

# **Self-Propelled Windrower**

**MacDon 9250/9350/9352/9352i/9352c**

**Westward 9250/9350/9352/9352i/9352c**

**Prairie Star 4940/4950/4952/4952i/4952c**

**Premier 2940/2950/2952/2952i/2952c**

**Harvest Pro 8140/8150/8152/8152i/8152c**

**PARTS CATALOG**

Revision A

Part #46583 \$15



**MacDon 9250, 9350, 9352, 9352i & 9352c / Westward 9250, 9350, 9352, 9352i & 9352c  
Prairie Star 4940, 4950, 4952, 4952i & 4952c / Premier 2940, 2950, 2952, 2952i & 2952c  
Harvest Pro 8140, 8150, 8152, 8152i & 8152c Self-Propelled Windrower Parts Catalog**

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## **SERIAL NUMBER BREAKS**

The side of the serial number on which the dash (-) appears determines whether the part is used "up to" or "after" the serial number given. Example: -74924 Used on machines up to and including serial number 74924.

74925- Used on machines including and after serial number 74925.

When ordering, be sure the complete and proper serial number is given.

## **ABBREVIATIONS**

L/H - left hand  
R/H - right hand { Left/Right Hand is determined  
from Operator's position, facing  
forward.  
I.D. - inside diameter  
O.D. - outside diameter  
A/R - as required (quantity varies)

REF - reference, part number called up elsewhere in catalog  
NC - national coarse thread  
NF - national fine thread  
NA – refers to the naturally aspirated tractor  
Turbo – refers to the turbo diesel tractor

## **HARDWARE**

Common hardware is not illustrated. Alphabetic references are used to designate position and description of these items.

**BOLDDED PART NUMBERS INDICATE RECENT CHANGES**

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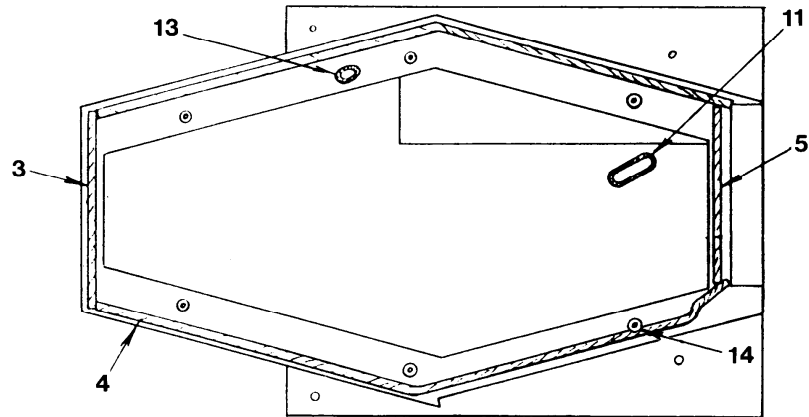
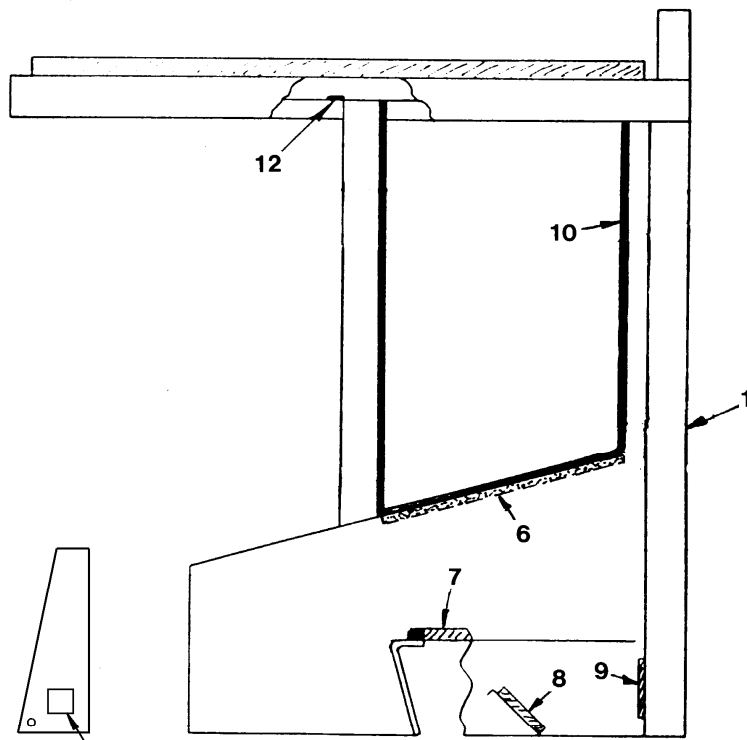
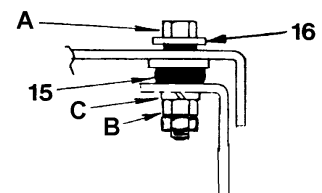
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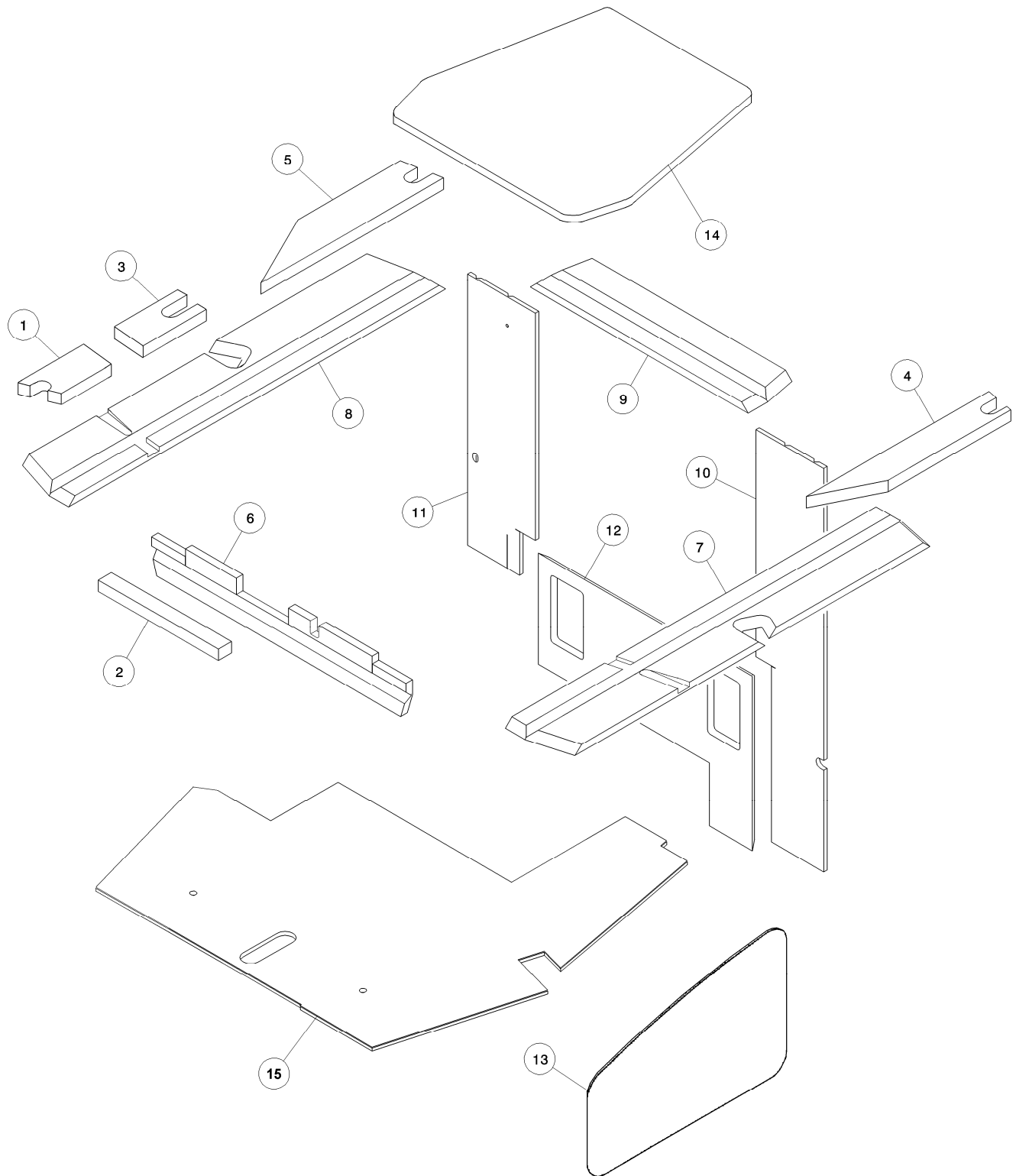
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**CAB FRAME, SEALS, GROMMETS & MOUNTS****Top View****Side View****Cab Mounts**

## CAB FRAME, SEALS, GROMMETS & MOUNTS

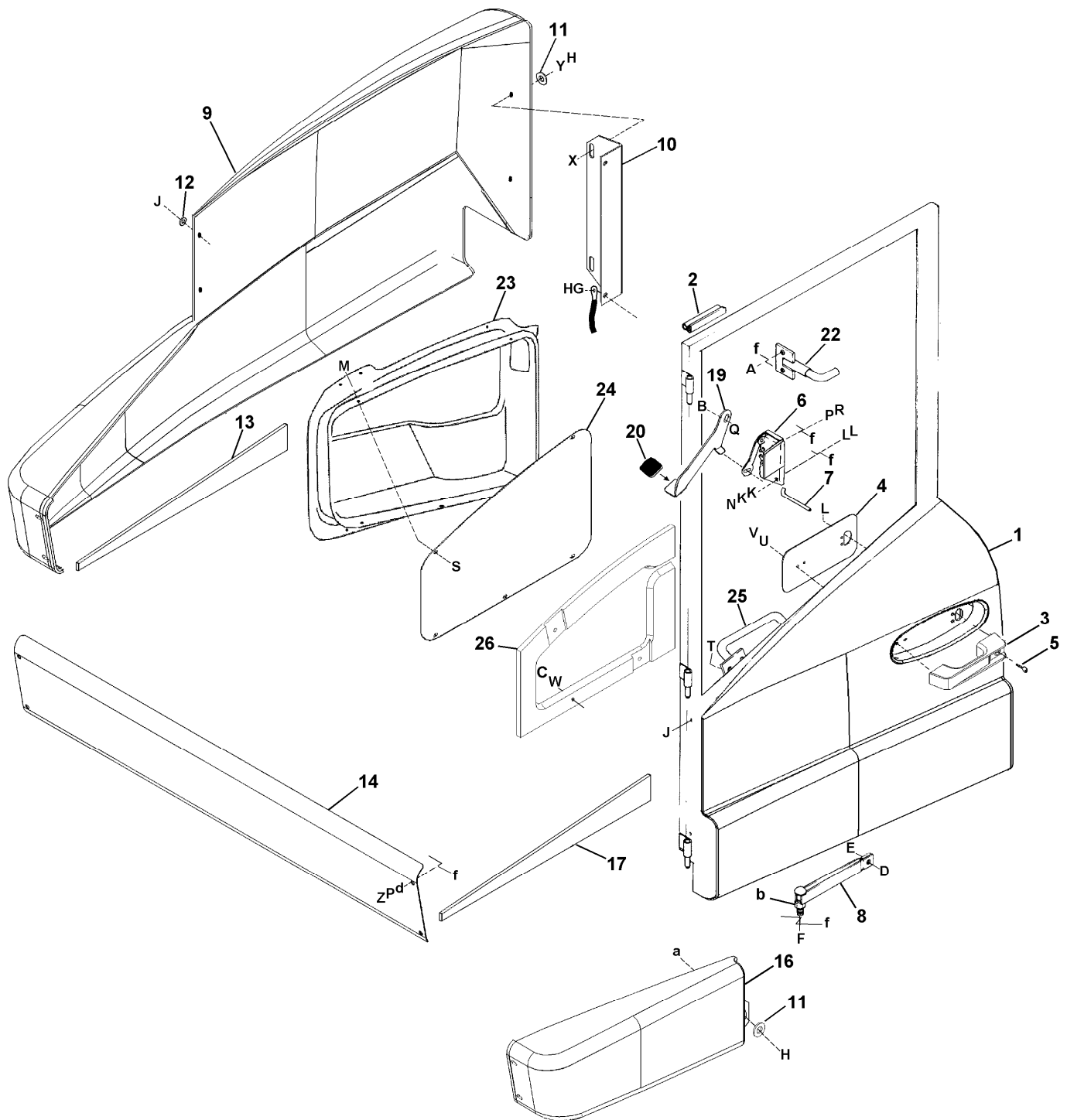
| REF | PART<br>NUMBER | DESCRIPTION                                                   | QTY | SERIAL<br>NUMBER |
|-----|----------------|---------------------------------------------------------------|-----|------------------|
| 1   | 45760          | CAB FRAME - with decals.....                                  | 1   |                  |
| 2   | 45755          | INSULATOR – cab .....                                         | 1   |                  |
| 3   | 42405          | SEAL - foam, top front .....                                  | 1   |                  |
| 4   | 42406          | SEAL - foam, top side.....                                    | 2   |                  |
| 5   | 42407          | SEAL - foam, top rear .....                                   | 1   |                  |
| 6   | 45944          | SEAL - foam, window .....                                     | 1   |                  |
| 7   | 42270          | SEAL - foam .....                                             | 1   |                  |
| 8   | 45799          | SEAL - foam, blower ports.....                                | 1   |                  |
| 9   | 42266          | SEAL - foam .....                                             | 2   |                  |
| 10  | 42042          | SEAL - moulded, window .....                                  | 1   |                  |
| 11  | 37687          | MOULDING - protective .....                                   | 2   |                  |
| 12  | 42072          | MOULDING - protective, right side.....                        | 1   |                  |
| 13  | 25298          | CONDUIT - slit.....                                           | 1   |                  |
| 14  | 42046          | GROMMET .....                                                 | 6   |                  |
| 15  | 42099          | INSULATOR - cab mount .....                                   | 4   |                  |
| 16  | 42592          | WASHER – flat, 1/2 inch ID.....                               | 4   |                  |
| A   | 21560          | BOLT - hex head, 1/2 NC x 3 inch (except front right)         |     |                  |
|     | 21760          | BOLT - hex head, 1/2 NC x 2-1/2 inch (front right only)       |     |                  |
| B   | 18591          | NUT - hex, 1/2 NC - double nutted (except front right)        |     |                  |
|     | 21383          | NUT - serrated flange, 1/2 NC - single nut (front right only) |     |                  |
| C   | 18638          | WASHER - lock, 1/2 inch ID (except front right)               |     |                  |

**CAB UPHOLSTERY & INSULATORS**

## CAB UPHOLSTERY & INSULATORS

| REF | PART<br>NUMBER | DESCRIPTION                                   | QTY | SERIAL<br>NUMBER |
|-----|----------------|-----------------------------------------------|-----|------------------|
| 1   | 45745          | INSULATOR – upper side, L/H & R/H, front..... | 2   |                  |
| 2   | 42416          | INSULATOR - upper front, L/H & R/H .....      | 2   |                  |
| 3   | 45746          | INSULATOR - upper side, L/H & R/H, rear ..... | 2   |                  |
| 4   | 42056          | INSULATOR - upper left, rear .....            | 1   |                  |
| 5   | 42057          | INSULATOR - upper right, rear .....           | 1   |                  |
| 6   | 45749          | UPHOLSTERY - above front window .....         | 1   |                  |
| 7   | 45747          | UPHOLSTERY - above L/H side window .....      | 1   |                  |
| 8   | 45748          | UPHOLSTERY - above R/H side window .....      | 1   |                  |
| 9   | 45802          | UPHOLSTERY - above rear window .....          | 1   |                  |
| 10  | 45804          | UPHOLSTERY - left post .....                  | 1   |                  |
| 11  | 45805          | UPHOLSTERY - right post .....                 | 1   |                  |
| 12  | 45803          | UPHOLSTERY - below rear window .....          | 1   |                  |
| 13  | 45681          | UPHOLSTERY - door .....                       | 1   |                  |
| 14  | REF            | UPHOLSTERY - cab roof, see page 9 .....       | 1   |                  |
| 15  | 45807          | FLOOR MAT .....                               | 1   |                  |

## CAB DOOR &amp; CAB RIGHT SIDE PANEL

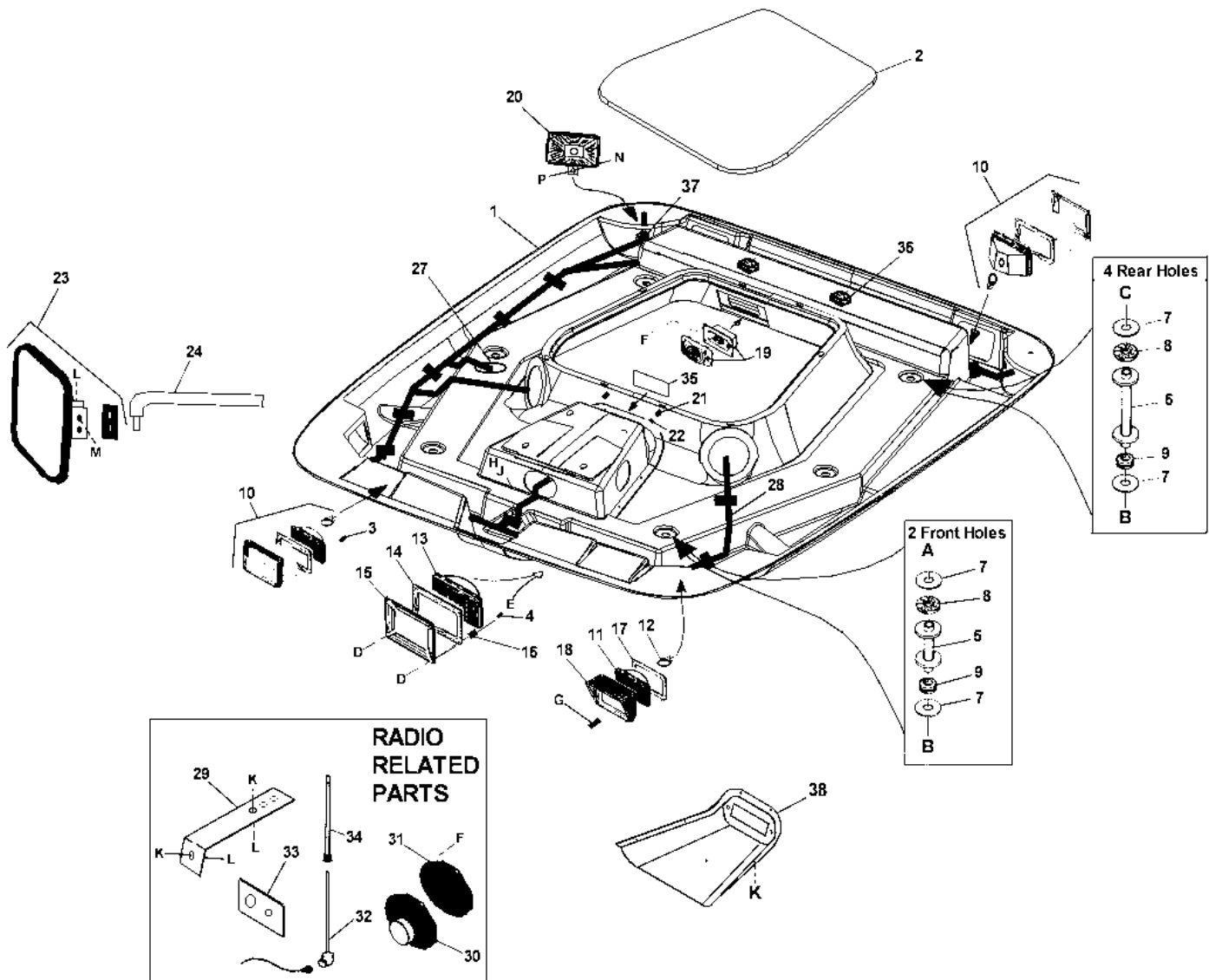


# CAB DOOR & CAB RIGHT SIDE PANEL

| REF | PART<br>NUMBER | DESCRIPTION                                                                     | QTY | SERIAL<br>NUMBER |                                    |
|-----|----------------|---------------------------------------------------------------------------------|-----|------------------|------------------------------------|
| 1   | 109211         | DOOR – with decals (does not include striping or model name/number decals)..... | 1   |                  |                                    |
| 2   | 42041          | SEAL - door, moulded .....                                                      | 1   |                  |                                    |
| 3   | 109016         | HANDLE - outer, with keys .....                                                 | 1   |                  |                                    |
| 4   | 109035         | PANEL – handle backup .....                                                     | 1   |                  |                                    |
| 5   | 42643          | KEY - door .....                                                                | 1   |                  |                                    |
| 6   | 109015         | LATCH - door.....                                                               | 1   |                  |                                    |
| 7   | 109033         | ROD – door opener .....                                                         | 1   |                  |                                    |
| 8   | 42579          | STOP - door.....                                                                | 1   |                  |                                    |
| 9   | 109018         | PANEL - right cab side .....                                                    | 1   |                  |                                    |
| 10  | 109045         | ANGLE – R/H panel mount .....                                                   | 1   |                  |                                    |
| 11  | 112220         | WASHER – steel/rubber – 3/8 inch ID.....                                        | 3   |                  |                                    |
| 12  | 112221         | WASHER – steel/rubber – 1/4 inch ID.....                                        | 2   |                  |                                    |
| 13  | 109076         | SEAL – R/H cab front .....                                                      | 1   |                  |                                    |
| 14  | 109042         | PANEL – front cab trim.....                                                     | 1   |                  |                                    |
| 16  | 109007         | PANEL – L/H cab trim .....                                                      | 1   |                  |                                    |
| 17  | 109077         | SEAL – L/H cab front.....                                                       | 1   |                  |                                    |
| 19  | 109059         | HANDLE – inside, door opening.....                                              | 1   |                  |                                    |
| 20  | 109098         | GRIP – inside handle.....                                                       | 1   |                  |                                    |
| 22  | 45696          | PIN - door latch.....                                                           | 1   |                  |                                    |
| 23  | 109023         | PANEL – door storage.....                                                       | 1   |                  |                                    |
| 24  | 45682          | PANEL – door storage back .....                                                 | 1   |                  |                                    |
| 25  | 45664          | HANDLE – inside, door closing .....                                             | 1   |                  |                                    |
| 26  | 45689          | INSULATOR – door .....                                                          | 1   |                  |                                    |
|     |                |                                                                                 |     |                  |                                    |
| A   | 30693          | BOLT - flange head, 3/8 NC x 1/2"                                               | P   | 18635            | WASHER - lock, 1/4 inch ID         |
| B   | 21558          | BOLT - hex head, 5/16 NC x 3/4"                                                 | Q   | 18690            | NUT – lock, 5/16 NC                |
| C   | 42292          | SCREW – self tapping                                                            | R   | 21573            | BOLT - hex head, 1/4 NC x 1 inch   |
| D   | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread                              | S   | 18724            | NUT – lock, 1/4 NC                 |
| E   | 21561          | BOLT - hex head, 3/8 NC x 1-1/2"                                                | T   | 21821            | BOLT – flange head, 3/8 NC x 3/4"  |
| F   | 18697          | NUT - lock, 1/2 NC distorted thread                                             | U   | 30631            | WASHER – lock, M6                  |
| G   | 18598          | WASHER – flat, 13/32" I.D.                                                      | V   | 109118           | BOLT – hex head, M6 – 1.0 x 20     |
| H   | 21452          | NUT - serrated flange, 3/8 NC                                                   | W   | 30526            | WASHER–flat, 1/4 inch ID           |
| J   | 30260          | SCREW - self-drilling, self-tapping, #12 x 1 inch                               | X   | 19966            | BOLT – flng head, 3/8 NC x 1-1/4"  |
| K   | 18589          | NUT - hex, 5/16 NC                                                              | Y   | 44543            | NUT – retaining, sm 3/8 NC         |
| L   | 18588          | NUT - hex, 1/4-20 UNC                                                           | Z   | 21573            | SCREW – 1/4 NC x 1 inch            |
| M   | 21580          | BOLT - hex head, 1/4 NC x 1/2 inch                                              | a   | 21863            | BOLT – rd hd, sq nk, 3/8 NC x 3/4" |
| N   | 30942          | BOLT - hex head, 1/4 NC x 1-1/4                                                 | b   | 30760            | NUT – hex, 1/2 NC                  |
|     |                |                                                                                 | d   | 18596            | WASHER – flat, 9/32 inch ID        |

~ f REF Indicates where hardware passes through cab or door frame.

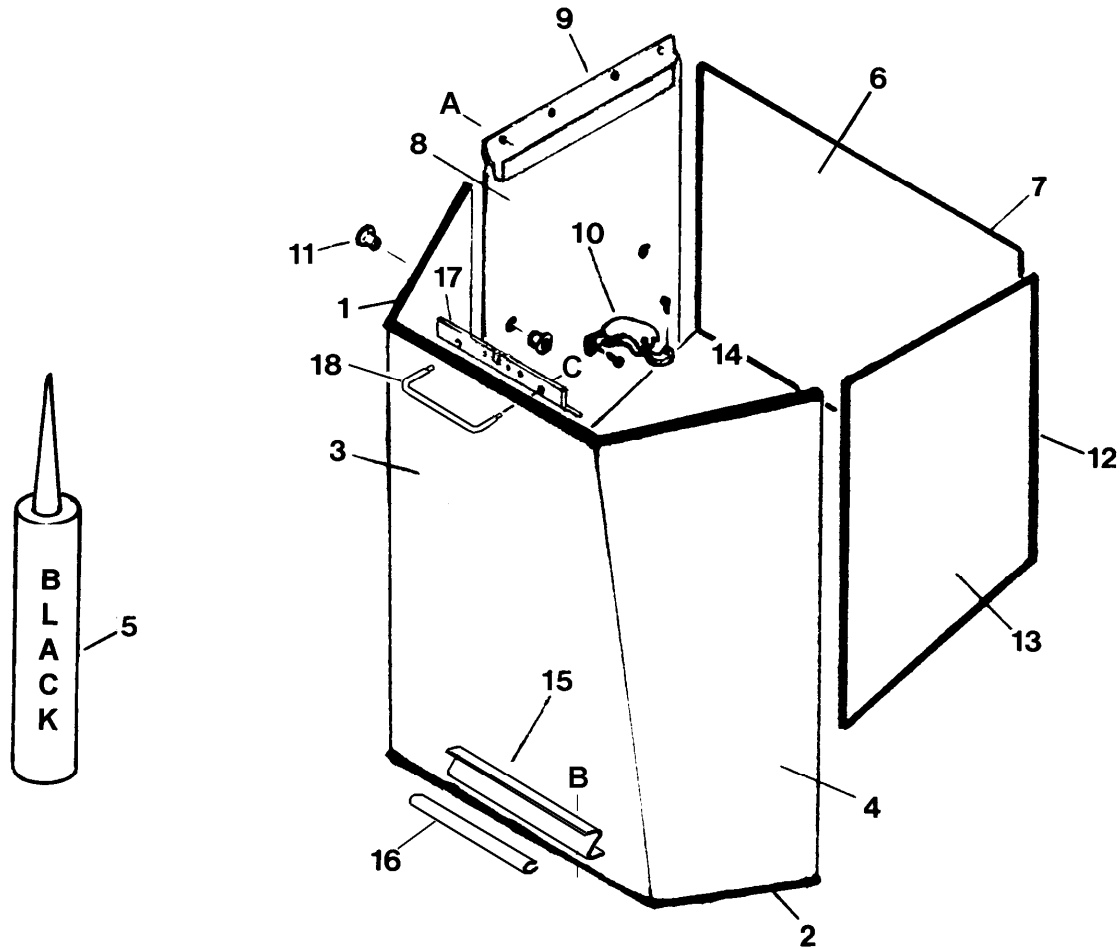
## CAB ROOF



## CAB ROOF

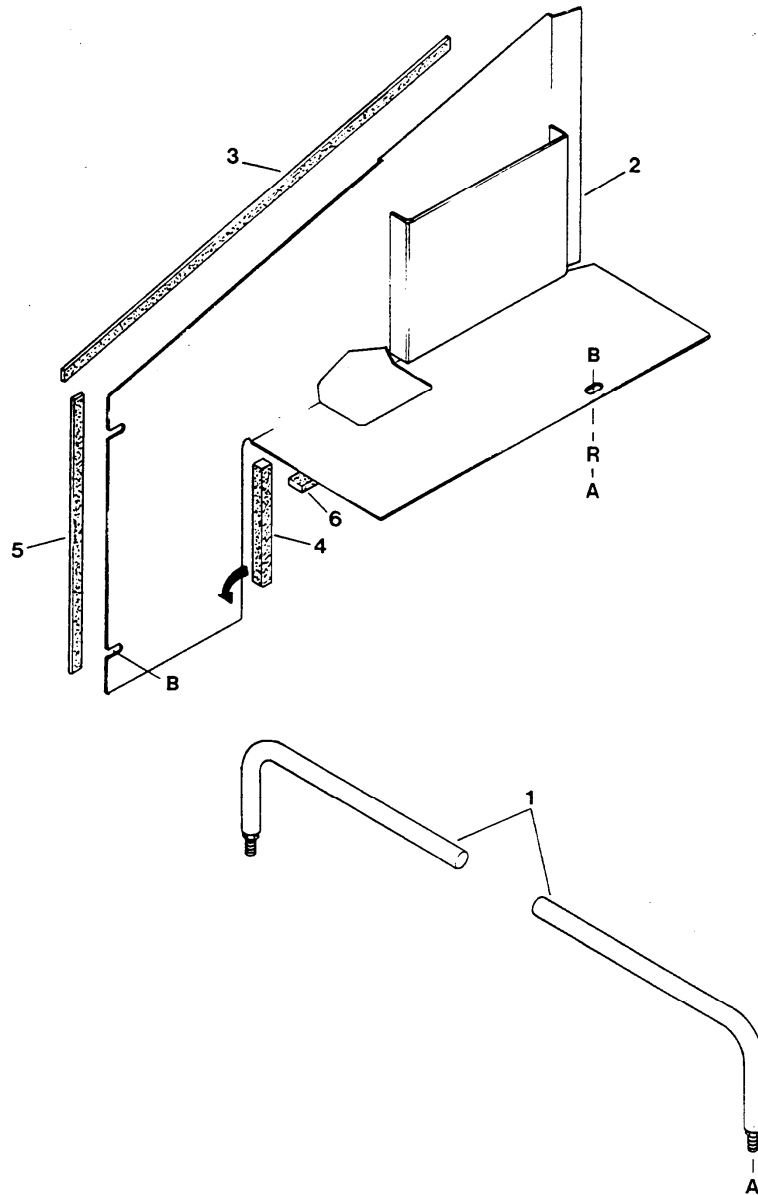
| REF | PART<br>NUMBER | DESCRIPTION                                                                | QTY | SERIAL<br>NUMBER |                                       |
|-----|----------------|----------------------------------------------------------------------------|-----|------------------|---------------------------------------|
| 1   | 45654          | ROOF - cab, includes roof, headliner and items 2 - 6 inclusive .....       | 1   |                  |                                       |
| 2   | 45759          | INSULATOR - roof.....                                                      | 1   |                  |                                       |
| 3   | 42212          | NUT - tee, #10 NC (for wiper motor and amber light mounting).....          | 6   |                  |                                       |
| 4   | 42213          | NUT - spring, #6 NC (for field & head lamps).....                          | 12  |                  |                                       |
| 5   | 45783          | SPACER - roof/headliner, front .....                                       | 2   |                  |                                       |
| 6   | 45782          | SPACER - roof/headliner, rear .....                                        | 4   |                  |                                       |
| 7   | 42592          | WASHER - flat.....                                                         | 12  |                  |                                       |
| 8   | 42045          | PAD .....                                                                  | 6   |                  |                                       |
| 9   | REF            | GROMMET - See "Cab Frame" .....                                            | 6   |                  |                                       |
| 10  | 109103         | LIGHT - amber, replacement bulb #1156 .....                                | 4   |                  |                                       |
| 11  | 109112         | OPTICAL UNIT - 3 x 5 inch .....                                            | 4   |                  |                                       |
| 12  | 109113         | BULB - 12V, 55W .....                                                      | 4   |                  |                                       |
| 13  | 109105         | LIGHT - headlight.....                                                     | 2   | -144176          |                                       |
|     | 109104         | SOCKET - light bulb, for headlight 109105.....                             | 2   | -144176          |                                       |
|     | 109109         | BULB - lamp, (SP 11), for headlight 109105 .....                           | 2   | -144176          |                                       |
|     | 109223         | LIGHT - headlight.....                                                     | 2   | 144177-          |                                       |
|     | 109224         | BULB - lamp, designation: 9005, for headlight 109223 .....                 | 2   | 144177-          |                                       |
| 14  | 109048         | GASKET - headlight, for item 12 .....                                      | 2   |                  |                                       |
| 15  | 109106         | SUPPORT - headlight.....                                                   | 2   |                  |                                       |
| 16  | 109107         | SPRING - compression, headlight.....                                       | 6   |                  |                                       |
| 17  | 109110         | GASKET - lamp, for item 11 .....                                           | 4   |                  |                                       |
| 18  | 109114         | BEZEL - lamp .....                                                         | 4   |                  |                                       |
| 19  | 109123         | LIGHT - interior .....                                                     | 1   |                  |                                       |
| 20  | 109111         | LIGHT - pedestal work.....                                                 | 2   |                  |                                       |
|     | 109112         | OPTICAL UNIT - for item 20.....                                            | 2   |                  |                                       |
|     | 109113         | BULB - 12V, 55W, for item 20 .....                                         | 2   |                  |                                       |
|     | 109114         | BEZEL - for item 20 .....                                                  | 2   |                  |                                       |
| 21  | 50023          | LIGHT - turn indicator .....                                               | 2   |                  |                                       |
| 22  | 50024          | NUT - spring .....                                                         | 2   |                  |                                       |
| 23  | 45835          | MIRROR .....                                                               | 2   |                  |                                       |
| 24  | 45669          | MOUNT - mirror .....                                                       | 2   |                  |                                       |
| 27  | 25286          | CONDUIT - slit hose.....                                                   | 1   |                  |                                       |
| 28  | 109226         | HARNESS - electrical, roof (was 45828), incl. 109228 plus 109227 (2) ..... | 1   | -144176          |                                       |
|     | 109228         | HARNESS - electrical, roof.....                                            | 1   | 144177-          |                                       |
|     | 109227         | HARNESS - headlight adapter, Packard to female blade.....                  | 2   | -144176          |                                       |
| 29  | 109115         | SUPPORT - rear, radio.....                                                 | 1   |                  |                                       |
| 30  | 109093         | SPEAKER - radio .....                                                      | 2   |                  |                                       |
| 31  | 109096         | GRILLE - speaker.....                                                      | 2   |                  |                                       |
| 32  | 109092         | ANTENNA - radio, includes cable.....                                       | 1   |                  |                                       |
| 33  | 109099         | BAR - antenna backing.....                                                 | 1   |                  |                                       |
| 34  | 109097         | GRIP - cover, antenna .....                                                | 1   |                  |                                       |
| 35  | 45399          | DECAL - covering, radio cut-out.....                                       | 1   |                  |                                       |
| 36  | 42543          | SEAL - foam .....                                                          | 2   |                  |                                       |
| 37  | 42415          | GROMMET - harness .....                                                    | 2   |                  |                                       |
| 38  | 45657          | PANEL - radio support.....                                                 | 1   |                  |                                       |
| A   | 30947          | BOLT - hex head, 1/2 NC x 7-1/2"                                           | H   | 30228            | NUT- lock, smooth flange, 3/8 NC d.t. |
| B   | 18697          | NUT - lock, 1/2 NC distorted thread                                        | J   | 18598            | WASHER - flat, 13/32" ID              |
| C   | 109091         | BOLT - hex head, 1/2 NC x 9 inch                                           | K   | 42284            | SCREW - machine, #10 x 1/2 inch       |
| D   | 109108         | BOLT - hex head, M5 - 0.80 x 50                                            | L   | 18647            | NUT - #10 NC                          |
| E   | 109126         | NUT - lock, #10 - 32 NC                                                    | M   | 21449            | BOLT - flange, lock                   |
| F   | 30492          | SCREW - self tap, #8 x 3/4 inch                                            | N   | 50101            | NUT - flange, lock, M10 x 1.5         |
| G   | 30949          | SCREW - machine, #6 NC x 1 inch                                            | P   | 30635            | WASHER - flat, M10                    |

## WINDOWS



| REF | PART<br>NUMBER | DESCRIPTION                                                               | QTY | SERIAL<br>NUMBER |
|-----|----------------|---------------------------------------------------------------------------|-----|------------------|
| 1   | 42048          | SEAL - top, front windows .....                                           | 1   |                  |
| 2   | 42049          | SEAL - bottom, front windows .....                                        | 1   |                  |
| 3   | 42093          | WINDOW - front .....                                                      | 1   |                  |
| 4   | 42094          | WINDOW - side .....                                                       | 2   |                  |
| 5   | REF            | SEALANT - black, use neutral cure silicone (Silicone II or Silglaze)..... | AR  |                  |
| 6   | 42095          | WINDOW - rear .....                                                       | 1   |                  |
| 7   | 42053          | SEAL - rear window .....                                                  | 1   |                  |
| 8   | 45757          | WINDOW - right, assembly (includes item 9) .....                          | 1   |                  |
| 9   | 42421          | SUPPORT - window .....                                                    | 1   |                  |
| 10  | 42616          | LATCH - rear .....                                                        | 1   |                  |
|     | 42617          | LATCH - front.....                                                        | 1   |                  |
| 11  | 42615          | FASTENER GROUP - latch (includes screw, bushing and nut).....             | 2   |                  |
| 12  | 45720          | SEAL - door window .....                                                  | 1   |                  |
| 13  | 45730          | WINDOW - door .....                                                       | 1   |                  |
| 14  | 42135          | RIVET - latch .....                                                       | 2   |                  |
| 15  | 45658          | RETAINER - window retaining, lower .....                                  | 1   |                  |
| 16  | 45659          | INSULATOR - window, lower front .....                                     | 1   |                  |
| 17  | 45725          | ANGLE - window, upper .....                                               | 1   |                  |
| 18  | 45727          | HANDLE - wiper .....                                                      | 1   |                  |
| A   | 21968          | BOLT - flange head, 1/4 NC x 1/2 inch                                     |     |                  |
| B   | 30260          | SCREW - self drilling, self tapping, #12 x 1 inch                         |     |                  |
| C   | 21056          | NUT - jam, 1/2 NC                                                         |     |                  |

## FOOTREST & SIDE CONSOLE PANEL



| REF | PART<br>NUMBER | DESCRIPTION                                             | QTY | SERIAL<br>NUMBER |
|-----|----------------|---------------------------------------------------------|-----|------------------|
| 1   | 42536          | ROD - footrest.....                                     | 2   |                  |
| 2   | 42644          | PANEL - side console, includes items 3, 4, 5 and 6..... | 1   |                  |
| 3   | 42264          | SEAL - top .....                                        | 1   |                  |
| 4   | 42266          | SEAL - vertical .....                                   | 1   |                  |
| 5   | 42272          | SEAL - front vertical.....                              | 1   |                  |
| 6   | 42273          | SEAL - A/C compartment .....                            | 1   |                  |
| A   | 21452          | NUT - serrated flange, 3/8 NC                           |     |                  |
| B   | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread      |     |                  |
| R   | REF            | Hardware passes through seat support panel.             |     |                  |



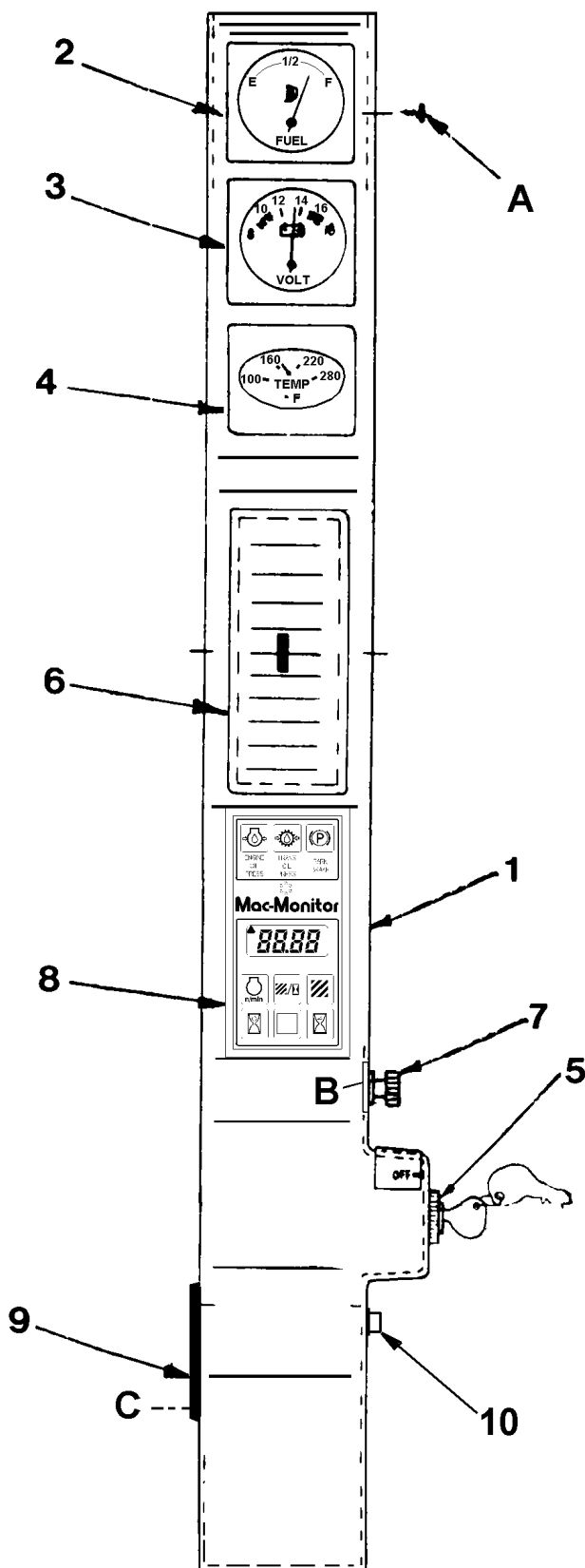
## STEERING COLUMN

| REF | PART<br>NUMBER | DESCRIPTION                                               | QTY | SERIAL<br>NUMBER |
|-----|----------------|-----------------------------------------------------------|-----|------------------|
| 1   | 42458          | SHAFT - steering, with sprocket.....                      | 1   |                  |
| 2   | 25336          | BUSHING - shaft .....                                     | 1   |                  |
| 3   | 18601          | WASHER - flat, 13/16 inch I.D.....                        | 5   |                  |
| 4   | 42064          | U-JOINT.....                                              | 1   |                  |
| 5   | 25326          | SHAFT - steering, upper.....                              | 1   |                  |
| 6   | 30943          | PIN - spring, 1/4 x 1 inch .....                          | 4   |                  |
| 7   | 45674          | TUBE - steering .....                                     | 1   |                  |
| 8   | 109073         | SPRING - gas, adjuster .....                              | 1   |                  |
| 9   | 45744          | YOKE - for item 8.....                                    | 1   |                  |
| 10  | 19488          | BUSHING - lower .....                                     | 1   |                  |
| 11  | 45661          | BUSHING - upper.....                                      | 1   |                  |
| 12  | 16266          | PIN - spring, 1/4 x 1-1/4 inch .....                      | 1   |                  |
| 13  | 45662          | SPACER - column .....                                     | 2   |                  |
| 14  | 109204         | KNOB .....                                                | 1   |                  |
| 15  | 42467          | GUIDE - rubber.....                                       | 1   |                  |
| 16  | 42460          | INSULATOR - steering post, foam .....                     | 1   |                  |
| 17  | 30061          | PIN - spring, 3/8 x 2 inch (was 21095).....               | 1   |                  |
| 18  | 42771          | WHEEL - steering, with cap (item 19) .....                | 1   |                  |
| 19  | 42773          | CAP - steering wheel.....                                 | 1   |                  |
| 20  | 42772          | INSTALLATION KIT - includes hub, snap plate & bolts ..... | 1   |                  |
| 21  | 109133         | COVER - upper steering column .....                       | 1   |                  |
| 22  | 45680          | GASKET .....                                              | 1   |                  |
| 23  | 109229         | SPEEDOMETER .....                                         | 1   | -144176          |
|     | 109210         | SPEEDOMETER .....                                         | 1   | 144177-          |
| 24  | 109041         | COVER - lower steering column .....                       | 1   |                  |
| 25  | 50075          | PIN - spring, 3/8 x 1 inch .....                          | 1   |                  |

**NOTE: For Related Parts, see "Steering & Ground Speed", page 81.**

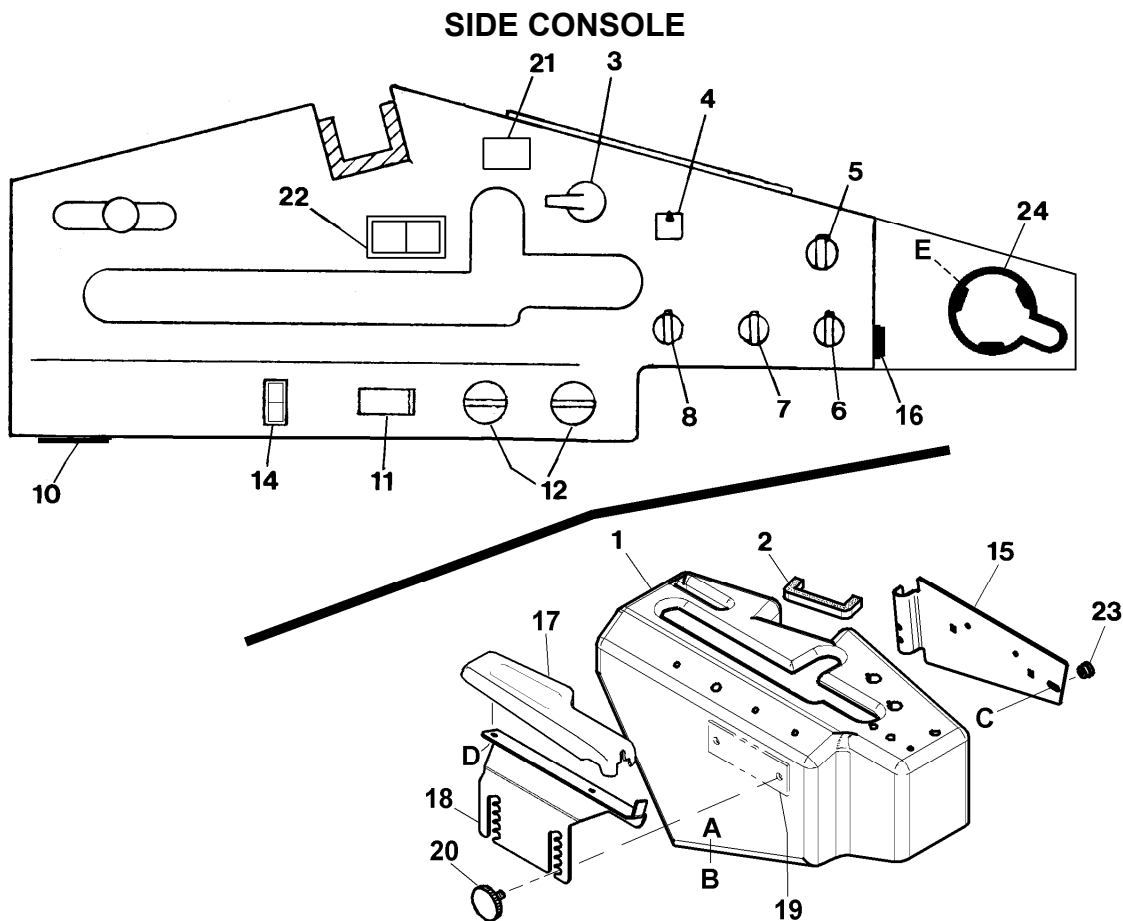
|   |        |                                          |
|---|--------|------------------------------------------|
| A | 18590  | NUT - hex, 3/8 NC                        |
| B | 21102  | BOLT - hex head, 3/8 NC x 2-1/2 inch     |
| C | 109071 | BOLT - round head, 3/8 NC x 1-1/4 inch   |
| D | 109072 | NUT - hex head, jam nut, M10 - 1         |
| E | 109075 | SCREW - Phillips pan head, #6 x 1/2 inch |

## INSTRUMENT PANEL



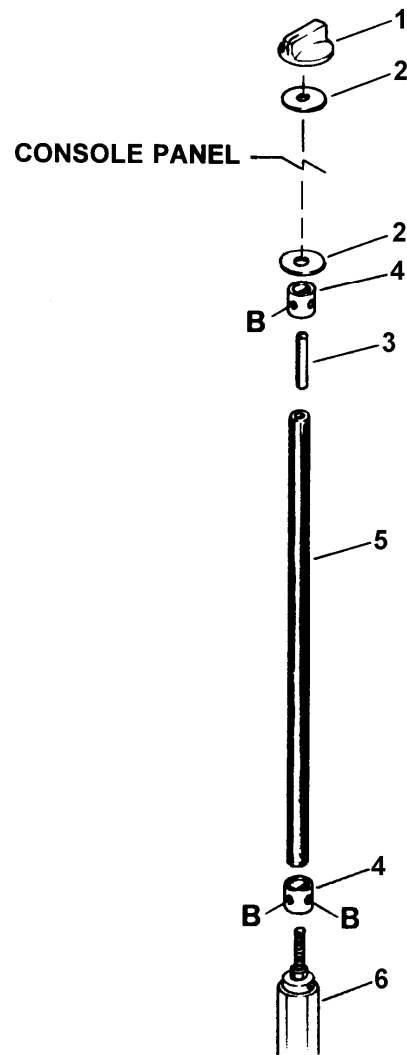
## INSTRUMENT PANEL

| REF | PART<br>NUMBER | DESCRIPTION                                                         | QTY | SERIAL<br>NUMBER |
|-----|----------------|---------------------------------------------------------------------|-----|------------------|
| 1   | 109202         | PANEL - instrument, with decal (was 109040) .....                   | 1   |                  |
| 2   | 42240          | GAUGE - fuel.....                                                   | 1   |                  |
| 3   | 42239          | GAUGE - voltmeter.....                                              | 1   |                  |
| 4   | 42241          | GAUGE - temperature, engine coolant, all except XX52i tractors..... | 1   |                  |
|     | 109272         | GAUGE - temperature, engine coolant, XX52i tractors only .....      | 1   |                  |
| 5   | 109119         | SWITCH - ignition.....                                              | 1   |                  |
|     | 109120         | KEY - ignition, for switch 109119.....                              | 1   |                  |
|     | 109121         | KEY - spare for switch 109119 .....                                 | 1   |                  |
| 6   | 42067          | VENTILATOR .....                                                    | 1   |                  |
| 7   | 42447          | LIGHTER - cigarette .....                                           | 1   |                  |
| 8   | 109036         | MONITOR.....                                                        | 1   | -144176          |
|     | 109209         | MONITOR, all except XX52i & XX52c tractors .....                    | 1   | 144177-          |
|     | 109271         | MONITOR, XX52i tractors only .....                                  | 1   |                  |
|     | 160101         | MONITOR, XX52c tractor only .....                                   | 1   |                  |
| 9   | 109122         | HOLDER - cup .....                                                  | 2   | -150558          |
| 10  | 109453         | SWITCH - push button, cold start, XX52i & XX52c tractors only.....  | 1   | 162250-          |
| A   | 42292          | SCREW - hex washer head, #10 x 1/2 inch self tapping                |     |                  |
| B   | 18602          | WASHER - flat, 7/8 inch ID                                          |     |                  |
| C   | 21947          | SCREW - hex washer head, #10 x 5/8 inch self tapping                |     |                  |



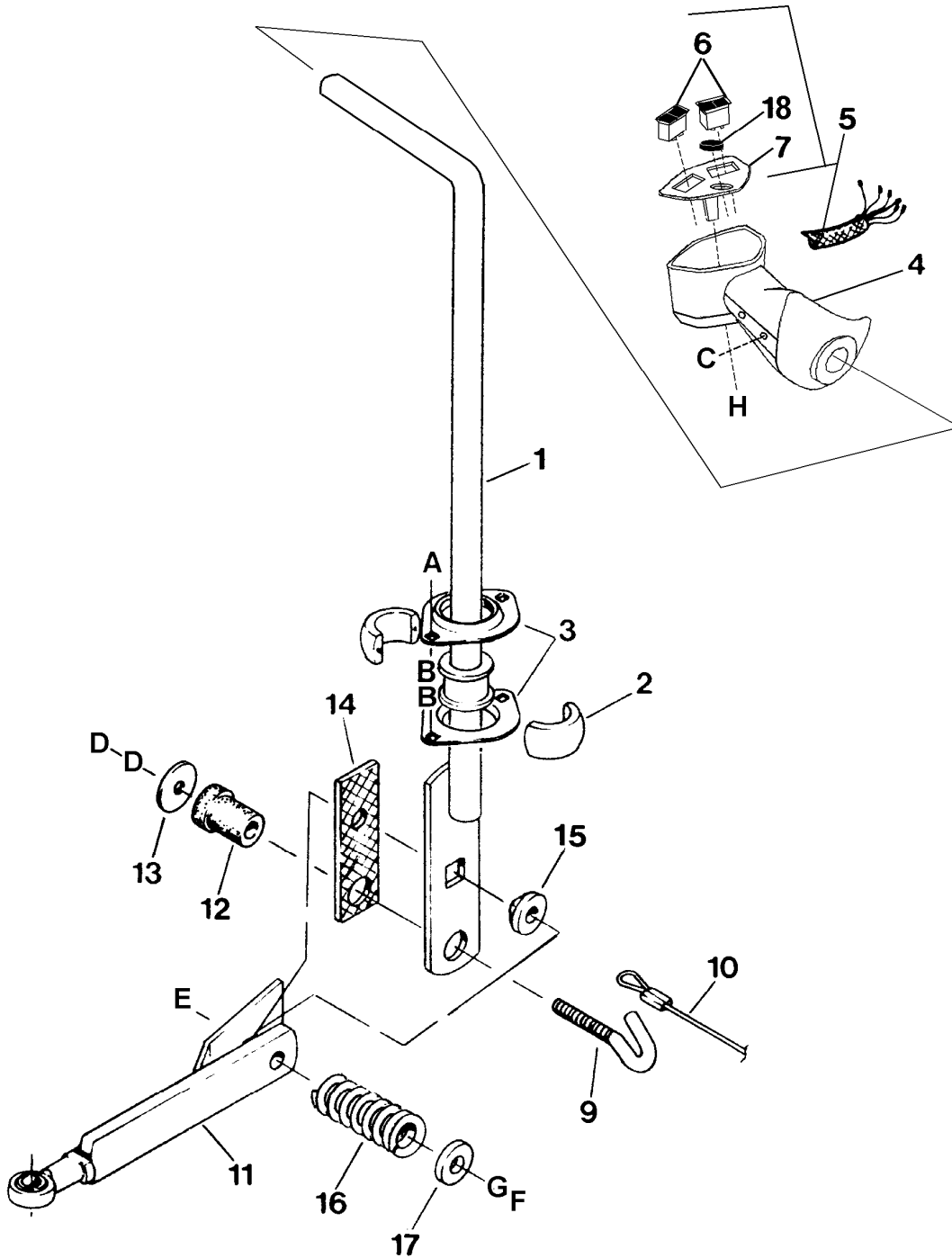
| REF | PART<br>NUMBER | DESCRIPTION                                                            | QTY | SERIAL<br>NUMBER |
|-----|----------------|------------------------------------------------------------------------|-----|------------------|
| 1   | 45711          | PANEL - console, with decal - includes items 2 & 15 and hardware ..... | 1   |                  |
| 2   | 42266          | SEAL - right post.....                                                 | 1   |                  |
| 3   | 30312          | FLASHER CONTROL - with knob .....                                      | 1   |                  |
| 4   | 21903          | SWITCH - light, with knob.....                                         | 1   |                  |
| 5   | 30335          | SWITCH - wiper.....                                                    | 1   |                  |
| 6   | 42727          | KNOB - control.....                                                    | 4   |                  |
| 7   | 109078         | SWITCH - blower.....                                                   | 1   |                  |
| 8   | 42518          | THERMOSTAT ASSEMBLY.....                                               | 1   |                  |
| 10  | 109079         | ASHTRAY.....                                                           | 1   |                  |
| 11  | 42840          | SWITCH - toggle, header drive.....                                     | 1   |                  |
|     | 42841          | GUARD - for toggle switch 42840.....                                   | 1   |                  |
| 12  | REF            | SWITCH - reel & conveyor speed control, see page 17.....               | 2   |                  |
| 14  | 109063         | SWITCH - deck shift, 960 & 972 Hydraulic Deck Shift Headers .....      | 1   |                  |
| 15  | 45685          | PANEL - access.....                                                    | 1   |                  |
| 16  | 109080         | TERMINAL - power outlet, 12 volt.....                                  | 2   |                  |
|     | 109081         | CAP - power outlet.....                                                | 2   |                  |
| 17  | 109101         | ARMREST .....                                                          | 1   |                  |
| 18  | 45742          | SUPPORT - armrest .....                                                | 1   |                  |
| 19  | 45741          | BAR - with weld nuts, for item 18 .....                                | 1   |                  |
| 20  | 45709          | KNOB - armrest support .....                                           | 2   |                  |
| 21  | 45893          | SWITCH - 2 speed, c/w decal (turbo only).....                          | 1   |                  |
| 22  | 109064         | SWITCH - header express down, see page 135.....                        | OPT |                  |
| 23  | 21931          | KNOB - access panel.....                                               | 1   |                  |
| 24  | 109280         | HOLDER - cup.....                                                      | 1   | 150559-          |
| A   | 30696          | SCREW - button head, rib neck #12 NC x 5/8 inch                        |     |                  |
| B   | 30669          | NUT - lock, #12 NC distorted thread                                    |     |                  |
| C   | 21572          | BOLT - hex head, 1/4 NC x 5/8 inch                                     |     |                  |
| D   | 111008         | SCREW - M6 x 15 mm                                                     |     |                  |
| E   | 21947          | SCREW - hex washer head, #10 x 5/8 inch, self tapping                  |     |                  |

# REEL & CONVEYOR SPEED CONTROL



| REF | PART<br>NUMBER | DESCRIPTION                                                       | QTY | SERIAL<br>NUMBER |
|-----|----------------|-------------------------------------------------------------------|-----|------------------|
| 1   | 42441          | KNOB - control .....                                              | 2   |                  |
| 2   | 42748          | WASHER - non metal .....                                          | 4   |                  |
| 3   | 2146           | PIN - roll, 1/4 x 1-3/4 inch .....                                | 2   |                  |
| 4   | 42749          | SPACER .....                                                      | 4   |                  |
| 5   | 42747          | HOSE .....                                                        | 2   |                  |
| 6   | REF            | CONTROL BLOCK - header drive, see "Header Drive Hydraulics" ..... | 1   |                  |
| B   | 21572          | BOLT-hex head, 1/4 NC x 5/8 inch                                  |     |                  |

## GROUND SPEED LEVER

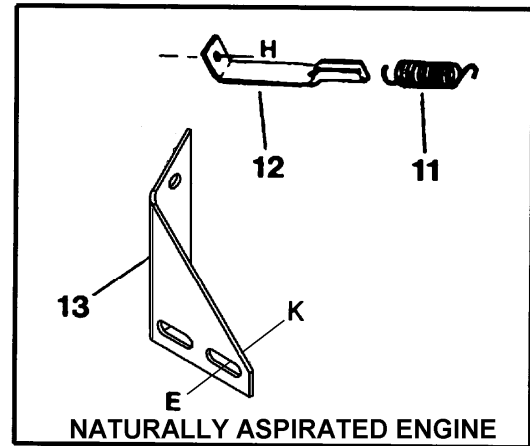
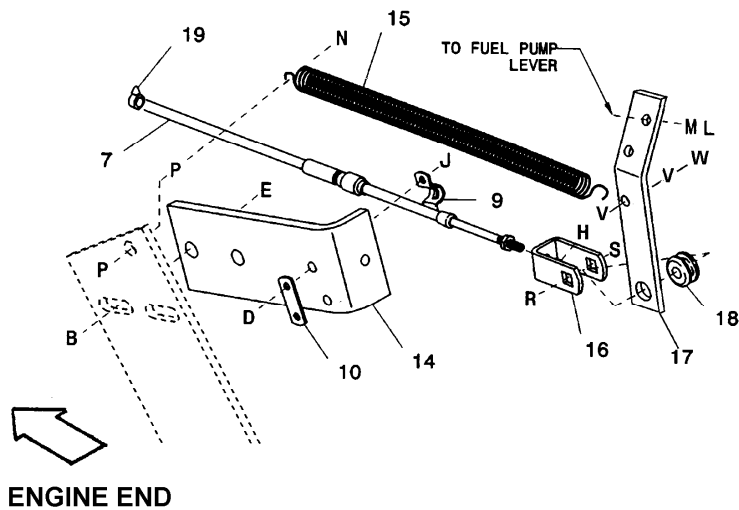


## GROUND SPEED LEVER

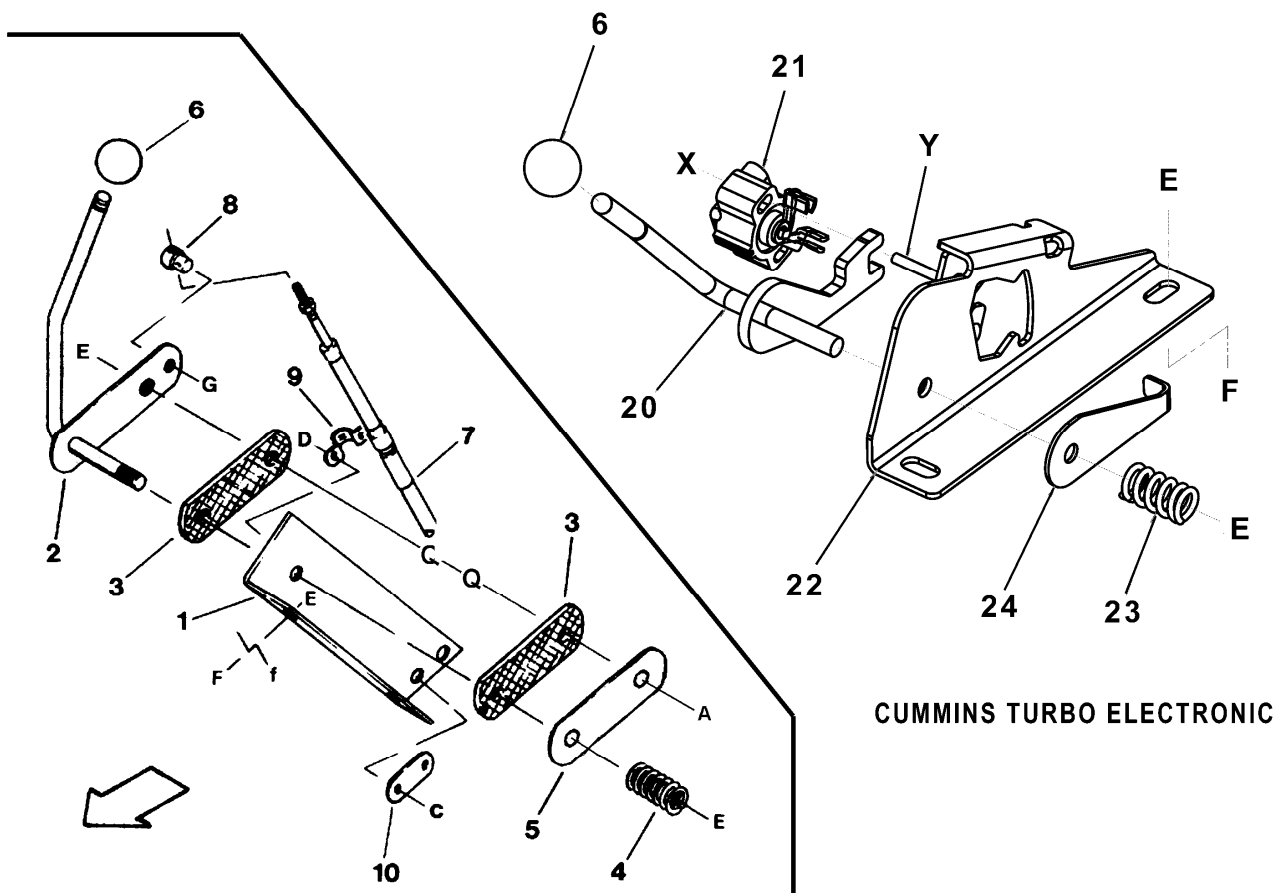
| REF | PART<br>NUMBER | DESCRIPTION                                                               | QTY | SERIAL<br>NUMBER |
|-----|----------------|---------------------------------------------------------------------------|-----|------------------|
| 1   | 45814          | LEVER - ground speed.....                                                 | 1   |                  |
| 2   | 28038          | BUSHING - plastic (part consists of two halves) .....                     | 1   |                  |
| 3   | 15103          | FLANGE - bushing mounting.....                                            | 2   |                  |
| 4   | 109051         | HANDLE - ground speed.....                                                | 1   |                  |
| 5   | 45865          | HARNESS - ground speed lever, includes items 6 (qty.2), 7, 18 & decals .. | 1   |                  |
| 6   | 109060         | SWITCH – rocker, reel lift, and header lift .....                         | 2   |                  |
| 7   | 109049         | PLATE – face, handle.....                                                 | 1   |                  |
| 9   | 42476          | BOLT - hook .....                                                         | 1   |                  |
| 10  | REF            | CABLE - neutral interlock, see "Neutral Interlock & Pintle Arms".....     | 1   |                  |
| 11  | REF            | ROD - steering, see "Steering & Ground Speed" .....                       | 1   |                  |
| 12  | 42482          | INSULATOR - rubber .....                                                  | 1   |                  |
| 13  | 16652          | WASHER - flat.....                                                        | 1   |                  |
| 14  | 45565          | PAD - friction .....                                                      | 1   |                  |
| 15  | 25348          | BUSHING - plastic.....                                                    | 1   |                  |
| 16  | 11660          | SPRING - compression .....                                                | 1   |                  |
| 17  | 4761           | WASHER - flat.....                                                        | 1   |                  |
| 18  | 45869          | PLUG – nylon, 0.687 diameter hole.....                                    | 1   |                  |
|     | 109061         | SWITCH – 4 way, header angle/fore aft, see page 133 & 135.....            | OPT |                  |
| A   | 30280          | NUT - lock, smooth flange, 5/16 NC distorted thread                       |     |                  |
| B   | 18597          | WASHER – flat, 11/32 inch ID                                              |     |                  |
| C   | 30872          | SCREW – set, 5/16 NC x 1/4 inch                                           |     |                  |
| D   | 18590          | NUT - hex, 3/8 NC                                                         |     |                  |
| E   | 50052          | BOLT - round head, square neck, 1/2 NC x 5 inch                           |     |                  |
| F   | 18697          | NUT - lock, 1/2 NC distorted thread                                       |     |                  |
| G   | 18591          | NUT - hex, 1/2 NC                                                         |     |                  |
| H   | 45868          | SCREW – self tapping, #8 NC x 1-1/2 inch                                  |     |                  |
| ~ f | REF            | Indicates where hardware passes through frame member.                     |     |                  |

## THROTTLE CONTROL – CUMMINS ENGINE TRACTORS

Models XX52c have cab end throttle components only. Engine end is electronic, with harness.



