

M155

Self-Propelled Windrower

Parts Catalog

262096 Revision A

Original Instruction

M155 Self-Propelled Windrower, featuring the Dual Direction® and Ultra Glide® suspension.



Published September 2022

NOTE:

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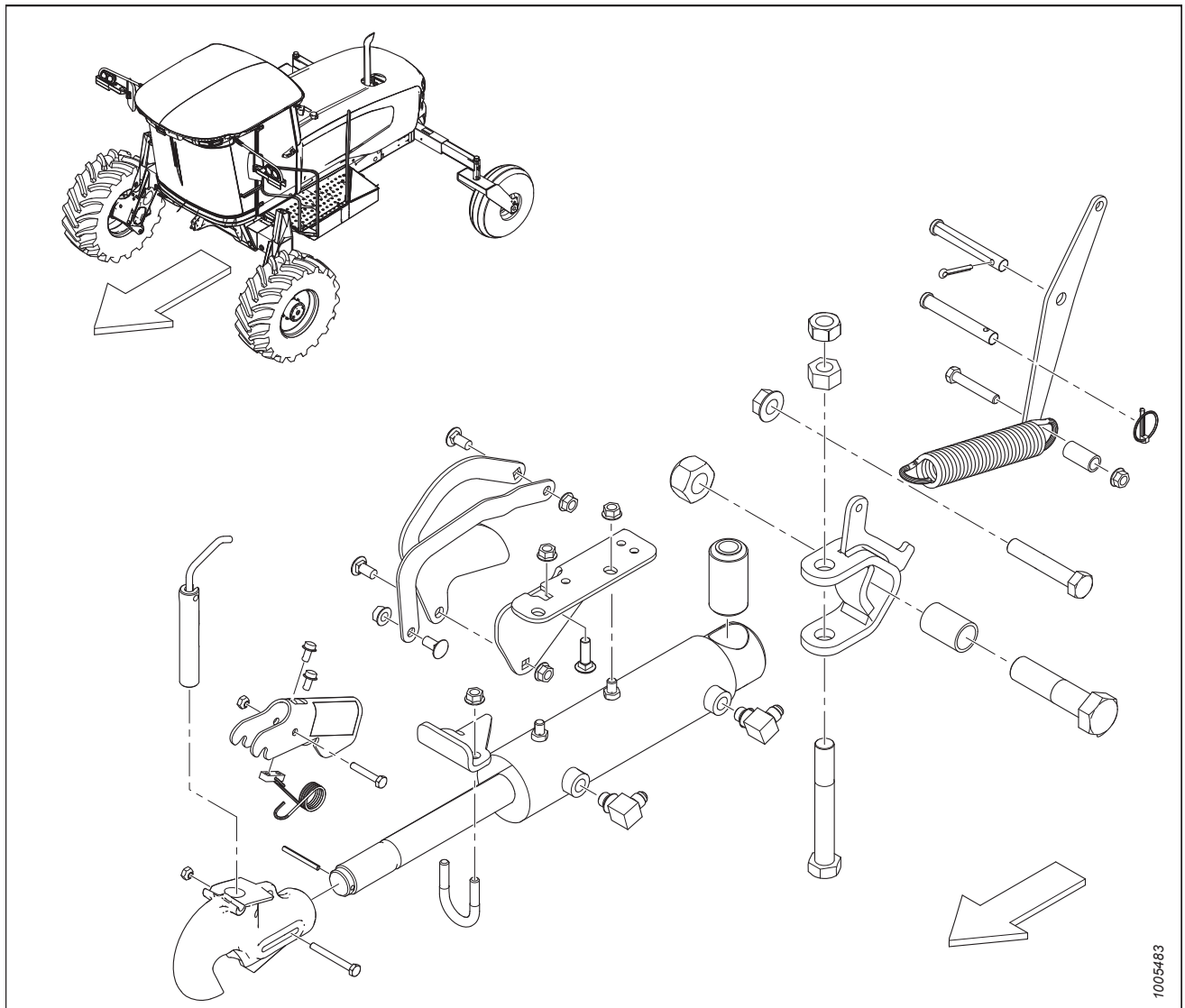
Introduction

This Parts Catalog lists all the replacement parts that can be ordered for a MacDon M155 Self-Propelled Windrower.

Bold text is used to indicate updates made at the current revision level. With each new revision of the catalog, previous revisions are returned to regular text.

Electrical connectors used on MacDon products are available for sale but not listed in this catalog. For the list of available connectors, refer to the Electrical Connectors Parts Catalog (169641).

In this catalog, right-hand (RH) and left-hand (LH) are determined from the operator's position, facing forward with the windrower in cab-forward position. An arrow is sometimes used in illustrations to indicate cab-forward position as shown below.



Abbreviations

A/R – as required (quantity varies)	ASSY – assembly	BHRN – button head rib neck
BV – ball valve	CCW – counterclockwise	CON – conical (spring washer)
CSK – countersink	C/W – complete with	CW – clockwise
DBLE – double	DK – double knife	DR – double reel
DT – distorted thread	FLG – flange	GA – gauge
GR – grade	GS – grass seed	HD – head
HDR – header	HFA – hydraulic fore-aft	HH – hex head
HNBR – hydrogenated nitrile butadiene rubber	HYD – hydraulic	I.D. – inside diameter
IP – internal plus (torx plus)	KP – knife pressure	KR – knife return
LG – long	LH – left hand (determined from Operator's position, facing forward)	LK – lock
MACH – machine	MD – MacDon	MFA – manual fore-aft
MY – model year	NC – national coarse thread	NF – national fine thread
NSS – not sold separately	NT – narrow transport	O.D. – outside diameter
OPT – optional	PO – pilot operated	PT – pull-type (mower conditioner)
RC – roller chain	REF – reference, part number called up elsewhere in catalog	REG – regular
RH – right hand (determined from Operator's position, facing forward)	RHSN – round head, square neck or square neck carriage bolt	RHSSN – round head, short, square neck
RTD – rotating tine drum	SAE – Society of Automotive Engineers (part produced to comply with)	SD – side draper
SER – serrated	SK – single knife	SKT HD – socket head
SMTH – smooth	SMV – slow moving vehicle	SOCK – socket
SP – self-propelled (windrower) header	SPCL – special	SPH – spherical
SPI – serrations per inch (knife Sections)	SR – single reel	STL – steel (stainless)
STR – standard	STVR – Stover	TFL – thread full length
THD – thread	TR – triple reel	UCA – upper cross auger
UDK – untimed double knife	UNC – unified coarse thread	UNEF – unified extra fine thread
UNF – unified fine thread	UNS – unified special thread series	VK – vertical knife
WF – wide frame	ZP – zinc plated	

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:

- –162249 Used on machines up to and including serial number 166249.
- 166250– Used on machines including and after serial number 166250.

Summary of Changes – M155 (262096 Rev. A)

This list covers changes made since the last revision (215678 Rev. A).

Section	Summary of Change	Internal Use Only
<i>16 Engine Sub Assembly, page 35</i>	Engine fan 112842 superseded by fan 160739. Updated illustration from 1004829 to 1039944.	ECN 63302
<i>21 Engine Air Intake – 2018 and Later, page 47</i>	Hose clamp 135534 replaced by constant torque clamp 209520. Updated illustration from 1022093 to 1039965.	ECN 62629
<i>25 Cooler Box, page 55</i>	Replaced exhaust cover door 166432 by cooler door cover assembly 306795. Updated illustration from 1004841 to 1039971.	ECN 63076
<i>30 Cab Suspension, page 69</i>	Stabilizer link 183029 superseded by stabilizer link assembly 306692.	ECN 62800
<i>30 Cab Suspension, page 69</i> <i>87 (Option) Cab Suspension Limit Strap Kit, page 213</i>	Limit strap stop 167523 superseded by limit strap stop 306850.	ECN 63438
<i>45 Console Components, page 109</i>	Replaced cigarette lighter 42447 by power outlet 109080 and end cap 109081. Updated illustration from 1018683 to 1039945.	ECN 63345
<i>77 Decals – Safety (2013 and Later), page 191</i>	Hot fluid decal 166461 replaced by Nitrite-free decal 306756. Updated illustration from 1029975 to 1039970.	ECN 63076

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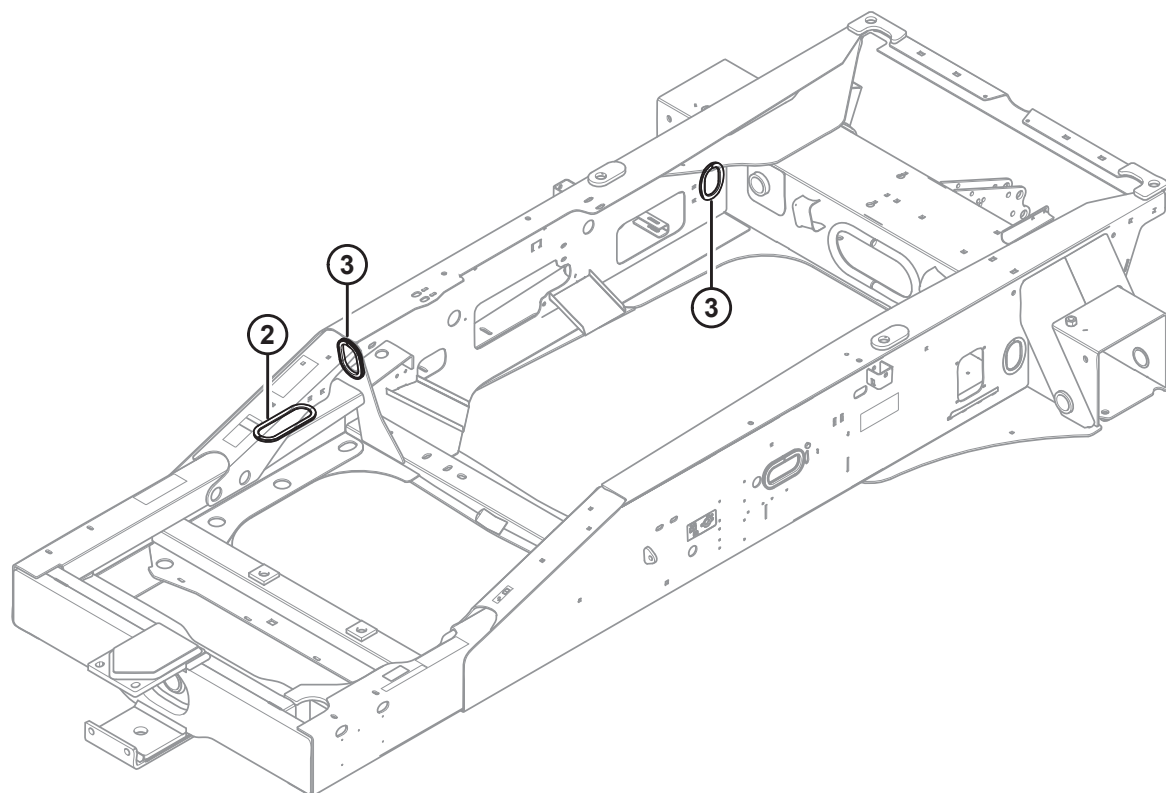
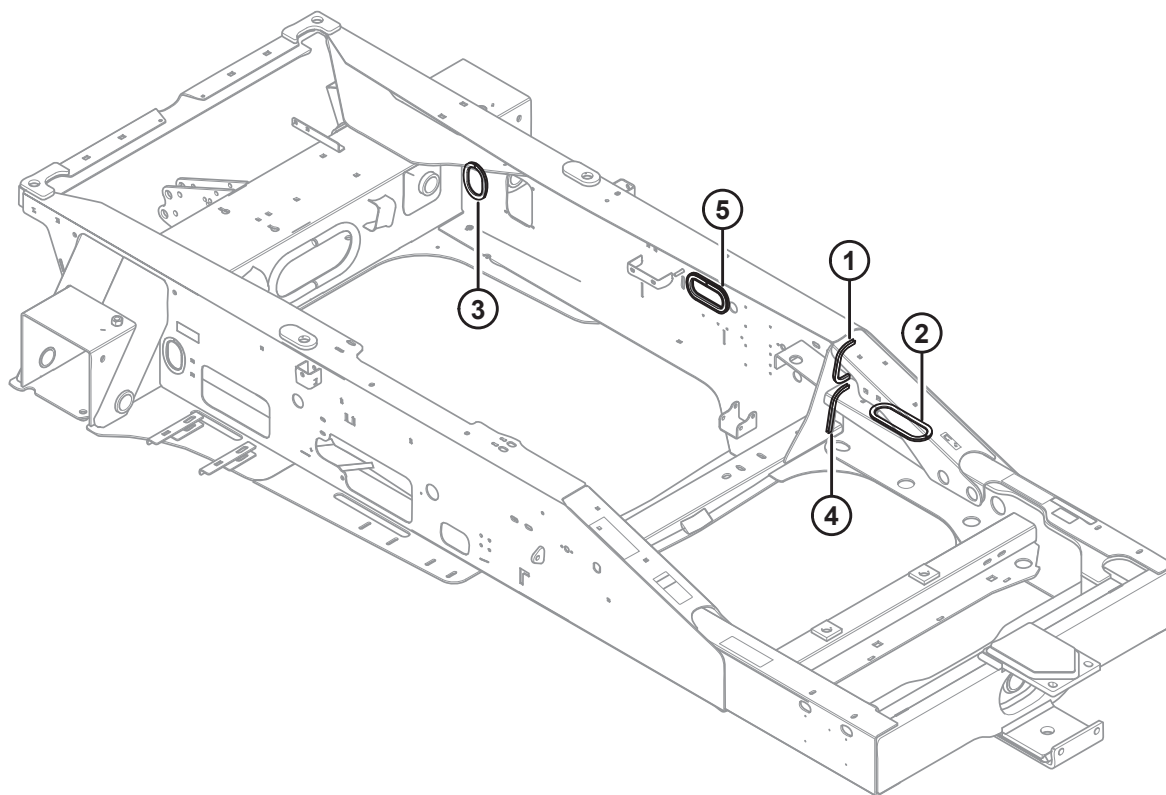
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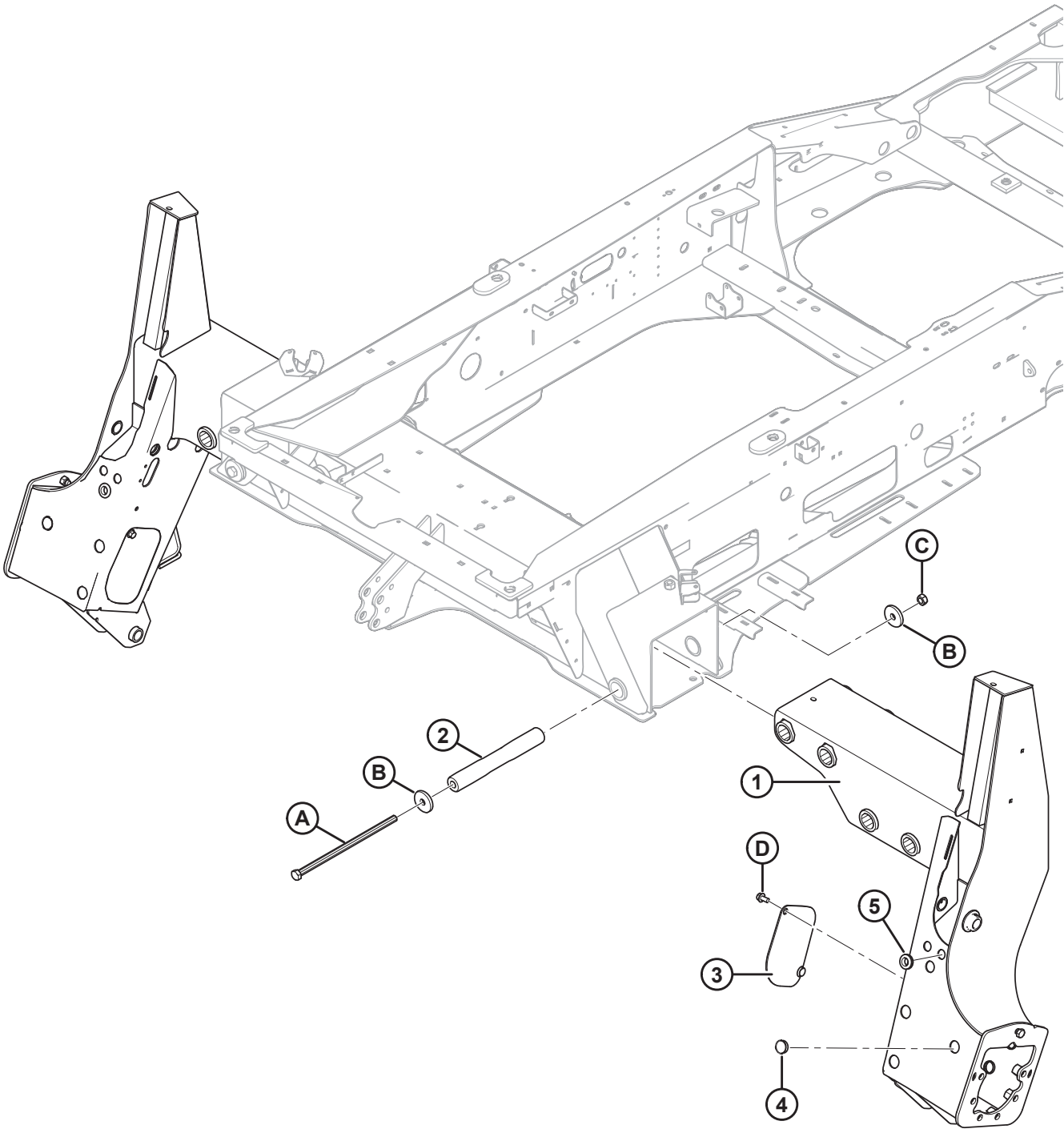
1 Frame Hose Guards



FRAME HOSE GUARDS

Ref	Part Number	Description	Qty	Serial Number
1	112873	MOULDING – FRAME (UNIGRIP)	1	
2	163971	MOULDING – FRAME (UNIGRIP)	2	
3	110735	MOULDING – FRAME (UNIGRIP)	3	
4	110737	MOULDING – FRAME (UNIGRIP)	1	
5	166275	MOULDING – FRAME (UNIGRIP)	1	

2 Wheel Legs



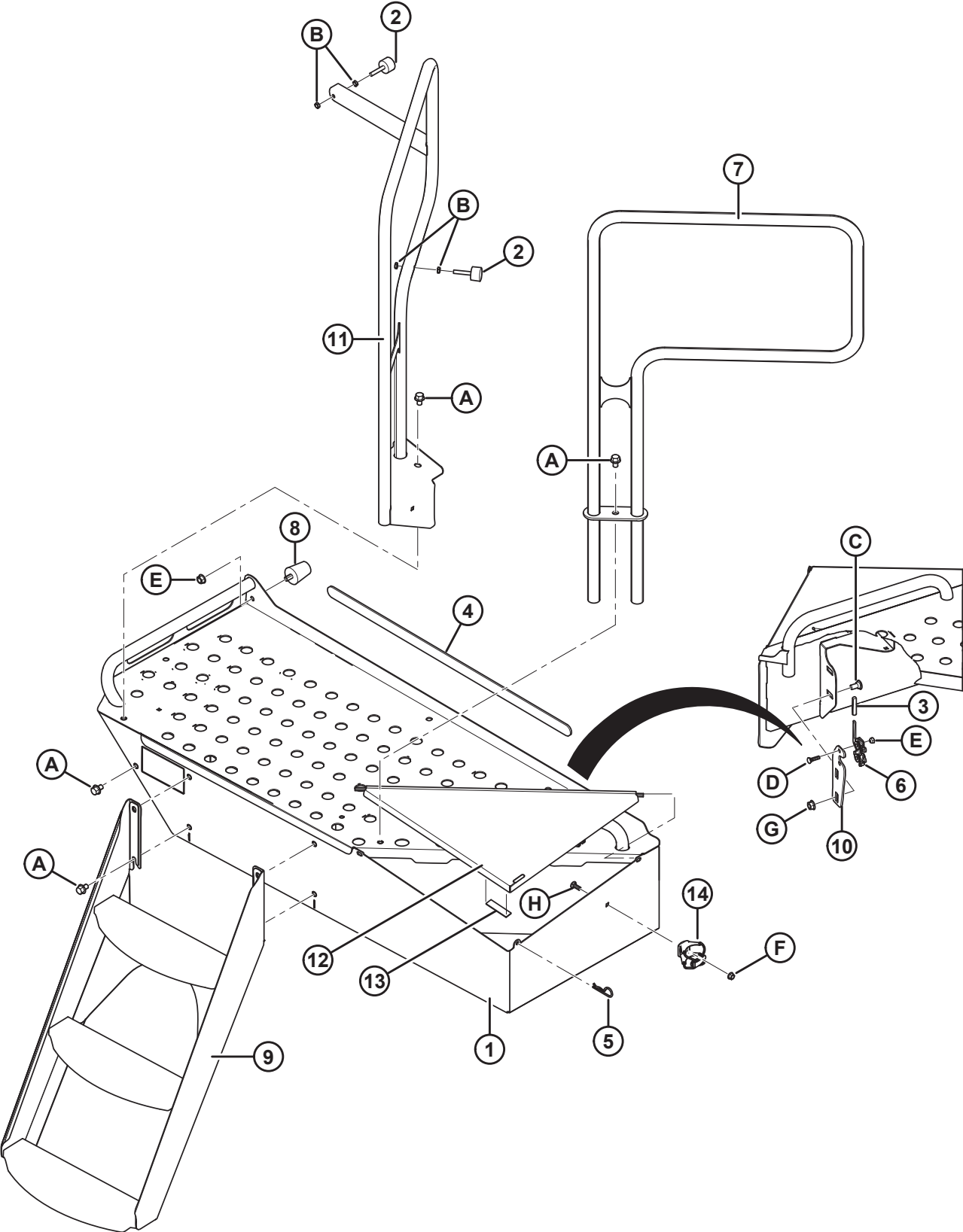
1030120

WHEEL LEGS

Ref	Part Number	Description	Qty	Serial Number
	B5442	KIT – LEG PIN EXTRACTION TOOL (DEALER SET-UP AID) ¹		
1	183410	MEMBER – LH LEG WELDT	1	
	183409	MEMBER – RH LEG WELDT	1	
2	110976	TUBE – PIN	4	
3	112817	COVER – LH WELDT	1	
	112818	COVER – RH WELDT	1	
4	161378	PLUG – HOLE 38 MM (1.5 IN.)	5	
5	112640	GROMMET	2	
A	135441	BOLT – HH 3/4 NC X 16.5 LG GR 5 ZP		
B	135322	WASHER – FLAT		
C	102636	NUT – HEX DT .750-10 UNC		
D	21449	BOLT – HH FLG (SER FACE) 1/2 NC X 1.0 GR 5 ZP		

1. Kits available through Whole Goods only.

3 Platforms and Toolbox



1030166

PLATFORMS AND TOOLBOX

Ref	Part Number	Description	Qty	Serial Number
1	139750	PLATFORM – LH, C/W 2-PANEL DECALS (M155/M205)	1	
	139841	PLATFORM – RH, C/W 2-PANEL DECALS (M155/M205)	1	
2	110354	BUMPER – RUBBER	4	
3	110817	COVER – SOFTEX GRIP	2	
4	110991	GUARD – FOAM RUBBER	2	
5	13125	PIN – HAIR	2	
6	134003	ASSY – STIRRUP LATCH	2	
7	139212	RAIL – WELD'T	2	
8	139234	BUMPER – RUBBER	2	
9	139264	STEP – WELD'T (2011 AND LATER)	2	
10	166421	PLATE – LATCH MOUNT	2	
11	139304	RAIL – FRONT WELDT, LH	1	
	139435	RAIL – FRONT WELDT, RH	1	
12	139462	LID – TOOLBOX, LH WELDT	1	
	139463	LID – TOOLBOX, RH WELDT	1	
13	139516	PAD – RUBBER	2	
14	45948	HOLDER – GREASE GUN ZN PL	1	
A	105066	BOLT – HH FLG (SER FACE) 1/2 NC X 0.75 GR 5 ZP		
B	18664	NUT – HEX JAM 3/8-16 UNC GR 5 ZP		
C	21066	BOLT – RHSN 1/2 NC X 1 GR 5 ZP		
D	21473	BOLT – RHSN 5/16 NC X 1.25 LG GR 5 ZP		
E	35689	NUT – SPECIAL		
F	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
G	50186	NUT – FLG LOCK SM FACE DT 0.500-13 UNC GR 5		
H	100456	BOLT – RHSSN 3/8 NC X 1.0 GR 5 ZP		

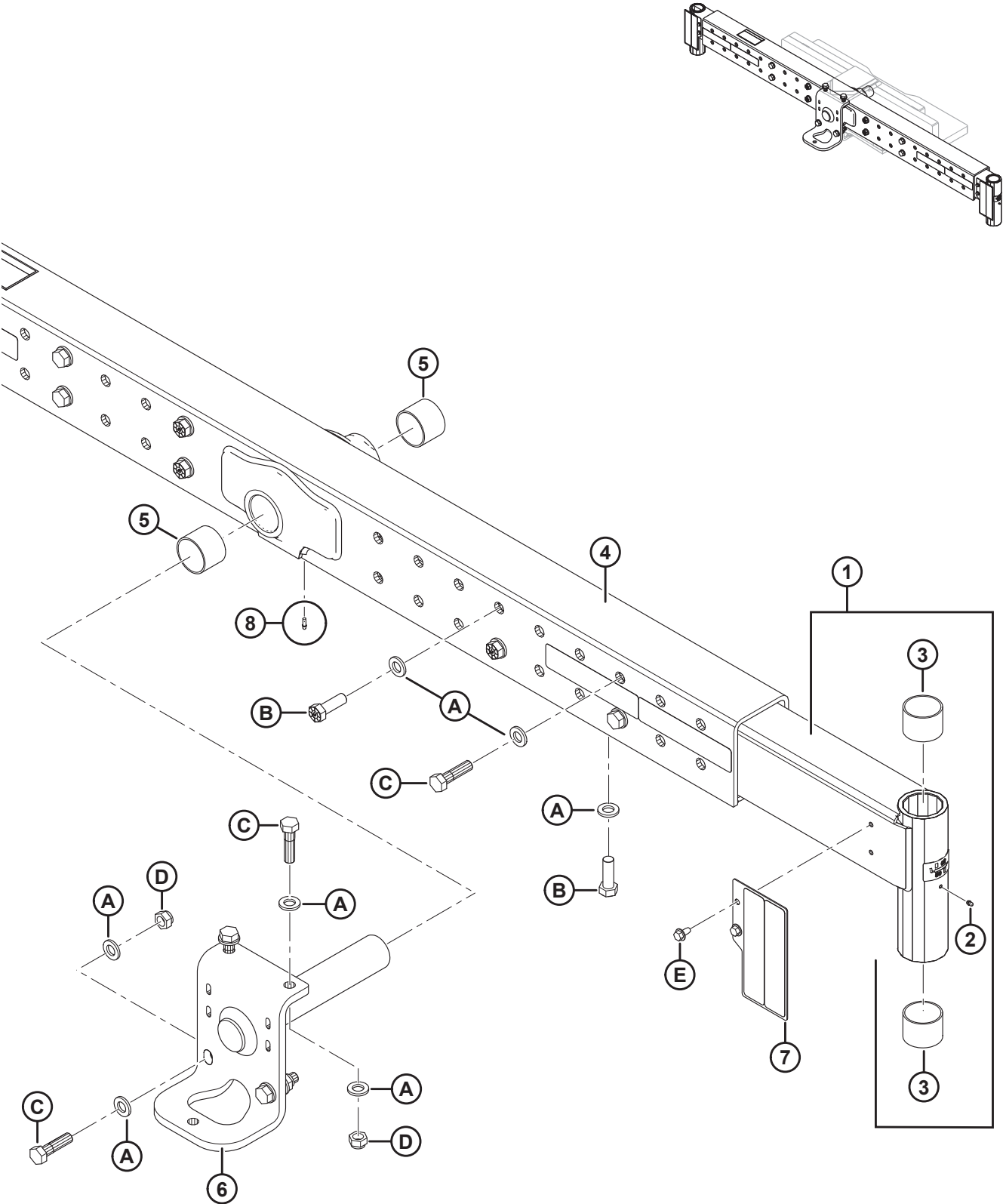
4 Platform Mechanism



PLATFORM MECHANISM

Ref	Part Number	Description	Qty	Serial Number
1	110585	PIN – WELDT	2	
2	135570	BUSHING – TEFLON	4	
3	139197	SUPPORT – HINGE, PLATFORM	2	
4	139210	BUSHING – BRONZE	8	
5	139218	SUPPORT – PLATFORM, WELD'T	2	
6	139277	LINK – PLATFORM	2	
7	139284	ARM – PLATFORM	2	
8	139292	TUBE – HINGE	2	
9	183168	ANGLE – PLATFORM ARM PIVOT	2	
10	139203	LINK – STRIKER	2	
A	21383	NUT – FLG .500-13 UNC (SER FACE)		
B	100456	BOLT – RHSSN 3/8 NC X 1.0 GR 5 ZP		
C	135410	BOLT – HEX SKT HD M12-1.75 X 80 ZN PL		
D	135908	BOLT – HH 1/2 NC X 12.0 LG GR5 ZP		
E	21471	BOLT – RHSN 1/2 NC X 1.25 GR 5 ZP		
F	21578	BOLT – HH 1/2 NC X 2.25 LG GR 5 ZP		
G	100456	BOLT – RHSSN 3/8 NC X 1.00 LG GR 5 ZP		
H	21868	BOLT – RHSSN 1/2 NC X 1.0 GR 5 ZP		
J	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
K	50186	NUT – FLG LOCK SM FACE DT 0.500-13 UNC GR5		
L	135156	NUT – HEX M12 X 1.75 ZP CLASS 10 STYLE 1		
M	20535	WASHER – FLAT		

5 Walking Beam

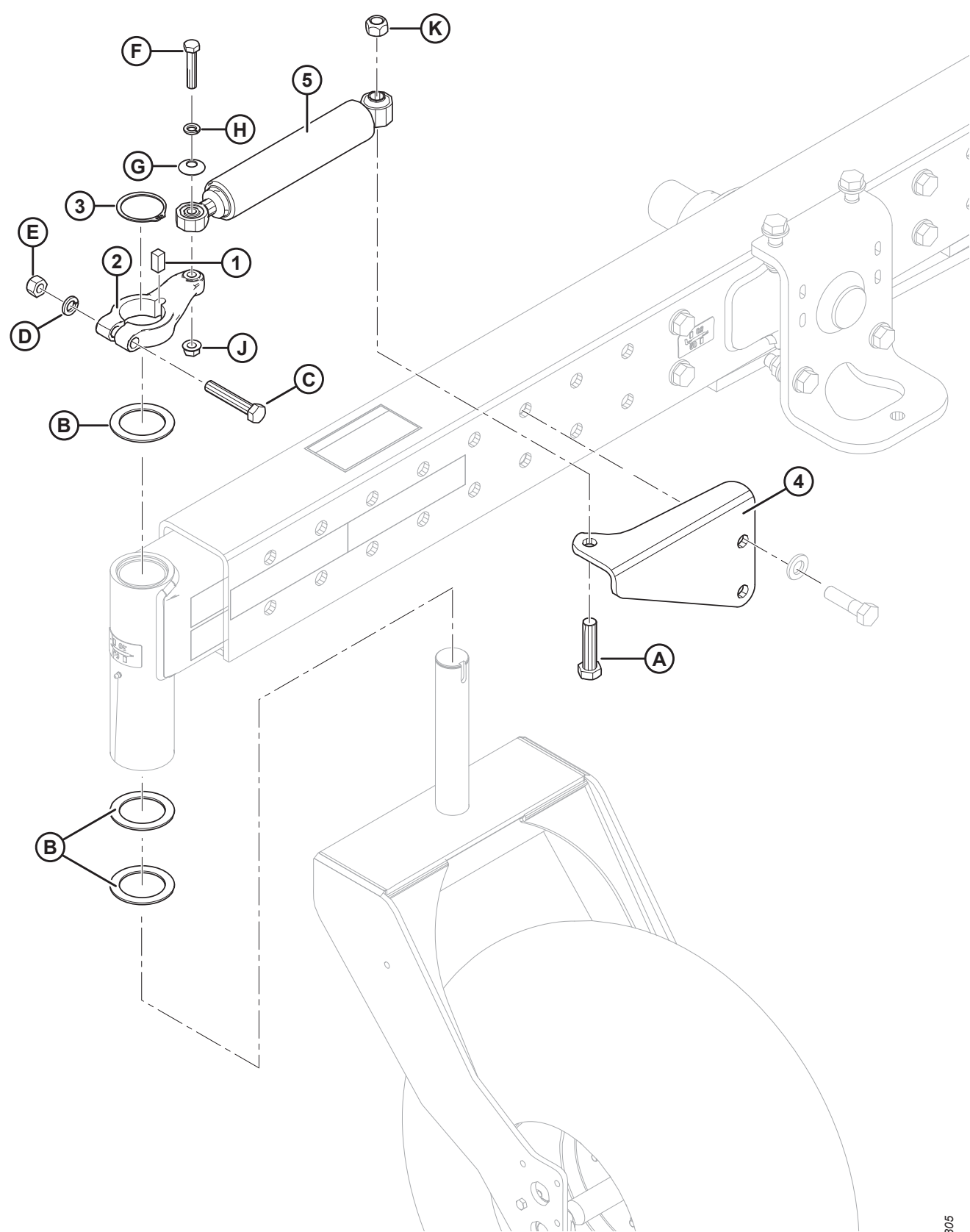


WALKING BEAM

Ref	Part Number	Description	Qty	Serial Number
1	167949	ASSEMBLY – BEAM EXTENSION, LH ²	1	
	167952	ASSEMBLY – BEAM EXTENSION, RH ²	1	
2	18671	FITTING – LUBE 1/4-28 UNF	2	
3	107201	BUSHING – SLEEVE	4	
4	183420	BEAM – CENTER ASSEMBLY ³	1	
5	161226	BUSHING (POLY) – SLEEVE	2	
6	110279	PIVOT WELDMENT	1	
7	209802	PLATE – REFLECTOR, LH ⁴	1	
	209803	PLATE – REFLECTOR, RH ⁴	1	
8	7536	FITTING – LUBRICATION 1/4-28 TAPER THD ⁵	1	-266819
A	21540	WASHER – HARDENED		
B	135225	BOLT – HEX HEAD 2-1/4 X 3/4-16 UNF		
C	112128	BOLT – HH 3/4-16 NF X 2.75 LG L9 ZN PL		
D	112129	NUT – HEX LOCK DT .750-16 UNF		
E	136209	SCREW – HEX WSHRM 10 X 1.5 X 20-450HV		

-
2. Includes fitting (MD #18671), two bushing sleeves (MD #107201), and decal (MD #23165).
 3. Includes two bushings (MD #161226), decal (MD#109842), and reflectors (MD #115145, 115147).
 4. Includes reflectors (MD #115145, 115147).
 5. Model year 2014 and prior only.