CAB END



## THROTTLE CONTROL – CUMMINS ENGINE TRACTORS

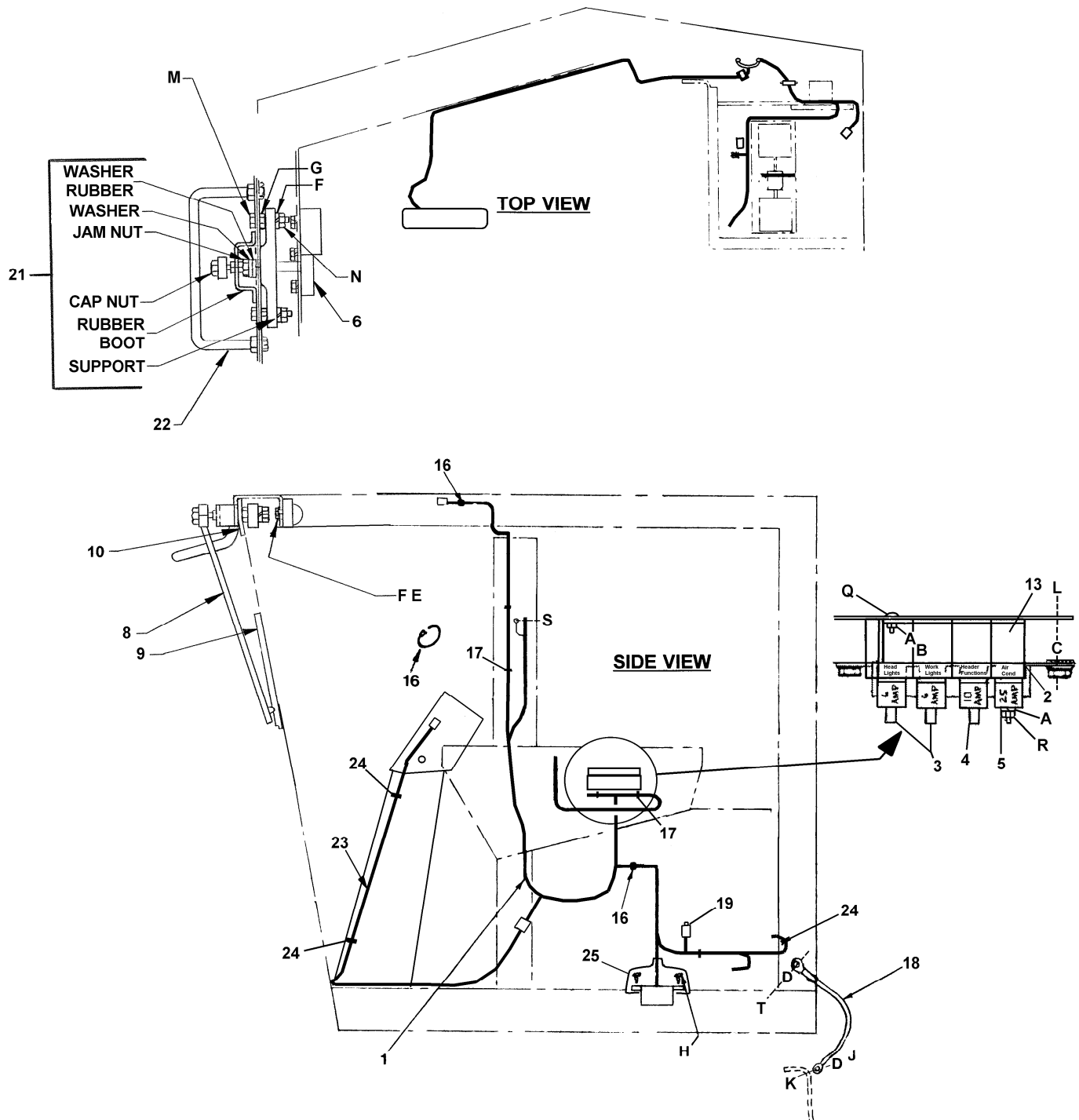
| REF | PART<br>NUMBER | DESCRIPTION                                                | QTY | SERIAL<br>NUMBER |
|-----|----------------|------------------------------------------------------------|-----|------------------|
| 1   | 45307          | SUPPORT - throttle, in-cab .....                           | 1   |                  |
| 2   | 45309          | LEVER - throttle .....                                     | 1   |                  |
| 3   | 45314          | PAD - friction .....                                       | 2   |                  |
| 4   | 17546          | SPRING - compression .....                                 | 1   |                  |
| 5   | 45833          | PLATE – throttle arm .....                                 | 1   |                  |
| 6   | 30457          | KNOB - orange .....                                        | 1   |                  |
| 7   | 42745          | CABLE - throttle .....                                     | 1   |                  |
| 8   | 42218          | PIVOT - cable .....                                        | 1   |                  |
| 9   | 42219          | HOLDER - cable .....                                       | 2   |                  |
| 10  | 42220          | BAR - spacer .....                                         | 2   |                  |
| 11  | 44337          | SPRING - extension, to fuel pump lever (N.A. engine) ..... | 1   |                  |
| 12  | 44490          | SUPPORT - cable to spring (N.A. engine) .....              | 1   | -162249          |
|     | 111692         | SUPPORT – cable to spring (N.A engine).....                | 1   | 162250-          |
| 13  | 111152         | SUPPORT - throttle cable, engine end (N.A. Engine) .....   | 1   |                  |
| 14  | 44494          | INSULATOR - rubber, throttle cable .....                   | 1   |                  |
| 15  | 42102          | SPRING – extension .....                                   | 1   |                  |
| 16  | 111009         | CLEVIS - throttle cable .....                              | 1   |                  |
| 17  | 111007         | LEVER - throttle .....                                     | 1   |                  |
| 18  | 24986          | GROMMET - rubber .....                                     | 1   |                  |
| 19  | 42523          | CLIP – cable holder .....                                  | 1   |                  |
| 20  | 109900         | LEVER - throttle .....                                     | 1   |                  |
| 21  | 109904         | SENSOR - rotary .....                                      | 1   |                  |
| 22  | 109898         | SUPPORT - throttle .....                                   | 1   |                  |
| 23  | 17546          | SPRING - compression .....                                 | 1   |                  |
| 24  | 109902         | BRACKET - throttle spring.....                             | 1   |                  |
| A   | 21264          | BOLT - hex head, 3/8 NC x 1-1/4 inch                       |     |                  |
| B   | 19965          | BOLT - round head, square neck, 3/8 NC x 1 inch            |     |                  |
| C   | 18631          | SCREW - machine, #10 NC x 1/2 inch                         |     |                  |
| D   | 18647          | NUT - hex, #10 NC                                          |     |                  |
| E   | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread         |     |                  |
| F   | 109071         | BOLT – round head, square neck, 3/8 NC x 1-1/4 inch        |     |                  |
| G   | 18604          | PIN - cotter, 3/32 x 3/4 inch                              |     |                  |
| H   | 20011          | NUT - hex, #10 NF                                          |     |                  |
| J   | 18577          | SCREW - machine, #10 NC x 3/4 inch                         |     |                  |
| K   | 21821          | BOLT - flange head, 3/8 NC x 3/4 inch                      |     |                  |
| L   | 111008         | BOLT - hex head, M6 x 15 mm                                |     |                  |
| M   | 30631          | WASHER - lock, M6                                          |     |                  |
| N   | 21561          | BOLT - hex head, 3/8 NC x 1-1/2 inch                       |     |                  |
| P   | 18590          | NUT - hex, 3/8 NC                                          |     |                  |
| Q   | 18598          | WASHER – flat, 13/32 inch ID                               |     |                  |
| R   | 21479          | BOLT - round head, square neck, 5/16 NC x 1-1/2 inch       |     |                  |
| S   | 30280          | NUT - lock, smooth flange, 5/16 NC distorted thread        |     |                  |
| V   | 18588          | NUT – hex, 1/4 NC                                          |     |                  |
| W   | 21573          | BOLT – 1/4 NC x 1 inch                                     |     |                  |
| X   | 21492          | NUT – flange, #10 - 0.190 in, zn pl, gr 5, serrated face   |     |                  |
| Y   | 21487          | BOLT – round head, square neck, #10-24 nc x1.5" long       |     |                  |
| ~ f | REF            | Indicates where hardware passes through frame member.      |     |                  |



## THROTTLE CONTROL – ISUZU ENGINE TRACTORS

| REF | PART<br>NUMBER | DESCRIPTION                                           | QTY | SERIAL<br>NUMBER |
|-----|----------------|-------------------------------------------------------|-----|------------------|
| 1   | 45307          | SUPPORT - throttle, in-cab .....                      | 1   |                  |
| 2   | 45309          | LEVER - throttle .....                                | 1   |                  |
| 3   | 45314          | PAD - friction .....                                  | 2   |                  |
| 4   | 17546          | SPRING - compression .....                            | 1   |                  |
| 5   | 45833          | PLATE – throttle arm .....                            | 1   |                  |
| 6   | 30457          | KNOB - orange .....                                   | 1   |                  |
| 7   | 111415         | CABLE - throttle .....                                | 1   |                  |
| 8   | 42218          | PIVOT - cable .....                                   | 1   |                  |
| 9   | 42219          | HOLDER - cable .....                                  | 2   |                  |
| 10  | 42220          | BAR - spacer .....                                    | 2   |                  |
| 14  | 44494          | INSULATOR - rubber, throttle cable .....              | 1   |                  |
| 19  | 42523          | CLIP – cable holder .....                             | 1   |                  |
| 20  | 111437         | INSULATOR – throttle .....                            | 1   |                  |
| 21  | REF            | LEVER – fuel pump .....                               | 1   |                  |
| 22  | REF            | SUPPORT – throttle, see “Fuel System” .....           | 1   |                  |
| 23  | 111582         | YOKE – throttle .....                                 | 1   |                  |
|     |                |                                                       |     |                  |
| A   | 21264          | BOLT - hex head, 3/8 NC x 1-1/4 inch                  |     |                  |
| C   | 18631          | SCREW - machine, #10 NC x 1/2 inch                    |     |                  |
| D   | 18647          | NUT - hex, #10 NC                                     |     |                  |
| E   | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread    |     |                  |
| F   | 109071         | BOLT – round head, square neck, 3/8 NC x 1-1/4 inch   |     |                  |
| G   | 18604          | PIN - cotter, 3/32 x 3/4 inch                         |     |                  |
| H   | 20011          | NUT - hex, #10 NF                                     |     |                  |
| J   | 18577          | SCREW - machine, #10 NC x 3/4 inch                    |     |                  |
| K   | 21821          | BOLT - flange head, 3/8 NC x 3/4 inch                 |     |                  |
| Q   | 18598          | WASHER – flat, 13/32 inch ID                          |     |                  |
| W   | 21573          | BOLT – 1/4 NC x 1 inch                                |     |                  |
| X   | 21821          | BOLT – flange head, 3/8 NC x 3/4 inch                 |     |                  |
| Y   | 18596          | WASHER – flat, 9/32 inch ID                           |     |                  |
| Z   | 18724          | NUT – lock, 1/2 NC, distorted thread                  |     |                  |
|     |                |                                                       |     |                  |
| ~ f | REF            | Indicates where hardware passes through frame member. |     |                  |

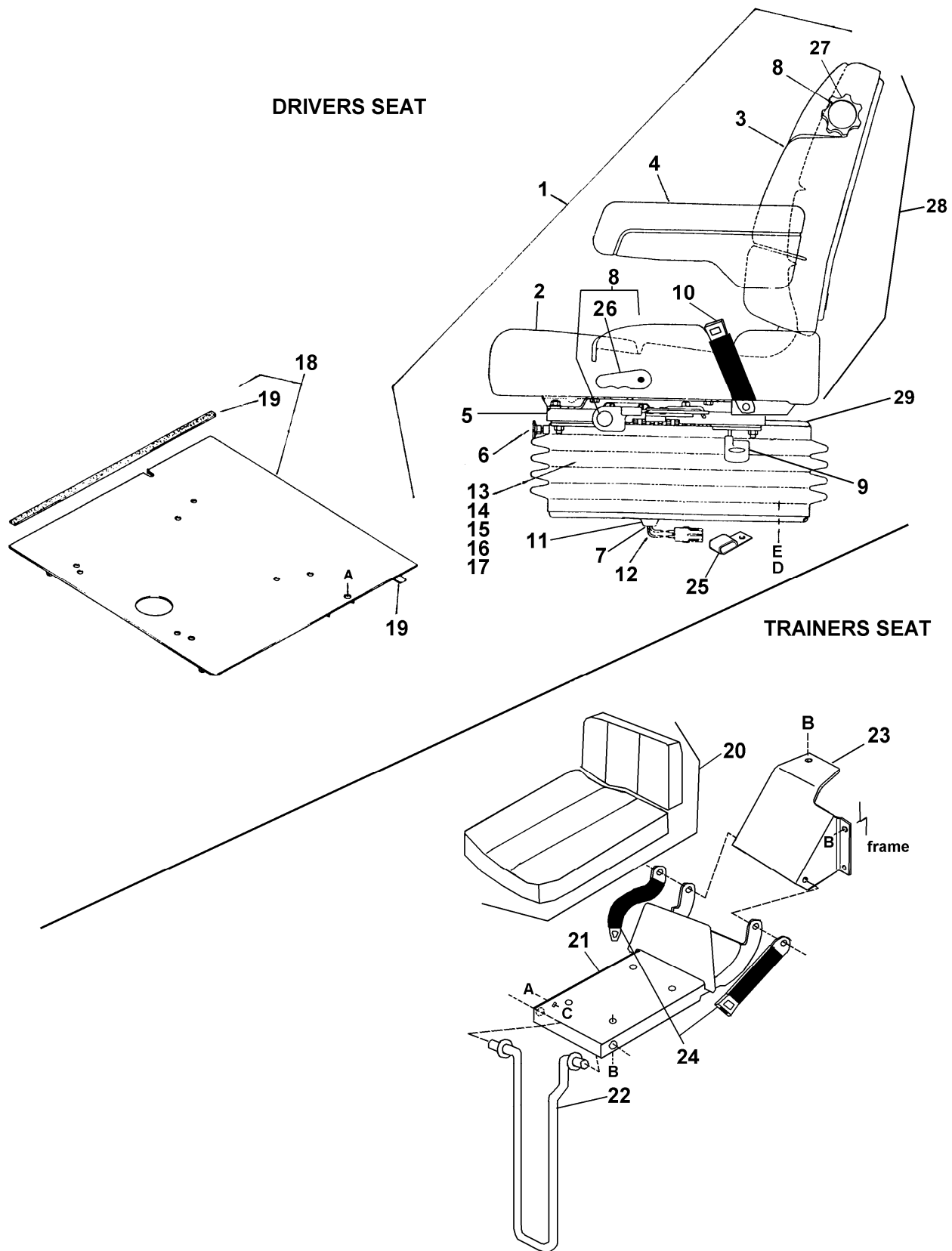
## CAB ELECTRICAL &amp; WIPER



# CAB ELECTRICAL & WIPER

| REF | PART<br>NUMBER | DESCRIPTION                                                                        | QTY | SERIAL<br>NUMBER |
|-----|----------------|------------------------------------------------------------------------------------|-----|------------------|
| 1   | 45826          | HARNESS - cab wiring, with plug and boot (item 25) .....                           | 1   | -144176          |
|     | 163570         | HARNESS - cab wiring, with plug and boot (item 25) (was 45969/111449/112965) ..... | 1   | 144177-          |
| 2   | 21908          | SUPPORT - circuit breakers .....                                                   | 1   |                  |
| 3   | 21910          | BREAKER - 6 amp, head lights and work lights .....                                 | 2   |                  |
| 4   | 109083         | BREAKER - 10 amp, header functions .....                                           | 1   |                  |
|     | 109736         | BREAKER - 12 amp, header functions, XX52i/XX52c brake and header functions .....   | 1   |                  |
| 5   | 21909          | BREAKER - 25 amp, air conditioning .....                                           | 1   |                  |
| 6   | 109825         | MOTOR - wiper (was 109085) .....                                                   | 1   |                  |
| 8   | 109086         | ARM - wiper .....                                                                  | 1   |                  |
| 9   | 109087         | BLADE - wiper .....                                                                | 1   |                  |
| 10  | 45725          | PLATE - wiper .....                                                                | 1   |                  |
| 13  | 30215          | RELAY - electrical .....                                                           | 4   |                  |
| 16  | 42678          | FASTENER - plastic tie, push mount .....                                           | 4   |                  |
| 17  | 16661          | FASTENER - plastic tie .....                                                       | 10  |                  |
| 18  | 24289          | CABLE - ground .....                                                               | 1   |                  |
| 19  | 21943          | SWITCH - park brake .....                                                          | 1   |                  |
| 21  | 109088         | SUPPORT - wiper .....                                                              | 1   |                  |
| 22  | REF            | HANDLE - wiper, see "Windows" .....                                                | 1   |                  |
| 23  | 45940          | HARNESS - speedometer .....                                                        | 1   |                  |
| 24  | 30542          | CLIP - for harness, item 23 .....                                                  | 6   |                  |
| 25  | 109212         | BOOT - rubber .....                                                                | 1   |                  |
| A   | 18634          | WASHER - lock, #10                                                                 |     |                  |
| B   | 18647          | NUT - hex, #10-24 NC                                                               |     |                  |
| C   | 21455          | NUT - serrated flange, 1/4 NC                                                      |     |                  |
| D   | 18598          | WASHER - flat, 13/32 inch ID                                                       |     |                  |
| E   | 109089         | SCREW - hex head, 1/4-28 UNF x 3/4 inch                                            |     |                  |
| F   | 18635          | WASHER - lock, 1/4 inch ID                                                         |     |                  |
| G   | 18589          | NUT - 5/16 NC                                                                      |     |                  |
| H   | 109116         | SCREW - hex head, #12 NC x 1-1/2 inch                                              |     |                  |
| J   | 21821          | BOLT - flange head, 3/8 NC x 3/4 inch                                              |     |                  |
| K   | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread                                 |     |                  |
| L   | 109084         | BOLT - round head, square neck, 1/4 NC x 1-3/4 inch                                |     |                  |
| M   | 21573          | SCREW - hex head, 1/4 NC x 1 inch                                                  |     |                  |
| N   | 18588          | NUT - 1/4 NC                                                                       |     |                  |
| P   | 21056          | NUT - jam, 1/2 NC                                                                  |     |                  |
| Q   | 109090         | SCREW - hex head, #10 NC x 3/8 inch                                                |     |                  |
| R   | 20011          | NUT - hex, #10-32 NF                                                               |     |                  |
| S   | 42292          | SCREW - self tapping, #10 x 1/2 inch                                               |     |                  |
| T   | 21452          | NUT - serrated flange, 3/8 NC                                                      |     |                  |

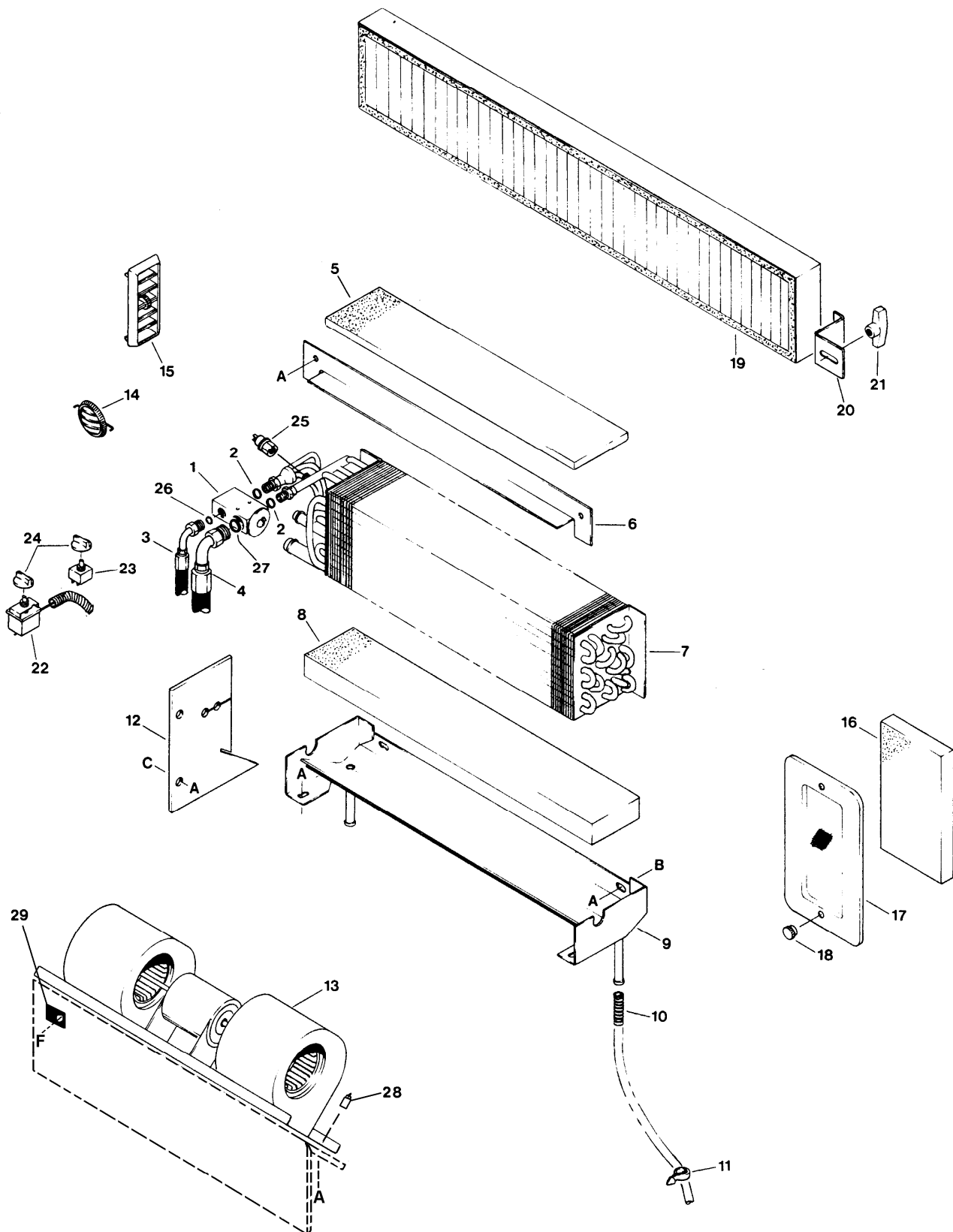
## CAB SEATS



## SEAT

| REF | PART<br>NUMBER | DESCRIPTION                                                                     | QTY | SERIAL<br>NUMBER |
|-----|----------------|---------------------------------------------------------------------------------|-----|------------------|
| 1   | 109964         | SEAT - air suspension, complete (was 109019) .....                              | 1   |                  |
| 2   | 45949          | SEAT CUSHION – drivers seat .....                                               | 1   | -174609          |
|     | 109967         | SEAT CUSHION – drivers seat .....                                               | 1   | 174610-          |
| 3   | 45950          | BACKREST CUSHION – drivers seat .....                                           | 1   | -174609          |
|     | 109966         | BACKREST CUSHION – drivers seat .....                                           | 1   | 174610-          |
| 4   | 42932          | ARMREST – left, drivers seat (for R/H armrest, see “Side Console”, p. 16) ..... | 1   | -174609          |
|     | 109848         | ARMREST – left, drivers seat (for R/H armrest, see “Side Console”, p. 16) ..... | 1   | 174610-          |
|     | 109849         | PAD – L/H armrest .....                                                         | 1   | 174610-          |
| 5   | 42927          | SLIDE SERVICE KIT - includes both sides & latch wire .....                      | 1   |                  |
| 6   | 42937          | AIR CONTROL VALVE SERVICE KIT - includes valve, knob & hardware ..              | 1   |                  |
|     | 45953          | KNOB – air valve with set screw .....                                           | 1   |                  |
| 7   | 109813         | COMPRESSOR / WIRE HARNESS SERVICE KIT – includes: .....                         | 1   |                  |
|     |                | compressor, harness & hardware (was 42934)                                      |     |                  |
| 8   | 45951          | KNOB SERVICE KIT – includes: .....                                              | 1   | -174609          |
|     |                | • back tilt knob (item 26) and recliner handle assembly                         |     |                  |
|     |                | • lumbar support knob                                                           |     |                  |
|     |                | • fore-aft knob                                                                 |     |                  |
| 9   | 45952          | KNOB – fore-aft isolator .....                                                  | 1   |                  |
| 10  | 45954          | SEAT BELT – drivers seat .....                                                  | 1   |                  |
| 11  | 45955          | SWITCH – seat .....                                                             | 1   | -174609          |
|     | 109968         | SWITCH – seat .....                                                             | 1   | 174610-          |
| 12  | 45956          | HARNESS – seat switch .....                                                     | 1   | -174609          |
|     | 109969         | HARNESS – seat switch .....                                                     | 1   | 174610-          |
| 13  | 42926          | VERTICAL SUSPENSION SHOCK SERVICE KIT .....                                     | 1   |                  |
| 14  | 42930          | FORE-AFT ISOLATOR SHOCK SERVICE KIT .....                                       | 1   |                  |
| 15  | 42931          | BEARING SERVICE KIT - includes all bearings .....                               | 1   |                  |
| 16  | 42929          | AIR LINE & FITTING SERVICE KIT .....                                            | 1   | -146999          |
|     | 109812         | AIR LINE & FITTING SERVICE KIT .....                                            | 1   | 147000-          |
| 17  | 42938          | AIR SPRING (air bag) .....                                                      | 1   |                  |
| 18  | 45853          | PANEL - seat, with seals .....                                                  | 1   |                  |
| 19  | 25051          | SEAL - foam .....                                                               | 2   |                  |
| 20  | 109100         | CUSHION – trainers seat .....                                                   | 1   |                  |
| 21  | 45691          | ANGLE – trainers seat mount .....                                               | 1   |                  |
| 22  | 45687          | ROD – trainer seat .....                                                        | 1   |                  |
| 23  | 45700          | SUPPORT – trainers seat .....                                                   | 1   |                  |
| 24  | 109102         | SEAT BELT – trainers seat .....                                                 | 1   |                  |
| 25  | 39272          | CLIP – for cab harness .....                                                    | 1   |                  |
| 26  | 45973          | KNOB – seat back tilt .....                                                     | 1   | -174609          |
|     | 109851         | RECLINER KIT – knob, brackets, springs & hardware .....                         | 1   | 174610-          |
|     | 109852         | RECLINER KNOB .....                                                             | 1   | 174610-          |
| 27  | 109853         | KNOB – lumbar with roll pin .....                                               | 1   | 174610-          |
| 28  | 109965         | SEAT TOP – assembly .....                                                       | 1   | 174610-          |
| 29  | 109970         | SEAT ADAPTER PLATE .....                                                        | 1   | 174610-          |
| A   | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread                              |     |                  |
| B   | 50076          | BOLT – flange, 3/8 NC x 5/8 inch                                                |     |                  |
| C   | 42287          | BOLT – socket, button head, 3/8 NC x ½ inch                                     |     |                  |
| D   | 30715          | BOLT - hex head, M8 x 20 mm                                                     |     |                  |
| E   | 30716          | WASHER - lock, M8                                                               |     |                  |

# CAB AIR CONDITIONING & BLOWER GROUP

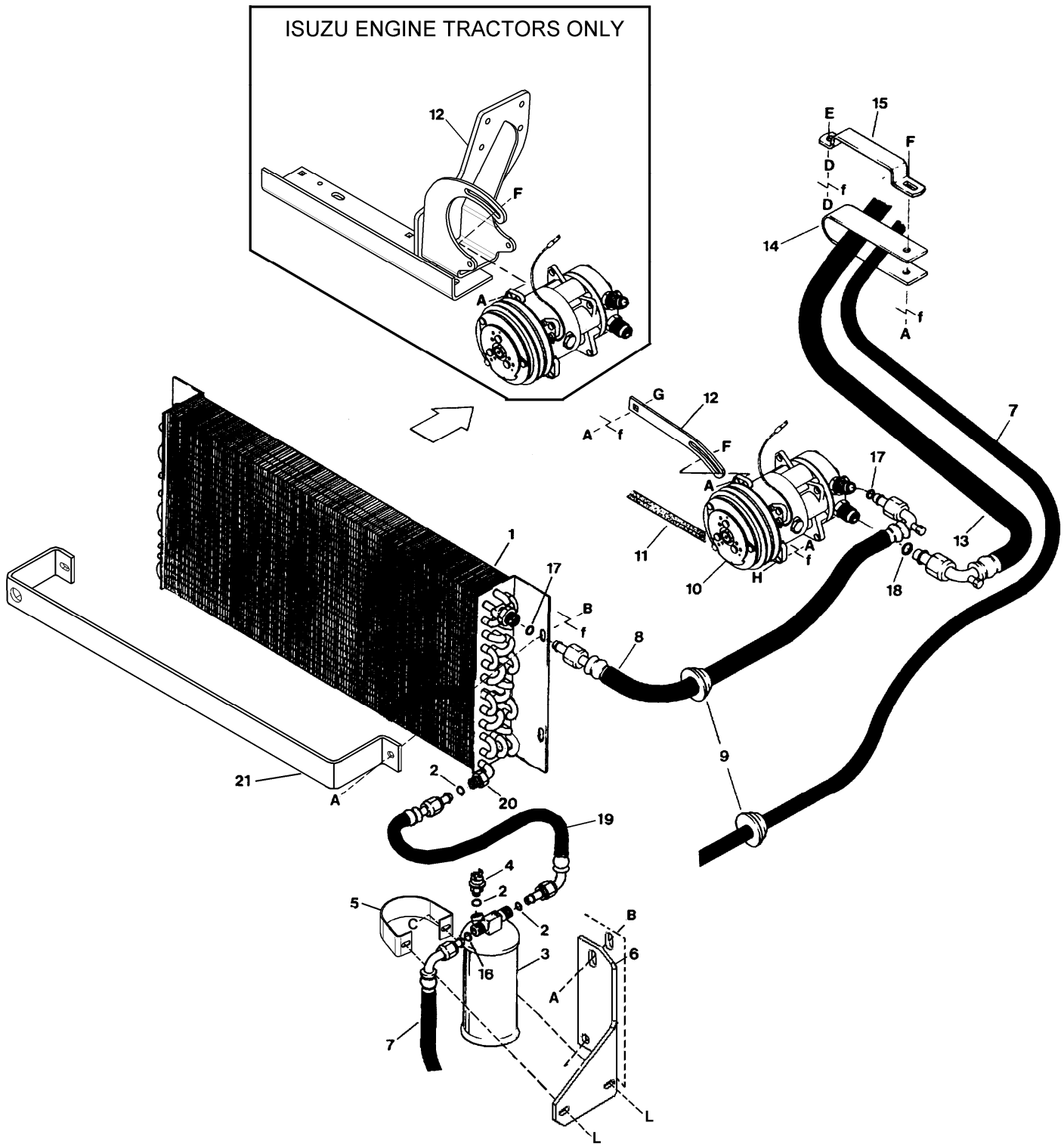


## CAB AIR CONDITIONING & BLOWER GROUP

| REF | PART<br>NUMBER | DESCRIPTION                                                            | QTY | SERIAL<br>NUMBER |
|-----|----------------|------------------------------------------------------------------------|-----|------------------|
| 1   | 42879          | VALVE - expansion .....                                                | 1   |                  |
| 2   | 42895          | O-RING - evaporator to expansion valve .....                           | 4   |                  |
| 3   | 42893          | HOSE - air conditioning, liquid.....                                   | 1   |                  |
| 4   | 42891          | HOSE - air conditioning, suction.....                                  | 1   |                  |
| 5   | 42277          | INSULATOR - foam .....                                                 | 1   |                  |
| 6   | 42442          | RETAINER - evaporator .....                                            | 1   |                  |
| 7   | 42878          | EVAPORATOR / HEATER CORE.....                                          | 1   |                  |
| 8   | 42276          | BAFFLE - foam .....                                                    | 1   |                  |
| 9   | 42436          | PAN - condensate, (includes foam pad bonded to underside of pan) ..... | 1   |                  |
| 10  | 42275          | HOSE - drain .....                                                     | 1   |                  |
| 11  | 42523          | CLIP - drain hose.....                                                 | 4   |                  |
| 12  | 42282          | PAD - rubber.....                                                      | 1   |                  |
| 13  | 45822          | BLOWER - complete .....                                                | 1   |                  |
| 14  | 42076          | VENTILATOR - circular .....                                            | 4   |                  |
| 15  | 42067          | VENTILATOR - rectangular.....                                          | 3   |                  |
| 16  | 25086          | FILTER - return air, (located on cab rear wall) .....                  | 2   |                  |
| 17  | 25102          | GRILL - return air filter .....                                        | 2   |                  |
| 18  | 21931          | KNOB - plastic .....                                                   | 4   |                  |
| 19  | 42445          | CLEANER - air intake, (located under rear overhang of cab roof) .....  | 1   |                  |
| 20  | 42598          | RETAINER - cleaner .....                                               | 1   |                  |
| 21  | 42075          | KNOB - plastic .....                                                   | 1   |                  |
| 22  | 42518          | THERMOSTAT - with capillary tube & conduit .....                       | 1   |                  |
| 23  | 109078         | SWITCH - blower control.....                                           | 1   |                  |
| 24  | 42727          | KNOB - control .....                                                   | 2   |                  |
| 25  | 42925          | SWITCH - low pressure.....                                             | 1   |                  |
| 26  | 42894          | O-RING - for hose 42893.....                                           | 2   |                  |
| 27  | 42896          | O-RING - for hose 42891.....                                           | 2   |                  |
| 28  | 109004         | HOLDER - blower .....                                                  | 2   |                  |
| 29  | 109082         | RESISTOR - blower.....                                                 | 1   |                  |
| A   | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread                     |     |                  |
| B   | 21821          | BOLT - flange head, 3/8 NC x 3/4 inch                                  |     |                  |
| C   | 21863          | BOLT - round head, square neck, 3/8 NC x 3/4 inch                      |     |                  |
| F   | 42292          | SCREW - self tapping                                                   |     |                  |
| ~ f | REF            | Indicates where hardware passes through frame member.                  |     |                  |

NOTE: For related parts, see "Air Conditioning - Engine Group", page 31.

## AIR CONDITIONING - ENGINE GROUP



## AIR CONDITIONING - ENGINE GROUP

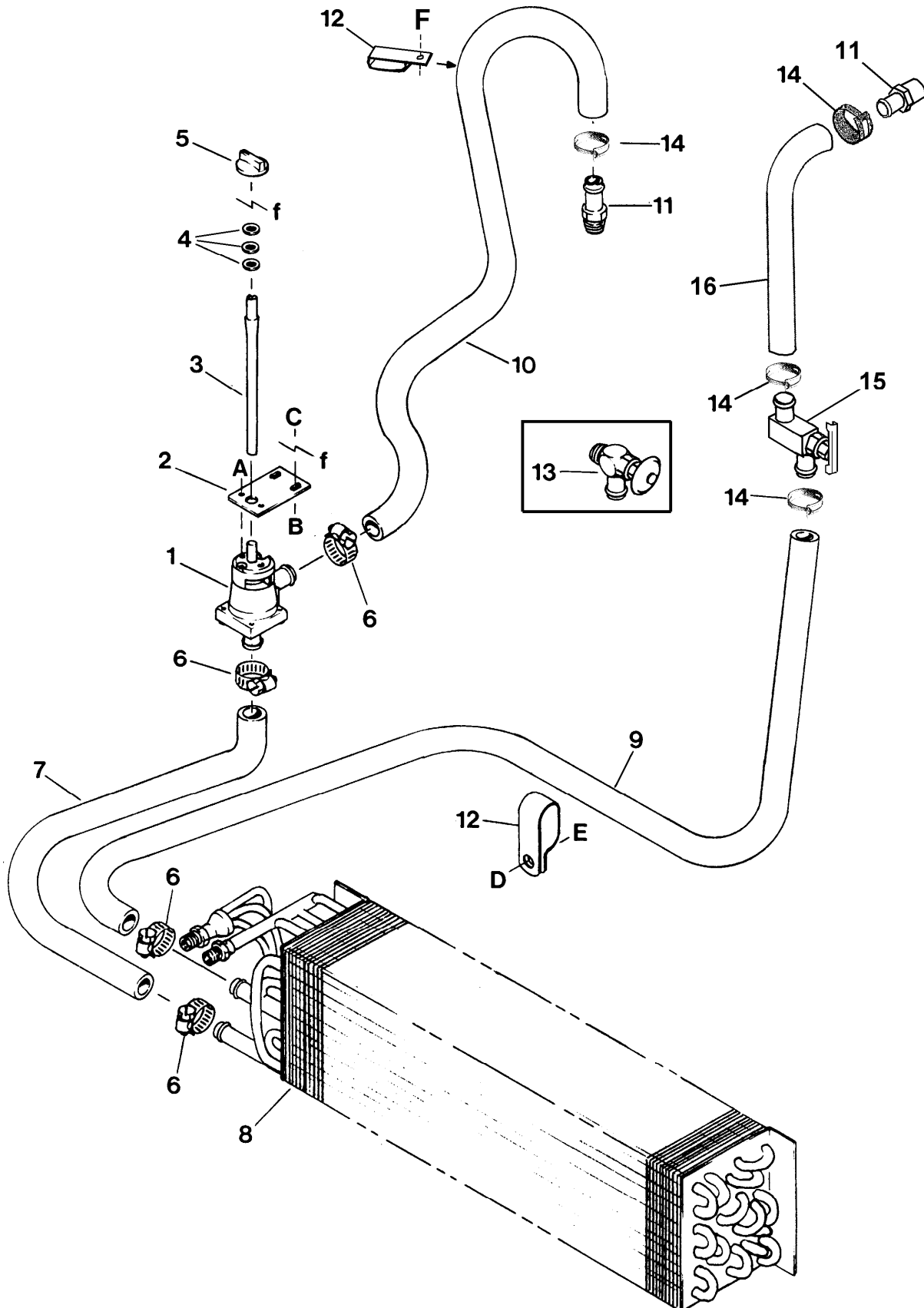
| REF | PART<br>NUMBER | DESCRIPTION                                                               | QTY | SERIAL<br>NUMBER |
|-----|----------------|---------------------------------------------------------------------------|-----|------------------|
| 1   | 112195         | CONDENSER (includes item 20) .....                                        | 1   |                  |
| 2   | 42894          | O-RING - condenser to drier (2) & switch to drier .....                   | 3   |                  |
| 3   | 112082         | DRIER/RECEIVER .....                                                      | 1   |                  |
| 4   | 112081         | SWITCH - high pressure - with O-ring 42894 .....                          | 1   |                  |
| 5   | 112196         | BAND - drier mount .....                                                  | 1   |                  |
| 6   | 112093         | SUPPORT - drier .....                                                     | 1   |                  |
| 7   | 42893          | HOSE - air conditioning, liquid .....                                     | 1   |                  |
| 8   | 45820          | HOSE - air conditioning, discharge .....                                  | 1   |                  |
| 9   | 45155          | GROMMET - hose protector .....                                            | 2   |                  |
| 10  | 42920          | COMPRESSOR - see Note 2 .....                                             | 1   |                  |
| 11  | 21964          | BELT - compressor drive .....                                             | 1   |                  |
| 12  | 111013         | BAR - belt tightener, all except XX52i tractors .....                     | 1   |                  |
|     | 111270         | MOUNT - engine, with alternator belt tightener, XX52i tractors only ..... | 1   |                  |
| 13  | 42891          | HOSE - air conditioning, suction .....                                    | 1   |                  |
| 14  | 44336          | STRIP - hose protector .....                                              | 2   |                  |
| 15  | 44485          | HOLDER - hose .....                                                       | 2   |                  |
| 16  | 42894          | O-RING - for hose 42893 .....                                             | 2   |                  |
| 17  | 42895          | O-RING - for hose 45820 .....                                             | 2   |                  |
| 18  | 42896          | O-RING - for hose 42891 .....                                             | 2   |                  |
| 19  | 45819          | HOSE - air conditioning, liquid .....                                     | 1   |                  |
| 20  | 45614          | FITTING - adapter (brazed on to condenser) .....                          | 1   |                  |
| 21  | 112207         | GUARD - coolers .....                                                     | 1   |                  |
| A   | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread                        |     |                  |
| B   | 21863          | BOLT - round head, square neck, 3/8 NC x 3/4 inch                         |     |                  |
| C   | 21476          | BOLT - round head, square neck, 1/4 NC X 3/4 inch                         |     |                  |
| D   | 18591          | NUT - hex, 3/8 NC                                                         |     |                  |
| E   | 18723          | BOLT - hex head, 1/2 NC x 1-1/2 inch                                      |     |                  |
| F   | 19966          | BOLT - round head, square neck, 3/8 NC x 1-1/4 inch                       |     |                  |
| G   | 19965          | BOLT - round head, square neck, 3/8 NC x 1 inch                           |     |                  |
| H   | 21264          | BOLT - hex head, 3/8 NC x 1-1/4 inch                                      |     |                  |
| L   | 18724          | NUT - lock, 1/4 NC distorted thread                                       |     |                  |

~ f REF Indicates where hardware passes through frame or support member.

### NOTES:

1. For related parts, see "Cab Air Conditioning & Blower Group", page 29.
2. Compressor includes total system requirement of refrigerant oil: 240 cc (8.1 US fl.oz.) SP-16 PAG.

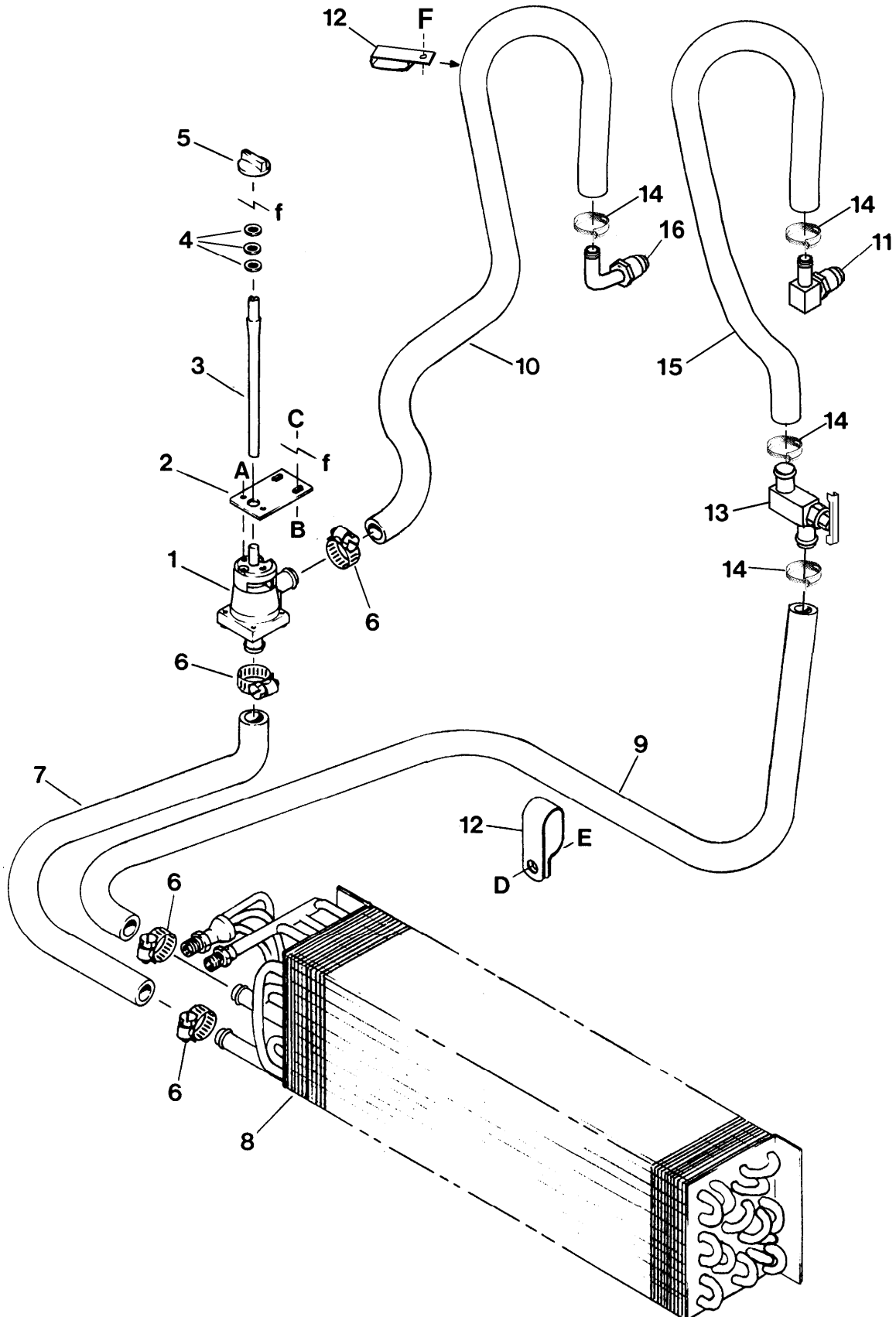
## HEATER – CUMMINS ENGINE TRACTOR



## HEATER – CUMMINS ENGINE TRACTOR

| REF | PART<br>NUMBER | DESCRIPTION                                                                          | QTY | SERIAL<br>NUMBER |
|-----|----------------|--------------------------------------------------------------------------------------|-----|------------------|
| 1   | 30334          | VALVE - heater.....                                                                  | 1   |                  |
| 2   | 42658          | SUPPORT - heater valve .....                                                         | 1   |                  |
| 3   | 42657          | TUBE - heater control.....                                                           | 1   |                  |
| 4   | 18596          | WASHER – flat, sae 9/32 inch ID .....                                                | 1   |                  |
| 5   | 42727          | KNOB - control .....                                                                 | 1   |                  |
| 6   | 21349          | CLAMP – hose, gear type.....                                                         | 4   |                  |
| 7   | 24936          | HOSE - heater, valve to bottom of heater core .....                                  | 1   |                  |
| 8   | 42878          | HEATER CORE / EVAPORATOR.....                                                        | 1   |                  |
| 9   | 42280          | HOSE - heater, engine water pump housing to top of heater core.....                  | 1   | -162249          |
|     | 111784         | HOSE – heater, engine shut-off valve to top of heater core .....                     | 1   | 162250-          |
| 10  | 42279          | HOSE - heater, valve to top of engine block (fan end) .....                          | 1   |                  |
| 11  | 112662         | FITTING - heater, 1/2 NPT x 5/8 inch ID hose (was 6137), (qty = 1 up to SN 162249).. | 2   |                  |
| 12  | 50022          | CLIP - insulated .....                                                               | 4   |                  |
| 13  | 101904         | VALVE - shut off.....                                                                | 1   | -162249          |
| 14  | 112692         | CLAMP – hose, constant tension type, (qty = 2 up to SN 162249) .....                 | 4   |                  |
| 15  | 111391         | VALVE – shut off .....                                                               | 1   | 162250-          |
| 16  | 111783         | HOSE – heater, shut-off valve to engine water pump housing.....                      | 1   | 162250-          |
| A   | 30366          | SCREW - self tapping, #10 x 3/8 inch                                                 |     |                  |
| B   | 21492          | NUT - serrated flange, #10 NC                                                        |     |                  |
| C   | 42284          | SCREW - machine, #10 NC x 1/2 inch                                                   |     |                  |
| D   | 21863          | BOLT - round head, square neck, 3/8 NC x 3/4 inch                                    |     |                  |
| E   | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread                                   |     |                  |
| F   | 21821          | BOLT – hex head, 3/8 NC x 3/4 inch                                                   |     |                  |
| ~ f | REF            | Indicates where hardware passes through frame or support member.                     |     |                  |

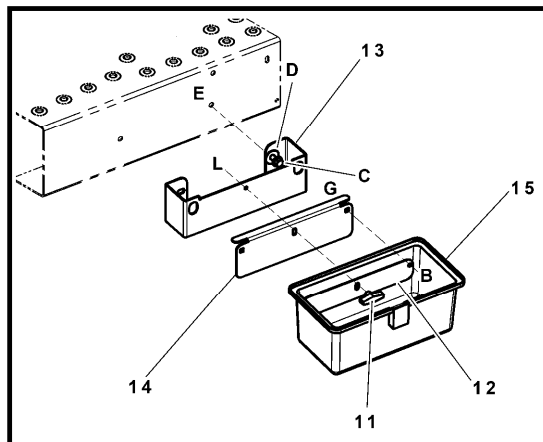
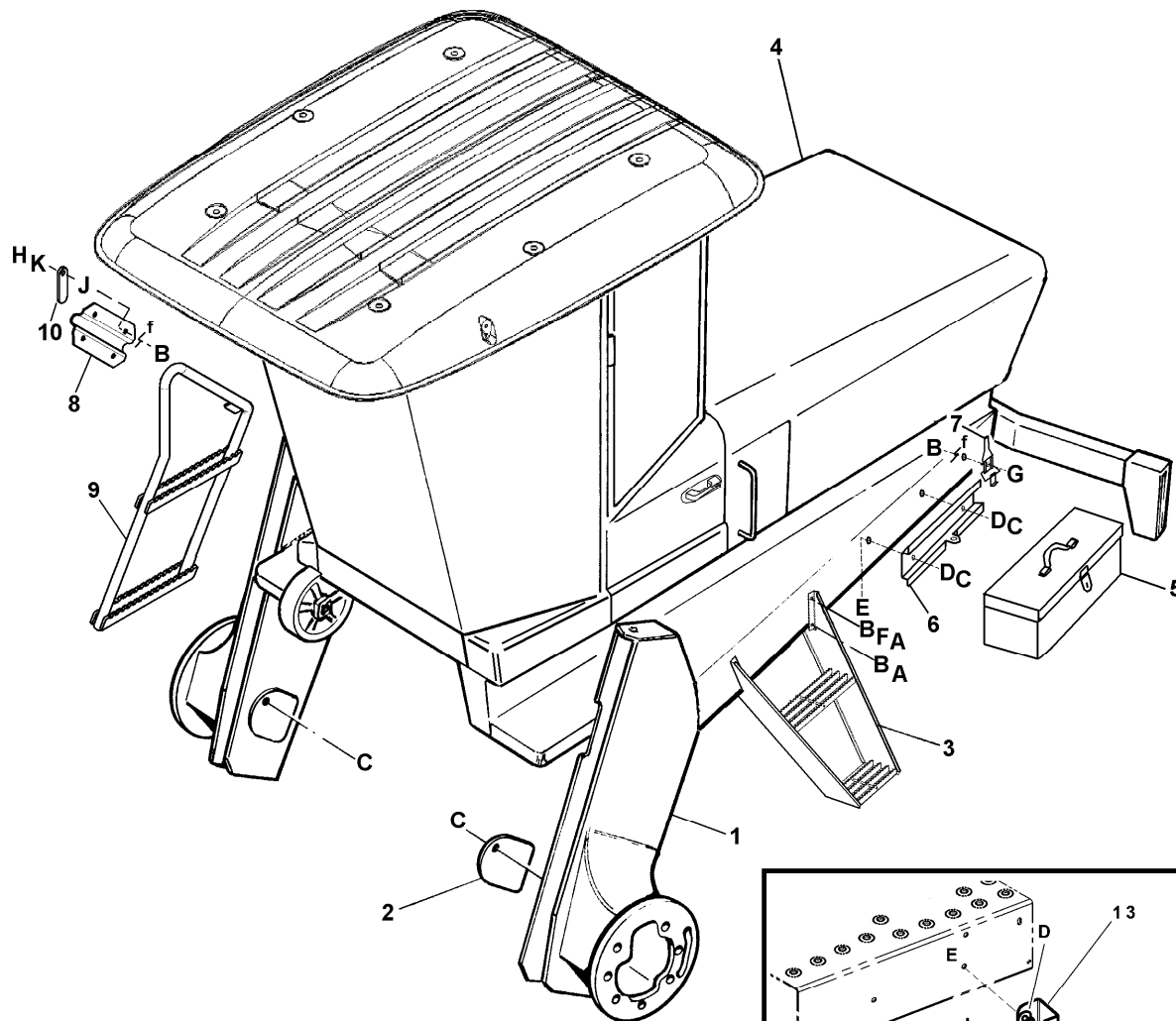
## HEATER – ISUZU ENGINE TRACTOR



## HEATER – ISUZU ENGINE TRACTOR

| REF | PART<br>NUMBER | DESCRIPTION                                                      | QTY | SERIAL<br>NUMBER |
|-----|----------------|------------------------------------------------------------------|-----|------------------|
| 1   | 30334          | VALVE - heater.....                                              | 1   |                  |
| 2   | 42658          | SUPPORT - heater valve .....                                     | 1   |                  |
| 3   | 42657          | TUBE - heater control .....                                      | 1   |                  |
| 4   | 18596          | WASHER – flat, sae 9/32 inch ID .....                            | 1   |                  |
| 5   | 42727          | KNOB - control .....                                             | 1   |                  |
| 6   | 21349          | CLAMP – hose, gear type.....                                     | 4   |                  |
| 7   | 24936          | HOSE - heater, valve to bottom of heater core .....              | 1   |                  |
| 8   | 42878          | HEATER CORE / EVAPORATOR.....                                    | 1   |                  |
| 9   | 111395         | HOSE - heater, engine water pump housing to shut off valve.....  | 1   |                  |
| 10  | 42279          | HOSE - heater, valve to top of engine block (fan end) .....      | 1   |                  |
| 11  | 111448         | FITTING – elbow, 1/2 NPT x 5/8 inch ID hose .....                | 1   |                  |
| 12  | 50022          | CLIP - insulated .....                                           | 4   |                  |
| 13  | 111391         | VALVE - shut off.....                                            | 1   |                  |
| 14  | 112692         | CLAMP – hose, constant tension type .....                        | 4   |                  |
| 15  | 24936          | HOSE – heater, shut off valve to engine water pump housing ..... | 1   |                  |
| 16  | 111402         | ELBOW – heater supply (Isuzu # 5-13721-034-1).....               | 1   |                  |
| A   | 30366          | SCREW - self tapping, #10 x 3/8 inch                             |     |                  |
| B   | 21492          | NUT - serrated flange, #10 NC                                    |     |                  |
| C   | 42284          | SCREW - machine, #10 NC x 1/2 inch                               |     |                  |
| D   | 21863          | BOLT - round head, square neck, 3/8 NC x 3/4 inch                |     |                  |
| E   | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread               |     |                  |
| F   | 21821          | BOLT – hex head, 3/8 NC x 3/4 inch                               |     |                  |
| ~ f | REF            | Indicates where hardware passes through frame or support member. |     |                  |

## MAIN FRAME &amp; COVERS



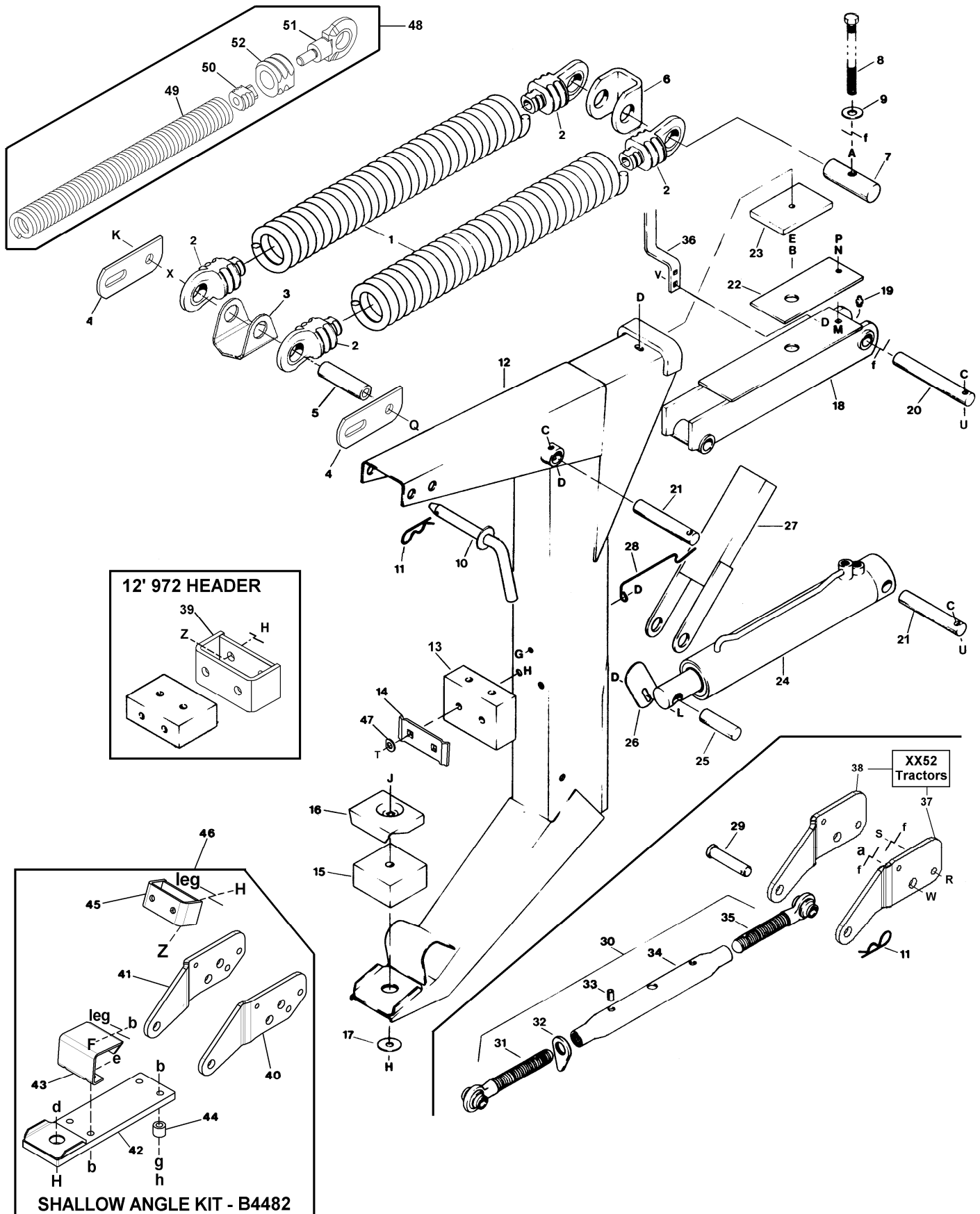
REPLACEMENT TOOLBOX

# MAIN FRAME & COVERS

| REF | PART<br>NUMBER | DESCRIPTION                                           | QTY | SERIAL<br>NUMBER |
|-----|----------------|-------------------------------------------------------|-----|------------------|
| 1   | REF            | FRAME - main, not serviced.....                       | 1   |                  |
| 2   | 45188          | COVER - left inner leg .....                          | 1   |                  |
|     | 45189          | COVER - right inner leg .....                         | 1   |                  |
| 3   | 110012         | LADDER – step, left side (was 45860) .....            | 1   |                  |
| 4   | REF            | COVER - engine, see "Engine Superstructure" .....     | 1   |                  |
| 5   | 21165          | TOOL BOX (see note 1) .....                           | 1   | -174609          |
| 6   | 21166          | BRACKET – toolbox mounting .....                      | 1   | -174609          |
| 7   | 45948          | HOLDER – grease gun.....                              | 1   |                  |
| 8   | 112437         | BRACKET – right ladder.....                           | 1   |                  |
| 9   | 112448         | LADDER – step, right side.....                        | 1   |                  |
| 10  | 112461         | ARM – right ladder.....                               | 1   |                  |
| 11  | 42075          | KNOB – toolbox bracket .....                          | 1   | 174610-          |
| 12  | 167019         | PLATE – mount .....                                   | 1   | 174610-          |
| 13  | 167016         | BRACKET – toolbox holder .....                        | 1   | 174610-          |
| 14  | 167017         | BRACKET – toolbox .....                               | 1   | 174610-          |
| 15  | 167047         | TOOLBOX .....                                         | 1   | 174610-          |
| A   | 21975          | BOLT - hex head, 3/8 NC x 1 inch                      |     |                  |
| B   | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread    |     |                  |
| C   | 21449          | BOLT - flange head, 1/2 NC x 1 inch                   |     |                  |
| D   | 32247          | WASHER – flat, 1/2 inch ID                            |     |                  |
| E   | 21383          | NUT – flange, 1/2 NC                                  |     |                  |
| F   | 37676          | WASHER – flat                                         |     |                  |
| G   | 21863          | BOLT – round head, square neck, 3/8 NC x 3/4 inch     |     |                  |
| H   | 21561          | BOLT – hex head, 3/8 NC x 1-1/2 inch                  |     |                  |
| J   | 18590          | NUT – hex, 3/8 NC                                     |     |                  |
| K   | 18598          | WASHER – flat, 13/32 inch ID                          |     |                  |
| L   | 135193         | SCREW –hex wash hd thd rolling 3/8 NC X 1.0           |     |                  |
| ~ f | REF            | Indicates where hardware passes through frame member. |     |                  |

NOTE: If prior production toolbox (item 5 - 21165) is not available, kit 167027 will be substituted. This Kit includes items 11-15 and applicable hardware.

## LIFT LINKAGE

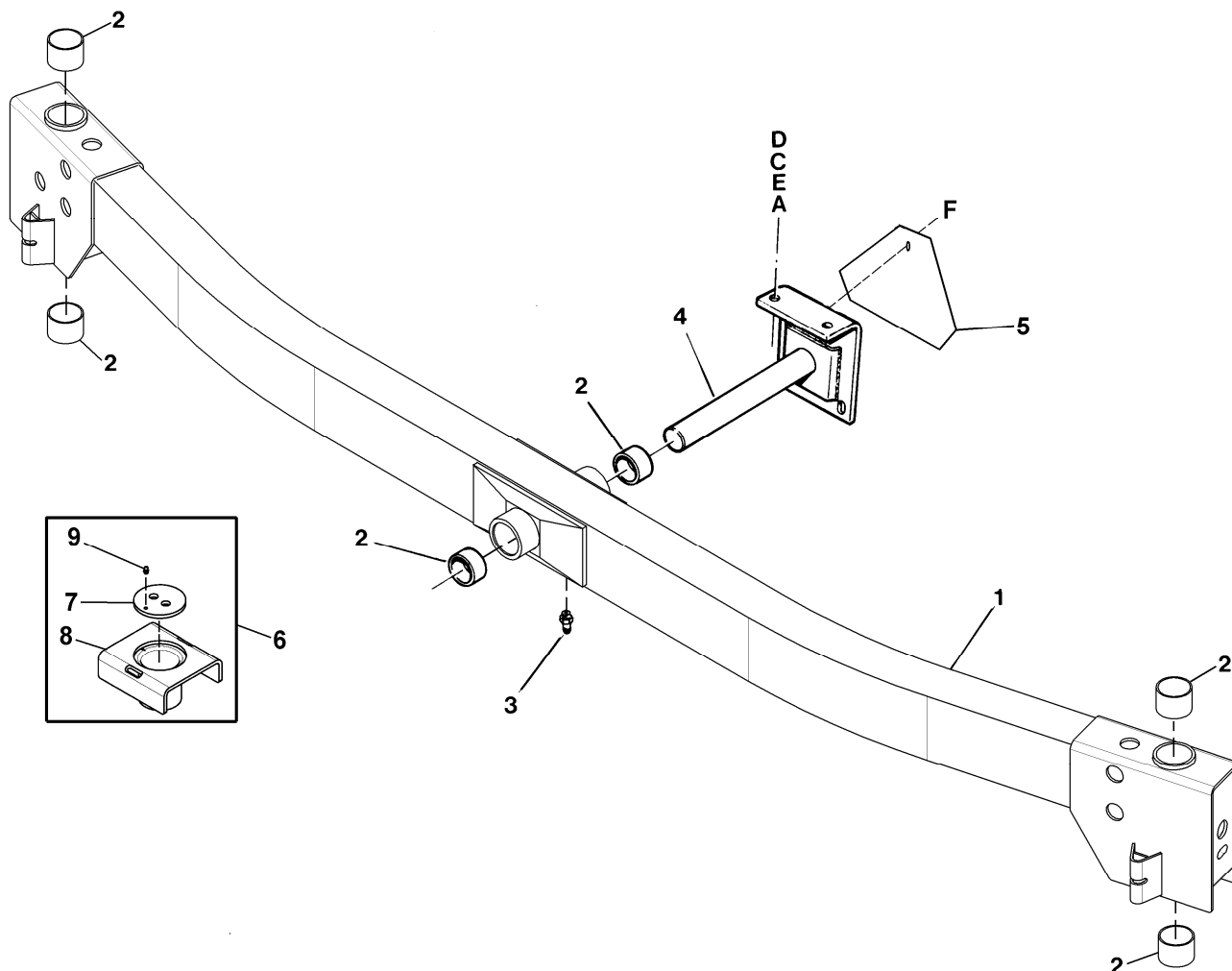


## LIFT LINKAGE

| REF | PART<br>NUMBER | DESCRIPTION                                                              | QTY | SERIAL<br>NUMBER |                                               |
|-----|----------------|--------------------------------------------------------------------------|-----|------------------|-----------------------------------------------|
| 1   | 45858          | SPRING - extension .....                                                 | 4   |                  |                                               |
| 2   | 42691          | INSERT - spring.....                                                     | 8   |                  |                                               |
| 3   | 112226         | SUPPORT - front spring mount .....                                       | 2   |                  |                                               |
| 4   | 112224         | BAR - front mount.....                                                   | 4   |                  |                                               |
| 5   | 112225         | TUBE – front mount .....                                                 | 2   |                  |                                               |
| 6   | 44601          | CLEVIS - rear mount .....                                                | 2   |                  |                                               |
| 7   | 44995          | PIN - straight, rear spring.....                                         | 2   |                  |                                               |
| 8   | 44994          | DRAW BOLT - spring, hex head.....                                        | 2   |                  |                                               |
| 9   | 30441          | WASHER - flat, hardened.....                                             | 2   |                  |                                               |
| 10  | 112269         | PIN - "L" .....                                                          | 2   |                  |                                               |
| 11  | 13125          | PIN - hair.....                                                          | 4   |                  |                                               |
| 12  | 45931          | ● SUPPORT - linkage, with decals.....                                    | 2   |                  |                                               |
|     | 45961          | ■ SUPPORT – linkage, with decals .....                                   | 2   |                  |                                               |
| 13  | 44577          | BLOCK - wear (shown positioned for 920, 930 or 940 series headers) ..... | 2   |                  |                                               |
| 14  | 45886          | BAR - wear block .....                                                   | 2   |                  |                                               |
| 15  | 42498          | PAD - rubber, lower leg.....                                             | 2   |                  |                                               |
| 16  | 44575          | PLATE - pad cover .....                                                  | 2   |                  |                                               |
| 17  | 11695          | WASHER - flat.....                                                       | 2   |                  |                                               |
| 18  | 44977          | ARM - top link, with lube fitting (item 19) .....                        | 2   |                  |                                               |
| 19  | 21887          | FITTING - lube.....                                                      | 2   |                  |                                               |
| 20  | 44590          | PIN - top link (rear) .....                                              | 2   |                  |                                               |
| 21  | 44988          | PIN - cylinder (rear) and top link (front) .....                         | 4   |                  |                                               |
| 22  | 45038          | PLATE - header levelling .....                                           | 4   |                  |                                               |
| 23  | 42497          | PAD - rubber, top link .....                                             | 2   |                  |                                               |
| 24  | REF            | CYLINDER - header lift, see "Hydraulics: Cylinder Control, page 85       |     |                  |                                               |
| 25  | 44823          | PIN - cylinder (front).....                                              | 2   |                  |                                               |
| 26  | 44822          | BAR - cylinder mount.....                                                | 2   |                  |                                               |
| 27  | 44817          | STOP - cylinder .....                                                    | 2   |                  |                                               |
| 28  | 44784          | HOOK - cylinder stop.....                                                | 2   |                  |                                               |
| 29  | 20312          | PIN - clevis, center link .....                                          | 2   |                  |                                               |
| 30  | 42104          | JOINT ASSEMBLY - center link, includes items 31 to 35.....               | 1   |                  |                                               |
| 31  | 42432          | JOINT - ball, R/H thread (header end).....                               | 1   |                  |                                               |
| 32  | 42433          | COLLAR - locking.....                                                    | 1   |                  |                                               |
| 33  |                | PIN - roll.....                                                          | 2   |                  |                                               |
| 34  | 42434          | TUBE - center link.....                                                  | 1   |                  |                                               |
| 35  | 42431          | JOINT - ball, L/H thread (tractor end) .....                             | 1   |                  |                                               |
| 36  | 45490          | BAR - header height gauge, with indicator decal.....                     | 1   |                  |                                               |
| 37  | 110009         | ■ PLATE – left, center link extension.....                               | 1   |                  |                                               |
| 38  | 110010         | ■ PLATE – right, center link extension.....                              | 1   |                  |                                               |
| 39  | 118283         | EXTENSION – wear block, 12' 972 header only .....                        | 2   |                  |                                               |
| 40  | 110276         | PLATE – L/H, shallow angle kit .....                                     | 1   |                  |                                               |
| 41  | 110277         | PLATE – R/H, shallow angle kit .....                                     | 1   |                  |                                               |
| 42  | 110281         | SPACER – lower leg, shallow angle kit .....                              | 2   |                  |                                               |
| 43  | 110282         | CHANNEL – retainer, shallow angle kit.....                               | 2   |                  |                                               |
| 44  | 110285         | TUBE – spacer, shallow angle kit.....                                    | 4   |                  |                                               |
| 45  | 118283         | SUPPORT – shallow angle kit.....                                         | 2   |                  |                                               |
| 46  | B4482          | KIT – shallow angle, consists of items 40-45.....                        | OPT |                  |                                               |
|     |                | (Kit available through WholeGoods only)                                  |     |                  |                                               |
| 47  | 36229          | WASHER – flat, cropped .....                                             | 4   |                  |                                               |
| 48  | B2773          | KIT – auxiliary float spring kit (includes one each of items 49–52)..... | OPT |                  |                                               |
| 49  | 40766          | SPRING – auxiliary spring.....                                           | A/R |                  |                                               |
| 50  | 41357          | INSERT – auxiliary float spring.....                                     | A/R |                  |                                               |
| 51  | 113747         | INSERT – auxiliary float spring.....                                     | A/R |                  |                                               |
| 52  | 113748         | INSERT – auxiliary float spring.....                                     | A/R |                  |                                               |
| A   | 18592          | NUT - hex, 5/8 NC                                                        | S   | 18697            | NUT – lock, 1/2 NC distorted thread           |
| B   | 21561          | BOLT - hex head, 3/8 NC x 1-1/2 inch                                     | T   | 30011            | BOLT - hh, 1/2 NC x 3-1/4, Multi-Crop Headers |
| C   | 21354          | BOLT - hex head, 3/8 NC x 2 inch                                         | T   | 21597            | BOLT – hh, 1/2 NC x 5 inch: Draper Headers    |
| D   | 30228          | NUT - lock, smooth flange, 3/8 NC dist. thd.                             | U   | 18669            | NUT – lock, 3/8 NC distorted thread           |
| E   | 18598          | WASHER - flat, 13/32 inch ID                                             | V   | 19965            | BOLT - round head, sq nk, 3/8 NC x 1 inch     |
| F   | 21868          | BOLT – rnd hd, sq nk, 1/2 NC x 1 inch                                    | W   | 102495           | BOLT – hex head, 3/4 NC x 1-1/2 inch          |
| G   | 21567          | BOLT - hex head, 3/8 NC x 3/4 inch                                       | X   | 18601            | ■ WASHER - flat, 13/16 inch ID                |
| H   | 21389          | NUT - lock, 1/2 NC nylon insert                                          | Z   | 21575            | BOLT – hex head, 1/2 NC x 1 inch              |
| J   | 30266          | BOLT - round head, sq nk, 1/2 NC x 3 inch                                | a   | 102636           | NUT – side lock, 3/4 NC dist. thd.            |
| K   | 18689          | NUT – lock, 3/4 NC                                                       | b   | 50186            | NUT – lock, smth flg, 1/2 NC                  |
| L   | 21472          | BOLT - rnd hd, sq nk, 3/8 NC x 3/4 inch                                  | d   | 30849            | BOLT – rnd hd, sq nk, 1/2 NC x 3-1/2 inch     |
| M   | 19966          | BOLT - rnd hd, sq nk, 3/8 NC x 1-1/4 inch                                | e   | 21565            | BOLT – hex head, 1/2 NC x 1-3/4 inch          |
| N   | 18637          | WASHER - lock, 3/8 inch ID                                               | g   | 18599            | WASHER – flat                                 |
| P   | 18590          | NUT - hex, 3/8 NC                                                        | h   | 21578            | BOLT – hex head, 1/2 NC x 2-1/4 inch          |
| Q   | 30387          | BOLT – hex head, 3/4 NC x 6-1/2 inch                                     | ~ f | REF              | Indicates hardware passes thru frame.....     |
| R   | 18723          | BOLT - hex head, 1/2 NC x 1-1/2 inch                                     |     |                  |                                               |

● - MacDon 9250/9350, Westward 9250/9350, Prairie Star 4940/4950, Premier 2940/2950, Harvest Pro 8140/8150  
 ■ - MD 9352/9352i/9352c, WP 9352/9352i/9352c, PS 4952/4952i/4952c, PR 2952/2952i/2952c, HP8152/8152i/8152c

## WALKING BEAM &amp; PIVOT



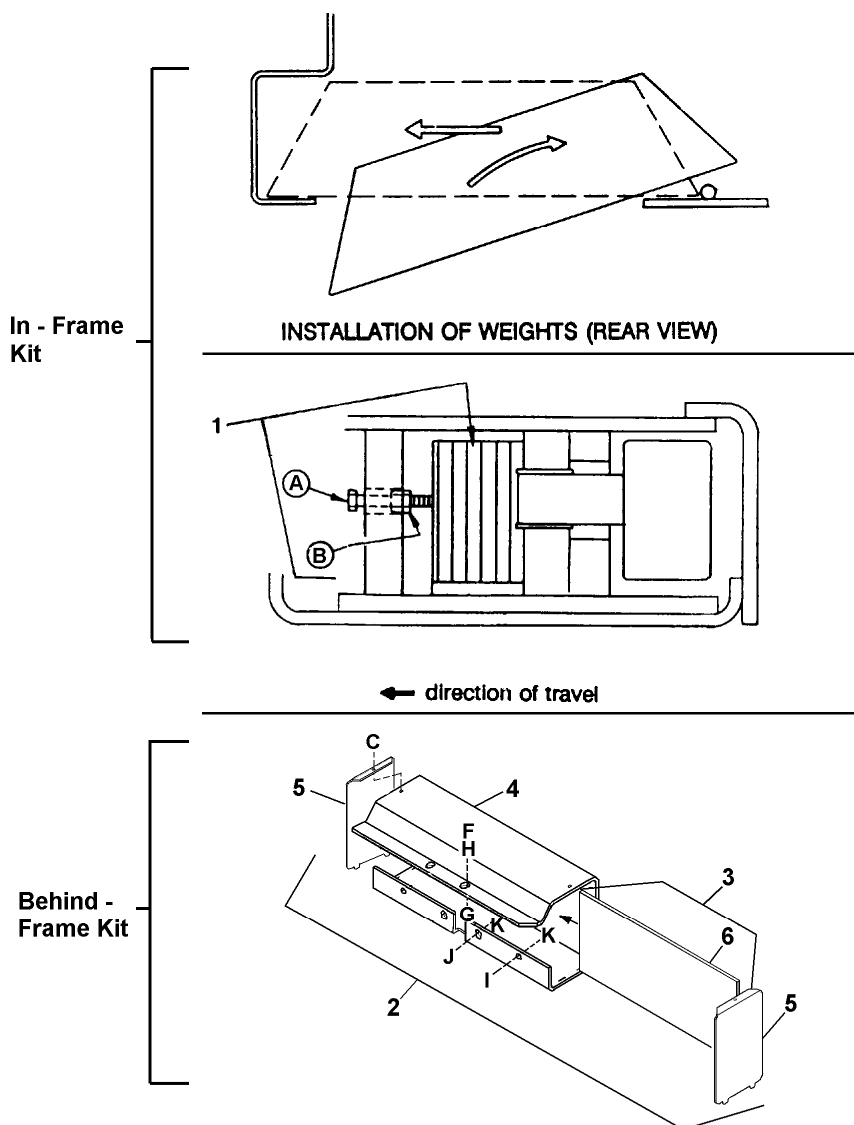
| REF | PART<br>NUMBER | DESCRIPTION                                                                      | QTY          | SERIAL<br>NUMBER |
|-----|----------------|----------------------------------------------------------------------------------|--------------|------------------|
| 1   | 44739          | ● BEAM - walking, with bushings, lube fitting & decals (not as illustrated)..... | 1            |                  |
|     | 107550         | ■ BEAM - walking, with bushings, lube fitting & decals (was 107206) .....        | 1            |                  |
| 2   | 107201         | BUSHING – steel.....                                                             | (see note 1) |                  |
| 3   | 7536           | FITTING - lube.....                                                              | 1            |                  |
| 4   | 45872          | PIVOT - walking beam.....                                                        | 1            |                  |
| 5   | 21032          | SIGN – SMV, reflector .....                                                      | 1            |                  |
| 6   | 110583         | ■ KIT – REWORK, caster pivot, incl. 2 of items 7, 8 & 9 + instructions.....      | 1            | -156149          |
| 7   | 110582         | ■ DISC – walking beam .....                                                      | 2            | -156149          |
| 8   | 110571         | ■ BUSHING – channel weldment .....                                               | 2            | -156149          |
| 9   | 18671          | ■ FITTING – lube, 1/4 NF .....                                                   | 2            | -156149          |
| A   | 19957          | BOLT - hex head, 3/4 NC x 2-1/2 inch                                             |              |                  |
| C   | 18640          | WASHER - lock, 3/4 inch ID                                                       |              |                  |
| D   | 18593          | NUT - hex, 3/4 NC                                                                |              |                  |
| E   | 18601          | WASHER - flat, 13/16 inch ID                                                     |              |                  |
| F   | 21055          | SCREW – self tapping, 1/4 NC x 1/2 inch                                          |              |                  |

## NOTES:

1.) For all ● tractors and ■ tractors serial # 156149 & below qty = 2, For ■ tractors serial # 156150 & above qty = 6.