6 Anti-Shimmy

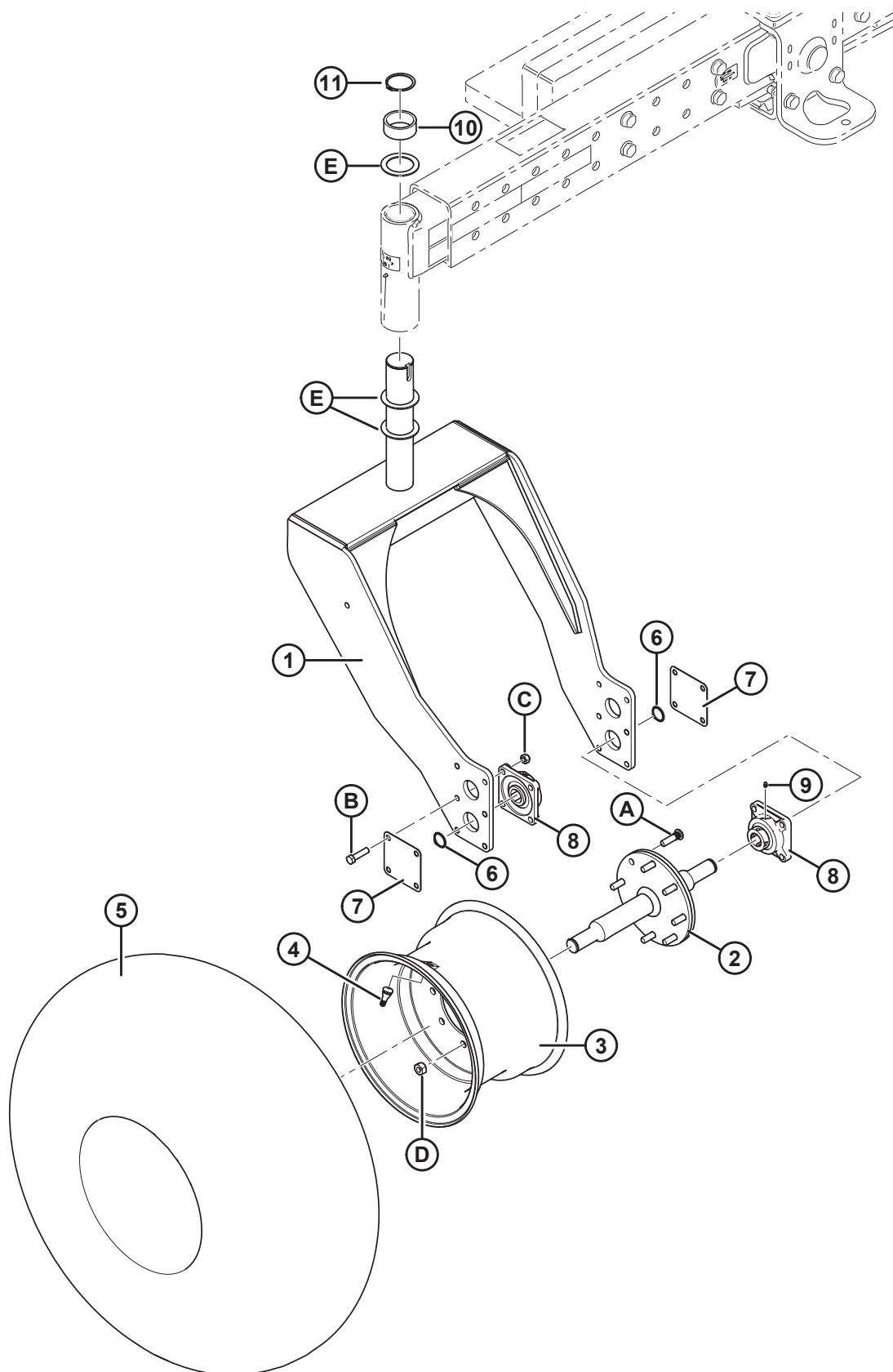


1004805

ANTI-SHIMMY

Ref	Part Number	Description	Qty	Serial Number
1	135296	KEY	2	
2	110615	ARM – ANTI SHIMMY MACHINED	2	
3	30243	RING – EXT RETAINING	2	
4	110597	BRACKET – LH SHOCK MOUNT	1	
	110598	BRACKET – RH SHOCK MOUNT	1	
5	110600	DAMPENER – ANTI SHIMMY	2	
A	30448	BOLT – HH 3/4 NC X 3.0 LG GR 5 ZP		
B	110584	WASHER – HARDENED FLAT		
C	21406	BOLT – HH 5/8 NC X 3.5 GR 5 ZP		
D	18639	WASHER – REG. LOCK 5/8 IN. NOM. I.D. ZP		
E	18666	NUT – HEX LOCK DT 5/8-11 UNC ZP		
F	135436	BOLT – HH 1/2 NC X 2.5 LG GR 8 ZP		
G	45157	WASHER – FORMED		
H	18638	WASHER – REG. LOCK 1/2 IN. NOM. I.D. ZP		
J	50186	NUT – FLG LOCK SM FACE DT 0.500-13 UNC GR 5		
K	18689	NUT – HEX LOCK DT .750-10 UNC		

7 Casters – Forked 16.5-16.1



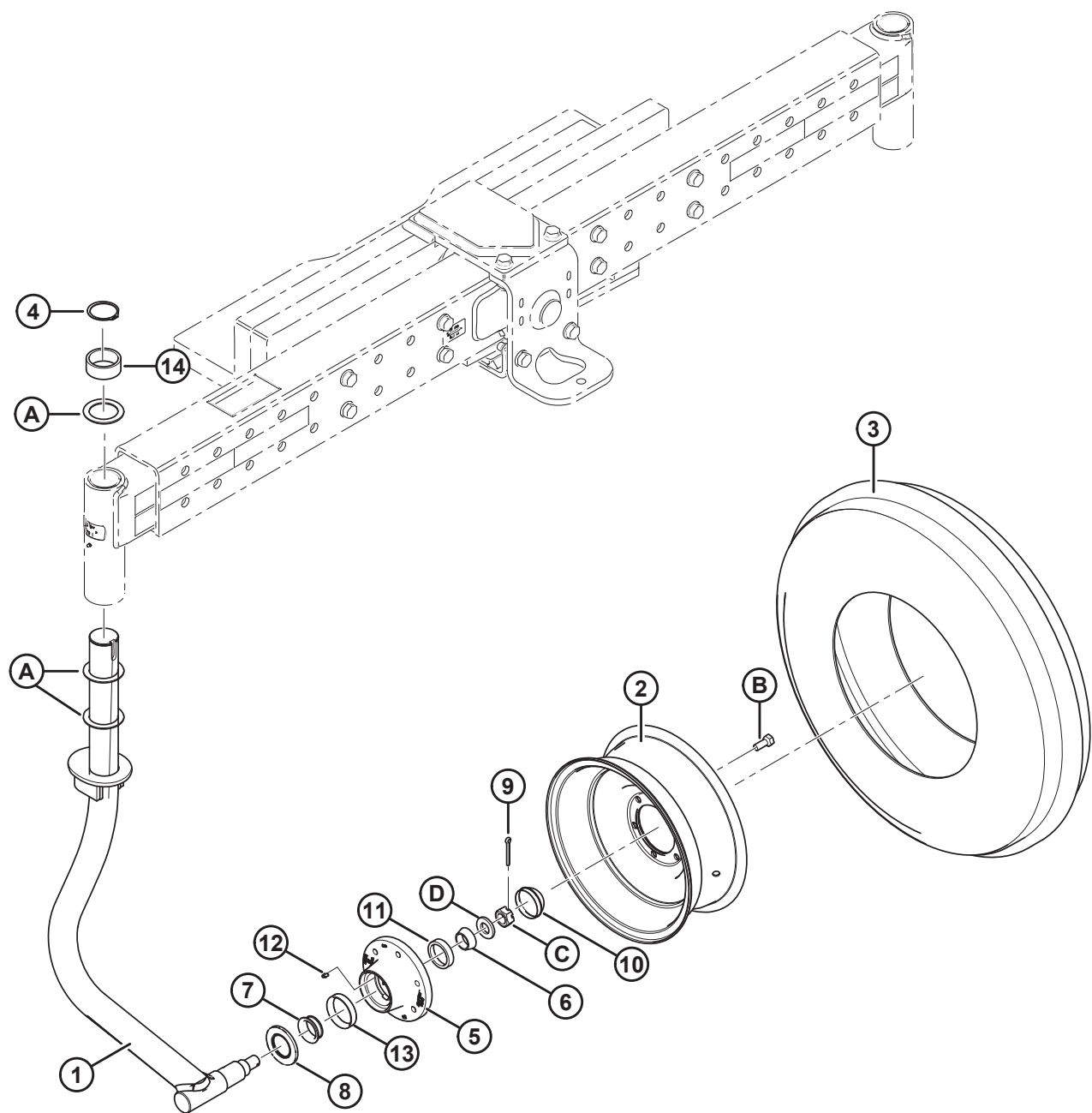
1004806

CASTERS – FORKED 16.5-16.1

Ref	Part Number	Description	Qty	Serial Number
	B4642	KIT – FORKED CASTERS (16.5-16.1) ⁶		
1	183414	CASTER – WELDMENT, C/W DECAL	2	
2	306327	SHAFT – CASTER, WELD'T BLACK	2	
3	111216	WHEEL	2	
4	21153	STEM – TIRE VALVE ASSEMBLY #TR – 415	2	
5	39273	TIRE	2	
6	135363	RING – RETAINING	4	
7	166067	PLATE – BEARING CAP	4	
8	135370	BEARING – ASSEMBLY	4	
	21936	BEARING – BALL		
9	18671	FITTING – LUBE	2	
10	161140	SPACER	2	
11	30243	RING – EXT RETAINING	2	
A	21357	BOLT – WHEEL (PRESS-IN) 9/16 NF X 53 LG		
B	21576	BOLT – HH 1/2 NC X 2.0 LG GR 5 ZP		
C	18697	NUT – HEX LOCK DT .500-13 UNC		
D	21358	NUT – WHEEL STUD 9/16 NF X 90°		
E	110584	WASHER – HARDENED FLAT		

6. Kits available through Whole Goods only.

8 Casters – Formed 7.5-16



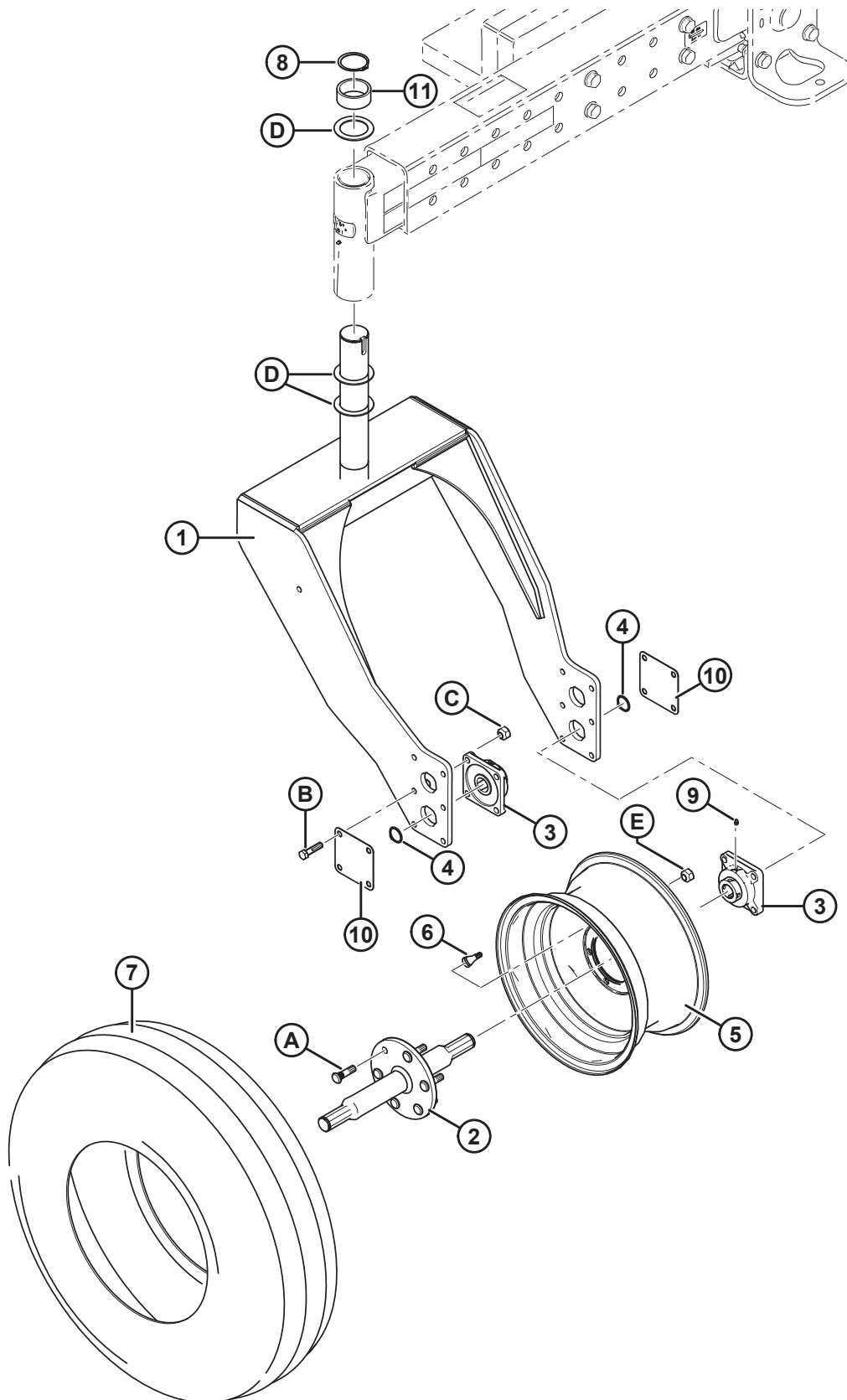
1004808

CASTERS – FORMED 7.5-16

Ref	Part Number	Description	Qty	Serial Number
	B4640	KIT – FORMED CASTERS (7.5-16) ⁷		
1	183416	CASTER – LH WELDT, C/W DECAL	1	
	183418	CASTER – RH WELDT, C/W DECAL	1	
2	112438	WHEEL – 16 X 6 LB	2	
3	166228	TIRE – 7.50-16 8 PLY	2	
	112442	TUBE – INNER TIRE	2	
4	30243	RING – EXT RETAINING	2	
5	140246	HUB – C/W BEARING CUPS AND GREASE FITTING	2	
6	30702	BEARING – CONE	2	
7	140247	BEARING – CONE ROLLER	2	
8	140248	SEAL – GREASE	2	
9	18608	PIN – COTTER 3/16 DIA X 1.5 ZP	2	
10	140250	CAP – DUST	2	
11	30701	CUP – OUTER	2	
12	50174	FITTING – LUBE, DRIVE TYPE	2	
13	140249	CUP – INNER	2	
14	161140	SPACER	2	
A	110584	WASHER – HARDENED FLAT		
B	18916	BOLT – 90° WHEEL 9/16 NF X 1.75 OL		
C	19878	NUT – HEX SLOTTED 1.00-14 UNF		
D	31774	WASHER – FLAT		

7. Kits available through Whole Goods only.

9 Casters – Forked 10 x 16



1004809

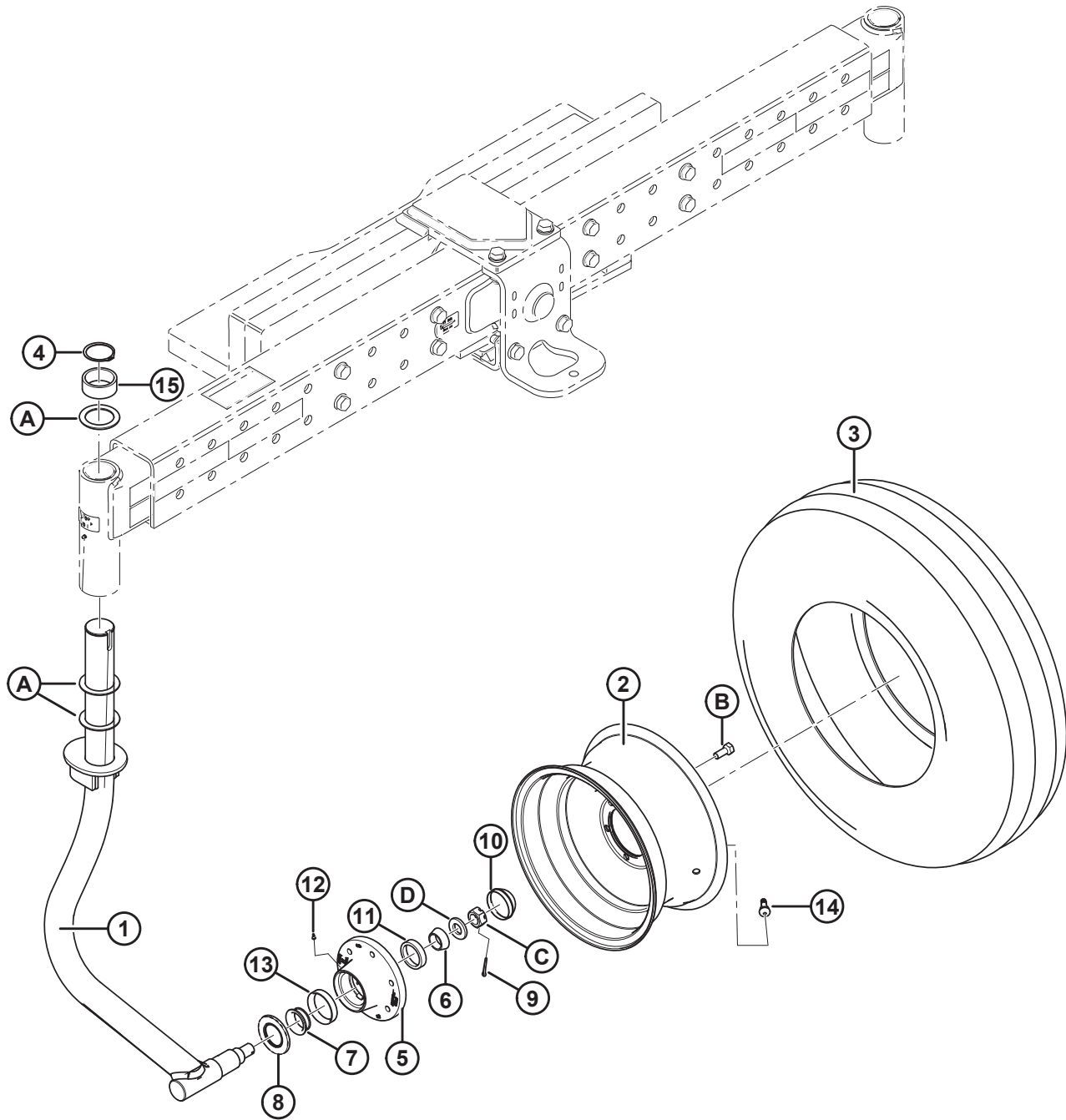
CASTERS – FORKED 10 X 16

Ref	Part Number	Description	Qty	Serial Number
	B4641	KIT – FORKED CASTERS (10 X 16) ⁸		
1	183414	CASTER – WELDMENT, C/W DECAL	2	
2	110756	SHAFT – WELDMENT	2	
3	135370	BEARING – ASSEMBLY	4	
	21936	BEARING – BALL SPH O.D C/W LC 1 3/8 IN. BORE		
4	135363	RING – RETAINING	4	
5	149817	WHEEL	2	
6	21153	STEM – TIRE VALVE ASSEMBLY #TR – 415	2	
7	149818	TIRE – 10.00 X 16, 8 PLY	2	
8	30243	RING – EXT RETAINING	2	
9	18671	FITTING – LUBE 1/4-28 UNF	4	
10	166067	PLATE – BEARING CAP	4	
11	161140	SPACER ⁹	2	
A	21357	BOLT – WHEEL (PRESS-IN) 9/16 NF X 53 LG		
B	21576	BOLT – HH 1/2 NC X 2 LG GR 5 ZP		
C	18697	NUT – HEX LOCK DT .500-13 UNC		
D	110584	WASHER – HARDENED FLAT		
E	21358	NUT – WHEEL STUD 9/16 NF X 90°		

8. Kits available through Whole Goods only.

9. For units without anti-shimmy assembly.

10 Casters – Formed 10 x 16



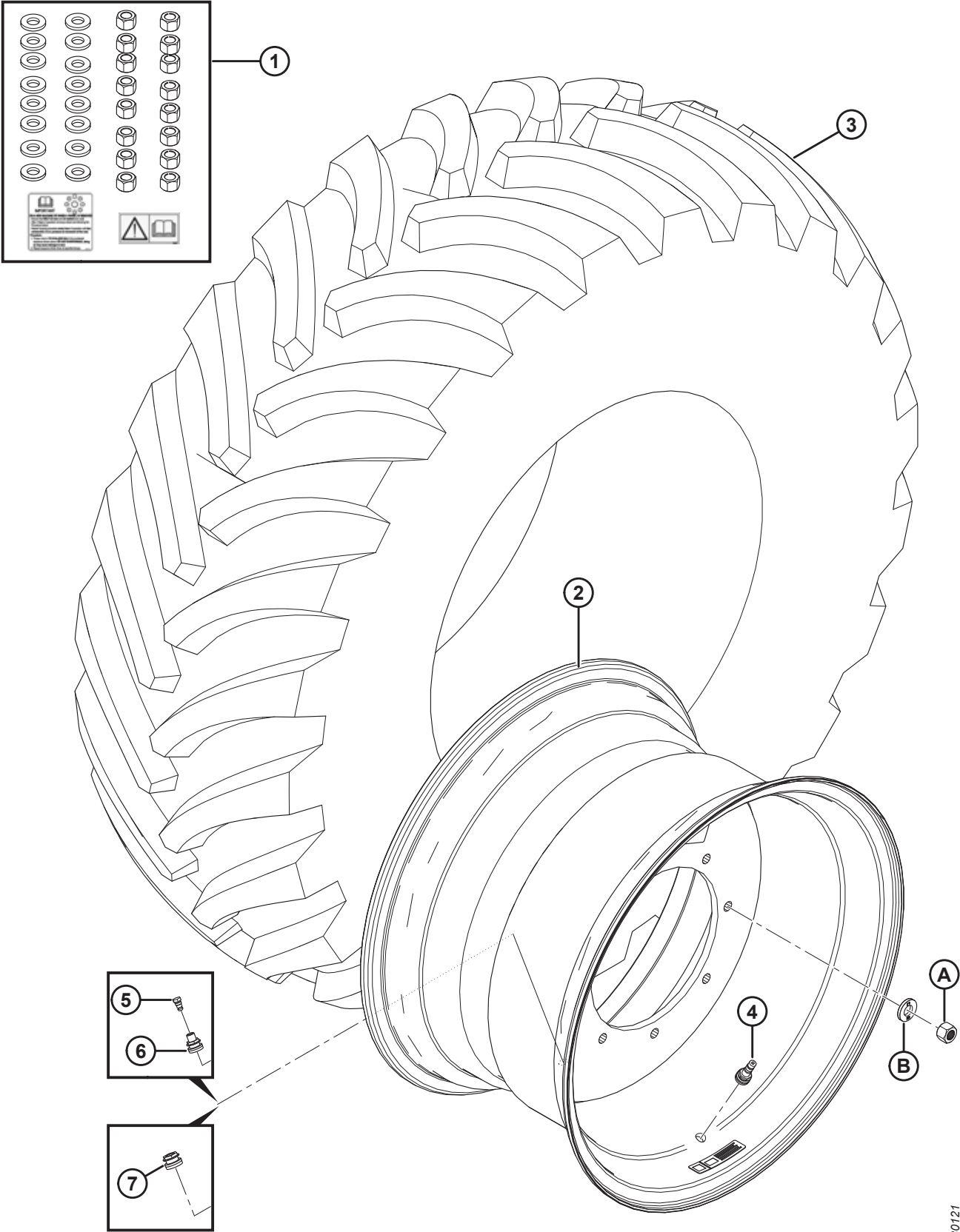
CASTERS – FORMED 10 X 16

Ref	Part Number	Description	Qty	Serial Number
	B4643	KIT – FORMED CASTERS (10 X 16) ¹⁰		
1	183416	CASTER – LH WELDT, C/W DECAL	1	
	183418	CASTER – RH WELDT, C/W DECAL	1	
2	149817	WHEEL – 10 X 16	2	
3	149818	TIRE – 10 X 16, 8 PLY	2	
4	30243	RING – EXT RETAINING	2	
5	140246	HUB – C/W BEARING CUPS AND GREASE FITTING	2	
6	30702	BEARING – CONE	2	
7	140247	BEARING – CONE ROLLER	2	
8	140248	SEAL – GREASE	2	
9	18608	PIN – COTTER 3/16 DIA X 1.5 ZP	2	
10	140250	CAP – DUST	2	
11	30701	CUP – OUTER	2	
12	50174	FITTING – LUBE, DRIVE TYPE	2	
13	140249	CUP – INNER	2	
14	21153	STEM – TIRE VALVE ASSEMBLY #TR – 415	2	
15	161140	SPACER ¹¹	2	
A	110584	WASHER – HARDENED FLAT		
B	18916	BOLT – 90° WHEEL 9/16 NF X 1.75 OL		
C	19878	NUT – HEX SLOTTED 1.00-14 UNF		
D	31774	WASHER – FLAT		