- - MacDon 9250/9350, Westward 9250/9350, Prairie Star 4940/4950, Premier 2940/2950, Harvest Pro 8140/8150
- - MD 9352/9352i/9352c, WP 9352/9352i/9352c, PS 4952/4952i/4952c, PR 2952/2952i/2952c, HP8152/8152i/8152c

## REAR WEIGHT PACKAGE

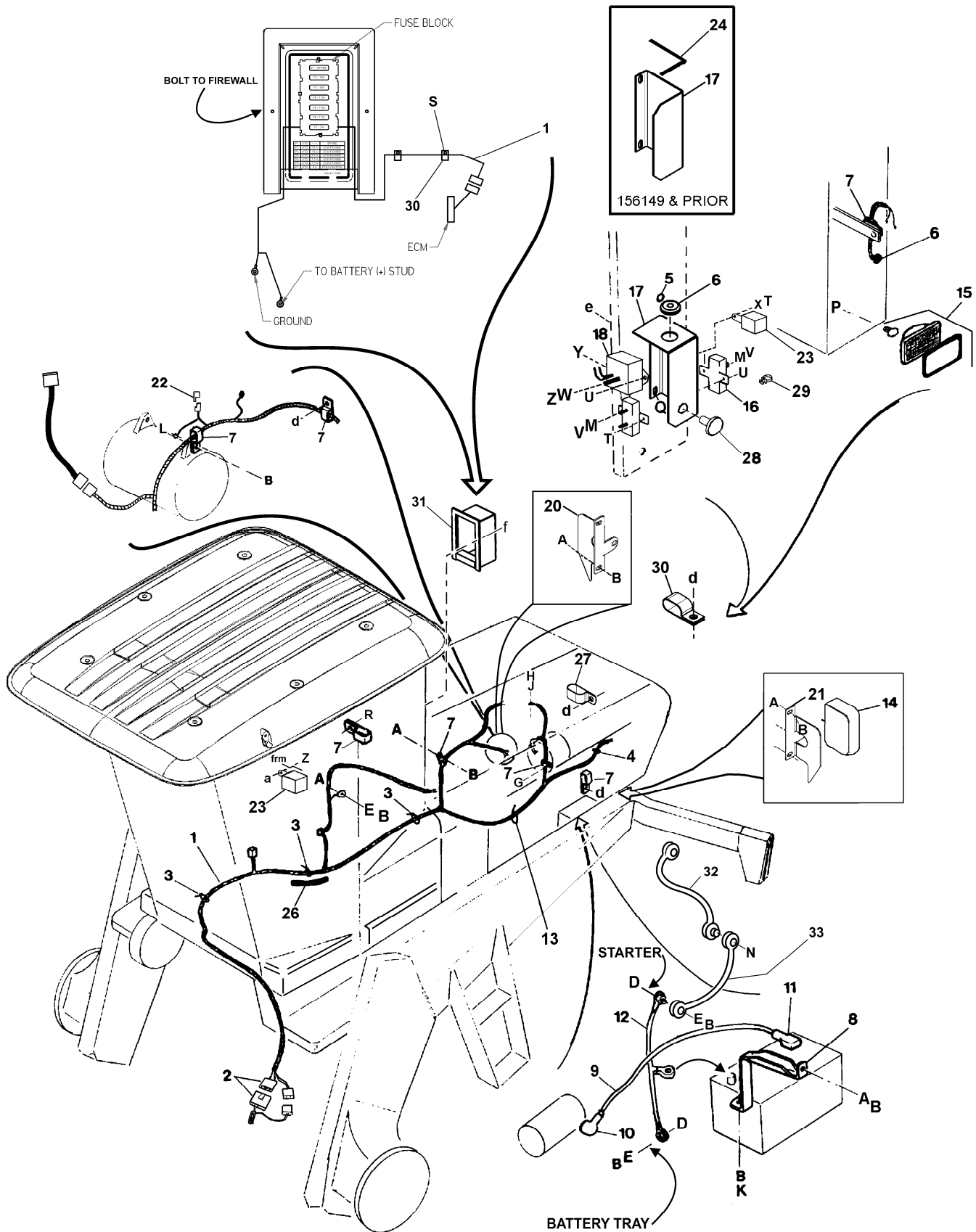


| REF | PART<br>NUMBER | DESCRIPTION                                                                        | QTY | SERIAL<br>NUMBER |
|-----|----------------|------------------------------------------------------------------------------------|-----|------------------|
| 1   | B2266          | KIT – rear weight (in frame pkg), includes 187 lbs (85KG) weight pack & hardware * |     |                  |
| 2   | B2980          | KIT – standard (behind frame pkg), includes 400 lbs (181KG) weight pack & hardware |     |                  |
| 3   | B2981          | KIT – Additional six plates = 300 lbs (136KG), requires item 2 for installation.   |     |                  |
| 4   | 112102         | SUPPORT – weight box (was 112123) .....                                            | 1   |                  |
| 5   | 112122         | CAP – weight box, 4-bolt design (not shown).....                                   | 2   | -138024          |
|     | 112416         | CAP – weight box .....                                                             | 2   | 138025-          |
| 6   | 112126         | PLATE – weight (qty. 12 with B2980 & B2981) .....                                  | 6   |                  |

\* 1 or 2 kits B2266 may be installed, as required. Two of B2266 are factory installed for 9352/4952/2952/8152 Tractors Serial No. 144177 and up. (Kits are available through Wholegoods only).

|   |        |                                      |   |        |                                      |
|---|--------|--------------------------------------|---|--------|--------------------------------------|
| A | 30448  | BOLT - hex head, 3/4 NC x 3 inch     | H | 112130 | WASHER – flat, 3/4 inch ID           |
| B | 21378  | NUT - hex jam, 3/4                   | I | 50189  | BOLT – hex head, 5/8 NC x 6-1/2 inch |
| C | 101898 | SCREW – self tapping, 3/8 x 5/8 inch | J | 21871  | BOLT – hex head, 5/8 NC x 2-1/2"     |
| F | 112128 | BOLT – hex head, 3/4 NF x 2-3/4 inch | K | 18592  | NUT – hex head, 5/8 NC               |
| G | 112129 | NUT – lock, 3/4 NF                   |   |        |                                      |

## TRACTOR ELECTRICAL



## TRACTOR ELECTRICAL

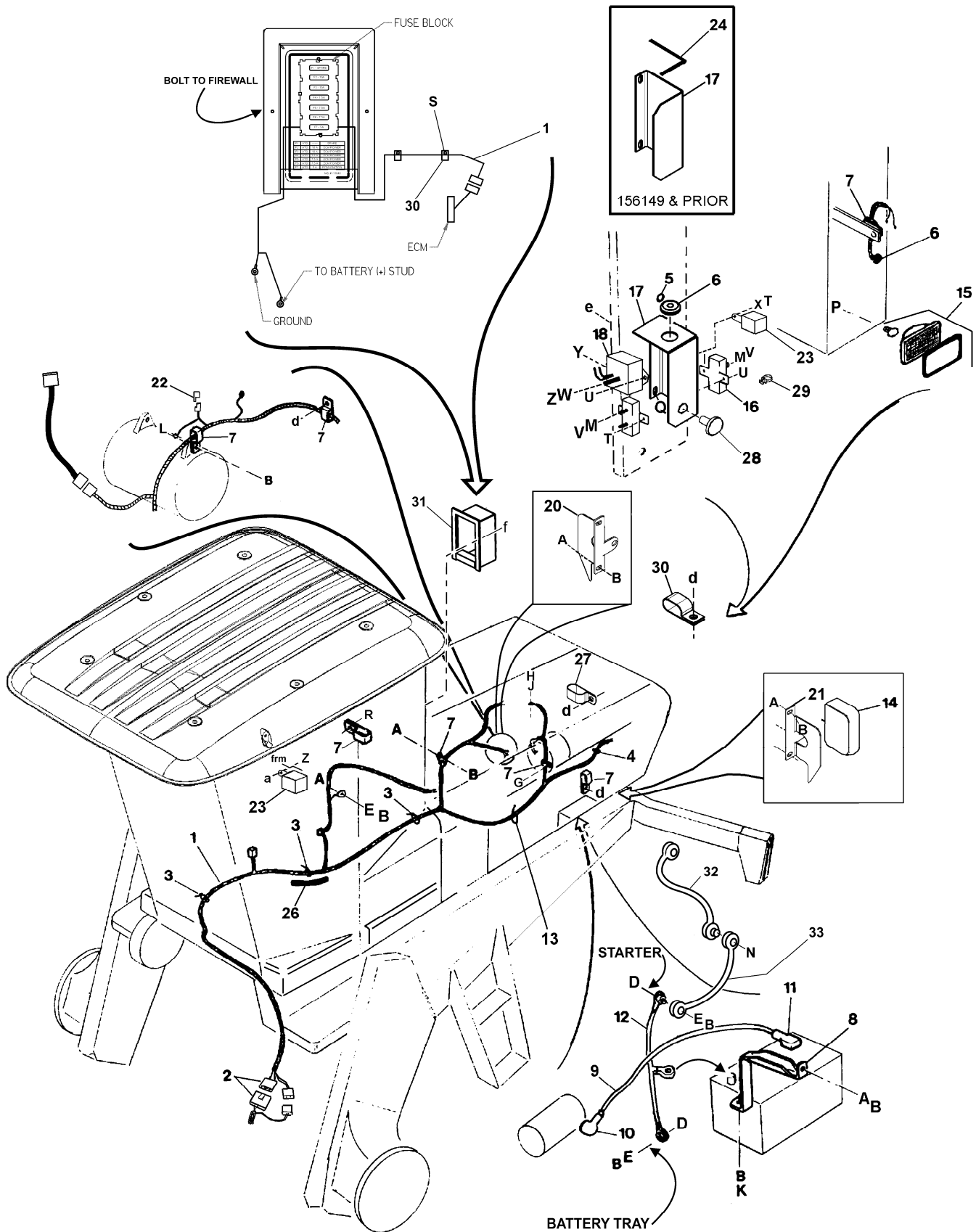
| REF | PART<br>NUMBER | DESCRIPTION                                                                | QTY        | SERIAL<br>NUMBER |
|-----|----------------|----------------------------------------------------------------------------|------------|------------------|
| 1   | 45970          | ● HARNESS - wiring, tractor section, includes item 22 (was 45830) .....    | 1          | -162249          |
|     | 112947         | ● HARNESS - wiring, tractor section, includes item 22 .....                | 1          | 162250-          |
|     | 111367         | ■ HARNESS - wiring, tractor section, includes item 22 .....                | 1          | -162249          |
|     | 112984         | ■ HARNESS - wiring, tractor section, includes item 22 .....                | 1          | 162250-          |
|     | 135216         | ■ FUSE – automatic ATO type, 7.5 amp, component of 112984 harness .....    | 1          |                  |
|     | 135339         | ■ CAP – fuse holder, component of 112984 harness .....                     | 1          |                  |
|     | 163556         | ▲ HARNESS - wiring, tractor section, includes item 22 .....                | 1          |                  |
|     | 163555         | ▲ HARNESS - wiring, engine control, Cummins tier 2 turbo .....             | 1          |                  |
| 2   | 31062          | CONNECTOR KIT – 3 way (includes male and female plugs) .....               |            |                  |
|     | 112443         | CONNECTOR KIT – 2 way (includes male and female plugs) .....               |            |                  |
| 3   | 21763          | FASTENER - cable tie – 7 ½ inch .....                                      | see note 1 |                  |
| 4   | 42678          | FASTENER - cable tie, push mount .....                                     | 2          |                  |
| 5   | 45155          | GROMMET .....                                                              | 1          |                  |
| 6   | 135258         | GROMMET (was 42415) .....                                                  | 4          |                  |
| 7   | 39272          | CLIP – harness, 3/8 inch ID .....                                          | see note 2 |                  |
| 8   | 44468          | HOLDER - battery .....                                                     | 1          |                  |
| 9   | 44511          | CABLE - starter to battery .....                                           | 1          |                  |
|     | 111368         | ■ CABLE – starter to battery .....                                         | 1          |                  |
|     | 167049         | ▲ CABLE – starter to battery, includes cap nut 109950 .....                | 1          |                  |
| 10  | 30689          | INSULATOR - starter .....                                                  | 1          |                  |
| 11  | 44350          | COVER - battery cable .....                                                | 1          |                  |
| 12  | 112410         | CABLE - ground, battery and engine mount to frame (was 5903 & 24289) ..... | 1          |                  |
| 13  | 30753          | FASTENER - cable tie – 14 inch .....                                       | 1          |                  |
| 14  | 112152         | LIGHT - red, replacement bulb #1157 .....                                  | 2          |                  |
| 15  | 109111         | LIGHT – pedestal work .....                                                | 2          |                  |
|     | 109112         | OPTICAL UNIT – for item 15 .....                                           | 2          |                  |
|     | 109113         | BULB – for item 109111 .....                                               | 2          |                  |
|     | 109114         | BEZEL – for item 15 .....                                                  | 2          |                  |
| 16  | 21974          | BREAKER - circuit, 50 amp .....                                            | 2          |                  |
| 17  | 112156         | SUPPORT – relay/breaker .....                                              | 1          | -156149          |
|     | 112876         | ●▲ SUPPORT – relay/breaker .....                                           | 1          | 156150-          |
|     | 112966         | ■ SUPPORT – relay/breaker .....                                            | 1          | 162250-          |
| 18  | 21774          | RELAY - electrical .....                                                   | 1          |                  |
| 19  | 112140         | HARNESS – wiring, adapter – (N.A. only) .....                              | 1          |                  |
| 20  | 112150         | SUPPORT – R/H tail light .....                                             | 1          |                  |
| 21  | 112151         | SUPPORT – L/H tail light .....                                             | 1          |                  |
| 22  | 112415         | TERMINAL – diode, compressor circuit .....                                 | 1          |                  |
| 23  | 30215          | RELAY – electrical, (qty. = 3 for XX52i and XX52c) .....                   | 1          | 138025-          |
| 24  | 31889          | MOULDING – edge .....                                                      | 1          | -156149          |
| 25  | 42250          | HOSE – slit, fuel line protector (50mm long) .....                         | 1          |                  |
| 26  | 42249          | HOSE – slit, hydraulic line protector (200mm long) .....                   | 1          |                  |
| 27  | 50022          | ■ CLIP – wiring, 15/16 inch ID .....                                       | 3          |                  |
| 28  | 112979         | ■ RESISTOR – control .....                                                 | 1          | 162250-          |
| 29  | 42523          | ■ CLIP – harness .....                                                     | 1          | 162250-          |
| 30  | 135224         | ■▲ CLIP – harness, 5/8 inch ID .....                                       | 2          |                  |
| 31  | 167053         | ▲ COVER – fuse block, with foam & decal .....                              | 1          |                  |
|     | 167054         | FOAM – 435 x 15 x 3 mm .....                                               | 1          |                  |
|     | 167055         | FOAM – 78 x 19 x 19 mm .....                                               | 1          |                  |
| 32  | 167051         | ▲ CABLE – ground, starter to alternator .....                              | 1          |                  |
| 33  | 167050         | ▲ CABLE – ground, starter to block .....                                   | 1          |                  |

● - MacDon 9250/9350/9352, Westward 9250/9350/9352, Prairie Star 4940/4950/4952, Premier 2940/2950/2952, Harvest Pro 8140/8150/8152  
 ■ - MacDon 9352i, Westward 9352i, Prairie Star 4952i, Premier 2952i, Harvest Pro 8152i  
 ▲ - MacDon 9352c, Westward 9352c, Prairie Star 4952c, Premier 2952c, Harvest Pro 8152c

NOTES: 1.) Item 3, for XX40/XX50 Tier 1 tractors qty. = 14, Tier 2 = 16, XX52 tractors qty. = 12, XX52i tractors qty. = 11, XX52c tractors qty = 16

2.) Item 7, for XX40/XX50 tractors up to SN 162249 qty. = 10, SN 162250 & up = 8, XX52 tractors qty. = 11, XX52i tractors qty. = 12, XX52c tractors qty = 8

## TRACTOR ELECTRICAL (Continued)



**TRACTOR ELECTRICAL (Continued)**

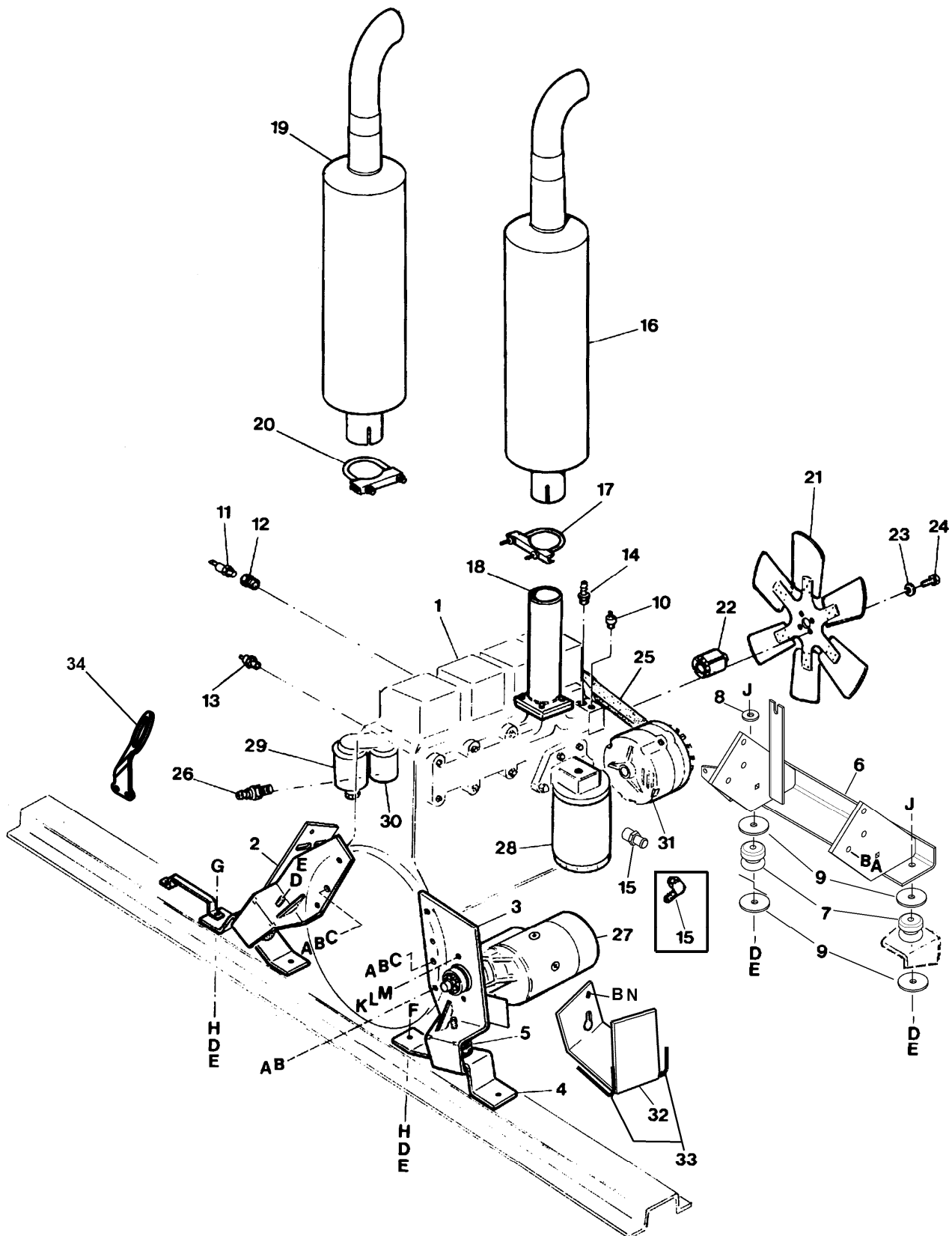
| REF | PART<br>NUMBER | DESCRIPTION                           | QTY | SERIAL<br>NUMBER |
|-----|----------------|---------------------------------------|-----|------------------|
| A   | 21863          | BOLT - rd hd, sq nk, 3/8 NC x 3/4"    |     |                  |
| B   | 30228          | NUT - lock, smth flg, 3/8 NC dist thd |     |                  |
| C   | 50139          | BOLT - hex head, M8 x 16 mm           |     |                  |
| D   | 19965          | BOLT - rd hd, sq nk, 3/8 NC x 1"      |     |                  |
| E   | 18598          | WASHER - flat, 13/32 inch ID          |     |                  |
| F   | 21821          | BOLT - flg hd, 3/8 NC x 3/4 inch      |     |                  |
| G   | 30627          | BOLT - hex head, M10 x 25 mm          |     |                  |
| H   | 30637          | NUT - hex, M6                         |     |                  |
| J   | 30631          | WASHER - lock, M6                     |     |                  |
| K   | 21470          | BOLT - rnd hd, sq nk, 3/8 NC x 2"     |     |                  |
| L   | 20077          | BOLT - hex head, 3/8 NC x 1 inch      |     |                  |
| M   | 18634          | WASHER - lock, #10                    |     |                  |
| N   | 50155 ▲        | Bolt - hex head, M12 x 25mm lg        |     |                  |
| P   | 50101          | NUT - lock, flng, M10 x 1-1/2 inch    |     |                  |
| Q   | 21926          | BOLT - rd hd, sq nk, 1/4 NC x 1/2"    |     |                  |
| R   | 18664          | NUT - jam, 3/8 NC                     |     |                  |
| S   | 50124 ▲        | SCREW - self tapping, 5/16 x 1/2      |     |                  |
| T   | 42284          | SCREW - machine, #10 NC x 1/2"        |     |                  |
| U   | 21492          | NUT - serrated flange, #10 NC         |     |                  |
| V   | 20011          | NUT - hex, #10 NF                     |     |                  |
| W   | 18635          | WASHER - lock, 1/4 inch ID            |     |                  |
| X   | 18795          | WASHER - flat, #10 ID                 |     |                  |
| Y   | 21455          | NUT - serrated flange, 1/4 NC         |     |                  |
| Z   | 18588          | NUT - hex, 1/4 NC                     |     |                  |
| a   | 21572 ■        | BOLT - hex head, 1/4 NC x 5/8"        |     |                  |
| d   | 136005 ■       | BOLT - hex hd, M10 x 16 mm            |     |                  |
| e   | 21055 ■        | SCREW - self tap, 1/4 NC x 1/2 inch   |     |                  |
| f   | 21947 ▲        | SCREW - self tapping, #10 x 5/8       |     |                  |

- - MacDon 9250/9350/9352, Westward 9250/9350/9352, Prairie Star 4940/4950/4952, Premier 2940/2950/2952, Harvest Pro 8140/8150/8152
- - MacDon 9352i, Westward 9352i, Prairie Star 4952i, Premier 2952i, Harvest Pro 8152i
- ▲ - MacDon 9352c, Westward 9352c, Prairie Star 4952c, Premier 2952c, Harvest Pro 8152c

**NOTES:** 1.) Item 3, for XX40/XX50 Tier 1 tractors qty. = 14, Tier 2 = 16, XX52 tractors qty. = 12, XX52i tractors qty. = 11, XX52c tractors qty = 16

2.) Item 7, for XX40/XX50 tractors up to SN 162249 qty. = 10, SN 162250 & up = 8, XX52 tractors qty. = 11, XX52i tractors qty. = 12, XX52c tractors qty = 8

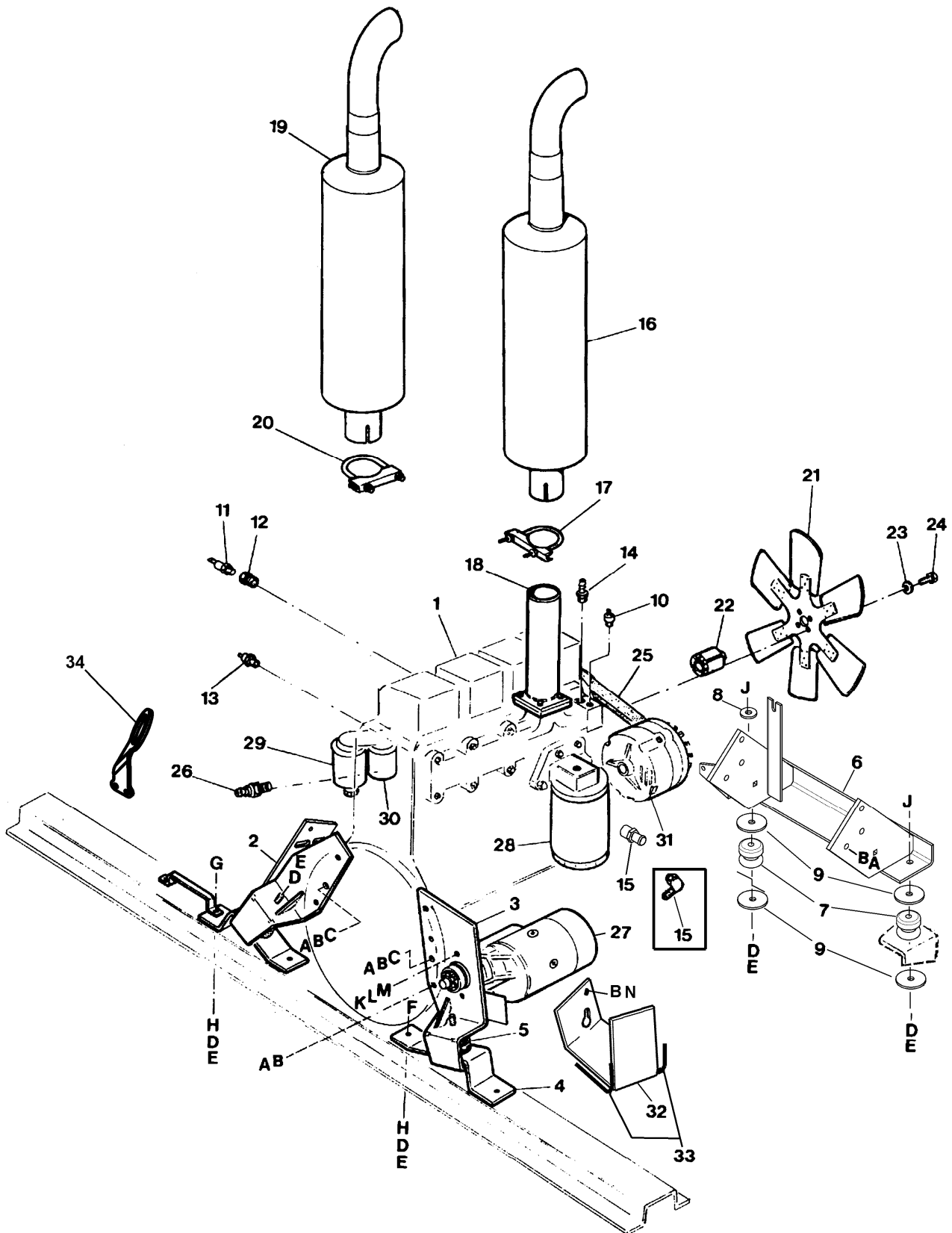
## ENGINE ASSEMBLY – CUMMINS ENGINE TRACTOR UNITS



## ENGINE ASSEMBLY – CUMMINS ENGINE TRACTOR UNITS

| REF | PART<br>NUMBER | DESCRIPTION                                                                          | QTY | SERIAL<br>NUMBER |
|-----|----------------|--------------------------------------------------------------------------------------|-----|------------------|
| 1   | REF            | ENGINE – Cummins diesel, 80 hp N.A (not serviced) .....                              | 1   |                  |
|     | REF            | ENGINE – Cummins diesel, 108 hp Turbo (not serviced) .....                           | 1   |                  |
|     | REF            | ENGINE – Cummins diesel, 110 hp Tier II Turbo (not serviced) .....                   | 1   |                  |
| 2   | 111004         | SUPPORT - front right .....                                                          | 1   |                  |
| 3   | 44434          | SUPPORT - front left, with decal .....                                               | 1   |                  |
| 4   | 44437          | MOUNT - support .....                                                                | 2   |                  |
| 5   | 42008          | INSULATOR - front engine mounts .....                                                | 2   |                  |
| 6   | 44444          | SUPPORT - rear .....                                                                 | 1   |                  |
| 7   | 42099          | INSULATOR - rear engine mounts .....                                                 | 2   |                  |
| 8   | 4761           | WASHER - flat, 17/32 ID x 1-3/8 OD x 3/16 inch thick (was 25900) .....               | 1   |                  |
| 9   | 1045           | WASHER - flat, 17/32 ID x 2-1/2 OD x 3/16 inch thick .....                           | 4   |                  |
| 10  | 42255          | SENDER - temperature .....                                                           | 1   |                  |
| 11  | 24556          | SWITCH - temperature .....                                                           | 1   |                  |
| 12  | 21980          | FITTING - reducer bushing, 3/8 NPT x 1/2 NPT .....                                   | 1   |                  |
| 13  | 30241          | SWITCH - oil pressure .....                                                          | 1   |                  |
| 14  | 112662         | FITTING - heater, 1/2 NPT x 5/8 hose (was 6137) .....                                | 1   |                  |
| 15  | 101904         | VALVE – 90° .....                                                                    | 1   | -162249          |
|     | 112662         | FITTING – heater, 1/2 NPT x 5/8 hose .....                                           | 1   | 162250-          |
| 16  | 111136         | MUFFLER – (N.A only) .....                                                           | 1   |                  |
| 17  | 30651          | CLAMP - muffler .....                                                                | 1   |                  |
| 18  | 44469          | TUBE - exhaust .....                                                                 | 1   |                  |
| 19  | 111089         | MUFFLER – (Turbo only) .....                                                         | 1   |                  |
| 20  | 42469          | CLAMP - muffler .....                                                                | 1   |                  |
| 21  | 30653          | FAN - engine cooling (N.A only) .....                                                | 1   |                  |
|     | 111149         | FAN – engine cooling (Turbo only) .....                                              | 1   |                  |
| 22  | 30654          | SPACER - fan .....                                                                   | 1   |                  |
| 23  | 30655          | WASHER - hardened .....                                                              | 4   |                  |
| 24  | 30682          | BOLT - hex head, M10 x 90 mm .....                                                   | 4   |                  |
| 25  | 30656          | BELT - fan / alternator .....                                                        | 1   | -162249          |
|     | 111688         | BELT - fan / alternator .....                                                        | 1   | 162250-          |
| 26  | 30937          | FITTING - barbed, 1/4 NPT x 5/16 hose, fuel line (N.A only) .....                    | 1   | -162249          |
|     | 112024         | FITTING – barbed elbow, 1/4 NPT x 5/16 hose, fuel line (Turbo only) .....            | 1   | -162249          |
|     | 111442         | FITTING – barbed elbow, both NA & turbo .....                                        | 1   | 162250-          |
| 27  | <b>30645</b>   | STARTER - with decal, (Cummins # <b>3964432NW</b> plus MacDon decal 42130) .....     | 1   |                  |
| 28  | 25849          | FILTER ELEMENT - oil (Cummins # 3908616) .....                                       | 1   | -162249          |
|     | 111690         | FILTER ELEMENT - oil (Cummins # 3934429) .....                                       | 1   | 162250-          |
| 29  | 25850          | FILTER ELEMENT - fuel, primary, with water trap (Cummins # 3903410) ..               | 1   | -162249          |
|     | 111689         | FILTER ELEMENT - fuel, primary, with water trap (Cummins # 3991350) .....            | 1   | 162250-          |
|     | 162034         | FILTER ELEMENT - fuel, primary, with water trap (Cummins # 3966140) turbo only ..... | 1   | 174610-          |
| 30  | 25851          | FILTER ELEMENT - fuel, secondary (Cummins # 3903640) .....                           | 1   | -162249          |
| 31  | REF            | ALTERNATOR - see "Alternator Mounting" .....                                         | 1   |                  |
| 32  | 45641          | SHIELD – starter .....                                                               | 1   |                  |
| 33  | 45427          | MOULDING – edge .....                                                                | 2   |                  |
| 34  | 163581         | SUPPORT – harness, turbo .....                                                       | 1   | 174610-          |

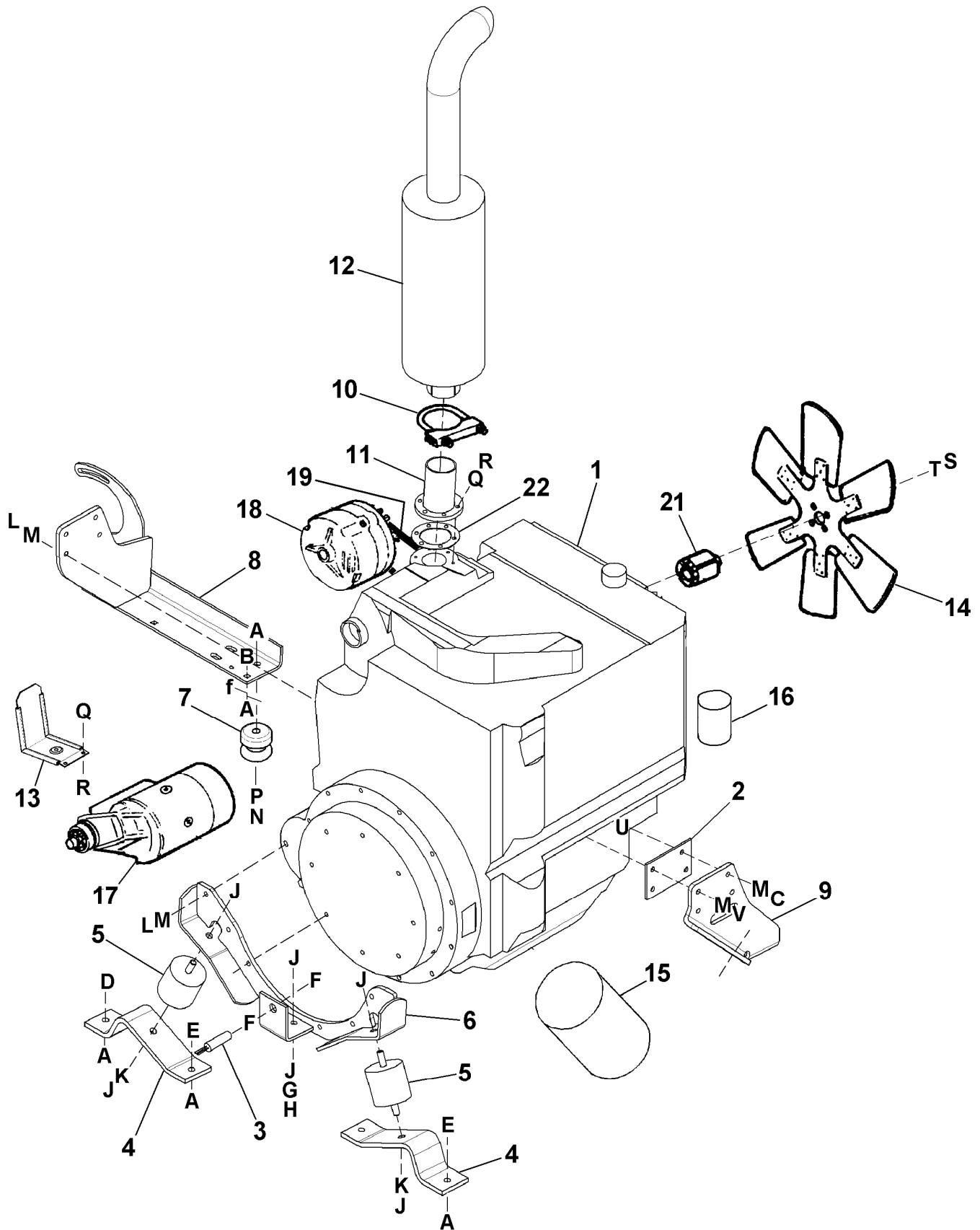
## ENGINE ASSEMBLY – CUMMINS ENGINE TRACTOR UNITS



**ENGINE ASSEMBLY – CUMMINS ENGINE TRACTOR UNITS**

| REF | PART<br>NUMBER | DESCRIPTION                                       | QTY | SERIAL<br>NUMBER |
|-----|----------------|---------------------------------------------------|-----|------------------|
| A   | 30630          | BOLT - hex head, M12 x 30 mm                      |     |                  |
| B   | 30633          | WASHER - lock, M12                                |     |                  |
| C   | 30636          | WASHER - flat, M12                                |     |                  |
| D   | 18638          | WASHER - lock, 1/2 inch ID                        |     |                  |
| E   | 18591          | NUT - hex, 1/2 NC                                 |     |                  |
| F   | 18723          | BOLT - hex head, 1/2 NC x 1-1/2 inch              |     |                  |
| G   | 21565          | BOLT - hex head, 1/2 NC x 1-3/4 inch              |     |                  |
| H   | 18599          | WASHER - flat, 17/32 inch ID                      |     |                  |
| I   | 21863          | BOLT – round head, square neck, 3/8 NC x 3/4 inch |     |                  |
| J   | 21560          | BOLT - hex head, 1/2 NC x 3 inch                  |     |                  |
| K   | 30628          | BOLT - hex head, M10 x 35 mm                      |     |                  |
| L   | 30632          | WASHER - lock, M10                                |     |                  |
| M   | 30505          | NUT - hex, M10                                    |     |                  |
| N   | 50155          | BOLT – hex head, M12 x 25 mm                      |     |                  |
| P   | 30228          | NUT – flange, 3/8 NC                              |     |                  |

## ENGINE ASSEMBLY – ISUZU ENGINE TRACTOR UNITS



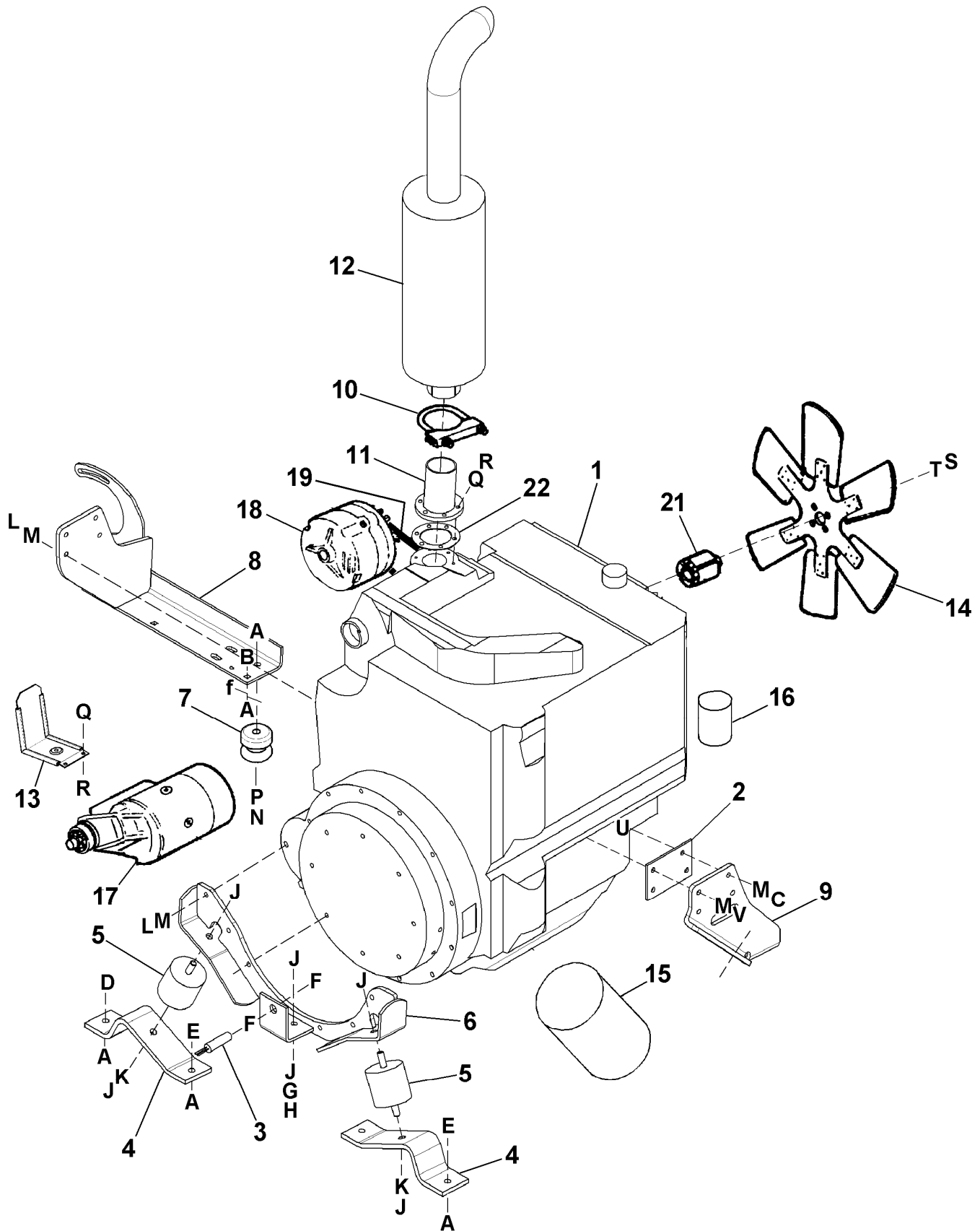
## ENGINE ASSEMBLY – ISUZU ENGINE TRACTOR UNITS

| REF | PART<br>NUMBER | DESCRIPTION                                                                                                                                        | QTY | SERIAL<br>NUMBER |
|-----|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------|
| 1   | REF            | ENGINE – Isuzu diesel, 110 hp Turbo, 4.3L, 4 cylinder, 4 stroke ..... 1<br>Isuzu model # 4BG1TRW02 (not serviced), service items below, see NOTE 1 |     |                  |
|     | 111396         | SWITCH – temperature (Isuzu # 8-97125-601-1) ..... 1                                                                                               | 1   |                  |
|     | 111397         | SENDER – temperature (Isuzu # 9-83151-432-0) ..... 1                                                                                               | 1   |                  |
|     | 111400         | SWITCH – oil pressure (Isuzu # 9-82720-069-0) ..... 1                                                                                              | 1   |                  |
|     | 111401         | SOLENOID – engine stop (Isuzu # 8-97373-762-1) ..... 1                                                                                             | 1   |                  |
|     | 111404         | MANUAL – Isuzu engine owners manual (Isuzu # IDE-6081) ..... 1                                                                                     | 1   |                  |
|     | 111759         | PARTS BOOK – Isuzu engine (Isuzu # 5887109601)..... A/R                                                                                            | A/R |                  |
|     | 111760         | MANUAL – workshop (Isuzu # IDE-2280)..... A/R                                                                                                      | A/R |                  |
|     | 111500         | DECAL – emissions (Isuzu # EPA ENGINE FAMILY NO. 5SZXL04.3FTA,<br>EC TYPE APPROVAL NO.: e9*97/68FA*00/000XX*3043*00) ..... 2                       | 2   |                  |
|     | 111743         | GASKET SET – engine (Isuzu # 587814-3920)..... A/R                                                                                                 | A/R |                  |
|     | 111620         | STUD – engine mount (Isuzu # 1-09300-055-0)..... A/R                                                                                               | A/R |                  |
|     | 112979         | RESISTOR – control (Isuzu # 9825300410)..... A/R                                                                                                   | A/R |                  |
|     | 111737         | THERMOSTAT – engine (Isuzu # 113770-0700) ..... A/R                                                                                                | A/R |                  |
|     | 111736         | GASKET – thermostat housing to pipe (Isuzu # 113743-0160)..... A/R                                                                                 | A/R |                  |
|     | 111751         | GASKET – thermostat housing to block (Isuzu # 897235-7891)..... A/R                                                                                | A/R |                  |
|     | 111738         | INJECTOR – fuel (Isuzu # 115300-3940) ..... A/R                                                                                                    | A/R |                  |
|     | 111739         | INJECTOR TIP – fuel (Isuzu # 115311-3000)..... A/R                                                                                                 | A/R |                  |
|     | 111767         | WASHER – injector (Isuzu # 515315-003)..... A/R                                                                                                    | A/R |                  |
|     | 111740         | WASHER – feed pump banjo fitting (Isuzu # 115759-0010)..... A/R                                                                                    | A/R |                  |
|     | 111766         | ASSEMBLY – feed pump (Isuzu # 115750-199)..... A/R                                                                                                 | A/R |                  |
|     | 111742         | HAND PRIMER – fuel (Isuzu # 115761-0060) ..... A/R                                                                                                 | A/R |                  |
|     | 111741         | O-RING – hand primer (Isuzu # 115623-0160)..... A/R                                                                                                | A/R |                  |
|     | 111750         | WATER SEDIMENTER – fuel (Isuzu # 1132008410)..... A/R                                                                                              | A/R |                  |
|     | 111757         | BOLT – banjo (Isuzu # 909906-3251)..... A/R                                                                                                        | A/R |                  |
|     | 111768         | FILTER SCREEN – banjo bolt (Isuzu # 515759-027) ..... A/R                                                                                          | A/R |                  |
|     | 111756         | WASHER – fuel, banjo bolt (Isuzu # 909572-0140)..... A/R                                                                                           | A/R |                  |
|     | 111744         | WATER PUMP – engine, c/w gasket (Isuzu # 897253-028-1)..... A/R                                                                                    | A/R |                  |
|     | 111746         | GASKET – oil line return to turbo (Isuzu # 894369-0220)..... A/R                                                                                   | A/R |                  |
|     | 111748         | GASKET – oil line return, drain (Isuzu # 894370-6630)..... A/R                                                                                     | A/R |                  |
|     | 111749         | TURBOCHARGER – engine (Isuzu # 897144-7060)..... A/R                                                                                               | A/R |                  |
|     | 111747         | GASKET – turbo (Isuzu # 894369-0230) ..... A/R                                                                                                     | A/R |                  |
|     | 111745         | GASKET – turbo to adapter (Isuzu # 894369-0210) ..... A/R                                                                                          | A/R |                  |
|     | 111752         | INJECTION PUMP (Isuzu # 897357-9420)..... A/R                                                                                                      | A/R |                  |
|     | 111753         | WASHER – injection pipe leak off (Isuzu # 909571-4080)..... A/R                                                                                    | A/R |                  |
|     | 111754         | WASHER – injection pump oil supply (Isuzu # 909571-4100)..... A/R                                                                                  | A/R |                  |
|     | 111755         | WASHER – oil line injection pump (Isuzu # 909572-0100)..... A/R                                                                                    | A/R |                  |
|     | 111735         | WASHER – oil line pressure (Isuzu # 109630-0840) ..... A/R                                                                                         | A/R |                  |
| 2   | 111384         | PLATE – engine mount spacer, R/H only ..... 1                                                                                                      | 1   |                  |
| 3   | 111360         | SENDER - tachometer ..... 1                                                                                                                        | 1   |                  |
| 4   | 44437          | SUPPORT - mount ..... 2                                                                                                                            | 2   |                  |
| 5   | 42008          | INSULATOR - front engine mounts ..... 2                                                                                                            | 2   |                  |
| 6   | 111361         | SUPPORT – engine, R/H rear ..... 1                                                                                                                 | 1   |                  |
| 7   | 42099          | INSULATOR - rear engine mounts ..... 2                                                                                                             | 2   |                  |
| 8   | 111270         | SUPPORT – engine, R/H rear ..... 1                                                                                                                 | 1   |                  |
| 9   | 111273         | SUPPORT – engine, L/H rear ..... 1                                                                                                                 | 1   |                  |
| 10  | 30651          | CLAMP - exhaust ..... 1                                                                                                                            | 1   |                  |

### NOTES:

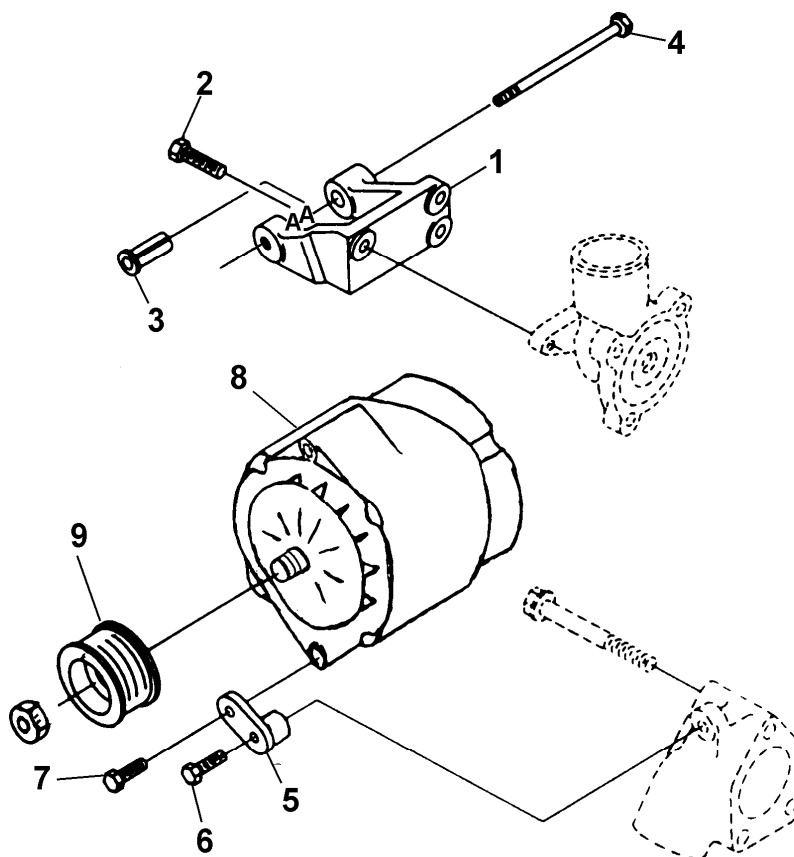
- The Isuzu engine repair parts listed under item 1 are available from your local Isuzu dealer using the Isuzu part numbers shown. If parts are not available from Isuzu, they may be ordered from MacDon using MacDon part numbers; however, Isuzu parts purchased from MacDon will cost more than if sourced from an Isuzu dealer. Warranty issues related to these parts should be submitted to your nearest Isuzu dealer. MacDon will not be responsible for the difference between Isuzu warranty coverage and the cost of the item purchased through MacDon Parts.

## ENGINE ASSEMBLY – ISUZU ENGINE TRACTOR UNITS



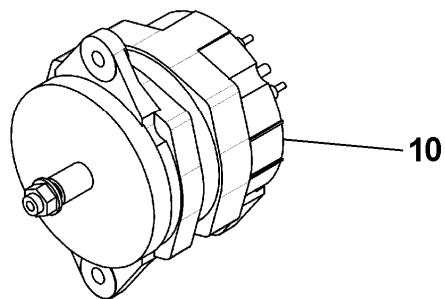
## ENGINE ASSEMBLY – ISUZU ENGINE TRACTOR UNITS

| REF | PART<br>NUMBER | DESCRIPTION                                                       | QTY | SERIAL<br>NUMBER |
|-----|----------------|-------------------------------------------------------------------|-----|------------------|
| 11  | 112454         | TUBE – exhaust .....                                              | 1   |                  |
| 12  | 112487         | MUFFLER.....                                                      | 1   |                  |
| 13  | 111369         | SHIELD – starter .....                                            | 1   |                  |
| 14  | 111436         | FAN.....                                                          | 1   |                  |
| 15  | 111380         | FILTER ELEMENT– oil (Isuzu # 1-13240-232-1) .....                 | 1   |                  |
| 16  | 111379         | FILTER ELEMENT – fuel (Isuzu # 2-90654-910-0) .....               | 1   |                  |
| 17  | 111466         | STARTER with WIRING SHIELD .....                                  | 1   |                  |
| 18  | 111399         | ALTERNATOR – Isuzu engine (Isuzu # 2-90123-900-0) .....           | 1   |                  |
| 19  | 112826         | BELT – alternator/fan (Isuzu # 8-97232-252-0) (matched pair)..... | 1   |                  |
| 21  | 111621         | SPACER – fan mounting (Isuzu # 1-13642-045-1) .....               | 1   |                  |
| 22  | 111777         | GASKET – exhaust .....                                            | 1   |                  |
| A   | 50186          | NUT – lock, flange, 1/2 NC distorted thread                       |     |                  |
| B   | 21471          | BOLT – round head, square neck, 1/2 NC x 1-1/4 inch               |     |                  |
| C   | 136004         | NUT – hex, M10 x 1.25 pitch                                       |     |                  |
| D   | 21565          | BOLT – hex head, 1/2 NC x 1-3/4 inch                              |     |                  |
| E   | 21491          | BOLT – hex head, 1/2 NC x 1-1/4 inch                              |     |                  |
| F   | 7674           | NUT – jam, 3/4 NC                                                 |     |                  |
| G   | 42592          | WASHER – flat                                                     |     |                  |
| H   | 21760          | BOLT – 1/2 NC x 2-1/2 inch                                        |     |                  |
| J   | 18591          | NUT – hex, 1/2 NC                                                 |     |                  |
| K   | 18638          | WASHER – lock                                                     |     |                  |
| L   | 136003         | BOLT – hex head, M10 x 1.25 pitch, 25 mm long                     |     |                  |
| M   | 30632          | WASHER – lock, M10                                                |     |                  |
| N   | 21880          | BOLT – 1/2 NC x 2-3/4 inch                                        |     |                  |
| P   | 1045           | WASHER – flat                                                     |     |                  |
| Q   | 30716          | WASHER – lock, M8                                                 |     |                  |
| R   | 103523         | BOLT – socket head, M8 x 1-1/4 inch                               |     |                  |
| S   | 111405         | BOLT – fan mounting (Isuzu # 8-94150-045-1)                       |     |                  |
| T   | 111577         | WASHER – flat, fan mounting (Isuzu # 1-09985-191-0)               |     |                  |
| U   | 111620         | STUD – engine mount (Isuzu # 1-09300-055-0)                       |     |                  |
| V   | 136012         | BOLT – hex head, M10 x 1.25 x 30 mm long                          |     |                  |

**ALTERNATOR MOUNTING- CUMMINS ENGINE TRACTOR UNITS**

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**SERIAL NUMBER 162249 & BELOW**

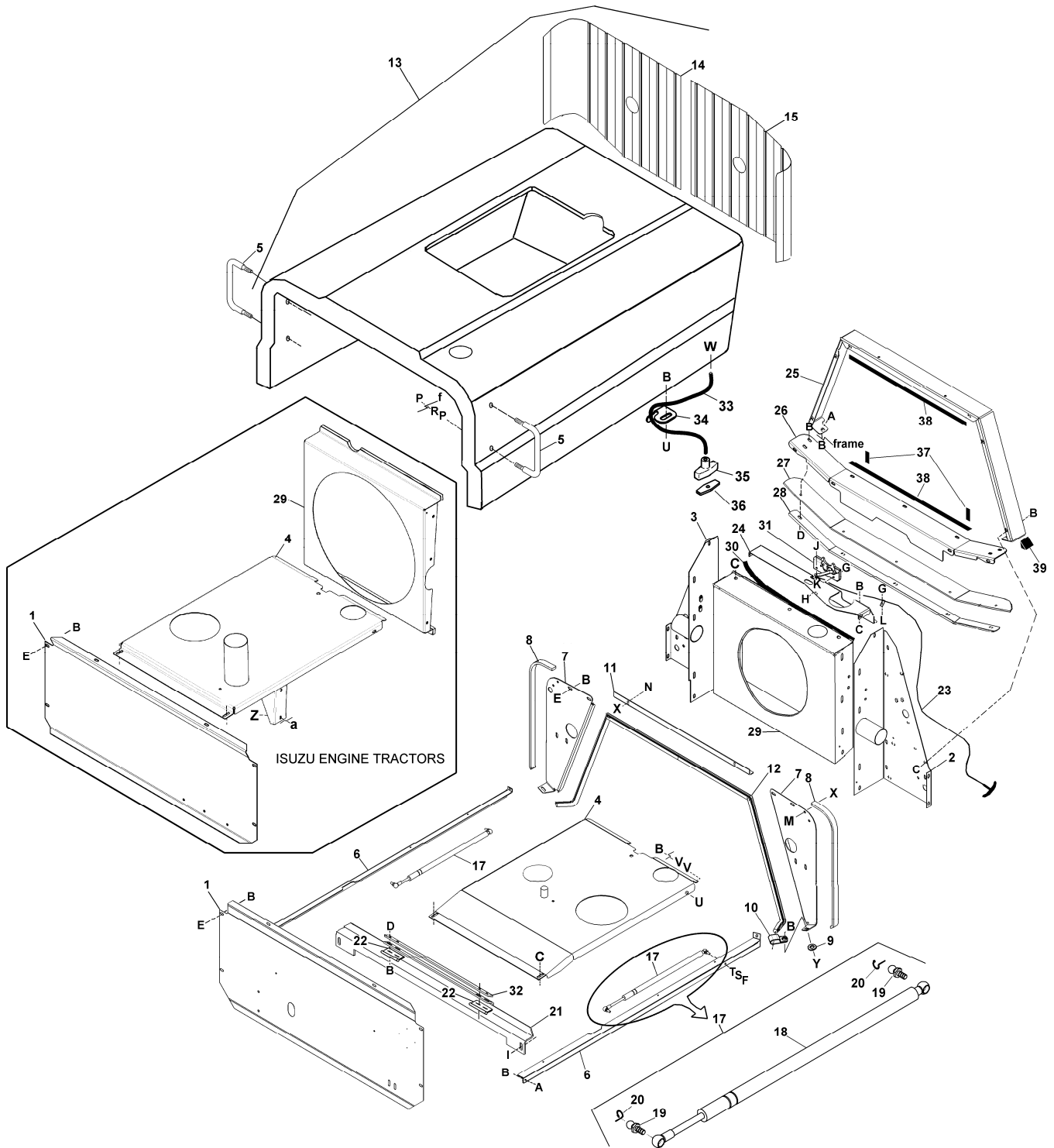


**SERIAL NUMBER 162250 & ABOVE**

# ALTERNATOR MOUNTING– CUMMINS ENGINE TRACTOR UNITS

| REF | PART<br>NUMBER | DESCRIPTION                                         | QTY | SERIAL<br>NUMBER |
|-----|----------------|-----------------------------------------------------|-----|------------------|
| 1   | REF            | SUPPORT - alternator, Cummins # 3923387 .....       | 1   | -162249          |
| 2   | REF            | BOLT - hex head, M8 x 35 mm Cummins # 3900631 ..... | 3   | -162249          |
| 3   | REF            | SPACER - mounting, Cummins # 3910715.....           | 1   | -162249          |
| 4   | 112114         | BOLT – hex head, M10 x 95 mm.....                   | 1   | -162249          |
| 5   | 112116         | BRACE – alternator, Cummins # 3934941 .....         | 1   | -162249          |
| 6   | 30660          | BOLT - hex head, M8 x 45 mm.....                    | 1   | -162249          |
| 7   | 30627          | BOLT - hex head, M10 x 25 mm.....                   | 1   | -162249          |
| 8   | 45640          | ALTERNATOR – Delco-Remy # 19009959.....             | 1   | -162249          |
| 9   | 112115         | PULLEY - alternator, Cummins # 3918275 .....        | 1   | -162249          |
| A   | 18598          | WASHER – flat, 13/16 inch ID                        |     |                  |
| 10  | REF            | ALTERNATOR – Cummins # 3935528 (new) .....          | 1   | 162250-171465    |
|     |                | Delco-Remy # 19020380 (new).....                    | 1   | 162250-171465    |
|     |                | Cummins # 3675228 (reconditioned) .....             | 1   | 162250-e171465   |
|     |                | Cummins # 3972733 (new) .....                       | 1   | 171466-          |

## ENGINE SUPERSTRUCTURE



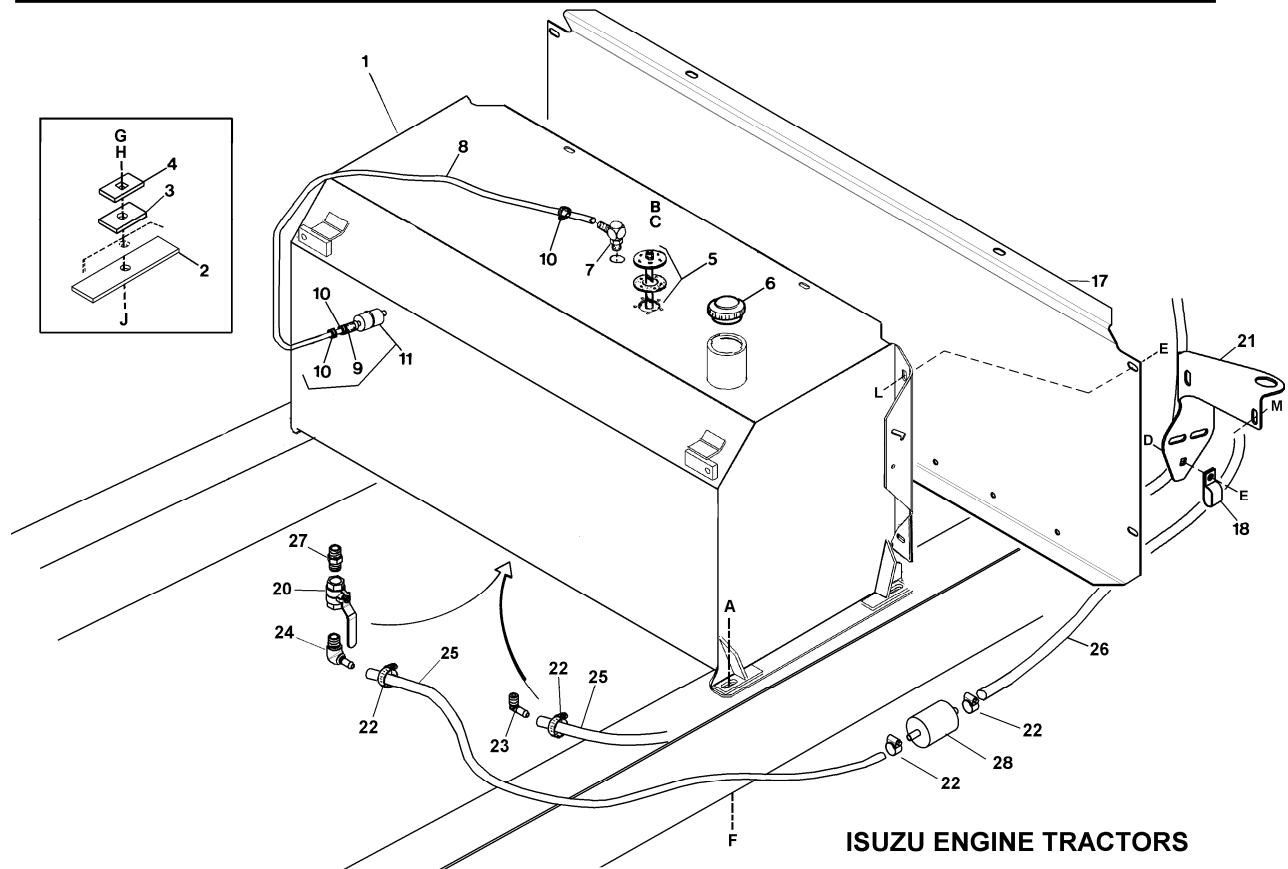
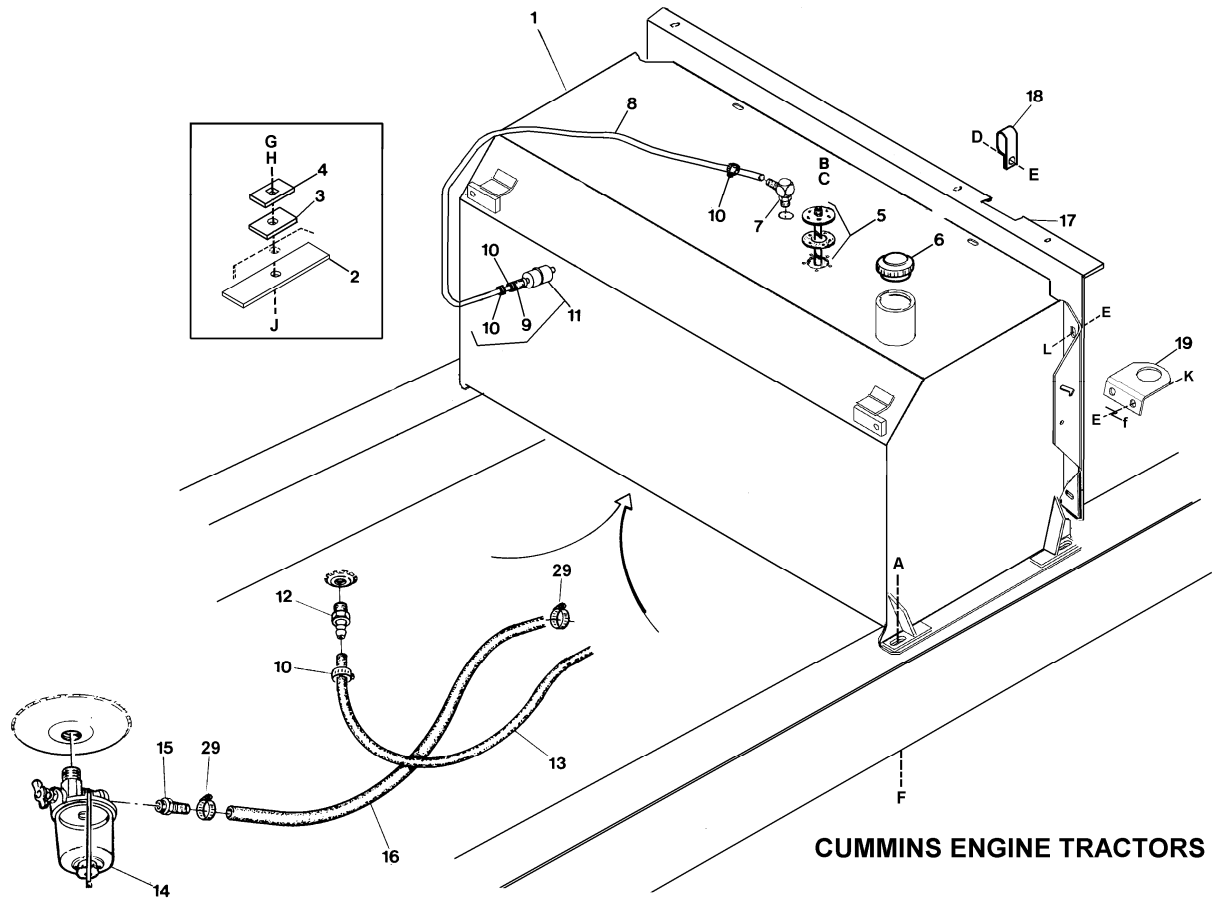
## ENGINE SUPERSTRUCTURE

| REF | PART<br>NUMBER | DESCRIPTION                                                                     | QTY | SERIAL<br>NUMBER |
|-----|----------------|---------------------------------------------------------------------------------|-----|------------------|
| 1   | 112205         | ▲●* SHIELD - heat .....                                                         | 1   |                  |
|     | 111356         | ■ SHIELD - heat .....                                                           | 1   |                  |
| 2   | 112073         | SUPPORT - radiator, left - with decal .....                                     | 1   |                  |
| 3   | 112074         | SUPPORT - radiator, right .....                                                 | 1   |                  |
| 4   | 112099         | ● COVER - engine, turbocharged diesel .....                                     | 1   |                  |
|     | 112242         | ▲ COVER - engine, naturally aspirated diesel .....                              | 1   |                  |
|     | 111353         | ■ COVER - engine, turbocharged diesel .....                                     | 1   |                  |
|     | 162024         | * COVER - engine, turbocharged diesel .....                                     | 1   |                  |
| 5   | 112132         | HANDLE - hood opening .....                                                     | 2   |                  |
| 6   | 112134         | ANGLE - hood rail, L/H .....                                                    | 1   |                  |
|     | 112135         | ANGLE - hood rail, R/H .....                                                    | 1   |                  |
| 7   | 112078         | ANGLE - hood rail, L/H closing .....                                            | 1   |                  |
|     | 112077         | ANGLE - hood rail, R/H closing .....                                            | 1   |                  |
| 8   | 112180         | SEAL - closing angles .....                                                     | 2   |                  |
| 9   | 112220         | WASHER - steel/rubber, 3/8 .....                                                | 2   |                  |
| 10  | 43848          | CLAMP .....                                                                     | 2   |                  |
| 11  | 112187         | ANGLE - upper hood, closing .....                                               | 1   |                  |
| 12  | 112188         | SEAL - hood closing .....                                                       | 1   |                  |
| 13  | 111445         | HOOD & SCREEN ASSEMBLY - includes screens (items 14 & 15), (was 111120) .....   | 1   |                  |
| 14  | 112053         | SCREEN - R/H grill .....                                                        | 1   |                  |
| 15  | 112054         | SCREEN - L/H grill .....                                                        | 1   |                  |
| 17  | 112219         | SPRING - gas, includes items 18-20 .....                                        | 2   |                  |
| 18  | 112216         | SPRING - compression .....                                                      | 2   |                  |
| 19  | 112217         | BALL - stud .....                                                               | 4   |                  |
| 20  | 112218         | CLIP - ball stud .....                                                          | 4   |                  |
| 21  | 112108         | SUPPORT - hinge .....                                                           | 1   |                  |
| 22  | 112110         | HINGE .....                                                                     | 2   |                  |
| 23  | 112062         | CABLE - hood release .....                                                      | 1   |                  |
| 24  | 112063         | SUPPORT - top radiator .....                                                    | 1   |                  |
| 25  | 112147         | SUPPORT - hood seal .....                                                       | 1   |                  |
| 26  | 111378         | PAN - hood bottom (was 112066) .....                                            | 1   |                  |
| 27  | 112067         | SEAL - lower hood .....                                                         | 1   |                  |
| 28  | 112068         | STRAP - clamp, hood seal .....                                                  | 1   |                  |
| 29  | 112247         | ▲ SHROUD - fan, with seals, item 30, (N.A. only) .....                          | 1   |                  |
|     | 112246         | ● SHROUD - fan, with seals item 30, (Turbo only)(may be subbed to 163563) ..... | 1   |                  |
|     | 112449         | ■ SHROUD - fan, with seals item 30, turbo .....                                 | 1   |                  |
|     | 163563         | * SHROUD - fan, with seals item 30, turbo .....                                 | 1   |                  |
| 30  | 42269          | SEAL - foam, fan shroud .....                                                   | 2   |                  |
| 31  | 42688          | LATCH - hood .....                                                              | 1   |                  |
| 32  | 112265         | SUPPORT - hinge .....                                                           | 1   |                  |
| 33  | 112524         | ROPE - nylon, XX52 & XX52i Models only .....                                    | 1   |                  |
| 34  | 112517         | RETAINER - rope storage, XX52 & XX52i Models only .....                         | 1   |                  |
| 35  | 112523         | HANDLE - rubber, XX52 & XX52i Models only .....                                 | 1   |                  |
| 36  | 112508         | INSERT - handle, XX52 & XX52i Models only .....                                 | 1   |                  |
| 37  | 42266          | SEAL - foam, rad support, vertical .....                                        | 2   |                  |
| 38  | 42274          | SEAL - foam, rad support, horizontal .....                                      | 2   |                  |
| 39  | 112657         | SEAL - foam, rad support, corner .....                                          | 2   |                  |

~ f REF Indicates where hardware passes through frame or support member.

|   |        |                                          |      |       |                                          |
|---|--------|------------------------------------------|------|-------|------------------------------------------|
| A | 21863  | BOLT - round hd, sq. nk, 3/8 NC x 3/4"   | P    | 50225 | NUT - flange lock, 5/8 - 11 NC           |
| B | 30228  | NUT - lock, smth flng, 3/8 NC dist. thd. | R    | 18600 | WASHER - flat, 5/8 inch ID               |
| C | 21821  | BOLT - flange head, 3/8 NC x 3/4"        | S    | 18636 | WASHER - lock, 5/16 inch ID              |
| D | 19965  | BOLT - round hd, sq nk, 3/8 NC x 1"      | T    | 18597 | WASHER - flat, 11/32 inch ID             |
| E | 21472  | BOLT - round hd, sq. nk, 3/8 NC x 3/4"   | U    | 21975 | BOLT - flange head, 3/8 NC x 1"          |
| F | 18589  | NUT - hex, 5/16 NC                       | V    | 18598 | WASHER - flat, 3/8 inch ID               |
| G | 21455  | NUT - serrated flange, 1/4 NC            | W ●■ | 18596 | WASHER - flat, 9/32 inch ID              |
| H | 21483  | BOLT - rnd hd, sq. nk, 1/4 NC x 1-1/2"   | X    | 30280 | NUT - lock, smth flng, 5/16 NC dist thd. |
| I | 105066 | BOLT - hex head, 1/2 NC x 3/4 inch       |      |       |                                          |
| J | 111088 | BOLT - M6 x 3/4 inch                     | Y    | 21264 | BOLT - hex hd, 3/8 NC x 1-1/4"           |
| K | 112222 | NUT - nylon insert, M6 x 1 inch          | Z ■  | 21282 | BOLT - flg hd, 5/16 NC x 1 inch          |
| L | 21476  | BOLT - round hd, sq. nk, 1/4 NC x 3/4"   | a ■  | 30280 | NUT - flange, 5/16 NC                    |
| M | 21558  | BOLT - hex head, 5/16 NC x 3/4"          |      |       |                                          |
| N | 30821  | BOLT - hex head, 5/16 NC x 3-1/2"        |      |       |                                          |

▲ - MacDon 9250, Westward 9250, Prairie Star 4940, Premier 2940, Harvest Pro 8140  
 ● - MacDon 9350/9352, Westward 9350/9352, Prairie Star 4950/4952, Premier 2950/2952, Harvest Pro 8150/8152  
 ■ - MacDon 9352i, Westward 9352i, Prairie Star 4952i, Premier 2952i, Harvest Pro 8152i  
 \* - MacDon 9352c, Westward 9352c, Prairie Star 4952c, Premier 2952c, Harvest Pro 8152c

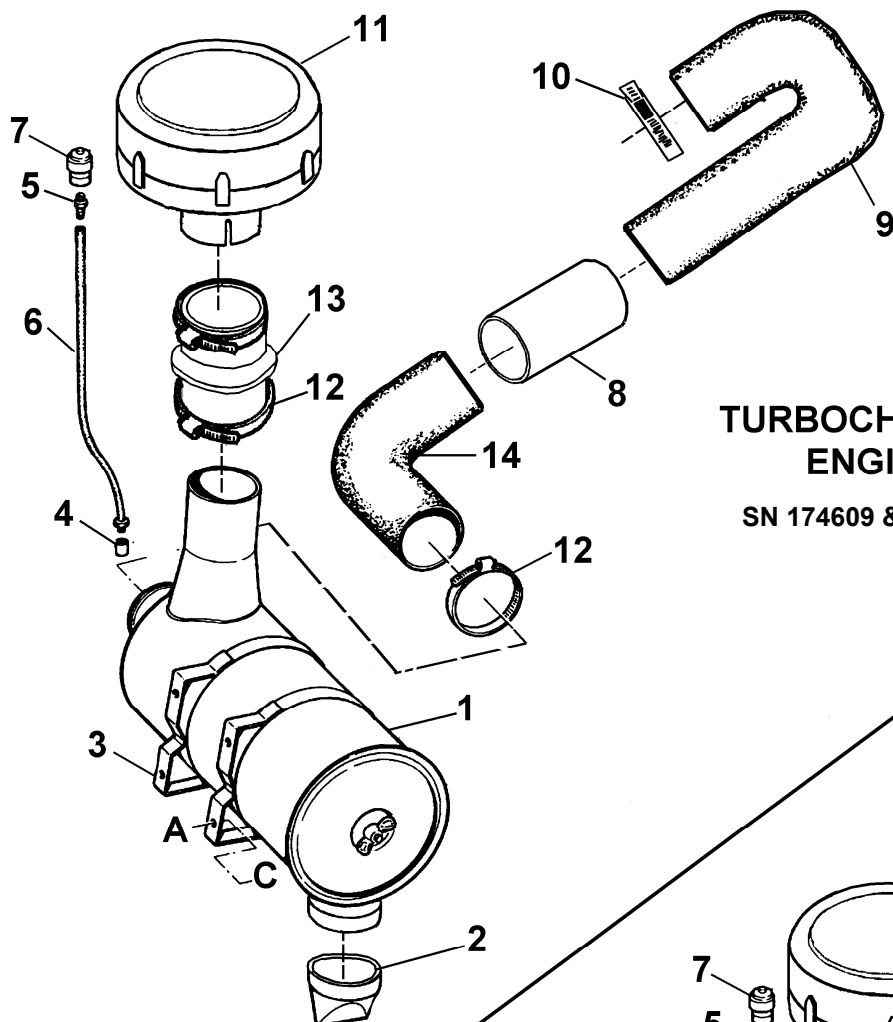
**FUEL SYSTEM**

## FUEL SYSTEM

| REF | PART<br>NUMBER | DESCRIPTION                                                                          | QTY | SERIAL<br>NUMBER |
|-----|----------------|--------------------------------------------------------------------------------------|-----|------------------|
| 1   | 112044         | TANK - fuel .....                                                                    | 1   |                  |
| 2   | 112095         | PAD – rubber, R/H bottom mount.....                                                  | 1   |                  |
| 3   | 112153         | PAD – rubber, R/H top mount.....                                                     | 1   |                  |
| 4   | 112154         | PLATE – R/H mount .....                                                              | 1   |                  |
| 5   | 112142         | SENDER - fuel, with gasket.....                                                      | 1   |                  |
|     | 50014          | GASKET - fuel sender .....                                                           | 1   |                  |
| 6   | 112145         | CAP - fuel tank .....                                                                | 1   |                  |
| 7   | 112092         | FITTING – barbed.....                                                                | 1   |                  |
| 8   | 112215         | HOSE - tank vent.....                                                                | 1   |                  |
| 9   | 44304          | HOSE - to filter .....                                                               | 1   |                  |
| 10  | 30500          | CLAMP - hose .....                                                                   | 3   |                  |
| 11  | 21052          | FILTER - fuel vent line, incl. hose (item 9) and two clamps (item 10) .....          | 1   |                  |
| 12  | 30624          | FITTING - barbed, 1/4 NPT x 3/16 hose (N.A. only).....                               | 1   | -162249          |
|     | 30937          | FITTING - barbed, 1/4 NPT x 5/16 hose.....                                           | 1   | see note 1       |
| 13  | 111010         | HOSE - from engine return line .....                                                 | 1   | see note 1       |
|     | 45651          | HOSE – from engine return line (N.A. only) .....                                     | 1   | -162249          |
| 14  | 30419          | BOWL – sediment, with screen .....                                                   | 1   |                  |
| 15  | 30426          | FITTING - barbed, 1/8 NPT x 5/16 hose.....                                           | 1   | -162249          |
|     | 21992          | FITTING – barbed, 1/8 NPT x 3/8 hose .....                                           | 1   | 162250-          |
| 16  | 42014          | HOSE - to engine fuel pump.....                                                      | 1   | -162249          |
|     | 111785         | HOSE – to engine fuel pump .....                                                     | 1   | 162250-          |
| 17  | REF            | PANEL - see "Engine Superstructure" .....                                            | 1   |                  |
| 18  | 135224         | HOLDER – hose (was 39272) .....                                                      | 1   |                  |
| 19  | 112206         | SUPPORT – tank breather .....                                                        | 1   |                  |
| 20  | 111440         | VALVE – ball, fuel shut off (XX52i only) .....                                       | 1   |                  |
| 21  | 111376         | SUPPORT – throttle (XX52i only).....                                                 | 1   |                  |
| 22  | 30094          | CLAMP – hose (XX52i only) .....                                                      | 6   |                  |
| 23  | 111442         | FITTING – barbed, 1/4 NPT x 3/8 hose (XX52i only) .....                              | 1   |                  |
| 24  | 50069          | FITTING – barbed, 3/8 NPT x 3/8 hose (XX52i only) .....                              | 1   |                  |
| 25  | 111393         | HOSE – from engine return line (XX52i only) .....                                    | 2   |                  |
| 26  | 111613         | HOSE – suction, to engine fuel pump (XX52i only), (was 111392) .....                 | 1   |                  |
| 27  | 21844          | FITTING – nipple, 3/8 NPT (XX52i only) .....                                         | 1   |                  |
| 28  | 111608         | FILTER – fuel, in-line (install in suction line) .....                               | 1   |                  |
| 29  | 30500          | CLAMP – hose .....                                                                   | 2   | -162249          |
|     | 30094          | CLAMP – hose .....                                                                   | 2   | 162250-          |
| A   | 21469          | BOLT – round head, square neck, 1/2 NC x 1-1/2 inch                                  |     |                  |
| B   | 18577          | SCREW - machine, #10 NC x 3/4 inch                                                   |     |                  |
| C   | 18634          | WASHER - lock, #10, 3/16 inch ID                                                     |     |                  |
| D   | 21863          | BOLT – round head, short square neck, 3/8 NC x 3/4 inch                              |     |                  |
| E   | 30228          | NUT – lock, smooth flange, 3/8 NC distorted thread - naturally aspirated engine only |     |                  |
| F   | 50186          | NUT – lock, smooth flange, 1/2 NC distorted thread                                   |     |                  |
| G   | 30027          | BOLT – round head, square neck, 1/2 NC x 2-1/4 inch                                  |     |                  |
| H   | 18599          | WASHER – flat, 17/32 inch ID                                                         |     |                  |
| J   | 18591          | NUT – hex, 1/2 NC                                                                    |     |                  |
| K   | 21821          | BOLT – hex head, flange, 3/8 NC x 3/4 inch                                           |     |                  |
| L   | 21472          | BOLT – round head, square neck, 3/8 NC x 3/4 inch                                    |     |                  |
| M   | 101898         | SCREW – self tapping, 3/8 NC x 5/8 inch                                              |     |                  |

NOTES: 1.) Item 12 & 13 – used on all XX50/XX52i tractors serial numbers.  
- used on XX40 tractors serial number 162250 & up.