10. Kits available through Whole Goods only.

11. For units without anti-shimmy assembly.

11 Drive Wheels and Tires – Eight Bolt



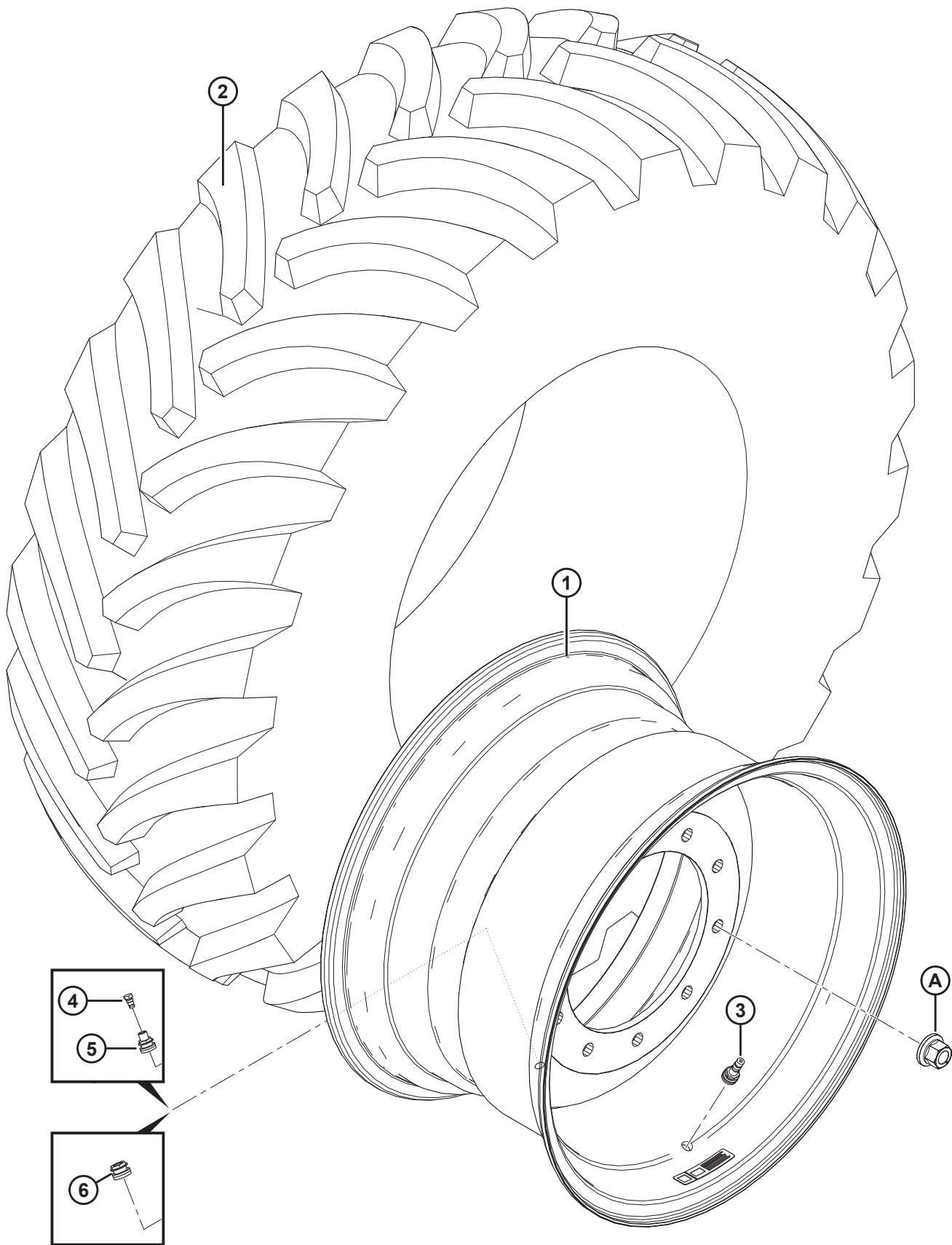
1030121

DRIVE WHEELS AND TIRES – EIGHT BOLT

Ref	Part Number	Description	Qty	Serial Number
1	166729	KIT – SERVICE L9 DRIVE WHEEL HARDWARE ¹²		
	B4632	KIT – DRIVE TIRES, TURF 23.1-26 ¹³		
2	111699	WHEEL – 26DW-20L C/W DECALS	2	
3	111695	TIRE – 23.1 X 26 R3 10 PLY	2	
4	112475	STEM	2	
7	162436	PLUG – WHEEL	2	
	B4944	KIT – DRIVE TIRES, BAR 600-65 R28 ¹³		
2	162019	WHEEL – 28 X 18 C/W DECALS	2	
3	162022	TIRE – 600-65 R28 BAR TREAD	2	
4	112475	STEM – VALVE (METAL)	2	
	B4634	KIT – DRIVE TIRES, TURF 18.4-26 ¹³		
2	162295	WHEEL – 26DW-16L C/W DECALS AND VALVE STEMS (REVERSIBLE)	2	
3	163601	TIRE – 18.4 X 26-R3, TURF	2	
4	112475	STEM – VALVE (METAL)	2	
5	135611	PLUG – VALVE STEM	2	
6	162435	SPUD – WHEEL	2	
	B4633	KIT – DRIVE TIRES, BAR 18.4-26 ¹³		
2	162295	WHEEL – 26DW-16L C/W DECALS AND VALVE STEMS (REVERSIBLE)	2	
3	111694	TIRE – 18.4 X 26 R1, BAR	2	
4	112475	STEM – VALVE (METAL)	2	
5	135611	PLUG – VALVE STEM	2	
6	162435	SPUD – WHEEL	2	
	B5506	KIT – DRIVE TIRES, TURF 580-70R 26 ¹³		
2	111699	WHEEL – 26DW-20L C/W DECALS	2	
3	162431	TIRE – 580-70R26, TURF RADIAL	2	
4	112475	STEM – VALVE (METAL)	2	
5	135611	PLUG – VALVE STEM	2	
A	REF	NUT – HEX L9 5/8-18-L9-ZP ¹⁴		
B	REF	WASHER – FLAT HARDENED 5/8 IN. NOMINAL (L9) ¹⁴		

12. Kit replaces any previous nut for the eight-bolt configuration to eliminate any possible bolt loosening. Includes: 16 nuts (A), 16 washers (B), decals, and instructions.
13. Kits available through Whole Goods only.
14. Not sold separately; service with kit MD #166729.

12 Drive Wheels and Tires – Ten Bolt



1008726

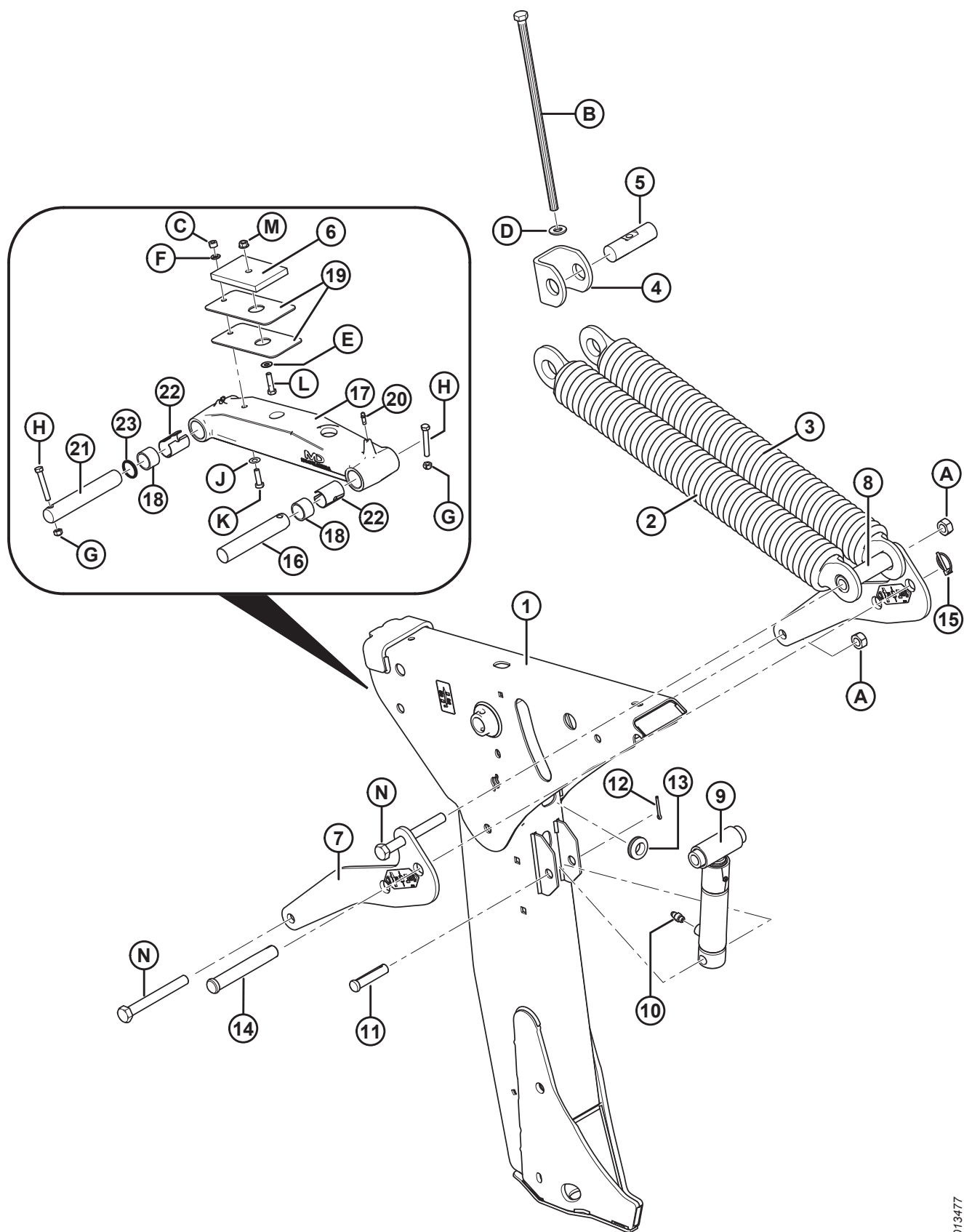
DRIVE WHEELS AND TIRES – TEN BOLT

Ref	Part Number	Description	Qty	Serial Number
	B5888	KIT – DRIVE TIRES, BAR 600-65 R28 ¹⁵		
1	204985	WHEEL – 28 X 18 C/W DECALS	2	
2	162022	TIRE – 600-65 R28 BAR TREAD	2	
3	112475	STEM – VALVE (METAL)	2	
	B5889	KIT – DRIVE TIRES, BAR 18.4-26 ¹⁵		
1	204993	WHEEL – 26DW-16L C/W DECALS AND VALVE STEMS (REVERSIBLE)	2	
2	201784	TIRE – 18.4 X 26 R1, BAR	2	
3	112475	STEM – VALVE (METAL)	2	
4	135611	PLUG – VALVE STEM	2	
5	162435	SPUD – WHEEL	2	
	B5890	KIT – DRIVE TIRES, TURF 23.1-26 ¹⁵		
1	205009	WHEEL – 26DW-20L C/W DECALS	2	
2	201785	TIRE – 23.1 X 26 R3 16 PLY	2	
3	112475	STEM	2	
6	162436	PLUG – WHEEL	2	
	B5891	KIT – DRIVE TIRES, TURF 18.4-26 ¹⁵		
1	204993	WHEEL – 26DW-16L C/W DECALS AND VALVE STEMS (REVERSIBLE)	2	
2	204938	TIRE – 18.4 X 26 R3, TURF	2	
3	112475	STEM – VALVE (METAL)	2	
4	135611	PLUG – VALVE STEM	2	
5	162435	SPUD – WHEEL	2	
A	205397	NUT – WHEEL DIN 74361N M20 X 1.5 X GR10.9 (10 PACK) ¹⁶		

15. Kits available through Whole Goods only.

16. Sold in packs of 10, replace all nuts at the same time.

13 Lift Linkage



LIFT LINKAGE

Ref	Part Number	Description	Qty	Serial Number
	B5303	KIT – INTERNAL BOOSTER SPRING ¹⁷		
1	161400	ARM – ASSY LH, C/W 2 PANEL DECAL AND LOWER PIN	1	
	161401	ARM – ASSY RH, C/W 2 PANEL DECAL AND LOWER PIN	1	
2	306104	ASSEMBLY – SPRING ¹⁸	2	
3	306106	ASSEMBLY – SPRING (INNER AND OUTER) ¹⁸	2	
4	44601	CLEVIS	2	
5	44995	PIN – STRAIGHT	2	
6	42497	PAD – RUBBER	2	
7	166713	ARM – FLOAT ADJUST, C/W DECALS ¹⁹	4	
8	112916	TUBE – PIVOT	4	
9	208642	CYLINDER – FLOAT ADJUST	2	
10	112184	FITTING – ADAPTER HYD	2	
11	30464	PIN – CLEVIS	2	
12	18608	PIN – COTTER 3/16 DIA X 1.5 ZP	2	
13	112640	GROMMET	4	
14	112752	PIN – CLEVIS	2	
15	102264	PIN – LYNCH 3/16 X 1-9/16 IN.	2	
16	183820	PIN – FLOAT LINK	2	
17	112727	ARM – FLOAT LINK ASSEMBLY ²⁰	2	
18	112789	BEARING – NEEDLE	8	
19	110853	SHIM – LINKAGE	4	
20	7536	FITTING – LUBRICATION 1/4-28 TAPER THD	4	
21	183821	PIN – STRAIGHT	2	
22	163310	SPACER – FLOAT LINK ARM	4	
23	139134	SEAL – 1.25 IN. ID X 1.5 IN. OD X 0.125 IN.	4	
A	102636	NUT – HEX DT .750-10 UNC		
B	112740	BOLT – HH WELDT		
C	18590	NUT – HEX 3/8-16 UNC GR 5 ZP		
D	30441	WASHER – HARDENED		
E	18598	WASHER – SAE FLAT 13/32 I.D. X 13/16 IN. O.D. ZP		
F	18637	WASHER – REG. LOCK 3/8 IN. NOM. I.D. ZP		
G	18669	NUT – HEX LOCK DT 3/8-16 UNC ZP		
H	21102	BOLT – HH 3/8 NC X 2.5 LG GR 5 ZP		
J	20535	WASHER – FLAT		
K	21264	BOLT – HH 3/8 NC X 1.25 LG GR 5 ZP		
L	21561	BOLT – HH 3/8 NC X 1.5 LG GR 5 ZP		

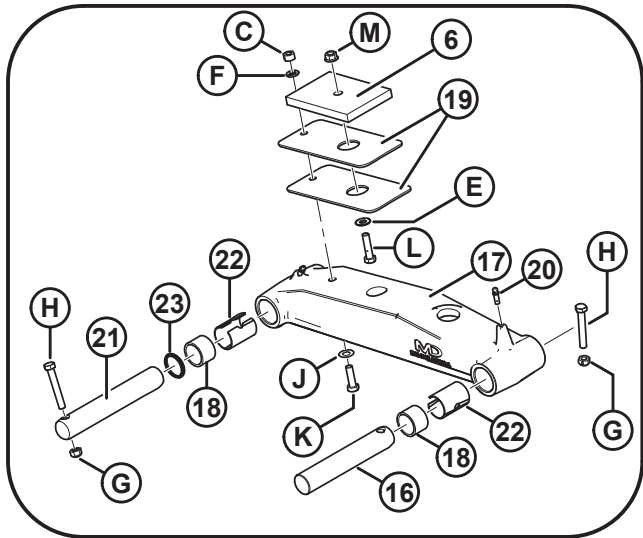
17. Kits available through Whole Goods only.

18. Complete assembly.

19. Includes decal MD #166712. To order decal separately, refer to Section [78 Decals – Information and Reflectors, page 193](#).

20. Includes four needle bearings (MD #112789), two spacers (MD #163310), and two seals (MD #139134).

LIFT LINKAGE

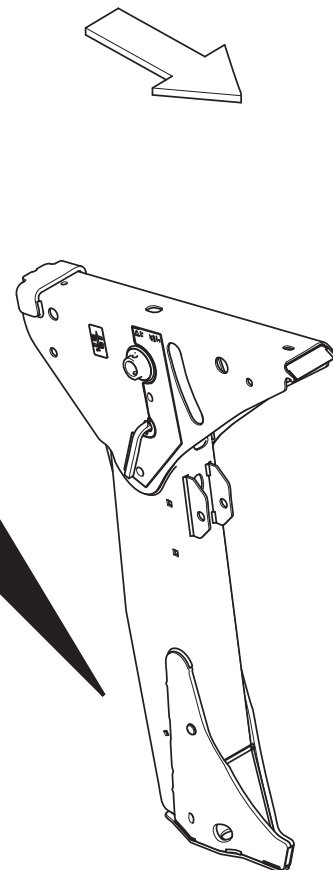
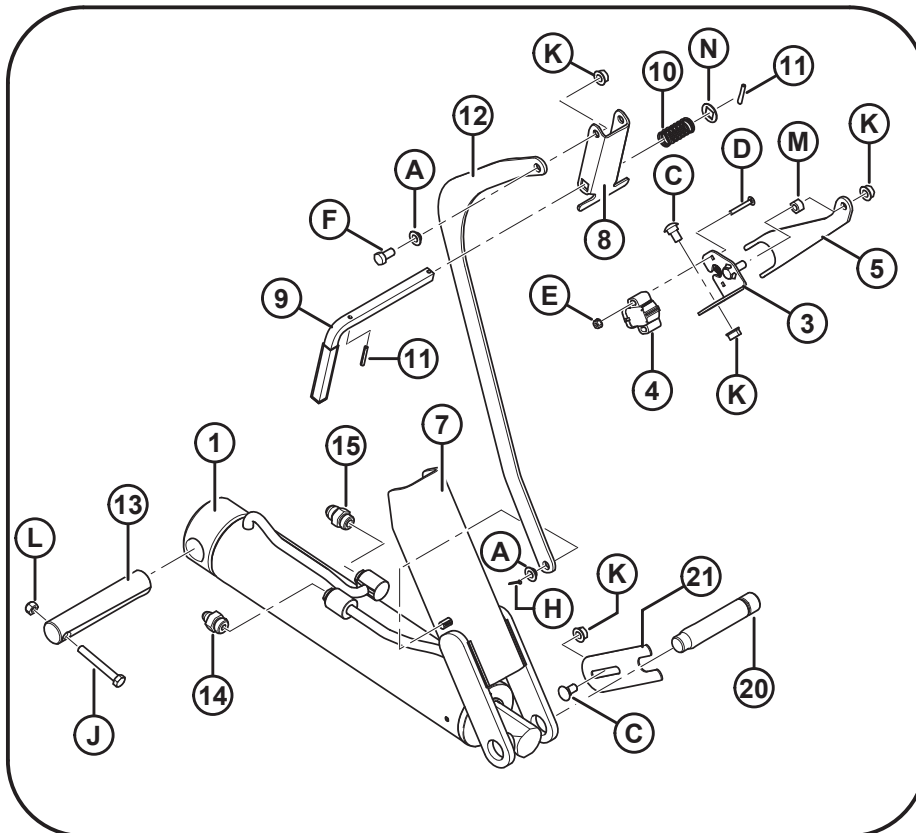
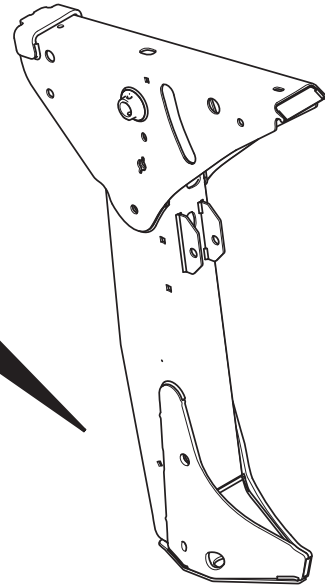
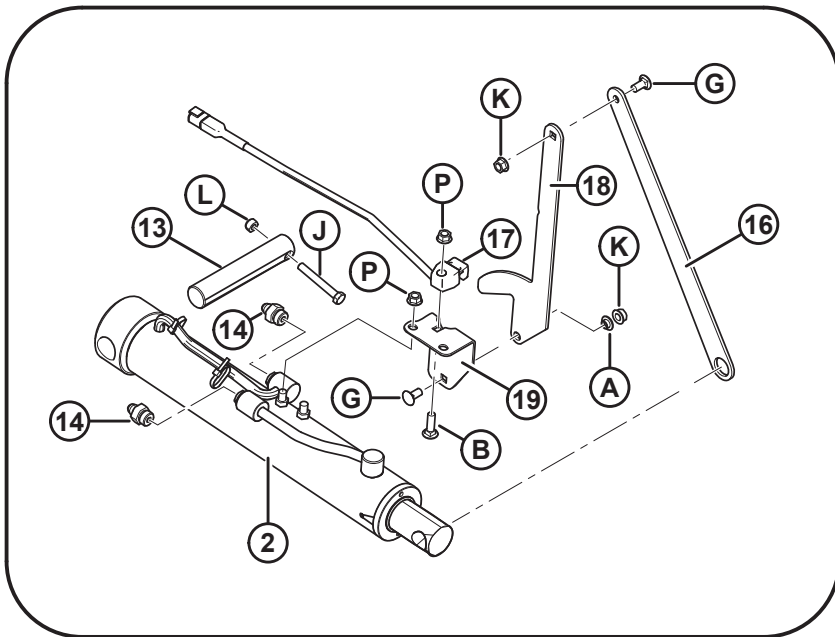


1013477

LIFT LINKAGE

Ref	Part Number	Description	Qty	Serial Number
M	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
N	30387	BOLT – HH 3/4 NC X 6.5 LG GR 5 ZP		

14 Lift Linkage Cylinders



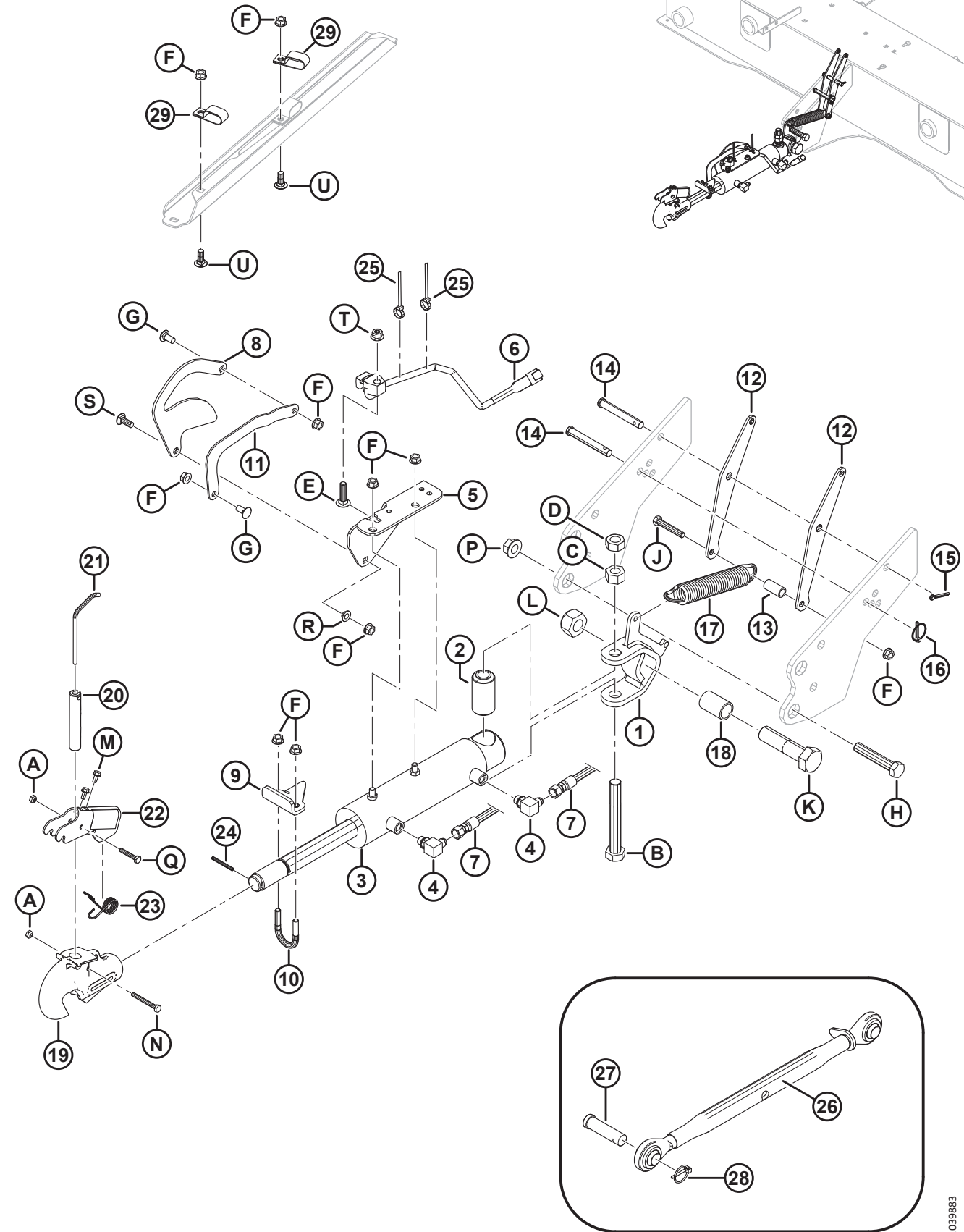
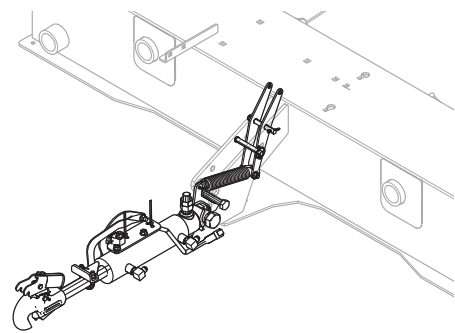
LIFT LINKAGE CYLINDERS

Ref	Part Number	Description	Qty	Serial Number
1	208647	CYLINDER – MASTER, 3.25 IN. BORE	1	
	183427	SEAL KIT		
2	208648	CYLINDER – SLAVE, 2.75 IN. BORE	1	
	183428	SEAL KIT		
3	112995	SUPPORT – SENSOR	2	
4	109904	SENSOR FLOAT – ROTARY	2	
5	112994	ARM – FLOAT SENSOR	2	
7	112798	LOCK – HEADER	2	
8	112907	CHANNEL – LOCK RELEASE	2	
9	183543	SHAFT – C/W HANDLE GRIP	2	
10	19739	SPRING – COMPRESSION	2	
11	13617	PIN – SPRING 3/16 DIA X 1.25 LG	4	
12	112908	ARM – LOCKUP LINK	2	
13	112759	PIN – STRAIGHT	2	
14	21804	FITTING – CONNECTOR HYD #6	3	
15	21030	FITTING – CONNECTOR HYD #8	1	
16	112804	BAR – HEIGHT SENSOR LINK	1	
17	206661	SENSOR – ANALOG, HEIGHT ²¹	1	321190–
	183846	KIT – SENSOR, HALL EFFECT ²²	A/R	–321189
18	112803	BAR – HEIGHT SENSOR LINK	1	
19	163676	SUPPORT – HEIGHT SENSOR	1	
20	138772	PIN – RETAINING, LOWER	2	
21	138773	PLATE – PIN RETAINER	2	
A	135281	WASHER – SHOULDER, NYLON		
B	152732	BOLT – RHSN M10 X 1.5 X 40-8.8-A3L		
C	21472	BOLT – RHSN 3/8 NC X 0.75 GR 5 ZP		
D	21487	BOLT – RHSN #10-24 NCX 1.5 IN. L		
E	21492	NUT – FLG (SER FACE) #10 NC GR 5 ZP		
F	21567	BOLT – HEX HD .375-16 UNC X 0.75 LG		
G	21863	BOLT – RHSSN 3/8 NC X 0.75 LG GR 5 ZP		
H	18604	PIN – COTTER, 3/32 X 3/4 IN.		
J	30035	BOLT – HH 3/8 NC X 2.75 LG GR 5 ZP		
K	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
L	18669	NUT – HEX LOCK DT 3/8-16 UNC ZP		
M	18590	NUT – HEX 3/8-16 UNC GR 5 ZP		
N	163373	WASHER – FLAT RD (SQUARE BORE)		
P	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		

21. Service part for units made in model year 2018 and later.

22. Service part for units made in model year 2017 and prior.

15 Center-Link



1039883

CENTER-LINK

Ref	Part Number	Description	Qty	Serial Number
	B4650	KIT – HYDRAULIC CENTER-LINK ²³		
	B4665	KIT – MECHANICAL CENTER-LINK ²⁴		
1	110824	CLEVIS – WELD'T	1	
2	30574	BUSHING – RUBBER	1	
3	163466	CYLINDER – CENTER-LINK ²⁵	1	
	112625	SEAL KIT – CYLINDER	1	
4	30282	FITTING – ELBOW 90° HYD	2	
5	163396	SUPPORT – TILT SENSOR	1	
6	206661	SENSOR – ANALOG, HEIGHT ²⁶	1	321190–
	183846	KIT – SENSOR, HALL EFFECT ²⁷	A/R	–321189
7	172986	HOSE – HYD, 1/4 IN. I.D., 1913 MM LG, METAL REIN.	2	
8	112901	LINK – TILT SENSOR	1	
9	112691	SUPPORT	1	
10	112973	U-BOLT	1	
11	112903	LINK – TILT SENSOR	1	
12	166753	BAR – SPRING	2	
13	17675	SPACER	1	
14	101007	PIN – CLEVIS	2	
15	18648	PIN – COTTER 3/16 DIA X 1.25 ZP	1	
16	50193	PIN – LYNCH	1	
17	9423	SPRING – EXTENSION	1	
18	110971	SPACER – 1.25 O.D. X 1.0 I.D.	1	
19	156849	HOOK ASSEMBLY ²⁸	1	
20	156848	PIN – LOCK	1	
21	156886	ROD – ACTUATOR	1	
22	139724	LATCH – HANDLE	1	
23	133209	SPRING – LATCH ASSEMBLY	1	
24	135453	PIN – SPRING 3/16 DIA X 1 7/8 LG	1	
25	21763	FASTENER – CABLE TIE, BLACK, 160 MM LG	2	
26	112869	JOINT ASSEMBLY (MECHANICAL CENTER-LINK)	1	
27	102265	PIN – CLEVIS (MECHANICAL CENTER-LINK)	1	
28	102264	PIN – LYNCH (MECHANICAL CENTER-LINK)	1	
29	135235	CLAMP – DOUBLE HOSE INSULATED	2	
A	18724	NUT – HEX LOCK DT 1/4-20 UNC ZP		
B	30549	BOLT – HH 3/4 NC X 5.5 LG GR 5 ZP		

23. When installing optional Hydraulic Center-Link kit B4650, it will be necessary to also install Auxiliary Lift Valve Kit B5269; refer to Section [85 \(Option\) Auxiliary Lift Valve, page 209](#). Kits available through Whole Goods only.

24. Kits available through Whole Goods only.

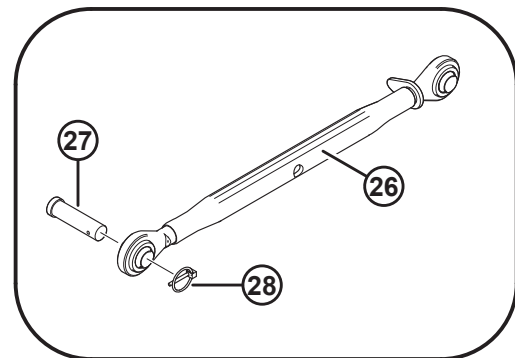
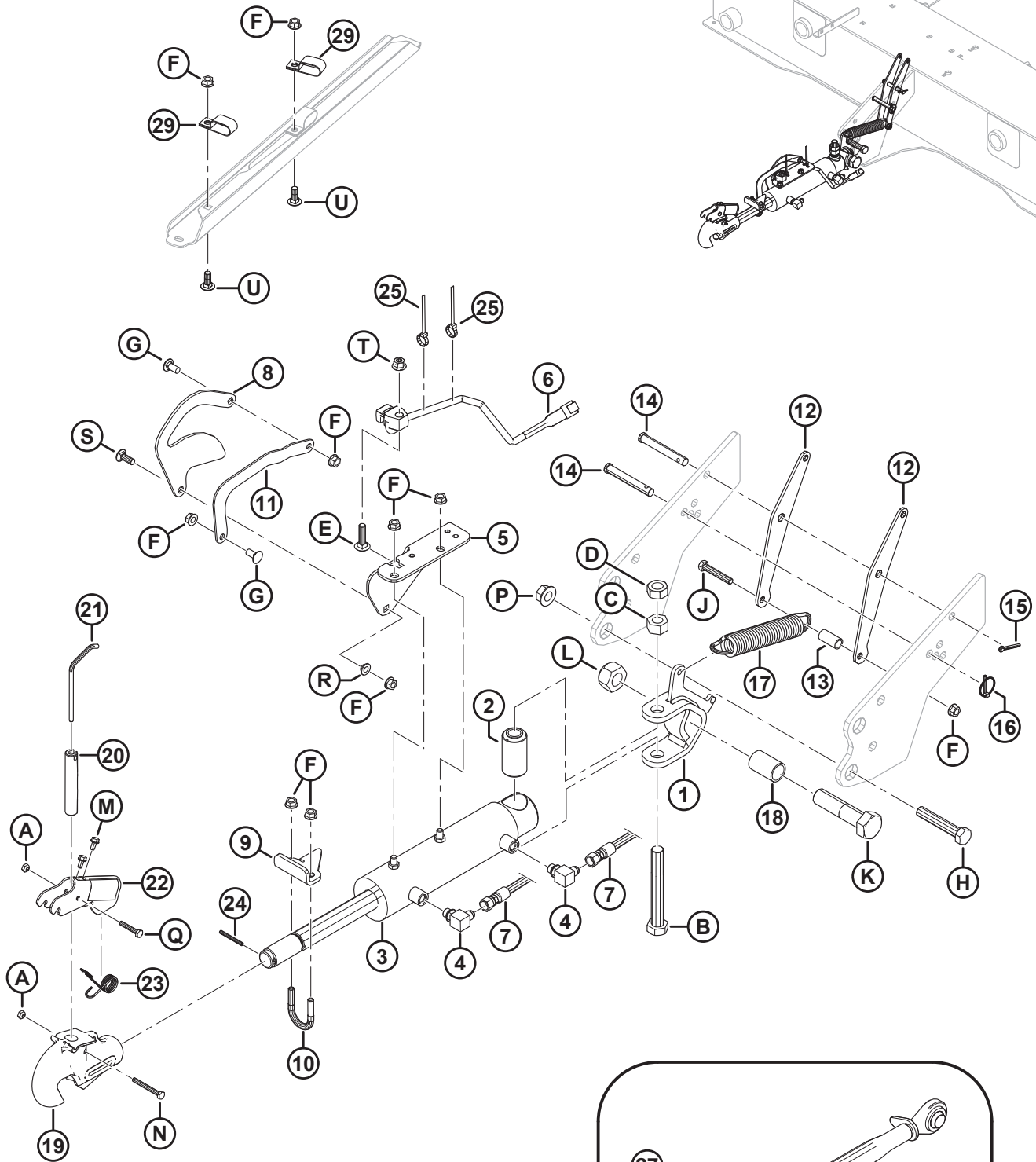
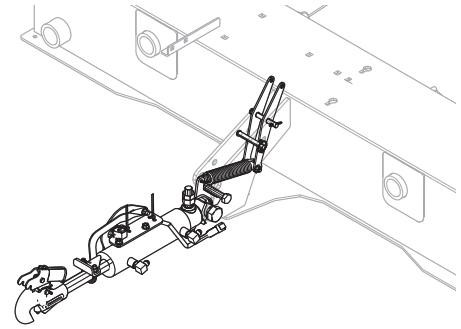
25. Includes bushing (MD #30574).

26. Service part for units made in model year 2018 and later.

27. Service part for units made in model year 2017 and prior.

28. Includes lock pin (MD #156848), actuator rod (MD #156886), latch handle (MD #139724), latch assembly spring (MD #133209), and hardware.

CENTER-LINK

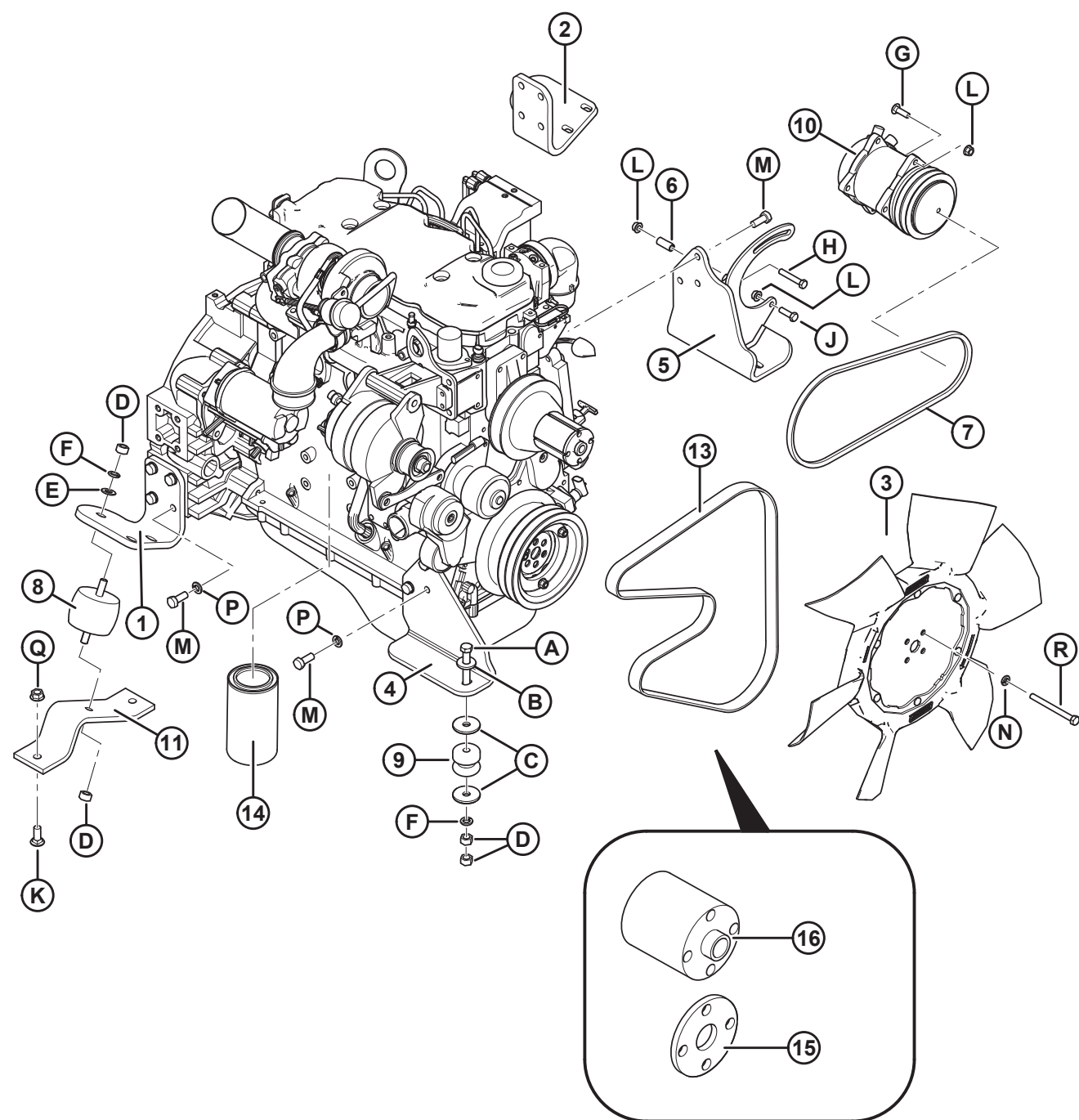


1039883

CENTER-LINK

Ref	Part Number	Description	Qty	Serial Number
C	18593	NUT – HEX 3/4-10 UNC GR 5 ZP		
D	102636	NUT – HEX DT .750-10 UNC		
E	152732	BOLT – RHSN M10 X 1.5 X 40-8.8-A3L		
F	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
G	21863	BOLT – RHSSN 3/8 NC X 0.75 LG GR 5 ZP		
H	21406	BOLT – HH 5/8 NC X 3.5 LG GR 5 ZP		
J	20055	BOLT – HH 3/8 NC X 2.25 LG GR 5 ZP		
K	30897	BOLT – HH 1.0 NC X 4.0 LG GR 5 ZP		
L	135172	NUT – HEX LOCK DT 1.0-8 UNC		
M	21055	SCREW – SELF TAP HEX WASH HD 1/4 NC X 1/2		
N	30638	BOLT – HH 1/4 NC X 2.25 LG GR 5 ZP		
P	50225	NUT – FLANGE DT SMOOTH FACE .625-11 UNC		
Q	21574	BOLT – HH 1/4 NC X 1.5 LG GR 5 ZP		
R	135281	WASHER – SHOULDER, NYLON		
S	100456	BOLT – RHSSN 3/8 NC X 1.0 GR 5 ZP		
T	135799	NUT – HEX FLG CTR LOC M10 X 1.5-10		
U	19965	BOLT – RHSN 3/8-16 X 1-GR5-ZP		

16 Engine Sub Assembly



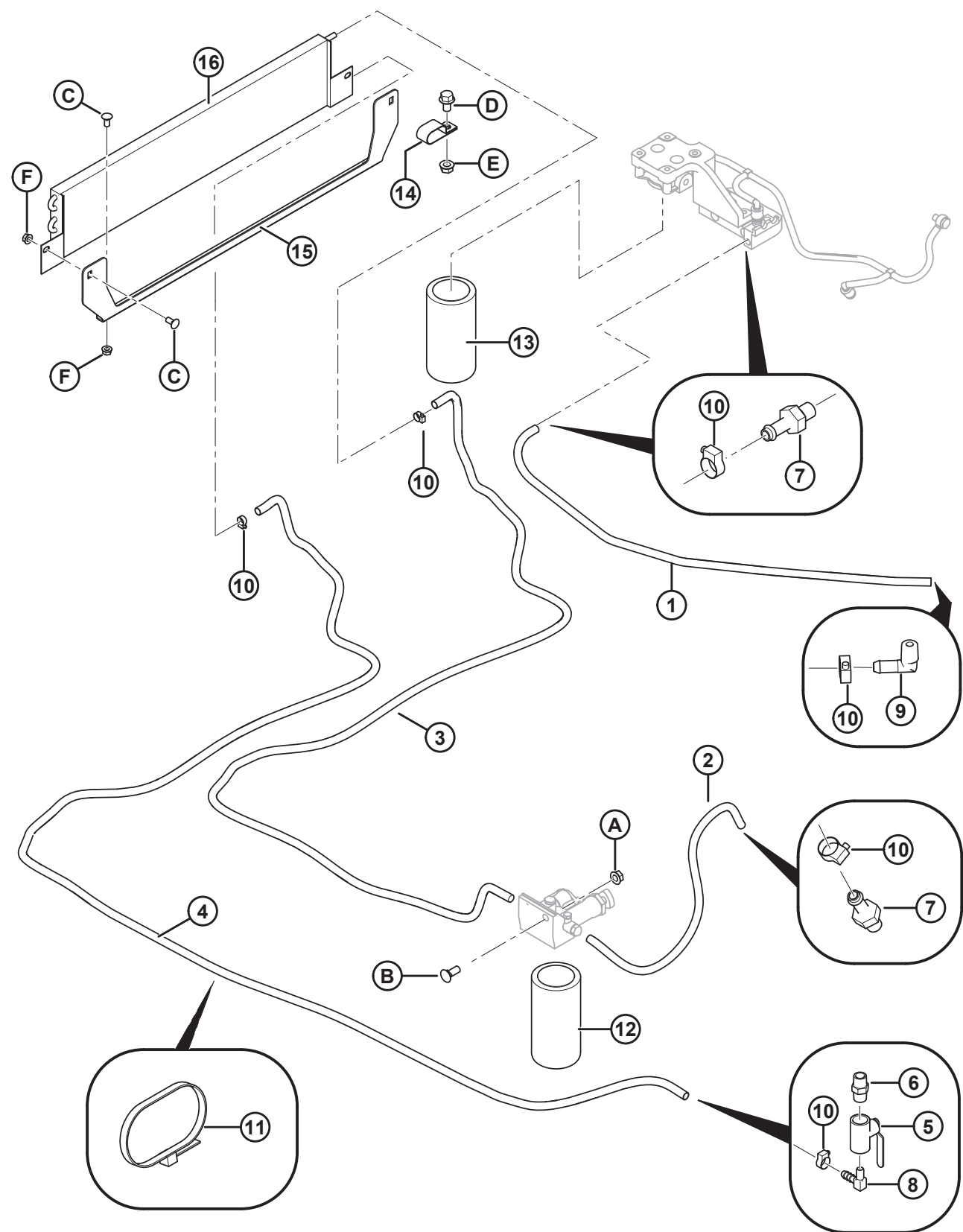
ENGINE SUB ASSEMBLY

Ref	Part Number	Description	Qty	Serial Number
1	110655	BRACKET – FRONT ENGINE MOUNT (CUMMINS)	1	
2	110656	BRACKET – FRONT ENGINE MOUNT (CUMMINS)	1	
3	160739	FAN – ENGINE 24 IN	1	
4	111838	PLATE – ENGINE MOUNT	1	
5	162037	ASSY – MOTOR MOUNT C/W SPACER	1	
6	23050	SPACER	1	
7	163368	BELT – V SAE 13A	1	
8	42008	INSULATOR	2	
9	42099	INSULATOR	2	
10	183515	COMPRESSOR – A/C ²⁹	1	244010–
	109617	COMPRESSOR ³⁰	1	–244009
11	44437	SUPPORT	2	
12	21763	FASTENER – CABLE TIE (BLACK)	2	
13	207963	FAN BELT	1	
14	111974	OIL FILTER	1	
15	162118	SPACER – 1/4 IN.	1	
16	111344	SPACER – 3 IN.	1	
A	21581	BOLT – HH 1/2 NC X 3.5 LG GR 5 ZP		
B	4761	WASHER – FLAT		
C	11695	WASHER – FLAT		
D	18591	NUT – HEX 1/2-13 UNC GR 5 ZP		
E	18599	WASHER – SAE FLAT 17/32 I.D. X 1-1/16 IN. O.D. ZP		
F	18638	WASHER – REG. LOCK 1/2 IN.. NOM. I.D. ZP		
G	19966	BOLT – RHSN 3/8 NC X 1.25 LG GR 5 ZP		
H	20055	BOLT – HH 3/8 NC X 2.25 LG GR 5 ZP		
J	21264	BOLT – HH 3/8 NC X 1.25 LG GR 5 ZP		
K	21471	BOLT – RHSN 1/2 NC X 1.25 GR 5 ZP		
L	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
M	30630	BOLT – HH M12 X 1.75 X 30 LG ZP		
N	30632	WASHER – LOCK SPRING M10 ZP		
P	30633	WASHER – LOCK SPRING M12 ZP		
Q	50186	NUT – FLG LOCK SM FACE DT 0.500-13 UNC GR 5		
R	135502	BOLT – HH M10 X 1.5 X 110 LG ZP		

29. Service part for units made in model year 2014 and later.

30. Service part for units made in model year 2013 and prior.

17 Fuel System – 2017 and Prior

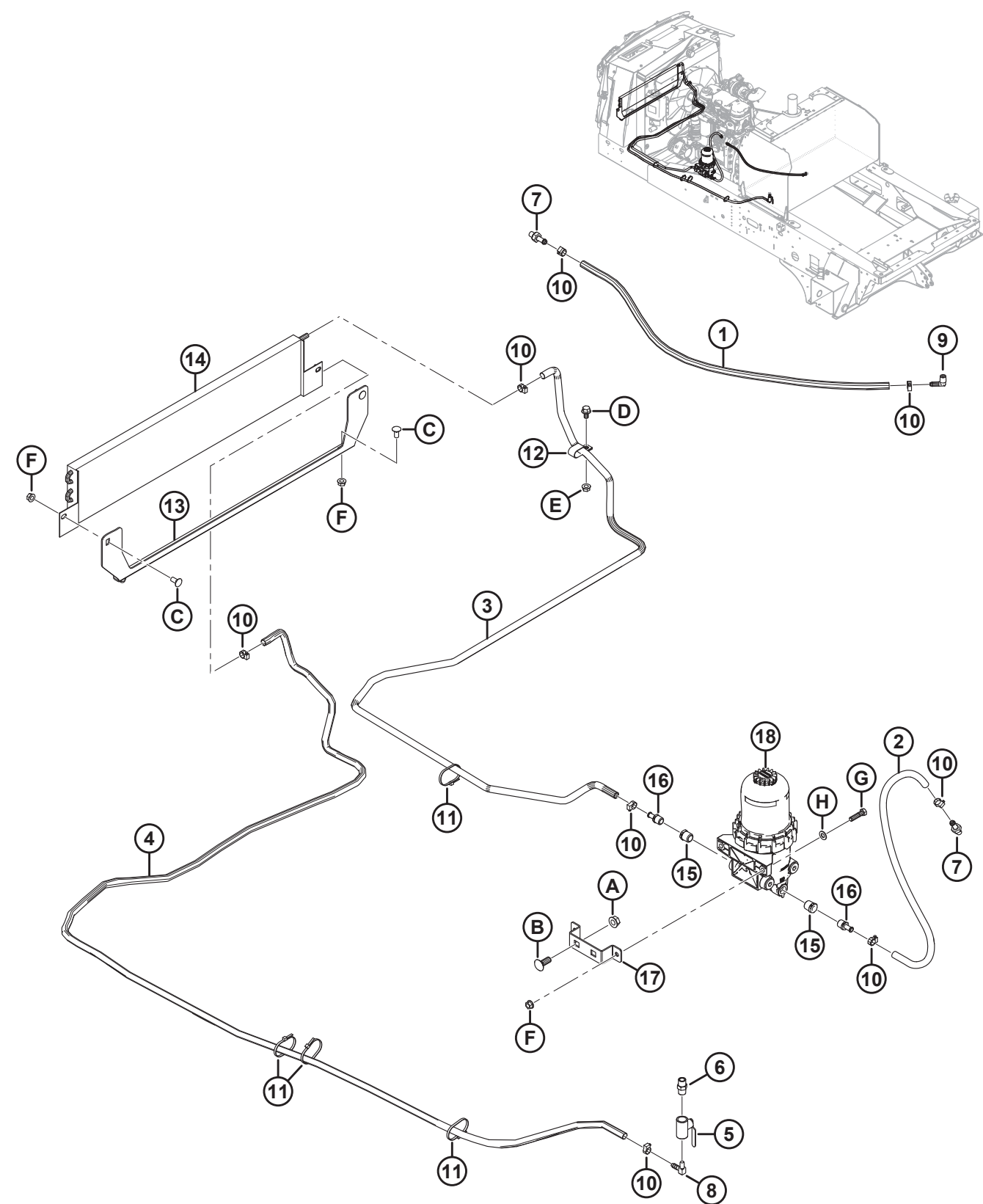


1018917

FUEL SYSTEM – 2017 AND PRIOR

Ref	Part Number	Description	Qty	Serial Number
1	138974	HOSE – RETURN, 3/8 IN. I.D., 850 MM LG	1	–321189
2	138619	HOSE – SUCTION, 3/8 IN. I.D., 660 MM LG	1	–321189
3	138620	HOSE – FC TO PRIMARY FILTER, 3/8 IN. I.D., 2575 MM LG	1	–321189
4	138846	HOSE – TANK TO COOLER, 3/8 IN. I.D., 3500 MM LG	1	–321189
5	111440	VALVE – BALL 3/8 NPT	1	–321189
6	21844	FITTING – PIPE NIPPLE	1	–321189
7	134173	FITTING – ADAPTER 3/8 IN. BARBED TO M12 X 1.5	4	–321189
8	50069	FITTING – 90° BARB. ELBOW 3/8 I.D. HOSE X 3/8 NPT	1	–321189
9	111442	FITTING – ELBOW 90° BARBED	1	–321189
10	30500	CLAMP – HOSE GEAR TYPE	8	–321189
11	21763	FASTENER – CABLE TIE, BLACK, 160 MM LG	4	–321189
12	111972	ELEMENT – PRIMARY FUEL FILTER	1	–321189
13	166312	ELEMENT – SECONDARY FUEL FILTER	1	–321189
14	135235	CLAMP – DOUBLE HOSE INSULATED	1	–321189
15	139307	BRACKET – FUEL COOLER	1	–321189
16	139409	COOLER – FUEL (6 ROW)	1	–321189
A	50186	NUT – FLG LOCK SM FACE DT 0.500-13 UNC GR5		
B	21471	BOLT – RHSN 1/2 NC X 1.25 GR 5 ZP		
C	21863	BOLT – RHSSN 3/8 NC X 0.75 LG GR 5 ZP		
D	50076	BOLT – HH FLG (SER FACE) 3/8 NC X 0.63 GR 5 ZP		
E	21452	NUT – FLG (SER FACE) 0.375-16 UNC		
F	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		

18 Fuel System – 2018 and Later

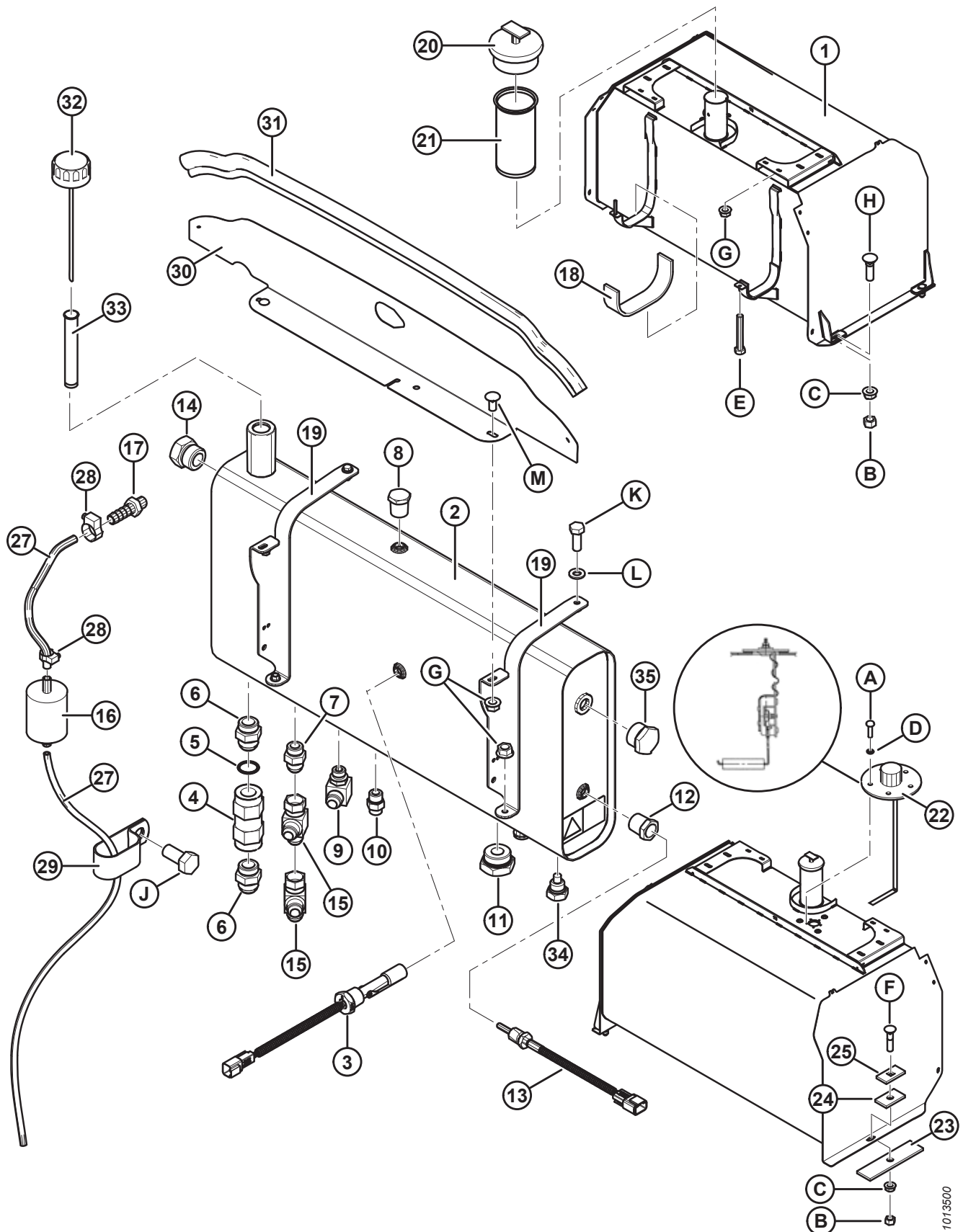


1022076

FUEL SYSTEM – 2018 AND LATER

Ref	Part Number	Description	Qty	Serial Number
1	138974	HOSE – RETURN, 3/8 IN ID, 850 MM LG	1	321190–
2	138619	HOSE – SUCTION, 3/8 IN ID, 660 MM LG	1	321190–
3	138620	HOSE – FC TO PRIMARY FILTER, 3/8 IN ID, 2575 MM LG	1	321190–
4	138846	HOSE – TANK TO COOLER, 3/8 IN ID, 3500 MM LG	1	321190–
5	111440	VALVE – BALL 3/8 NPT	1	321190–
6	21844	FITTING – PIPE NIPPLE	1	321190–
7	134173	FITTING – ADAPTER 3/8 IN. BARBED TO M12 X 1.5	4	321190–
8	50069	FITTING – 90° BARB. ELBOW 3/8 I.D HOSE X 3/8 NPT	1	321190–
9	111442	FITTING – ELBOW 90° BARBED	1	321190–
10	30500	CLAMP – HOSE GEAR TYPE	8	321190–
11	21763	FASTENER – CABLE TIE, BLACK, 160 MM LG	4	321190–
12	135235	CLAMP – DOUBLE HOSE INSULATED	1	321190–
13	139307	BRACKET – FUEL COOLER	1	321190–
14	139409	COOLER – FUEL (6 ROW)	1	321190–
15	183733	FITTING – 3/8 NPTF TO 7/8-14 ORB	2	321190–
16	183732	FITTING – 3/8 BARBED TO 3/8 NPT	2	321190–
17	183730	BRACKET – FUEL PROCESSOR	1	321190–
18	183729	FILTER – PRIMARY FUEL	1	321190–
	183843	FILTER – BOTTOM BOWL ASSEMBLY	1	321190–
	183842	FILTER – TOP BOWL ASSEMBLY	1	321190–
	183800	FILTER – PRIMARY FUEL ELEMENT	1	321190–
A	50186	NUT – FLG LOCK SM FACE DT 0.500-13 UNC GR5		
B	21471	BOLT – RHSN 1/2 NC X 1.25 GR 5 ZP		
C	21863	BOLT – RHSSN 3/8 NC X 0.75 LG GR 5 ZP		
D	50076	BOLT – HH FLG (SER FACE) 3/8 NC X 0.63 GR 5 ZP		
E	21452	NUT – FLG (SER FACE) 0.375-16 UNC		
F	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
G	21561	BOLT – HH 3/8 NC X 1.5 LG GR 5 ZP		
H	18598	WASHER – SAE FLAT 13/32 ID X 13/16 IN OD ZP		

19 Tanks (Fuel and Hydraulic)

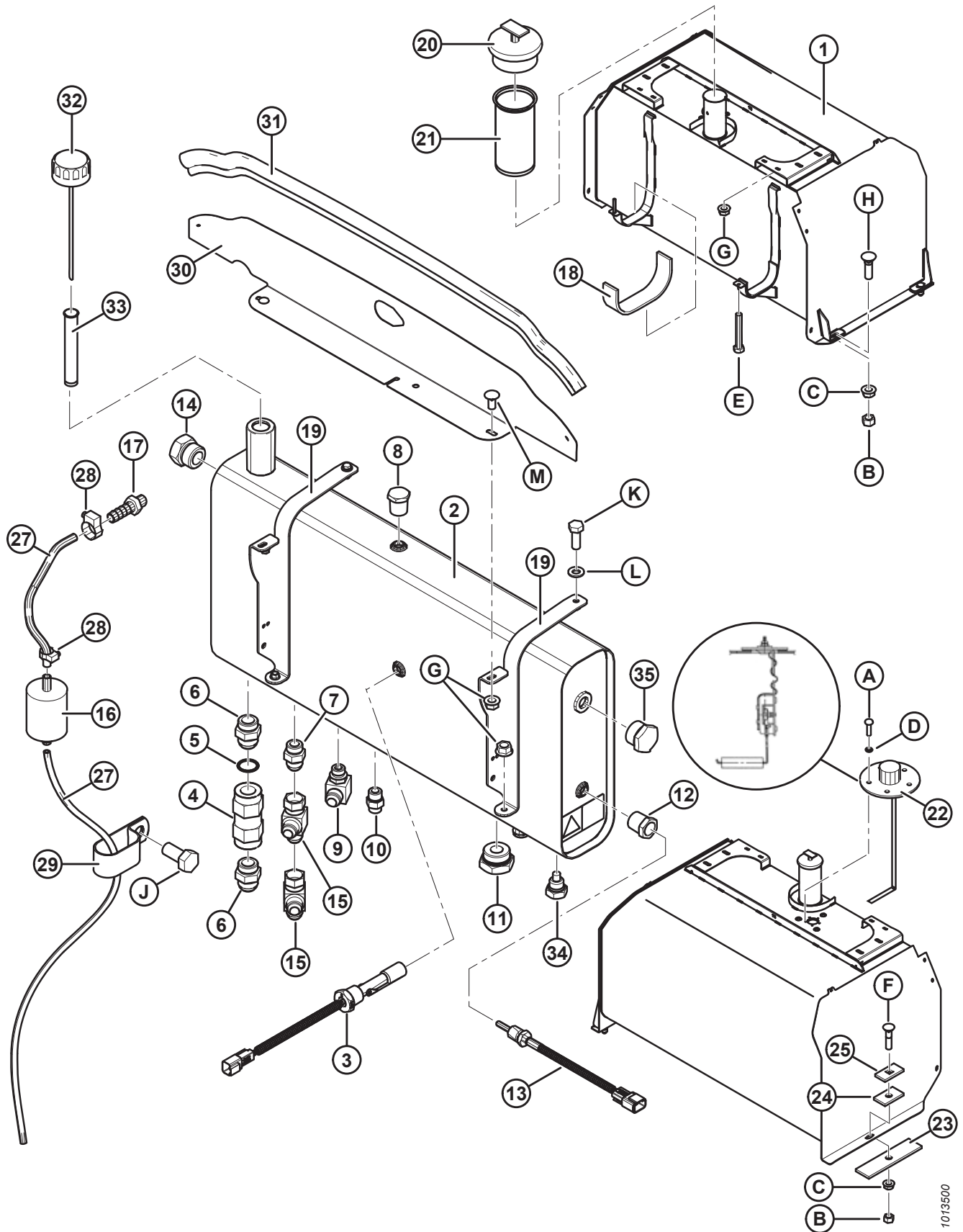


TANKS (FUEL AND HYDRAULIC)

Ref	Part Number	Description	Qty	Serial Number
1	110246	TANK – FUEL WELDT	1	
2	204556	TANK – HYDRAULIC C/W 2-PANEL DECALS ³¹	1	
3	138473	SWITCH – OIL LEVEL, ZINC BODY	1	
4	111531	CHECK VALVE – HYDRAULIC, #16 SAE 25 PSI CRACK	1	
5	50220	O-RING – #20 ORB	1	
6	21828	FITTING – ADAPTER HYD	2	
7	21830	FITTING – CONNECTOR HYD	1	
8	136558	PLUG – HEX HEAD PIPE	1	
9	30609	FITTING – ELBOW HYD	1	
10	184463	FITTING – ADAPTER 8 MORFS X 10 MORB	1	
11	135756	PLUG – #20 ORB	1	
12	21980	FITTING – REDUCER BUSHING	1	
13	183905	SENSOR – OIL TEMP ASSY	1	
14	135246	PLUG – HEX C/W O-RING	1	
15	50086	FITTING – HYD TEE	1	
16	111608	FILTER – FUEL STRAINER	2	
17	21992	FITTING – BARBED 1/8 NPT X 3/8 I.D HOSE	1	
18	110135	PAD – RUBBER	2	
19	183191	STRAP – HYD TANK	2	
20	110248	CAP – FUEL TANK	1	
21	163989	FILTER – FUEL FILLER	1	
22	112142	SENDER – FUEL LEVEL C/W GASKET	1	
23	112095	PAD – RUBBER	1	
24	112153	PAD – RUBBER	1	
25	112154	PLATE	1	
26	163639	HOSE – FUEL TANK BREATHER, 3/8 IN ID, 400 MM LG	1	
27	139068	HOSE – FUEL TANK BREATHER, 3/8 IN ID, 1000 MM LG	1	
28	30500	CLAMP – HOSE GEAR TYPE	3	
29	50022	CLAMP – INSULATED 15/16 IN.	1	
30	183192	ANGLE – AIR BAFFLE	1	
31	110807	SEAL – AIR DAM	1	
32	139066	GAUGE – VENTED FILL CAP	1	
33	111976	SCREEN – MESH	1	
34	111975	PLUG – 0.875-14 MAGNETIC HEX HEAD	1	
35	304668	SIGHT GLASS	1	
A	184608	SCREW – MACHINE #10 UNC X 0.625 IN. HEX		
B	18591	NUT – HEX 1/2-13 UNC GR 5 ZP		
C	21383	NUT – FLG .500-13 UNC (SER FACE)		
D	18634	WASHER – REG. LOCK #10 NOM. I.D ZP		
E	21262	BOLT – HEX HD 3/8 NC X 2.5 TFL GR 5 ZP		
F	30027	BOLT – RHSN 1/2 NC X 2.25 LG GR 5 ZP		

31. For units made in model year 2015 and prior, when ordering hydraulic tank (MD #204556) also order hex head pipe plug (MD #136558).