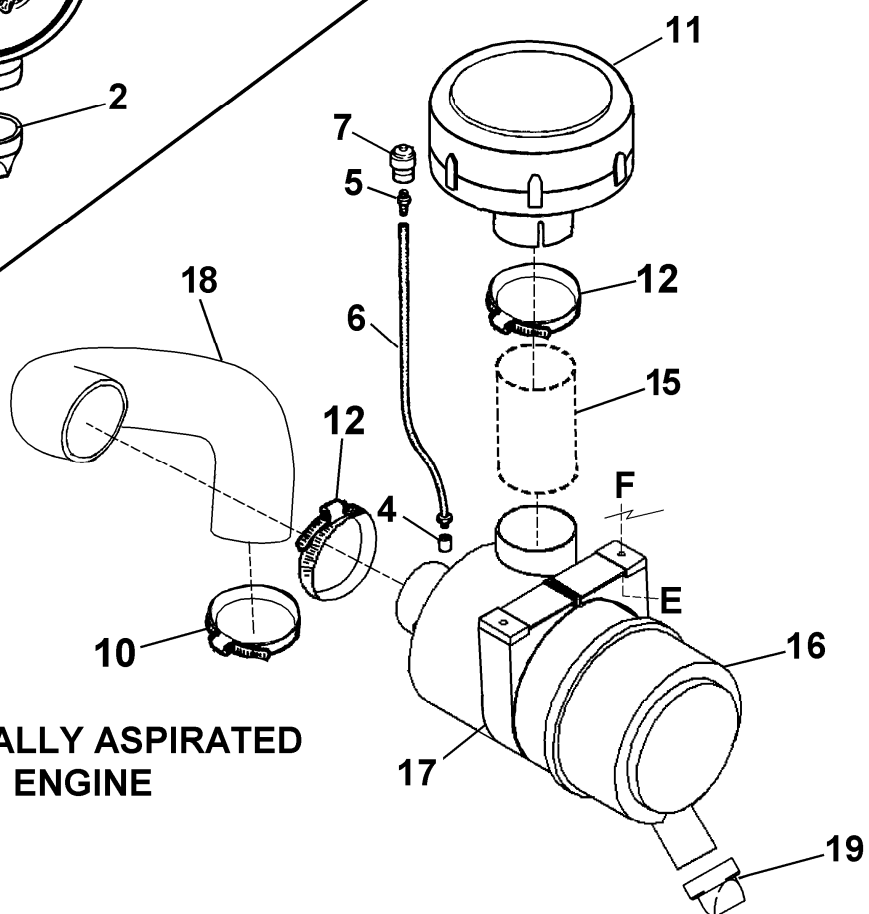
## ENGINE AIR INTAKE – CUMMINS ENGINE TRACTOR UNITS



**NOTE:** FOR ENGINE AIR INTAKE FOR CUMMINS TURBO UNITS WITH SN 174610 AND ABOVE, SEE PAGE 62/63

## TURBOCHARGED ENGINE

### SN 174609 & BELOW

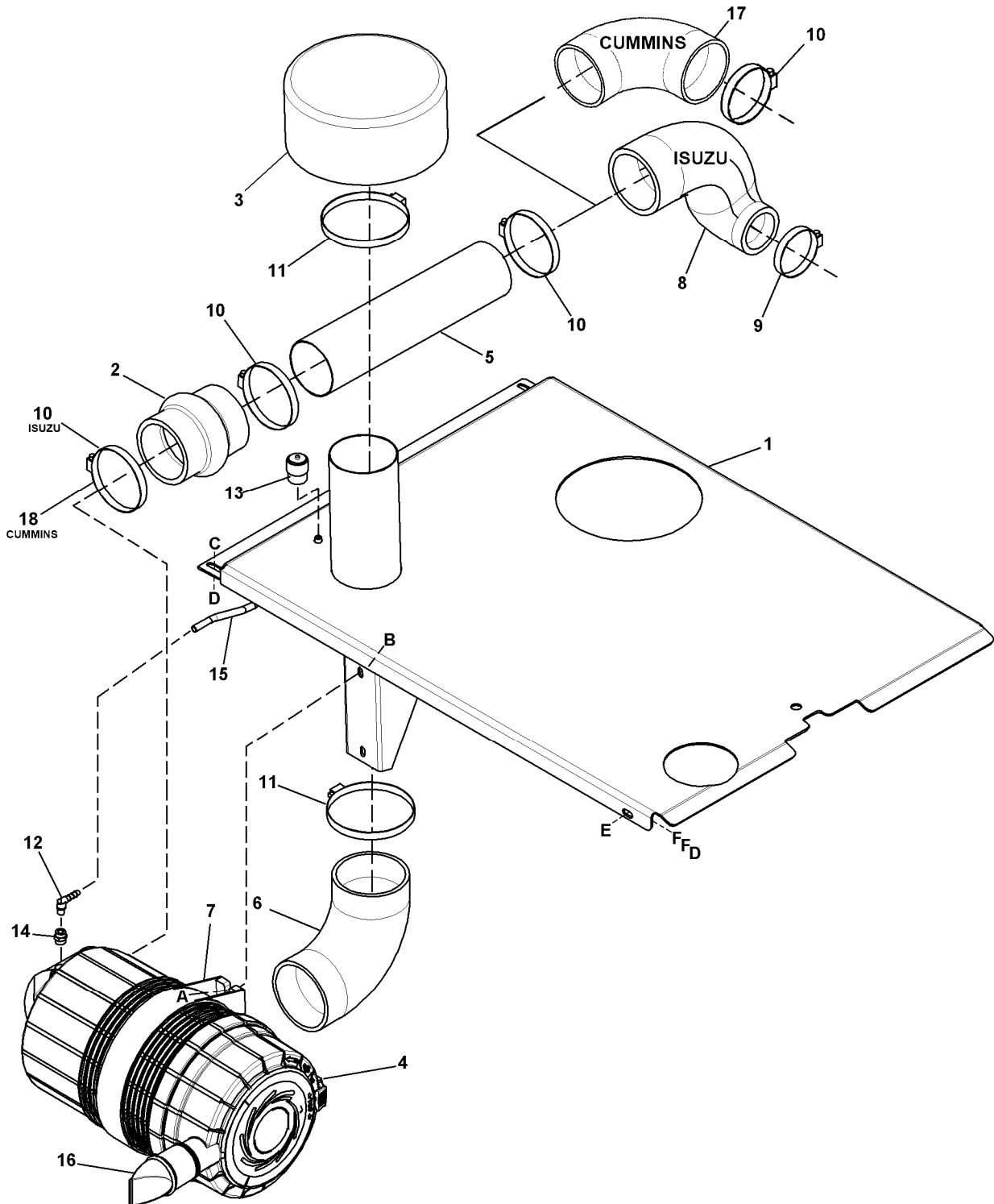


## NATURALLY ASPIRATED ENGINE

## ENGINE AIR INTAKE – CUMMINS ENGINE TRACTOR UNITS

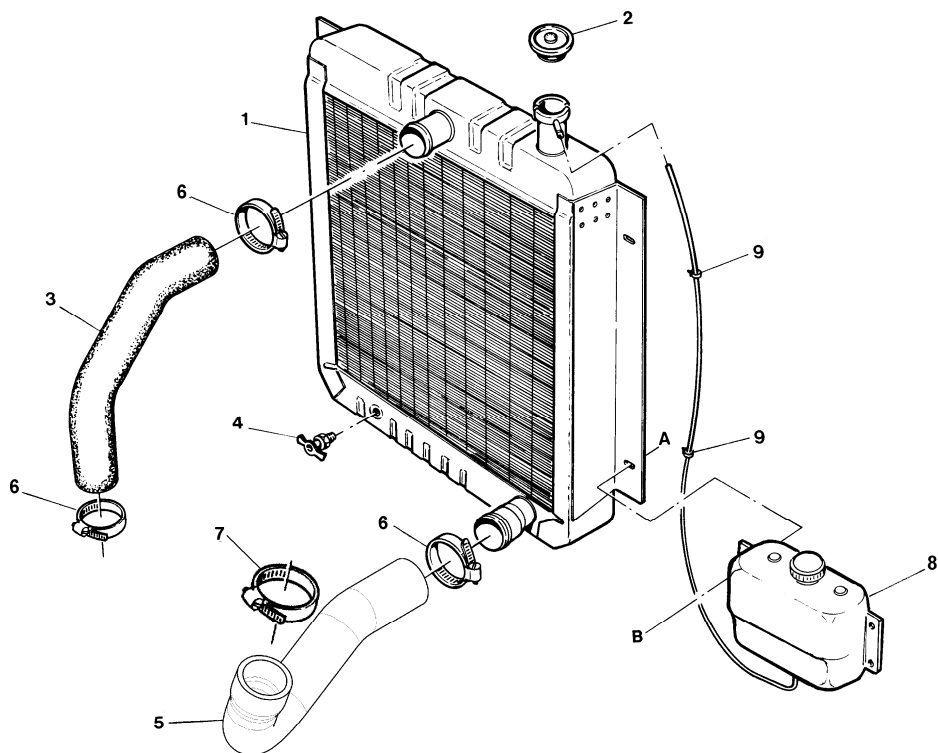
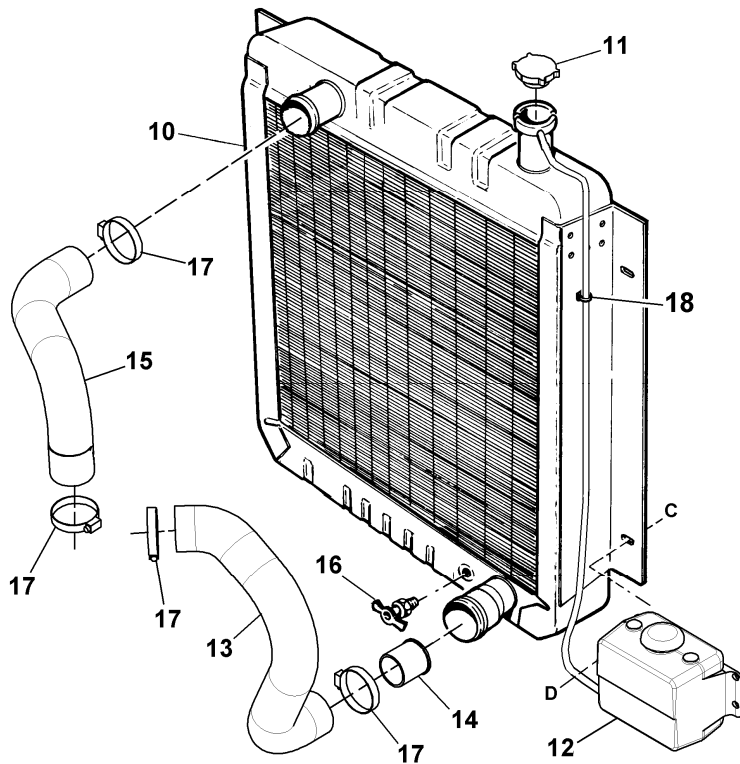
| REF                         | PART<br>NUMBER | DESCRIPTION                                                                        | QTY<br>NA / TURBO | SERIAL<br>NUMBER |
|-----------------------------|----------------|------------------------------------------------------------------------------------|-------------------|------------------|
| <b>AIR CLEANER ELEMENTS</b> |                |                                                                                    |                   |                  |
|                             | 111134         | ELEMENT – filter, primary (outer), Turbo Engine .....                              | 1                 | -174609          |
|                             | 111135         | ELEMENT – filter, safety (inner), Turbo Engine.....                                | 1                 | -174609          |
|                             | 111060         | ELEMENT - filter, primary (outer), Nat. Asp. Engine .....                          | 1                 |                  |
|                             | 111061         | ELEMENT - filter, safety (inner), Nat. Asp. Engine .....                           | 1                 |                  |
| 1                           | 111130         | CLEANER – engine air, with filter elements, includes item 2, Turbo Engine.....     | 1                 | -174609          |
|                             | 20424          | NUT - wing.....                                                                    | 2                 |                  |
| 2                           | 111255         | VALVE – vacuator, Turbo Engine.....                                                | 1                 | -174609          |
| 3                           | 112120         | BAND - mounting, with hardware, Turbo Engine.....                                  | 2                 | -174609          |
| 4                           | 30007          | CONNECTOR - 1/8 NPT .....                                                          | 1                 |                  |
| 5                           | 30426          | FITTING - barbed, 1/8 NPT x 5/16" ID hose.....                                     | 2                 |                  |
| 6                           | 111077         | HOSE - to service indicator .....                                                  | 1                 |                  |
| 7                           | 30005          | INDICATOR - service .....                                                          | 1                 |                  |
| 8                           | 112228         | TUBE – pre-cleaner, Turbo Engine .....                                             | 1                 | -174609          |
| 9                           | 112131         | HOSE - air intake to engine, Turbo Engine .....                                    | 1                 | -174609          |
| 10                          | 50073          | CLAMP – hose .....                                                                 | 1 / 2             |                  |
| 11                          | 112121         | PRE-CLEANER - with clamp.....                                                      | 1                 |                  |
| 12                          | 112230         | CLAMP - hose .....                                                                 | 3 / 4             |                  |
| 13                          | 112231         | HOSE – hump, Turbo Engine .....                                                    | 1                 | -174609          |
| 14                          | 112227         | HOSE ELBOW - 90°, reducer, engine air intake, Turbo Engine.....                    | 1                 | -174609          |
| 15                          | REF            | COVER – engine, Nat. Asp., See "Engine Superstructure", page 57.....               | 1                 |                  |
| 16                          | 111051         | CLEANER - engine air, with filter elements, includes item 19, Nat. Asp. Engine.... | 1                 |                  |
| 17                          | 111052         | BAND - mounting, with hardware, Nat. Asp. Engine .....                             | 1                 |                  |
| 18                          | 112261         | HOSE - air intake to engine, Nat. Asp. Engine .....                                | 1                 |                  |
| 19                          | 111063         | VALVE – vacuator, Nat. Asp. Engine .....                                           | 1                 |                  |
| A                           | 21452          | NUT - serrated flange, 3/8 NC                                                      |                   |                  |
| B                           | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread                                 |                   |                  |
| C                           | 21821          | BOLT - flange head, 3/8 NC x 3/4 inch                                              |                   |                  |
| D                           | 18598          | WASHER – flat, 3/8 inch ID                                                         |                   |                  |
| E                           | 21282          | BOLT – round head, square neck, 5/16 NC x 1 inch                                   |                   |                  |
| F                           | 30280          | NUT – flange, 5/16 NC, distorted thread                                            |                   |                  |

**ENGINE AIR INTAKE – ISUZU ENGINE TRACTOR UNITS  
& CUMMINS TRACTOR UNITS SN 174610 and ABOVE**



# ENGINE AIR INTAKE – ISUZU ENGINE TRACTOR UNITS & CUMMINS TRACTOR UNITS SN 174610 and ABOVE

| REF                          | PART   | DESCRIPTION                                                      | QTY          | SERIAL |
|------------------------------|--------|------------------------------------------------------------------|--------------|--------|
| <b>AIR CLEANER ELEMENTS:</b> |        |                                                                  |              |        |
|                              | 112687 | ELEMENT – filter, primary (outer).....                           | 1            |        |
|                              | 112688 | ELEMENT – filter, safety (inner) .....                           | 1            |        |
| NUMBER                       |        |                                                                  | TURBO NUMBER |        |
| 1                            | REF    | COVER – engine, see “Engine Superstructure” .....                | 1            |        |
| 2                            | 112485 | ADAPTER – straight hump, ISUZU .....                             | 1            |        |
|                              | 162029 | ADAPTER – reducer hump, CUMMINS .....                            | 1            |        |
| 3                            | 112121 | CLEANER - pipe.....                                              | 1            |        |
| 4                            | 112476 | CLEANER – engine air, includes filter elements and item 16 ..... | 1            |        |
| 5                            | 112484 | TUBE – air intake, ISUZU .....                                   | 1            |        |
|                              | 162028 | TUBE – air intake, CUMMINS .....                                 | 1            |        |
| 6                            | 112486 | ELBOW – air intake, ISUZU .....                                  | 1            |        |
|                              | 111717 | ELBOW – air intake, CUMMINS .....                                | 1            |        |
| 7                            | 112481 | BAND – air intake support .....                                  | 1            |        |
| 8                            | 111357 | HOSE – air intake, moulded .....                                 | 1            |        |
| 9                            | 21913  | CLAMP - hose .....                                               | 1            |        |
| 10                           | 135270 | CLAMP – hose, ISUZU .....                                        | 3            |        |
|                              | 50073  | CLAMP – hose, CUMMINS .....                                      | 3            |        |
| 11                           | 112230 | CLAMP - hose .....                                               | 2            |        |
| 12                           | 50070  | FITTING – elbow, barbed, 90° .....                               | 2            |        |
| 13                           | 30005  | INDICATOR - service .....                                        | 1            |        |
| 14                           | 30007  | FITTING – hydraulic, female union.....                           | 1            |        |
| 15                           | 111077 | HOSE – indicator, ISUZU .....                                    | 1            |        |
|                              | 162030 | HOSE – indicator, CUMMINS .....                                  | 1            |        |
| 16                           | 112825 | VALVE – vacuator .....                                           | 1            |        |
| 17                           | 112177 | HOSE – air intake, CUMMINS .....                                 | 1            |        |
| 18                           | 135270 | CLAMP HOSE, CUMMINS .....                                        | 1            |        |
| A                            | 21282  | BOLT - round head, square neck, 5/16 NC x 1 inch                 |              |        |
| B                            | 30280  | NUT – flange, 5/16 NC                                            |              |        |
| C                            | 21281  | BOLT - flange head, 3/8 NC x 3/4 inch                            |              |        |
| D                            | 30228  | NUT – lock, smooth flange, 3/8 NC, distorted thread              |              |        |
| E                            | 21975  | BOLT - flange head, 3/8 NC x 1 inch                              |              |        |
| F                            | 18598  | WASHER – flat, 13/32 inch ID                                     |              |        |

**ENGINE COOLING****CUMMINS ENGINE TRACTOR UNITS****ISUZU ENGINE TRACTOR UNITS**

**ENGINE COOLING**

| REF | PART<br>NUMBER | DESCRIPTION | QTY | SERIAL<br>NUMBER |
|-----|----------------|-------------|-----|------------------|
|-----|----------------|-------------|-----|------------------|

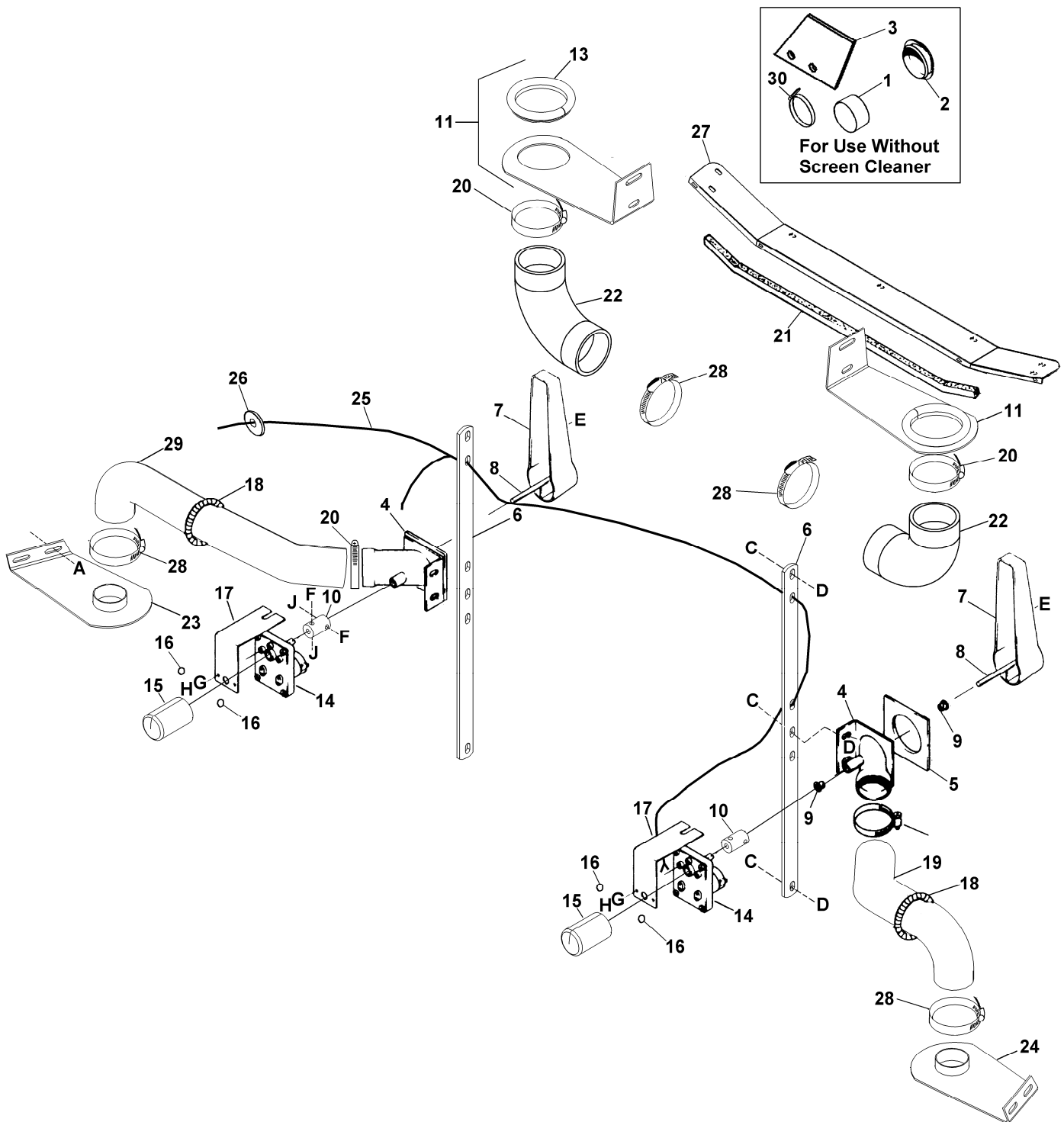
**CUMMINS ENGINE TRACTOR UNITS:**

|   |        |                                                                               |   |         |
|---|--------|-------------------------------------------------------------------------------|---|---------|
| 1 | 112030 | RADIATOR, all serial #'s for NA + serial # 174609 & below for turbo .....     | 1 |         |
|   | 111350 | RADIATOR- turbo only .....                                                    | 1 | 174610- |
| 2 | 24210  | CAP - radiator .....                                                          | 1 |         |
| 3 | 25916  | HOSE - upper rad, all serial #'s for NA + serial # 174609 & below for turbo   | 1 |         |
|   | 163247 | HOSE – upper rad – turbo only .....                                           | 1 | 174610- |
| 4 | 20023  | VALVE - drain .....                                                           | 1 |         |
| 5 | 25915  | HOSE - lower rad .....                                                        | 1 | -162249 |
|   | 111631 | HOSE – lower rad.....                                                         | 1 | 162250- |
| 6 | 17959  | CLAMP - hose, all serial #'s for NA + serial # 174609 & below for turbo ..... | 3 |         |
|   | 21995  | CLAMP – turbo only.....                                                       | 3 | 174610- |
| 7 | 21913  | CLAMP - hose .....                                                            | 1 | -162249 |
|   | 21995  | CLAMP – turbo only.....                                                       | 1 | 162250- |
| 8 | 42610  | TANK - coolant recovery, with cap and hose .....                              | 1 |         |
|   | 109871 | CAP – vented, for coolant recovery tank .....                                 | 1 |         |
| 9 | 30542  | CLIP - hose.....                                                              | 2 |         |
| A | 21821  | BOLT - flange head, 3/8 NC x 3/4 inch                                         |   |         |
| B | 30228  | NUT - lock, smooth flange, 3/8 NC distorted thread                            |   |         |

**ISUZU ENGINE TRACTOR UNITS:**

|    |        |                                                    |   |  |
|----|--------|----------------------------------------------------|---|--|
| 10 | 111350 | RADIATOR .....                                     | 1 |  |
| 11 | 24210  | CAP - radiator .....                               | 1 |  |
| 12 | 42610  | TANK - coolant recovery, with cap and hose .....   | 1 |  |
|    | 109871 | CAP – vented, for coolant recovery tank .....      | 1 |  |
| 13 | 111365 | HOSE – lower radiator.....                         | 1 |  |
| 14 | 111377 | HOSE – radiator adapter .....                      | 1 |  |
| 15 | 111390 | HOSE – top radiator .....                          | 1 |  |
| 16 | 20023  | FITTING – drain cock .....                         | 1 |  |
| 17 | 21995  | CLAMP – hose .....                                 | 4 |  |
| 18 | 30542  | CLIP - hose.....                                   | 1 |  |
| C  | 21821  | BOLT - flange head, 3/8 NC x 3/4 inch              |   |  |
| D  | 30228  | NUT - lock, smooth flange, 3/8 NC distorted thread |   |  |

## AIR INTAKE SCREEN CLEANER

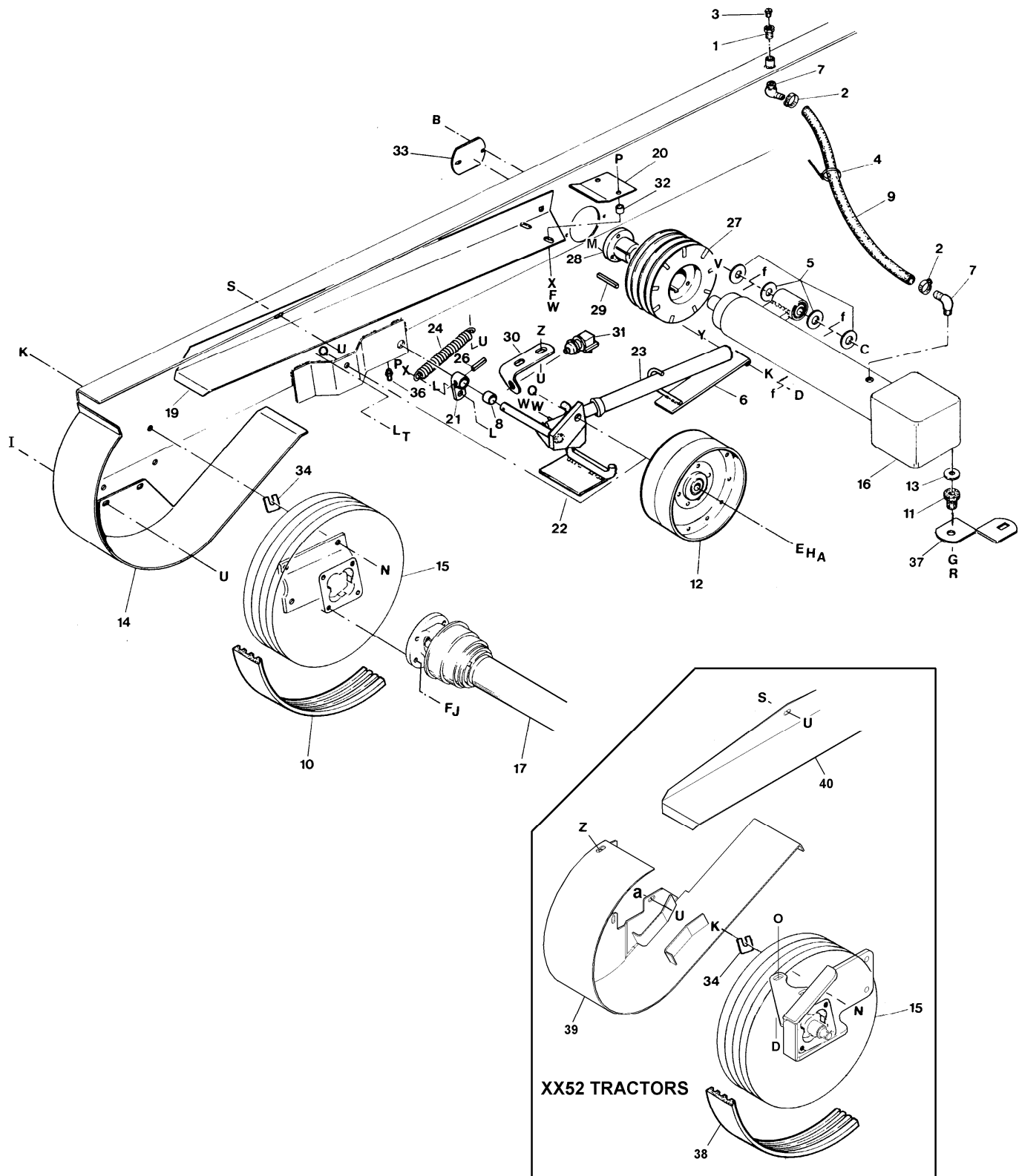


# AIR INTAKE SCREEN CLEANER

| REF | PART<br>NUMBER | DESCRIPTION                                                             | QTY | SERIAL<br>NUMBER |
|-----|----------------|-------------------------------------------------------------------------|-----|------------------|
| 1   | 112254         | CAP - plastic.....                                                      | 2   |                  |
| 2   | 50093          | PLUG - plastic (for screen holes), Standard Air Intake Screen only..... | 2   |                  |
| 3   | 112251         | PLATE – cover, see note (1).....                                        | 2   |                  |
| 4   | 45430          | HOUSING - duct, includes item 5.....                                    | 2   |                  |
| 5   | 45436          | SEAL - foam, housing to screen.....                                     | 2   |                  |
| 6   | 112055         | BAR - mounting .....                                                    | 2   |                  |
| 7   | 45883          | DUCT – plastic .....                                                    | 2   |                  |
| 8   | 45592          | PIN – duct.....                                                         | 2   |                  |
| 9   | 45439          | BUSHING - plastic.....                                                  | 4   |                  |
| 10  | 112255         | COUPLING .....                                                          | 2   |                  |
| 11  | 112256         | CLEANER - seal.....                                                     | 2   |                  |
| 13  | 112185         | SEAL – cleaner.....                                                     | 2   |                  |
| 14  | 42369          | MOTOR - electric.....                                                   | 2   |                  |
| 15  | 112149         | CAP – vinyl .....                                                       | 2   |                  |
| 16  | 5754           | O-ring.....                                                             | 4   |                  |
| 17  | 45448          | STOP - motor.....                                                       | 2   |                  |
| 18  | 45427          | MOULDING - edge .....                                                   | 2   |                  |
| 19  | 112176         | HOSE – air, L/H.....                                                    | 1   |                  |
| 20  | 21995          | CLAMP - hose .....                                                      | 4   |                  |
| 21  | 42274          | SEAL - sponge .....                                                     | 1   |                  |
| 22  | 112177         | HOSE – elbow .....                                                      | 2   |                  |
| 23  | 112160         | SUPPORT – outer cleaner, R/H .....                                      | 1   |                  |
| 24  | 112161         | SUPPORT – outer cleaner, L/H.....                                       | 1   |                  |
| 25  | 45941          | HARNESS – screen cleaner.....                                           | 1   |                  |
| 26  | 42415          | GROMMET – harness .....                                                 | 1   |                  |
| 27  | REF            | PAN – hood bottom, See “Engine Superstructure”, page 57.....            | 1   |                  |
| 28  | 50073          | CLAMP – hose .....                                                      | 2   |                  |
| 29  | 112175         | HOSE – air, R/H .....                                                   | 1   |                  |
| 30  | 30753          | FASTENER – plastic tie .....                                            | 2   |                  |
| A   | 30693          | BOLT – flange, hex head, 3/8 NC                                         |     |                  |
| B   | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread                      |     |                  |
| C   | 21863          | BOLT - round head, square neck, 3/8 NC x 3/4 inch                       |     |                  |
| D   | 21452          | NUT - serrated flange, 3/8 NC                                           |     |                  |
| E   | 50124          | SCREW - hex washer head, 5/16 NC x 1/2 inch, thread cutting             |     |                  |
| F   | 18709          | SCREW - set, Allan socket head, 3/8 NC x 5/8 inch                       |     |                  |
| G   | 20042          | WASHER - lock, #8                                                       |     |                  |
| H   | 30955          | SCREW - machine, round slotted head, #8 NC x 5/16 inch                  |     |                  |
| J   | 18664          | NUT – jam, 3/8 NC                                                       |     |                  |
| ~ f | REF            | Indicates where hardware passes through frame member.                   |     |                  |

NOTES: 1.) Used to plug hose routing holes

## HEADER DRIVE

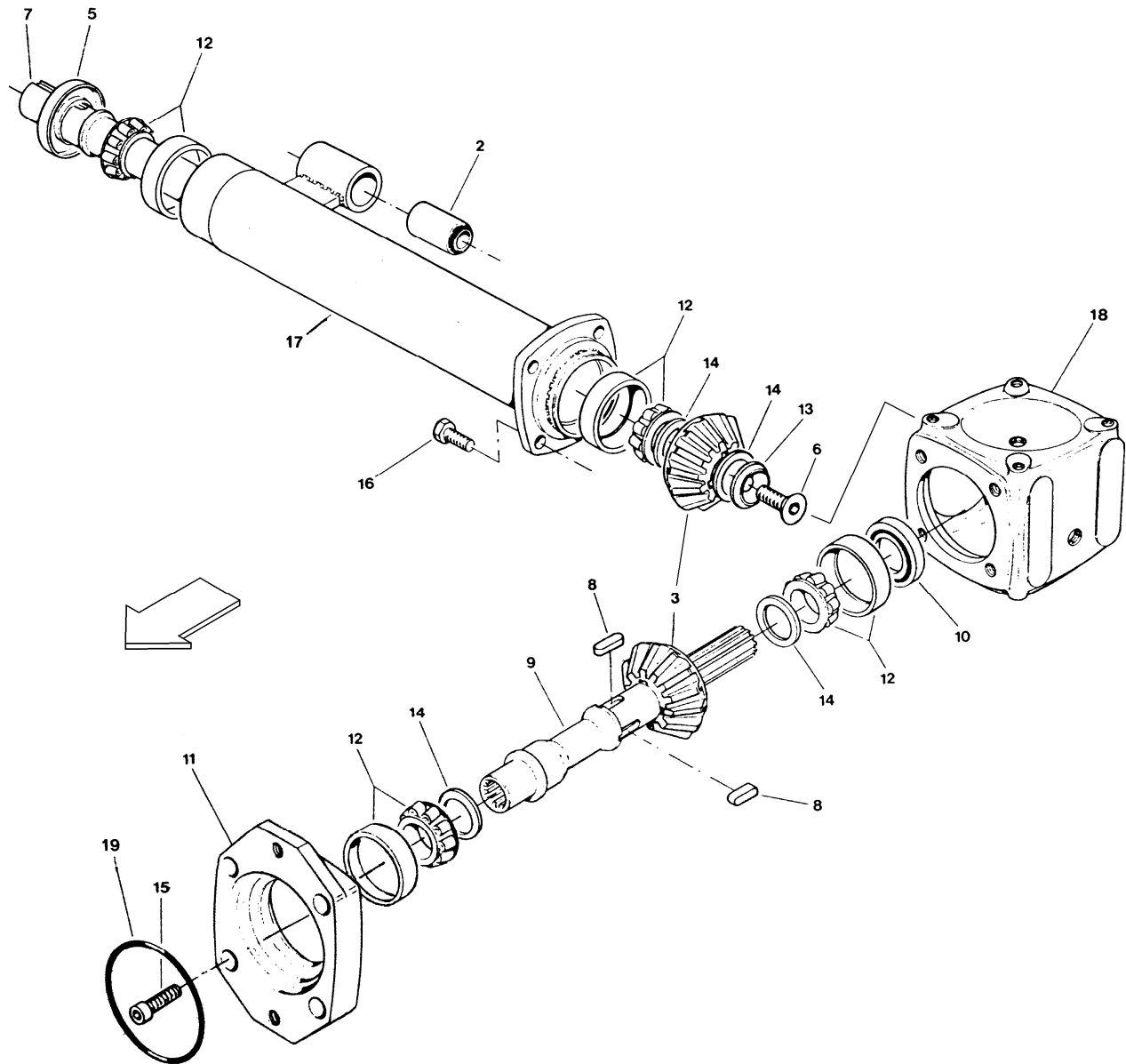


# HEADER DRIVE

| REF | PART<br>NUMBER | DESCRIPTION                                                          | QTY | SERIAL<br>NUMBER                  |                                             |               |
|-----|----------------|----------------------------------------------------------------------|-----|-----------------------------------|---------------------------------------------|---------------|
| 1   | 21024          | FITTING - reducer bushing, 3/8 NPT x 1/8 NPT .....                   | 1   |                                   |                                             |               |
| 2   | 21349          | CLAMP - hose .....                                                   | 2   |                                   |                                             |               |
| 3   | 21425          | VALVE - relief .....                                                 | 1   |                                   |                                             |               |
| 4   | 21763          | FASTENER - plastic tie .....                                         | 1   |                                   |                                             |               |
| 5   | 22072          | WASHER - flat .....                                                  | 2   |                                   |                                             |               |
| 6   | 45230          | GUIDE - belt, lower .....                                            | 1   |                                   |                                             |               |
| 7   | 30938          | FITTING – elbow, 90° barbed elbow, 3/8 NPT x 5/8 I.D. hose .....     | 2   |                                   |                                             |               |
| 8   | 37551          | BUSHING - plastic .....                                              | 2   |                                   |                                             |               |
| 9   | 42016          | HOSE - hydraulic, bevel gear box 45877 to relief valve .....         | 1   | (see pg. 68, 69<br>for box desc.) |                                             |               |
|     | 111292         | HOSE – hydraulic, bevel gear box 45968 to relief valve .....         | 1   |                                   |                                             |               |
| 10  | 42086          | ● BELT - header drive .....                                          | 1   |                                   |                                             |               |
| 11  | 42099          | INSULATOR - rubber .....                                             | 1   |                                   |                                             |               |
| 12  | 42155          | PULLEY - idler .....                                                 | 2   |                                   |                                             |               |
| 13  | 42592          | WASHER - flat .....                                                  | 1   |                                   |                                             |               |
| 14  | 44231          | ● GUARD - front pulley, with decals .....                            | 1   |                                   |                                             |               |
| 15  | REF            | PULLEY ASSEMBLY - see "Header Drive Pulley", page 80 .....           | 1   |                                   |                                             |               |
| 16  | REF            | BEVEL GEARBOX - see page 74-77 .....                                 | 1   |                                   |                                             |               |
| 17  | REF            | DRIVELINE - see page 81 .....                                        | 1   |                                   |                                             |               |
| 19  | 45075          | ● GUIDE - belt, upper .....                                          | 1   |                                   |                                             |               |
| 20  | 45144          | RETAINER - belt .....                                                | 1   |                                   |                                             |               |
| 21  | 45081          | ARM - idler .....                                                    | 1   |                                   |                                             |               |
| 22  | 45086          | PIVOT - idler .....                                                  | 1   |                                   |                                             |               |
| 23  | 45094          | CYLINDER - header clutch, complete .....                             | 1   |                                   |                                             |               |
|     | 45096          | SHAFT - header clutch cylinder .....                                 | 1   |                                   |                                             |               |
|     | 45097          | TUBE - header clutch cylinder .....                                  | 1   |                                   |                                             |               |
|     | 50041          | SEAL - oil, outer (for header clutch cylinder) .....                 | 1   |                                   |                                             |               |
|     | 50042          | SEAL - oil, inner (for header clutch cylinder) .....                 | 1   |                                   |                                             |               |
|     | 50053          | RING - retaining, internal (for header clutch cylinder) .....        | 1   |                                   |                                             |               |
|     | 45040          | RESTRICTOR - hydraulic .....                                         | 1   |                                   |                                             |               |
|     | 17006          | O-RING - (for header clutch cylinder) .....                          | 1   |                                   |                                             |               |
| 24  | 9423           | SPRING - extension .....                                             | 1   |                                   |                                             |               |
| 26  | 50075          | PIN - roll, 3/8 x 1 inch .....                                       | 1   |                                   |                                             |               |
| 27  | 111281         | PULLEY - driver, Turbo Diesel (was 42153) .....                      | 1   |                                   |                                             |               |
|     | 111282         | PULLEY - driver, Naturally Aspirated Diesel Engine (was 45522) ..... | 1   |                                   |                                             |               |
| 28  | 115074         | BUSHING - split taper, with outer key .....                          | 1   |                                   |                                             |               |
| 29  | 17194          | KEY - 5/16 square x 2 inch .....                                     | 1   |                                   |                                             |               |
| 30  | 45534          | SUPPORT - switch .....                                               | 1   |                                   |                                             |               |
| 31  | 109816         | SWITCH - header drive belt (was 45234) .....                         | 1   |                                   |                                             |               |
| 32  | 45148          | SPACER .....                                                         | 2   |                                   |                                             |               |
| 33  | 45262          | COVER - gearbox shaft access .....                                   | 1   |                                   |                                             |               |
| 34  | 44354          | SHIM - header pulley alignment .....                                 | A/R |                                   |                                             |               |
| 36  | 18671          | FITTING - lube .....                                                 | 1   |                                   |                                             |               |
| 37  | REF            | SUPPORT - fan shield, see page 78 .....                              | 1   |                                   |                                             |               |
| 38  | 45959          | ■ BELT - header drive .....                                          | 1   |                                   |                                             |               |
| 39  | 112274         | ■ GUARD – front pulley, with decals .....                            | 1   |                                   |                                             |               |
| 40  | 111176         | ■ GUIDE – belt, upper .....                                          | 1   |                                   |                                             |               |
|     |                |                                                                      |     |                                   |                                             |               |
| A   | 18592          | NUT - hex, 5/8 NC                                                    | P   | 21561                             | BOLT – hex hd, 3/8 NC x 1-1/2 inch          |               |
| B   | 50124          | SCREW - hex washer head, 5/16 x 1/2"                                 | Q   | 21584                             | BOLT – hex hd, 5/8 NC x 2-1/2 inch          |               |
| C   | 18666          | NUT - lock, 5/8 NC dist. thread                                      | R   | 21760                             | BOLT - hex hd, 1/2 NC x 2 1/2 inch          |               |
| D   | 50186          | NUT - lock, smth flange, 1/2 NC dist. Thd.                           | S   | 21863                             | BOLT- rnd hd, short sq. nk, 3/8 NC x 3/4 in |               |
| E   | 18600          | WASHER - flat, 21/32 inch I.D.                                       | T   | 30080                             | BOLT - hex head, 3/8 NC x 4-1/2 inch        |               |
| F   | 18637          | WASHER - lock, 3/8 inch ID                                           | U   | 30228                             | NUT - lock, smooth flange, 3/8 NC dist.thd. |               |
| G   | 18638          | WASHER - lock, 1/2 inch ID                                           | V   | 21720                             | BOLT - hex head, 5/8 NC x 4-1/2 inch        |               |
| H   | 18639          | WASHER - lock, 5/8 inch ID                                           | W   | 18590                             | NUT - hex, 3/8 NC                           |               |
| I   | 21472          | BOLT - rnd hd, sq. nk, 3/8 NC x 3/4"                                 | X   | 18598                             | WASHER - flat, 13/32 inch I.D.              |               |
| J   | 20077          | BOLT - hex head, 3/8 NC x 1 inch                                     | Y   | 21589                             | BOLT - hex head, 1/2 NC x 4 inch            |               |
| K   | 21383          | NUT - serrated flange, 1/2 NC                                        | Z   | 21821                             | BOLT - flange head, 3/8 NC x 3/4 inch       |               |
| L   | 21452          | NUT - serrated flange, 3/8 NC                                        | a   | 19965                             | BOLT – round hd, sq. neck, 3/8 NC x 1"      |               |
| M   | 21526          | BOLT - hex hd, 5/16 NC x 1-1/4 in.                                   | ~ f | REF                               | Indicates where hdw passes through          | frame member. |
| N   | 21491          | BOLT – hex hd, 1/2 NC x 1-1/4 inch                                   |     |                                   |                                             |               |
| O   | 21868          | BOLT - rnd hd, sq. nk, 1/2 NC x 1 in.                                |     |                                   |                                             |               |

- - MacDon 9250/9350, Westward 9250/9350, Prairie Star 4940/4950, Premier 2940/2950, Harvest Pro 8140/8150  
 ■ - MacDon 9352/9352i/9352c, Westward 9352/9352i/9352c, Prairie Star 4952/4952i/4952c, Premier 2952/2952i/2952c, Harvest Pro 8152/8152i/8152c

## Header Drive - BEVEL GEARBOX Prior to 2002 Production \*



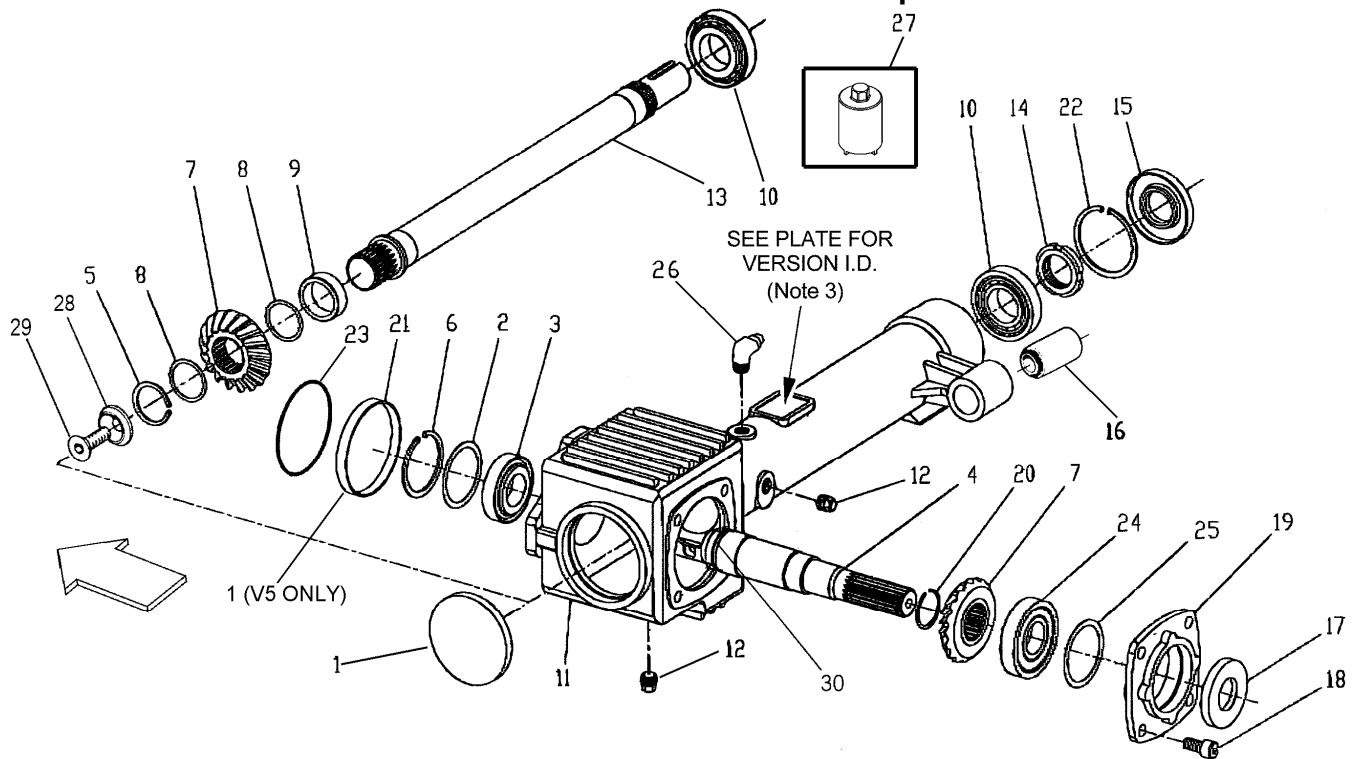
**\* NOTE:** The change-over from this gearbox to the one shown on page 73 occurred in stages over a period extending from the end of 2001 Production through early 2002 Production. For machines built in this period, identify gearbox and order service parts for the appropriate unit. This unit has a bolt-on extension tube (item 17) while the newer gearbox has a one-piece cast housing with cooling fins.

The newer box (**167299**) plus pulley (item 27 on page 69) replaces the prior one (45877) as a complete unit only. See note regarding machining of existing pulley on next page.

**Header Drive - BEVEL GEARBOX**  
**Prior to 2002 Production \***

| REF | PART<br>NUMBER | DESCRIPTION                                                    | QTY | SERIAL<br>NUMBER |
|-----|----------------|----------------------------------------------------------------|-----|------------------|
| *   | 45877          | DRIVE - bevel gearbox, complete - includes items 2 to 19 ..... | 1   | see NOTE         |
| 2   | 13626          | BUSHING - rubber .....                                         | 1   |                  |
| 3   | 42160          | GEAR - set .....                                               | 1   |                  |
| 5   | 45519          | SEAL - output, extension end .....                             | 1   |                  |
| 6   | 42162          | SCREW - special, M14 x 45 mm .....                             | 1   |                  |
| 7   | 42159          | SHAFT - output .....                                           | 1   |                  |
| 8   | 42161          | KEY .....                                                      | 4   |                  |
| 9   | 42158          | SHAFT - input .....                                            | 1   |                  |
| 10  | 45518          | SEAL - input .....                                             | 1   |                  |
| 11  | 42166          | FLANGE - bearing .....                                         | 1   |                  |
| 12  | 50091          | BEARING - tapered roller, cup and cone .....                   | 4   |                  |
| 13  | 42167          | WASHER - blank .....                                           | 1   |                  |
| 14  | 42168          | SHIM KIT .....                                                 | 4   |                  |
| 15  | 50154          | SCREW - hex socket head, M12 x 30 mm .....                     | 4   |                  |
| 16  | 50155          | BOLT - hex head, M12 x 25 mm .....                             | 4   |                  |
| 17  | 45945          | TUBE - extension .....                                         | 1   |                  |
| 18  | 42169          | HOUSING .....                                                  | 1   |                  |
| 19  | 42775          | O-RING - gearbox to tandem pump .....                          | 1   |                  |

## Header Drive - BEVEL GEARBOX: 2002 Production and up \*



### NOTES:

1. For units with V2 gearbox, to upgrade input shaft bearing (engine end), order kit 111963.  
This kit consists of items marked \*\* on page 73.
2. Required for V2 & V3 boxes only, discard spacer if you have V4 box.
3. Version Identification:  
Version 2 (V2): Date code L05 or prior  
Version 3 (V3) :Comer Code 9.327.000.20 Date code A06  
Note: Earlier boxes (Date code L05 or prior) may have been upgraded to V3 box if the end cap housing for input shaft has the new marking. See MD Service Bulletin 0701\_B.  
Version 4 (V4): Comer Code 9.327.100.00 Date Code D 06 and higher.  
For more information on identifying gearbox versions up to V4 see MD Service Bulletin 0701\_B.  
Version 5 (V5): Comer Code 9.327.102.00
4. For units with V2 gearbox. Confirm number on cover casting (item 19), if 12591305.00 order kit 111963 includes items \*\* on page 73.
5. Required on V2 & V3 gearboxes if kit 167014 has been installed.
6. Required on V2 & V3 gearboxes if shaft 167009 has been installed.

**\* NOTE:** The change-over to this gearbox from the one shown on page 71 occurred in stages over a period extending from the end of 2001 Production through early 2002 Production. For machines built in this period, identify gearbox and order service parts for the appropriate unit. This unit has a one-piece cast housing with cooling fins while the prior gearbox has a bolt-on extension tube for the output shaft.

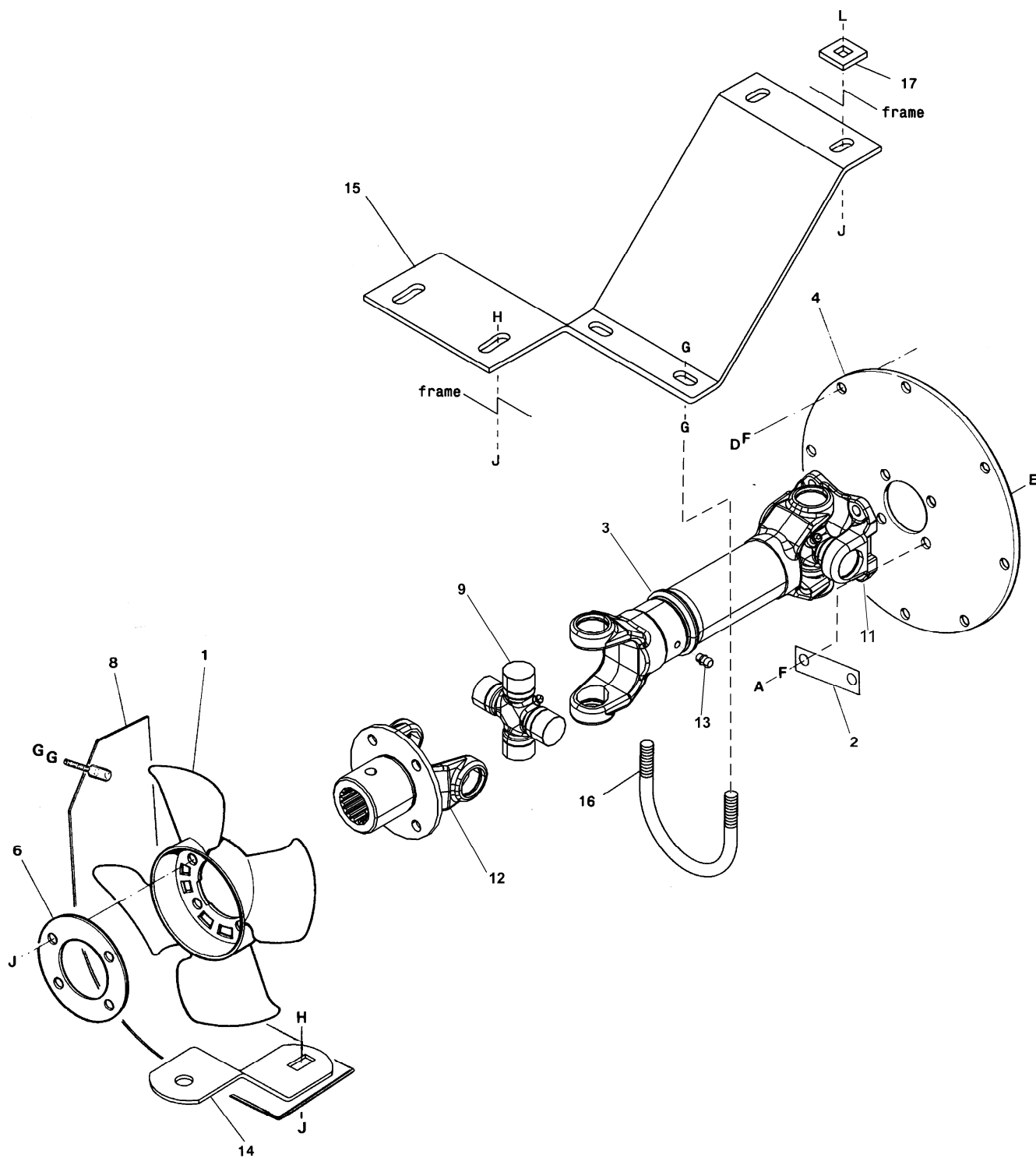
**NOTE:** The newer box (167299) plus pulley (item 27 on page 69) replaces the prior one (45877) as a complete unit only. An alternative to purchasing a new pulley (item 27 on page 69) is to machine your existing pulley to a larger bore. Note that a machine lathe is required to ensure concentricity and balance. Severe vibration problems could result if pulley is machined improperly. For more information see MD Service Bulletin 0302.

## Header Drive - BEVEL GEARBOX: 2002 Production and up \*

| REF | PART<br>NUMBER | DESCRIPTION                                                                     | Version 2, 3, 4, 5 Qty's<br>(See Note 3) |     |     |     |
|-----|----------------|---------------------------------------------------------------------------------|------------------------------------------|-----|-----|-----|
|     |                |                                                                                 | V2                                       | V3  | V4  | V5  |
|     | <b>167299</b>  | <b>DRIVE - bevel gearbox, complete – see note 3</b>                             |                                          |     |     | 1   |
|     | 167001         | DRIVE - bevel gearbox, complete - see note 3.....                               |                                          |     | 1   |     |
|     | 111958         | DRIVE - bevel gearbox, complete - see note 3.....                               |                                          | 1   |     |     |
|     | 45968          | DRIVE - bevel gearbox, complete - see note 3.....                               | 1                                        |     |     |     |
| 1   | 111284         | CAP – housing.....                                                              | 1                                        | 1   | 1   | 2   |
| 2   | 111820         | SHIM KIT – base size 72 mm O.D, input shaft (qty. 2 for V2 box).....            | 1                                        | 1   | 1   |     |
| 3   | 50091          | BEARING – tapered roller, cup & cone (input shaft).....                         | 2                                        | 1   |     |     |
|     | 167006         | BEARING – tapered roller, cup & cone (input shaft).....                         |                                          |     | 1   |     |
|     | <b>167302</b>  | <b>BEARING – ball, cylindrical .....</b>                                        |                                          |     |     | 1   |
| 4   | 167009         | SHAFT – input, includes item 30 ( see note 2) .....                             | 1                                        | 1   | 1   |     |
|     | <b>167303</b>  | <b>SHAFT INPUT .....</b>                                                        |                                          |     |     | 1   |
| 5   | 111298         | RING – retaining, external .....                                                | 1                                        | 1   |     |     |
| 6   | 111299         | RING – retaining, internal .....                                                | 2                                        | 1   |     |     |
| 7   | 167012         | GEAR – set, includes two matched bevel gears, includes shim kit 167010.....     | 1                                        | 1   | 1   |     |
|     | <b>167305</b>  | <b>GEAR – SET , includes two matched bevel gears .....</b>                      |                                          |     |     | 1   |
|     |                | <b>NOTE: Do not mix gears from different sets</b>                               |                                          |     |     |     |
| 8   | 111819         | SHIM KIT – base size 40 mm bore, output shaft .....                             | 1                                        | 1   |     |     |
|     | 167010         | SHIM KIT – base size 40 mm bore, output shaft .....                             |                                          |     | 1   | 1   |
| 9   | 111291         | SPACER.....                                                                     | 1                                        | 1   |     |     |
| 10  | 100714         | BEARING – tapered roller, cup & cone (output shaft) .....                       | 2                                        | 2   | 2   | 2   |
| 11  | 111289         | HOUSING – gearbox, cast .....                                                   | 1                                        | 1   |     |     |
|     | 167015         | HOUSING – gearbox, cast .....                                                   |                                          |     | 1   | 1   |
| 12  | 103096         | PLUG – magnetic, 3/8 GAS.....                                                   | 2                                        | 2   | 2   | 2   |
| 13  | 167014         | SHAFT – output, repair kit includes shaft, gear set, shim kit & hardware .....  | 1                                        | 1   |     |     |
|     | 167013         | SHAFT – output.....                                                             |                                          |     | 1   | 1   |
| 14  | 100709         | NUT – special, M40 .....                                                        | 1                                        | 1   | 1   | 1   |
| 15  | 111295         | SEAL – double lip, output shaft .....                                           | 1                                        | 1   | 1   | 1   |
| 16  | 13626          | BUSHING – rubber.....                                                           | 1                                        | 1   | 1   | 1   |
| 17  | 111297         | SEAL – double lip, input shaft .....                                            | 1                                        |     |     |     |
| **  | 111961         | SEAL – double lip, input shaft .....                                            |                                          | 1   | 1   |     |
|     | <b>167306</b>  | <b>SEAL – double lip, input shaft.....</b>                                      |                                          |     |     | 1   |
| 18  | 50155          | BOLT – hex socket head, M12 x 25 mm .....                                       | 4                                        | 4   | 4   | 4   |
| 19  | ** 111959      | COVER – input shaft bearing flange (for V2 box, order kit 111963) see note 4... | 1                                        | 1   | 1   |     |
|     | <b>167310</b>  | <b>COVER – inner .....</b>                                                      |                                          |     |     | 1   |
| 20  | 111300         | RING – retaining, external .....                                                | 1                                        | 1   | 1   |     |
| 21  | 111286         | CAP – dust .....                                                                | 1                                        | 1   | 1   |     |
| 22  | 111302         | RING – retaining, internal .....                                                | 1                                        | 1   | 1   | 1   |
| 23  | 42775          | O-RING - gearbox to tandem pump.....                                            | 1                                        | 1   | 1   | 1   |
| 24  | ** 111960      | BEARING – taper roller, cup & cone (input shaft, engine end) .....              |                                          | 1   | 1   |     |
|     | <b>150838</b>  | <b>BEARING – double row ball.....</b>                                           |                                          |     |     | 1   |
| 25  | ** 111962      | SHIM KIT – input shaft, engine end.....                                         |                                          | 1   | 1   |     |
| 26  | REF            | ELBOW – barbed, see Header Drive, page 69.....                                  | 1                                        | 1   | 1   | 1   |
| 27  | 138005         | TOOL – for output shaft nut (item 14).....                                      | A/R                                      | A/R | A/R | A/R |
| 28  | 42167          | WASHER – blank, see note 5.....                                                 |                                          |     | 1   | 1   |
| 29  | 42162          | SCREW – special, M14 x 45, see note 5.....                                      |                                          |     | 1   | 1   |
| 30  | 167008         | SPACER – input shaft, see note 2, 6.....                                        | 1                                        | 1   |     |     |
| 32  | <b>167301</b>  | <b>SHIM – cover .....</b>                                                       |                                          |     |     | 1   |
| 33  | <b>167304</b>  | <b>NUT – M35 x 1.5 .....</b>                                                    |                                          |     |     | 1   |
| 34  | <b>167307</b>  | <b>BOLT – hex socket head, M8 x 20 mm.....</b>                                  |                                          |     |     | 4   |
| 35  | <b>167308</b>  | <b>O-RING – cover .....</b>                                                     |                                          |     |     | 1   |
| 36  | <b>167309</b>  | <b>COVER – outer.....</b>                                                       |                                          |     |     | 1   |
| 37  | <b>167312</b>  | <b>PIN – DOWEL .....</b>                                                        |                                          |     |     | 2   |
| 38  | <b>167311</b>  | <b>INPUT SHAFT ASSEMBLY – to convert V4 gearbox to V5.....</b>                  |                                          |     |     | 1   |

NOTES: See facing page.

# DRIVELINE (Engine to Bevel Gearbox)



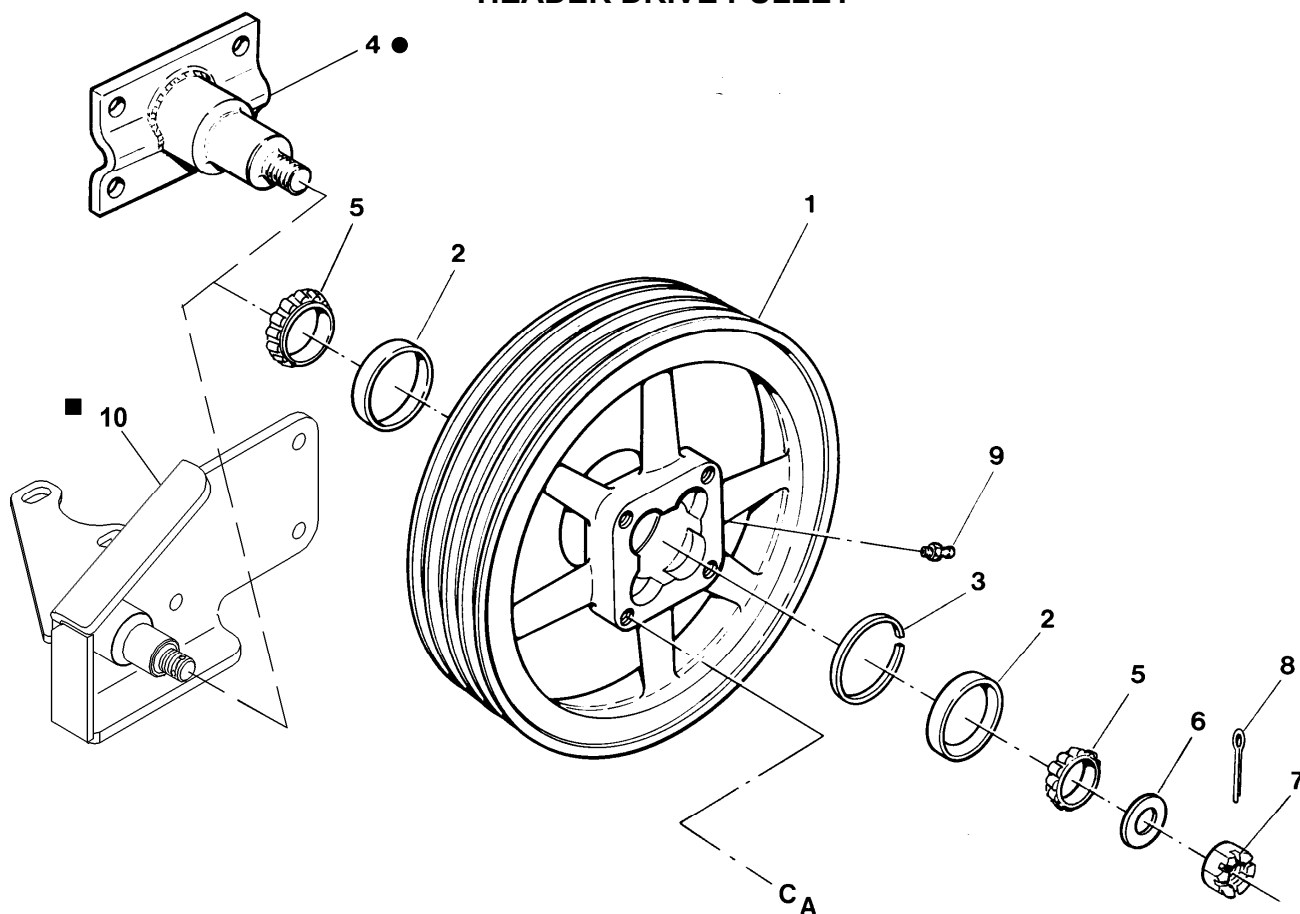
## DRIVELINE (Engine to Bevel Gearbox)

| REF | PART<br>NUMBER | DESCRIPTION                                                    | QTY | SERIAL<br>NUMBER |
|-----|----------------|----------------------------------------------------------------|-----|------------------|
| 1   | 44872          | FAN - plastic .....                                            | 1   |                  |
| 2   | 44481          | SHIM - locking .....                                           | 2   |                  |
| 3   | 45594          | DRIVELINE - engine, complete with end yokes (see note 1) ..... | 1   |                  |
|     | 167030         | DRIVELINE - engine, complete with end yokes (see note 2) ..... | 1   |                  |
|     | 167023         | JOINT & SHAFT HALF, assembly (see notes 2, 3) .....            | 1   |                  |
|     | 167024         | TELESCOPING JOINT, assembly (see notes 2, 3) .....             | 1   |                  |
|     | 167025         | SEAL, telescoping joint (see notes 2, 3) .....                 | 1   |                  |
| 4   | 44472          | PLATE - adapter, diesel engine .....                           | 1   |                  |
| 6   | 44873          | DISC - fan mount .....                                         | 1   |                  |
| 8   | 45035          | SHIELD - fan, with decal .....                                 | 1   |                  |
| 9   | 42172          | CROSS & BEARING KIT .....                                      | 2   |                  |
| 11  | 42174          | YOKE - engine end .....                                        | 1   |                  |
| 12  | 45595          | YOKE - gearbox end, spline bore, with fan mounting plate ..... | 1   |                  |
|     | 167026         | YOKE - gearbox end, spline bore (see notes 2, 3) .....         | 1   |                  |
| 13  | 21301          | FITTING - lube, 45°, 1/4 NF .....                              | 1   |                  |
| 14  | 101291         | SUPPORT - fan shield .....                                     | 1   |                  |
| 15  | 112007         | SUPPORT - driveline .....                                      | 1   |                  |
| 16  | 47225          | U-BOLT .....                                                   | 1   |                  |
| 17  | 112012         | WASHER - square .....                                          | 2   |                  |
| A   | 30958          | NUT - hex, 3/8 NF (phosphate coated)                           |     |                  |
| D   | 21567          | BOLT - hex head, 3/8 NC x 3/4 inch                             |     |                  |
| E   | 30956          | BOLT - hex head, 3/8 NF x 1 inch (phosphate coated)            |     |                  |
| F   | 18637          | WASHER - lock, 3/8 inch ID                                     |     |                  |
| G   | 21452          | NUT - serrated flange lock, 3/8 NC                             |     |                  |
| H   | 21863          | BOLT - round head, square neck, 3/8 NC x 3/4 inch              |     |                  |
| J   | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread             |     |                  |
| K   | 20077          | BOLT - hex head, 3/8 NC x 1 inch                               |     |                  |
| L   | 19965          | BOLT - round head, square neck, 3/8 NC x 1 inch.               |     |                  |

### Notes:

1. Use driveline 45594 to service units with a bevel gearbox with bolt-on extension tube (see page 70, 71)
2. Use driveline 167030 to service units with a bevel gearbox with a one-piece cast housing with cooling fins (see page 72, 73)
3. Used on driveline 167030 only.

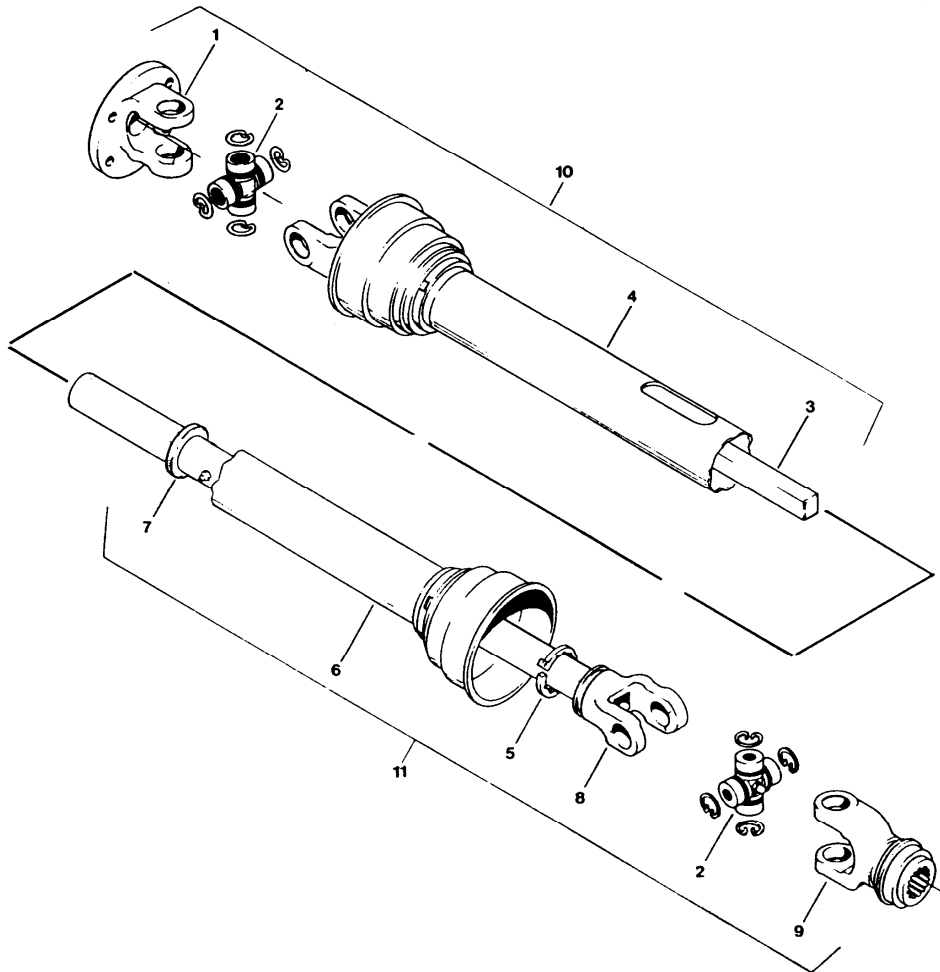
## HEADER DRIVE PULLEY



| REF | PART<br>NUMBER | DESCRIPTION                                       | QTY | SERIAL<br>NUMBER |
|-----|----------------|---------------------------------------------------|-----|------------------|
| 1   | 44360          | PULLEY - with cups and rings (items 2 and 3)..... | 1   |                  |
| 2   | 7900           | CUP - bearing.....                                | 2   |                  |
| 3   | 21545          | RING - retaining, internal.....                   | 2   |                  |
| 4   | 44240 ●        | SUPPORT - with shaft.....                         | 1   |                  |
| 5   | 7910           | CONE - bearing, with seal.....                    | 2   |                  |
| 6   | 21540          | WASHER - flat, hardened.....                      | 1   |                  |
| 7   | 5512           | NUT - slotted hex, 3/4 NF.....                    | 1   |                  |
| 8   | 18605          | PIN - cotter, 1/8 x 1 inch.....                   | 1   |                  |
| 9   | 18671          | FITTING - lube.....                               | 1   |                  |
| 10  | 111169 ■       | SUPPORT - with shaft.....                         | 1   |                  |
| A   | 20077          | BOLT - hex head, 3/8 NC x 1 inch                  |     |                  |
| C   | 18637          | WASHER - lock, 3/8 inch ID                        |     |                  |

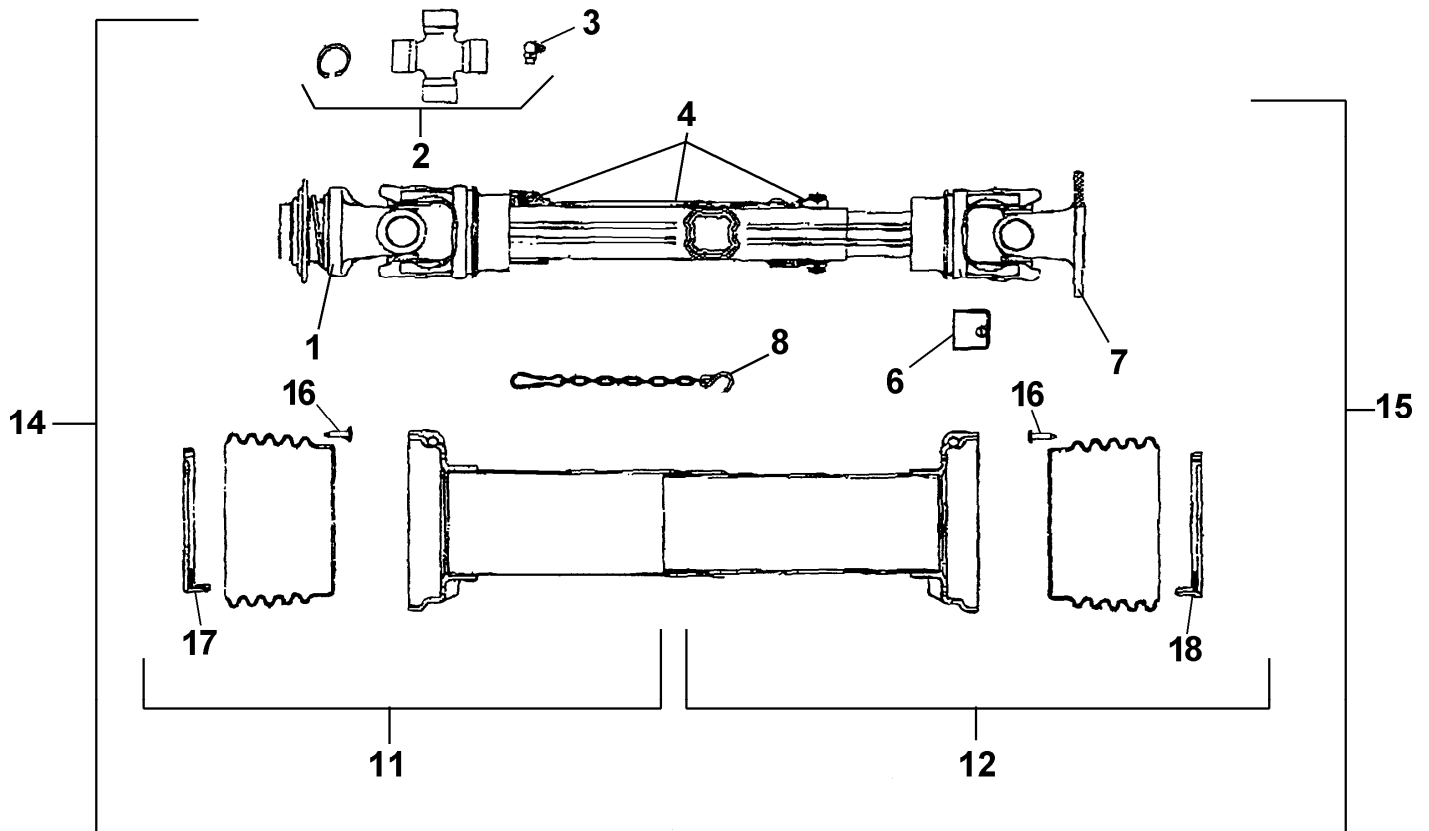
● - MacDon 9250/9350, Westward 9250/9350, Prairie Star 4940/4950, Premier 2940/2950, Harvest Pro 8140/8150  
 ■ - MD 9352/9352i/9352c, WP 9352/9352i/9352c, PS 4952/4952i/4952c, PR 2952/2952i/2952c, HP8152/8152i/8152c

**9000 Series Tractor to 900 Series Headers  
DRIVELINE  
SERIAL NUMBER 138024 and below**



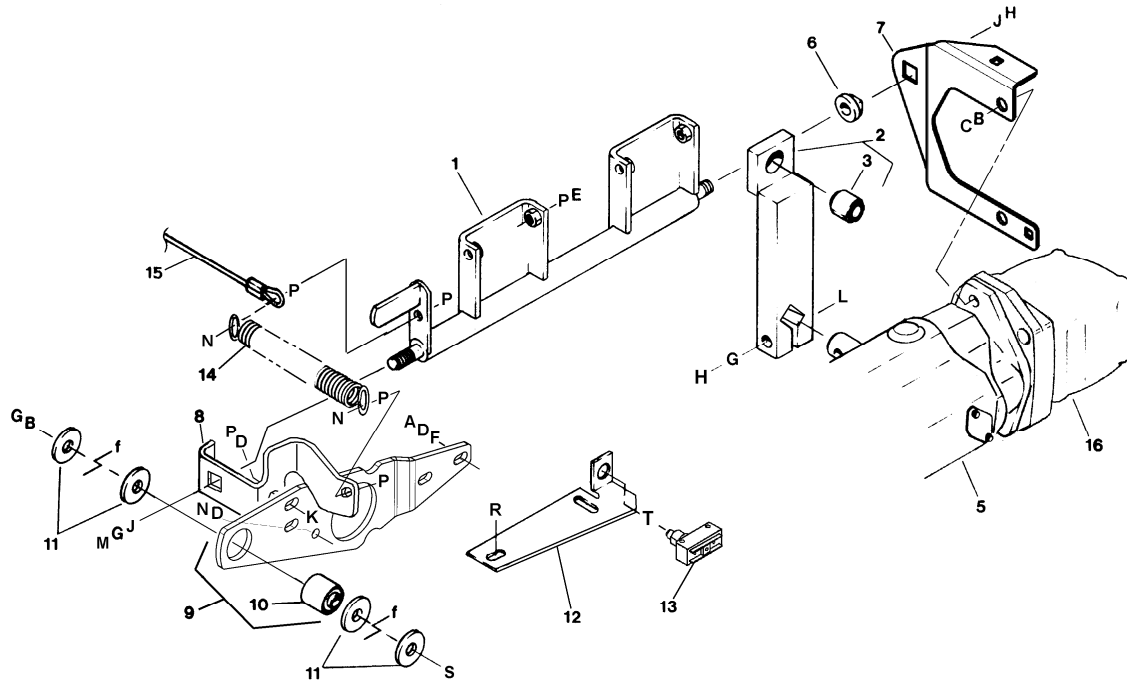
| REF | PART<br>NUMBER | DESCRIPTION                                                  | QTY | SERIAL<br>NUMBER |
|-----|----------------|--------------------------------------------------------------|-----|------------------|
| 1   | 44986          | YOKE - flange.....                                           | 1   | -138024          |
| 2   | 30622          | CROSS & BEARING KIT.....                                     | 2   | -138024          |
| 3   | NSS            | YOKE & SHAFT (order 44987).....                              | 1   | -138024          |
| 4   | 43705          | SHIELD - outer, with decal .....                             | 1   | -138024          |
| 5   | 30623          | BEARING - shield, consists of two halves (Walterscheid)..... | 2   | -138024          |
|     | 32800          | BEARING KIT - shield (Weasler).....                          | 2   | -138024          |
| 6   | 43706          | SHIELD - inner .....                                         | 1   | -138024          |
| 7   | 21655          | SUPPORT - shield (Walterscheid) .....                        | 1   | -138024          |
| 8   | NSS            | YOKE & TUBE - (order 43707).....                             | 1   | -138024          |
| 9   | 24779          | YOKE - spline bore, 1 3/8 x 21 teeth, with slide collar..... | 1   | -138024          |
|     | 43709          | YOKE - spline bore, 1 3/8 x 21 teeth, clamp type.....        | OPT | -138024          |
| 10  | 44987          | JOINT ASSEMBLY - male half, includes items 1,2,3,4,5 .....   | 1   | -138024          |
| 11  | 43707          | JOINT ASSEMBLY - female half, includes items 2,5,6,8,9 ..... | 1   | -138024          |
| ..  | 44985          | DRIVELINE - complete, includes items 10 and 11 .....         | 1   | -138024          |
|     | NSS            | Not Serviced Separately                                      |     |                  |

**9000 Series Tractor to 900 Series Headers**  
**DRIVELINE**  
**SERIAL NUMBER 138025 and above**



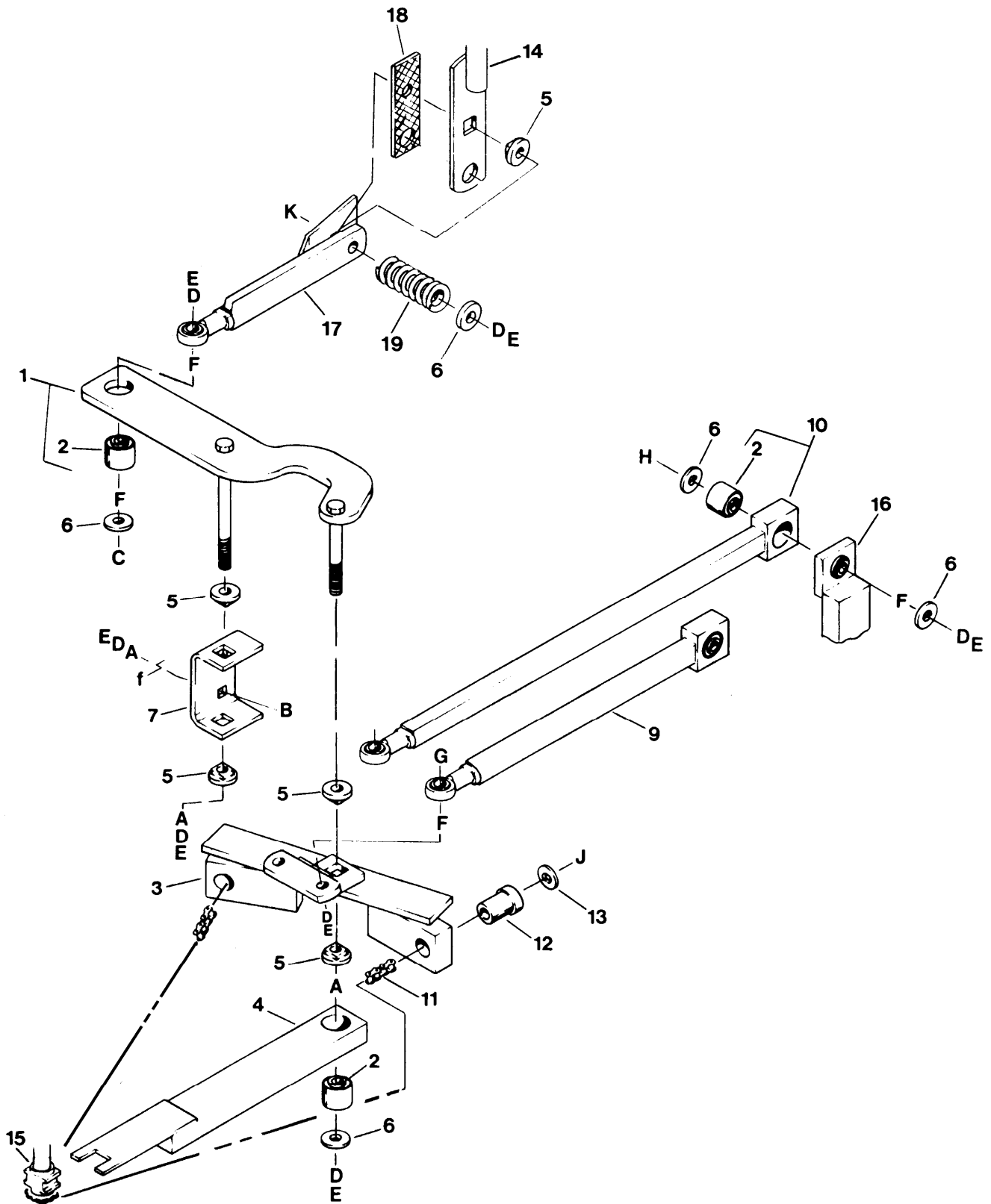
| REF | PART<br>NUMBER | DESCRIPTION                                                        | QTY | SERIAL<br>NUMBER |
|-----|----------------|--------------------------------------------------------------------|-----|------------------|
| 1   | 111227         | YOKE – spline bore, header end .....                               | 1   |                  |
| 2   | 111228         | CROSS JOURNAL ASSEMBLY, includes cir-clips and grease fitting..... | 2   |                  |
| 3   | 111230         | FITTING – grease, for cross, M8 x 90° .....                        |     |                  |
| 4   | 111236         | GREASE SYSTEM.....                                                 | 1   |                  |
| 6   | 111234         | COVER.....                                                         | 1   |                  |
| 7   | 111237         | YOKE – flange, tractor end.....                                    | 1   |                  |
| 8   | 111242         | CHAIN – anti-rotation .....                                        | 2   |                  |
| 11  | 111248         | SHIELD HALF – outer .....                                          | 1   |                  |
| 12  | 111249         | SHIELD HALF– inner .....                                           | 1   |                  |
| 14  | 111246         | HALF SHAFT – header end, includes yoke, shaft & shields .....      | 1   |                  |
| 15  | 111247         | HALF SHAFT – tractor end, includes yoke, shaft & shields .....     | 1   |                  |
| 16  | 111622         | SCREW – self tapping .....                                         | 6   |                  |
| 17  | 111623         | RETAINER – plastic ring, outer shield.....                         | 1   |                  |
| 18  | 111624         | RETAINER – plastic ring, inner shield .....                        | 1   |                  |
| **  | 111215         | DRIVELINE - complete, includes all above items.....                | 1   |                  |

# NEUTRAL INTERLOCK & PINTLE ARMS



| REF | PART<br>NUMBER | DESCRIPTION                                                | QTY | SERIAL<br>NUMBER |
|-----|----------------|------------------------------------------------------------|-----|------------------|
| 1   | 111022         | LOCK - neutral.....                                        | 1   |                  |
| 2   | 111026         | ARM - pintle, with bushing (item 3).....                   | 2   |                  |
| 3   | 21810          | BUSHING - rubber, used with item 2.....                    | 2   |                  |
| 5   | REF            | PUMP - piston, see "Hydraulics: Triple Pump", page 93..... | 1   |                  |
| 6   | 25348          | BUSHING - plastic.....                                     | 2   |                  |
| 7   | 111301         | SUPPORT - gearbox, rear (was 111018).....                  | 1   |                  |
| 8   | 111020         | SUPPORT - front lock.....                                  | 1   |                  |
| 9   | 111023         | SUPPORT - c/w bushing, item 10.....                        | 1   |                  |
| 10  | 50040          | BUSHING - rubber, used with item 9.....                    | 1   |                  |
| 11  | 4761           | WASHER - flat (was 25900).....                             | 4   |                  |
| 12  | 112266         | MOUNT - switch.....                                        | 1   |                  |
| 13  | 109816         | SWITCH - neutral.....                                      | 1   | -162249          |
|     | 111763         | SWITCH - neutral.....                                      | 1   | 162250-          |
| 14  | 25321          | SPRING - extension.....                                    | 1   |                  |
| 15  | 45236          | CABLE ASSEMBLY.....                                        | 1   |                  |
| 16  | REF            | DRIVE - gear, see "Bevel Gearbox", page 73.....            | 1   |                  |
| A   | 20077          | BOLT - hex head, 13/8 NC x 1 inch                          |     |                  |
| B   | 18638          | WASHER - lock, 1/2 inch ID                                 |     |                  |
| C   | 18723          | BOLT - hex head, 1/2 NC x 1-1/2 inch                       |     |                  |
| D   | 18637          | WASHER - lock, 3/8 inch ID                                 |     |                  |
| E   | 50149          | SETSCREW - square head, flat point, 3/8 NC x 1-3/4 inch    |     |                  |
| F   | 18598          | WASHER - flat, 13/32 inch ID                               |     |                  |
| G   | 18591          | NUT - hex, 1/2 NC                                          |     |                  |
| H   | 18697          | NUT - lock, 1/2 NC distorted thread                        |     |                  |
| J   | 18599          | WASHER - flat, 17/32 inch ID                               |     |                  |
| K   | 19965          | BOLT - round head, square neck, 3/8 NC x 1 inch            |     |                  |
| L   | 135542         | BOLT - hex head, 1/2 NC x 3 inch, grade 8                  |     |                  |
| M   | 21056          | NUT - hex jam, 1/2 NC                                      |     |                  |
| N   | 21561          | BOLT - hex head, 3/8 NC x 1-1/2 inch                       |     |                  |
| P   | 18590          | NUT - hex, 3/8 NC                                          |     |                  |
| R   | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread         |     |                  |
| S   | 30011          | BOLT - hex head, 1/2 NC x 3-1/4 inch                       |     |                  |
| T   | 18600          | WASHER - flat, 21/32 inch ID                               |     |                  |
| ~ f | REF            | Indicates where hardware passes through frame member       |     |                  |

## STEERING &amp; GROUND SPEED



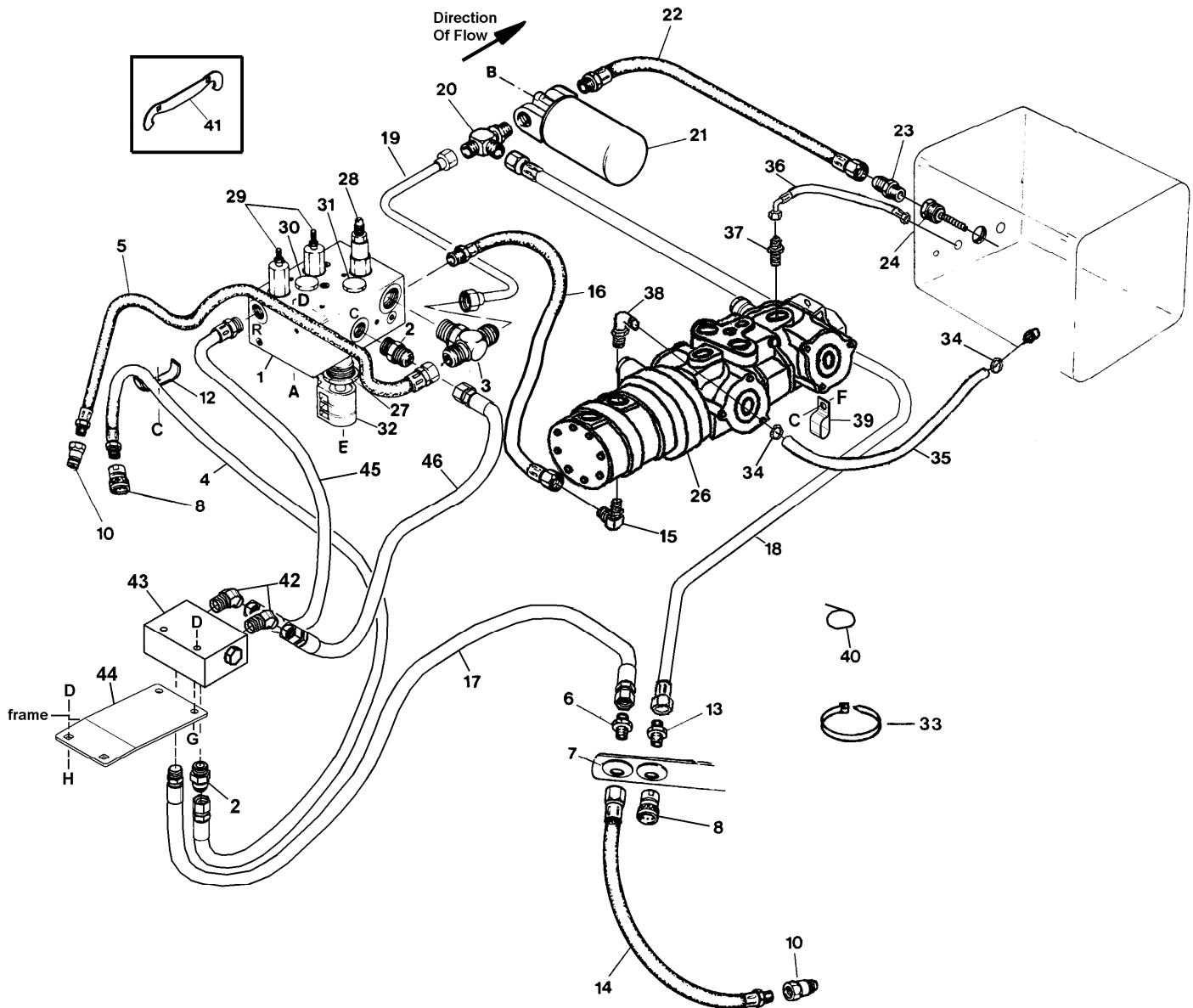
## STEERING &amp; GROUND SPEED

| REF | PART<br>NUMBER | DESCRIPTION                                                            | QTY          | SERIAL<br>NUMBER |
|-----|----------------|------------------------------------------------------------------------|--------------|------------------|
| 1   | 42776          | ARM - steering, with bushing (item 2) .....                            | 1            |                  |
| 2   | 50040          | BUSHING - rubber .....                                                 | 4            |                  |
| 3   | 42781          | PIVOT - steering .....                                                 | 1            |                  |
| 4   | 42787          | CARRIER - steering, with bushing (item 2) .....                        | 1            |                  |
| 5   | 25348          | BUSHING - plastic .....                                                | 5            |                  |
| 6   | 4761           | WASHER - flat .....                                                    | 7            |                  |
| 7   | 42793          | SUPPORT - steering arm .....                                           | 1            |                  |
| 9   | 111029         | BAR - control, left, with bushing (item 2) (to front pintle arm) ..... | 1            |                  |
| 10  | 42797          | BAR - control, right, with bushing (item 2) (to rear pintle arm) ..... | 1            |                  |
| 11  | 21922          | CHAIN - steering .....                                                 | 1            |                  |
| 12  | 42482          | INSULATOR - rubber .....                                               | 2            |                  |
| 13  | 23118          | WASHER - flat .....                                                    | see note (1) |                  |
| 14  | REF            | LEVER - ground speed, see "Ground Speed Lever", page 19 .....          | 1            |                  |
| 15  | REF            | SHAFT - steering, see "Steering Column", page 13 .....                 | 1            |                  |
| 16  | REF            | PINTLE ARM - see "Neutral Interlock & Pintle Arms", page 79 .....      | 1            |                  |
| 17  | 45558          | BAR - control, ground speed .....                                      | 1            |                  |
| 18  | 45565          | PAD - friction .....                                                   | 1            |                  |
| 19  | 11660          | SPRING - compression .....                                             | 1            |                  |
| A   | 18599          | WASHER - flat, 17/32 inch ID                                           |              |                  |
| B   | 21469          | BOLT - round head, square neck, 1/2 NC x 1-1/2 inch                    |              |                  |
| C   | 21581          | BOLT - hex head, 1/2 NC x 3-1/2 inch                                   |              |                  |
| D   | 18591          | NUT - hex, 1/2 NC                                                      |              |                  |
| E   | 18697          | NUT - lock, 1/2 NC distorted thread                                    |              |                  |
| F   | 18638          | WASHER - lock, 1/2 inch ID                                             |              |                  |
| G   | 21578          | BOLT - hex head, 1/2 NC x 2-1/4 inch                                   |              |                  |
| H   | 21589          | BOLT - hex head, 1/2 NC x 4 inch                                       |              |                  |
| J   | 18648          | PIN - cotter, 3/16 x 1-1/4 inch                                        |              |                  |
| K   | 50052          | BOLT - round head, square neck, 1/2 NC x 5 inch                        |              |                  |
| ~ f | REF            | Indicates where hardware passes through frame member.                  |              |                  |

## NOTES:

(1) - Quantity of item 13 varies as required for shimming. Nominal quantity is 3 (2 @ L/H, 1 @ R/H).

## HYDRAULICS: HEADER DRIVE

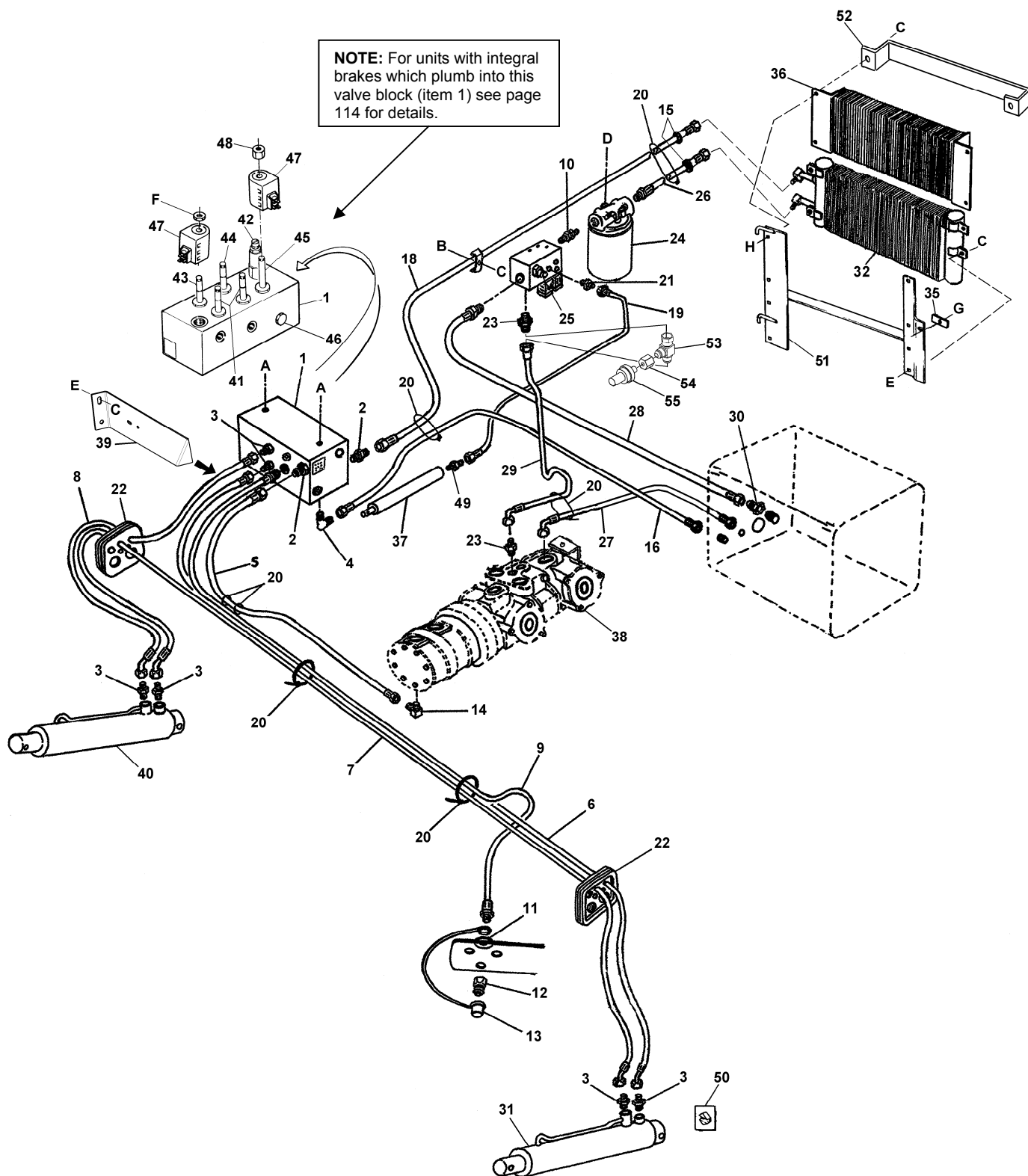


## HYDRAULICS: HEADER DRIVE

| REF | PART<br>NUMBER | DESCRIPTION                                                         | QTY | SERIAL<br>NUMBER                              |
|-----|----------------|---------------------------------------------------------------------|-----|-----------------------------------------------|
| 1   | 111143         | VALVE - header drive block, includes items 27 - 32 .....            | 1   |                                               |
|     | 45101          | SEAL KIT – repairs <u>one</u> cartridge in header drive valve block |     |                                               |
|     | 45554          | BLOCK only                                                          |     |                                               |
| 2   | 30695          | FITTING - adapter, 7/8 O-ring x 5/8 tube .....                      | 2   |                                               |
| 3   | 50050          | FITTING - tee, 1-1/16 O-ring x 3/4 tube x 3/4 tube .....            | 1   |                                               |
| 4   | 112263         | HOSE - hydraulic, pressure to female coupler .....                  | 1   |                                               |
| 5   | 37758          | HOSE - hydraulic, return from male coupler .....                    | 1   |                                               |
| 6   | 21746          | FITTING - connector .....                                           | 1   |                                               |
| 7   | 45153          | WASHER - dished .....                                               | 2   |                                               |
| 8   | 21857          | COUPLER - quick disconnect, female, 1/2 NPT .....                   | 2   |                                               |
|     | 50082          | O-RING - for coupler 21857                                          |     |                                               |
| 10  | 21855          | COUPLER - quick disconnect, male, 1/2 NPT .....                     | 2   |                                               |
| 12  | 32225          | HOLDER - hose .....                                                 | 1   |                                               |
| 13  | 30611          | FITTING - connector .....                                           | 1   |                                               |
| 14  | 45737          | HOSE - pressure to male coupler – (was 47009) .....                 | 1   |                                               |
| 15  | 30609          | FITTING - elbow .....                                               | 1   |                                               |
| 16  | 45126          | HOSE - hydraulic, pressure - pump to block .....                    | 1   |                                               |
| 17  | 112264         | HOSE - hydraulic, pressure - to male coupler .....                  | 1   |                                               |
| 18  | 112204         | HOSE - hydraulic, return - coupler to filter .....                  | 1   |                                               |
| 19  | 45551          | LINE - hydraulic, return - block to filter .....                    | 1   |                                               |
| 20  | 30858          | FITTING - tee .....                                                 | 1   |                                               |
| 21  | 45205          | OIL FILTER ELEMENT – spin-on, see note 1 re: substitution .....     | 1   |                                               |
|     | 45160          | OIL FILTER ASSEMBLY – head & element .....                          | 1   |                                               |
| 22  | 45138          | HOSE - hydraulic, return - filter to tank .....                     | 1   |                                               |
| 23  | 21836          | FITTING - connector .....                                           | 1   |                                               |
| 24  | 45161          | VALVE - check .....                                                 | 1   |                                               |
| 26  | REF            | PUMP - hydraulic, see page 93 .....                                 | 1   |                                               |
| 27  | 45107          | VALVE - N.C., header drive block .....                              | 1   |                                               |
| 28  | 45108          | VALVE - P.D. relief, header drive block (stamped I.D. #2155) .....  | 1   |                                               |
| 29  | 49725          | FLOW CONTROL, header drive block .....                              | 2   |                                               |
|     | 49726          | COLLAR – flow control .....                                         | 2   |                                               |
|     | 49727          | SETSCREW - for flow control 49725 .....                             | 2   |                                               |
|     | 49728          | PIN – roll .....                                                    | 2   |                                               |
|     | 111458         | SEAL – crush ring .....                                             | 2   |                                               |
| 30  | 45110          | VALVE - shuttle, header drive block .....                           | 1   |                                               |
| 31  | 45111          | VALVE - regulator, header drive block .....                         | 1   |                                               |
| 32  | 111225         | COIL - DS, 12VDC, header drive block (was 45104) .....              | 1   |                                               |
| 33  | 30753          | FASTENER - plastic tie .....                                        | 2   |                                               |
| 34  | 17958          | CLAMP – hose .....                                                  | 2   |                                               |
| 35  | 112194         | HOSE – hydraulic suction .....                                      | 1   |                                               |
| 36  | 111068         | HOSE – hydraulic, case drain to tank .....                          | 1   |                                               |
| 37  | 21747          | FITTING – connector (8-10) .....                                    | 1   |                                               |
| 38  | 111043         | FITTING – elbow, barbed insert, 90° .....                           | 1   |                                               |
| 39  | 103738         | FASTENER – hose clamp .....                                         | 1   |                                               |
| 40  | 21763          | FASTENER – plastic tie .....                                        | 4   |                                               |
| 41  | 112811         | TOOL – for disassembly of flow control, item 29 .....               | 1   |                                               |
| 42  | 50103          | FITTING – hydraulic, elbow, 45° male .....                          | 2   |                                               |
| 43  | 111602         | VALVE – reel conveyor drive block .....                             | 1   |                                               |
| 44  | 110599         | PLATE – valve block mounting .....                                  | 1   |                                               |
| 45  | 111605         | HOSE – hydraulic .....                                              | 1   |                                               |
| 46  | 111606         | HOSE – hydraulic .....                                              | 1   |                                               |
| A   | 50088          | BOLT - rnd hd, sq nk, 3/8 NC x 3-1/2"                               | F   | 21863 BOLT – rnd hd, sht sq nk, 3/8 NC x 3/4" |
| B   | 21456          | BOLT - flange head, 1/4 NC x 3/4 inch                               | G   | 30035 BOLT – hex head, 3/8 NC x 1-1/2 inch    |
| C   | 30228          | NUT - lock, smth flg, 3/8 NC dist thread                            | H   | 19965 BOLT – rnd hd, sq nk, 3/8 NC x 1 inch   |
| D   | 21452          | NUT - serrated flange, 3/8 NC                                       |     |                                               |
| E   | 21812          | NUT - hex jam, 1/2 NF                                               |     |                                               |

NOTES:1.) Pressure rating on MacDon filter element 21808 is not adequate for this application.

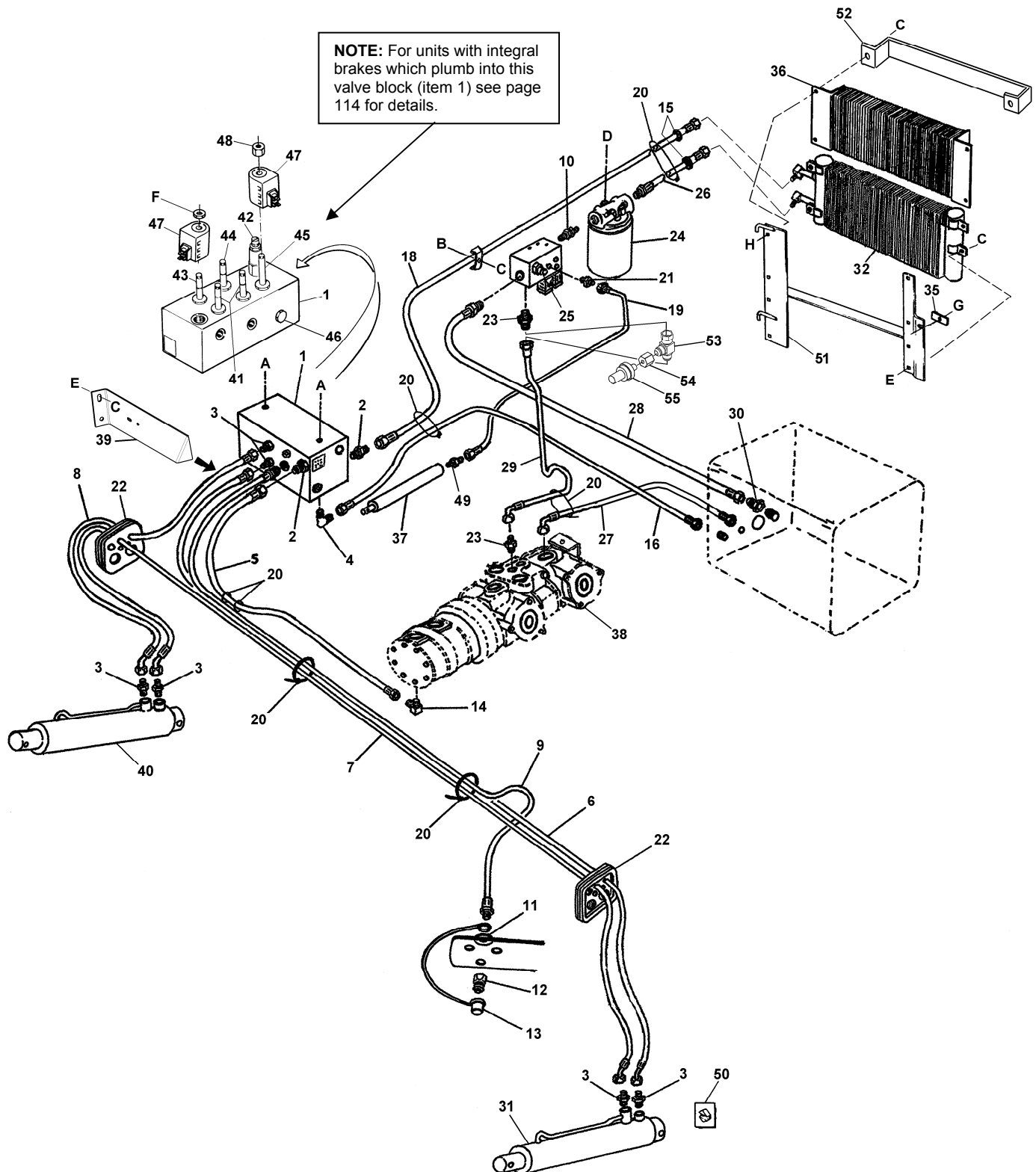
## HYDRAULICS: CYLINDER CONTROL



## HYDRAULICS: CYLINDER CONTROL

| REF | PART<br>NUMBER | DESCRIPTION                                                                   | QTY | SERIAL<br>NUMBER |
|-----|----------------|-------------------------------------------------------------------------------|-----|------------------|
| 1   | 111040         | VALVE - cylinder control block, with reel lift - includes items 41-47 .....   | 1   |                  |
|     | 45103          | SEAL KIT - repairs <u>one</u> cartridge in cylinder control valve block ..... | 1   |                  |
|     | 111278         | BLOCK only                                                                    |     |                  |
| 2   | 30695          | FITTING - connector .....                                                     | 2   |                  |
| 3   | 15903          | FITTING - connector .....                                                     | 6   |                  |
| 4   | 30282          | FITTING - elbow .....                                                         | 1   |                  |
| 5   | 111059         | HOSE - pressure, pump to valve .....                                          | 1   |                  |
| 6   | 111081         | HOSE - valve to left header lift cylinder .....                               | 1   |                  |
| 7   | 112179         | HOSE - left header lift cylinder to right header lift cylinder .....          | 1   |                  |
| 8   | 111080         | HOSE - valve to right header lift cylinder .....                              | 1   |                  |
| 9   | 45178          | HOSE - valve to reel lift coupler .....                                       | 1   |                  |
| 10  | 112197         | FITTING - connector .....                                                     | 1   |                  |
| 11  | 45157          | WASHER - dished .....                                                         | 1   |                  |
| 12  | 30443          | COUPLER - quick disconnect, male (reel lift) .....                            | 1   |                  |
| 13  | 21824          | CAP - coupler .....                                                           | 1   |                  |
| 14  | 21843          | FITTING - connector (10-10) .....                                             | 1   |                  |
| 15  | 112199         | GROMMET - hose protector .....                                                | 2   |                  |
| 16  | 45131          | HOSE - valve to tank .....                                                    | 1   |                  |
| 17  | 32225          | HOLDER - hose .....                                                           | 1   |                  |
| 18  | 45129          | HOSE - valve to oil cooler .....                                              | 1   |                  |
| 19  | 112201         | HOSE - valve to header clutch cylinder .....                                  | 1   |                  |
| 20  | 21763          | FASTENER - cable tie .....                                                    | 7   |                  |
| 21  | 100790         | FITTING - connector (4-6) .....                                               | 1   |                  |
| 22  | 45884          | GROMMET - hose holder .....                                                   | 2   |                  |
| 23  | 21030          | FITTING - connector .....                                                     | 2   |                  |
| 24  | 45373          | OIL FILTER ELEMENT - spin-on (1-1/2" thread) .....                            | 1   | -138989          |
|     | 45372          | OIL FILTER ASSEMBLY - head & element .....                                    | 1   | -138989          |
|     | 112419         | OIL FILTER ELEMENT - spin-on (1-3/8" thread) .....                            | 1   | 138990-          |
|     | 112420         | OIL FILTER ASSEMBLY - head & element .....                                    | 1   | 138990-          |
| 25  | 45154          | SWITCH - oil pressure (40 psi), single-speed units .....                      | 1   |                  |
|     | 111053         | SWITCH - oil pressure (150 psi), two-speed units .....                        | 1   |                  |
| 26  | 45134          | HOSE - oil cooler to filter (150 psi) .....                                   | 1   |                  |
| 27  | REF            | HOSE - see Hydraulics: Header Drive, page 83 .....                            | 1   |                  |
| 28  | 112181         | HOSE - filter to tank .....                                                   | 1   |                  |
| 29  | 112183         | HOSE - pump charge pressure .....                                             | 1   |                  |
| 30  | 5079           | FITTING - adapter (12-12) .....                                               | 1   |                  |
| 31  | 112190         | CYLINDER - left, header lift - 3" bore .....                                  | 1   |                  |
|     | 42125          | SEAL KIT - for cylinder 112190 - see page 88 for kit contents                 |     |                  |
| 32  | 44168          | COOLER - oil - JIC fittings .....                                             | 1   |                  |
| 35  | 44217          | LATCH - cooler mount .....                                                    | 1   |                  |
| 36  | REF            | CONDENSER - see "Air Conditioning", page 31 .....                             | 1   |                  |
| 37  | REF            | CYLINDER - header clutch, see "Header Drive", page 69 .....                   | 1   |                  |
| 38  | REF            | PUMP - see page 93 .....                                                      | 1   |                  |
| 39  | 45034          | SHIELD - valve .....                                                          | 1   |                  |
| 40  | 112191         | CYLINDER - right, header lift, 2-1/2" bore .....                              | 1   |                  |
|     | 42126          | SEAL KIT - for cylinder 112191 - see page 89 for kit contents                 |     |                  |

## HYDRAULICS: CYLINDER CONTROL



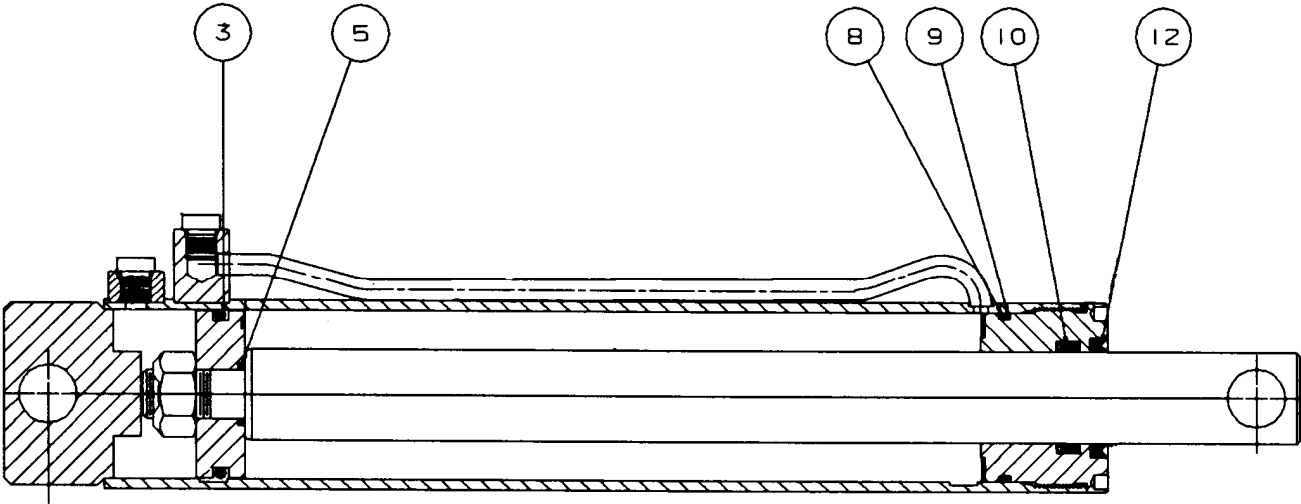
**HYDRAULICS: CYLINDER CONTROL**

| REF | PART<br>NUMBER | DESCRIPTION                                                                                                       | QTY | SERIAL<br>NUMBER |
|-----|----------------|-------------------------------------------------------------------------------------------------------------------|-----|------------------|
| 41  | 45112          | VALVE - N.C. (ports S-3 & S-5).....                                                                               | 2   |                  |
| 42  | 45113          | VALVE - relief .....                                                                                              | 1   |                  |
| 43  | 45114          | VALVE - 3W 2P (port S-2).....                                                                                     | 1   |                  |
| 44  | 45115          | VALVE - 4W 2P (port S-4).....                                                                                     | 1   |                  |
| 45  | 45116          | VALVE - N.O. (port S-1) .....                                                                                     | 1   |                  |
| 46  | 49810          | VALVE – check valve .....                                                                                         | 1   |                  |
| 47  | 111225         | COIL - DS, 12VDC (was 45104).....                                                                                 | 5   |                  |
| 48  | 45099          | NUT - special, machined .....                                                                                     | 2   |                  |
| 49  | 45040          | RESTRICTOR - flow, header clutch cylinder.....                                                                    | 1   |                  |
| 50  | 20988          | RESTRICTOR - flow, to slow rate of 960/962/972 Headers lift and drop<br>(install in bottom port of item 31) ..... | 1   |                  |
| 51  | 44294          | SUPPORT – coolers.....                                                                                            | 1   |                  |
| 52  | REF            | GUARD – coolers, see “Air Conditioning – Engine Group”, page 31 .....                                             | 1   |                  |
| 53  | ■ 108268       | FITTING – run tee.....                                                                                            | 1   | 162250-          |
| 54  | ■ 112996       | CAP – 1/2 tube x 1/8 NPT .....                                                                                    | 1   | 162250-          |
| 55  | ■ 112848       | SWITCH – header/brake .....                                                                                       | 1   | 162250-          |

■ - MacDon 9352i/9352c, Westward 9352i/9352ic, Prairie Star 4952i/4952c, Premier 2952i/2952c  
Harvest Pro 8152i/8152c

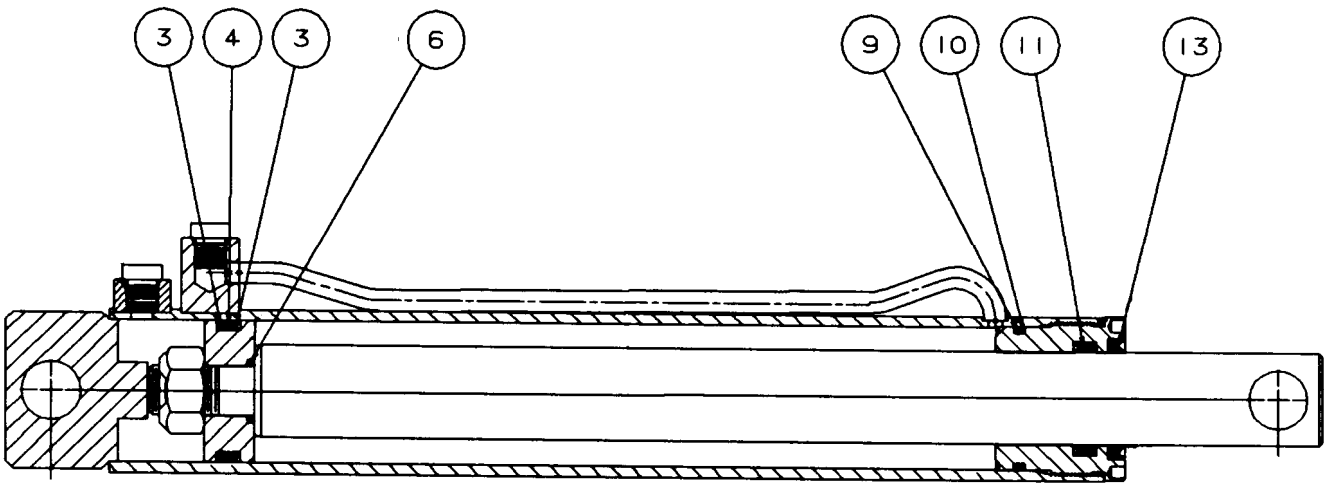
|   |       |                                                     |         |
|---|-------|-----------------------------------------------------|---------|
| A | 21821 | BOLT - flange head, 3/8 NC x 3/4 inch               |         |
| B | 21484 | BOLT - round head, square neck, 3/8 NC x 1-1/2 inch |         |
| C | 30228 | NUT - lock, smooth flange, 3/8 NC distorted thread  |         |
| D | 30278 | BOLT - flange head, 5/16 NC x 3/4 inch.....         | -138989 |
|   | 21821 | BOLT – flange head, 3/8 NC x 3/4 inch.....          | 138990- |
| E | 21863 | BOLT - round head, square neck, 3/8 NC x 3/4 inch   |         |
| F | 21812 | NUT - hex jam, 1/2 NF                               |         |
| G | 21289 | NUT – wing, 3/8 NC                                  |         |
| H | 19965 | BOLT – round head, square neck, 3/8 NC x 1 inch     |         |

Header Lift Cylinder  
3.0" BORE SEAL KIT



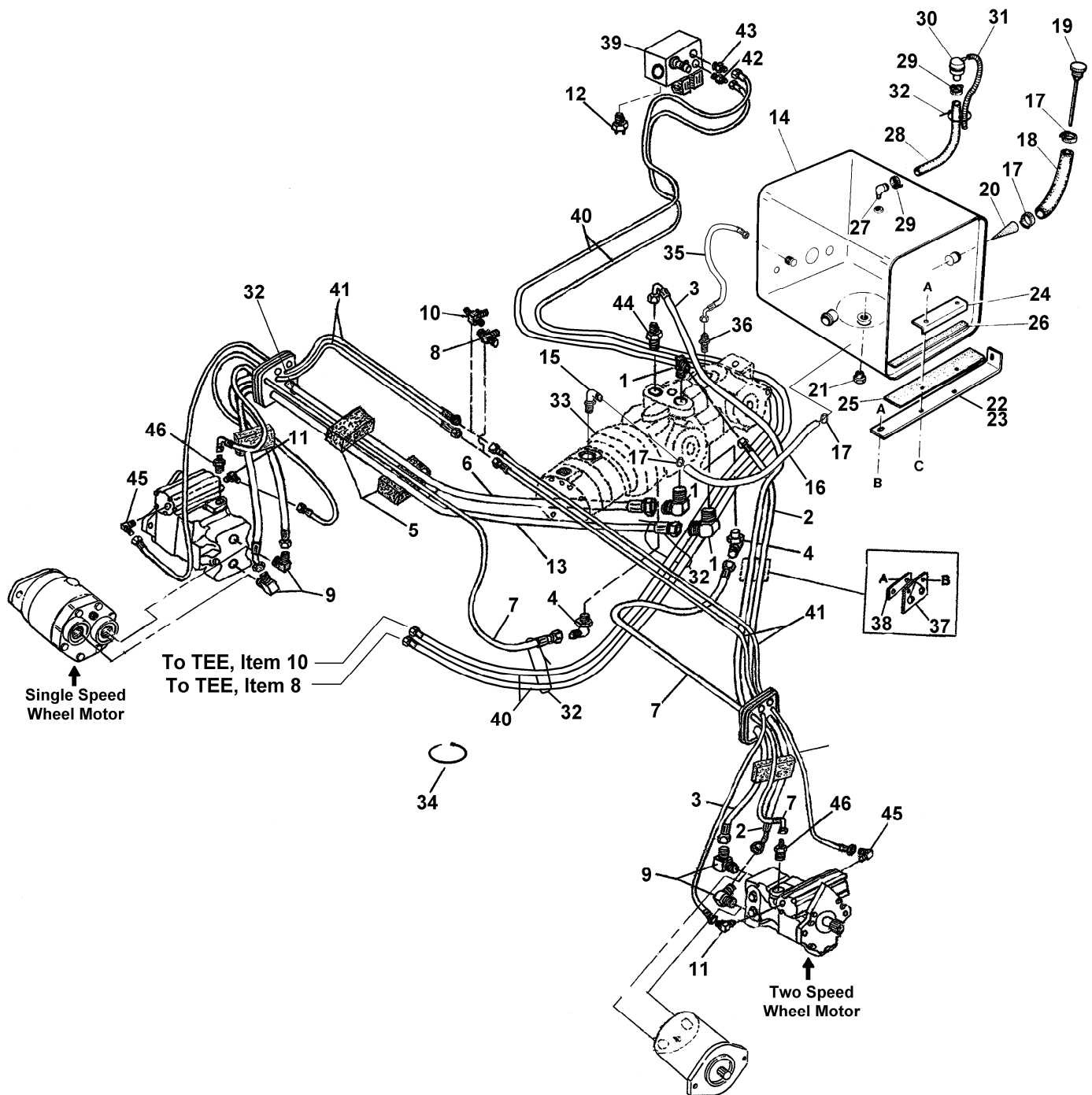
| REF | PART<br>NUMBER | DESCRIPTION                                         | QTY | SERIAL<br>NUMBER |
|-----|----------------|-----------------------------------------------------|-----|------------------|
|     | 42125          | SEAL KIT - 3" bore, for header lift cylinder 112190 |     |                  |
|     |                | Includes the following:                             |     |                  |
| 3   |                | O-RING BN - 3" OD x 2-5/8" ID .....                 | 1   |                  |
| 5   |                | O-RING BN - 1-1/8 OD x 7/8" ID .....                | 1   |                  |
| 8   |                | O-RING BN - 3" OD x 2-3/4" ID .....                 | 1   |                  |
| 9   |                | BU WASHER - 3" OD x 2-3/4" ID .....                 | 1   |                  |
| 10  |                | U CUP, L B - 2" OD x 1-5/8" ID x 3/8" long .....    | 1   |                  |
| 12  |                | WIPER MT - 1-5/8" ID x 2-1/8 OD x 5/16" long .....  | 1   |                  |

Header Lift Cylinder  
2.5" BORE SEAL KIT



| REF | PART<br>NUMBER | DESCRIPTION                                           | QTY | SERIAL<br>NUMBER |
|-----|----------------|-------------------------------------------------------|-----|------------------|
|     | 42126          | SEAL KIT - 2.5" bore, for header lift cylinder 112191 |     |                  |
|     |                | Includes the following:                               |     |                  |
| 3   |                | BU WASHER - 2-1/2" OD x 2-1/8" ID .....               | 2   |                  |
| 4   |                | O-RING BN - 2-1/2" OD x 2-1/8" ID .....               | 1   |                  |
| 6   |                | O-RING BN - 1-1/8 OD x 7/8" ID .....                  | 1   |                  |
| 9   |                | O-RING BN - 2-1/2" OD x 2-1/4" ID .....               | 1   |                  |
| 10  |                | BU WASHER - 2-1/2" OD x 2-1/4" ID .....               | 1   |                  |
| 11  |                | U CUP, L B - 2" OD x 1-5/8" ID x 3/8" long .....      | 1   |                  |
| 13  |                | WIPER MT - 1-5/8" ID x 2-1/8 OD x 5/16" long .....    | 1   |                  |

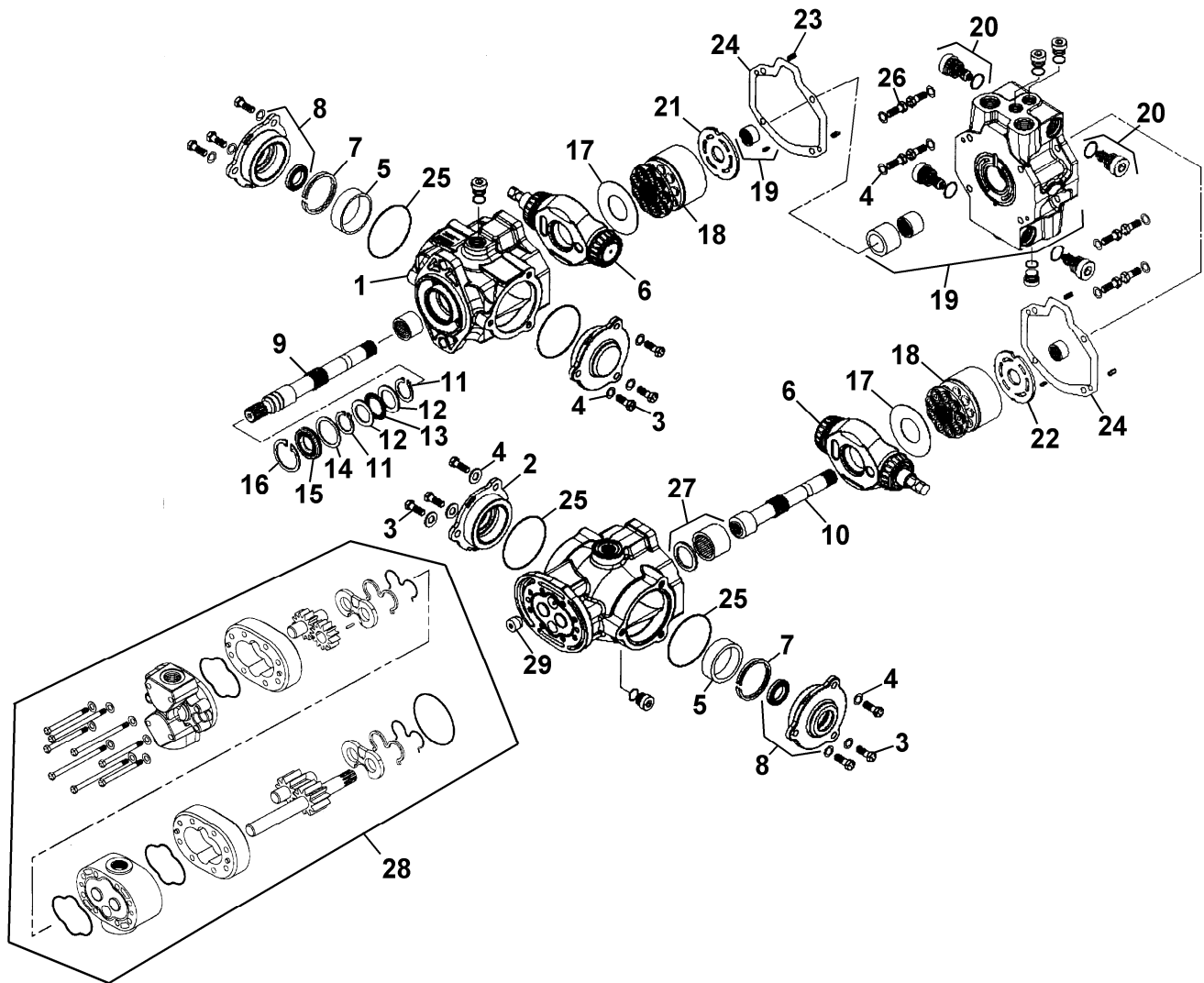
## HYDRAULICS: TRACTION DRIVE



## HYDRAULICS: TRACTION DRIVE

| REF | PART<br>NUMBER | DESCRIPTION                                                                    | QTY<br>NA / TURBO | SERIAL<br>NUMBER |
|-----|----------------|--------------------------------------------------------------------------------|-------------------|------------------|
| 1   | 30970          | FITTING - elbow, 3/4 tube x 1-1/16 O-ring .....                                | 3                 |                  |
|     | 30971          | O-RING - for 1-1/16 fitting .....                                              |                   |                  |
| 2   | 112250         | HOSE - hydraulic - to left wheel motor, rear port (single speed units) .....   | 1                 |                  |
|     | <b>162290</b>  | HOSE - hydraulic - to left wheel motor, rear port (2 speed units) .....        | 1                 |                  |
| 3   | 112249         | HOSE - hydraulic - to left wheel motor, front port (single speed units) .....  | 1                 |                  |
|     | <b>162292</b>  | HOSE - hydraulic - to left wheel motor, front port (2 speed units) .....       | 1                 |                  |
| 4   | 21076          | FITTING - elbow, 90° .....                                                     | 2                 |                  |
| 5   | 45175          | PAD - foam .....                                                               | 5                 |                  |
| 6   | 45546          | HOSE - hydraulic - to right wheel motor, rear port (single speed units) .....  | 1                 |                  |
|     | <b>162289</b>  | HOSE - hydraulic - to right wheel motor, rear port (2 speed units) .....       | 1                 |                  |
| 7   | 111044         | HOSE - hydraulic, case drain from motors (L/H motor) .....                     | 2                 |                  |
| 8   | 7603           | FITTING - tee .....                                                            | 1                 |                  |
| 9   | REF            | FITTING - motor pressure, see Wheel Motor Assembly .....                       | 4                 |                  |
| 10  | 18881          | FITTING - tee .....                                                            | 1                 |                  |
| 11  | 30927          | FITTING - elbow, #4 JIC fitting .....                                          | 2                 |                  |
| 12  | 111053         | SWITCH - supercharge oil pressure, 2 speed units .....                         | 1                 |                  |
|     | 45154          | SWITCH - supercharge oil pressure, single speed units .....                    | 1                 |                  |
| 13  | 45547          | HOSE - hydraulic - to right wheel motor, front port (single speed units) ..... | 1                 |                  |
|     | <b>162288</b>  | HOSE - hydraulic - to right wheel motor, front port (2 speed units) .....      | 1                 |                  |
| 14  | 167004         | TANK - hydraulic, with decal .....                                             | 1                 |                  |
| 15  | 111043         | FITTING - barbed insert, 45°, 1-5/8 O-ring .....                               | 1                 |                  |
| 16  | 112194         | HOSE - hydraulic, suction .....                                                | 1                 |                  |
| 17  | 17958          | CLAMP - hose .....                                                             | 2                 |                  |
| 18  | 42028          | HOSE - filler to tank .....                                                    | 1                 |                  |
| 19  | 21822          | CAP - dipstick .....                                                           | 1                 |                  |
| 20  | 24037          | STRAINER .....                                                                 | 1                 |                  |
| 21  | 44207          | PLUG - magnetic, with O-ring (44209) .....                                     | 1                 |                  |
| 22  | 44201          | SUPPORT - left .....                                                           | 1                 |                  |
| 23  | 44202          | SUPPORT - right .....                                                          | 1                 |                  |
| 24  | 44205          | RETAINER - tank mount .....                                                    | 2                 |                  |
| 25  | 44203          | STRIP - lower, tank mount .....                                                | 2                 |                  |
| 26  | 44204          | STRIP - upper, tank mount .....                                                | 2                 |                  |
| 27  | 5735           | FITTING - elbow .....                                                          | 1                 |                  |
| 28  | 44945          | HOSE - vent .....                                                              | 1                 |                  |
| 29  | 30670          | CLAMP - hose .....                                                             | 2                 |                  |
| 30  | 20579          | BREATHER .....                                                                 | 1                 |                  |
| 31  | 24398          | HOSE - breather intake .....                                                   | 1                 |                  |
| 32  | 21763          | FASTENER - plastic tie, 7-1/2 inch .....                                       | 7                 |                  |
| 33  | REF            | PUMP - see page 92 .....                                                       | 1                 |                  |
| 34  | 30753          | FASTENER - plastic tie, 14-1/2 inch .....                                      | 2                 |                  |
| 35  | 111068         | HOSE - hyd, pump case drain to tank .....                                      | 1                 |                  |
| 36  | 21747          | FITTING - connector (8-10) .....                                               | 1                 |                  |
| 37  | 112233         | MOUNT - hose .....                                                             | 1                 |                  |
| 38  | 45740          | BAR - hose mount .....                                                         | 1                 |                  |
| 39  | 111388         | MANIFOLD - supercharge, 2 speed .....                                          | 1                 |                  |
|     | 111128         | MANIFOLD - supercharge, single speed .....                                     | 1                 |                  |
| 40  | 111071         | HOSE - control valve, tee (2 speed units) .....                                | 2                 |                  |
| 41  | 111072         | HOSE - servometer, tee (2 speed units) .....                                   | 4                 |                  |
| 42  | 112184         | FITTING - connector (2 speed units) .....                                      | 1                 |                  |
| 43  | 100790         | FITTING - adapter (2 speed units) .....                                        | 1                 |                  |
| 44  | 21830          | FITTING - connector .....                                                      | 1                 |                  |
| 45  | 30282          | FITTING - elbow, #6 JIC fitting .....                                          | 2                 |                  |
| 46  | 30939          | FITTING - connector (8-12) .....                                               | 2                 |                  |
| A   | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread                             |                   |                  |
| B   | 19965          | BOLT - round head, square neck, 3/8 NC x 1 inch                                |                   |                  |
| C   | 21484          | BOLT - round head, square neck, 3/8 NC x 1-1/2 inch                            |                   |                  |

## HYDRAULICS: TRIPLE PUMP



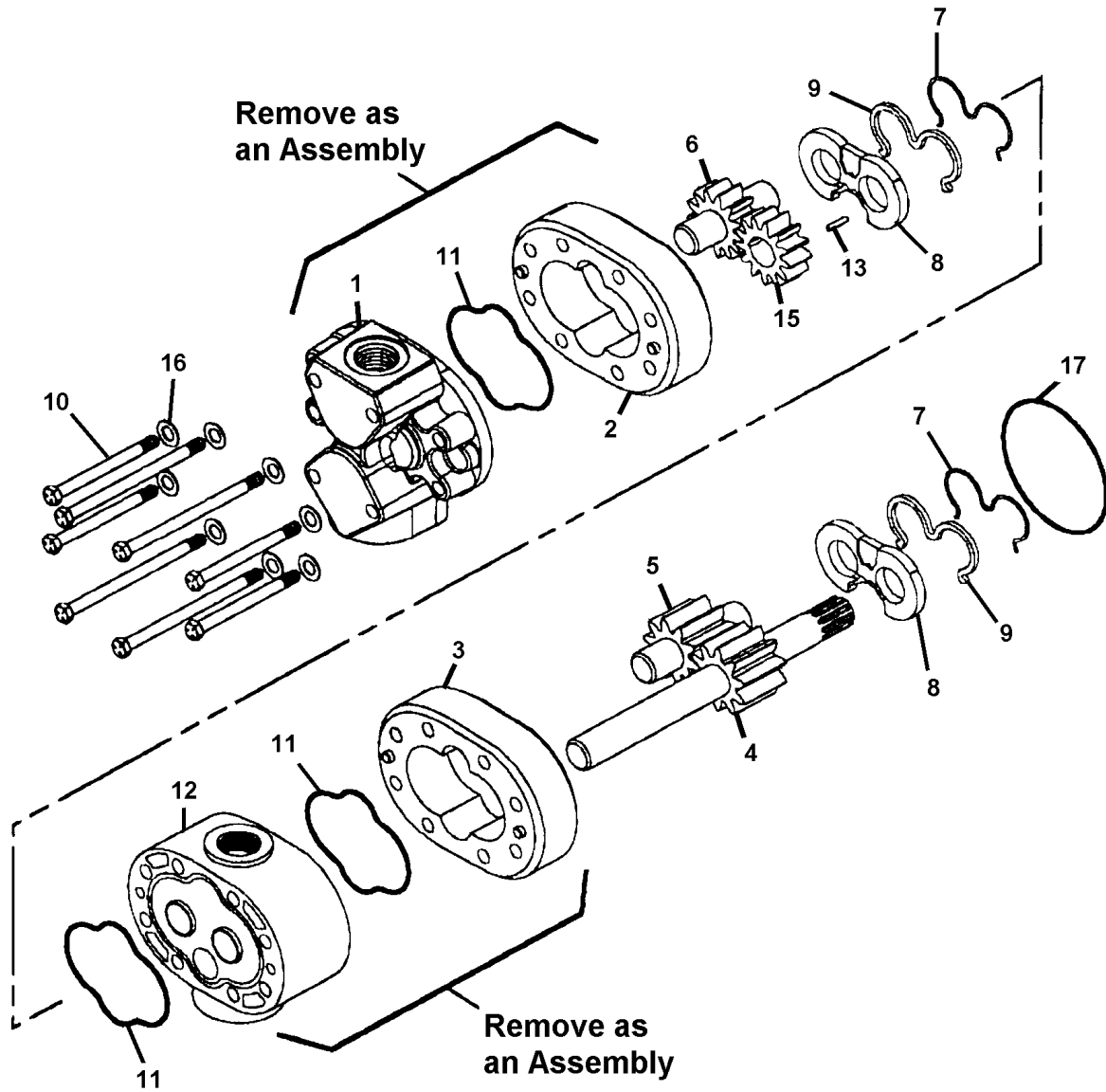
## HYDRAULICS: TRIPLE PUMP

| REF                                                                  | PART<br>NUMBER | DESCRIPTION                                                                              | QTY        | SERIAL<br>NUMBER |
|----------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------|------------|------------------|
| <b>NOTE:</b> Piston pump component quantities are per pump assembly. |                |                                                                                          |            |                  |
| *                                                                    | 111194         | PUMP – triple, complete (Eaton #78364-RBU-02) .....<br>(was 111014, Eaton #78364-RBH-02) | 1          |                  |
| 1                                                                    |                | HOUSING – sub assembly .....                                                             | 1          |                  |
| 2                                                                    | 49785          | PLATE – cover, sub assembly .....                                                        | 2          |                  |
| 3                                                                    | 49786          | SCREW - cap .....                                                                        | 12         |                  |
| 4                                                                    | 49787          | WASHER .....                                                                             | 20         |                  |
| 5                                                                    | 49788          | CUP - bearing .....                                                                      | 2          |                  |
| 6                                                                    | <b>162393</b>  | CAMPLATE – sub assembly (front) .....                                                    | 1          |                  |
|                                                                      | <b>162393</b>  | CAMPLATE – sub assembly (rear) .....                                                     | 1          |                  |
| 7                                                                    | <b>167346</b>  | <b>KIT - shim</b> .....                                                                  | <b>A/R</b> |                  |
| 8                                                                    | 49791          | PLATE – cover, sub assembly with seal .....                                              | A/R        |                  |
|                                                                      | 30058 +        | SEAL – for cover plate .....                                                             | 2          |                  |
| 9                                                                    | 49792          | SHAFT – drive, front .....                                                               | 1          |                  |
| 10                                                                   | 49793          | SHAFT – drive, rear (for pump 111014) .....                                              | 1          | -131619**        |
|                                                                      | 49858          | SHAFT – drive, rear (for pump 111194) .....                                              | 1          | 138025-**        |
| 11                                                                   | 30144 +        | RING - retaining .....                                                                   | 2          |                  |
| 12                                                                   | 30140          | RACE - thrust .....                                                                      | 2          |                  |
| 13                                                                   | 30141          | BEARING - thrust .....                                                                   | 1          |                  |
| 14                                                                   | 49794          | WASHER .....                                                                             | 1          |                  |
| 15                                                                   | 50217 +        | SEAL – shaft, viton .....                                                                | 1          |                  |
| 16                                                                   | 18900 +        | RING - retaining .....                                                                   | 1          |                  |
| 17                                                                   | 49795          | INSERT – cam plate .....                                                                 | 2          |                  |
| 18                                                                   | 49796          | KIT – rotating sub assembly .....                                                        | 2          |                  |
| 19                                                                   |                | MANIFOLD – center sub assembly .....                                                     | 1          |                  |
| 20                                                                   | 49798          | VALVE – relief sub assembly .....                                                        | 4          |                  |
| 21                                                                   | 49799          | PLATE - valve (R/H front) .....                                                          | 1          |                  |
| 22                                                                   | 49800          | PLATE – valve (R/H rear) .....                                                           | 1          |                  |
| 23                                                                   | 49801          | PIN - dowel .....                                                                        | 4          |                  |
| 24                                                                   | 30138 +        | GASKET – housing, front & rear .....                                                     | 2          |                  |
| 25                                                                   | 49802 +        | O-RING .....                                                                             | 4          |                  |
| 26                                                                   | 49786          | SCREW - cap .....                                                                        | 8          |                  |
| 27                                                                   |                | HOUSING – sub assembly, (rear) .....                                                     | 1          |                  |
| 28                                                                   | REF            | DOUBLE GEAR PUMP SUB ASSEMBLY – see page 94 .....                                        | 1          |                  |
| 29                                                                   | 49806          | PLUG .....                                                                               | 1          |                  |
| 30                                                                   |                | LABEL – identification .....                                                             | 1          |                  |
| 31                                                                   | 49808          | PLUG – sub assembly .....                                                                | 1          |                  |

\* 49861 SEAL KIT – incl. all items marked +, for pump 111014 & 111194

\*\* For units with serial numbers in the range not specified above, ie. 131620 to 138024, identify your pump using the Eaton number listed at the top of this page and order the corresponding shaft.