TANKS (FUEL AND HYDRAULIC)

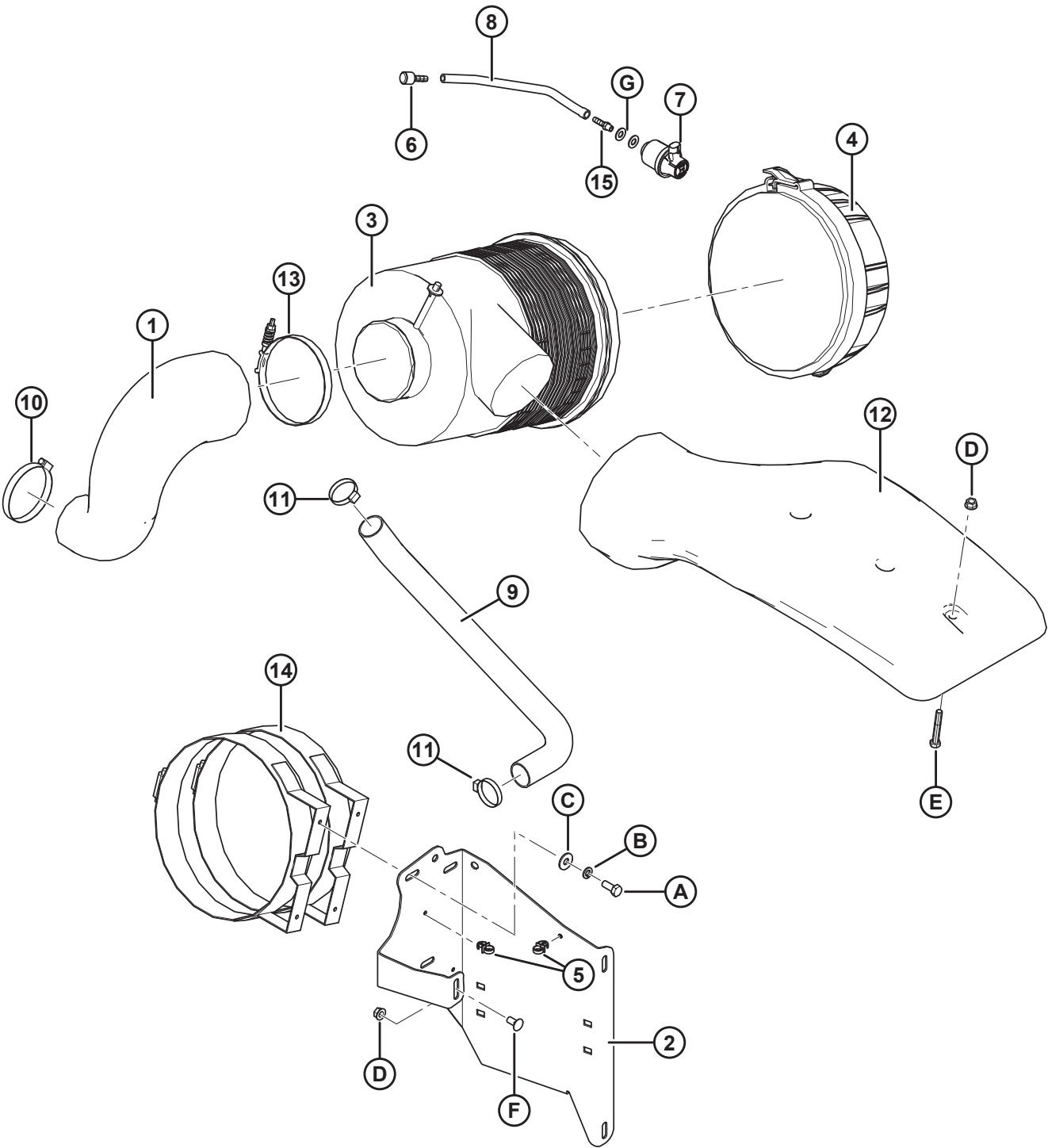


1013500

TANKS (FUEL AND HYDRAULIC)

Ref	Part Number	Description	Qty	Serial Number
G	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
H	30515	BOLT – RHSN 1/2 NC X 1.75 LG GR 5 ZP		
J	50155	BOLT – HH M12 X 1.75 X 25 LG ZP		
K	20077	BOLT – HEX HD 3/8 NC X 1.0 LG GR 5 ZP		
L	30655	WASHER – HARDENED		
M	21863	BOLT – RHSSN 3/8 NC X 0.75 LG GR 5 ZP		

20 Engine Air Intake – 2017 and Prior

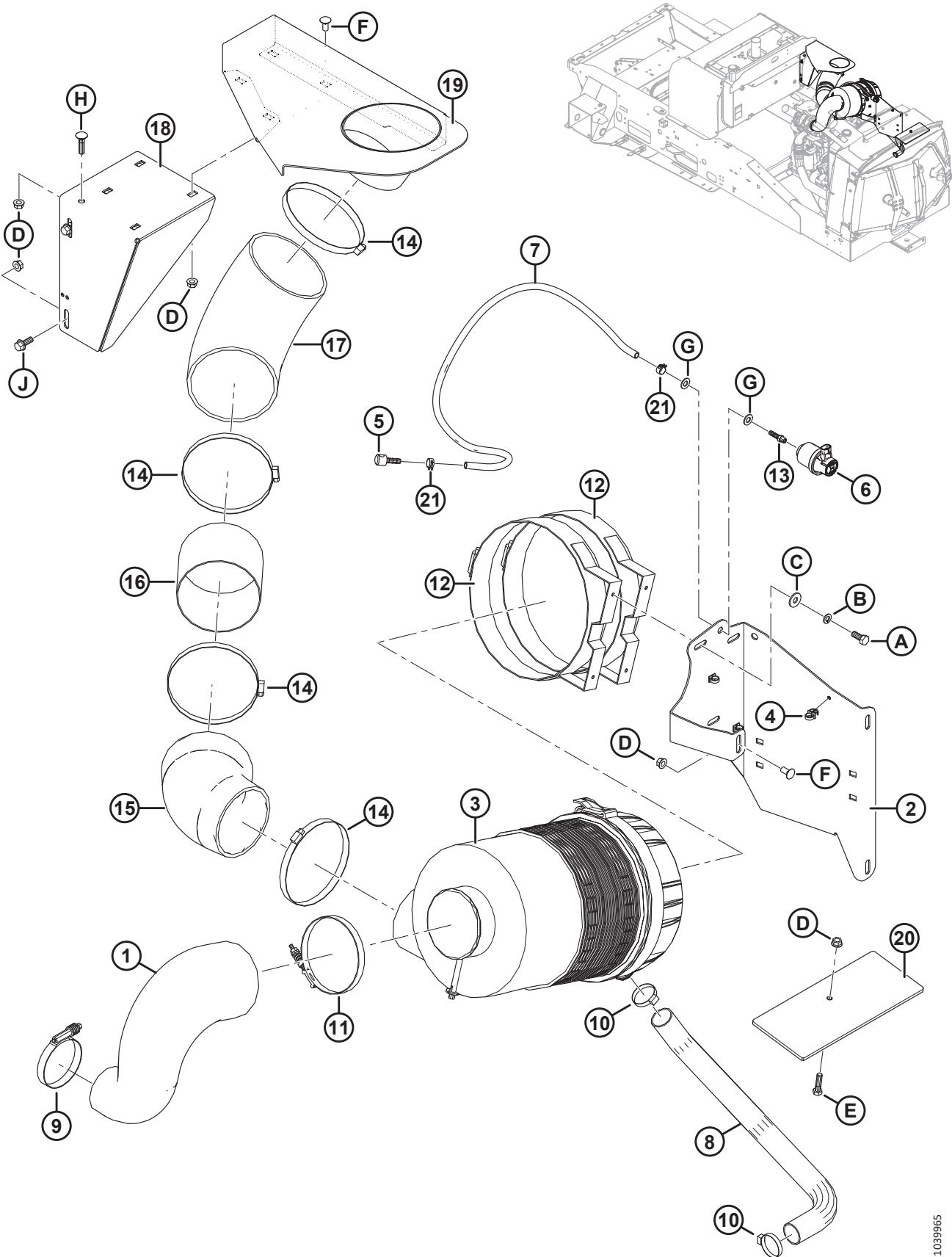


1005148

ENGINE AIR INTAKE – 2017 AND PRIOR

Ref	Part Number	Description	Qty	Serial Number
1	139686	DUCT – AIR INTAKE	1	–321189
2	138389	SUPPORT – AIR CLEANER	1	–321189
3	162144	CLEANER – AIR	1	–321189
	111954	FILTER – AIR, PRIMARY		–321189
	111955	FILTER – AIR, SECONDARY		–321189
	111957	VALVE – DUST EJECTOR		–321189
4	111956	KIT – COVER ASSEMBLY	1	–321189
5	50109	CLIP – PLASTIC	3	–321189
6	138388	FITTING – BRASS ELBOW 1/8 NPT FEMALE X 5/16 HOSE	1	–321189
7	139799	SWITCH – AIR FILTER VACUUM	1	–321189
	112850	SWITCH – AIR FILTER VACUUM (2012 ONLY)	1	216510–229510
8	138511	HOSE – AIR RESTRICTOR, 5/16 IN ID, 300 MM LG	1	–321189
9	138534	DUCT – ASPIRATOR	1	–321189
10	135534	CLAMP – HOSE (LINED)	1	–321189
11	30670	CLAMP – HOSE	2	–321189
12	139045	DUCT – AIR INTAKE	1	–321189
13	162102	CLAMP – CONSTANT TORQUE	1	–321189
14	163976	BRACKET – AIR CLEANER SUPPORT	2	–321189
15	30426	FITTING – BARBED 1/8 NPT X 5/16 I.D HOSE	1	–321189
A	30627	BOLT – HH M10 X 1.5 X 25 LG ZP		
B	30632	WASHER – LOCK SPRING M10 ZP		
C	30635	WASHER – FLAT M10 ZP		
D	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
E	21102	BOLT – HH 3/8 NC X 2.5 LG GR 5 ZP		
F	21863	BOLT – RHSSN 3/8 NC X 0.75 LG GR 5 ZP		
G	18598	WASHER – SAE FLAT 13/32 I.D X 13/16 IN O.D. ZP		

21 Engine Air Intake – 2018 and Later

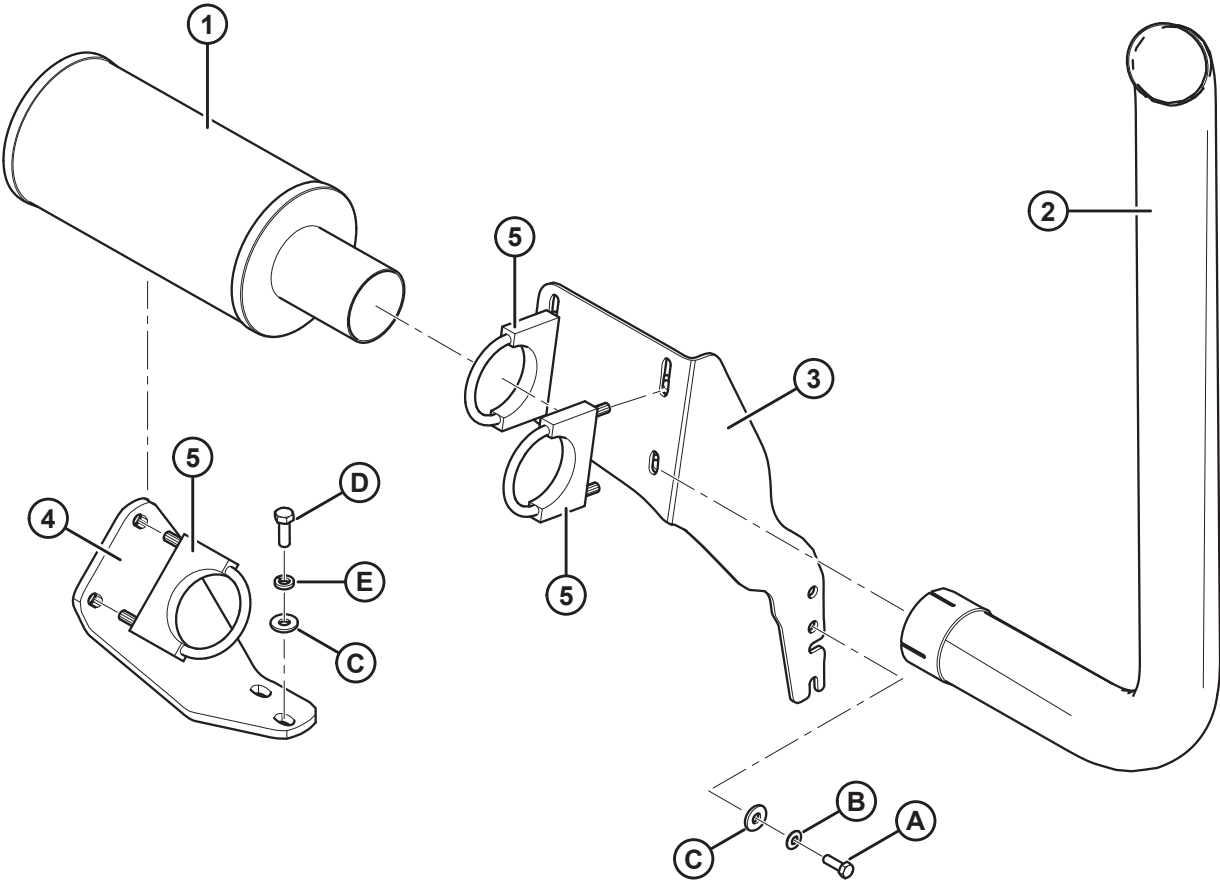


1039965

ENGINE AIR INTAKE – 2018 AND LATER

Ref	Part Number	Description	Qty	Serial Number
1	139686	DUCT – AIR INTAKE	1	321190–
2	138389	SUPPORT – AIR CLEANER	1	321190–
3	162144	CLEANER – AIR	1	321190–
	111954	FILTER – AIR, PRIMARY		321190–
	111955	FILTER – AIR, SECONDARY		321190–
	111956	KIT – COVER ASSEMBLY	1	321190–
	111957	VALVE – DUST EJECTOR		321190–
4	50109	CLIP – PLASTIC	3	321190–
5	138388	FITTING – BRASS ELBOW 1/8 NPT FEMALE X 5/16 HOSE	1	321190–
6	139799	SWITCH – AIR FILTER VACUUM	1	321190–
7	167412	HOSE – AIR RESTRICTOR, 5/16 IN ID, 760 MM LG	1	321190–
8	138534	DUCT – ASPIRATOR	1	321190–
9	209520	CLAMP – CONSTANT TORQUE 83-105	1	321190–
10	30670	CLAMP – HOSE	2	321190–
11	162102	CLAMP – CONSTANT TORQUE	1	321190–
12	163976	BRACKET – AIR CLEANER SUPPORT	2	321190–
13	30426	FITTING – BARBED 1/8 NPT X 5/16 I.D HOSE	1	321190–
14	183845	CLAMP – HOSE 5-7 IN. RANGE	4	321190–
15	167928	HOSE – ELBOW 6 IN. X 5 IN. X 45°	1	321190–
16	183734	TUBE – AIR INTAKE	1	321190–
17	139943	HOSE – ELBOW 6 IN. X 90°	1	321190–
18	167411	SUPPORT BRACKET	1	321190–
19	183710	SUPPORT WELDMENT	1	321190–
20	139934	PLATE – AIR INTAKE	1	321190–
21	167458	CLAMP – ROTOR CLIP, HOSE	2	321190–
A	30627	BOLT – HH M10 X 1.5 X 25 LG ZP		
B	30632	WASHER – LOCK SPRING M10 ZP		
C	30635	WASHER – FLAT M10 ZP		
D	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
E	21561	BOLT – HH 3/8 NC X 1.5 LG GR 5 ZP		
F	21863	BOLT – RHSSN 3/8 NC X 0.75 LG GR 5 ZP		
G	18598	WASHER – SAE FLAT 13/32 I.D X 13/16 IN O.D. ZP		
H	21484	BOLT – RHSN 3/8-16 X 1.5-GR5-ZP		
J	135966	BOLT – HH FLG (SM FACE) 3/8 NC X 1.0 GR 5 ZP		

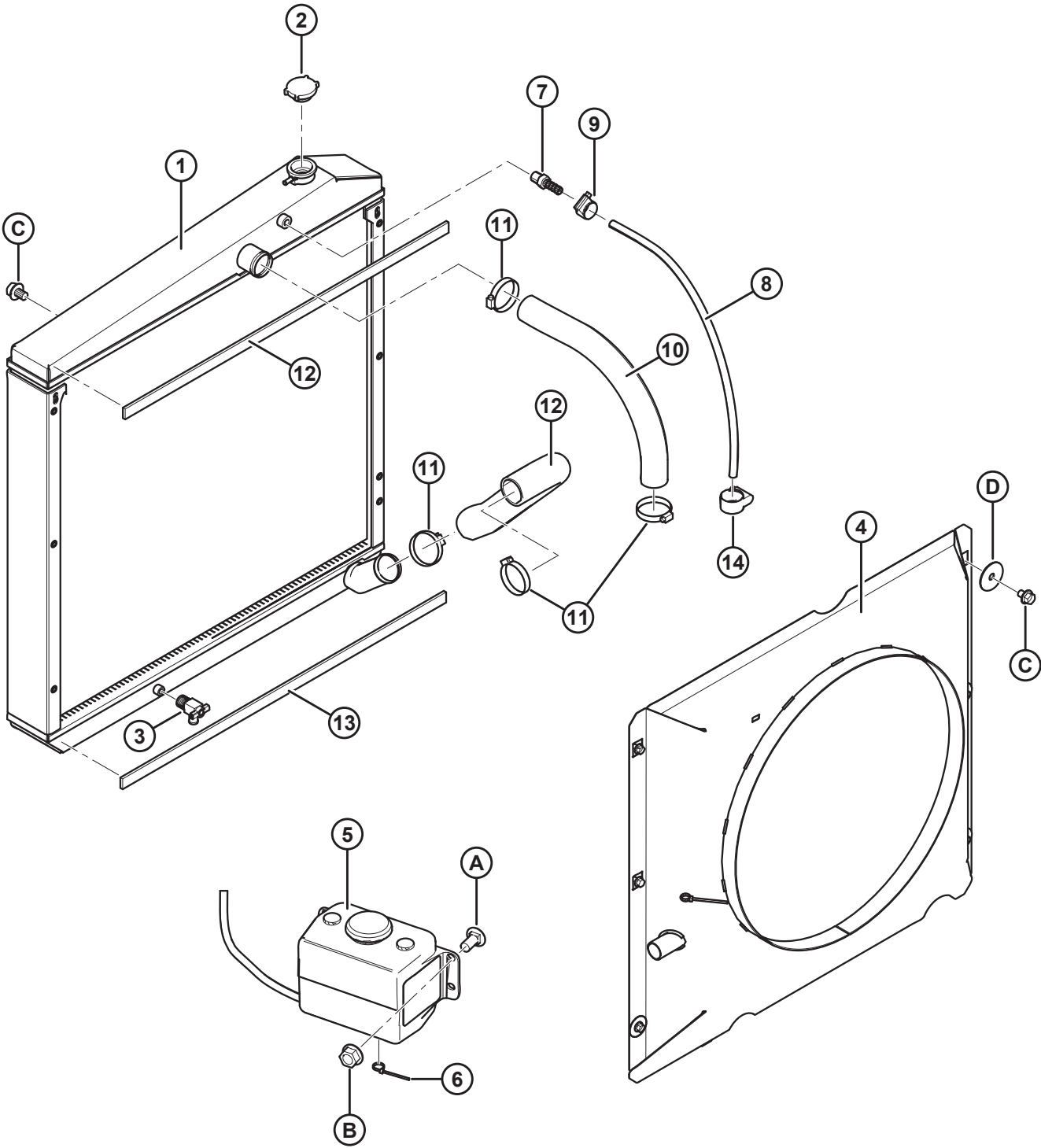
22 Engine Exhaust



ENGINE EXHAUST

Ref	Part Number	Description	Qty	Serial Number
1	138700	MUFFLER	1	
2	138704	TUBE – EXHAUST, 3 IN.	1	
3	138562	SUPPORT – EXHAUST	1	
4	139053	SUPPORT – TURBO OUTLET	1	
5	42469	CLAMP – PIPE	3	
A	136057	BOLT – HH TFL M8 X 25 GR 10.9		
B	184579	WASHER – CONICAL SPRING M8A		
C	20535	WASHER – FLAT		
D	184661	BOLT – HH M10 X 1.5 X 30 LG ZP		
E	30632	WASHER – LOCK SPRING M10 ZP		

23 Radiator



RADIATOR

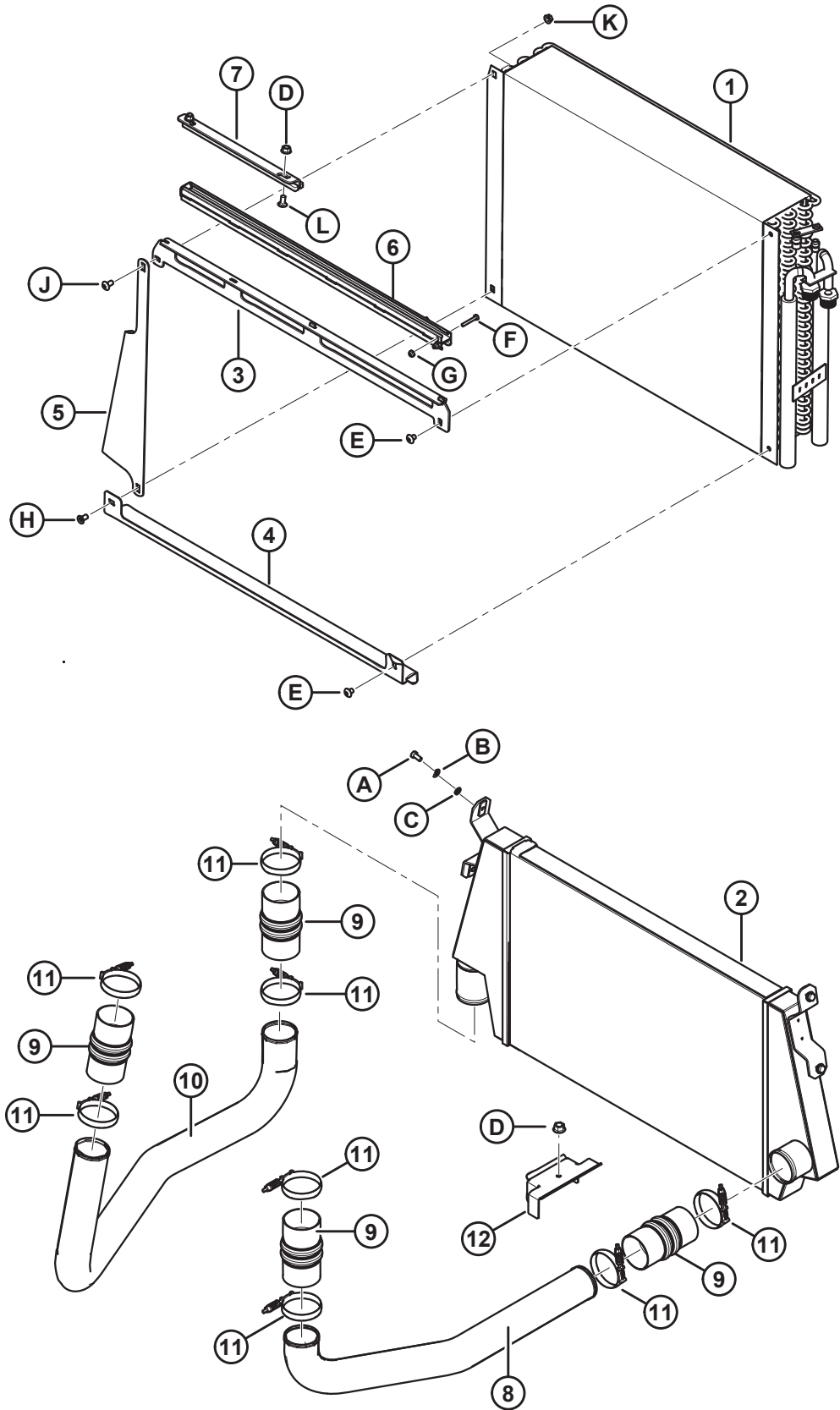
Ref	Part Number	Description	Qty	Serial Number
1	138968	RADIATOR – 4 CYL ³²	1	
2	109934	CAP – RADIATOR	1	
3	166521	FITTING – DRAIN COCK	1	
4	166431	SHROUD – C/W 2-PANEL DECALS	1	
5	183772	ASSEMBLY – RADIATOR TANK, C/W DECAL ³³	1	
6	16661	FASTENER – CABLE TIE, BLACK ³⁴	1	
7	21046	FITTING – BARBED 1/4 NPT X 3/8 I.D HOSE	1	
8	166384	HOSE – FILL VENT, 3/8 IN ID, 630 MM LG	1	
9	30094	CLAMP – HOSE GEAR TYPE	1	
10	138576	HOSE – RADIATOR, TOP	2	
11	17959	CLAMP – HOSE	4	
12	138578	HOSE – RADIATOR, BOTTOM	1	
13	110395	SEAL – SPONGE, 6.5 X 25, 900 MM LG	2	
14	21053	CLAMP – GEAR TYPE	1	
A	21863	BOLT – RHSSN 3/8 NC X 0.75 LG GR 5 ZP		
B	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
C	30693	BOLT – FLG (SER FACE) .375-16 UNC X 0.50 LG		
D	31465	WASHER – FLAT		