## HYDRAULICS: DOUBLE GEAR PUMP



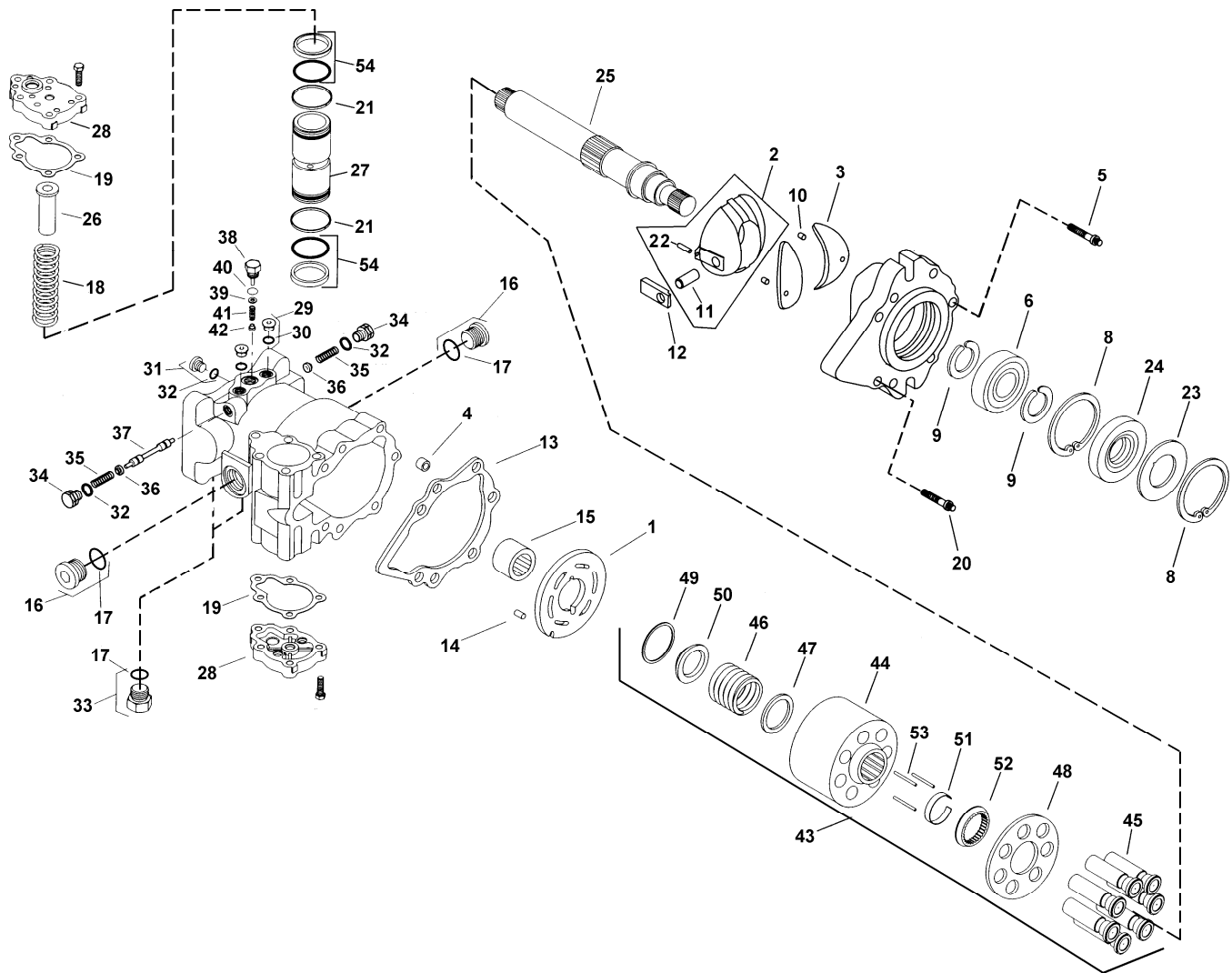
## HYDRAULICS: DOUBLE GEAR PUMP

| REF                                            | PART<br>NUMBER | DESCRIPTION                                                                                                    | QTY | SERIAL<br>NUMBER |
|------------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------|-----|------------------|
| *                                              | 49805          | PUMP - double gear, part of Triple Pump 111014 .....<br>Eaton Production #26513-R01 / Eaton Service #26000-932 | 1   | -131619**        |
|                                                | 49859          | PUMP - double gear, part of Triple Pump 111194 .....<br>Eaton Production #26513-R02 / Eaton Service #26000-933 | 1   | 138025-**        |
| For other triple pump components, see page 93. |                |                                                                                                                |     |                  |
| 1                                              |                | BACKPLATE .....                                                                                                | 1   |                  |
| 2                                              |                | BODY - rear .....                                                                                              | 1   |                  |
| 3                                              |                | BODY - front .....                                                                                             | 1   |                  |
| 4                                              |                | DRIVE GEAR - front .....                                                                                       | 1   |                  |
| 5                                              |                | IDLER GEAR - front .....                                                                                       | 1   |                  |
| 6                                              |                | IDLER GEAR - rear .....                                                                                        | 1   |                  |
| 7                                              | 45575 +        | GASKET – pressure balance .....                                                                                | 2   |                  |
| 8                                              | 49819          | PLATE – wear .....                                                                                             | 2   |                  |
| 9                                              | 45577 +        | SEAL – pressure balance .....                                                                                  | 2   |                  |
| 10                                             | 49821          | SCREW – cap .....                                                                                              | 8   |                  |
| 11                                             | 45579 +        | O-RING .....                                                                                                   | 3   |                  |
| 12                                             | 49823          | ADAPTOR PLATE .....                                                                                            | 1   |                  |
| 13                                             |                | KEY .....                                                                                                      | 1   |                  |
| 14                                             |                | PLUG .....                                                                                                     | 1   |                  |
| 15                                             |                | DRIVE GEAR – slip fit, rear .....                                                                              | 1   |                  |
| 16                                             | 49827 +        | WASHER .....                                                                                                   | 8   |                  |
| 17                                             | 30120 +        | O-RING .....                                                                                                   | 1   |                  |

\* 49809 SEAL KIT – incl. all items marked +, for pump 49805 & 49859

\*\* For units with serial numbers in the range not specified above, ie. 131620 to 138024, identify your pump using the Eaton numbers listed at the top of this page. The Eaton production number, service number, or both will be stamped into the pump housing.

## HYDRAULICS: TWO-SPEED WHEEL MOTOR



## HYDRAULICS: TWO-SPEED WHEEL MOTOR

| REF | PART<br>NUMBER | DESCRIPTION                                          | QTY | SERIAL<br>NUMBER |
|-----|----------------|------------------------------------------------------|-----|------------------|
|     | 111030         | MOTOR - wheel, hydraulic piston type, complete ..... |     |                  |
| 1   | 49729          | VALVE PLATE – motor .....                            | 1   |                  |
| 2   | 49730          | SWASHPLATE ASSEMBLY - variable .....                 | 1   |                  |
| 3   | 49731          | BEARING - journal .....                              | 2   |                  |
| 4   |                | PIN - spring .....                                   | 1   |                  |
| 5   | 49733          | SCREW .....                                          | 1   |                  |
| 6   | 49734          | BEARING - ball .....                                 | 1   |                  |
| 8   | 49735          | RING .....                                           | 2   |                  |
| 9   | 49736          | RING – internal retaining .....                      | 2   |                  |
| 10  | 49737          | PIN - spring .....                                   | 2   |                  |
| 11  | 49738          | PIN .....                                            | 1   |                  |
| 12  | 49739          | BEARING - sleeve .....                               | 1   |                  |
| 13  | 49740          | GASKET – front cover .....                           | 1   |                  |
| 14  |                | PIN - straight .....                                 | 1   |                  |
| 15  | 49742          | BEARING - needle .....                               | 1   |                  |
| 16  | 49743          | PLUG .....                                           | 2   |                  |
| 17  | 30971          | O-RING (was 49744) .....                             | 4   |                  |
| 18  | 49745          | SPRING - servo .....                                 | 2   |                  |
| 19  | 49746          | GASKET - servo .....                                 | 2   |                  |
| 20  | 49747          | SCREW .....                                          | 6   |                  |
| 21  | 49748          | RING - bearing .....                                 | 2   |                  |
| 22  | 49749          | PIN - slotted .....                                  | 1   |                  |
| 23  | 49750          | WASHER - support .....                               | 1   |                  |
| 24  | 49751          | SEAL - lip .....                                     | 1   |                  |
| 25  | 49752          | SHAFT – 13 tooth, splined .....                      | 1   |                  |
| 26  | 49753          | STOP .....                                           | 1   |                  |
| 27  | 49755          | PISTON ASSEMBLY - servo .....                        | 1   |                  |
| 28  | 49756          | COVER - servo .....                                  | 2   |                  |
| 29  | 49757          | PLUG .....                                           | 2   |                  |
| 30  | 49758          | O-RING .....                                         | 2   |                  |
| 31  | 49759          | PLUG .....                                           | 1   |                  |
| 32  | 49760          | O-RING .....                                         | 2   |                  |
| 33  | 49761          | PLUG .....                                           | 2   |                  |
| 34  | 49763          | PLUG .....                                           | 2   |                  |
| 35  | 49764          | SPRING - compression .....                           | 2   |                  |
| 36  | 49762          | SPRING GUIDE .....                                   | 2   |                  |
| 37  | 49765          | SHUTTLE SPOOL .....                                  | 1   |                  |
| 38  | 49766          | PLUG .....                                           | 1   |                  |
| 39  | 49767          | SHIM KIT .....                                       | 1   |                  |
| 40  | 49768          | O-RING .....                                         | 1   |                  |
| 41  | 49769          | SPRING - compression .....                           | 1   |                  |
| 42  | 49770          | POPPET .....                                         | 1   |                  |
| 43  | 49771          | CYLINDER BLOCK ASSEMBLY, includes items 44-53 .....  | 1   |                  |
| 44  |                | CYLINDER BLOCK .....                                 | 1   |                  |
| 45  |                | PISTON ASSEMBLY .....                                | 7   |                  |
| 46  |                | SPRING – cylinder block .....                        | 1   |                  |
| 47  |                | WASHER .....                                         | 1   |                  |
| 48  |                | SLIPPER GUIDE .....                                  | 1   |                  |
| 49  |                | RING – retaining .....                               | 1   |                  |
| 50  |                | WASHER .....                                         | 1   |                  |
| 51  |                | HOLD DOWN – slipper retainer .....                   | 1   |                  |
| 52  |                | GUIDE – retainer .....                               | 1   |                  |
| 53  |                | PIN – slipper hold down .....                        | 3   |                  |
| 54  | 49782          | PISTON RING KIT – servo .....                        | 1   |                  |



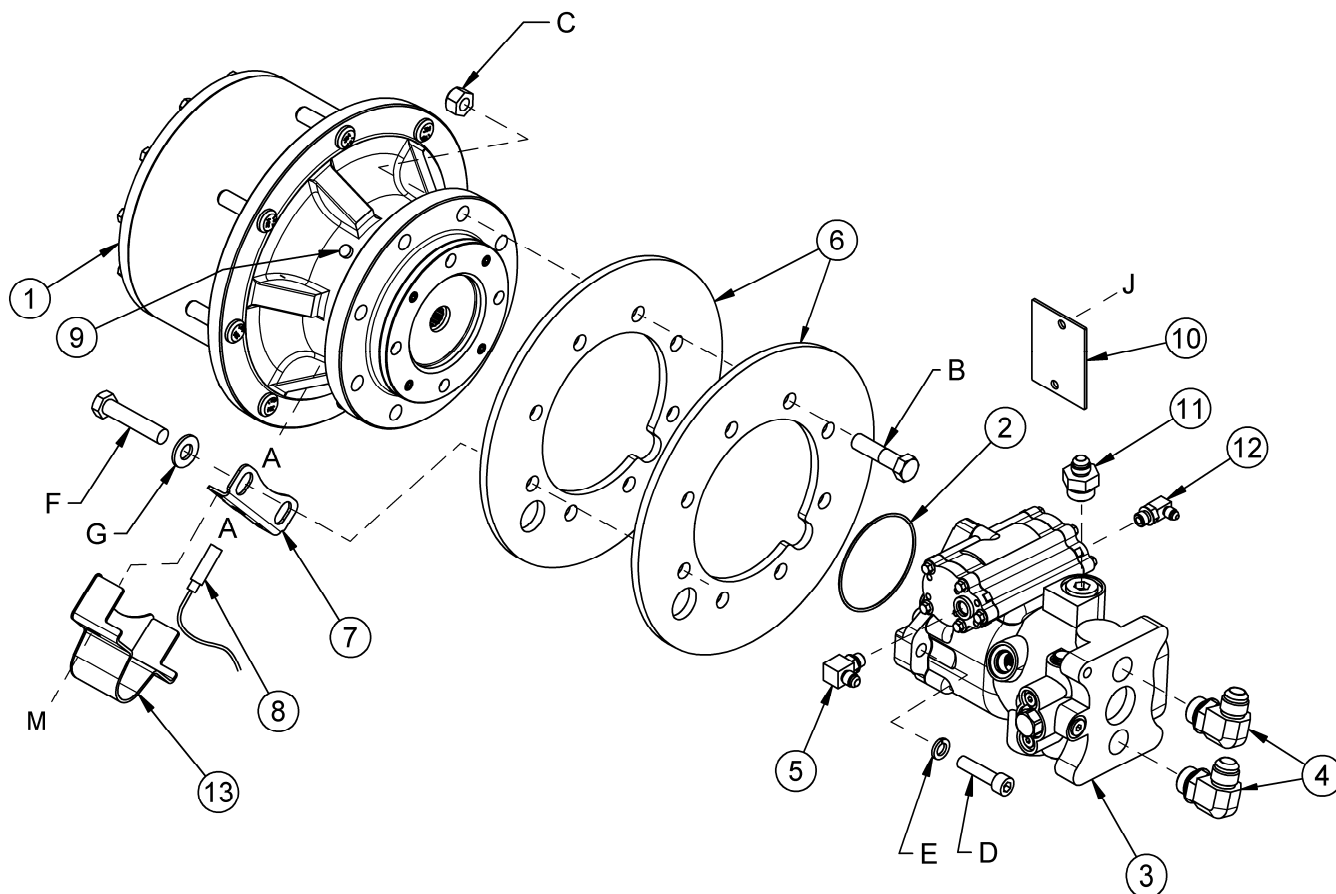
## TWO SPEED DRIVE: WHEEL MOTOR ASSEMBLY

| REF | PART<br>NUMBER | DESCRIPTION                                                         | QTY | SERIAL<br>NUMBER |
|-----|----------------|---------------------------------------------------------------------|-----|------------------|
| 1   | REF ●■         | DRIVE - power wheel, see page 105 or 107 .....                      | 2   | see Note 2       |
|     | REF ▲          | DRIVE - power hub, see "Model RR Power Hub", page 109 .....         | 2   |                  |
| 2   | 30045          | O-RING - power wheel to motor seal .....                            | 2   |                  |
| 3   | REF            | MOTOR - hydraulic, see page 97 .....                                | 2   |                  |
| 4   | 30970          | FITTING - elbow, 1-1/16 O-ring x 3/4 inch tube.....                 | 4   |                  |
|     | 30971          | O-RING - for item 4.....                                            | 2   |                  |
| 5   | 30282          | FITTING - elbow .....                                               | 2   |                  |
|     | 50219          | O-RING - for item 5.....                                            | 2   |                  |
| 6   | 111042         | ● SPACER - final drive .....                                        | 2   |                  |
| 7   | 111111         | ● BRACKET - speed sensor .....                                      | 1   |                  |
| 8   | 111219         | KIT - speedometer sender, includes hardware A & C (see Note 1)..... | 1   |                  |
| 9   | 45786          | MAGNET .....                                                        | 1   |                  |
| 10  | 111057         | PLATE - cap .....                                                   | 4   |                  |
| 11  | 30939          | FITTING - adapter.....                                              | 2   |                  |
| 12  | 30927          | FITTING - elbow .....                                               | 2   |                  |
|     | 50219          | O-RING - for item 12.....                                           | 2   |                  |
| 13  | REF ■          | SUPPORT - brake band, see "Brakes", page 113                        |     |                  |
| 14  | 111196         | ■ BRACKET - speed sensor .....                                      | 1   |                  |
| 15  | 111439         | ▲ GUARD - speed sensor .....                                        | 1   |                  |
| 16  | 111338         | ▲ SPACER - final drive .....                                        | 2   |                  |
| 17  | 111438         | ▲ BRACKET - speed sensor .....                                      | 1   |                  |
| A   | 45253          | NUT - nylon, jam, 1/2 NC                                            |     |                  |
| B   | 30664          | BOLT - hex head, 5/8 NC x 2-1/4 inch.....                           |     | -134349          |
|     | 112280         | BOLT - hex head, 5/8 NF x 2-1/4 inch, Grade 8 .....                 |     | 134350-          |
| C   | 18599          | ● WASHER - flat, 17/32 inch ID (see Note 1)                         |     |                  |
| D   | 21582          | BOLT - hex head, 5/8 NC x 1-3/4 inch                                |     |                  |
| E   | 18666          | NUT - lock, 5/8 NC                                                  |     |                  |
| F   | 18639          | WASHER - lock, 5/8 inch ID .....                                    |     | -134349          |
|     | 30441          | WASHER - hardened, 5/8 inch ID .....                                |     | 134350-          |
| G   | 18638          | WASHER - lock, 1/2 inch ID                                          |     |                  |
| J   | 21755          | BOLT - flange head, 5/16 NC x 1/2 inch                              |     |                  |
| K   | 112202         | BOLT - hex socket head, 1/2 NC x 1-3/4 inch                         |     |                  |
| L   | 21587          | ▲ BOLT - hex head, 5/8 NC x 2 inch                                  |     |                  |
| M   | 101898         | ▲ SCREW - hex head, self tapping, 3/8 NC x 5/8 inch                 |     |                  |
| N   | 135025         | ▲ BOLT - hex head, 5/8 NF x 2-1/2 inch, grade 8                     |     |                  |

- NOTES: 1. For ■ & ▲ tractors, flat washers included with speedometer sender kit are NOT used.
2. For ▲ tractors, parts orders for the Model RR Power Hub shown here may have been substituted with kit 167341 consisting of Auburn Power Wheel 60001981 and related bracketry. For repair parts specific to this kit, see pages 99A & 99B. For internal repair parts for Auburn Power Wheel 60001981 see pages 109A & 109B.

● - MacDon 9250/9350, Westward 9250/9350, Prairie Star 4940/4950, Premier 2940/2950, Harvest Pro 8140/8150  
 ■ - MacDon 9352, Westward 9352, Prairie Star 4952, Premier 2952, Harvest Pro 8152  
 ▲ - MacDon 9352i/9352c, Westward 9352i/9352ic, Prairie Star 4952i/4952c, Premier 2952i/2952c Harvest Pro 8152i/8152c

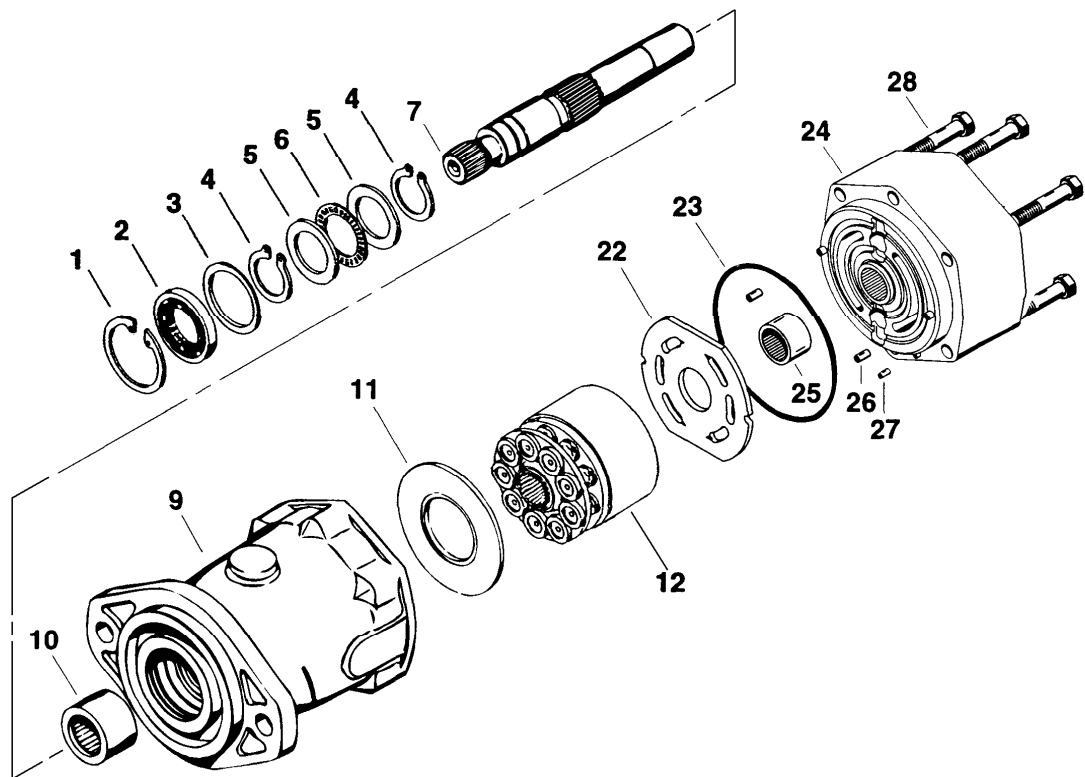
**TWO SPEED DRIVE: WHEEL MOTOR ASSEMBLY  
AUBURN REPLACEMENT WHEEL FOR RR POWER HUB**



**TWO SPEED DRIVE: WHEEL MOTOR ASSEMBLY  
AUBURN REPLACEMENT WHEEL FOR RR POWER HUB**

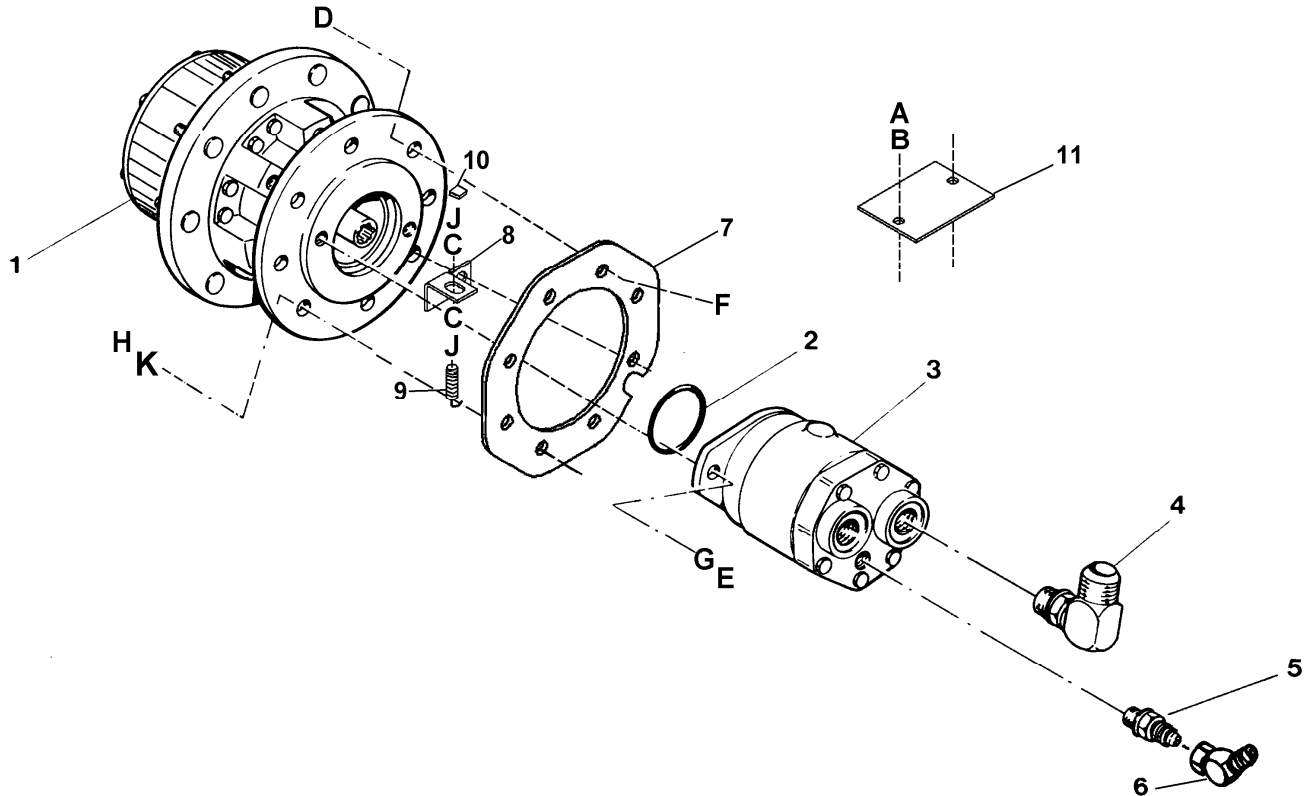
| REF | PART<br>NUMBER | DESCRIPTION                                                                                  | QTY      | SERIAL<br>NUMBER |
|-----|----------------|----------------------------------------------------------------------------------------------|----------|------------------|
|     | <b>167341</b>  | <b>KIT - AUBURN REPLACEMENT WHEEL FOR RR POWER HUB</b><br><b>Includes all items marked ▲</b> |          |                  |
| 1   | REF            | ▲ DRIVE – Auburn Power Wheel, see pages 109A & 109B for repair parts ...                     | 1        |                  |
| 2   | 30045          | O-RING - power wheel to motor seal .....                                                     | 1        |                  |
| 3   | REF            | MOTOR - hydraulic, see page 97 .....                                                         | 1        |                  |
| 4   | 30970          | FITTING - elbow, 1-1/16 O-ring x 1 inch tube.....                                            | 2        |                  |
|     | 30971          | O-RING - for item 4.....                                                                     | 2        |                  |
| 5   | 30282          | FITTING – elbow .....                                                                        | 1        |                  |
|     | 50219          | O-RING – for item 5.....                                                                     | 1        |                  |
| 6   | 111338         | ▲ SPACER – final drive (qty 1 included in kit; 2 req'd per wheel – use existing).....        | 2        |                  |
| 7   | <b>167337</b>  | ▲ <b>BRACKET – speed sensor</b> .....                                                        | <b>1</b> |                  |
| 8   | 111219         | KIT – speedometer sender, includes hardware A .....                                          | 1        |                  |
| 9   | 45786          | MAGNET .....                                                                                 | 1        |                  |
| 10  | 111057         | PLATE – cap .....                                                                            | 2        |                  |
| 11  | 30939          | FITTING – adapter.....                                                                       | 1        |                  |
| 12  | 30927          | FITTING – elbow .....                                                                        | 1        |                  |
|     | 50219          | O-RING – for item 12.....                                                                    | 1        |                  |
| 13  | <b>167339</b>  | ▲ <b>GUARD – speed sensor</b> .....                                                          | <b>1</b> |                  |
| A   | 45253          | NUT – nylon, jam, 1/2 NC                                                                     |          |                  |
| B   | <b>21584</b>   | ▲ <b>BOLT – hex head, 5/8 NC x 2-1/2 inch</b> .....                                          | <b>2</b> |                  |
| C   | 18666          | ▲ NUT – lock, 5/8 NC.....                                                                    | 2        |                  |
| D   | <b>135376</b>  | ▲ <b>BOLT – hex socket head, 1/2 NC x 2 inch</b> .....                                       | <b>2</b> |                  |
| E   | 18638          | ▲ WASHER - lock, 1/2 inch ID .....                                                           | 2        |                  |
| F   | <b>135682</b>  | ▲ <b>BOLT – hex head, 5/8 NC x 3 inch</b> .....                                              | <b>6</b> |                  |
| G   | 30441          | ▲ WASHER – hardened, 5/8 inch ID .....                                                       | 6        |                  |
| J   | 21755          | BOLT – flange head, 5/16 NC x 1/2 inch                                                       |          |                  |
| M   | 101898         | SCREW – hex head, self tapping, 3/8 NC x 5/8 inch                                            |          |                  |

HYDRAULICS: SINGLE SPEED WHEEL MOTOR



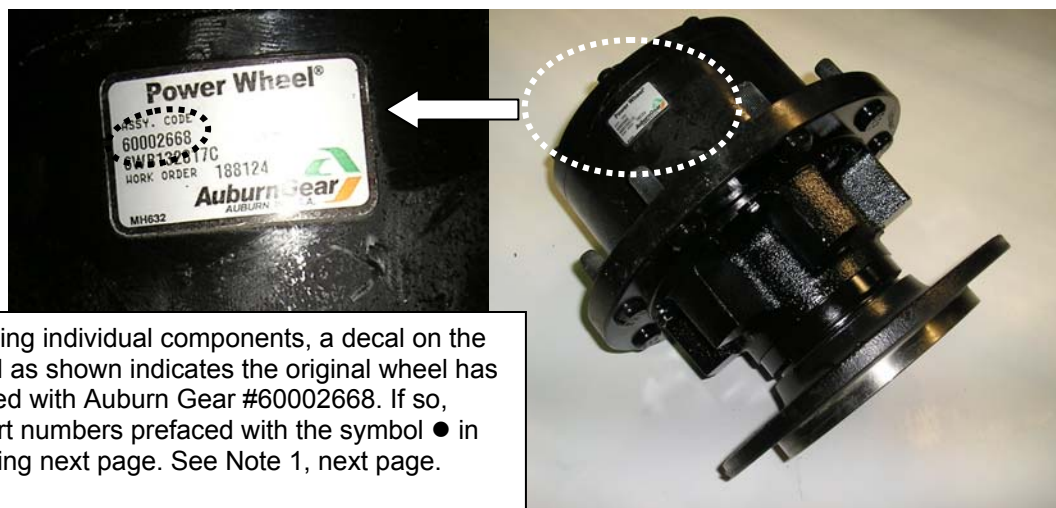
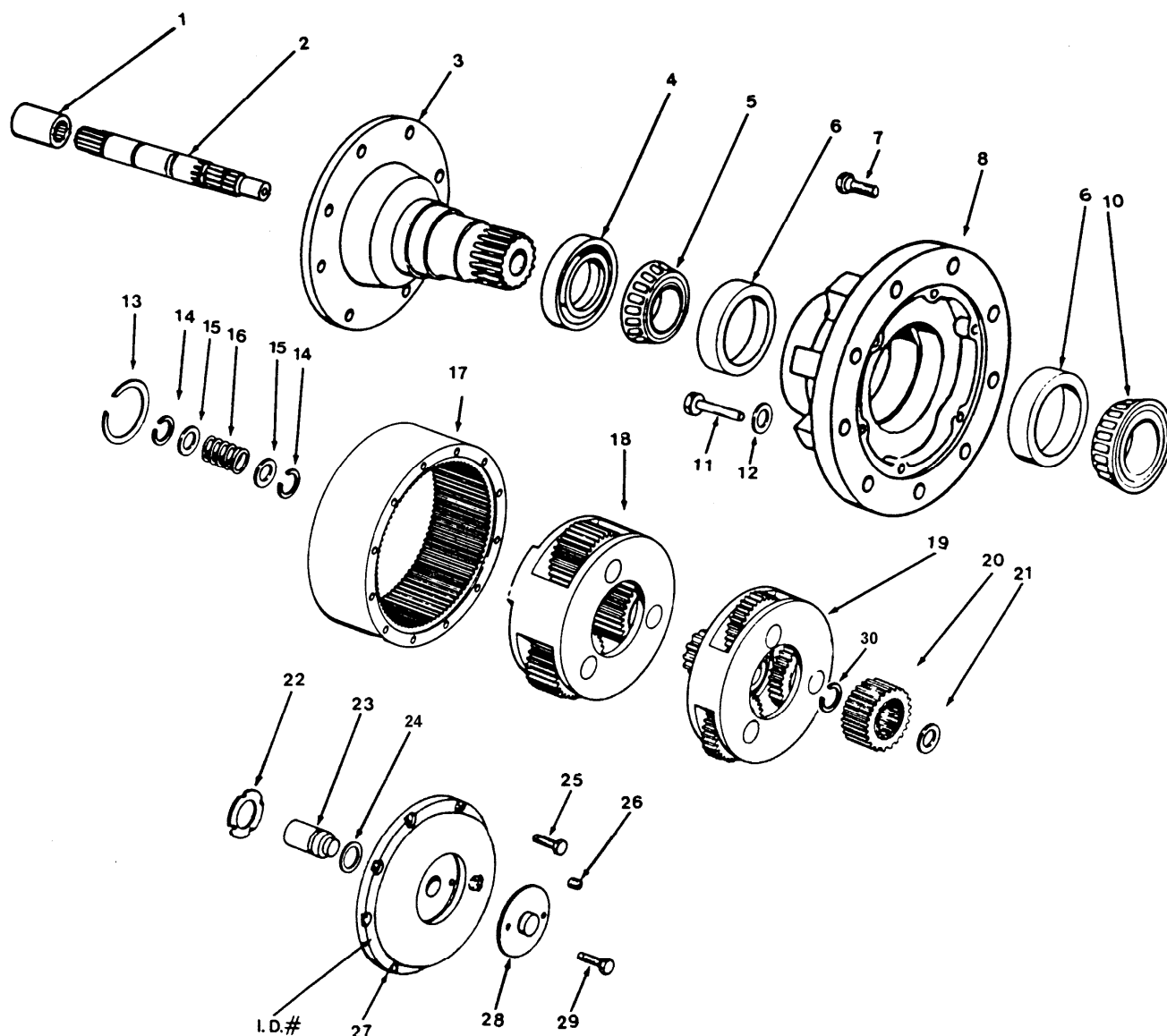
| REF | PART<br>NUMBER | DESCRIPTION                                           | QTY | SERIAL<br>NUMBER |
|-----|----------------|-------------------------------------------------------|-----|------------------|
| ..  | 45606          | MOTOR – hydraulic, single speed.....                  | 2   |                  |
|     | 45610          | SEAL KIT – hydraulic motor, includes items marked +   |     |                  |
| 1   | 18900          | + RING – retaining.....                               | 1   |                  |
| 2   | 50217          | + SEAL – motor shaft .....                            | 1   |                  |
| 4   | 30144          | + RING – retaining.....                               | 2   |                  |
| 7   | 112490         | SHAFT – drive, 13 tooth spline, .875 inch shaft ..... | 1   |                  |
| 10  | 21420          | BEARING – needle.....                                 | 1   |                  |
| 23  | 30045          | + O-RING - motor, internal.....                       | 1   |                  |
| 24  | 112491         | BACKPLATE ASSEMBLY .....                              | 1   |                  |
| 25  | 112493         | BEARING – needle.....                                 | 1   |                  |

## SINGLE SPEED DRIVE: WHEEL MOTOR ASSEMBLY



| REF | PART<br>NUMBER | DESCRIPTION                                         | QTY | SERIAL<br>NUMBER |
|-----|----------------|-----------------------------------------------------|-----|------------------|
| 1   | REF            | DRIVE - power wheel, see page 103 .....             | 2   |                  |
| 2   | 30045          | O-RING - power wheel to motor seal .....            | 2   |                  |
| 3   | REF            | MOTOR - hydraulic, single speed, see page 100 ..... | 2   |                  |
| 4   | 21827          | FITTING - elbow, 1-5/16 O-ring x 1 inch tube .....  | 4   |                  |
|     | 50220          | O-RING - for 1-5/16 fitting .....                   | 2   |                  |
| 5   | 21030          | FITTING - adapter, 3/4 O-ring x 3/8 inch tube ..... | 2   |                  |
|     | 44209          | O-RING - for 3/4 fitting .....                      | 2   |                  |
| 6   | 30875          | FITTING - 45° elbow, 3/8 inch tube .....            | 2   |                  |
| 7   | 111042         | SPACER - final drive .....                          | 2   |                  |
| 8   | 111111         | BRACKET - speed sensor .....                        | 1   |                  |
| 9   | 111219         | KIT - speedometer sender (was 111211) .....         | 1   |                  |
| 10  | 45786          | MAGNET .....                                        | 1   |                  |
| 11  | 111057         | PLATE - cap .....                                   | 4   |                  |
| A   | 21558          | BOLT - hex head, 5/16 NC x 3/4 inch .....           |     |                  |
| B   | 18636          | WASHER - lock, 5/16 inch ID .....                   |     |                  |
| C   | 18599          | WASHER - flat, 17/32 inch ID .....                  |     |                  |
| D   | 21594          | BOLT - hex head, 5/8 NC x 1-1/2 inch .....          |     |                  |
| E   | 21491          | BOLT - hex head, 1/2 NC x 1-1/4 inch .....          |     |                  |
| F   | 18666          | NUT - lock, 5/8 NC .....                            |     |                  |
| G   | 18638          | WASHER - lock, 1/2 inch ID .....                    |     |                  |
| H   | 21587          | BOLT - hex head, 5/8 NC x 2 inch .....              |     | -134349          |
|     | 30861          | BOLT - hex head, 5/8 NF x 2 inch, Grade 8 .....     |     | 134350-          |
| J   | 45253          | NUT - nylon, jam, 1/2 NC .....                      |     |                  |
| K   | 18639          | WASHER - lock, 5/8 inch ID .....                    |     | -134349          |
|     | 30441          | WASHER - hardened, 5/8 inch ID .....                |     | 134350-          |

# MODEL 6 POWER WHEEL SINGLE SPEED UNITS



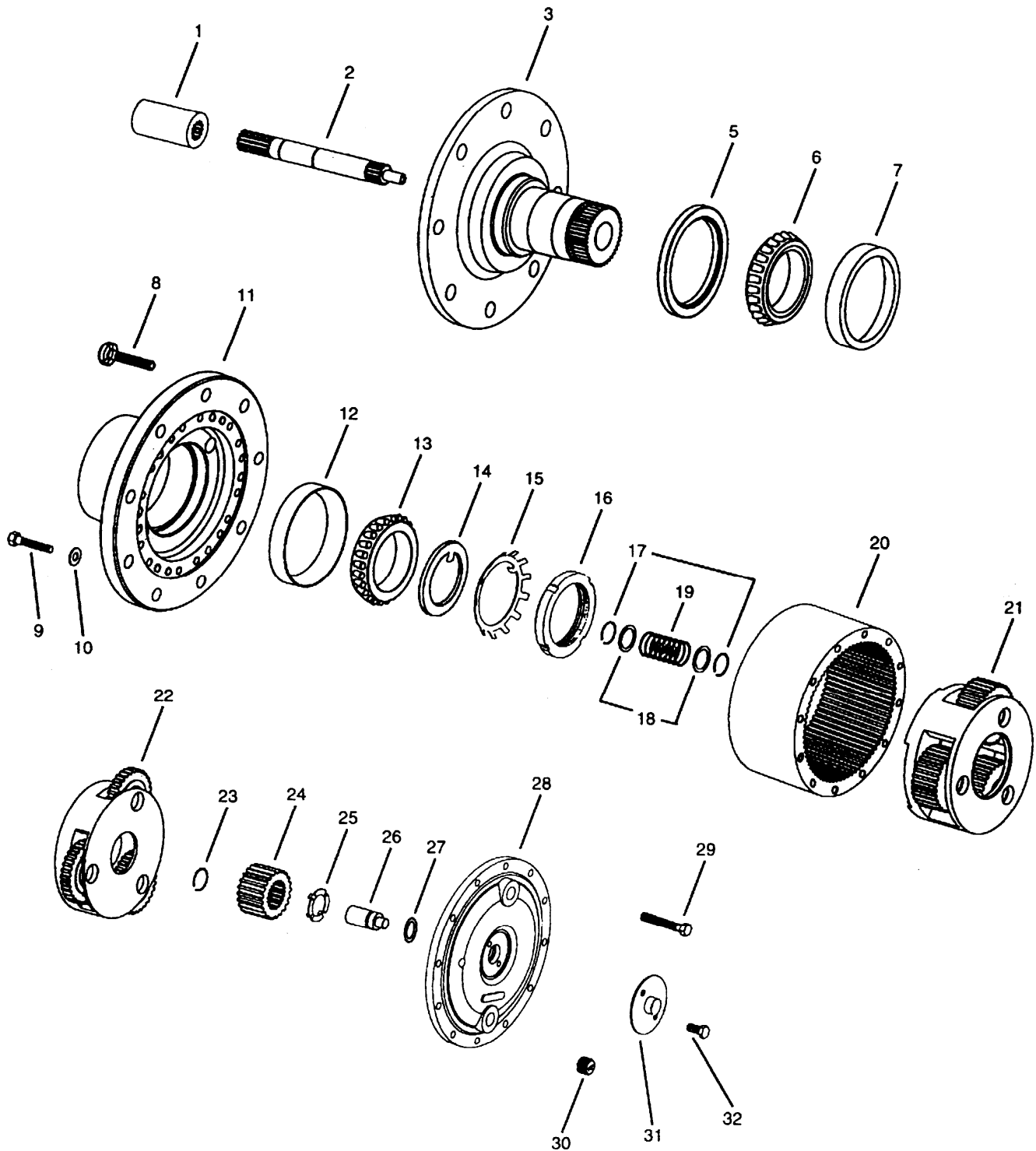
When servicing individual components, a decal on the power wheel as shown indicates the original wheel has been replaced with Auburn Gear #60002668. If so, order the part numbers prefaced with the symbol ● in the parts listing next page. See Note 1, next page.

## MODEL 6 POWER WHEEL SINGLE SPEED UNITS

| REF                                                                    | PART<br>NUMBER | DESCRIPTION                                                          | QTY | SERIAL<br>NUMBER |
|------------------------------------------------------------------------|----------------|----------------------------------------------------------------------|-----|------------------|
| *                                                                      | 42001          | DRIVE - power wheel, complete: Single-Speed Drive.....               | 2   | See Note 1       |
| <b>Quantities below are per drive assembly.</b>                        |                |                                                                      |     |                  |
| 1                                                                      | 30181          | COUPLING - 13 teeth.....                                             | 1   |                  |
| 2                                                                      | 30182          | SHAFT - input.....                                                   | 1   |                  |
|                                                                        | ● 163980       | <b>SHAFT - input</b> .....                                           | 1   | See Note 1       |
| 3                                                                      | 30183          | SPINDLE - drive .....                                                | 1   |                  |
| 4                                                                      | 30184          | SEAL - oil.....                                                      | 1   |                  |
| 5                                                                      | 30185          | BEARING - cone .....                                                 | 1   |                  |
|                                                                        | ● 167432       | <b>BEARING - cone (pair with cup 167433, item 6)</b> .....           | 1   | See Note 1       |
| 6                                                                      | 30186          | BEARING - cup, (qty. 1 with wheel 163884, paired with item 10) ..... | 2   |                  |
|                                                                        | ● 167433       | <b>BEARING - cup (pair with cone 167432, item 5)</b> .....           | 1   | See Note 1       |
| 7                                                                      | 21357          | BOLT - wheel, 9/16 NF .....                                          | 9   |                  |
|                                                                        | ● 163837       | <b>BOLT - wheel, 9/16 NF</b> .....                                   | 9   | See Note 1       |
| 8                                                                      | 42769          | HUB - power wheel.....                                               | 1   |                  |
|                                                                        | ● 163830       | <b>HUB - power wheel</b> .....                                       | 1   | See Note 1       |
| 10                                                                     | 30189          | BEARING - cone .....                                                 | 1   |                  |
| 11                                                                     | 30190          | BOLT - hex head, 3/8 NF x 1-7/8 inch Grade 8 .....                   | 6   |                  |
| 12                                                                     | 30191          | WASHER - flat.....                                                   | 6   |                  |
| 13                                                                     | 30206          | KIT - retaining ring .....                                           | 1   |                  |
| NOTE: Select appropriate ring from kit to provide 0 to 0.006 end play. |                |                                                                      |     |                  |
| 14                                                                     | 42765          | RING - retaining.....                                                | 2   |                  |
| 15                                                                     | 30193          | WASHER.....                                                          | 2   |                  |
| 16                                                                     | 30194          | SPRING - disengage .....                                             | 1   |                  |
| 17                                                                     | 42766          | GEAR - ring .....                                                    | 1   |                  |
| 18                                                                     | 30196          | CARRIER ASSEMBLY - secondary .....                                   | 1   |                  |
|                                                                        | ● 163829       | <b>CARRIER ASSEMBLY - secondary</b> .....                            | 1   | See Note 1       |
| 19                                                                     | 42767          | CARRIER ASSEMBLY - primary, power wheel 42001 only .....             | 1   |                  |
|                                                                        | ● 163828       | <b>CARRIER ASSEMBLY - primary</b> .....                              | 1   | See Note 1       |
| 20                                                                     | 42768          | GEAR - sun, primary, power wheel 42001 only .....                    | 1   |                  |
| 21                                                                     | 30199          | WASHER - thrust.....                                                 | 1   |                  |
| 22                                                                     | 30200          | WASHER - thrust.....                                                 | 1   |                  |
| 23                                                                     | 30201          | PLUNGER - disengage .....                                            | 1   |                  |
|                                                                        | ● 163979       | <b>PLUNGER - disengage</b> .....                                     | 1   | See Note 1       |
| 24                                                                     | 21873          | O-RING.....                                                          | 1   |                  |
|                                                                        | ● 111105       | <b>O-RING - 4 lobed</b> .....                                        | 1   | See Note 1       |
| 25                                                                     | 21087          | BOLT - hex head, 5/16 NC x 1 inch.....                               | 8   | -162249          |
|                                                                        | 21526          | BOLT - hex head, 5/16 NC x 1-1/4 inch.....                           | 8   | 162250-          |
| 26                                                                     | 30203          | PLUG - pipe, magnetic .....                                          | 1   |                  |
| 27                                                                     | 30204          | COVER - large.....                                                   | 1   | -162249          |
|                                                                        | ● 163978       | <b>COVER - large</b> .....                                           | 1   | See Note 1       |
|                                                                        | 111090         | COVER - large .....                                                  | 1   | 162250-          |
| 28                                                                     | 30205          | COVER - disengage .....                                              | 1   |                  |
| 29                                                                     | 21588          | BOLT - hex head, 5/16 NC x 3/4 inch.....                             | 2   |                  |
| 30                                                                     | 30192          | RING - retaining.....                                                | 1   |                  |

**NOTE:** 1. Complete Power Wheel part number 42001 (Auburn Gear #6000509) has been discontinued by the supplier. **Orders for a complete unit may be substituted with MacDon part number 163884 (Auburn Gear #60002668).** Some internal service parts are different between the two power wheels. When servicing individual components, see photos on facing page to identify if the original power wheel has been replaced with Auburn Gear #60002668. If, so order the part numbers prefaced with the symbol ● in the above list.

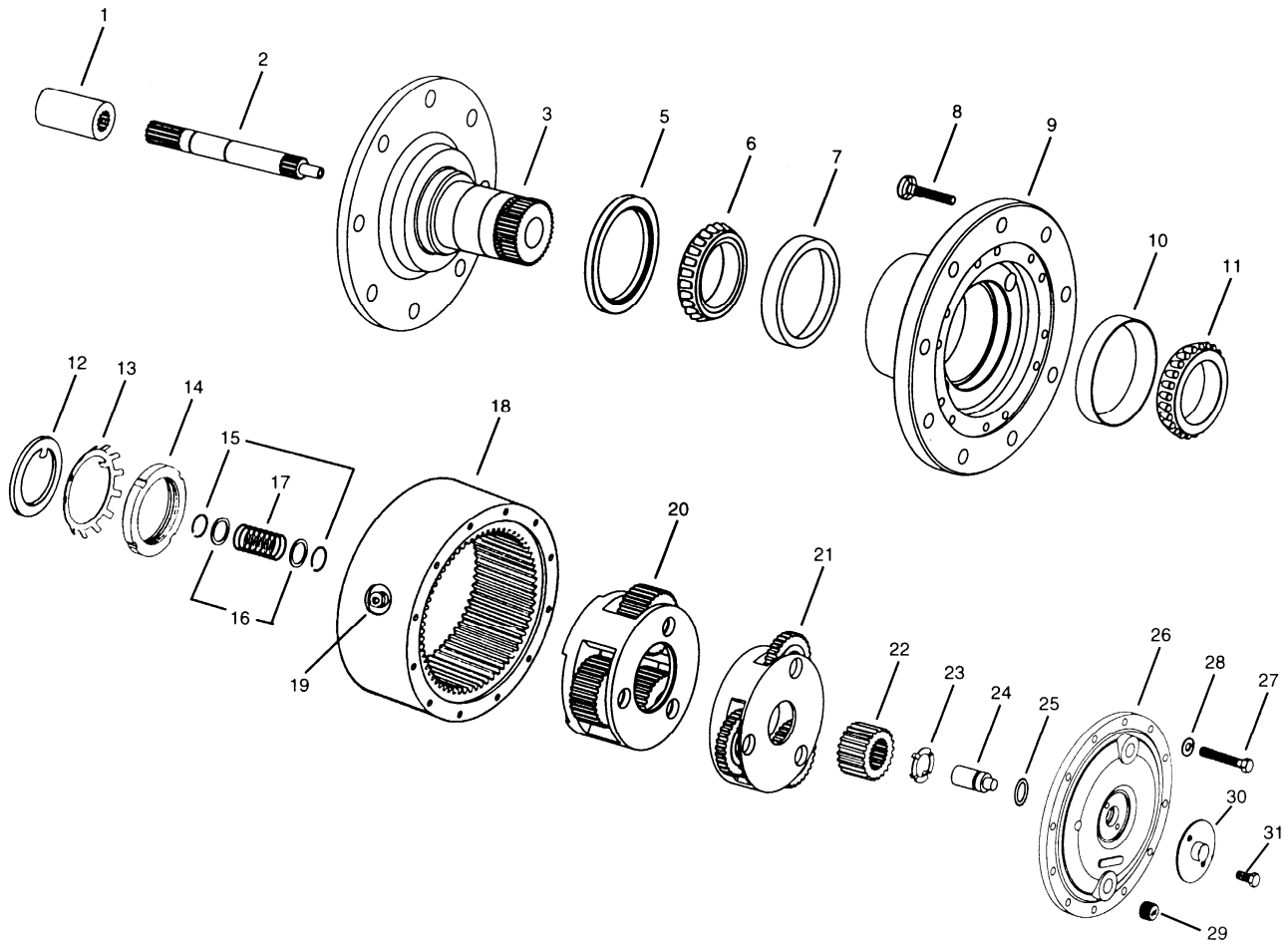
**MODEL 7 POWER WHEEL  
9350/4950/2950/8150 TWO-SPEED UNITS**



**MODEL 7 POWER WHEEL**  
**9350/4950/2950/8150 TWO-SPEED UNITS**

| REF                                                   | PART<br>NUMBER | DESCRIPTION                                                                                                                                                                              | QTY | SERIAL<br>NUMBER |
|-------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------|
| *                                                     | 111113         | DRIVE - power wheel, complete: Two-Speed Drive.....<br>Also includes brake components 45618, 45601 & 45619, (items 10-12<br>from pages 112,113) and O-ring 30045, (item 2 from page 99). | 2   |                  |
| <b>NOTE:</b> Quantities below are per drive assembly. |                |                                                                                                                                                                                          |     |                  |
| 1                                                     | 30181          | COUPLING - 13 teeth.....                                                                                                                                                                 | 1   |                  |
| 2                                                     | 111101         | SHAFT - input.....                                                                                                                                                                       | 1   |                  |
| 3                                                     | 111092         | SPINDLE - drive .....                                                                                                                                                                    | 1   |                  |
| 5                                                     | 111106         | SEAL - oil.....                                                                                                                                                                          | 1   |                  |
| 6                                                     | 111110         | BEARING - cone .....                                                                                                                                                                     | 1   |                  |
| 7                                                     | 111109         | BEARING - cup .....                                                                                                                                                                      | 1   |                  |
| 8                                                     | 21357          | BOLT - wheel, 9/16 NF .....                                                                                                                                                              | 9   |                  |
| 9                                                     | 30190          | BOLT - hex head, 3/8 NF x 1-7/8 inch Grade 8 .....                                                                                                                                       | 18  |                  |
| 10                                                    | 30191          | WASHER - flat.....                                                                                                                                                                       | 18  |                  |
| 11                                                    | 111098         | HUB - power wheel.....                                                                                                                                                                   | 1   |                  |
| 12                                                    | 111107         | BEARING - cup .....                                                                                                                                                                      | 1   |                  |
| 13                                                    | 111108         | BEARING - cone .....                                                                                                                                                                     | 1   |                  |
| 14                                                    | 111102         | WASHER - thrust.....                                                                                                                                                                     | 1   |                  |
| 15                                                    | 111091         | WASHER - lock .....                                                                                                                                                                      | 1   |                  |
| 16                                                    | 111095         | NUT - bearing .....                                                                                                                                                                      | 1   |                  |
| 17                                                    | 42765          | RING - retaining.....                                                                                                                                                                    | 2   |                  |
| 18                                                    | 30193          | WASHER.....                                                                                                                                                                              | 2   |                  |
| 19                                                    | 30194          | SPRING - disengage .....                                                                                                                                                                 | 1   |                  |
| 20                                                    | 111096         | GEAR - ring .....                                                                                                                                                                        | 1   |                  |
| 21                                                    | 111104         | CARRIER ASSEMBLY - secondary .....                                                                                                                                                       | 1   |                  |
| 22                                                    | 111103         | CARRIER ASSEMBLY - primary .....                                                                                                                                                         | 1   |                  |
| 23                                                    | 111094         | RING - retaining.....                                                                                                                                                                    | 1   |                  |
| 24                                                    | 111097         | GEAR - sun, primary.....                                                                                                                                                                 | 1   |                  |
| 25                                                    | 30200          | WASHER - thrust.....                                                                                                                                                                     | 1   |                  |
| 26                                                    | 111093         | PLUNGER - disengage .....                                                                                                                                                                | 1   |                  |
| 27                                                    | 111105         | O-RING.....                                                                                                                                                                              | 1   |                  |
| 28                                                    | 111090         | COVER - large.....                                                                                                                                                                       | 1   |                  |
| 29                                                    | 21526          | BOLT - hex head, 5/16 NC x 1-1/4 inch .....                                                                                                                                              | 8   |                  |
| 30                                                    | 30203          | PLUG - pipe, magnetic .....                                                                                                                                                              | 1   |                  |
| 31                                                    | 30205          | COVER - disengage .....                                                                                                                                                                  | 1   |                  |
| 32                                                    | 111099         | BOLT - hex head, 5/16 NC x 1/2 inch.....                                                                                                                                                 | 2   |                  |
|                                                       | 111457         | KIT - heavy-duty service, consists of:<br>Secondary Carrier Assembly (item 21)<br>Primary Carrier Assembly (similar to item 22)<br>Primary Sun Gear (similar to item 24)                 |     |                  |

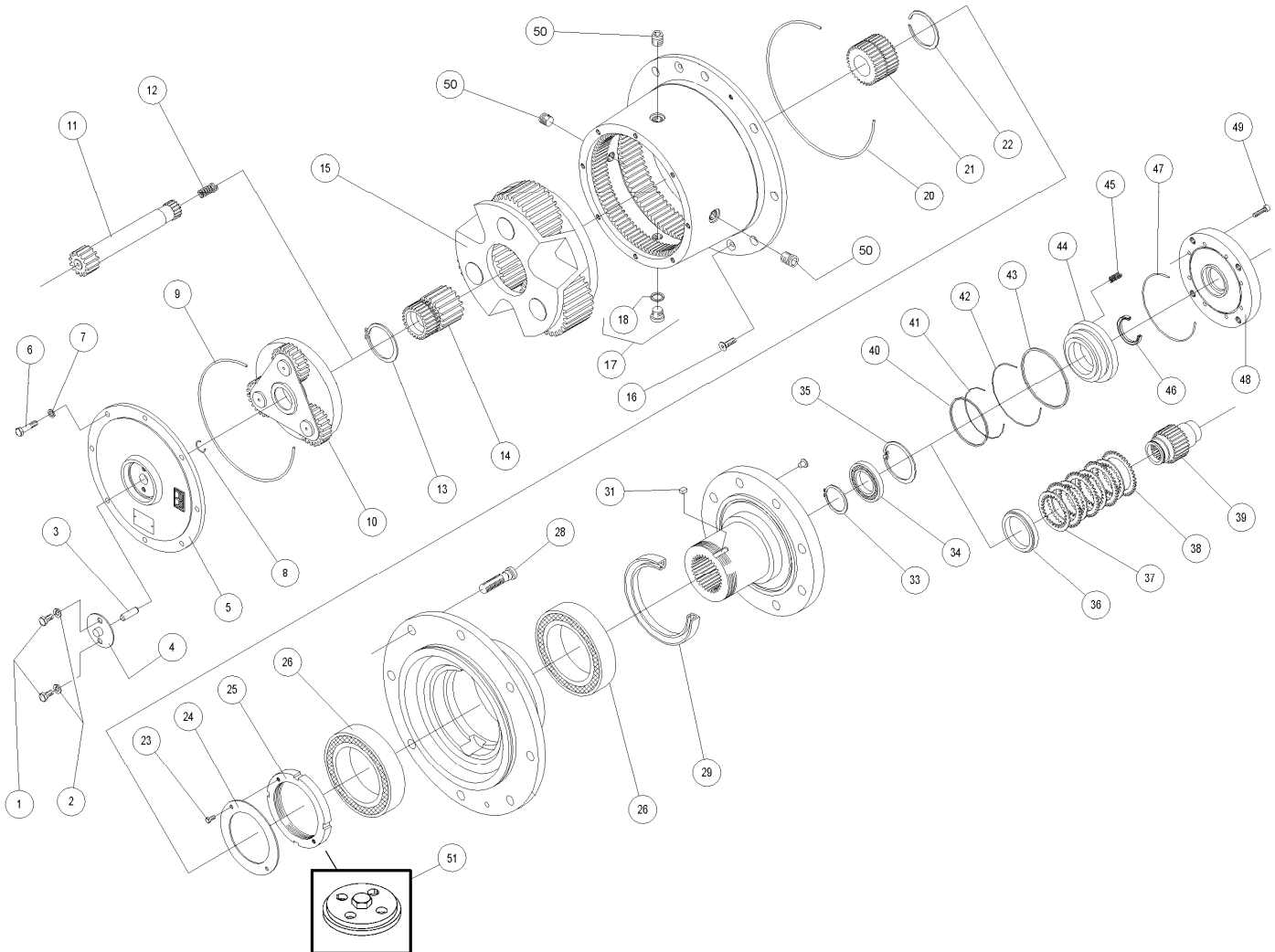
**MODEL 8B POWER WHEEL**  
**9352/4952/2952/8152 TWO-SPEED UNITS**



**MODEL 8B POWER WHEEL**  
**9352/4952/2952/8152 TWO-SPEED UNITS**

| REF | PART<br>NUMBER | DESCRIPTION                                                            | QTY<br>8B1 / 8B2 | SERIAL<br>NUMBER |
|-----|----------------|------------------------------------------------------------------------|------------------|------------------|
| *   | 111162         | DRIVE - power wheel Model 8B1, Auburn #60001339, (34.2:1 gear ratio).. | 2                | -138989          |
| *   | 111253         | DRIVE – power wheel Model 8B2, Auburn #60001356, (37.89:1 gear ratio)2 |                  | 138990-          |
|     |                | NOTE: Quantities below are per drive assembly.                         |                  |                  |
| 1   | 30181          | COUPLING - 13 teeth.....                                               | 1                |                  |
| 2   | 49865          | SHAFT - input.....                                                     | 1                |                  |
| 3   | 49878          | SPINDLE - drive .....                                                  | 1                |                  |
| 5   | 49885          | SEAL - oil.....                                                        | 1                |                  |
| 6   | 49884          | BEARING - cone .....                                                   | 1                |                  |
| 7   | 49883          | BEARING - cup .....                                                    | 1                |                  |
| 8   | 49880          | BOLT - wheel, 5/8 NF x 2-3/8 inch, Grade 8 .....                       | 8                |                  |
| 9   | 49868          | HUB - power wheel.....                                                 | 1                |                  |
| 10  | 49882          | BEARING - cup .....                                                    | 1                |                  |
| 11  | 49881          | BEARING - cone .....                                                   | 1                |                  |
| 12  | 49877          | WASHER – thrust.....                                                   | 1                |                  |
| 13  | 49876          | WASHER – lock .....                                                    | 1                |                  |
| 14  | 49875          | NUT – bearing .....                                                    | 1                |                  |
| 15  | 49872          | RING - retaining.....                                                  | 2                |                  |
| 16  | 49867          | WASHER - thrust.....                                                   | 2                |                  |
| 17  | 49866          | SPRING - disengage .....                                               | 1                |                  |
| 18  | 49869          | GEAR - ring .....                                                      | 1 / 0            | -138989          |
|     | 111258         | GEAR – ring .....                                                      | 0 / 1            | 138990-          |
| 19  | 30203          | PLUG - pipe, magnetic .....                                            | 1                |                  |
| 20  | 49870          | CARRIER ASSEMBLY - secondary .....                                     | 1 / 0            | -138989          |
|     | 111259         | CARRIER ASSEMBLY – secondary .....                                     | 0 / 1            | 138990-          |
| 21  | 49871          | CARRIER ASSEMBLY - primary.....                                        | 1 / 0            | -138989          |
|     | 111260         | CARRIER ASSEMBLY – primary.....                                        | 0 / 1            | 138990-          |
| 22  | 49873          | GEAR - sun, primary.....                                               | 1 / 0            | -138989          |
|     | 111261         | GEAR – sun, primary.....                                               | 0 / 1            | 138990-          |
| 23  | 30200          | WASHER - thrust.....                                                   | 1                |                  |
| 24  | 111093         | PLUNGER - disengage .....                                              | 1                |                  |
| 25  | 111105         | O-RING.....                                                            | 1                |                  |
| 26  | 49874          | COVER - large.....                                                     | 1                |                  |
| 27  | 49879          | BOLT - hex head, 3/8 NC x 6-1/2 inch Grade 8 .....                     | 12               |                  |
| 28  | 30191          | WASHER - flat.....                                                     | 12               |                  |
| 29  | 50231          | PLUG – pipe, hex socket, 1/4 NPT.....                                  | 1                |                  |
| 30  | 30205          | COVER - disengage .....                                                | 1                |                  |
| 31  | 111099         | BOLT - hex head, 5/16 NC x 1/2 inch.....                               | 2                |                  |

**MODEL RR POWER HUB**  
**9352i/9352c, 4952i/4952c, 2952i/2952c, 8152i/8152c TWO-SPEED UNITS**

**NOTES:**

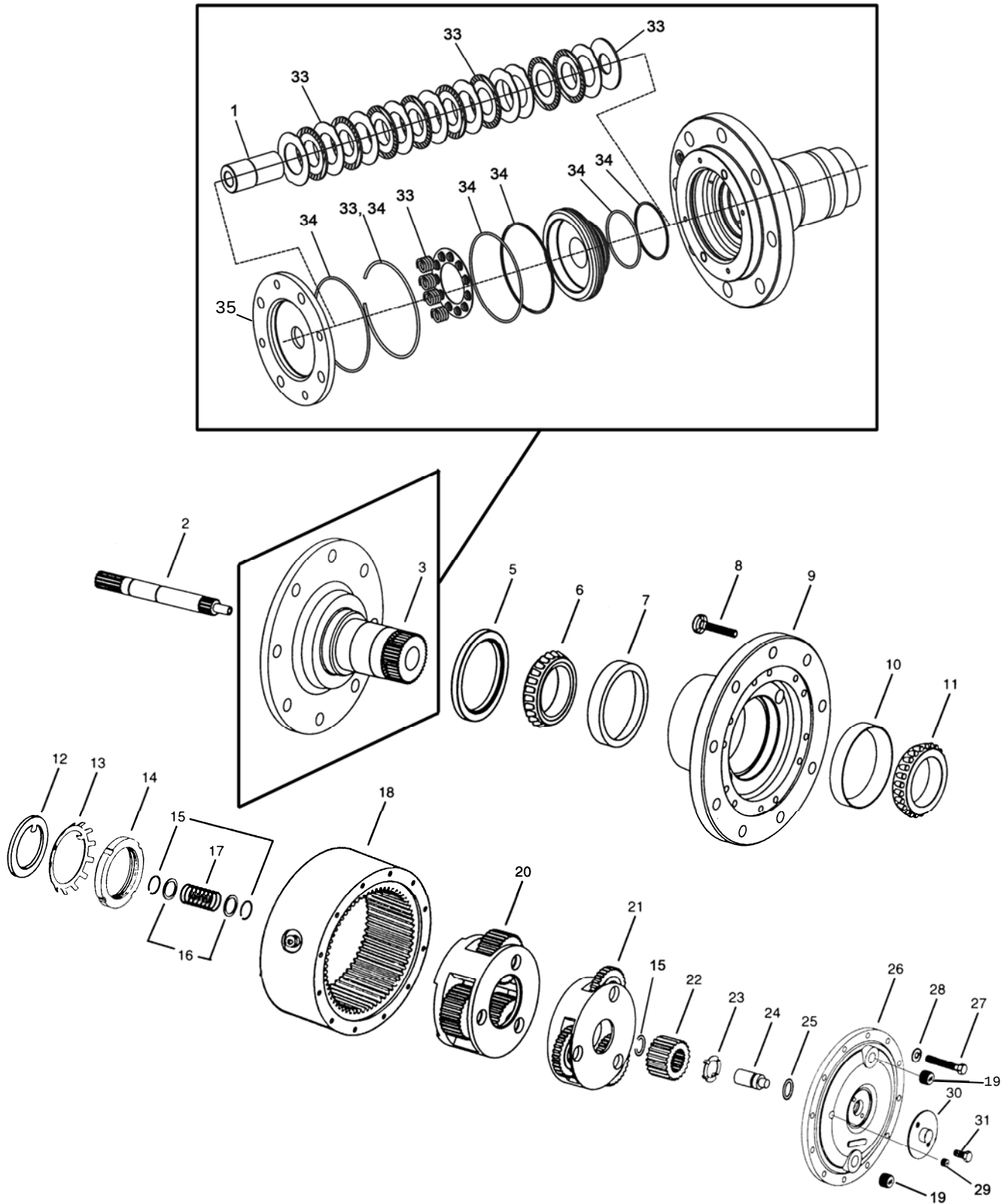
- 1) When replacing complete wheel drive unit, also order 1 of item 17, magnetic plug complete with washer and replace one steel plug (item 50) with magnetic plug & washer.
- 2) RR Power Hub 111265 may not be available as a replacement unit. Kit 167341 with Auburn Power Wheel may be substituted. See pages 109 A and 109 B for serviced components of Auburn Power Wheel 60001981

**MODEL RR POWER HUB**  
**9352i/9352c, 4952i/4952c, 2952i/2952c, 8152i/8152c TWO-SPEED UNITS**

| REF | PART<br>NUMBER | DESCRIPTION                                                                                                                                                                                          | QTY | SERIAL<br>NUMBER |
|-----|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------|
| *   | 111265         | DRIVE - power hub, hydraulic brake (37.68:1 gear ratio) .....<br>RR Transmissions, model RMN-810D<br>(Includes items 1-49, see note 1: re item 17)<br>NOTE: Quantities below are per drive assembly. | 2   |                  |
| 1   | 111489         | SCREW – M8x12 hex head .....                                                                                                                                                                         | 2   |                  |
| 2   | 30716          | WASHER – lock, M8 .....                                                                                                                                                                              | 2   |                  |
| 3   | 111488         | PIN – cylindrical .....                                                                                                                                                                              | 1   |                  |
| 4   | 111474         | COVER – disengagement .....                                                                                                                                                                          | 1   |                  |
| 5   | 111473         | COVER – closing .....                                                                                                                                                                                | 1   |                  |
| 6   | 50140          | SCREW – M8x30 hex head .....                                                                                                                                                                         | 8   |                  |
| 7   | 30634          | WASHER – flat, M8 .....                                                                                                                                                                              | 8   |                  |
| 8   | **             | O-RING – power hub .....                                                                                                                                                                             | 1   |                  |
| 9   | 167028         | ** O-RING – power hub .....                                                                                                                                                                          | 1   |                  |
| 10  | 111470         | ASSEMBLY – planetary .....                                                                                                                                                                           | 1   |                  |
| 11  | 111472         | SHAFT – pinion .....                                                                                                                                                                                 | 1   |                  |
| 12  | 111477         | SPRING – disengagement .....                                                                                                                                                                         | 1   |                  |
| 13  | 111483         | RING – retaining, external .....                                                                                                                                                                     | 1   |                  |
| 14  | 111475         | GEAR – sun .....                                                                                                                                                                                     | 1   |                  |
| 15  | 111468         | ASSEMBLY – planetary .....                                                                                                                                                                           | 1   |                  |
| 16  | 111491         | SCREW – power hub .....                                                                                                                                                                              | 2   |                  |
| 17  | 111618         | PLUG – magnetic, with washer seal item 18 (see note 1) .....                                                                                                                                         | 1   |                  |
| 18  | 111497         | WASHER – power hub .....                                                                                                                                                                             | 1   |                  |
| 20  | **             | O-RING – power hub .....                                                                                                                                                                             | 1   |                  |
| 21  | 111471         | COUPLING – power hub .....                                                                                                                                                                           | 1   |                  |
| 22  | 111490         | RING – retaining .....                                                                                                                                                                               | 1   |                  |
| 23  | 111496         | SCREW – power hub .....                                                                                                                                                                              | 2   |                  |
| 24  | 111476         | SPACER – power hub .....                                                                                                                                                                             | 1   |                  |
| 25  | 111495         | NUT – ring .....                                                                                                                                                                                     | 1   |                  |
| 26  | 111434         | BEARING – tapered roller .....                                                                                                                                                                       | 2   |                  |
| 28  | 111494         | STUD – wheel mount .....                                                                                                                                                                             | 8   |                  |
| 29  | 111779         | SEAL – shaft, combi-style .....                                                                                                                                                                      | 1   |                  |
| 31  | 111493         | KEY – power hub .....                                                                                                                                                                                | 1   |                  |
| 33  | 111485         | RING – retaining, external .....                                                                                                                                                                     | 1   |                  |
| 34  | 111435         | BEARING – ball .....                                                                                                                                                                                 | 1   |                  |
| 35  | 111484         | RING – retaining, internal .....                                                                                                                                                                     | 1   |                  |
| 36  | 111499         | SPACER – brake disc .....                                                                                                                                                                            | 1   |                  |
| 37  | 111432         | DISC – steel, brake .....                                                                                                                                                                            | 8   |                  |
| 38  | 111433         | DISC – sintered, brake .....                                                                                                                                                                         | 9   |                  |
| 39  | 111478         | SHAFT – input .....                                                                                                                                                                                  | 1   |                  |
| 40  | **             | RING – back up .....                                                                                                                                                                                 | 1   |                  |
| 41  | **             | O-RING – power hub .....                                                                                                                                                                             | 1   |                  |
| 42  | **             | O-RING – power hub .....                                                                                                                                                                             | 1   |                  |
| 43  | **             | RING – back up .....                                                                                                                                                                                 | 1   |                  |
| 44  | 111480         | PISTON – brake .....                                                                                                                                                                                 | 1   |                  |
| 45  | 111479         | SPRING – brake .....                                                                                                                                                                                 | 6   |                  |
| 46  | **             | SEAL – oil, power hub .....                                                                                                                                                                          | 1   |                  |
| 47  | **             | O-RING – power hub .....                                                                                                                                                                             | 1   |                  |
| 48  | 111481         | FLANGE – motor .....                                                                                                                                                                                 | 1   |                  |
| 49  | 111492         | SCREW – power hub .....                                                                                                                                                                              | 8   |                  |
| 50  | 111469         | PLUG – steel tap .....                                                                                                                                                                               | 3   |                  |
| 51  | 138002         | TOOL – ring nut wrench .....                                                                                                                                                                         | A/R |                  |
| **  | 111778         | KIT – seal, power hub, includes all items marked ** .....<br>NOTE: Does not include item 29.                                                                                                         | 1   |                  |

**NOTES:** See facing page.

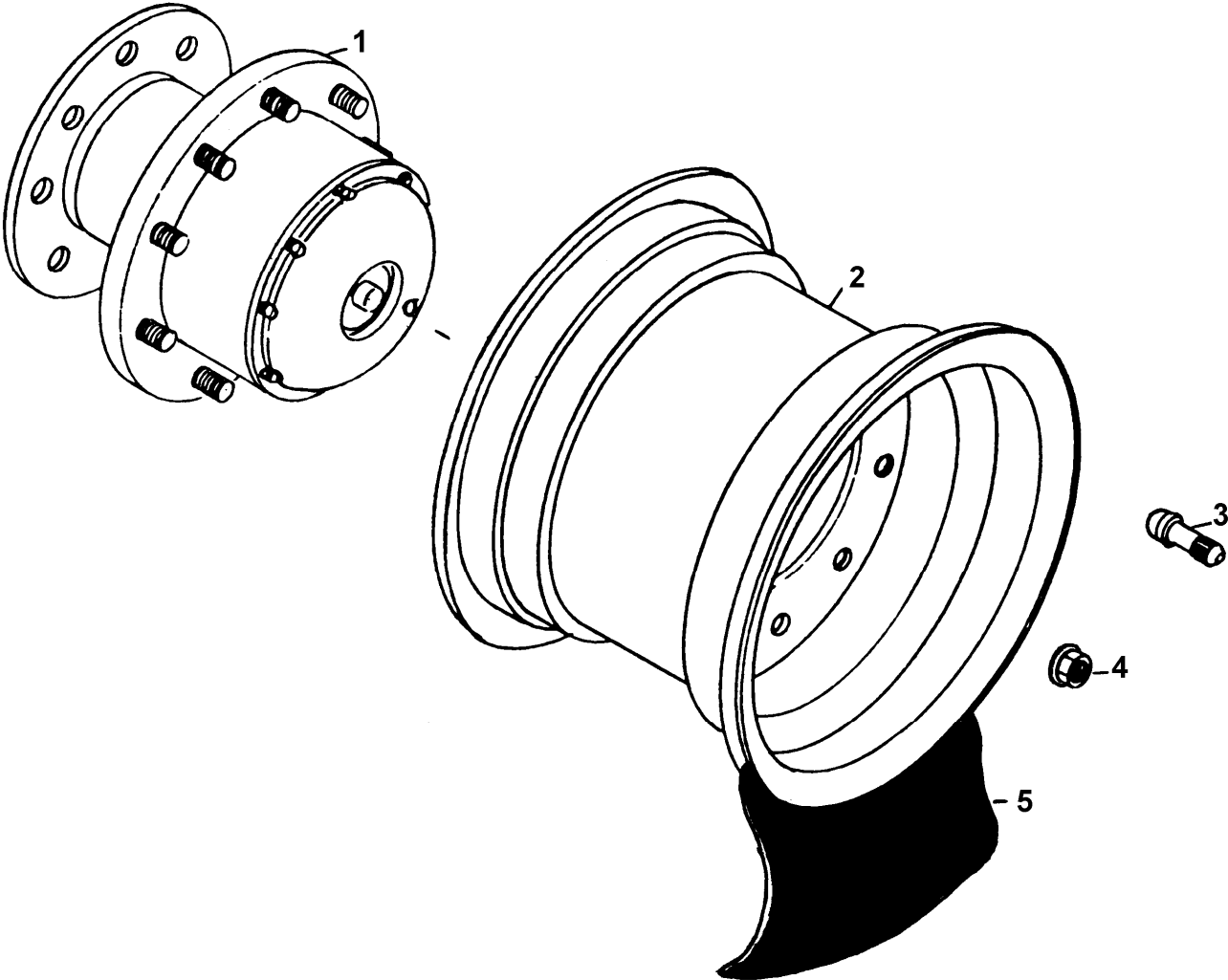
AUBURN REPLACEMENT WHEEL FOR RR POWER HUB