32. Includes radiator cap (MD #109934) and drain cock fitting (MD #166521).

33. Includes decal MD #134069.

34. Used to secure rubber hose to radiator tank (MD #183772).

24 Coolers

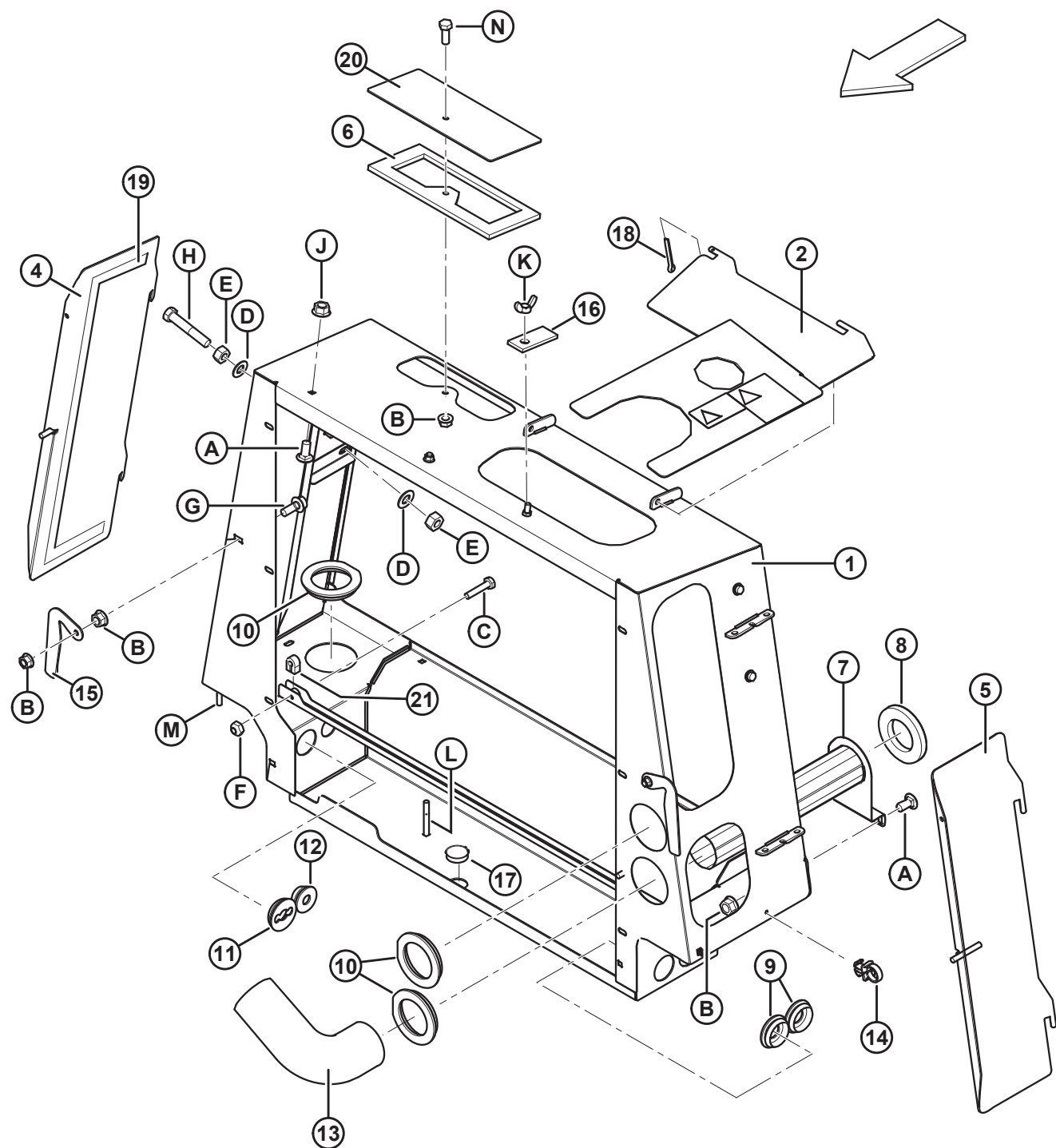


COOLERS

Ref	Part Number	Description	Qty	Serial Number
1	166830	COOLER – OIL, A/C CONDENSER	1	
	167942	KIT – A/C CONDENSER, OIL COOLER ³⁵		–321189
2	209888	COOLER – CAC	1	
3	167527	SUPPORT – COOLER TOP, WELD'T	1	
	138377	SUPPORT – COOLER TOP, WELD'T ³⁶	1	–321189
4	167529	SUPPORT – COOLER BOTTOM	1	
	138296	SUPPORT – COOLER BOTTOM ³⁶	1	–321189
5	138364	SUPPORT – COOLER, RH	1	
6	110680	SLIDE – WELD'T	1	
7	138380	SUPPORT – SLIDE, WELD'T	1	
8	138976	TUBE – CAC HOT SIDE	1	
9	163905	CONNECTOR – CAC	1	
10	138404	TUBE – CAC COOL SIDE	1	
11	111643	CLAMP – CONSTANT TORQUE	1	
12	138392	BRACKET – COOLER LINES	4	
A	21567	BOLT – HEX HD .375-16 UNC X 0.75 LG		
B	18598	WASHER – SAE FLAT 13/32 I.D X 13/16 IN O.D. ZP		
C	18637	WASHER – REG. LOCK 3/8 IN. NOM. I.D ZP		
D	21452	NUT – FLG (SER. FACE) .375-16 UNC		
E	105137	SCREW – MCH TORX HD 3/8-16 X 1/2-GR5-AA1J		
	21821	BOLT – HH FLG (SER FACE) 3/8 NC X 0.75 GR 5 ZP ^{36, 37}		–321189
F	21952	BOLT – HH 1/4 NC X 1.75 LG GR 5 ZP		
G	18724	NUT – HEX LOCK DT 1/4-20 UNC ZP		
H	113420	SCREW – TORX SOC CSK HD 3/8-16 X .75-GR5-AA1J		
	21863	BOLT – RHSSN 3/8 NC X 0.75 LG GR 5 ZP ³⁶		–321189
J	135157	SCREW – MACHINE		
	21863	BOLT – RHSSN 3/8 NC X 0.75 LG GR 5 ZP ³⁶		–321189
K	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
L	21863	BOLT – RHSSN 3/8 NC X 0.75 LG GR 5 ZP		

35. Kit used to update oil cooler on model year 2017 and prior windrowers that do not have cooler MD #166830 installed. Includes spacer to move rad sweep forward 1.6 mm if installed. The new oil cooler will reduce oil temperature and increase the required cleaning interval. Refer to Section [84 \(Option\) A/C Oil Cooler Upgrade, page 207](#).
36. For units made in model year 2017 and prior that have superseded cooler MD #138556 installed.
37. Install with flange nut MD #30228.

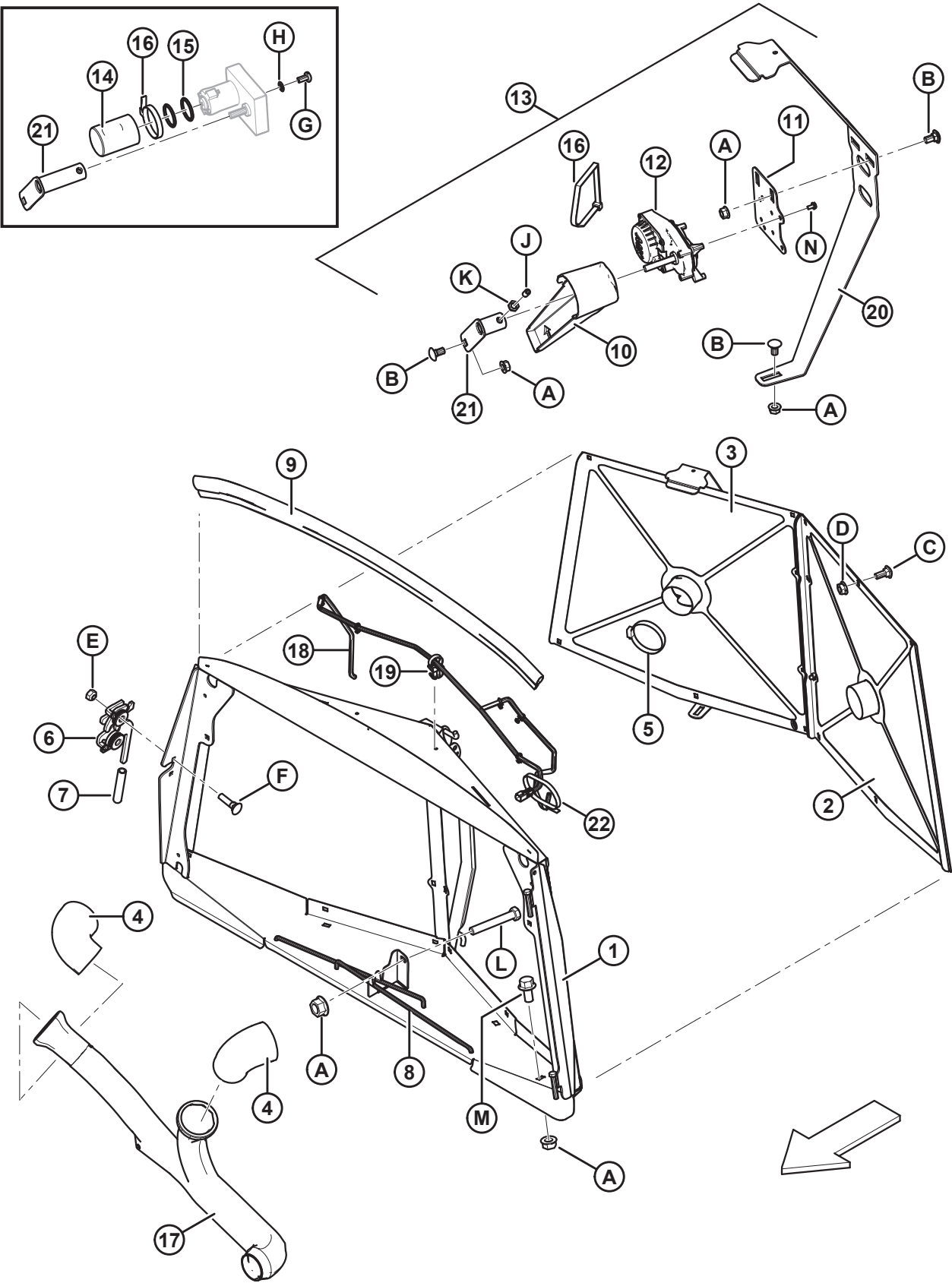
25 Cooler Box



COOLER BOX

Ref	Part Number	Description	Qty	Serial Number
1	167946	SUPPORT – COOLERS, WELD'T	1	
2	306795	ASSY – COOLER DOOR COVER	1	
4	138793	DOOR – COOLER ACCESS, RH WELDT	1	
5	110898	DOOR – COOLER ACCESS, LH WELDT	1	
6	139502	GASKET – AIR INTAKE	1	
7	110897	TUBE – CLEANER, WELD'T	1	
8	110702	SEAL – CLEANER DUCT, 64 MM I.D., 110 MM O.D. X 12.7 MM	1	
9	110967	GROMMET – 1.06 IN. I.D.	2	
10	110677	GROMMET	3	
11	163549	GROMMET	1	
12	45155	GROMMET – 0.75 IN. I.D.	1	
13	110969	HOSE – SCREEN CLEANER ELBOW, 3 IN. I.D.	1	
14	30542	FASTENER – BLACK NYLON CLIP	2	
15	110701	LATCH	2	
16	44217	LATCH	1	
17	161378	PLUG – HOLE (Ø1.5 IN.)	1	
18	18605	PIN – COTTER 1/8 DIA X 1 ZP	1	
19	139095	SEAL – 12.7 MM X 25 MM, 937 MM LG	6	
20	204064	PLATE – AIR INTAKE	1	
21	139220	SPACER – SLIDE MECHANISM	1	
A	21863	BOLT – RHSSN 3/8 NC X 0.75 LG GR 5 ZP		
B	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
C	30942	BOLT – HH 1/4 NC X 1.25 LG GR 5 ZP		
D	18688	WASHER – SAE FLAT 0.47 IN. I.D. X 0.92 IN. O.D. ZP		
E	18654	NUT – HEX 7/16-14 UNC GR 5 ZP		
F	18724	NUT – HEX LOCK DT 1/4-20 UNC ZP		
G	21975	BOLT – HH FLG (SER FACE) 3/8 NC X 1.0 GR 5 ZP		
H	21988	BOLT – HH 7/16 NC X 2.5 LG GR 5 ZP		
J	21452	NUT – FLG (SER. FACE) .375-16 UNC		
K	21289	NUT – WING TYPE A 3/8 NC ZP		
L	21568	BOLT – HH 3/8 NC X 3.0 LG GR 5 ZP		
M	30936	BOLT – HH FLG (SER FACE) 3/8 NC x 1.25 GR 5 ZP		
N	20077	BOLT – HEX HD 3/8 NC X 1.0 LG GR 5 ZP		

26 Screen Cleaner



1021921

SCREEN CLEANER

Ref	Part Number	Description	Qty	Serial Number
1	183227	SUPPORT – SCREEN, WELD'T ³⁸	1	244010–
2	167984	SCREEN – LH	1	
3	167983	SCREEN – RH	1	
4	110928	HOSE – 90° ELBOW	2	
5	21913	CLAMP – HOSE	2	
6	134003	ASSY – RH STIRRUP LATCH	1	
7	110817	COVER – SOFTEX GRIP	1	
8	110386	ROD – SCREEN PROP	1	
9	110875	SEAL – TOP RAD/HOOD	1	
10	110882	DUCT – SCREEN CLEANER	2	
11	167585	SUPPORT – MOTOR	2	
12	167956	MOTOR – ELECTRICAL, WITH GROMMET ³⁹	2	
	167876	GROMMET – SCREEN CLEANER MOTOR		
13	167589	KIT – SCREEN CLEANER MOTOR ⁴⁰	A/R	
14	112149	CAP ⁴¹	2	–301189
15	163698	O-RING – VITON ⁴¹	4	–301189
16	30753	FASTENER – CABLE TIE, BLACK, 305 MM LG	2	
17	110883	DUCT – CLEANER, DUAL	1	
18	110908	HARNESS – SCREEN CLEANERS ⁴¹	1	–301189
	167713	HARNESS – SCREEN CLEANERS ³⁸	1	301190–
19	30542	FASTENER – NYLON CLIP (BLACK)	7	
20	110968	STRAP – MOTOR SUPPORT ⁴¹	2	–301189
	167584	STRAP – MOTOR SUPPORT	2	
21	110885	SHAFT – DUCT DRIVE, WELD'T ⁴¹	2	–301189
	167586	SHAFT – DUCT DRIVE, WELD'T	2	
22	21763	FASTENER – CABLE TIE, BLACK, 160 MM LG	1	
A	30228	NUT – FLANGE DT SMTH FACE 0.375-16 UNC		
B	21472	BOLT – RHSN 3/8-16 X 0.75 GR 5		
C	21281	BOLT – RHSN 5/16 NC X 0.75 GR 5 ZP		
D	30280	NUT – FLG SIDE LK SMTH FACE 5/16 NC GR 5 ZP		
E	18690	NUT – HEX LOCK DT 5/16-18 UNC ZP		
F	21282	BOLT – RHSN 5/16 NC X 1.0 LG GR 5 ZP		
G	30955	SCREW – MACH RD HD SLT # 8-32 NC X 5/16 LG BLK ⁴²		–301189

38. Service part for units made in model year 2014 and later.

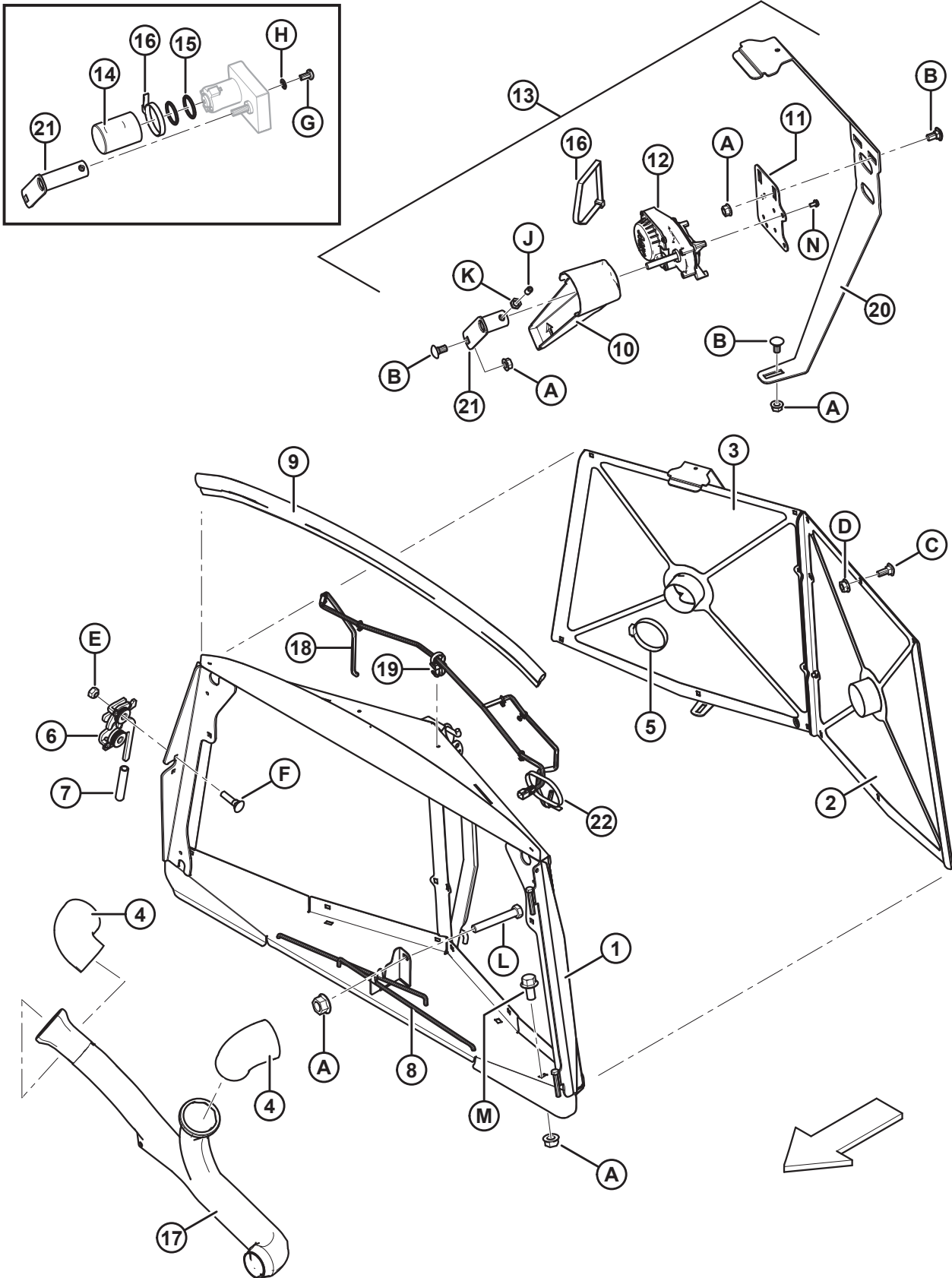
39. For all units made in model year 2017 and later, and for units made in model year 2016 and prior that have been serviced with Screen Cleaner Motor kit (MD #167589).

40. For units made in model year 2016 and prior, the kit (MD #167589) can be ordered to replace motor MD #42369. Kit includes motor (MD #167956), strap (MD #167584), support (MD #167585), duct drive shaft (MD #167586), harness (MD #167713), wire adapter (MD #167714), fastener (MD #30753), nut (MD #18664), setscrew (MD #18709), four screws (MD #252261), and instructions.

41. Service part only for units made in model year 2016 and prior that have not been serviced with Screen Cleaner Motor kit (MD #167589).

42. Service part only for units made in model year 2016 and prior that have not been serviced with Screen Cleaner Motor kit (MD #167589).

SCREEN CLEANER

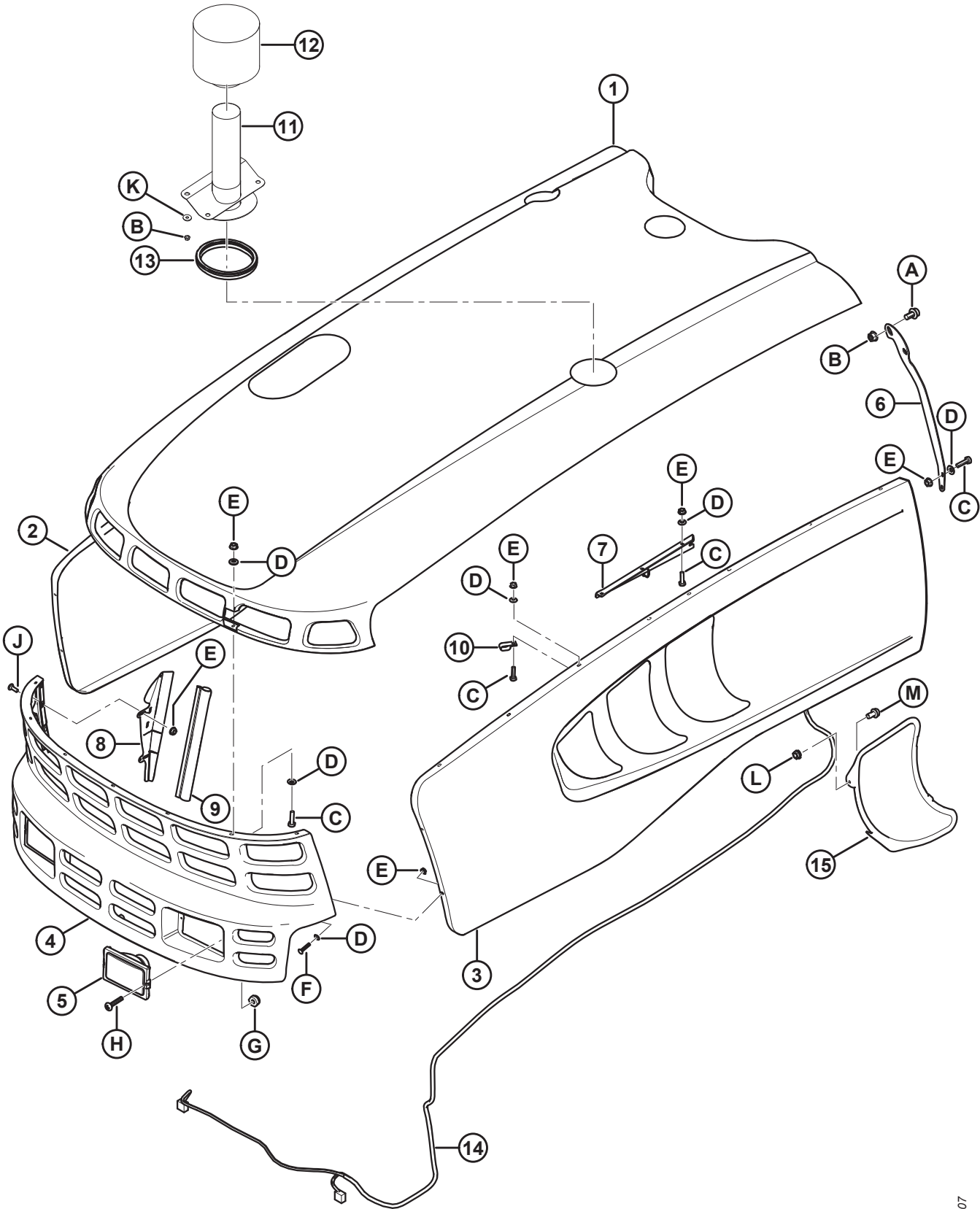


1021921

SCREEN CLEANER

Ref	Part Number	Description	Qty	Serial Number
H	20042	WASHER – REG. LOCK #8 NOM. I.D. ZP ⁴²		–301189
J	18709	SCREW – SET HEX SOC CUP PT 3/8 NC X 5/8 LG		
K	18664	NUT – HEX JAM 3/8-16 UNC GR 5 ZP		
L	21102	BOLT – HH 3/8 NC X 2.5 LG GR 5 ZP		
M	21821	BOLT – HH FLG (SER FACE) 3/8 NC X 0.75 GR 5 ZP		
N	252261	SCREW – HH MACH SLOT #10-24 UNC X 3 X 8 GR2-AA-3L		

27 Hood



1030007

HOOD

Ref	Part Number	Description	Qty	Serial Number
	REF	KIT – HOOD REINFORCEMENT ⁴³	1	
1	161404	HOOD – TOP BONDING ASSEMBLY	1	
2	139535	PANEL – LH HOOD	1	
3	139536	PANEL – RH HOOD ⁴⁴	1	
	206487	PANEL – RH HOOD ⁴⁵	1	321190–371189
4	110458	HOOD – GRILL BONDING ASSY	1	
5	110268	ASSY – ABL ROADLIGHT	2	
	110267	LIGHT – H4 BULB, 12 VOLT, 60/55 WATT		
	110266	INSULATOR – RUBBER BOOT (ABL ROADLITE)		
	110265	OPTICAL UNIT – ABL ROAD LIGHT		
	110264	BEZEL – ABL ROAD LIGHT		
6	183160	BRACE – LH HOOD	1	
	183161	BRACE – RH HOOD	1	
7	110416	SUPPORT – LH GAS SPRING	1	
	110417	SUPPORT – RH GAS SPRING	1	
8	183195	ANGLE – LH RAD/HOOD SEAL	1	
	183196	ANGLE – RH RAD/HOOD SEAL	1	
9	167078	SEAL – BULB, SIDE ANGLES, 480 MM LG	2	
10	135224	CLIP – WIRE HOLDER	3	
11	204076	SUPPORT – PRE-CLEANER ⁴⁶	1	
12	204063	PRE-CLEANER	1	
13	183838	SEAL – PRE-CLEANER	1	
14	167769	HARNESS – HOOD, M SERIES	1	
15	206481	ASSY – SCREEN FRAME BONDING ⁴⁷		321190–371189
A	21821	BOLT – HH FLG (SER FACE) 3/8 NC X 0.75 GR 5 ZP		
B	30228	NUT – FLG DT SMTH FACE 0.375-16 UNC		
C	21573	BOLT – HEX HD 1/4 NC X 1.0 LG GR 5 ZP		
D	112221	WASHER – STEEL/RUBBER		
E	21455	NUT – FLG (SER FACE) 1/4 NC GR 5 ZP		
F	135623	BOLT – RHSN 1/4 NC X 1.25 GR 5 ZP		
G	135159	NUT – NYLOC #6-32		
H	110477	SCREW – #6 X 0.75 IN.		
J	21476	BOLT – RHSN 1/4 NC X 0.75 GR 5 ZP		
K	118029	WASHER – FLAT		
L	30280	NUT – FLG SIDE LK SMTH FACE 5/16 NC GR 5 ZP ⁴⁷		
M	21393	BOLT – HH FLG (SERR FACE) 5/16 X 0.63 GR 5 ZP ⁴⁷		

43. Refer to Section [94 \(Option\) Hood Reinforcement Kit, page 227](#).

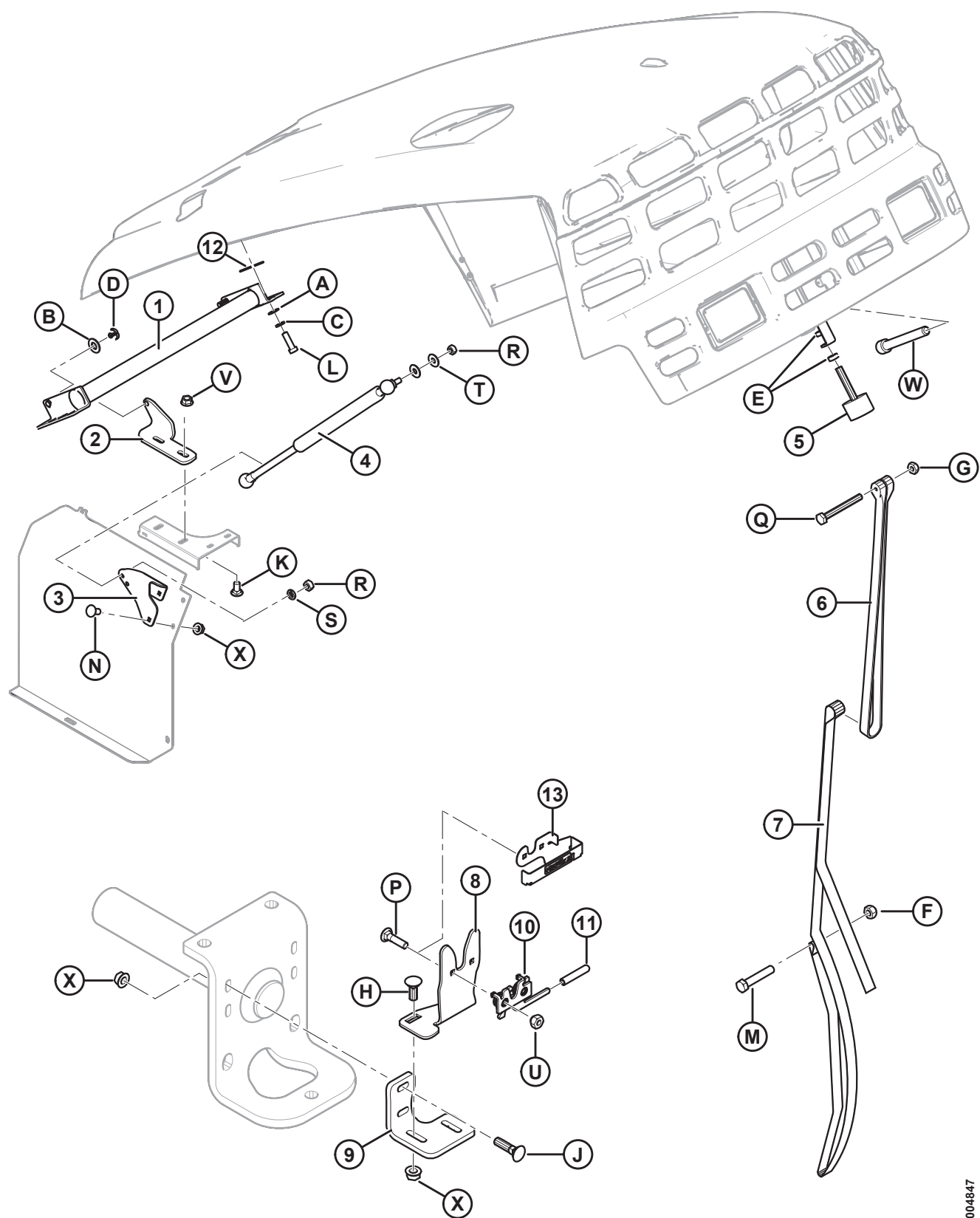
44. Can be installed on all model years. This part does not include screen frame assembly MD #206481, which is not required on M155 Windrowers.

45. Installed on units made in model year 2018 and 2019.

46. Attaches to screws that are welded under hood MD #161404.

47. For model year 2018 and 2019 units that have RH hood panel MD #206487.

28 Hood Mechanism



1004847

HOOD MECHANISM

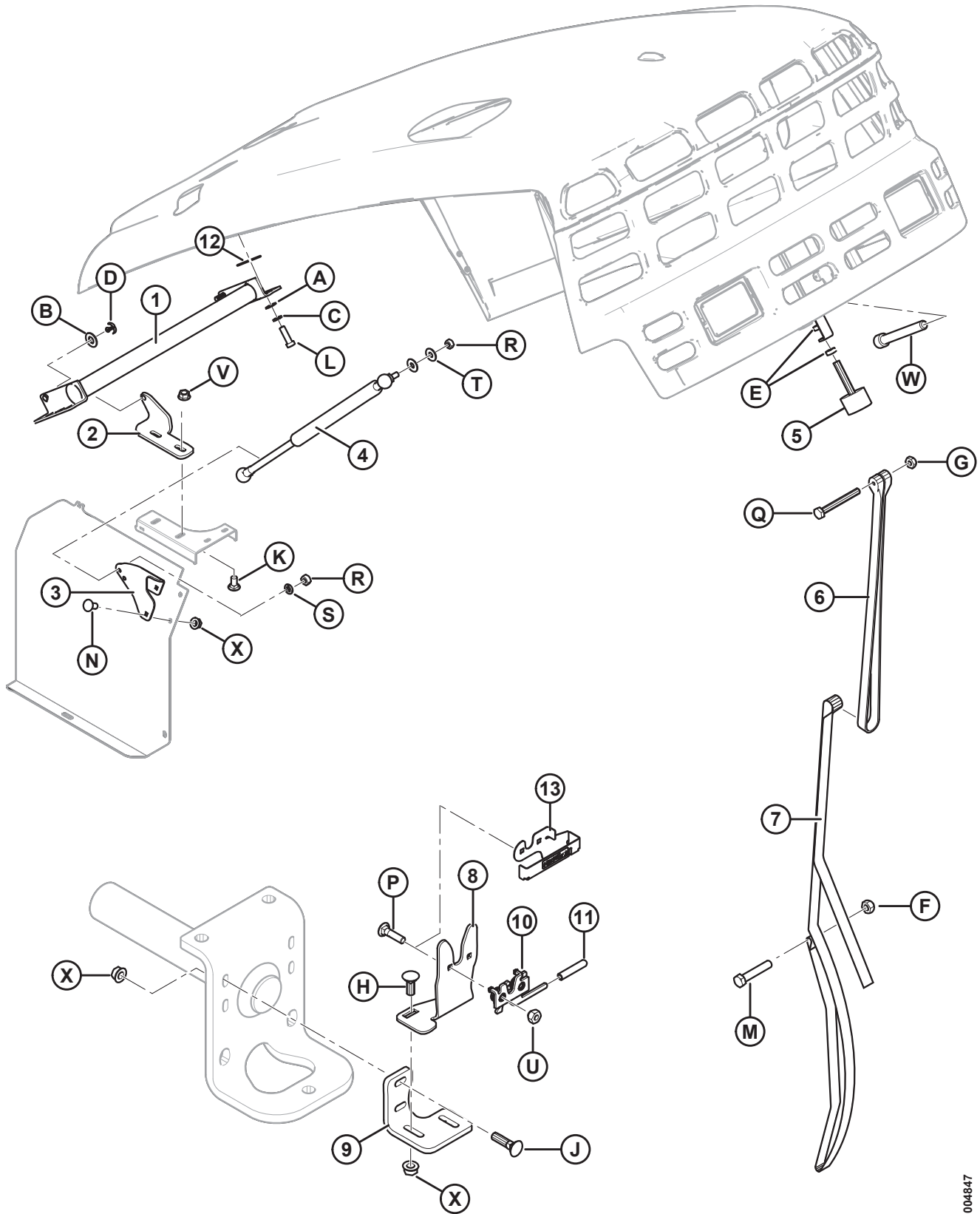
Ref	Part Number	Description	Qty	Serial Number
1	110773	MEMBER – TORSION (HOOD PIVOT)	1	
2	183223	ANGLE – LH HOOD PIVOT ⁴⁸	1	244010–
	183224	ANGLE – RH HOOD PIVOT ⁴⁸	1	244010–
	110456	ANGLE – LH HOOD PIVOT ⁴⁹	1	–244009
	110457	ANGLE – RH HOOD PIVOT ⁴⁹	1	–244009
3	183221	ANCHOR – LH HOOD LIFT CYLINDER ⁴⁸	1	244010–
	183222	ANCHOR – RH HOOD LIFT CYLINDER ⁴⁸	1	244010–
	183242	ANCHOR – LH HOOD LIFT CYLINDER ⁴⁹	1	–244009
	183243	ANCHOR – RH HOOD LIFT CYLINDER ⁴⁹	1	–244009
4	110475	CYLINDER – GAS (HOOD)	2	
5	110354	BUMPER – RUBBER	1	
6	183424	STRAP – RUBBER	1	
7	110461	STRAP – HOOD PULL	1	
8	183220	SUPPORT – HOOD LATCH ⁴⁸	1	244010–
	139411	SUPPORT – HOOD LATCH ⁴⁹	1	–244009
9	110467	PLATE – LATCH MOUNT	1	
10	134003	ASSY – STIRRUP LATCH	1	
11	110817	COVER – SOFTEX GRIP (0.281 X 2.125 IN.)	1	
12	166132	SHIM – HOOD TO TORSION BAR	2	
13	166758	ASSY – LATCH COVER C/W DECALS ⁵⁰		
	166757	DECAL – TOOL ONLY LATCH COVER ⁵⁰		
A	18598	WASHER – SAE FLAT 13/32 I.D. X 13/16 IN. O.D. ZP		
B	18599	WASHER – SAE FLAT 17/32 I.D. X 1-1/16 IN. O.D. ZP		
C	18637	WASHER – REG. LOCK 3/8 IN. NOM. I.D. ZP		
D	18648	PIN – COTTER 3/16 DIA X 1.25 ZP		
E	18664	NUT – HEX JAM 3/8-16 UNC GR 5 ZP		
F	18669	NUT – HEX LOCK DT 3/8-16 UNC ZP		
G	18724	NUT – HEX LOCK DT 1/4-20 UNC ZP		
H	19965	BOLT – RHSN 3/8 NC X 1.0 GR 5 ZP		
J	21484	BOLT – RHSN 3/8 NC X 1.5 LG GR 5 ZP		
K	21066	BOLT – RHSN 1/2 NC X 1 GR 5 ZP		
L	21264	BOLT – HH 3/8 NC X 1.25 LG GR 5 ZP		
M	21354	BOLT – HH 3/8 NC X 2.0 LG GR 5 ZP		
N	21863	BOLT – RHSSN 3/8 NC X 0.75 LG GR 5 ZP		
P	21473	BOLT – RHSN 5/16 NC X 1.25 LG GR 5 ZP		
Q	30638	BOLT – HH 1/4 NC X 2.25 LG GR 5 ZP		
R	30505	NUT – HEX M10 X 1.5 ZP CLASS 10 STYLE 1		
S	30632	WASHER – LOCK SPRING M10 ZP		
T	30635	WASHER – FLAT M10 ZP		

48. For units made in model year 2014 and later.

49. For units made in model year 2013 and prior.

50. European Union export only.

HOOD MECHANISM

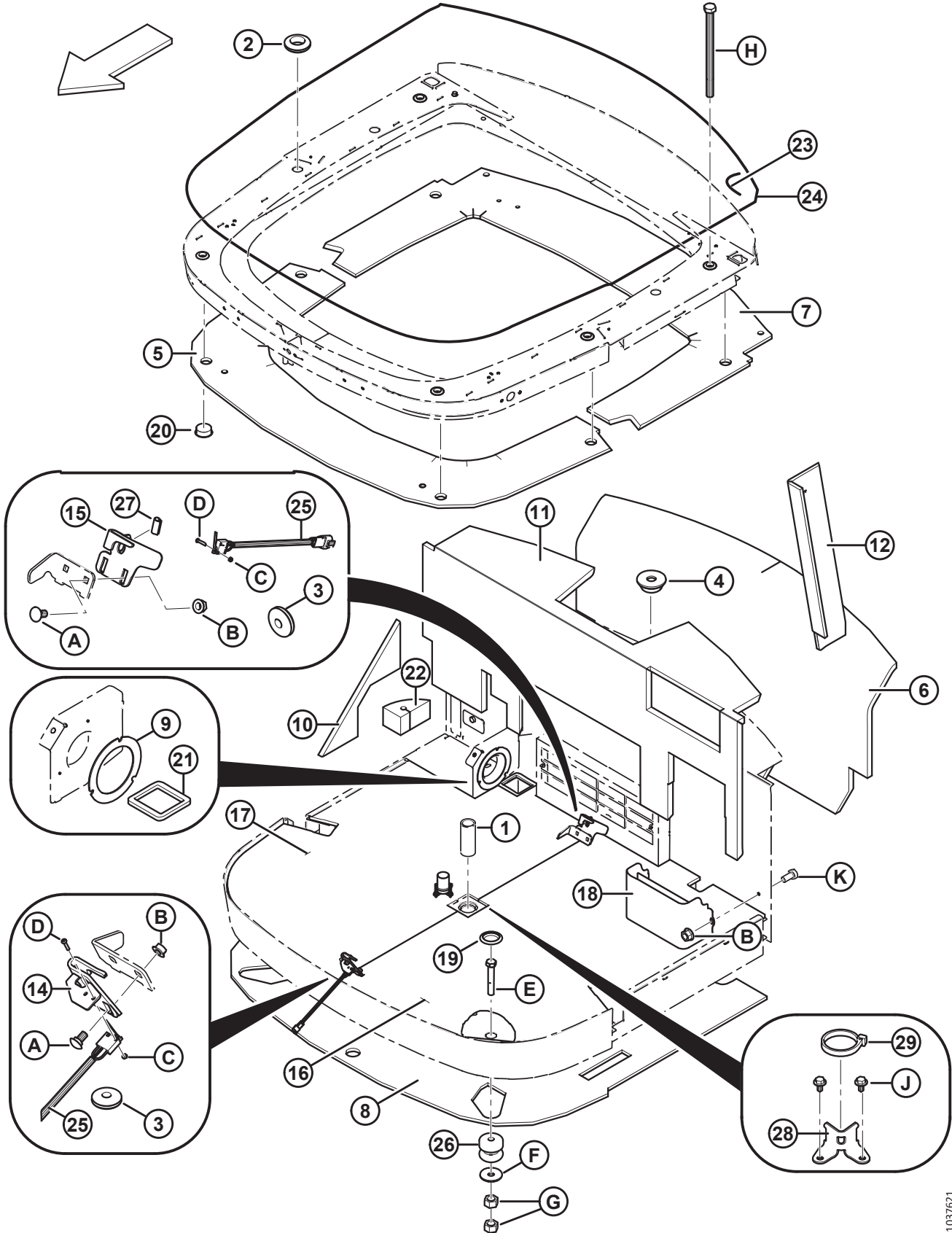


1004847

HOOD MECHANISM

Ref	Part Number	Description	Qty	Serial Number
U	35689	NUT – SPECIAL		
V	50186	NUT – FLG LOCK SM FACE DT 0.500-13 UNC GR 5		
W	135926	BOLT – HEX HD M12-1.75 X 100 ZN PL		
X	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		

29 Cab Seals, Grommets, Mounts, and Upholstery



1037621

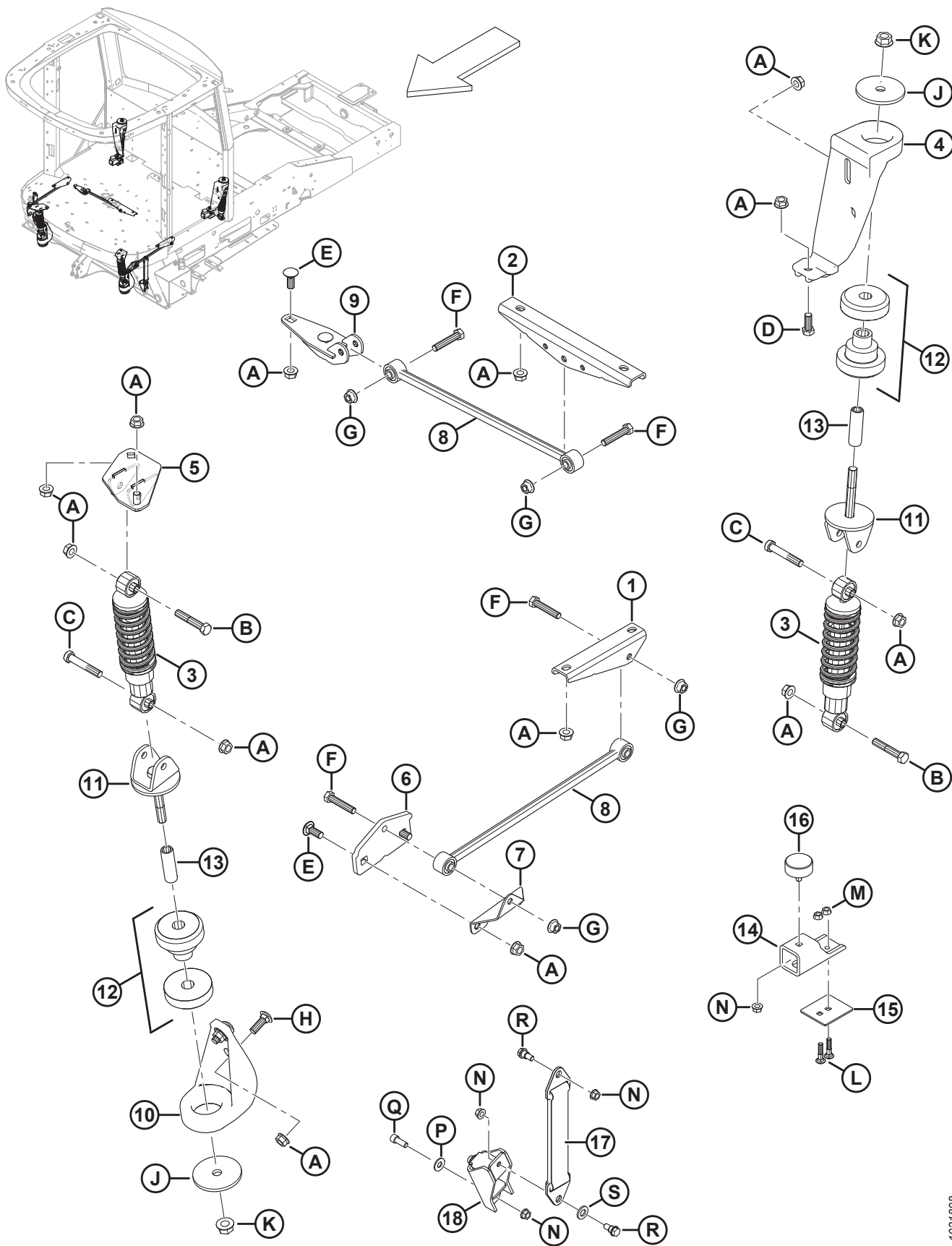
CAB SEALS, GROMMETS, MOUNTS, AND UPHOLSTERY

Ref	Part Number	Description	Qty	Serial Number
	208962	CAB – ASSEMBLY (SUSPENSION)		
1	109350	BUSHING – SLEEVE, 1.5 IN.	1	
2	42046	GROMMET – 25.4 IN. I.D., 44.5 IN. O.D. X 12.5	6	
3	42415	GROMMET – 9.5 IN. I.D., 31.5 IN. O.D. X 10	3	
4	42080	GROMMET – 15.7 IN. I.D., 50 IN. O.D., ANGLED	1	
5	109729	INSULATOR – FRONT	1	
6	183425	INSULATOR – OUTSIDE REAR CAB	1	
7	183309	INSULATOR – REAR	1	
8	167702	INSULATOR – UNDER CAB FLOOR ⁵¹	1	244010–
	138211	INSULATOR – UNDER CAB FLOOR ⁵²	1	–244009
9	139225	INSULATOR – BLOWER	1	
10	138994	INSULATOR – CORNER	1	
11	183308	INSULATOR – REAR LOWER	1	
12	139120	INSULATOR – LEFT POST	1	
	139121	INSULATOR – RIGHT POST	1	
14	109734	LATCH – FRONT	1	
15	109735	LATCH – REAR	1	
16	139029	MAT – FLOOR, LH	1	
17	183310	MAT – FLOOR, RH	1	
18	109837	PANEL – LEFT STORAGE WELD'T	1	
19	30931	PLUG – PLASTIC SNAP-IN	4	
20	109761	PLUG – DECORATIVE	6	
21	139026	SEAL – BLOWER	1	
22	139034	SEAL – CORNER POST	1	
23	109789	SEAL – FOAM, 19 X 19 X 200 MM LG	2	
24	109790	SEAL – FOAM, 19 X 19 X 5900 MM LG	1	
25	109699	SWITCH – SNAP ACTION	1	
26	161378	PLUG – HOLE (Ø1.5 IN.)	1	
27	42072	MOULDING	1	
28	183347	BRACKET – FLEXAUST	1	
29	21763	FASTENER – CABLE TIE BLACK	1	
A	21472	BOLT – RHSN 3/8 NC X 0.75 GR 5 ZP		
B	30228	NUT – FLG DT SMTH FACE 0.375-16 UNC		
C	135159	NUT – NYLOC, #6		
D	135158	SCREW – PAN HEAD #6-32 X 3/4 LG		
E	21560	BOLT – HEX HD SAE 1429		
F	42592	WASHER – FLAT		
G	18591	NUT – HH 1/2-13 UNC GR 5 ZP		
H	30947	BOLT – HH 1/2 NC X 7.5 LG GR 5 ZP		
J	136605	SCREW – TPG HEX FLG HD #8-18 X 3/8-CS-AA1J		
K	30963	BOLT – HEX HD 0.375-16 UNC X 0.75 BLK		

51. For units made in model year 2014 and later.

52. Service part only for units made in model year 2013 and prior.

30 Cab Suspension



CAB SUSPENSION

Ref	Part Number	Description	Qty	Serial Number
	166759	KIT – CAB ISOLATION (MID HP) ⁵³		
	167513	KIT – CAB SUSPENSION REAR BUMPERS ⁵⁴		
	167522	KIT – CAB SUSPENSION LIMIT STRAP ⁵⁵		
1	166641	SUPPORT – LINK, REAR	2	
2	166642	SUPPORT – LINK, CENTER	1	
3	166827	DAMPENER – CAB ⁵⁶	4	
	166826	DAMPENER – KIT (SET OF 4) ⁵⁷		
4	166750	SUPPORT – LH REAR C/W BOLT ⁵⁸	1	
	166751	SUPPORT – RH REAR C/W BOLT ⁵⁸	1	
5	138057	SUPPORT – CAB, LH FRONT WELD'T	1	
	138058	SUPPORT – CAB, RH FRONT WELD'T	1	
6	166639	SUPPORT – LINK, FRONT	2	
7	166640	SUPPORT – LINK	2	
8	306692	ASSY – STABILIZER LINK	3	
9	166644	SUPPORT – SIDE LINK, WELDMENT	1	
10	166605	SUPPORT – FRONT-CASTING	2	
11	166579	CHANNEL WELD'T	4	
12	166530	INSULATOR	4	
13	166539	SPACER	4	
14	167509	BUMPER – PLATFORM REAR CAB	2	
15	167510	SUPPORT – REAR BUMPER CONSTRAINT	2	
16	167511	BUMPER – RUBBER	2	
17	306850	STOP – LIMIT STRAP	2	
18	167551	SUPPORT – LOWER LIMIT STRAP WELDT	2	
A	50186	NUT – FLG LK SM FACE DT 0.500-13 UNC GR 5		
B	21880	BOLT – HH 1/2 NC X 2.75 LG GR 5 ZN PL		
C	21560	BOLT – HEX HD SAE J429		
D	21491	BOLT – HH 1/2 NC X 1.25 LG GR 5 ZN PL		
E	21471	BOLT – RHSN 1/2 NC X 1.25 GR 5 ZN PL		
F	152274	BOLT – HEX HD M12 X 1.75 X 60-8.8-A3L		
G	136431	NUT – HEX FLG CTR LOC M12 X 1.75-10		
H	21469	BOLT – RHSN 1/2-13 X 1.5 GR 5 ZN PL		
J	166532	WASHER – FLAT		

53. Kit is for reduction in cab noise for model year 2015 and prior units with cab suspension.

54. Kit includes platform rear cab bumper (MD #167509), rear bumper constraint support (MD #167510), rubber bumper (MD #167511), hardware (MD #21479, 30280, 30228), and instructions.

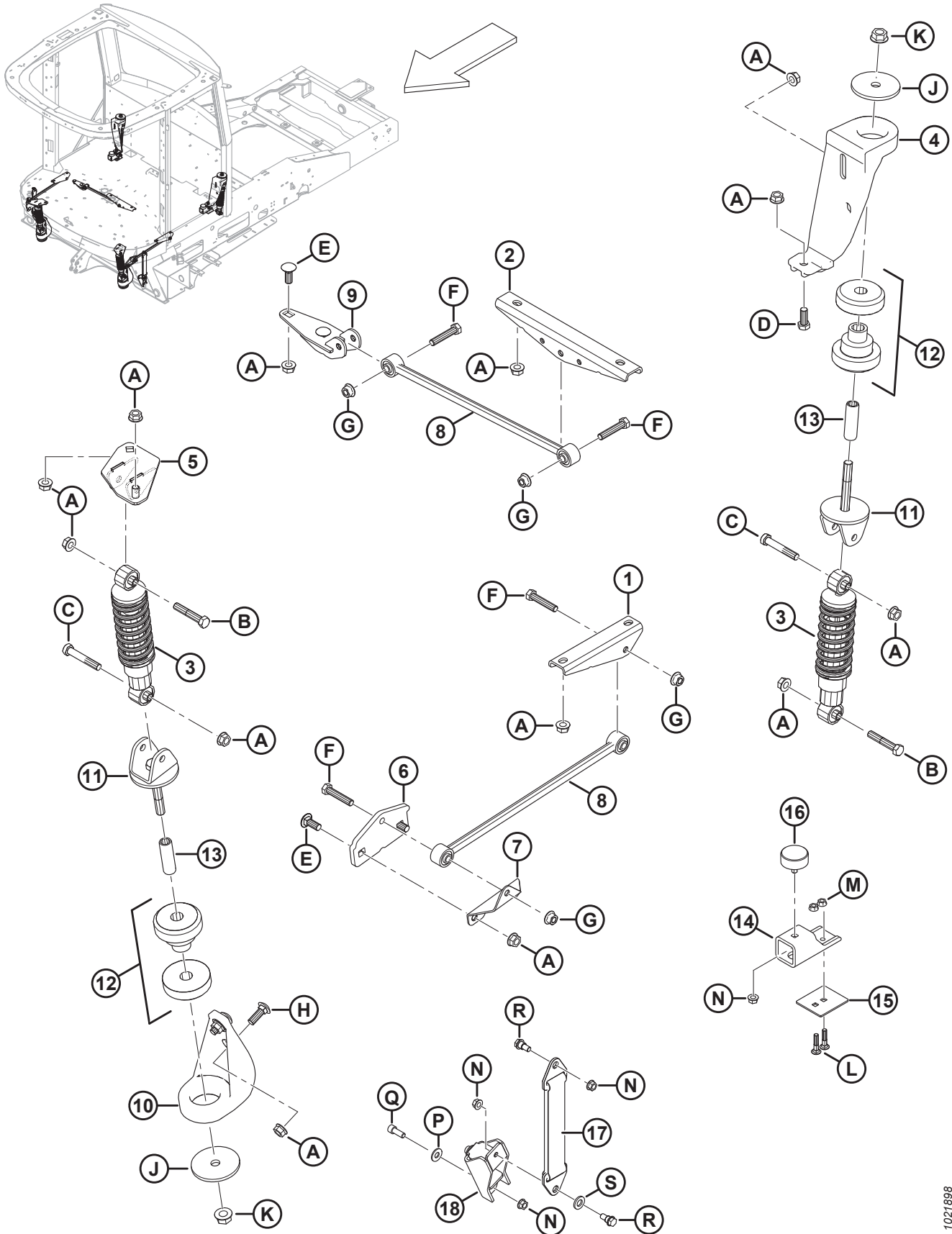
55. For complete list and illustration of all parts included in the kit, refer to Section [87 \(Option\) Cab Suspension Limit Strap Kit, page 213](#).

56. Used to replace single dampeners on model year 2015 and later units as well as older units that have replaced all dampeners with dampener kit MD #166826.

57. Kit required for all model year 2014 and prior units to replace all dampeners with a set of the new dampener version. New dampeners should not be mixed with previous versions.

58. Includes bolt (MD #21491).

CAB SUSPENSION

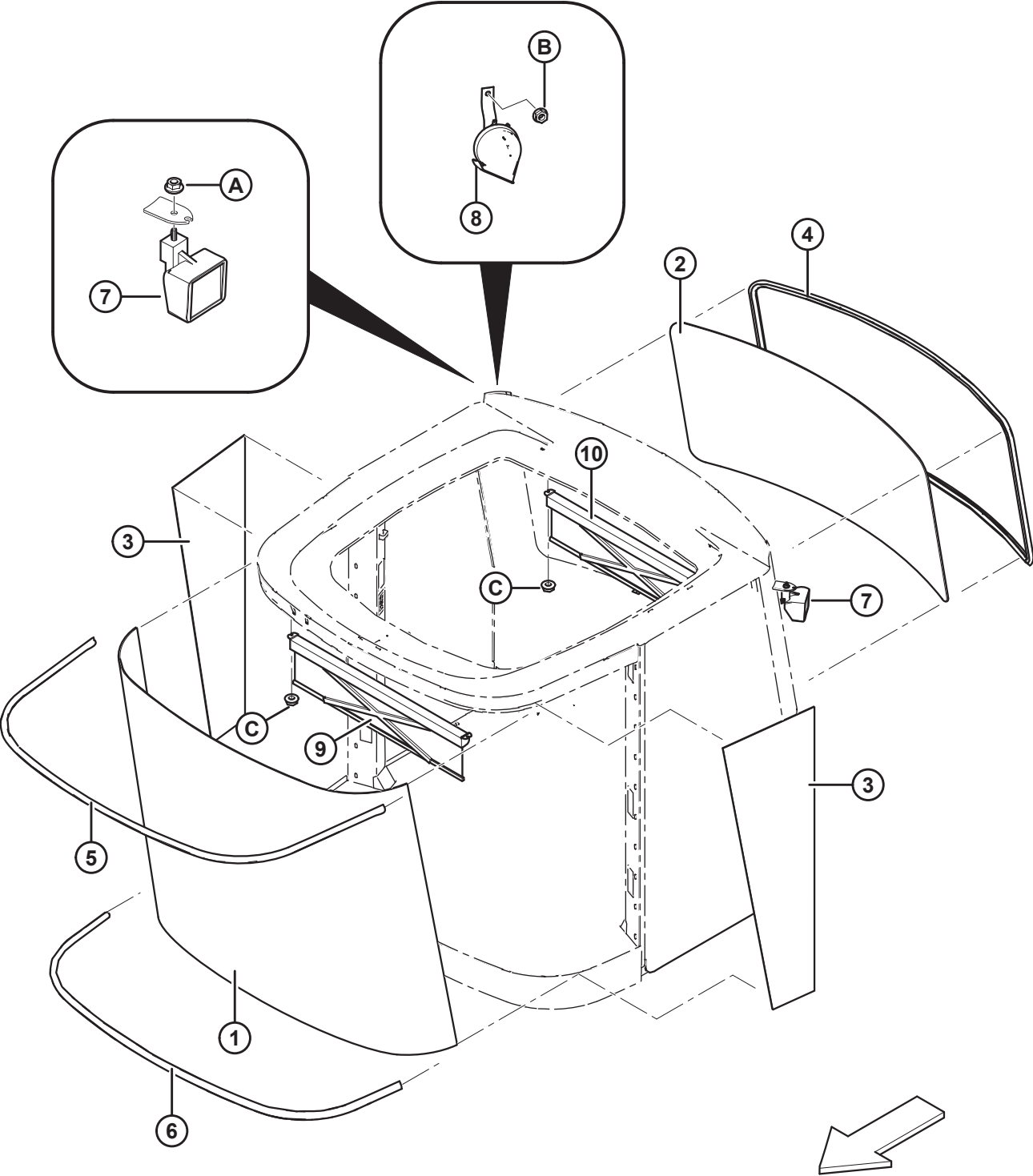


1021898

CAB SUSPENSION

Ref	Part Number	Description	Qty	Serial Number
K	50225	NUT – FLG DT SMTH FACE .625-11 UNC		
L	21479	BOLT – RHSN 5/16 NC X 1.5 LG GR 5 ZN PL		
M	30280	NUT – FLG SIDE LK SMTH FACE 5/16 NC GR 5 ZN PL		
N	30228	NUT – FLG DT SMTH FACE 0.375-16 UNC		
P	18670	WASHER – SAE FLAT 7/16 I.D. X 1.0 IN. O.D. ZP		
Q	135381	SCREW – HEX SKT HD		
R	172259	BOLT – SHOULDER .375-16 UNC		
S	30636	WASHER – FLAT NARROW M12-STL-SOFT-A2L		

31 Windows



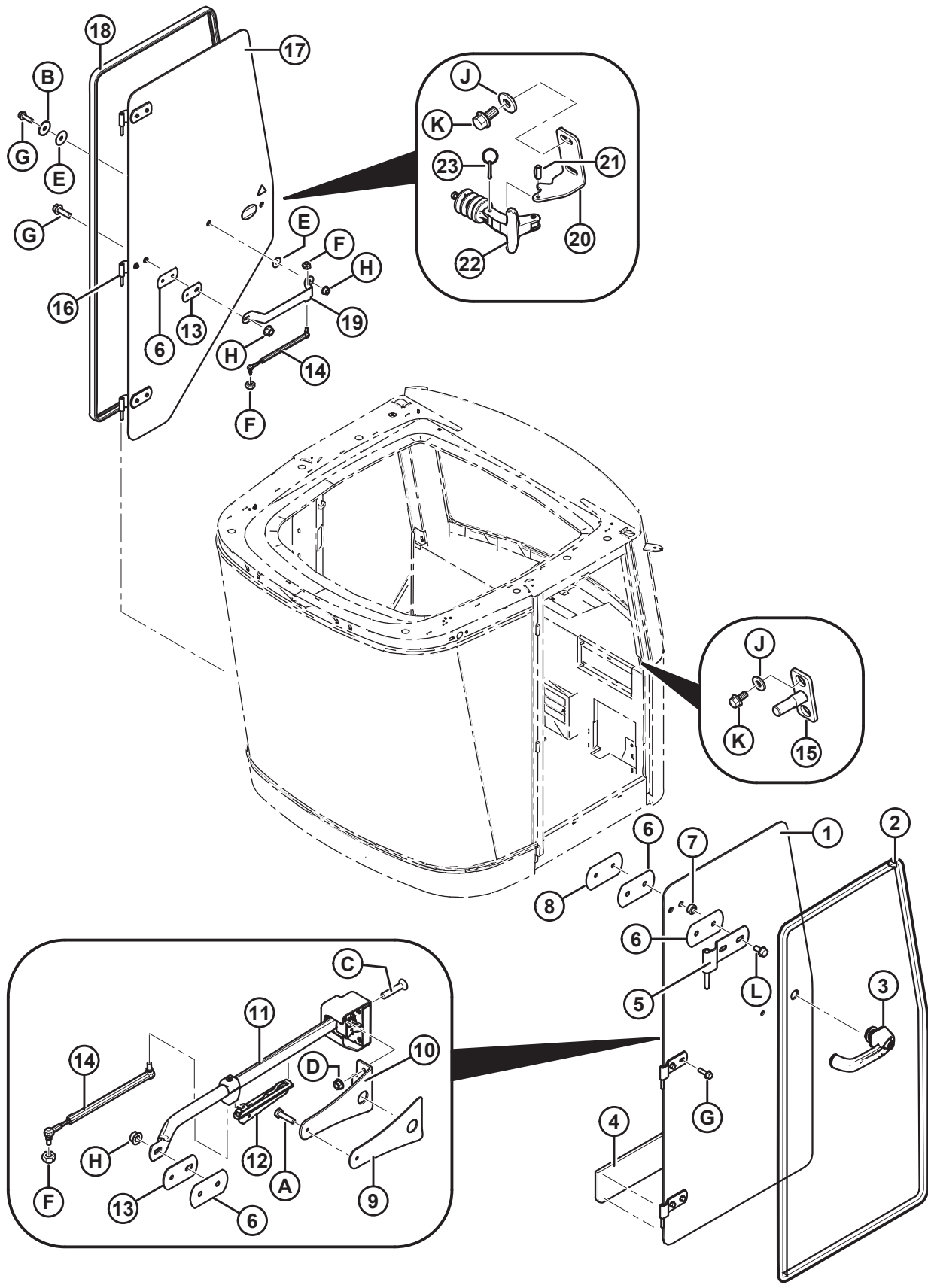
1004856

WINDOWS

Ref	Part Number	Description	Qty	Serial Number
	B4866	KIT – WINDOW SHADE ⁵⁹		
1	109323	WINDOW – FRONT	1	
2	109326	WINDOW – REAR	1	
3	109324	WINDOW – SIDE	2	
4	109538	SEAL – WINDOW REAR, 4370 MM LG	1	
5	109536	SEAL – WINDOW TOP, 2740 MM LG	1	
6	109721	SEAL – WINDOW BOTTOM, 2320 MM LG	1	
7	109717	LIGHT – WORK	2	
8	160373	HORN	1	
9	109834	SHADE – FRONT WINDOW	1	
10	109778	SHADE – REAR WINDOW	1	
A	50101	NUT – FLG LK PREV TORQUE SMTH FACE M10-1.5		
B	135248	NUT – FLG DT SMTH FACE 1/4-20 NC GR 5 ZP		
C	21455	NUT – FLG, 1/4 NC GR 5 ZP		

59. Includes front shade (MD #109834), rear shade (MD #109778), and hardware. Kits available through Whole Goods only.

32 Doors



1004857

DOORS

Ref	Part Number	Description	Qty	Serial Number
1	131388	DOOR – GLASS C/W DECAL ⁶⁰	1	
2	208661	SEAL – DOOR ⁶²	1	301190–
	209214	KIT – LEFT DOOR SEAL UPGRADE ⁶¹	1	–301189
3	109743	HANDLE – OUTSIDE CAB	1	
	109701	KEY – SET OF 2		
4	109732	INSULATOR – DOOR	1	
5	208135	HINGE – LEFT DOOR ⁶²	3	301190–
	209214	KIT – LEFT DOOR SEAL UPGRADE ⁶¹	1	–301189
6	109598	GASKET – HINGE	12	
7	109585	SPACER	13	
8	201693	BAR – HINGE BACKING ⁶²	4	301190–
	109601	BAR – HINGE BACKING ⁶³	4	–301189
9	109745	GASKET – DOOR LATCH	1	
10	109822	SUPPORT – LEFT LATCH	1	
11	183162	LATCH – LH CAB DOOR ⁶⁴	1	
12	139971	BEZEL	1	
13	202041	BAR – CENTER HINGE BACKING ⁶²	2	301190–
	109739	BAR – CENTER HINGE BACKING ⁶³	2	–301189
14	109603	SPRING – GAS	2	
	110446	STUD – BALL	1	
15	109362	CATCH – WELDMENT	1	
16	208134	HINGE – RIGHT DOOR ⁶²	3	301190–
	209216	KIT – RIGHT WINDOW SEAL UPGRADE KIT ⁶⁵	1	–301189
17	167505	WINDOW – HINGED RH C/W DECALS	1	
18	208986	SEAL – WINDOW, 4060 MM LG ⁶²	1	301190–
	209216	KIT – RIGHT WINDOW SEAL UPGRADE KIT ⁶⁵	1	–301189
19	160197	HANDLE – WINDOW	1	
20	160192	ANCHOR – WINDOW LATCH	1	
21	252416	PIN – SPRING 3/16 DIA X 7/16 LG	1	
22	160188	LATCH – WINDOW (HOLD OPEN)	1	
23	160189	PIN – WINDOW LATCH	1	
A	135301	BOLT – HH M6 X 1 X 25 LG ZP		
B	16652	WASHER – FLAT		
C	30504	SCREW – FLAT CSK MACH 5/16 NC X 1-1/2 LG GR 5 ZP		

60. Includes decal (MD #166454).

61. Used to service door seal or left door hinges on units made in model year 2016 and prior. Kit includes door seal (MD #208661), three left door hinges (MD #208135), two hinge backing bars (MD #201693), center hinge backing bar (MD #202041), five screws (MD #136209), bolt (MD #30936), and nut (MD #30228).