# AUBURN REPLACEMENT WHEEL FOR RR POWER HUB

| REF | PART<br>NUMBER | DESCRIPTION                                                                                        | QTY | SERIAL<br>NUMBER |
|-----|----------------|----------------------------------------------------------------------------------------------------|-----|------------------|
|     | <b>167341</b>  | <b>KIT - AUBURN REPLACEMENT WHEEL FOR RR POWER HUB</b><br>See pages 99 A & 99 B for kit bracketry. |     |                  |
|     |                | NOTE: Quantities below are per drive assembly                                                      |     |                  |
| 1   | 166175         | COUPLER – spindle assembly.....                                                                    | 1   |                  |
| 2   | 162246         | SHAFT - input .....                                                                                | 1   |                  |
| 3   | 166285         | SPINDLE - drive assembly, includes items 1 & items 33-35 .....                                     | 1   |                  |
| 5   | 163753         | SEAL - oil .....                                                                                   | 1   |                  |
| 6   | 163752         | BEARING - cone .....                                                                               | 1   |                  |
| 7   | 163751         | BEARING - cup .....                                                                                | 1   |                  |
| 8   | 49880          | BOLT - wheel, 5/8 NF x 2-3/8 inch, Grade 8 .....                                                   | 8   |                  |
| 9   | 166286         | HUB - power wheel .....                                                                            | 1   |                  |
| 10  | 163750         | BEARING - cup .....                                                                                | 1   |                  |
| 11  | 163749         | BEARING - cone .....                                                                               | 1   |                  |
| 12  | 163747         | WASHER – thrust.....                                                                               | 1   |                  |
| 13  | 163746         | WASHER – lock .....                                                                                | 1   |                  |
| 14  | 163745         | NUT – bearing .....                                                                                | 1   |                  |
| 15  | 49872          | RING - retaining .....                                                                             | 3   |                  |
| 16  | 49867          | WASHER - thrust.....                                                                               | 2   |                  |
| 17  | 49866          | SPRING - disengage .....                                                                           | 1   |                  |
| 18  | 111258         | GEAR - ring .....                                                                                  | 1   |                  |
| 19  | 30203          | PLUG - pipe, magnetic .....                                                                        | 2   |                  |
| 20  | 111259         | CARRIER ASSEMBLY - secondary .....                                                                 | 1   |                  |
| 21  | 111260         | CARRIER ASSEMBLY - primary .....                                                                   | 1   |                  |
| 22  | 111261         | GEAR - sun, primary.....                                                                           | 1   |                  |
| 23  | 30200          | WASHER - thrust.....                                                                               | 1   |                  |
| 24  | 111093         | PLUNGER - disengage .....                                                                          | 1   |                  |
| 25  | 111105         | O-RING .....                                                                                       | 1   |                  |
| 26  | 49874          | COVER - large .....                                                                                | 1   |                  |
| 27  | 49879          | BOLT - hex head, 3/8 NC x 6-1/2 inch Grade 8 .....                                                 | 12  |                  |
| 28  | 30191          | WASHER - flat .....                                                                                | 12  |                  |
| 29  | 50231          | PLUG – pipe, hex socket, 1/4 NPT .....                                                             | 1   |                  |
| 30  | 30205          | COVER - disengage .....                                                                            | 1   |                  |
| 31  | 111099         | BOLT - hex head, 5/16 NC x 1/2 inch .....                                                          | 2   |                  |
| 33  | 163755         | KIT – FRICTION DISC.....                                                                           | AR  |                  |
| 34  | 163756         | KIT - SEAL.....                                                                                    | AR  |                  |
| 35  | 163763         | PLATE – end, spindle assembly .....                                                                | 1   |                  |

DRIVE WHEELS & TIRES

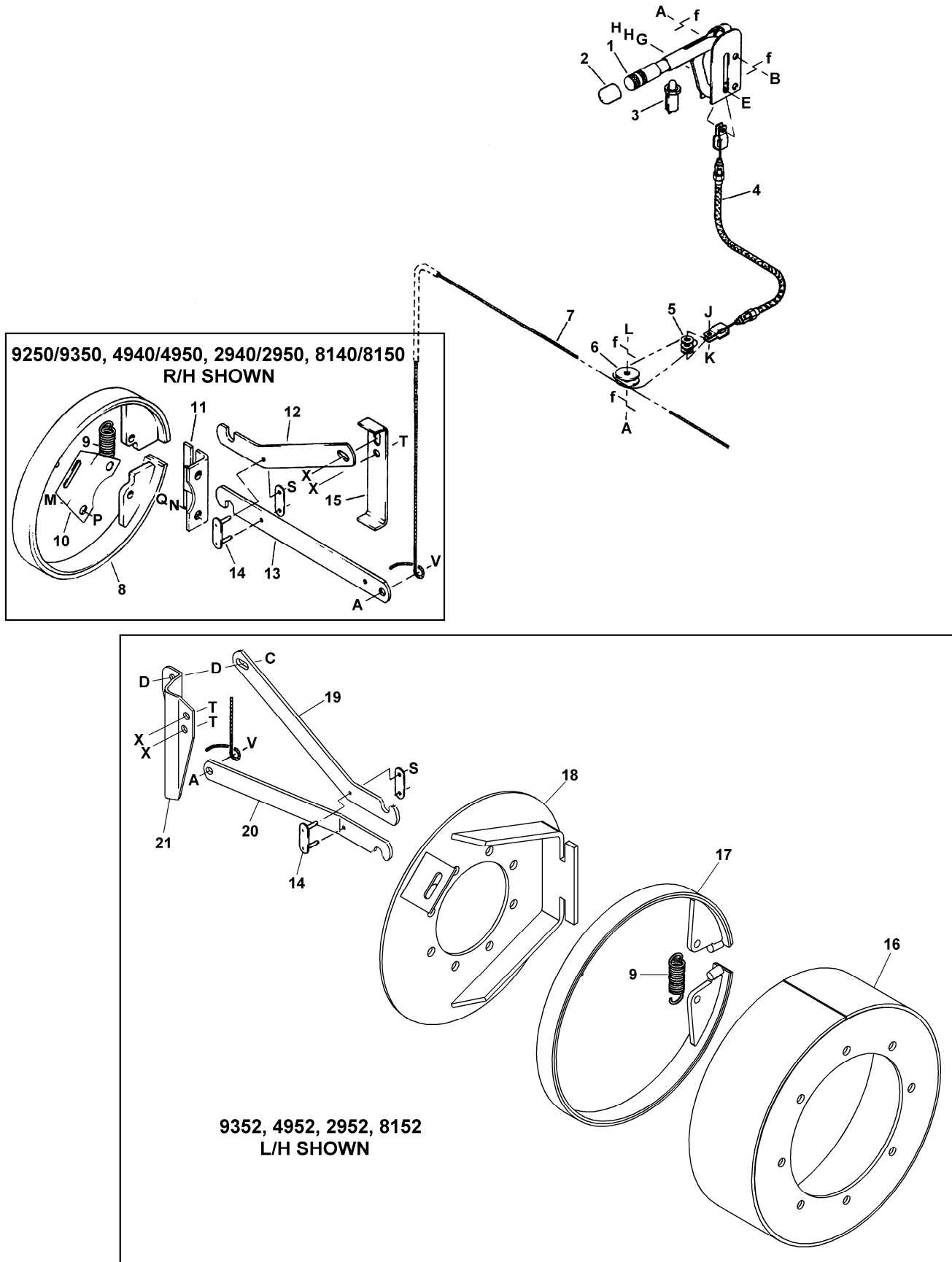


## DRIVE WHEELS &amp; TIRES

| REF | PART<br>NUMBER | DESCRIPTION                                                                     | QTY | SERIAL<br>NUMBER |
|-----|----------------|---------------------------------------------------------------------------------|-----|------------------|
| 1   | REF            | See "Power Wheel", page 103, 105 or 107 .....                                   | 2   |                  |
| 2   | 111034         | WHEEL - 16.1 x W16C .....                                                       | 2   | -134349          |
|     | 111207         | ● WHEEL – 16.1 x W16C, with decal and wheel nuts 135003 .....                   | 2   | 134350-          |
|     | 111222         | ■ WHEEL – 24 x 12, for 14.9-24 tire, with decals .....                          | 2   |                  |
|     | 111223         | ■ WHEEL – 24 x 15, for 19.5L-24 and radial R24 tires, with decals .....         | 2   | -150558          |
|     | 111373         | ■ WHEEL – 24 DW-16L, for 560-65D24 and radial R24 tires, with decals .....      | 2   |                  |
| 3   | 21153          | STEM – valve, used with wheels 111034, 111207 and 111222 .....                  | 2   |                  |
|     | 112475         | STEM – valve, used with wheels 111223 and 111373 .....                          | 2   |                  |
| 4   | 21358          | NUT - wheel, 9/16 NF .....                                                      | 18  | -134349          |
|     | 135003         | ● NUT – flange, 9/16 NF .....                                                   | 18  | 134350-          |
|     | 111179         | ■ NUT – flange, 5/8 NF .....                                                    | 16  |                  |
| 5   | 111144         | ● TIRE – 21.5L-16.1, I-2: Goodyear 10 ply, "Sof Trac II" turf tread .....       | 2   |                  |
|     | 111145         | ● TIRE – 21.5L-16.1, R-3: Firestone 10 ply, "Turf & Field" turf tread .....     | 2   |                  |
|     | 112146         | ● TIRE - 21.5L-16.1, I3: Goodyear 12 ply "Sure Grip" traction (bar) tread ..... | 2   |                  |
|     | 111203         | ■ TIRE – 14.9-24, R-4: Goodyear 12 ply bar tread .....                          | 2   |                  |
|     | 111205         | ■ TIRE – 19.5L-24, R-4: Goodyear 8 ply bar tread .....                          | 2   | -150558          |
|     | 111206         | ■ TIRE – 19.5L-24, I-2: Goodyear 10 ply, "Sof Trac II" turf tread .....         | 2   | -150558          |
|     | 111372         | ■ TIRE – 560-65D24, Goodyear "Sof Trac II" turf tread .....                     | 2   |                  |
|     | 111251         | ■ TIRE – radial 540-65R24, deep bar tread: Michelin .....                       | 2   |                  |
|     | 111252         | ■ TIRE – radial 540-65R24, deep bar tread: Firestone .....                      | 2   |                  |
|     | 111795         | ■ TIRE – radial 540-65R24, deep bar tread: Goodyear .....                       | 2   |                  |
|     | 111254         | ■ TIRE – radial 500-70R24, bar tread: Goodyear .....                            | 2   |                  |

- - MacDon 9250/9350, Westward 9250/9350, Prairie Star 4940/4950, Premier 2940/2950, Harvest Pro 8140/8150
- - MacDon 9352i/9352c, Westward 9352i/9352ic, Prairie Star 4952i/4952c, Premier 2952i/2952c  
Harvest Pro 8152i/8152c

# BRAKE ASSEMBLY – CUMMINS ENGINE TRACTORS (except xx52c models)

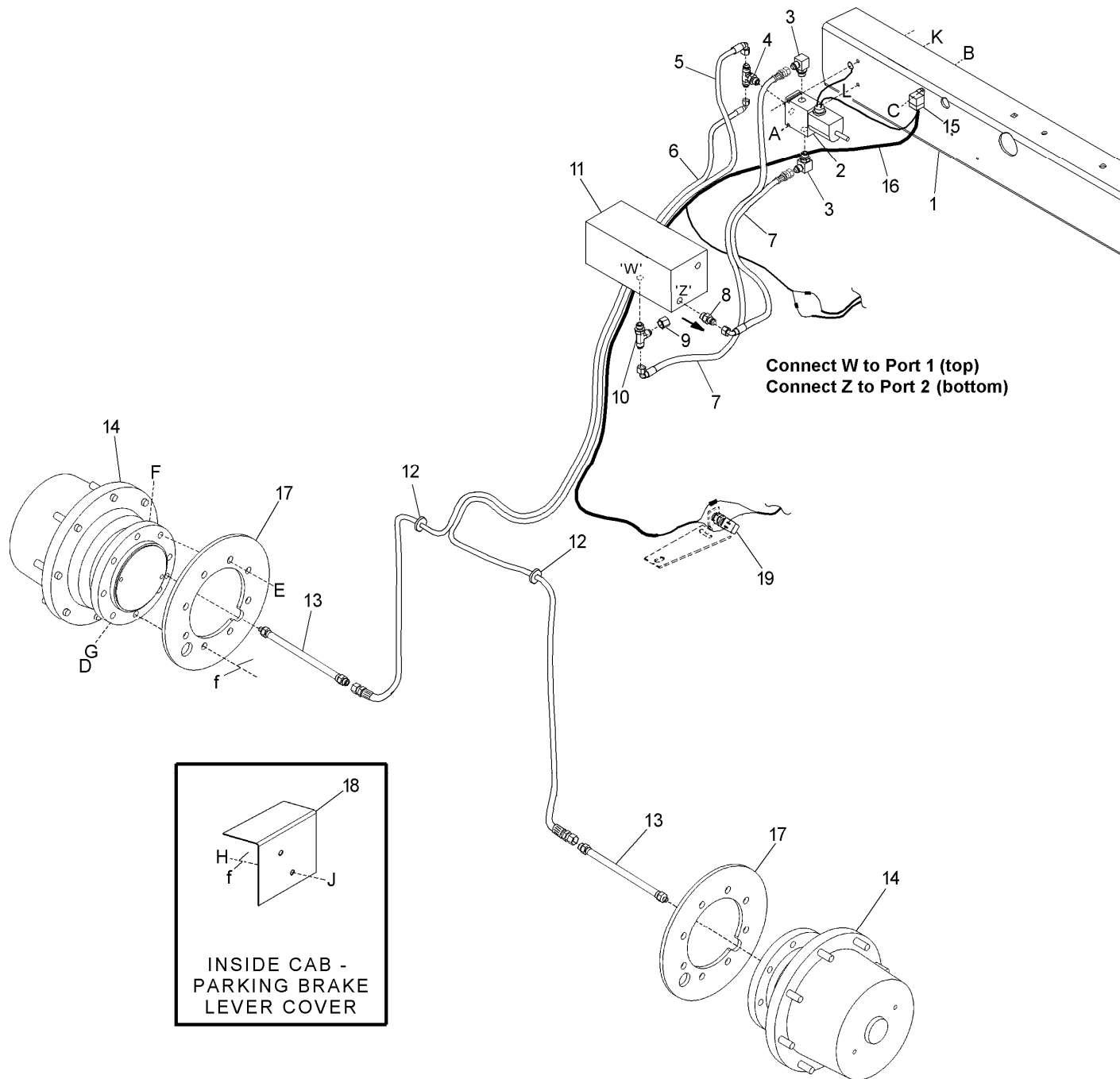


**BRAKE ASSEMBLY – CUMMINS ENGINE TRACTORS (except xx52c models)**

| REF | PART<br>NUMBER | DESCRIPTION                                                          | QTY | SERIAL<br>NUMBER |
|-----|----------------|----------------------------------------------------------------------|-----|------------------|
| 1   | 42034          | LEVER ASSEMBLY - brake, with spacers .....                           | 1   |                  |
| 2   | 42202          | GRIP - orange.....                                                   | 1   |                  |
| 3   | 21943          | SWITCH - electrical .....                                            | 1   |                  |
| 4   | 42496          | CABLE ASSEMBLY .....                                                 | 1   |                  |
| 5   | 18598          | WASHER - flat.....                                                   | 3   |                  |
| 6   | 16652          | WASHER - flat.....                                                   | 2   |                  |
| 7   | 44305          | CABLE - wire .....                                                   | 1   |                  |
| 8   | 45630          | ● BAND ASSEMBLY – brake .....                                        | 2   |                  |
| 9   | 25321          | SPRING - extension .....                                             | 2   |                  |
| 10  | 45618          | ● SUPPORT - brake band .....                                         | 2   |                  |
| 11  | 45601          | ● BRACKET - brake band .....                                         | 2   |                  |
| 12  | 45964          | ● LEVER – upper (was 45619).....                                     | 2   |                  |
| 13  | 45965          | ● LEVER – lower (was 44321) .....                                    | 2   |                  |
| 14  | 30579          | LINK - connector.....                                                | 2   |                  |
| 15  | 44322          | ● BAR - support .....                                                | 2   |                  |
| 16  | 111186         | ■ DRUM – brake .....                                                 | 2   |                  |
| 17  | 111184         | ■ BAND ASSEMBLY – brake .....                                        | 2   |                  |
| 18  | 111192         | ■ SUPPORT – brake band, left .....                                   | 1   |                  |
|     | 111193         | ■ SUPPORT – brake band, right .....                                  | 1   |                  |
| 19  | 112281         | ■ LEVER – upper.....                                                 | 2   |                  |
| 20  | 111198         | ■ LEVER – lower, left .....                                          | 1   |                  |
|     | 112282         | ■ LEVER – lower, right .....                                         | 1   |                  |
| 21  | 111199         | ■ SUPPORT – lever, left.....                                         | 1   |                  |
|     | 112283         | ■ SUPPORT – lever, right .....                                       | 1   |                  |
| A   | 30228          | NUT - lock, smooth flange, 3/8 NC distorted thread                   |     |                  |
| B   | 21470          | BOLT - round head, square neck, 3/8 NC x 2 inch                      |     |                  |
| C   | 21491          | BOLT – hex head, 1/2 NC x 1-1/4 inch                                 |     |                  |
| D   | 21056          | NUT – hex jam, 1/2 NC                                                |     |                  |
| E   | 21488          | BOLT - round head, square neck, 5/16 NC x 1-3/4 inch                 |     |                  |
| G   | 18597          | WASHER - flat, 11/32 inch I.D.                                       |     |                  |
| H   | 18589          | NUT - hex, 5/16 NC                                                   |     |                  |
| J   | 21558          | BOLT - hex head, 5/16 NC x 3/4 inch                                  |     |                  |
| K   | 18690          | NUT - lock, 5/16 NC distorted thread                                 |     |                  |
| L   | 19966          | BOLT - round head, square neck, 3/8 NC x 1-1/4 inch                  |     |                  |
| M   | 21594          | BOLT – hex head, 5/8 NC x 1-1/2 inch – Single Speed Units            |     |                  |
|     | 21582          | BOLT - hex head, 5/8 NC x 1-3/4 inch – Two Speed Units               |     |                  |
| N   | 18639          | WASHER - lock, 5/8 inch ID .....                                     |     | -134349          |
|     | 30441          | WASHER – hardened, 5/8 inch ID .....                                 |     | 134350-          |
| P   | 18666          | NUT - lock, 5/8 NC, distorted thread                                 |     |                  |
| Q   | 21587          | BOLT – hex head, 5/8 NC x 2 inch – Single Speed Units .....          |     | -134349          |
|     | 30861          | BOLT – hex head, 5/8 NF x 2 inch, Grade 8 – Single Speed Units.....  |     | 134350-          |
|     | 30664          | BOLT – hex head, 5/8 NC x 2-1/4 inch – Two Speed Units .....         |     | -134349          |
|     | 112280         | BOLT – hex head, 5/8 NF x 2-1/4 inch, Grade 8 – Two Speed Units..... |     | 134350-          |
| S   | 21256          | NUT - spring, 1/4 inch                                               |     |                  |
| T   | 18697          | NUT - lock, 1/2 NC distorted thread                                  |     |                  |
| V   | 21821          | BOLT - flange head, 3/8 NC x 3/4 inch                                |     |                  |
| X   | REF            | BOLT - welded to tractor leg                                         |     |                  |
| ~ f | REF            | Indicates where hardware passes through frame member.                |     |                  |

- - MacDon 9250/9350, Westward 9250/9350, Prairie Star 4940/4950, Premier 2940/2950, Harvest Pro 8140/8150
- - MacDon 9352, Westward 9352, Prairie Star 4952, Premier 2952, Harvest Pro 8152

## BRAKE ASSEMBLY – XX52i &amp; XX52c TRACTORS

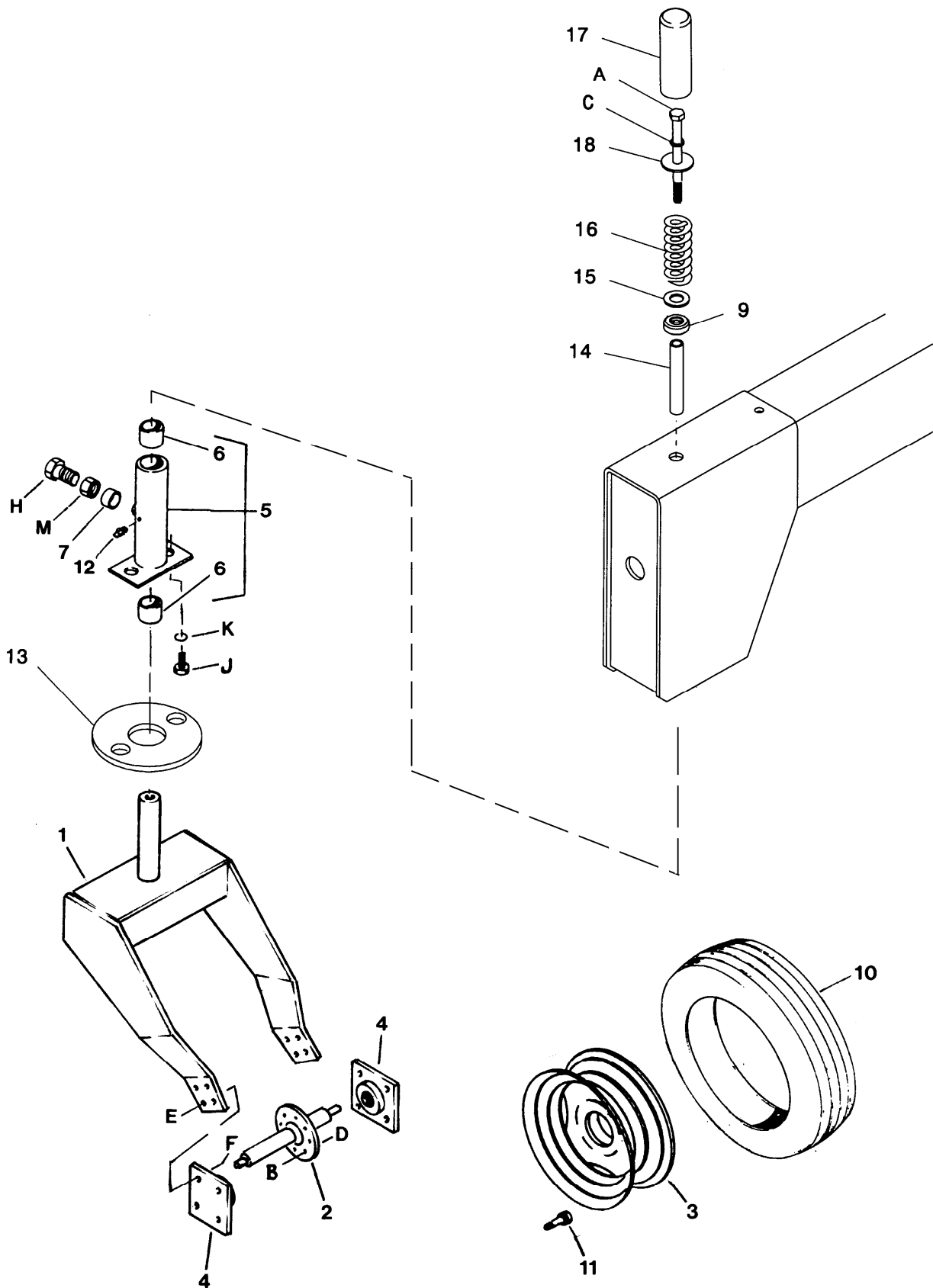


**BRAKE ASSEMBLY – XX52i & XX52c TRACTORS**

| REF | PART<br>NUMBER | DESCRIPTION                                                             | QTY | SERIAL<br>NUMBER |
|-----|----------------|-------------------------------------------------------------------------|-----|------------------|
| 1   | REF            | FRAME – cross member (not serviced) .....                               | 1   |                  |
| 2   | 111345         | VALVE – brake release valve (includes block, valve, & coil).....        | 1   |                  |
|     | 45114          | VALVE – 3W 2P (port S-2) .....                                          | 1   |                  |
|     | 111225         | COIL – DS, 12VDC (was 45104).....                                       | 1   |                  |
|     | 45103          | KIT – SEAL – for valve .....                                            | 1   |                  |
| 3   | 30282          | FITTING – hydraulic, elbow .....                                        | 2   |                  |
| 4   | 30874          | FITTING – hydraulic, tee .....                                          | 1   |                  |
| 5   | 111341         | HOSE – hydraulic .....                                                  | 1   |                  |
| 6   | 111342         | HOSE - hydraulic .....                                                  | 1   |                  |
| 7   | 111340         | HOSE - hydraulic .....                                                  | 2   |                  |
| 8   | 112997         | FITTING – check valve .....                                             | 1   |                  |
| 9   | 30813          | FITTING – hydraulic, cap.....                                           | 1   |                  |
| 10  | 30286          | FITTING – hydraulic, tee .....                                          | 1   |                  |
| 11  | REF            | VALVE – cylinder control block, with reel lift .....                    | 1   |                  |
| 12  | 112520         | GROMMET – rubber.....                                                   | 2   |                  |
| 13  | 111339         | HOSE – hydraulic .....                                                  | 2   |                  |
| 14  | 111265         | DRIVE – power hub, see “RR Power Hub” page 109 for service parts .....  | 2   |                  |
| 15  | 30215          | RELAY – electrical.....                                                 | 1   |                  |
| 16  | 111343         | HARNESS – electrical (for brake release valve item 2) (see Note 1)..... | 1   | 145321-145324    |
| 17  | 111338         | SPACER – plate, (between leg and power hub) .....                       | 2   |                  |
| 18  | 109253         | COVER – parking brake lever mount .....                                 | 1   |                  |
| 19  | REF            | SWITCH – neutral, see “Neutral Interlock & Pintle Arms” .....           | 1   |                  |
| A   | 30638          | BOLT – hex head, 1/4 NC x 2-1/4 inch                                    |     |                  |
| B   | 18588          | NUT – hex, 1/4 NC                                                       |     |                  |
| C   | 21572          | BOLT – hex head, 1/4 NC x 3/4 inch                                      |     |                  |
| D   | 135025         | BOLT – hex head, 5/8 NF x 2-1/2 inch                                    |     |                  |
| E   | 21587          | BOLT – hex head, 5/8 NC x 2 inch                                        |     |                  |
| F   | 18666          | NUT – hex, lock, 5/8 NC                                                 |     |                  |
| G   | 30441          | WASHER – hardened, 5/8 inch ID                                          |     |                  |
| H   | 21863          | BOLT – round head, square neck, 3/8 NC x 3/4 inch                       |     |                  |
| J   | 18590          | NUT – hex, lock, 3/8 NC                                                 |     |                  |
| K   | 21455          | NUT – lock, serrated flange, 1/4 NC                                     |     |                  |
| L   | 18596          | WASHER – flat, 9/32 inch ID                                             |     |                  |

**NOTES:** 1. Brake wiring harness has been added into main tractor wiring harness for serial numbers 145324 and newer.

9250/9350, 4940/4950, 2940/2950, 8140/8150 TRACTOR  
16.5 FORKED CASTERS



**9250/9350, 4940/4950, 2940/2950, 8140/8150 TRACTOR  
16.5 FORKED CASTERS**

| REF | PART<br>NUMBER | DESCRIPTION                                                                                                             | QTY | SERIAL<br>NUMBER |
|-----|----------------|-------------------------------------------------------------------------------------------------------------------------|-----|------------------|
| 1   | 44748          | CASTER - forked, for 16.5 tires .....                                                                                   | 2   |                  |
| 2   | 107006         | SHAFT – spindle (was 44760), includes nuts 21358 (8) .....                                                              | 2   | -138024*         |
|     | 107197         | SHAFT – spindle, includes bolts “D” .....                                                                               | 2   | 138025-*         |
| 3   | 45297          | WHEEL - 16.1 x W11C, for 16.5 tire (with 3-1/16” offset mounting) .....                                                 | 2   | -138024*         |
|     | 111216         | WHEEL – 16.1 x W11C, for 16.5 tire (with 1-1/2” offset mounting) .....                                                  | 2   | 138025-*         |
| 4   | 42038          | BEARING ASSEMBLY - flange with bearing .....                                                                            | 4   | -138024          |
|     | 107200         | BEARING ASSEMBLY – flange with bearing .....                                                                            | 4   | 138025-          |
|     | 21859          | BEARING - insert for assembly 42038 or 107200 .....                                                                     | 4   |                  |
| 5   | 25575          | PIVOT - caster, with bushings .....                                                                                     | 2   |                  |
| 6   | 25579          | BUSHING .....                                                                                                           | 4   |                  |
| 7   | 4267           | SPACER .....                                                                                                            | 2   |                  |
| 9   | 21215          | BEARING - thrust .....                                                                                                  | 2   |                  |
| 10  | 39273          | TIRE - 16.5L-16.1, eight ply 11 Rib Implement .....                                                                     | 2   |                  |
| 11  | 21153          | STEM - valve .....                                                                                                      | 2   |                  |
| 12  | 18671          | FITTING - lube .....                                                                                                    | 2   |                  |
| 13  | 112002         | PLATE - friction .....                                                                                                  | 2   |                  |
| 14  | 35298          | SPACER - tube .....                                                                                                     | 2   |                  |
| 15  | 18601          | WASHER - flat, 13/16 inch I.D. ....                                                                                     | 2   |                  |
| 16  | 112003         | SPRING - compression .....                                                                                              | 2   |                  |
| 17  | 112008         | CAP - plastic .....                                                                                                     | 2   |                  |
| 18  | 42592          | WASHER - flat .....                                                                                                     | 2   |                  |
|     | B 1570         | KIT - anti-shimmy, includes two each of items 13 to 18 and hardware A and C.<br>(Kit available through WholeGoods only) |     |                  |
| A   | 30267          | BOLT - hex head, 1/2 NC x 6 inch                                                                                        |     |                  |
| B   | 21469          | BOLT - round head, square neck 1/2 NC x 1-1/2 inch .....                                                                |     | -138024          |
|     | 21358          | NUT – wheel, 9/16 NF .....                                                                                              |     | 138025-          |
| C   | 18638          | WASHER - lock, 1/2 inch ID                                                                                              |     |                  |
| D   | 50186          | NUT - lock, smooth flange, 1/2 NC distorted thread .....                                                                |     | -138024          |
|     | 21357          | BOLT – wheel, 9/16 NF x 1-7/8 inch .....                                                                                |     | 138025-          |
| E   | 21565          | BOLT – hex head, 1/2 NC x 1-3/4 inch                                                                                    |     |                  |
| F   | 18697          | NUT – lock, 1/2 NC, distorted thread                                                                                    |     |                  |
| H   | 30833          | BOLT - hex head, 1/2 NC x 2-1/4 inch                                                                                    |     |                  |
| J   | 21594          | BOLT - hex head, 5/8 NC x 1-1/2 inch                                                                                    |     |                  |
| K   | 18639          | WASHER - lock, 5/8 inch ID                                                                                              |     |                  |
| M   | 18591          | NUT - hex, 1/2 NC                                                                                                       |     |                  |

\* **NOTE:** For units with Serial Numbers in the following ranges:

142748 – 142757

142872 – 142878

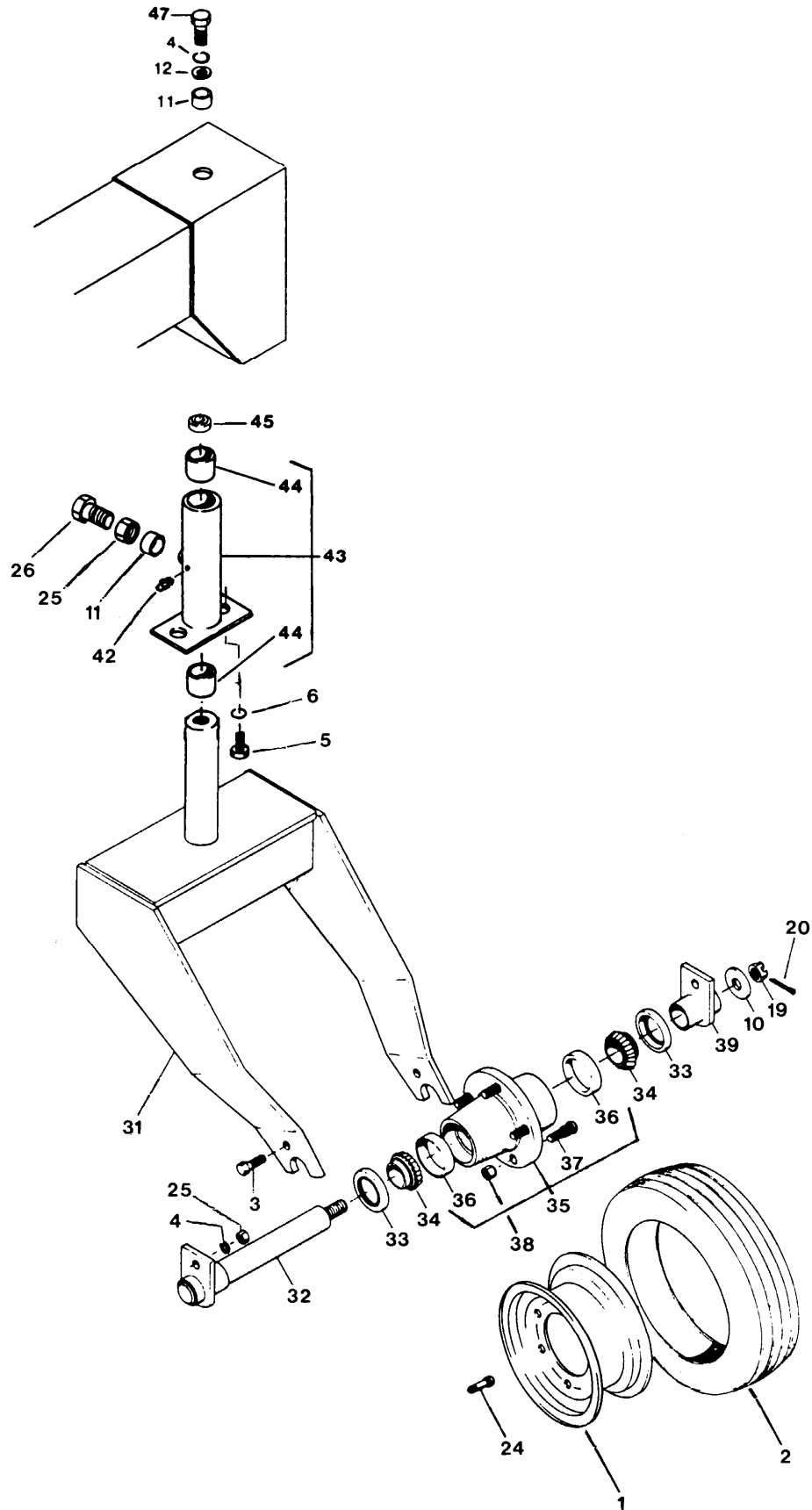
142882

142888 – 142895

142955 – 142974

When replacing items 2 or 3, order 107006 SHAFT or 45297 WHEEL respectively. Always maintain the following pairings: Shaft 107006 must be used with wheel 45297, and shaft 107197 must be used with wheel 111216.

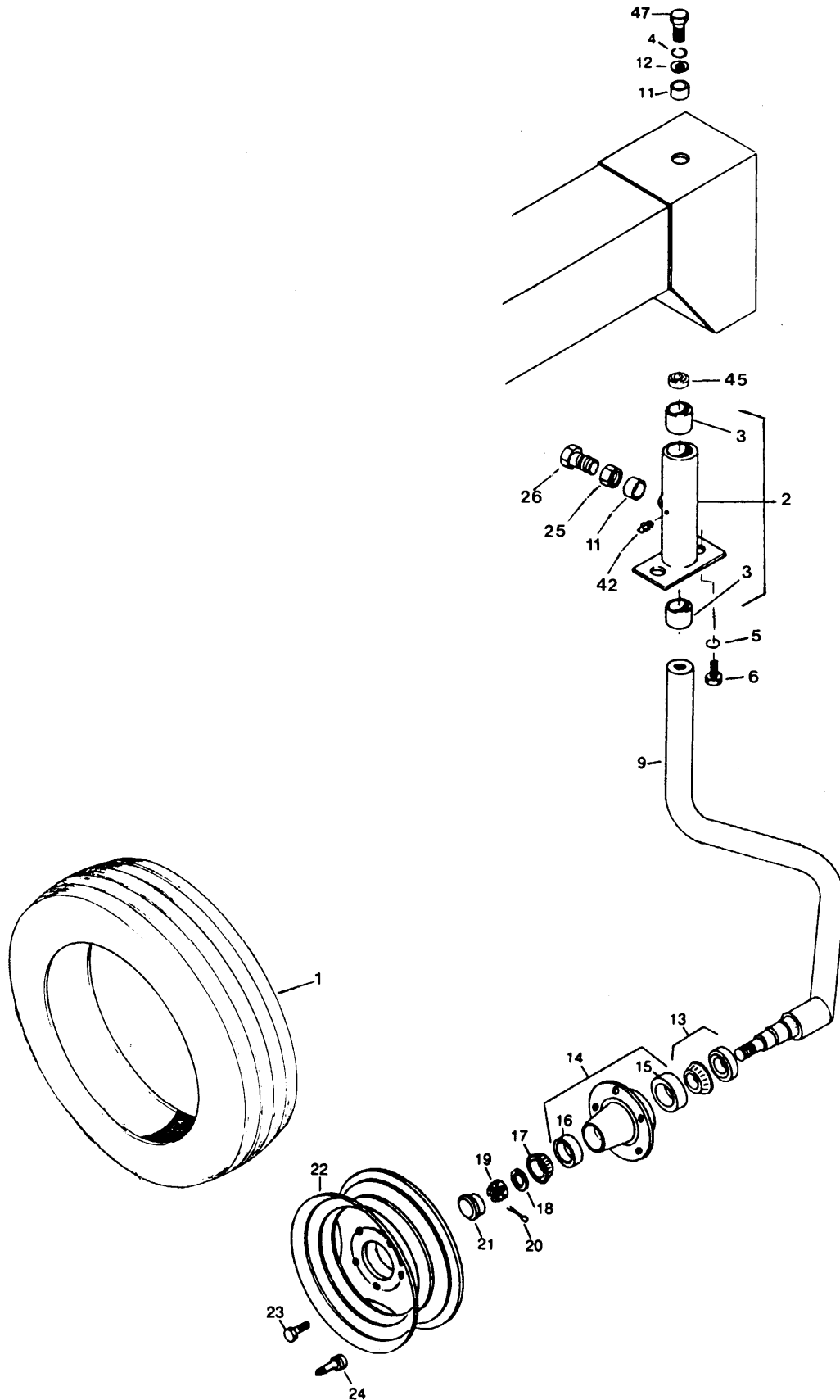
**9250/9350, 4940/4950, 2940/2950, 8140/8150 TRACTOR  
9.5 FORKED CASTERS**



**9250/9350, 4940/4950, 2940/2950, 8140/8150 TRACTOR  
9.5 FORKED CASTERS**

| REF | PART<br>NUMBER | DESCRIPTION                                                   | QTY | SERIAL<br>NUMBER |
|-----|----------------|---------------------------------------------------------------|-----|------------------|
| 1   | 30445          | WHEEL - 14 X 8KB, for 9.5 tire .....                          | 2   |                  |
| 2   | 30446          | TIRE - 9.5L-14, six ply I1 Rib Implement .....                | 2   |                  |
| 3   | 18723          | BOLT - hex head, 1/2 NC x 1-1/2 inch .....                    | 4   |                  |
| 4   | 18638          | WASHER - lock, 1/2 inch .....                                 | 6   |                  |
| 5   | 21594          | BOLT - hex head, 5/8 NC x 1-1/2 inch .....                    | 4   |                  |
| 6   | 18639          | WASHER - lock, 5/8 inch .....                                 | 4   |                  |
| 10  | 6647           | WASHER - flat .....                                           | 2   |                  |
| 11  | 4267           | SPACER .....                                                  | 4   |                  |
| 12  | 4761           | WASHER .....                                                  | 2   |                  |
| 19  | 5512           | NUT - slotted hex, 3/4 NF .....                               | 2   |                  |
| 20  | 18648          | PIN - cotter, 3/16 x 1-1/4 .....                              | 2   |                  |
| 24  | 21395          | STEM - valve .....                                            | 2   |                  |
| 25  | 18591          | NUT - hex, 1/2 NC .....                                       | 6   |                  |
| 26  | 30833          | BOLT - hex head, 1/2 NC x 2-1/4 inch thread full length ..... | 2   |                  |
| 31  | 25699          | CASTER - forked .....                                         | 2   |                  |
| 32  | 25565          | SHAFT .....                                                   | 2   |                  |
| 33  | 30436          | SEAL .....                                                    | 4   |                  |
| 34  | 30435          | BEARING - cone .....                                          | 4   |                  |
| 35  | 30434          | HUB - with bearing cups and studs .....                       | 2   |                  |
| 36  | 616            | BEARING - cup .....                                           | 4   |                  |
| 37  | 30187          | STUD - press in, 1/2 NF x 1-7/8 inch .....                    | 10  |                  |
| 38  | 21838          | NUT - wheel, 1/2 NF .....                                     | 10  |                  |
| 39  | 25560          | TUBE - mounting .....                                         | 2   |                  |
| 42  | 18671          | FITTING - lube .....                                          | 2   |                  |
| 43  | 25575          | PIVOT - caster, with bushings .....                           | 2   |                  |
| 44  | 25579          | BUSHING - steel .....                                         | 4   |                  |
| 45  | 21215          | BEARING - thrust .....                                        | 2   |                  |
| 47  | 21565          | BOLT - hex head, 1/2 NC x 1-3/4 inch .....                    | 2   |                  |

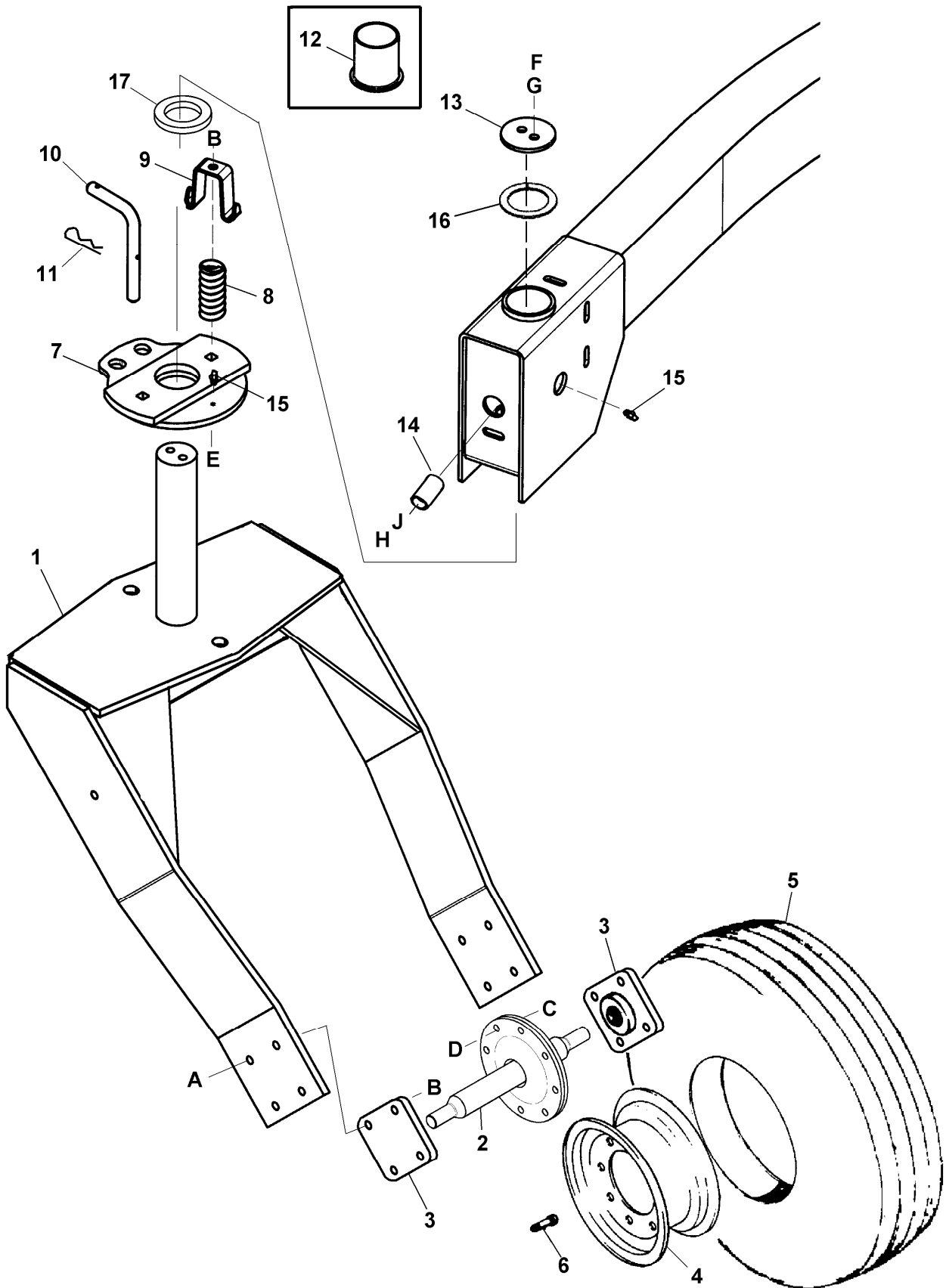
9250/9350, 4940/4950, 2940/2950, 8140/8150 TRACTOR  
FORMED CASTERS



**9250/9350, 4940/4950, 2940/2950, 8140/8150 TRACTOR  
FORMED CASTERS**

| REF | PART<br>NUMBER | DESCRIPTION                                                  | QTY | SERIAL<br>NUMBER |
|-----|----------------|--------------------------------------------------------------|-----|------------------|
| 1   | 30446          | TIRE - 9.5L-14, six ply I1 Rib Implement.....                | 2   |                  |
| 2   | 25575          | PIVOT - caster, includes bushings, item 3 .....              | 2   |                  |
| 3   | 25579          | BUSHING - steel .....                                        | 4   |                  |
| 4   | 18638          | WASHER - lock, 1/2 inch.....                                 | 2   |                  |
| 5   | 18639          | WASHER - lock, 5/8 inch.....                                 | 4   |                  |
| 6   | 21594          | BOLT - hex head, 5/8 NC x 1-1/2 inch .....                   | 4   |                  |
| 9   | 24280          | CASTER - formed.....                                         | 2   |                  |
| 11  | 4267           | SPACER.....                                                  | 4   |                  |
| 12  | 4761           | WASHER.....                                                  | 2   |                  |
| 13  | 7910           | BEARING - cone, with seal .....                              | 2   |                  |
| 14  | 21686          | HUB - with bearing cups .....                                | 2   |                  |
| 15  | 7900           | BEARING - inner cup .....                                    | 2   |                  |
| 16  | 7909           | BEARING - outer cup .....                                    | 2   |                  |
| 17  | 7920           | BEARING - cone .....                                         | 2   |                  |
| 18  | 18601          | WASHER - flat, 13/16 inch ID.....                            | 2   |                  |
| 19  | 5512           | NUT - slotted hex, 3/4 NF .....                              | 2   |                  |
| 20  | 18648          | PIN - cotter, 3/16 x 1-1/4 inch .....                        | 2   |                  |
| 21  | 21687          | CAP - dust .....                                             | 2   |                  |
| 22  | 30445          | WHEEL - 14 x 8 KB, for 9.5 tire .....                        | 2   |                  |
| 23  | 21719          | BOLT - wheel.....                                            | 10  |                  |
| 24  | 21395          | STEM - valve .....                                           | 2   |                  |
| 25  | 18591          | NUT - hex, 1/2 NC .....                                      | 2   |                  |
| 26  | 30833          | BOLT - hex head, 1/2 NC x 2-1/4 inch thread full length..... | 2   |                  |
| 42  | 18671          | FITTING - lube.....                                          | 2   |                  |
| 45  | 21215          | BEARING - thrust .....                                       | 2   |                  |
| 47  | 21565          | BOLT - hex head, 1/2 NC x 1-3/4 inch .....                   | 2   |                  |

**9352/4952/2952/8152 (INCLUDING "i"& "c" MODEL) TRACTORS  
FORKED CASTERS**

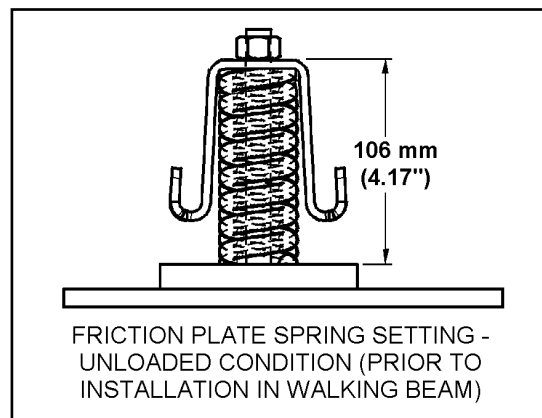


**9352/4952/2952/8152 (INCLUDING "i"& "c" MODEL) TRACTORS  
FORKED CASTERS**

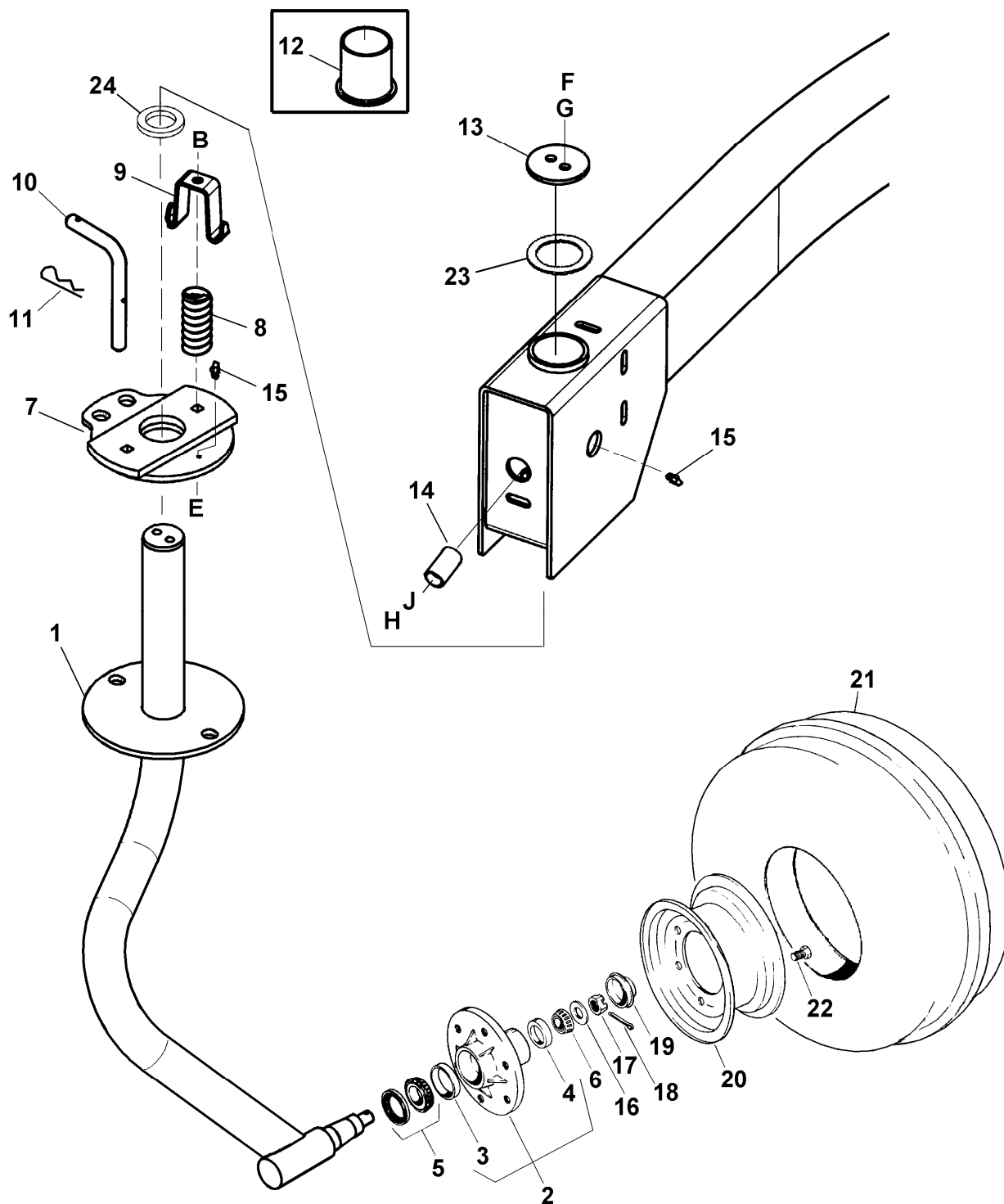
| REF | PART<br>NUMBER | DESCRIPTION                                                              | QTY | SERIAL<br>NUMBER |
|-----|----------------|--------------------------------------------------------------------------|-----|------------------|
| 1   | 107192         | CASTER - forked .....                                                    | 2   |                  |
| 2   | 107197         | SHAFT – spindle, includes bolts "C" .....                                | 2   | see note 1       |
|     | 107006         | SHAFT - spindle, for wheel 45297 only, includes 21358 nuts (8).....      | 2   | -138024          |
| 3   | 107200         | BEARING ASSEMBLY - flange with bearing.....                              | 4   |                  |
|     | 21859          | BEARING - insert for assembly 107200 .....                               | 4   |                  |
| 4   | 107208         | WHEEL – 16 x W10L, for 11-16 tire .....                                  | 2   |                  |
|     | 45297          | WHEEL - 16.1 x W11C, with 3-1/16" offset mounting, for 16.5 tire .....   | 2   | -138024          |
|     | 111216         | WHEEL – 16.1 x W11C, with 1-1/2" offset mounting, for 16.5 tire .....    | 2   | 138025-          |
| 5   | 111204         | TIRE - 11-16, 8 ply F-2M Rib Implement, does not include inner tube..... | 2   |                  |
|     | 111224         | TUBE – inner, for tire 111204 .....                                      | 2   |                  |
|     | 39273          | TIRE - 16.5L-16.1, 8 ply I1 Rib Implement .....                          | 2   |                  |
| 6   | 21153          | STEM - valve .....                                                       | 2   |                  |
| 7   | 107188         | PLATE – friction.....                                                    | 2   |                  |
| 8   | 112003         | SPRING – compression, see note 2.....                                    | 4   |                  |
| 9   | 107191         | BRACKET – spring, see note 2 .....                                       | 4   |                  |
| 10  | 107196         | PIN – L, caster lock .....                                               | 2   |                  |
| 11  | 13125          | PIN – hair.....                                                          | 2   |                  |
| 12  | 107194         | TUBE – flared .....                                                      | 4   | -156149          |
| 13  | 107195         | DISK – cap .....                                                         | 2   |                  |
| 14  | 19508          | SPACER.....                                                              | 2   |                  |
| 15  | 18671          | FITTING - lube.....                                                      | 4   |                  |
| 16  | 110584         | WASHER – hardened, 3-1/4 IN. OD x 2-1/2 IN. ID .....                     | 2   | 156150-          |
| 17  | 107551         | SEAL – foam .....                                                        | 2   | 156150-          |
| A   | 21565          | BOLT – hex head, 1/2 NC x 1-3/4 inch                                     |     |                  |
| B   | 18697          | NUT – lock 1/2 NC distorted thread                                       |     |                  |
| C   | 21357          | BOLT – wheel, 9/16 NF x 1-7/8 inch                                       |     |                  |
|     | 21469          | BOLT - round head, square neck 1/2 NC x 1-1/2 inch .....                 |     | -138024          |
| D   | 21358          | NUT – wheel, 9/16 NF                                                     |     |                  |
|     | 50186          | NUT - lock, smooth flange, 1/2 NC distorted thread.....                  |     | -138024          |
| E   | 136001         | BOLT – round head, square neck, 1/2 NC x 5-1/4 inch                      |     |                  |
| F   | 21575          | BOLT – hex head, 1/2 NC x 1 inch                                         |     |                  |
| G   | 18638          | WASHER – lock, 1/2 inch ID                                               |     |                  |
| H   | 30299          | BOLT – hex head, 1/2 NC x 4 inch                                         |     |                  |
| J   | 18591          | NUT – hex, 1/2 NC                                                        |     |                  |

**NOTES:** 1. For item 2 – 107197 SHAFT: used for all production of 11-16 tire units, and serial number 138025 & up for 16.5 tire units.

2. When replacing parts in friction plate spring assembly, tighten nut only enough to achieve dimension shown below.



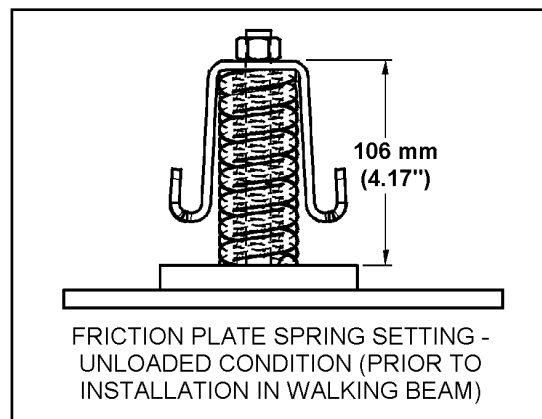
**9352/4952/2952/8152 (INCLUDING "i" & "c" MODEL) TRACTORS  
FORMED CASTERS**



**9352/4952/2952/8152 (INCLUDING "i"& "c" MODEL) TRACTORS  
FORMED CASTERS**

| REF | PART<br>NUMBER | DESCRIPTION                                               | QTY | SERIAL<br>NUMBER |
|-----|----------------|-----------------------------------------------------------|-----|------------------|
| 1   | 112433         | CASTER – formed left .....                                | 1   |                  |
|     | 112428         | CASTER - formed, right.....                               | 1   |                  |
| 2   | 41982          | HUB - with cups, items 3 and 4 .....                      | 2   |                  |
| 3   | 30516          | BEARING - cup, inner .....                                | 2   |                  |
| 4   | 7900           | BEARING - cup, outer .....                                | 2   |                  |
| 5   | 30517          | BEARING - cone, with seal .....                           | 2   |                  |
| 6   | 21376          | BEARING - cone .....                                      | 2   |                  |
| 7   | 107188         | PLATE – friction.....                                     | 2   |                  |
| 8   | 112003         | SPRING – compression, see note 1.....                     | 4   |                  |
| 9   | 107191         | BRACKET – spring, see note 1 .....                        | 4   |                  |
| 10  | 107196         | PIN – L, caster lock .....                                | 2   |                  |
| 11  | 13125          | PIN – hair.....                                           | 2   |                  |
| 12  | 107194         | TUBE – flared .....                                       | 4   | -156149          |
| 13  | 107195         | DISK – cap .....                                          | 2   |                  |
| 14  | 19508          | SPACER.....                                               | 2   |                  |
| 15  | 18671          | FITTING - lube.....                                       | 4   |                  |
| 16  | 21540          | WASHER - flat, hardened.....                              | 2   |                  |
| 17  | 5512           | NUT - hex slotted, 3/4 NF .....                           | 2   |                  |
| 18  | 18648          | PIN - cotter.....                                         | 2   |                  |
| 19  | 30520          | CAP - dust .....                                          | 2   |                  |
| 20  | 112438         | WHEEL – 16 x 6LB, for 7.5 tire .....                      | 2   |                  |
| 21  | 112441         | TIRE – 7.5-16, six ply single rib TT, F-1, with tube..... | 2   |                  |
|     | 112442         | TUBE – inner, for tire 112441 .....                       | 2   |                  |
| 22  | 18916          | BOLT - wheel, 9/16 NF .....                               | 12  |                  |
| 23  | 110584         | WASHER – hardened, 3-1/4 IN. OD x 2-1/2 IN. ID .....      | 2   | 156150-          |
| 24  | 107551         | SEAL – foam .....                                         | 2   | 156150-          |
| B   | 18697          | NUT – lock 1/2 NC distorted thread                        |     |                  |
| E   | 136001         | BOLT – round head, square neck, 1/2 NC x 5-1/4 inch       |     |                  |
| F   | 21575          | BOLT – hex head, 1/2 NC x 1 inch                          |     |                  |
| G   | 18638          | WASHER – lock, 1/2 inch ID                                |     |                  |
| H   | 30299          | BOLT – hex head, 1/2 NC x 4 inch                          |     |                  |
| J   | 18591          | NUT – hex, 1/2 NC                                         |     |                  |

**NOTES:** 1. When replacing parts in friction plate spring assembly, tighten nut only enough to achieve dimension shown below.



## SAFETY DECALS

**1** **DANGER**



To prevent machine runaway:

- STOP ENGINE before adjusting steering linkage or neutral interlock.
- Do not rewire or misadjust neutral interlock so engine can be started with controls out of neutral.
- Do not try to start engine with someone under or near machine.
- Refer to Operator's Manual for starting and adjustment procedures.

\* 30743

**5** **DANGER**



Rest header on ground or engage mechanical locks before going under unit.

See Operator's Manual.

\* 44811

**2**

**3** **DANGER**



To prevent machine runaway:

- Do not start engine by shorting across starter or starter relay terminals. Machine will start with drive engaged and move if starting circuitry is bypassed.
- Start engine only from operator's seat.
- Do not try to start engine with someone under or near machine.

\* 42130

**4** **DANGER**



**ROTATING DRIVELINE**  
CONTACT CAN CAUSE DEATH  
**KEEP AWAY!**

DO NOT OPERATE WITHOUT —

- ALL DRIVELINE, TRACTOR AND EQUIPMENT SHIELDS IN PLACE
- DRIVELINES SECURELY ATTACHED AT BOTH ENDS
- DRIVELINE SHIELDS THAT TURN FREELY ON DRIVELINE

30516

**4A** **DANGER**



**SHIELD MISSING**  
**DO NOT OPERATE**

**6**

**14** **WARNING**



DO NOT GO NEAR LEAKS

High pressure oil easily punctures skin causing serious injury, amputation or death.

- If injured, seek emergency medical help. Immediate surgery is required to remove oil.
- Do not use finger or skin to check for leaks.
- Lower load or relieve hydraulic pressure before loosening fittings.

**7** **HYDRAULIC OIL**

Check oil level daily. Fill to "FULL" mark. Refer to operator's manual for oil specifications. Approximate refill capacity:

57 litres, or  
15.2 US gallons.

**8** **WARNING**



PREVENT SERIOUS BODILY INJURY CAUSED BY:

- **EXPLOSIVE BATTERY GASES.** Keep sparks and flames away from the battery. Refer to Operator's Manual for battery boosting and charging procedures.
- **CORROSIVE AND POISONOUS BATTERY ACID.** Acid can severely burn your body and clothing.

**13** **WARNING**







**9** **REFRIGERANT 134a**

Capacity: 1.36 kg or 3 lbs.  
Service by qualified technician only

**COMPRESSOR OIL**

SANDEN SP-15 PAG OIL  
Use of other oil voids warranty.

**ENGINE OIL**

Fill to "FULL" mark. See Operator's Manual for grade of oil. Approximate refill capacity: Cummins 10.4 L (11 US qts.), Isuzu 14 L (14.8 US qts.)

**BEVEL GEARBOX**

Fill to level plug on gearbox. Use clean ISO VG220 synthetic gear oil. Approximate refill capacity: 1.6 litre or 1.7 U.S. quart.

**11** **WARNING**







**15** **WARNING**

The training seat is provided for an experienced operator of the machine when a new operator is being trained.

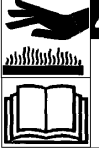
The training seat is NOT intended as a PASSENGER SEAT or FOR USE BY CHILDREN.

USE THE SEAT BELT whenever operating the machine or riding as a trainer.

KEEP ALL OTHER RIDERS OFF THE MACHINE.

\* 109865

**10** **CAUTION**



Coolant is under pressure and may be hot. Never remove radiator cap when engine is hot.

**CLOSED COOLANT SYSTEM**

- 7 psi (48 kPa) radiator cap — KEEP TIGHT.
- Coolant system is factory filled with 50% anti-freeze/water mixture.
- Maintain coolant level in reservoir within "NORMAL" range shown.
- If it becomes necessary to add coolant to the radiator refer to the Operator's Manual for safe procedure to refill the radiator.

NORMAL

**16**

Stability of machine varies with different attachments, tractor options, terrain and operator's driving technique. Install weights at rear of tractor to provide adequate machine stability. Refer to operator's manual for weight recommended for specific tractor applications.

**12** **SAFETY**

live with it

**9** **WARNING**

1. Machine will move if steering wheel is turned while engine is running.
2. Steering response is opposite to what is normally expected when backing up. Turn bottom of steering wheel in direction you want to go.
3. When travelling down hill, reduce speed and lower header.
4. With header removed, decreased weight on drive wheels reduces steering control. Operate at low speed and avoid slopes.
5. Move ground speed lever to slow end of range before shifting high-low speed control.

For complete operating instructions refer to Operator's Manual.

**STARTING:** Disengage header drive. Move ground speed lever to N. Lock steering wheel. Turn key.

**STOPPING:** Move ground speed lever to N. Lock steering wheel. Disengage header drive, stop engine and apply park brake.

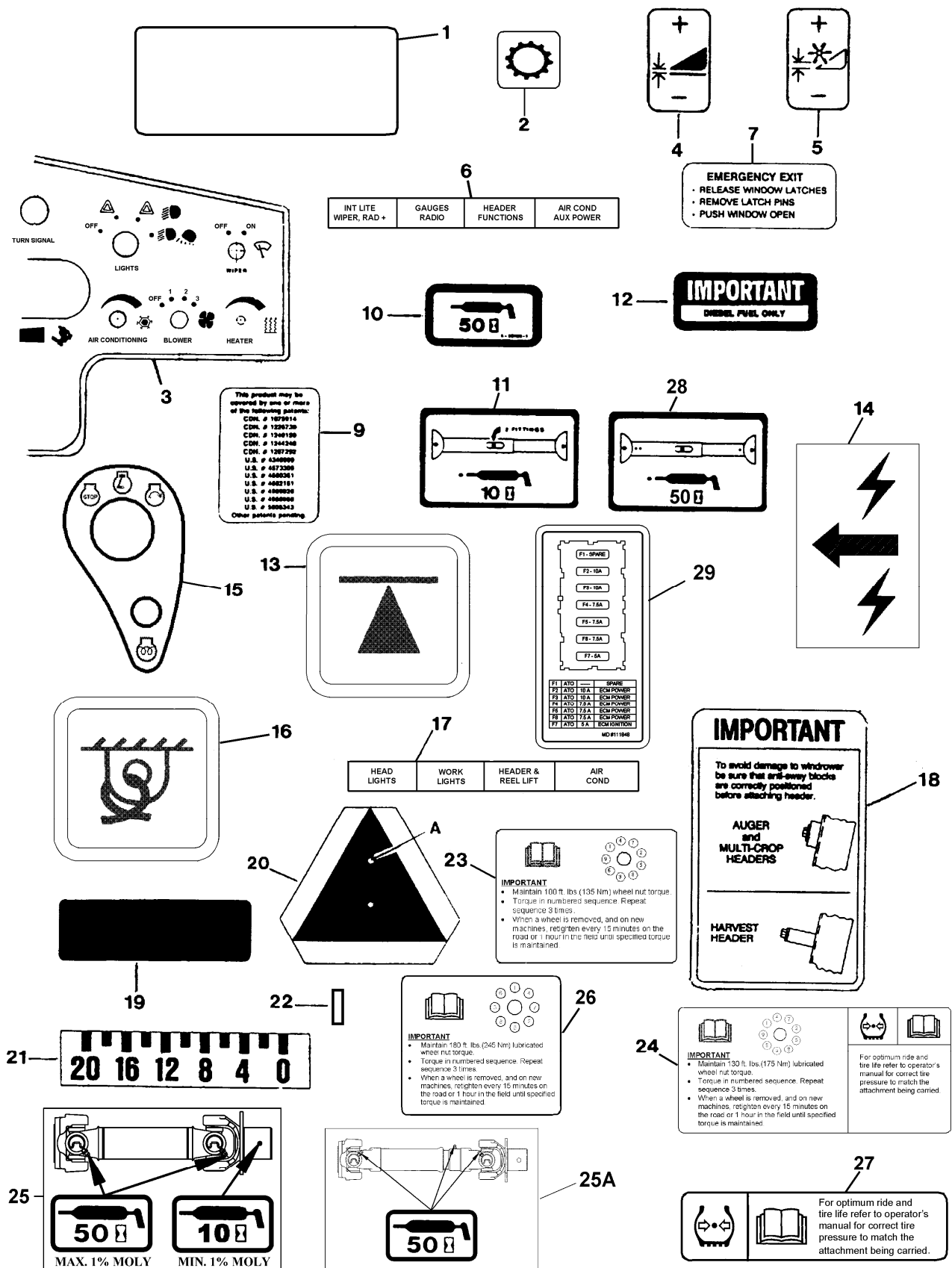
**TOWING:** Disengage wheel drive by reversing disc at center of wheel.

\* 47235

**SAFETY DECALS**

| REF | PART<br>NUMBER | DESCRIPTION                                            | QTY | SERIAL<br>NUMBER |
|-----|----------------|--------------------------------------------------------|-----|------------------|
| 1   | 32743          | DECAL - DANGER: Steering/Neutral                       |     |                  |
| 2   | 44611          | DECAL - DANGER: Header Lift Cylinder Stops             |     |                  |
| 3   | 42130          | DECAL - DANGER: Starting                               |     |                  |
| 4   | 30316          | DECAL - DANGER: Driveline                              |     |                  |
| 4A  | 36651          | DECAL - DANGER: Driveline Shield Missing               |     |                  |
| 5   | 45935          | DECAL - WARNING: Engine Compartment Hazards, L/H       |     |                  |
| 6   | 45420          | DECAL - WARNING: Engine Compartment Hazards, R/H       |     |                  |
| 7   | 42695          | DECAL - WARNING: Engine/Transmission Driveline Hazards |     |                  |
| 8   | 32738          | DECAL - WARNING: Shields and Guards                    |     |                  |
| 9   | 42123          | DECAL - WARNING: Starting/Driving Procedures           |     |                  |
| 10  | 111200         | DECAL - CAUTION: Closed Coolant System (was 24768)     |     |                  |
| 11  | 32009          | DECAL - CAUTION: General Safety Precautions            |     |                  |
| 12  | 32744          | DECAL - SAFETY: Live With It                           |     |                  |
| 13  | 42251          | DECAL - WARNING: Engine/Transmission Driveline Hazards |     |                  |
| 14  | 44944          | DECAL - WARNING: Hydraulic Oil Leaks                   |     |                  |
| 15  | 109868         | DECAL - WARNING: Use of Training Seat                  |     |                  |
| 16  | 109208         | DECAL - Rear Weight                                    |     |                  |

# INFORMATION DECALS & REFLECTORS



## INFORMATION DECALS & REFLECTORS

| REF | PART<br>NUMBER | DESCRIPTION                                              | QTY | SERIAL<br>NUMBER |
|-----|----------------|----------------------------------------------------------|-----|------------------|
| 1   | 45399          | DECAL – Radio Cover                                      |     |                  |
| 2   | 45752          | DECAL – Transmission, 2 speed                            |     |                  |
| 3   | 45715          | DECAL - Console                                          |     |                  |
| 4   | 45753          | DECAL - Header Lift                                      |     |                  |
| 5   | 45754          | DECAL - Reel Lift                                        |     |                  |
| 6   | 45776          | DECAL - Cab Circuit Breakers                             |     |                  |
| 7   | 42696          | DECAL - Emergency Exit                                   |     |                  |
| 9   | 32070          | DECAL - Patents                                          |     |                  |
| 10  | 23165          | DECAL - 50 Hour Grease                                   |     |                  |
| 11  | 24777          | DECAL - Driveline Grease – 10 Hour .....                 |     | -138024          |
| 12  | 24769          | DECAL - Diesel Fuel Only                                 |     |                  |
| 13  | 109206         | DECAL - Jack Here (was 24767)                            |     |                  |
| 14  | 109205         | DECAL – Cab Power Points                                 |     |                  |
| 15  | 112980         | DECAL – Ignition Switch (was 109201)                     |     |                  |
| 16  | 109207         | DECAL – Tie Down Point                                   |     |                  |
| 17  | 45775          | DECAL - Relays                                           |     |                  |
| 18  | 44171          | DECAL - Anti-Sway Block Positions                        |     |                  |
| 19  | 115147         | REFLECTOR – red                                          |     |                  |
|     | 115145         | REFLECTOR – Day-Glow orange                              |     |                  |
| 20  | 21032          | REFLECTOR - Slow Moving Vehicle Sign                     |     |                  |
| 21  | 45495          | DECAL – Gauge, Header Height / Header Angle              |     |                  |
| 22  | 45492          | DECAL – Mark, Header Height Gauge                        |     |                  |
| 23  | 111212         | ● DECAL – Tire Pressure/Bolt Torque .....                |     | -134349          |
| 24  | 111208         | ● DECAL – Tire Pressure/Bolt Torque .....                |     | 134350-          |
| 25  | 167002         | DECAL – Transmission driveline grease.....               |     | -173336          |
| 25A | 167022         | DECAL – Transmission driveline grease.....               |     | 173337-          |
| 26  | 111220         | ■▲ DECAL – Bolt Torque                                   |     |                  |
| 27  | 111221         | ■▲ DECAL – Tire Pressure                                 |     |                  |
| 28  | 111214         | DECAL – Drive Line Grease – 50 Hour .....                |     | 138025-          |
| 29  | 111848         | ▲ DECAL – FUSE PANEL                                     |     |                  |
| A   | 21055          | SCREW - self tapping, hex washer head, 1/4 NC x 1/2 inch |     |                  |

- - MacDon 9250/9350, Westward 9250/9350, Prairie Star 4940/4950, Premier 2940/2950, Harvest Pro 8140/8150
- - MacDon 9352/9352i, Westward 9352/9352i, Prairie Star 4952/4952i, Premier 2952/2952i, Harvest Pro 8152/8152i
- ▲ - MacDon 9352c Westward 9352c, Prairie Star 4952c, Premier 2952c, Harvest Pro 8152c

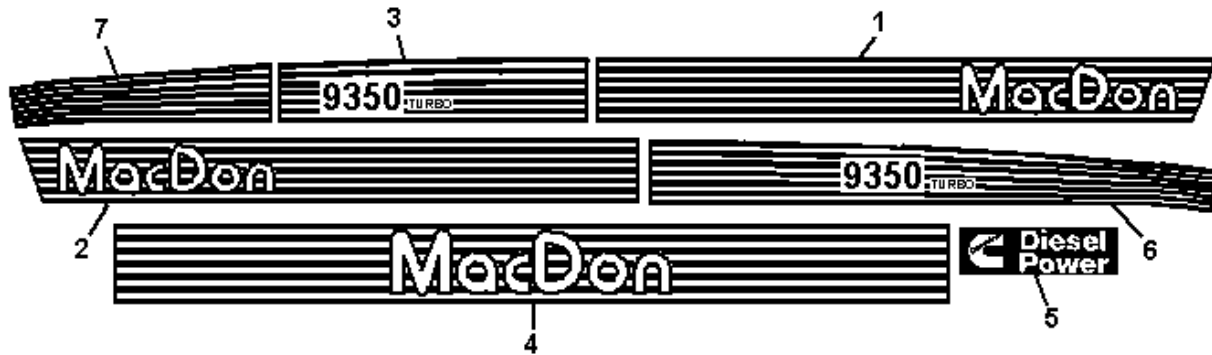
### PAINT

|        |                                                              |
|--------|--------------------------------------------------------------|
| 135148 | PAINT - black, spray can (55 – 65 Gloss Level) (was 25990)   |
| 25991  | PAINT - black, 1 litre (55 – 65 Gloss Level)                 |
| 23950  | PAINT - red, spray can (To be used for small touch ups only) |
| 49832  | PAINT – red, 1 US Quart. See note (1).                       |
| 49833  | ACTIVATOR – for paint, 1 US Pint.                            |
| 49834  | REDUCER – for paint, 1 US Quart.                             |
| 49835  | ACCELERATOR – for paint, 1 US Pint. See note (2).            |
| 32879  | PAINT - white, spray can                                     |
| 23957  | PAINT-white, 1 litre                                         |

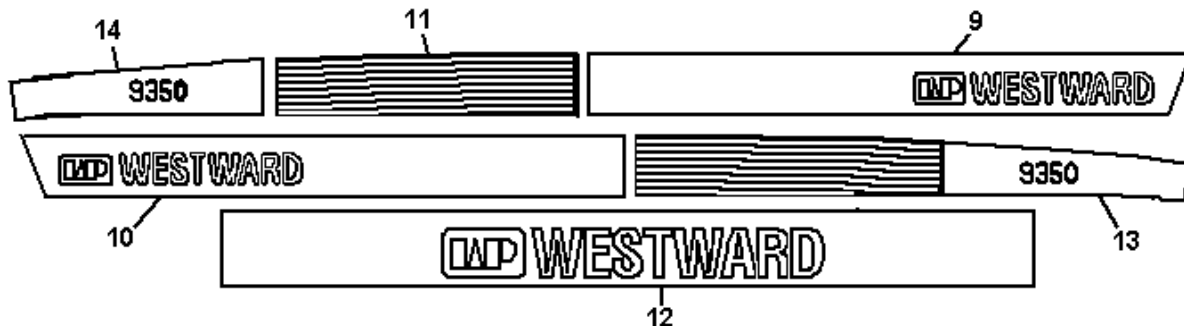
#### NOTES:

- When ordering 49832 red paint, also order part numbers 49833 and 49834. These three parts (Paint, Activator and Reducer) must be premixed at a ratio of 2:1:1 respectively. This paint when mixed provides 2 sprayable quarts, which is approximately enough for one engine hood. Further instructions supplied with paint.
- Part 49835 is a paint accelerator. Adding approximately ½ to 1 oz. of accelerator per sprayable quart will speed up dry time. If paint accelerator is not added, there will be no change to paint, other than length of dry time.

## PRODUCT IDENTIFICATION DECALS

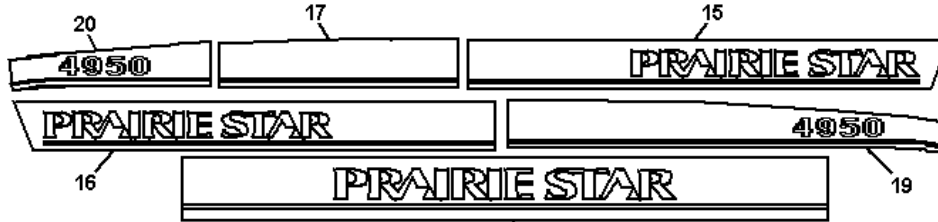


| REF | PART NUMBER | DESCRIPTION                                                    | QTY | SERIAL NUMBER |
|-----|-------------|----------------------------------------------------------------|-----|---------------|
| 1   | 112168      | DECAL - L/H side hood: rainbow stripe with MacDon .....        | 1   |               |
| 2   | 112169      | DECAL - R/H side hood: rainbow stripe with MacDon .....        | 1   |               |
| 3   | 112257      | DECAL - cab door, 9250 on rainbow stripe .....                 | 1   |               |
|     | 112166      | DECAL - cab door, 9350 TURBO on rainbow stripe.....            | 1   |               |
|     | 112400      | DECAL - cab door, 9352 TURBO on rainbow stripe.....            | 1   |               |
|     | 112761      | DECAL - cab door, 9352i TURBO on rainbow stripe.....           | 1   |               |
|     | 167031      | DECAL - cab door, 9352c TURBO on rainbow stripe.....           | 1   |               |
| 4   | 112167      | DECAL - cab front: rainbow stripe with MacDon .....            | 1   |               |
| 5   | 44351       | PLAQUE - Cummins Diesel Power .....                            | 1   |               |
| 6   | 112258      | DECAL - cab R/H side front, 9250 on rainbow stripe .....       | 1   |               |
|     | 109047      | DECAL - cab R/H side front, 9350 TURBO on rainbow stripe.....  | 1   |               |
|     | 112401      | DECAL - cab R/H side front, 9352 TURBO on rainbow stripe.....  | 1   |               |
|     | 112766      | DECAL - cab R/H side front, 9352i TURBO on rainbow stripe..... | 1   |               |
|     | 167036      | DECAL - cab R/H side front, 9352c TURBO on rainbow stripe..... | 1   |               |
| 7   | 112165      | DECAL - L/H side cab front .....                               | 1   |               |

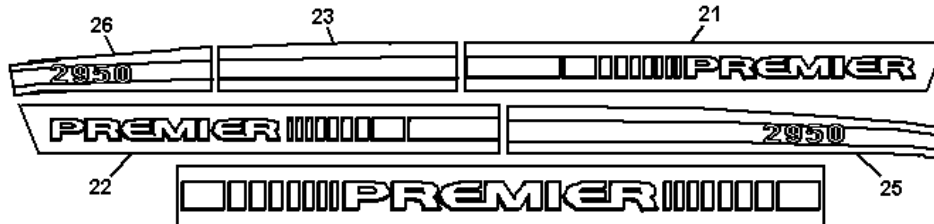


|    |        |                                          |   |  |
|----|--------|------------------------------------------|---|--|
| 9  | 45897  | DECAL - L/H side hood: WP Westward ..... | 1 |  |
| 10 | 45898  | DECAL - R/H side hood: WP Westward ..... | 1 |  |
| 11 | 45899  | DECAL - cab door: WP Westward .....      | 1 |  |
| 12 | 45902  | DECAL - cab front: WP Westward .....     | 1 |  |
| 13 | 45903  | DECAL - cab R/H side front, 9250 .....   | 1 |  |
|    | 45904  | DECAL - cab R/H side front, 9350 .....   | 1 |  |
|    | 112402 | DECAL - cab R/H side front, 9352 .....   | 1 |  |
|    | 112767 | DECAL - cab R/H side front, 9352i .....  | 1 |  |
|    | 167037 | DECAL - cab R/H side front, 9352c .....  | 1 |  |
| 14 | 45900  | DECAL - cab L/H side front, 9250 .....   | 1 |  |
|    | 45901  | DECAL - cab L/H side front, 9350 .....   | 1 |  |
|    | 112403 | DECAL - cab L/H side front, 9352 .....   | 1 |  |
|    | 112763 | DECAL - cab L/H side front, 9352i .....  | 1 |  |
|    | 167032 | DECAL - cab L/H side front, 9352c .....  | 1 |  |

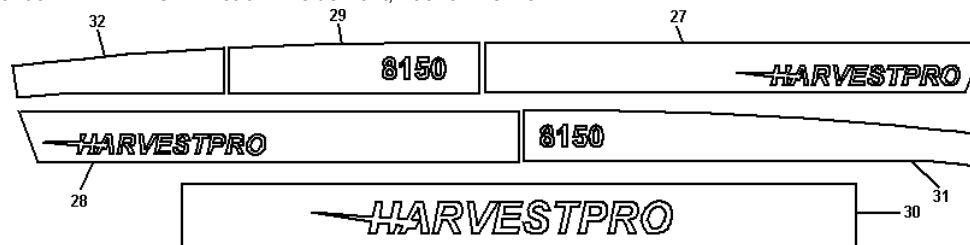
# PRODUCT IDENTIFICATION DECALS



|    |        |                                                       |   |
|----|--------|-------------------------------------------------------|---|
| 15 | 45906  | DECAL -L/H side hood: Prairie Star .....              | 1 |
| 16 | 45907  | DECAL - R/H side hood: Prairie Star .....             | 1 |
| 17 | 45908  | DECAL – cab door: Prairie Star .....                  | 1 |
| 18 | 45911  | DECAL – cab front: Prairie Star .....                 | 1 |
| 19 | 45912  | DECAL – cab R/H side front, 4940: Prairie Star .....  | 1 |
|    | 45913  | DECAL – cab R/H side front, 4950: Prairie Star .....  | 1 |
|    | 112404 | DECAL – cab R/H side front, 4952: Prairie Star .....  | 1 |
|    | 112768 | DECAL – cab R/H side front, 4952i: Prairie Star ..... | 1 |
|    | 167038 | DECAL – cab R/H side front, 4952c: Prairie Star ..... | 1 |
| 20 | 45909  | DECAL – cab L/H side front, 4940: Prairie Star .....  | 1 |
|    | 45910  | DECAL – cab L/H side front, 4950: Prairie Star .....  | 1 |
|    | 112405 | DECAL – cab L/H side front, 4952: Prairie Star .....  | 1 |
|    | 112764 | DECAL – cab L/H side front, 4952i: Prairie Star ..... | 1 |
|    | 167033 | DECAL – cab L/H side front, 4952c: Prairie Star ..... | 1 |

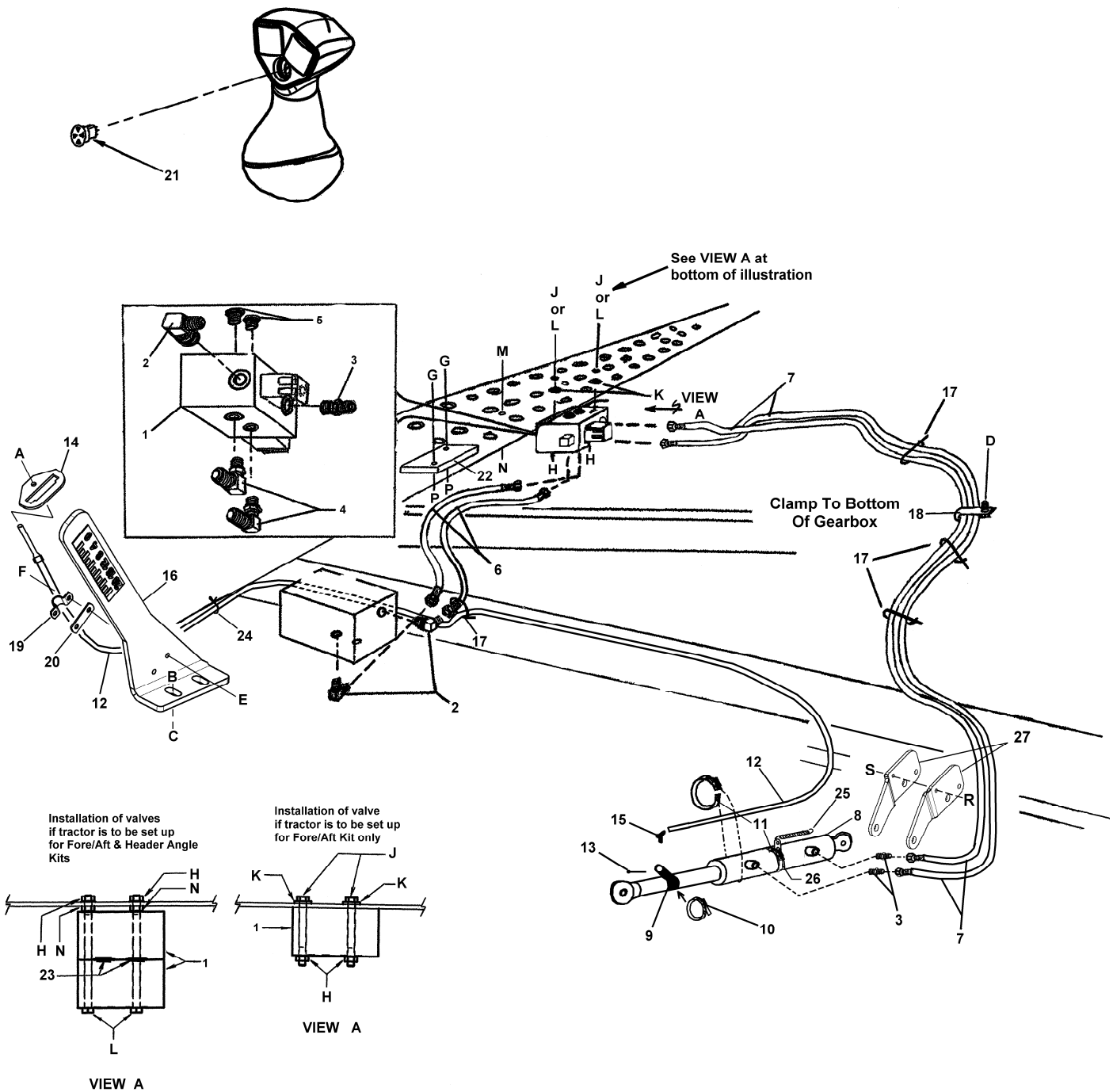


|    |        |                                                  |   |
|----|--------|--------------------------------------------------|---|
| 21 | 45915  | DECAL -L/H side hood: Premier .....              | 1 |
| 22 | 45916  | DECAL - R/H side hood: Premier .....             | 1 |
| 23 | 45917  | DECAL – cab door: Premier .....                  | 1 |
| 24 | 45920  | DECAL – cab front: Premier .....                 | 1 |
| 25 | 45921  | DECAL – cab R/H side front, 2940: Premier .....  | 1 |
|    | 45922  | DECAL – cab R/H side front, 2950: Premier .....  | 1 |
|    | 112406 | DECAL – cab R/H side front, 2952: Premier .....  | 1 |
|    | 112769 | DECAL – cab R/H side front, 2952i: Premier ..... | 1 |
|    | 167039 | DECAL – cab R/H side front, 2952c: Premier ..... | 1 |
| 26 | 45918  | DECAL – cab L/H side front, 2940: Premier .....  | 1 |
|    | 45919  | DECAL – cab L/H side front, 2950: Premier .....  | 1 |
|    | 112407 | DECAL – cab L/H side front, 2952: Premier .....  | 1 |
|    | 112765 | DECAL – cab L/H side front, 2952i: Premier ..... | 1 |
|    | 167034 | DECAL – cab L/H side front, 2952c: Premier ..... | 1 |



|    |        |                                                     |   |
|----|--------|-----------------------------------------------------|---|
| 27 | 112530 | DECAL -L/H side hood: Harvest Pro .....             | 1 |
| 28 | 112531 | DECAL - R/H side hood: Harvest Pro .....            | 1 |
| 29 | 112532 | DECAL – cab door: Harvest Pro 8140 .....            | 1 |
|    | 112533 | DECAL – cab door: Harvest Pro 8150 .....            | 1 |
|    | 112540 | DECAL – cab door: Harvest Pro 8152 .....            | 1 |
|    | 112762 | DECAL – cab door: Harvest Pro 8152i .....           | 1 |
|    | 167035 | DECAL – cab door: Harvest Pro 8152c .....           | 1 |
| 30 | 112536 | DECAL – cab front: Harvest Pro .....                | 1 |
| 31 | 112537 | DECAL – cab R/H side front: Harvest Pro 8140 .....  | 1 |
|    | 112538 | DECAL – cab R/H side front: Harvest Pro 8150 .....  | 1 |
|    | 112541 | DECAL – cab R/H side front: Harvest Pro 8152 .....  | 1 |
|    | 112770 | DECAL – cab R/H side front: Harvest Pro 8152i ..... | 1 |
|    | 167040 | DECAL – cab R/H side front: Harvest Pro 8152c ..... | 1 |
| 32 | 112534 | DECAL – cab L/H side front: Harvest Pro .....       | 1 |

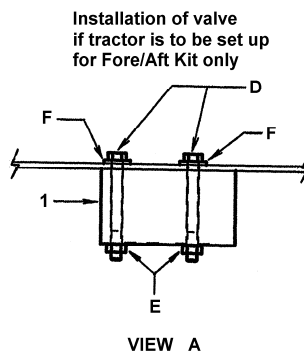
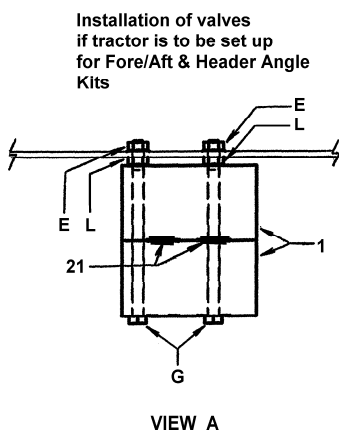
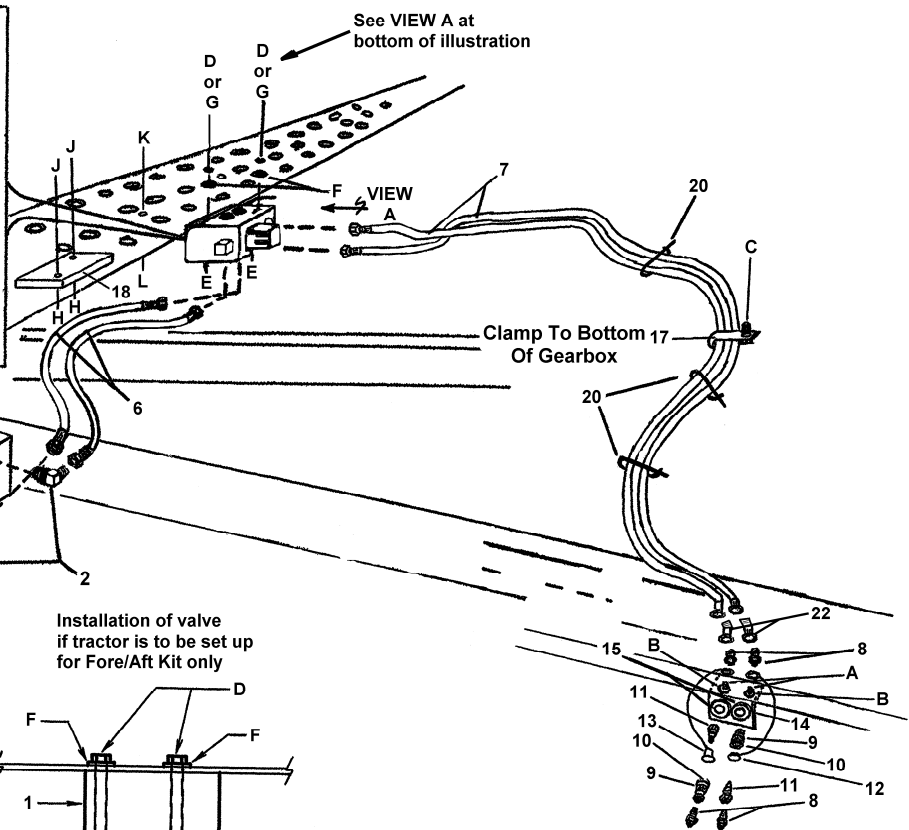
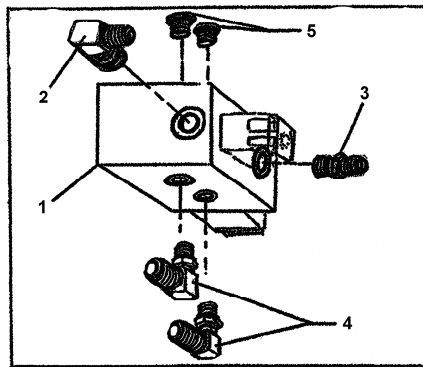
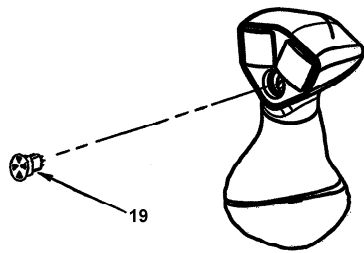
# OPTIONAL HYDRAULICS – HEADER ANGLE KIT



# OPTIONAL HYDRAULICS – HEADER ANGLE KIT

| REF | PART<br>NUMBER | DESCRIPTION                                                        | QTY | SERIAL<br>NUMBER                                                    |
|-----|----------------|--------------------------------------------------------------------|-----|---------------------------------------------------------------------|
| 1   | 111129         | VALVE – header angle manifold, see page 137 for repair parts ..... | 1   |                                                                     |
| 2   | 30282          | FITTING – elbow, #6 JIC, male, 90° .....                           | 3   |                                                                     |
| 3   | 15903          | FITTING – connector, #6 JIC, male .....                            | 3   |                                                                     |
| 4   | 50104          | FITTING – elbow, #6 JIC, male, 90° .....                           | 2   |                                                                     |
| 5   | 102711         | PLUG – hydraulic .....                                             | 2   |                                                                     |
| 6   | 112208         | HOSE – hydraulic, header angle valve to lift valve .....           | 2   |                                                                     |
| 7   | 112209         | HOSE – hydraulic, header angle valve to cylinder .....             | 2   |                                                                     |
| 8   | 111035         | CYLINDER – hydraulic .....                                         | 1   |                                                                     |
|     | 111430         | SEAL KIT – for cylinder 111035 .....                               |     |                                                                     |
| 9   | 112211         | CLAMP – header angle gauge .....                                   | 1   |                                                                     |
| 10  | 113532         | CLAMP – hose, 2 inch .....                                         | 1   |                                                                     |
| 11  | 21913          | CLAMP – hose, 3 inch .....                                         | 2   |                                                                     |
| 12  | 45927          | CABLE – header angle .....                                         | 1   |                                                                     |
| 13  | 18604          | PIN – cotter, 3/32 x 3/4 .....                                     | 1   |                                                                     |
| 14  | 45888          | GAUGE – header angle .....                                         | 1   |                                                                     |
| 15  | 42218          | PIVOT .....                                                        | 1   |                                                                     |
| 16  | 45892          | SUPPORT – header angle, with gauge decal .....                     | 1   |                                                                     |
| 17  | 21763          | FASTENER – plastic tie, 7-1/2 inch .....                           | 4   |                                                                     |
| 18  | 103738         | FASTENER – hose clamp .....                                        | 1   |                                                                     |
| 19  | 42219          | HOLDER – cable .....                                               | 1   |                                                                     |
| 20  | 42220          | BAR – spacer .....                                                 | 2   |                                                                     |
| 21  | 109061         | SWITCH – 4 way, header angle/fore aft .....                        | 1   |                                                                     |
| 22  | 112143         | MODULE – header angle/fore aft .....                               | 1   |                                                                     |
| 23  | 45934          | O-RING .....                                                       | 2   |                                                                     |
| 24  | 16661          | FASTENER – plastic tie, 5-1/2 inch .....                           | 1   |                                                                     |
| 25  | 24318          | SPRING – extension .....                                           | 1   |                                                                     |
| 26  | 45947          | CLAMP – spring cylinder .....                                      | 1   |                                                                     |
| 27  | REF            | PLATE – center link extension for Model XX52 tractors, see page 38 |     |                                                                     |
| A   | 20011          | NUT – hex, #10-32 NF                                               |     |                                                                     |
| B   | 20077          | BOLT – hex head, 3/8-16 NC x 1 inch                                |     |                                                                     |
| C   | 18669          | NUT – hex, 3/8-16 NC, distorted thread                             |     |                                                                     |
| D   | 30982          | BOLT – hex head, 1/2 NC x 1/2 inch                                 |     |                                                                     |
| E   | 18577          | SCREW – machine, #10-24 NC x 3/4 inch                              |     |                                                                     |
| F   | 18647          | NUT – hex, #10-24 NC                                               |     |                                                                     |
| G   | 45694          | SCREW – #8-32 NC x 1-1/2 inch                                      |     |                                                                     |
| H   | 30280          | NUT – hex, 5/16 NC, distorted thread                               |     |                                                                     |
| J   | 21595          | BOLT – hex head, 5/16 NC x 3 inch                                  |     |                                                                     |
| K   | 18597          | WASHER – flat, 5/16 inch ID                                        |     |                                                                     |
| L   | 45933          | BOLT – hex head, 5/16 NC x 5-1/4 inch                              |     |                                                                     |
| M   | 50112          | BOLT – hex head, 5/16-18 NC                                        |     |                                                                     |
| N   | 18589          | NUT – hex, 5/16-18 NC                                              |     |                                                                     |
| P   | 18796          | NUT – hex, #8 NC                                                   |     |                                                                     |
| R   | 21593          | BOLT – hex head, 3/8 NC x 4 inch                                   |     |                                                                     |
| S   | 30228          | NUT – lock, smooth flange, 3/8 NC distorted thread                 |     |                                                                     |
|     |                |                                                                    |     | } Model XX52/XX52i/XX52c<br>tractors only (for extension<br>spring) |

## OPTIONAL HYDRAULICS – FORE/AFT KIT

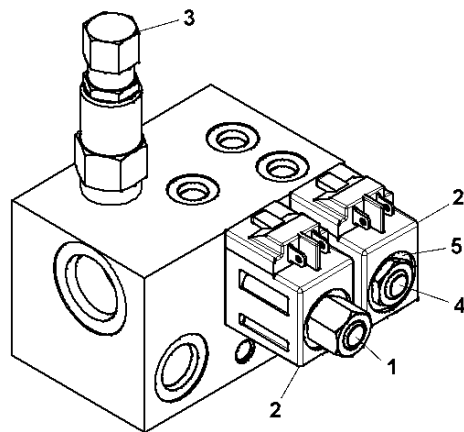


### OPTIONAL HYDRAULICS – FORE/AFT KIT

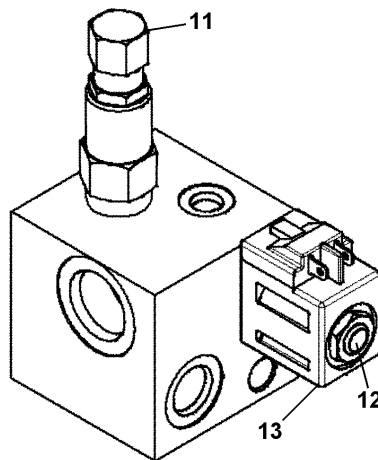
| REF | PART<br>NUMBER | DESCRIPTION                                                                | QTY | SERIAL<br>NUMBER |
|-----|----------------|----------------------------------------------------------------------------|-----|------------------|
| 1   | 111129         | VALVE – fore-aft/header angle manifold, see pg. 134 for repair parts ..... | 1   |                  |
| 2   | 30282          | FITTING – elbow, #6 ORB x #6 JIC, 90° .....                                | 3   |                  |
| 3   | 15903          | FITTING – connector, #6 ORB x #6 JIC .....                                 | 1   |                  |
| 4   | 50104          | FITTING – elbow, #4 ORB x #6 JIC, 90° .....                                | 2   |                  |
| 5   | 102711         | PLUG – hydraulic.....                                                      | 2   |                  |
| 6   | 112208         | HOSE – hydraulic, reel valve to lift valve.....                            | 2   |                  |
| 7   | 112209         | HOSE – hydraulic, reel valve to connectors .....                           | 2   |                  |
| 8   | 21806          | FITTING – connector, male, 1/2 inch NPT .....                              | 4   |                  |
| 9   | 21857          | FITTING – coupler, female, 1/2 inch NPT .....                              | 2   |                  |
| 10  | 50082          | O-RING – included with item 9 .....                                        | 2   |                  |
| 11  | 21855          | FITTING – coupler, male, 1/2 inch NPT .....                                | 2   |                  |
| 12  | 21858          | PLUG – dust, for 1/2 inch NPT female .....                                 | 1   |                  |
| 13  | 21856          | CAP – dust, for 1/2 inch NPT male.....                                     | 1   |                  |
| 14  | 45936          | ANGLE – fore/aft coupling.....                                             | 1   |                  |
| 15  | 45153          | WASHER – formed.....                                                       | 2   |                  |
| 17  | 103738         | CLAMP – hose .....                                                         | 1   |                  |
| 18  | 112143         | MODULE – fore/aft, header angle .....                                      | 1   |                  |
| 19  | 109061         | SWITCH – 4 way, fore/aft, header angle .....                               | 1   |                  |
| 20  | 21763          | FASTENER – plastic tie, 7-1/2 inch.....                                    | 4   |                  |
| 21  | 45934          | O-RING – for item 1 .....                                                  | 2   |                  |
| 22  | 30875          | FITTING – elbow, swivel, 45° .....                                         | 2   |                  |
| A   | 30963          | BOLT – hex head, 3/8-16 NC x 3/4 inch                                      |     |                  |
| B   | 21452          | NUT – flange, hex, 3/8-16 NC                                               |     |                  |
| C   | 30982          | BOLT – hex head, 1/2 NC x 1/2 inch                                         |     |                  |
| D   | 21595          | BOLT – hex head, 5/16 NC x 3 inch                                          |     |                  |
| E   | 30280          | NUT – hex, 5/16 NC, distorted thread                                       |     |                  |
| F   | 18597          | WASHER – flat, 5/16 inch ID                                                |     |                  |
| G   | 45933          | BOLT – hex head, 5/16 NC x 5-1/4 inch                                      |     |                  |
| H   | 18796          | NUT – hex, #8 NC                                                           |     |                  |
| J   | 45694          | SCREW - #8-32 NC x 1-1/2 inch                                              |     |                  |
| K   | 50112          | BOLT – hex head, 5/16-18 NC                                                |     |                  |
| L   | 18589          | NUT – hex, 5/16-18 NC                                                      |     |                  |

### OPTIONAL HYDRAULICS – HEADER EXPRESS DOWN

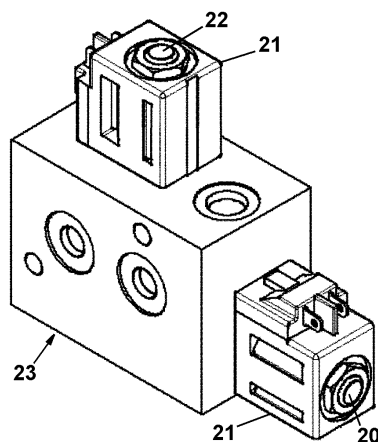
| REF | PART<br>NUMBER | DESCRIPTION                                        | QTY | SERIAL<br>NUMBER |
|-----|----------------|----------------------------------------------------|-----|------------------|
| *   | B2964          | KIT – header express down relay (was 112509) ..... | 1   |                  |
| *   | 109064         | SWITCH – included in kit B2964 .....               | 1   |                  |
|     |                | B2964 available through Whole Goods only.          |     |                  |

**VALVE MANIFOLDS**

111388 – SUPERCHARGE MANIFOLD – 2 SPEED – TURBO



111128 – SUPERCHARGE MANIFOLD - SINGLE SPEED – NATURALLY ASPIRATED



111129 – HEADER ANGLE / FORE-AFT MANIFOLD

## VALVE MANIFOLDS

| REF   | PART<br>NUMBER | DESCRIPTION                                                                  | QTY | SERIAL<br>NUMBER |
|-------|----------------|------------------------------------------------------------------------------|-----|------------------|
| *     | 111388         | MANIFOLD – supercharge, 2 speed, see pages 90, 91                            |     |                  |
| 1     | 49842          | CARTRIDGE – (S6) supercharge, 2 speed.....                                   | 1   |                  |
| 2     | 49843          | COIL – supercharge, 2 speed.....                                             | 2   |                  |
|       | 49844          | SEAL KIT – cartridge (item 1) & coil (item 2).....                           | 1   |                  |
| 3     | 111389         | 250 psi RELIEF VALVE – supercharge, 2 speed .....                            | 1   |                  |
|       | 49846          | SEAL KIT – relief valve, for 111277 or 111389 .....                          | 1   |                  |
| 4     | 49848          | CARTRIDGE – (S7) supercharge, 2 speed.....                                   | 1   |                  |
|       | 49849          | SEAL KIT – cartridge (item 4) & coil (item 2).....                           | 1   |                  |
|       | 100577         | PLUG – SAE, dash 6 ORB .....                                                 | 1   |                  |
|       | 102711         | PLUG – SAE, dash 4 ORB .....                                                 | 1   |                  |
| 5     | 49850          | DISC – orifice .....                                                         | 1   |                  |
| <hr/> |                |                                                                              |     |                  |
| *     | 111128         | SUPERCHARGE MANIFOLD – single speed, N.A. Only (see pages 90, 91)            |     |                  |
| 11    | 111276         | RELIEF VALVE – supercharge, single speed (was 49851) .....                   | 1   |                  |
|       | 49846          | SEAL KIT – relief valve.....                                                 | 1   |                  |
| 12    | 49842          | CARTRIDGE – supercharge, single speed .....                                  | 1   |                  |
| 13    | 49843          | COIL – supercharge, single speed .....                                       | 1   |                  |
|       | 49844          | SEAL KIT – cartridge (item 12) & coil (item 13).....                         | 1   |                  |
|       | 100577         | PLUG – SAE, dash 6 ORB .....                                                 | 1   |                  |
|       | 102711         | PLUG – SAE, dash 4 ORB .....                                                 | 1   |                  |
| <hr/> |                |                                                                              |     |                  |
| *     | 111129         | HEADER ANGLE / FORE-AFT MANIFOLD – Optional Hydraulics (see pages 132 – 135) |     |                  |
| 20    | 49848          | CARTRIDGE – (S8) header angle manifold .....                                 | 1   |                  |
| 21    | 49843          | COIL – header angle manifold.....                                            | 2   |                  |
|       | 49849          | SEAL KIT – cartridge (item 20) & coil (item 21).....                         | 1   |                  |
| 22    | 49853          | CARTRIDGE – (S9) header angle manifold .....                                 | 1   |                  |
|       | 49854          | SEAL KIT – cartridge (item 22) & coil (item 21), check valve (item 23) ..... | 2   |                  |
| 23    | 49855          | VALVE – check, header angle manifold .....                                   | 1   |                  |
|       | 49850          | DISK – orifice, header angle manifold .....                                  | 1   |                  |
|       | 102711         | PLUG - SAE, dash 4 ORB.....                                                  | 1   |                  |

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| 616             | 119         | 17546           | 21          | 20579           | 91          | 21746           | 83          |
| 1045            | 47          | 17546           | 21          | 20988           | 87          | 21747           | 83          |
| 2146            | 17          | 17546           | 23          | 21024           | 69          | 21747           | 91          |
| 4267            | 117         | 17958           | 83          | 21030           | 85          | 21755           | 99          |
| 4267            | 119         | 17958           | 91          | 21030           | 101         | 21760           | 3           |
| 4267            | 121         | 17959           | 65          | 21032           | 40          | 21763           | 43          |
| 4761            | 19          | 18591           | 3           | 21032           | 129         | 21763           | 69          |
| 4761            | 47          | 18591           | 119         | 21052           | 59          | 21763           | 83          |
| 4761            | 79          | 18591           | 121         | 21055           | 129         | 21763           | 85          |
| 4761            | 81          | 18596           | 33          | 21076           | 91          | 21763           | 91          |
| 4761            | 119         | 18596           | 35          | 21087           | 103         | 21763           | 133         |
| 4761            | 121         | 18598           | 113         | 21153           | 111         | 21763           | 135         |
| 5079            | 85          | 18599           | 99          | 21153           | 117         | 21774           | 43          |
| 5512            | 76          | 18601           | 13          | 21153           | 123         | 21806           | 135         |
| 5512            | 119         | 18601           | 117         | 21165           | 37          | 21810           | 79          |
| 5512            | 121         | 18601           | 121         | 21166           | 37          | 21822           | 91          |
| 5512            | 125         | 18604           | 133         | 21215           | 117         | 21824           | 85          |
| 5735            | 91          | 18605           | 76          | 21215           | 119         | 21827           | 101         |
| 5754            | 67          | 18638           | 3           | 21215           | 121         | 21830           | 91          |
| 6647            | 119         | 18638           | 99          | 21301           | 75          | 21836           | 83          |
| 7536            | 40          | 18638           | 119         | 21349           | 33          | 21838           | 119         |
| 7603            | 91          | 18638           | 121         | 21349           | 35          | 21843           | 85          |
| 7900            | 76          | 18639           | 99          | 21349           | 69          | 21844           | 59          |
| 7900            | 121         | 18639           | 119         | 21357           | 103         | 21855           | 83          |
| 7900            | 125         | 18639           | 121         | 21357           | 105         | 21855           | 135         |
| 7909            | 121         | 18648           | 119         | 21358           | 111         | 21856           | 135         |
| 7910            | 76          | 18648           | 121         | 21376           | 125         | 21857           | 83          |
| 7910            | 121         | 18648           | 125         | 21383           | 3           | 21857           | 135         |
| 7920            | 121         | 18666           | 99          | 21395           | 119         | 21858           | 135         |
| 9423            | 69          | 18671           | 40          | 21395           | 121         | 21859           | 117         |
| 11660           | 19          | 18671           | 69          | 21420           | 100         | 21859           | 123         |
| 11660           | 81          | 18671           | 76          | 21425           | 69          | 21873           | 103         |
| 11695           | 39          | 18671           | 117         | 21526           | 103         | 21887           | 39          |
| 13125           | 39          | 18671           | 119         | 21526           | 105         | 21903           | 16          |
| 13125           | 123         | 18671           | 121         | 21540           | 76          | 21908           | 25          |
| 13125           | 125         | 18671           | 123         | 21540           | 125         | 21909           | 25          |
| 13626           | 71          | 18671           | 125         | 21545           | 76          | 21910           | 25          |
| 13626           | 73          | 18723           | 119         | 21560           | 3           | 21913           | 63          |
| 15103           | 19          | 18881           | 91          | 21565           | 119         | 21913           | 65          |
| 15903           | 85          | 18900           | 93          | 21565           | 121         | 21913           | 133         |
| 15903           | 133         | 18900           | 100         | 21582           | 99          | 21922           | 81          |
| 15903           | 135         | 18916           | 125         | 21587           | 99          | 21931           | 16          |
| 16266           | 13          | 19488           | 13          | 21588           | 103         | 21931           | 29          |
| 16652           | 19          | 19508           | 123         | 21594           | 119         | 21943           | 25          |
| 16652           | 113         | 19508           | 125         | 21594           | 121         | 21943           | 113         |
| 16661           | 25          | 20023           | 65          | 21655           | 77          | 21964           | 31          |
| 16661           | 133         | 20023           | 65          | 21686           | 121         | 21974           | 43          |
| 17006           | 69          | 20312           | 39          | 21687           | 121         | 21980           | 47          |
| 17194           | 69          | 20424           | 61          | 21719           | 121         | 21992           | 59          |

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| 21995           | 65          | 25915           | 65          | 30200           | 109B        | 30520           | 125         |
| 21995           | 65          | 25916           | 65          | 30201           | 103         | 30542           | 25          |
| 21995           | 65          | 25991           | 129         | 30203           | 103         | 30542           | 65          |
| 21995           | 67          | 28038           | 19          | 30203           | 105         | 30542           | 65          |
| 22072           | 69          | 30005           | 61          | 30203           | 107         | 30579           | 113         |
| 23118           | 81          | 30005           | 63          | 30203           | 109B        | 30609           | 83          |
| 23165           | 129         | 30007           | 61          | 30204           | 103         | 30611           | 83          |
| 23950           | 129         | 30007           | 63          | 30205           | 103         | 30622           | 77          |
| 23957           | 129         | 30045           | 99          | 30205           | 105         | 30623           | 77          |
| 24037           | 91          | 30045           | 99B         | 30205           | 107         | 30624           | 59          |
| 24210           | 65          | 30045           | 100         | 30205           | 109B        | 30627           | 55          |
| 24210           | 65          | 30045           | 101         | 30206           | 103         | 30634           | 109         |
| 24280           | 121         | 30058           | 93          | 30215           | 25          | <b>30645</b>    | <b>47</b>   |
| 24289           | 25          | 30061           | 13          | 30215           | 43          | 30651           | 47          |
| 24318           | 133         | 30094           | 59          | 30215           | 115         | 30651           | 51          |
| 24398           | 91          | 30094           | 59          | 30241           | 47          | 30653           | 47          |
| 24556           | 47          | 30120           | 95          | 30282           | 85          | 30654           | 47          |
| 24769           | 129         | 30138           | 93          | 30282           | 91          | 30655           | 47          |
| 24777           | 129         | 30140           | 93          | 30282           | 99          | 30656           | 47          |
| 24779           | 77          | 30141           | 93          | 30282           | 99B         | 30660           | 55          |
| 24936           | 33          | 30144           | 93          | 30282           | 115         | 30664           | 99          |
| 24936           | 35          | 30144           | 100         | 30282           | 133         | 30670           | 91          |
| 24936           | 35          | 30181           | 103         | 30282           | 135         | 30682           | 47          |
| 24986           | 21          | 30181           | 105         | 30286           | 115         | 30689           | 43          |
| 25051           | 27          | 30181           | 107         | 30312           | 16          | 30695           | 83          |
| 25086           | 29          | 30182           | 103         | 30316           | 127         | 30695           | 85          |
| 25102           | 29          | 30183           | 103         | 30334           | 33          | 30716           | 109         |
| 25286           | 9           | 30184           | 103         | 30334           | 35          | 30753           | 43          |
| 25298           | 3           | 30185           | 103         | 30335           | 16          | 30753           | 67          |
| 25321           | 79          | 30186           | 103         | 30419           | 59          | 30753           | 83          |
| 25321           | 113         | 30187           | 119         | 30426           | 59          | 30753           | 91          |
| 25326           | 13          | 30189           | 103         | 30426           | 61          | 30813           | 115         |
| 25336           | 13          | 30190           | 103         | 30434           | 119         | 30833           | 119         |
| 25348           | 19          | 30190           | 105         | 30435           | 119         | 30833           | 121         |
| 25348           | 79          | 30191           | 103         | 30436           | 119         | 30858           | 83          |
| 25348           | 81          | 30191           | 105         | 30441           | 39          | 30874           | 115         |
| 25560           | 119         | 30191           | 107         | 30441           | 99          | 30875           | 101         |
| 25565           | 119         | 30191           | 109B        | 30443           | 85          | 30875           | 135         |
| 25575           | 117         | 30192           | 103         | 30445           | 119         | 30927           | 91          |
| 25575           | 119         | 30193           | 103         | 30445           | 121         | 30927           | 99          |
| 25575           | 121         | 30193           | 105         | 30446           | 119         | 30927           | 99B         |
| 25579           | 117         | 30194           | 103         | 30446           | 121         | 30937           | 47          |
| 25579           | 119         | 30194           | 105         | 30457           | 21          | 30937           | 59          |
| 25579           | 121         | 30196           | 103         | 30457           | 23          | 30938           | 69          |
| 25699           | 119         | 30199           | 103         | 30500           | 59          | 30939           | 91          |
| 25849           | 47          | 30200           | 103         | 30500           | 59          | 30939           | 99          |
| 25850           | 47          | 30200           | 105         | 30516           | 125         | 30939           | 99B         |
| 25851           | 47          | 30200           | 107         | 30517           | 125         | 30943           | 13          |

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| 30970           | 91          | 42067           | 15          | 42239           | 15          | 42496           | 113         |
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| 30971           | 91          | 42075           | 29          | 42249           | 43          | 42518           | 16          |
| 30971           | 97          | 42075           | 37          | 42250           | 43          | 42518           | 29          |
| 30971           | 99          | 42076           | 29          | 42251           | 127         | 42523           | 21          |
| 30971           | 99B         | 42086           | 69          | 42255           | 47          | 42523           | 23          |
| 31062           | 43          | 42093           | 10          | 42264           | 11          | 42523           | 29          |
| 31889           | 43          | 42094           | 10          | 42266           | 3           | 42523           | 43          |
| 32009           | 127         | 42095           | 10          | 42266           | 11          | 42536           | 11          |
| 32070           | 129         | 42099           | 3           | 42266           | 16          | 42543           | 9           |
| 32225           | 83          | 42099           | 47          | 42266           | 57          | 42579           | 7           |
| 32225           | 85          | 42099           | 51          | 42269           | 57          | 42592           | 3           |
| 32738           | 127         | 42099           | 69          | 42270           | 3           | 42592           | 9           |
| 32743           | 127         | 42102           | 21          | 42272           | 11          | 42592           | 69          |
| 32744           | 127         | 42104           | 39          | 42273           | 11          | 42592           | 117         |
| 32800           | 77          | 42123           | 127         | 42274           | 57          | 42598           | 29          |
| 32879           | 129         | 42125           | 85          | 42274           | 67          | 42610           | 65          |
| 35298           | 117         | 42125           | 88          | 42275           | 29          | 42610           | 65          |
| 36229           | 39          | 42126           | 85          | 42276           | 29          | 42615           | 10          |
| 36651           | 127         | 42126           | 89          | 42277           | 29          | 42616           | 10          |
| 37551           | 69          | 42130           | 127         | 42279           | 33          | 42617           | 10          |
| 37687           | 3           | 42135           | 10          | 42279           | 35          | 42643           | 7           |
| 37758           | 83          | 42155           | 69          | 42280           | 33          | 42644           | 11          |
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| 39273           | 117         | 42160           | 71          | 42405           | 3           | 42658           | 33          |
| 39273           | 123         | 42161           | 71          | 42406           | 3           | 42658           | 35          |
| 40766           | 39          | 42162           | 71          | 42407           | 3           | 42678           | 25          |
| 41357           | 39          | 42162           | 73          | 42415           | 9           | 42678           | 43          |
| 41982           | 125         | 42166           | 71          | 42415           | 67          | 42688           | 57          |
| 42001           | 103         | 42167           | 71          | 42416           | 5           | 42691           | 39          |
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| 42008           | 51          | 42168           | 71          | 42431           | 39          | 42696           | 129         |
| 42014           | 59          | 42169           | 71          | 42432           | 39          | 42727           | 16          |
| 42016           | 69          | 42172           | 75          | 42433           | 39          | 42727           | 29          |
| 42028           | 91          | 42174           | 75          | 42434           | 39          | 42727           | 33          |
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| 42938           | 27          | 44784           | 39          | 45154           | 85          | 45575           | 95          |
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| 43848           | 57          | 44873           | 75          | 45160           | 83          | 45595           | 75          |
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| 44201           | 91          | 44977           | 39          | 45178           | 85          | 45610           | 100         |
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| 45757           | 10          | 45911           | 131         | 49737           | 97          | 49805           | 95          |
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| 45760           | 3           | 45913           | 131         | 49739           | 97          | 49808           | 93          |
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| 111234          | 78          | 111343          | 115         | 111442          | 59          | 111688          | 47          |
| 111236          | 78          | 111345          | 115         | 111445          | 57          | 111689          | 47          |
| 111237          | 78          | 111350          | 65          | 111448          | 35          | 111690          | 47          |
| 111242          | 78          | 111350          | 65          | 111457          | 105         | 111692          | 21          |
| 111246          | 78          | 111353          | 57          | 111458          | 83          | 111717          | 63          |
| 111247          | 78          | 111356          | 57          | 111466          | 53          | 111735          | 51          |
| 111248          | 78          | 111357          | 63          | 111468          | 109         | 111736          | 51          |
| 111249          | 78          | 111360          | 51          | 111469          | 109         | 111737          | 51          |
| 111251          | 111         | 111361          | 51          | 111470          | 109         | 111738          | 51          |
| 111252          | 111         | 111365          | 65          | 111471          | 109         | 111739          | 51          |
| 111253          | 107         | 111367          | 43          | 111472          | 109         | 111740          | 51          |
| 111254          | 111         | 111368          | 43          | 111473          | 109         | 111741          | 51          |
| 111255          | 61          | 111369          | 53          | 111474          | 109         | 111742          | 51          |
| 111258          | 107         | 111372          | 111         | 111475          | 109         | 111743          | 51          |
| 111258          | 109B        | 111373          | 111         | 111476          | 109         | 111744          | 51          |
| 111259          | 107         | 111376          | 59          | 111477          | 109         | 111745          | 51          |
| 111259          | 109B        | 111377          | 65          | 111478          | 109         | 111746          | 51          |
| 111260          | 107         | 111378          | 57          | 111479          | 109         | 111747          | 51          |
| 111260          | 109B        | 111379          | 53          | 111480          | 109         | 111748          | 51          |
| 111261          | 107         | 111380          | 53          | 111481          | 109         | 111749          | 51          |
| 111261          | 109B        | 111384          | 51          | 111483          | 109         | 111750          | 51          |
| 111265          | 109         | 111388          | 91          | 111484          | 109         | 111751          | 51          |
| 111265          | 115         | 111388          | 137         | 111485          | 109         | 111752          | 51          |
| 111270          | 31          | 111389          | 137         | 111488          | 109         | 111753          | 51          |
| 111270          | 51          | 111390          | 65          | 111489          | 109         | 111754          | 51          |
| 111273          | 51          | 111391          | 33          | 111490          | 109         | 111755          | 51          |
| 111276          | 137         | 111391          | 35          | 111491          | 109         | 111756          | 51          |
| 111278          | 85          | 111393          | 59          | 111492          | 109         | 111757          | 51          |
| 111281          | 69          | 111395          | 35          | 111493          | 109         | 111759          | 51          |
| 111282          | 69          | 111396          | 51          | 111494          | 109         | 111760          | 51          |
| 111284          | 73          | 111397          | 51          | 111495          | 109         | 111763          | 79          |
| 111286          | 73          | 111399          | 53          | 111496          | 109         | 111766          | 51          |
| 111289          | 73          | 111400          | 51          | 111497          | 109         | 111767          | 51          |
| 111291          | 73          | 111401          | 51          | 111499          | 109         | 111768          | 51          |
| 111292          | 69          | 111402          | 35          | 111500          | 51          | 111777          | 53          |
| 111295          | 73          | 111404          | 51          | 111582          | 23          | 111778          | 109         |
| 111298          | 73          | 111415          | 23          | 111602          | 83          | 111779          | 109         |
| 111299          | 73          | 111430          | 133         | 111605          | 83          | 111783          | 33          |
| 111300          | 73          | 111432          | 109         | 111606          | 83          | 111784          | 33          |
| 111301          | 79          | 111433          | 109         | 111608          | 59          | 111785          | 59          |
| 111302          | 73          | 111434          | 109         | 111613          | 59          | 111795          | 111         |
| 111338          | 99          | 111435          | 109         | 111618          | 109         | 111819          | 73          |
| 111338          | 99B         | 111436          | 53          | 111620          | 51          | 111820          | 73          |
| 111338          | 115         | 111437          | 23          | 111621          | 53          | 111848          | 129         |
| 111339          | 115         | 111438          | 99          | 111622          | 78          | 111959          | 73          |
| 111340          | 115         | 111439          | 99          | 111623          | 78          | 111960          | 73          |
| 111341          | 115         | 111440          | 59          | 111624          | 78          | 111961          | 73          |
| 111342          | 115         | 111442          | 47          | 111631          | 65          | 111962          | 73          |

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| 112002          | 117         | 112149          | 67          | 112219          | 57          | 112433          | 125         |
| 112003          | 117         | 112150          | 43          | 112220          | 7           | 112437          | 37          |
| 112003          | 123         | 112151          | 43          | 112220          | 57          | 112438          | 125         |
| 112003          | 125         | 112152          | 43          | 112221          | 7           | 112441          | 125         |
| 112007          | 75          | 112153          | 59          | 112224          | 39          | 112442          | 125         |
| 112008          | 117         | 112154          | 59          | 112225          | 39          | 112443          | 43          |
| 112012          | 75          | 112156          | 43          | 112226          | 39          | 112448          | 37          |
| 112024          | 47          | 112160          | 67          | 112227          | 61          | 112449          | 57          |
| 112030          | 65          | 112161          | 67          | 112228          | 61          | 112454          | 53          |
| 112044          | 59          | 112165          | 130         | 112230          | 61          | 112461          | 37          |
| 112053          | 57          | 112166          | 130         | 112230          | 63          | 112475          | 111         |
| 112054          | 57          | 112167          | 130         | 112231          | 61          | 112476          | 63          |
| 112055          | 67          | 112168          | 130         | 112233          | 91          | 112481          | 63          |
| 112062          | 57          | 112169          | 130         | 112242          | 57          | 112484          | 63          |
| 112063          | 57          | 112175          | 67          | 112246          | 57          | 112485          | 63          |
| 112067          | 57          | 112176          | 67          | 112247          | 57          | 112486          | 63          |
| 112068          | 57          | 112177          | 63          | 112249          | 91          | 112487          | 53          |
| 112073          | 57          | 112177          | 67          | 112250          | 91          | 112490          | 100         |
| 112074          | 57          | 112179          | 85          | 112251          | 67          | 112491          | 100         |
| 112077          | 57          | 112180          | 57          | 112254          | 67          | 112493          | 100         |
| 112078          | 57          | 112181          | 85          | 112255          | 67          | 112508          | 57          |
| 112081          | 31          | 112183          | 85          | 112256          | 67          | 112517          | 57          |
| 112082          | 31          | 112184          | 91          | 112257          | 130         | 112520          | 115         |
| 112092          | 59          | 112185          | 67          | 112258          | 130         | 112523          | 57          |
| 112093          | 31          | 112187          | 57          | 112261          | 61          | 112524          | 57          |
| 112095          | 59          | 112188          | 57          | 112263          | 83          | 112530          | 131         |
| 112099          | 57          | 112190          | 85          | 112264          | 83          | 112531          | 131         |
| 112102          | 41          | 112191          | 85          | 112265          | 57          | 112532          | 131         |
| 112108          | 57          | 112194          | 83          | 112266          | 79          | 112533          | 131         |
| 112110          | 57          | 112194          | 91          | 112269          | 39          | 112534          | 131         |
| 112114          | 55          | 112195          | 31          | 112274          | 69          | 112536          | 131         |
| 112115          | 55          | 112196          | 31          | 112280          | 99          | 112537          | 131         |
| 112116          | 55          | 112197          | 85          | 112281          | 113         | 112538          | 131         |
| 112120          | 61          | 112199          | 85          | 112282          | 113         | 112540          | 131         |
| 112121          | 61          | 112201          | 85          | 112283          | 113         | 112541          | 131         |
| 112121          | 63          | 112202          | 99          | 112400          | 130         | 112657          | 57          |
| 112122          | 41          | 112204          | 83          | 112401          | 130         | 112662          | 33          |
| 112126          | 41          | 112205          | 57          | 112402          | 130         | 112662          | 47          |
| 112131          | 61          | 112206          | 59          | 112403          | 130         | 112662          | 47          |
| 112132          | 57          | 112207          | 31          | 112404          | 131         | 112692          | 33          |
| 112134          | 57          | 112208          | 133         | 112405          | 131         | 112692          | 35          |
| 112135          | 57          | 112208          | 135         | 112406          | 131         | 112761          | 130         |
| 112140          | 43          | 112209          | 133         | 112407          | 131         | 112762          | 131         |
| 112142          | 59          | 112209          | 135         | 112410          | 43          | 112763          | 130         |
| 112143          | 133         | 112211          | 133         | 112415          | 43          | 112764          | 131         |
| 112143          | 135         | 112215          | 59          | 112416          | 41          | 112765          | 131         |
| 112145          | 59          | 112216          | 57          | 112419          | 85          | 112766          | 130         |
| 112146          | 111         | 112217          | 57          | 112420          | 85          | 112767          | 130         |
| 112147          | 57          | 112218          | 57          | 112428          | 125         | 112768          | 131         |

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| 112769          | 131         | <b>162393</b>   | <b>93</b>   | 167036          | 130         |                 |             |
| 112770          | 131         | 163247          | 65          | 167037          | 130         |                 |             |
| 112811          | 83          | 163555          | 43          | 167038          | 131         |                 |             |
| 112825          | 63          | 163556          | 43          | 167039          | 131         |                 |             |
| 112826          | 53          | 163563          | 57          | 167040          | 131         |                 |             |
| 112848          | 87          | 163570          | 25          | 167047          | 37          |                 |             |
| 112876          | 43          | 163581          | 47          | 167049          | 43          |                 |             |
| 112947          | 43          | <b>163745</b>   | <b>109B</b> | 167050          | 43          |                 |             |
| 112966          | 43          | <b>163746</b>   | <b>109B</b> | 167051          | 43          |                 |             |
| 112979          | 43          | <b>163747</b>   | <b>109B</b> | 167053          | 43          |                 |             |
| 112979          | 51          | <b>163749</b>   | <b>109B</b> | 167054          | 43          |                 |             |
| 112980          | 129         | <b>163750</b>   | <b>109B</b> | 167055          | 43          |                 |             |
| 112984          | 43          | <b>163751</b>   | <b>109B</b> | 167063          | 130         |                 |             |
| 112996          | 87          | <b>163752</b>   | <b>109B</b> | 167028          | 109         |                 |             |
| 112997          | 115         | <b>163753</b>   | <b>109B</b> | <b>167299</b>   | <b>73</b>   |                 |             |
| 113532          | 133         | <b>163755</b>   | <b>109B</b> | <b>167301</b>   | <b>73</b>   |                 |             |
| 113747          | 39          | <b>163756</b>   | <b>109B</b> | <b>167302</b>   | <b>73</b>   |                 |             |
| 113748          | 39          | <b>163763</b>   | <b>109B</b> | <b>167303</b>   | <b>73</b>   |                 |             |
| 115074          | 69          | <b>163828</b>   | <b>103</b>  | <b>167304</b>   | <b>73</b>   |                 |             |
| 115145          | 129         | <b>163829</b>   | <b>103</b>  | <b>167305</b>   | <b>73</b>   |                 |             |
| 115147          | 129         | <b>163830</b>   | <b>103</b>  | <b>167306</b>   | <b>73</b>   |                 |             |
| 118283          | 39          | <b>163837</b>   | <b>103</b>  | <b>167307</b>   | <b>73</b>   |                 |             |
| 118283          | 39          | <b>163978</b>   | <b>103</b>  | <b>167308</b>   | <b>73</b>   |                 |             |
| 135003          | 111         | <b>163979</b>   | <b>103</b>  | <b>167309</b>   | <b>73</b>   |                 |             |
| 135025          | 99          | <b>163980</b>   | <b>103</b>  | <b>167310</b>   | <b>73</b>   |                 |             |
| 135148          | 129         | <b>166175</b>   | <b>109B</b> | <b>167311</b>   | <b>73</b>   |                 |             |
| 135216          | 43          | <b>166285</b>   | <b>109B</b> | <b>167312</b>   | <b>73</b>   |                 |             |
| 135224          | 43          | <b>166286</b>   | <b>109B</b> | <b>167337</b>   | <b>99B</b>  |                 |             |
| 135224          | 59          | 167001          | 73          | <b>167339</b>   | <b>99B</b>  |                 |             |
| 135258          | 43          | 167002          | 129         | <b>167341</b>   | <b>99B</b>  |                 |             |
| 135270          | 63          | 167004          | 91          | <b>167341</b>   | <b>109B</b> |                 |             |
| 135270          | 63          | 167006          | 73          | <b>167346</b>   | <b>93</b>   |                 |             |
| 135339          | 43          | 167008          | 73          | <b>167432</b>   | <b>103</b>  |                 |             |
| 138002          | 109         | 167009          | 73          | <b>167433</b>   | <b>103</b>  |                 |             |
| 138005          | 73          | 167010          | 73          | B1570           | 117         |                 |             |
| <b>150838</b>   | <b>73</b>   | 167012          | 73          | B2266           | 41          |                 |             |
| 160101          | 15          | 167013          | 73          | B2773           | 39          |                 |             |
| 162024          | 57          | 167014          | 73          | B2964           | 135         |                 |             |
| 162028          | 63          | 167015          | 73          | B2980           | 41          |                 |             |
| 162029          | 63          | 167016          | 37          | B2981           | 41          |                 |             |
| 162030          | 63          | 167017          | 37          |                 |             |                 |             |
| 162034          | 47          | 167019          | 37          |                 |             |                 |             |
| <b>162246</b>   | <b>109B</b> | 167022          | 129         |                 |             |                 |             |
| <b>162288</b>   | <b>91</b>   | 167030          | 75          |                 |             |                 |             |
| <b>162289</b>   | <b>91</b>   | 167031          | 130         |                 |             |                 |             |
| <b>162290</b>   | <b>91</b>   | 167033          | 131         |                 |             |                 |             |
| <b>162292</b>   | <b>91</b>   | 167034          | 131         |                 |             |                 |             |
| <b>162393</b>   | <b>93</b>   | 167035          | 131         |                 |             |                 |             |

**Model 9250/9350/9352/9352i/9352c, 4940/4950/4952/4952i/4952c,  
2940/2950/2952/2952i/2952c, 8140/8150/8152/8152i/8152c  
Windrower (Tractor Unit)  
SUGGESTED STOCKING LIST**

| P.C.<br>REF                                                                                                                                                                                                              | PART<br>NUMBER | DESCRIPTION                           | SUGGESTED QTY.<br>2 UNITS | 5 UNITS | ORDER<br>QTY | UNIT<br>PRICE | EXT.<br>PRICE |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------------|---------------------------|---------|--------------|---------------|---------------|
| <u>LIGHTS – Parts Catalog Pg 9</u>                                                                                                                                                                                       |                |                                       |                           |         |              |               |               |
| 13                                                                                                                                                                                                                       | 109224         | BULB – headlight, 9005                | 2                         | 5       |              |               |               |
| 20                                                                                                                                                                                                                       | 109113         | BULB – worklight                      | 5                         | 10      |              |               |               |
| <u>CAB A/C &amp; BLOWER - Parts Catalog Pg 29</u>                                                                                                                                                                        |                |                                       |                           |         |              |               |               |
| 2                                                                                                                                                                                                                        | 42895          | O-RING                                | 5                         | 10      |              |               |               |
| 19                                                                                                                                                                                                                       | 42445          | CLEANER - air intake                  | 0                         | 2       |              |               |               |
| 25                                                                                                                                                                                                                       | 42925          | SWITCH - low pressure                 | 1                         | 1       |              |               |               |
| 26                                                                                                                                                                                                                       | 42894          | O-RING                                | 5                         | 10      |              |               |               |
| 27                                                                                                                                                                                                                       | 42896          | O-RING                                | 5                         | 10      |              |               |               |
| <u>A/C - ENGINE GROUP - Parts Catalog Pg 31</u>                                                                                                                                                                          |                |                                       |                           |         |              |               |               |
| 3                                                                                                                                                                                                                        | 112082         | DRIER/RECEIVER                        | 1                         | 1       |              |               |               |
| 4                                                                                                                                                                                                                        | 112081         | SWITCH – high pressure                | 1                         | 1       |              |               |               |
| 11                                                                                                                                                                                                                       | 21964          | BELT - compressor drive               | 1                         | 1       |              |               |               |
| <u>ENGINE ASSEMBLY – CUMMINS ENGINE TRACTORS - Parts Catalog Pg 47</u>                                                                                                                                                   |                |                                       |                           |         |              |               |               |
| 25                                                                                                                                                                                                                       | 111688         | BELT - fan / alternator               | 0                         | 1       |              |               |               |
| 28                                                                                                                                                                                                                       | 111690         | FILTER ELEMENT - oil                  | 1                         | 3       |              |               |               |
| 29                                                                                                                                                                                                                       | 111689         | FILTER ELEMENT - fuel                 | 1                         | 3       |              |               |               |
| <u>ENGINE ASSEMBLY – ISUZU ENGINE TRACTORS – Parts Catalog Pg 53</u>                                                                                                                                                     |                |                                       |                           |         |              |               |               |
| 15                                                                                                                                                                                                                       | 111380         | FILTER ELEMENT – oil                  | 1                         | 3       |              |               |               |
| 16                                                                                                                                                                                                                       | 111379         | FILTER ELEMENT – fuel, primary        | 1                         | 3       |              |               |               |
| 19                                                                                                                                                                                                                       | 112826         | BELT – fan/alternator                 | 0                         | 2       |              |               |               |
| <u>FUEL SYSTEM – Parts Catalog Pg 57</u>                                                                                                                                                                                 |                |                                       |                           |         |              |               |               |
| 28                                                                                                                                                                                                                       | 111608         | FILTER – fuel                         | 1                         | 3       |              |               |               |
| <u>ENGINE AIR INTAKE - CUMMINS ENGINE TRACTORS - Parts Catalog Pg 61</u>                                                                                                                                                 |                |                                       |                           |         |              |               |               |
|                                                                                                                                                                                                                          | 111060         | * FILTER - primary (outer), Nat. Asp. | 1                         | 2       |              |               |               |
|                                                                                                                                                                                                                          | 111061         | * FILTER - safety (inner), Nat. Asp.  | 1                         | 2       |              |               |               |
|                                                                                                                                                                                                                          | 111134         | * FILTER - primary (outer), Turbo     | 1                         | 2       |              |               |               |
|                                                                                                                                                                                                                          | 111135         | * FILTER - safety (inner), Turbo      | 1                         | 2       |              |               |               |
|                                                                                                                                                                                                                          |                | * Order to suit engine type           |                           |         |              |               |               |
| <u>ENGINE AIR INTAKE - ISUZU ENGINE TRACTORS &amp; CUMMINS SN 174610 and ABOVE - Parts Catalog Pg 63</u>                                                                                                                 |                |                                       |                           |         |              |               |               |
|                                                                                                                                                                                                                          | 112687         | FILTER - primary (outer)              | 1                         | 2       |              |               |               |
|                                                                                                                                                                                                                          | 112688         | FILTER - safety (inner)               | 1                         | 2       |              |               |               |
| <u>HEADER DRIVE - Parts Catalog Pg 69</u>                                                                                                                                                                                |                |                                       |                           |         |              |               |               |
| 8                                                                                                                                                                                                                        | 37551          | BUSHING - plastic                     | 2                         | 4       |              |               |               |
| 10                                                                                                                                                                                                                       | 42086          | ● BELT - header drive                 | 1                         | 2       |              |               |               |
| 23                                                                                                                                                                                                                       | 50041          | SEAL - oil, outer, clutch cylinder    | 1                         | 1       |              |               |               |
|                                                                                                                                                                                                                          | 50042          | SEAL - oil, inner, clutch cylinder    | 1                         | 1       |              |               |               |
| 38                                                                                                                                                                                                                       | 45959          | ■ BELT – header drive                 | 1                         | 2       |              |               |               |
| ● - MacDon 9250/9350, Westward 9250/9350, Prairie Star 4940/4950, Premier 2940/2950, Harvest Pro 8140/8150<br>■ - MD 9352/9352i/9352c, WP 9352/9352i/9352c, PS 4952/4952i/4952c, PR 2952/2952i/2952c, HP8152/8152i/8152c |                |                                       |                           |         |              |               |               |
| <u>DRIVELINE: ENGINE/GEARBOX - Parts Catalog Pg 75</u>                                                                                                                                                                   |                |                                       |                           |         |              |               |               |
| 9                                                                                                                                                                                                                        | 42172          | CROSS & BEARING KIT                   | 0                         | 1       |              |               |               |

**Model 9250/9350/9352/9352i/9352c, 4940/4950/4952/4952i/4952c,  
2940/2950/2952/2952i/2952c, 8140/8150/8152/8152i/8152c**  
**Windrower (Tractor Unit)**  
**SUGGESTED STOCKING LIST**

| P.C.<br>REF                                                             | PART<br>NUMBER | DESCRIPTION                        | SUGGESTED QTY. |         | ORDER<br>QTY | UNIT<br>PRICE | EXT.<br>PRICE |
|-------------------------------------------------------------------------|----------------|------------------------------------|----------------|---------|--------------|---------------|---------------|
|                                                                         |                |                                    | 2 UNITS        | 5 UNITS |              |               |               |
| <u>HEADER DRIVE PULLEY - Parts Catalog Pg 76</u>                        |                |                                    |                |         |              |               |               |
| 2                                                                       | 7900           | CUP - bearing                      | 0              | 2       |              |               |               |
| 5                                                                       | 7910           | CONE - bearing, with seal          | 0              | 2       |              |               |               |
| <u>DRIVELINE: TRACTOR/HEADER - Parts Catalog Pg 78</u>                  |                |                                    |                |         |              |               |               |
| 2                                                                       | 111228         | CROSS & BEARING KIT                | 1              | 3       |              |               |               |
| <u>NEUTRAL INTERLOCK - Parts Catalog Pg 75</u>                          |                |                                    |                |         |              |               |               |
| 3                                                                       | 21810          | BUSHING - rubber                   | 0              | 2       |              |               |               |
| <u>STEERING &amp; GROUND SPEED - Parts Catalog Pg 81</u>                |                |                                    |                |         |              |               |               |
| 2                                                                       | 50040          | BUSHING - rubber                   | 1              | 2       |              |               |               |
| <u>HYDRAULICS: HEADER DRIVE - Parts Catalog Pg 83</u>                   |                |                                    |                |         |              |               |               |
| 21                                                                      | 45205          | FILTER - element                   | 4              | 10      |              |               |               |
| 29                                                                      | 49725          | FLOW CONTROL - header drive        | 1              | 2       |              |               |               |
| 32                                                                      | 111225         | COIL - header drive block          | 1              | 2       |              |               |               |
| <u>HYDRAULICS: CYLINDER CONTROL - Parts Catalog Pgs 85, 88 &amp; 89</u> |                |                                    |                |         |              |               |               |
| 24                                                                      | 112419         | FILTER - element                   | 4              | 10      |              |               |               |
| 31                                                                      | 42125          | SEAL KIT - L/H lift cylinder       | 0              | 1       |              |               |               |
| 40                                                                      | 42126          | SEAL KIT - R/H lift cylinder       | 0              | 1       |              |               |               |
| <u>HYDRAULICS: TRIPLE PUMP - Parts Catalog Pgs 93 &amp; 94</u>          |                |                                    |                |         |              |               |               |
| 15                                                                      | 50217          | SHAFT SEAL - piston pump           | 0              | 1       |              |               |               |
| *                                                                       | 49861          | SEAL KIT - triple pump             | 0              | 1       |              |               |               |
| *                                                                       | 49809          | SEAL KIT - double gear pump        | 1              | 2       |              |               |               |
| <u>HYDRAULICS: WHEEL MOTOR - Parts Catalog Pg 97</u>                    |                |                                    |                |         |              |               |               |
| 24                                                                      | 49751          | SEAL - shaft (2 Speed Units)       | 0              | 1       |              |               |               |
| <u>WHEEL MOTOR ASSEMBLY - Parts Catalog Pg 100, 101</u>                 |                |                                    |                |         |              |               |               |
| 2                                                                       | 30045          | O-RING - power wheel/ motor seal   | 0              | 1       |              |               |               |
| 2                                                                       | 50217          | SEAL - shaft (Single Speed Units)  | 0              | 1       |              |               |               |
| <u>WHEEL MOTOR ASSEMBLY - Parts Catalog Pg 104</u>                      |                |                                    |                |         |              |               |               |
| 5                                                                       | 111106         | SEAL - oil (two speed units - 7)   | 0              | 1       |              |               |               |
| 27                                                                      | 111105         | O-RING                             | 0              | 1       |              |               |               |
| <u>WHEEL MOTOR ASSEMBLY - Parts Catalog Pg 107</u>                      |                |                                    |                |         |              |               |               |
| 5                                                                       | 49885          | SEAL - oil (two speed units - 8B)  | 0              | 1       |              |               |               |
| 25                                                                      | 111105         | O-RING                             | 0              | 1       |              |               |               |
| <u>WHEEL MOTOR ASSEMBLY - Parts Catalog Pg 109</u>                      |                |                                    |                |         |              |               |               |
| 5                                                                       | 111778         | KIT - seal (two speed units - R&R) | 0              | 1       |              |               |               |
| <u>PAINT - Parts Catalog Pg 129</u>                                     |                |                                    |                |         |              |               |               |
|                                                                         | 25991          | PAINT - black, 1 litre             | 1              | 1       |              |               |               |
|                                                                         | 23957          | PAINT - white, 1 litre             | 1              | 1       |              |               |               |
|                                                                         | 49832          | PAINT - red, 1 US Quart            | 1              | 1       |              |               |               |
|                                                                         | 49833          | ACTIVATOR - for paint, 1 US Pint   | 1              | 1       |              |               |               |
|                                                                         | 49834          | REDUCER - for paint, 1 US Quart    | 1              | 1       |              |               |               |