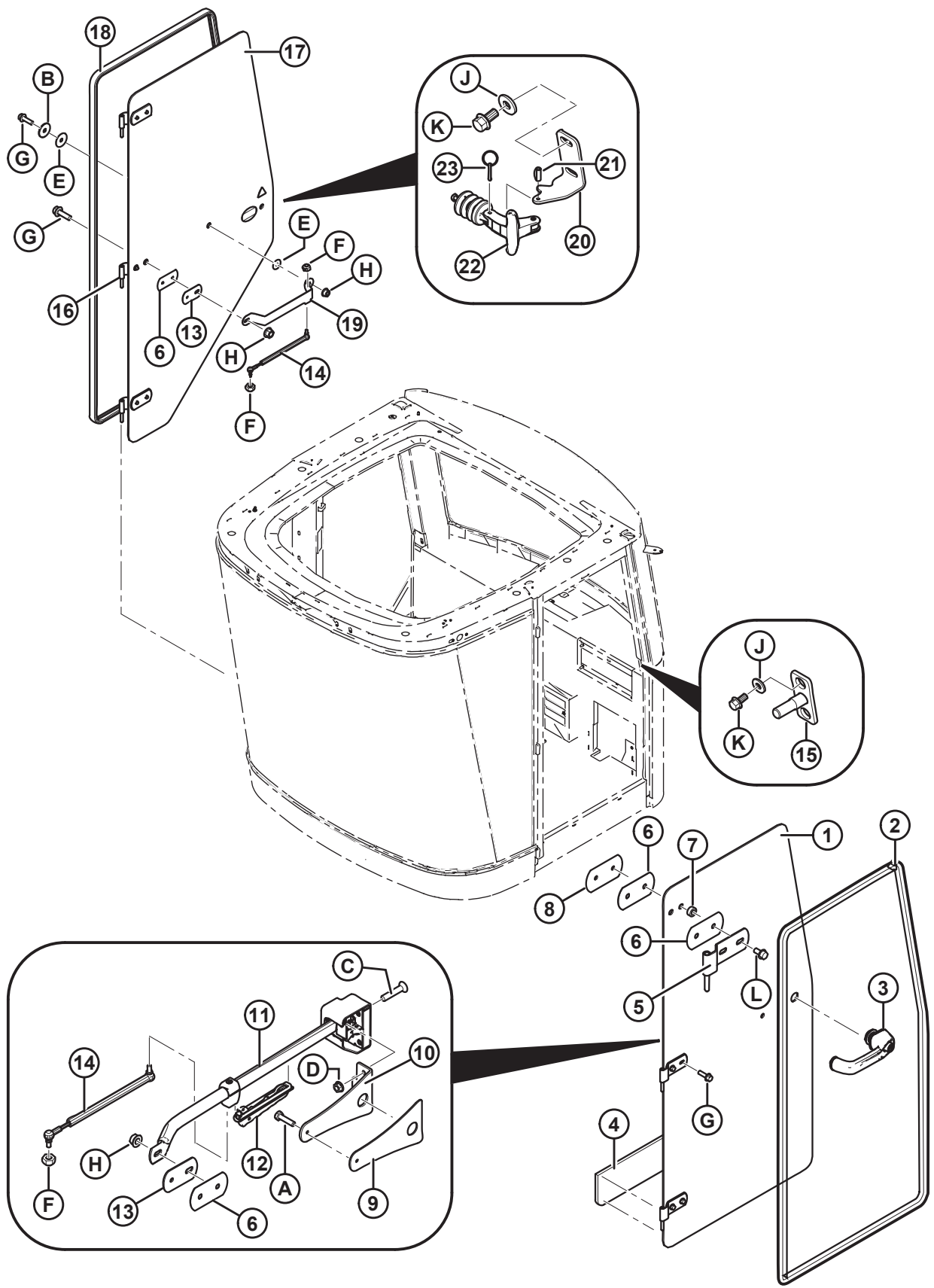
62. For units made in model year 2017 and later.

63. Service part only for units made in model year 2016 and prior that have not been upgraded with left door seal upgrade kit (MD #209214) or right window seal upgrade kit (MD #206216).

64. Includes bezel (MD #139971).

65. Used to service window seal or right door hinges on units made in model year 2016 and prior. Kit includes window seal (MD #208986), three right door hinges (MD #208134), two hinge backing bars (MD #201693), center hinge backing bar (MD #202041), five screws (MD #136209), bolt (MD #30936), and nut (MD #30228).

DOORS

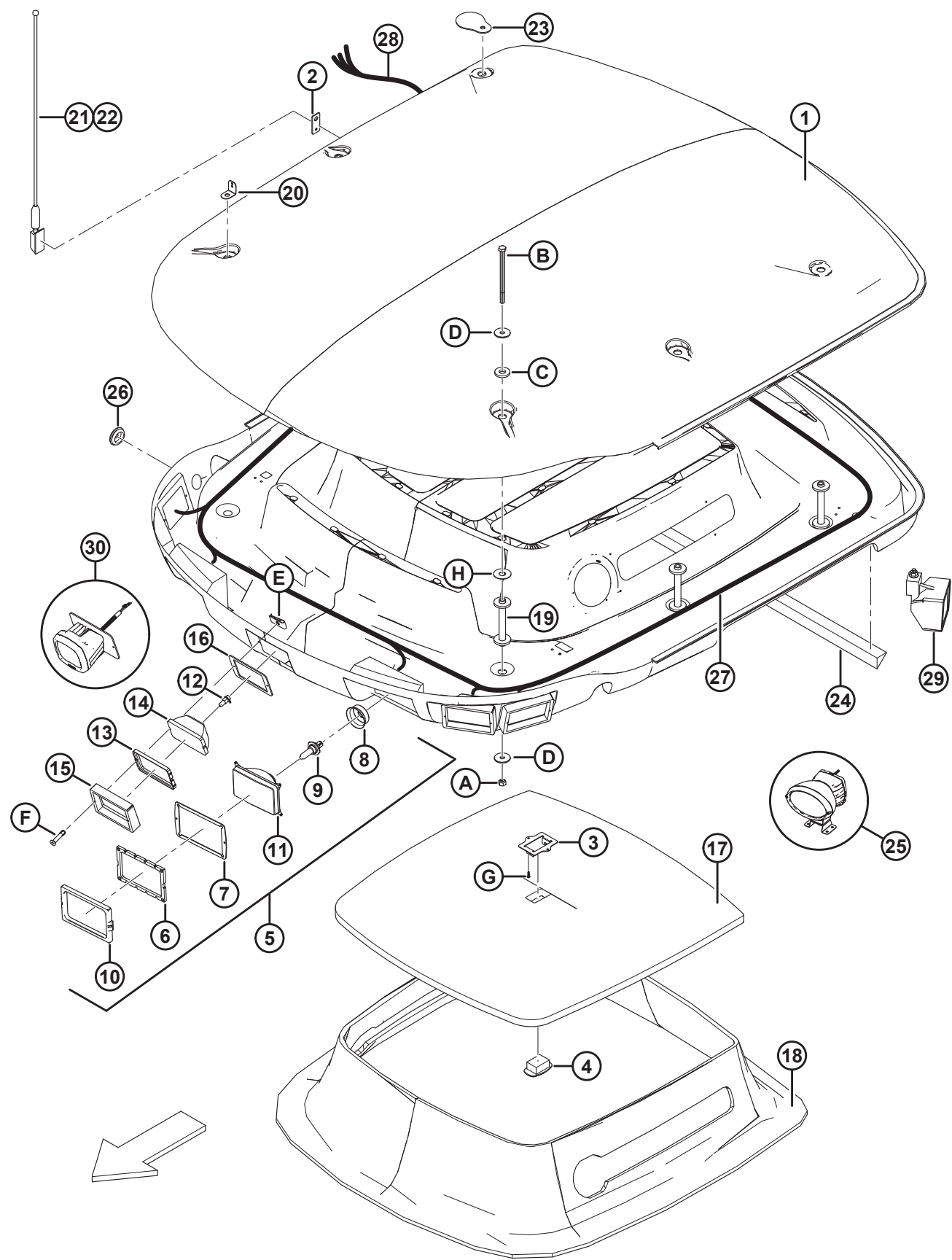


1004857

DOORS

Ref	Part Number	Description	Qty	Serial Number
D	30280	NUT – FLG SIDE LK SMTH FACE 5/16 NC GR 5 ZP		
E	160202	WASHER		
F	18690	NUT – HEX LOCK DT 5/16-18 UNC ZP		
G	30936	BOLT – HH FLG (SER FACE) 3/8 NC X 1.25 GR 5 ZP		
H	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
J	20535	WASHER – FLAT		
K	21821	BOLT – HH FLG (SER FACE) 3/8 NC X 0.75 GR 5 ZP		
L	136209	SCREW – HEX WSHR M10 X 1.5 X 20-450HV		

33 Roof and Headliner



1030002

ROOF AND HEADLINER

Ref	Part Number	Description	Qty	Serial Number
1	109980	ROOF – ASSEMBLY ⁶⁶	1	
2	109099	BAR	1	
3	109887	SUPPORT – AMBIENT LIGHT	1	
4	109908	LIGHT – AMBIENT	1	
5	110268	ASSY – ABL ROADLIGHT	2	
6	109776	GASKET – INNER	2	
7	109777	GASKET – OUTER	2	
8	110266	INSULATOR – RUBBER BOOT	1	
9	110267	LIGHT – H4 BULB 12 VOLT 60/55 WATT	1	
10	110264	BEZEL – ROAD LIGHT	1	
11	110265	OPTICAL UNIT – ROAD LIGHT	1	
12	109113	LAMP – BULB H3 12V/55W	5	
13	109697	GASKET – RUBBER	5	
14	109696	LIGHT – 3 X 5 OPTICAL UNIT	5	
15	109695	BEZEL – WORK LIGHT	5	
16	109110	GASKET – WORK LIGHT	5	
17	109528	INSULATOR – ROOF	1	
18	109622	INSULATOR – HEADLINER	1	
19	45783	SPACER WELDMENT	6	
20	183335	BRACKET – CABLE, RH ONLY	1	
21	166417	CABLE – ANTENNA (54 IN.)	1	
	166418	ANTENNA – RADIO (31 IN. STEEL MAST)	1	
22	160293	CAPACITOR – RADIO ANTENNA ⁶⁷	1	
23	160288	SUPPORT – ANTENNA ⁶⁸	1	
24	109996	INSULATOR – FOAM	1	
25	REF	LAMP – HID LONG RANGE (OPTIONAL) ⁶⁹	2	
26	183315	PLUG – 1.75 IN. I.D.	1	
27	160635	HARNESS – ROOF ⁷⁰	1	301190–
	30215	RELAY – MINI, 12 VDC	4	
	183858	KIT – HARNESS, ROOF ⁷¹	A/R	–301189

66. Includes roof and headliner.

67. Includes short harness with capacitor.

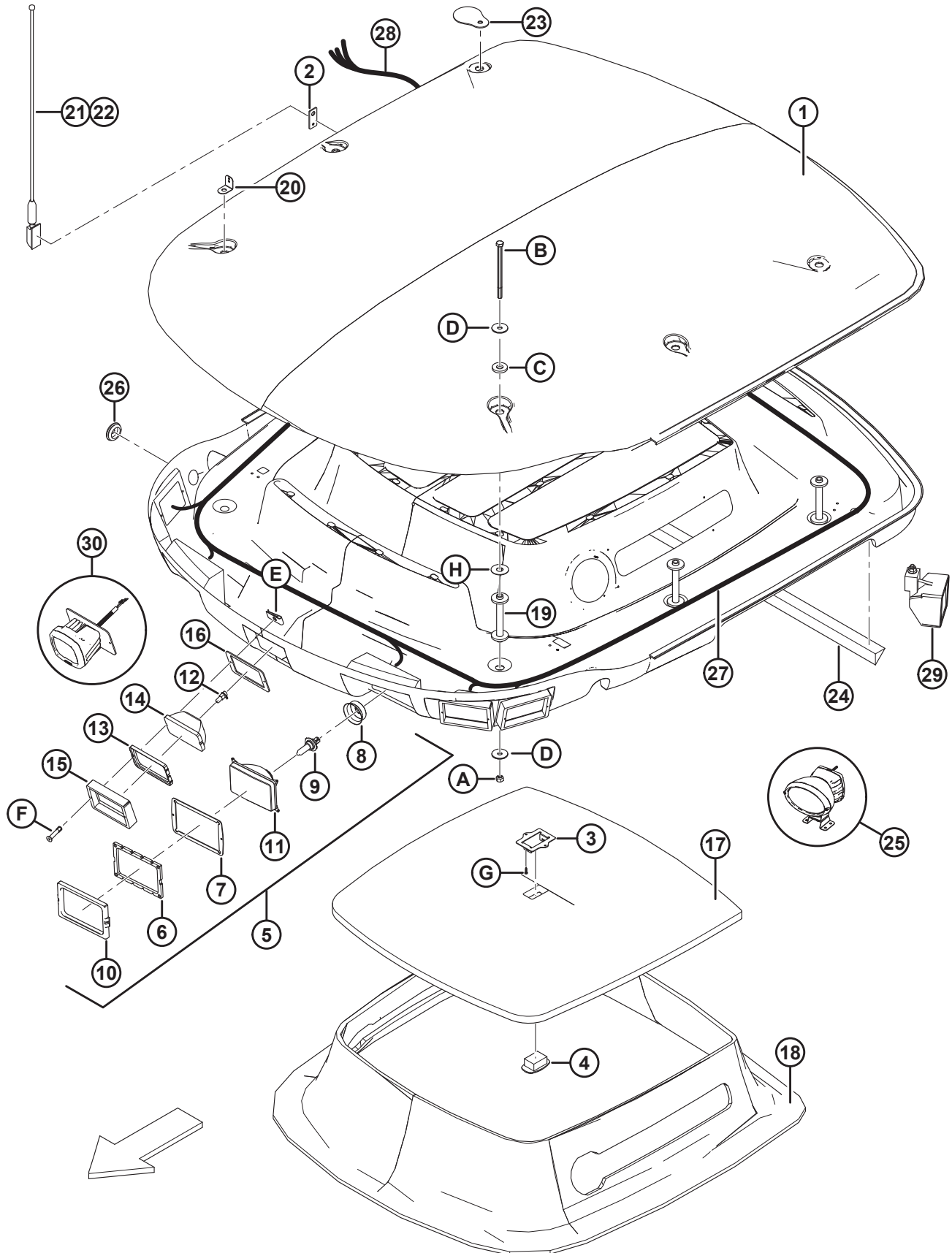
68. Used with CB or two-way radio.

69. Included in optional HID Auxiliary Lighting Kit (MD #B5596). Kits available through Whole Goods only). Refer to Section [35 Mirrors and Wipers – 2011 and Later, page 85](#).

70. For units made in model year 2017 and later.

71. Used to service roof harness on units made in model year 2016 and prior. Kit includes all required harnesses, breaker, cable ties, decals, and hardware.

ROOF AND HEADLINER



1030002

ROOF AND HEADLINER

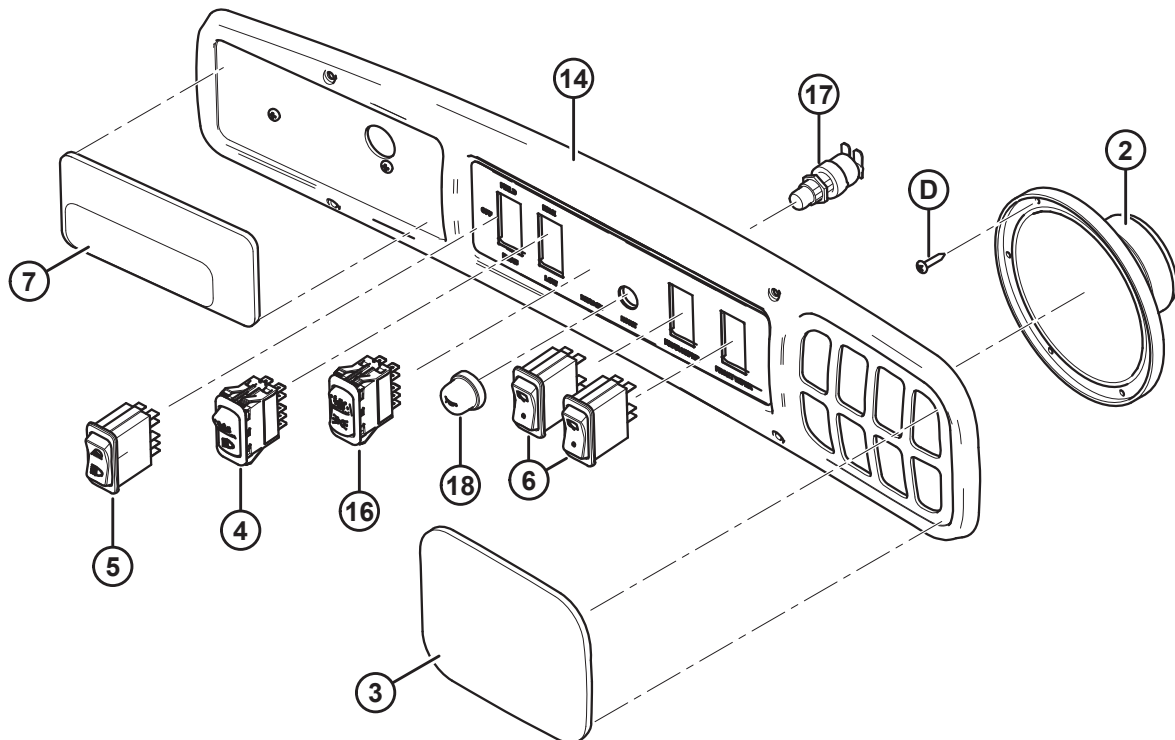
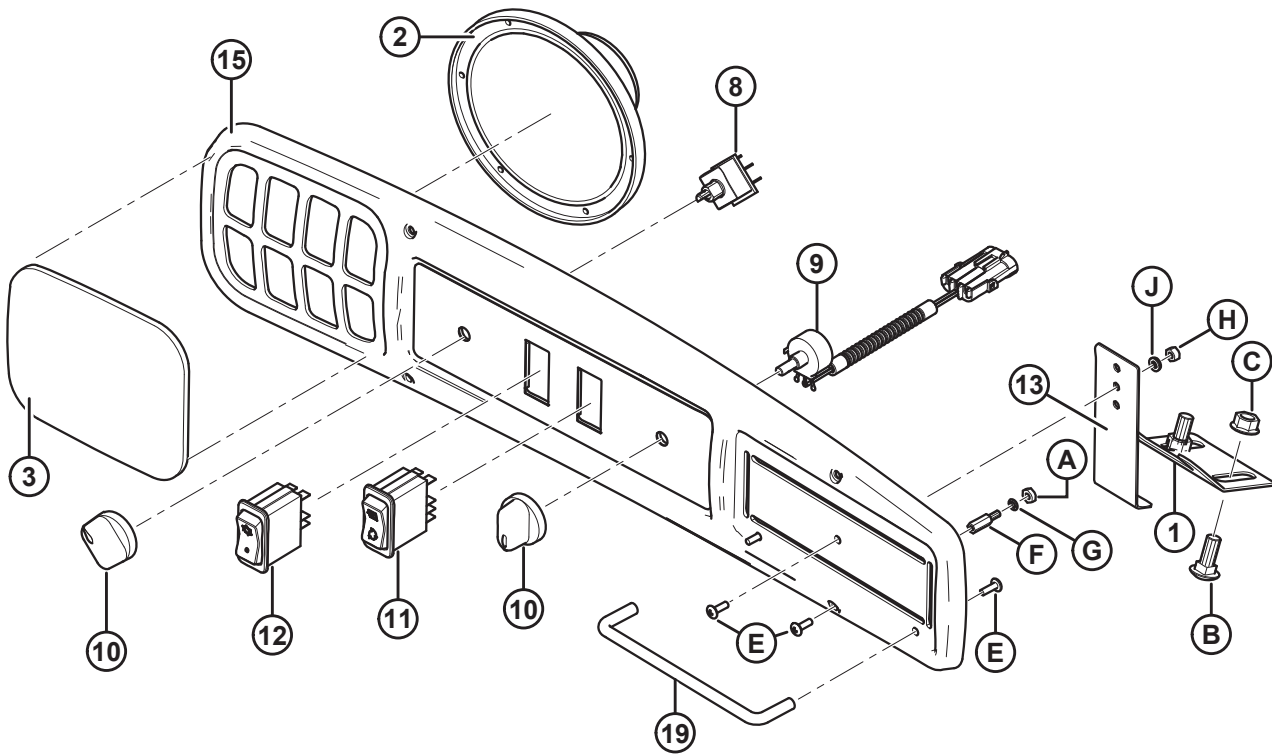
Ref	Part Number	Description	Qty	Serial Number
28	183253	HARNESS – TRIMBLE ROOF	1	
	134659	MODULE – CAN TERMINATOR		
29	REF	LIGHT – WORK ⁷²	2	
30	REF	LIGHT – WORK, LED (OPTIONAL) ⁷³	OPT	
A	18697	NUT – HEX LOCK DT .500-13 UNC		
B	30947	BOLT – HH 1/2 NC X 7.5 LG GR 5 ZP		
C	42045	WASHER – RUBBER		
D	42592	WASHER – FLAT		
E	42213	NUT – SPRING		
F	30949	SCREW – MACH PHILIPS PAN HD #6 NC X 1.0 LG ZP		
G	30492	SCREW – PHILIPS PAN HD #8 X 3/4 LG ZP		
H	43960	WASHER – FLAT ⁷⁴		

72. Refer to Section [31 Windows, page 73](#).

73. Refer to Section [96 \(Option\) LED Work Light, page 233](#).

74. Used on front two spacers only.

34 Headliner Switch Panels



1005475

HEADLINER SWITCH PANELS

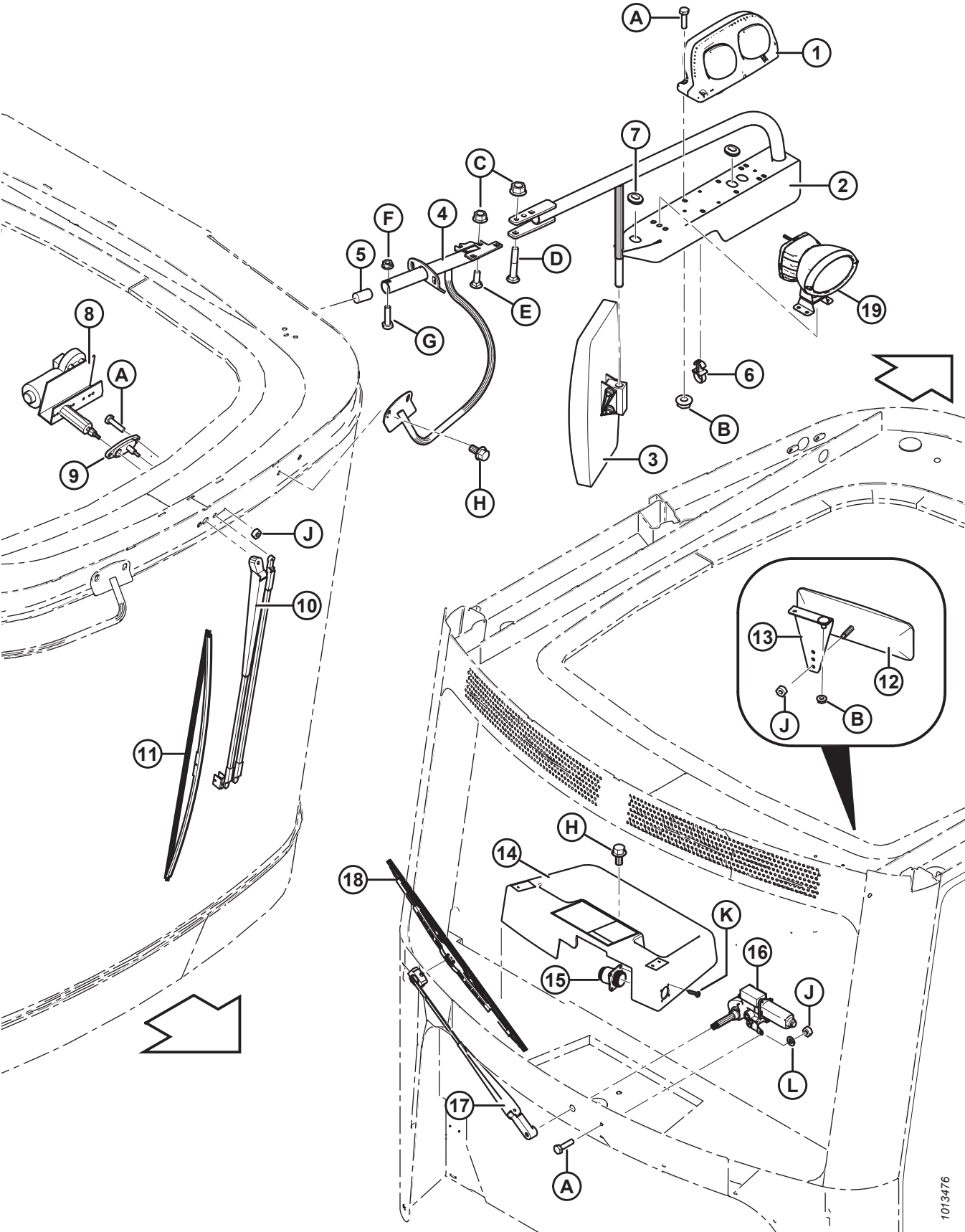
Ref	Part Number	Description	Qty	Serial Number
1	109762	RETAINER – RADIO SUPPORT	1	
2	109093	SPEAKER – RADIO	2	
3	109764	INSULATOR – SPEAKER GRILLE	2	
4	166274	SWITCH – ROCKER, ON-NONE-ON (HI/LO LIGHT)	1	
5	109568	SWITCH – ROCKER, ON-OFF-ON (MAIN LIGHT)	1	
6	109573	SWITCH – ROCKER, OFF-NONE-ON (WIPER)	2	
7	183413	LIGHT – INTERIOR	1	
8	109078	SWITCH – BLOWER	1	
9	109718	GAUGE – POTENTIOMETER TEMP. CONTROL	1	
10	109773	KNOB – PLASTIC	2	
11	109571	SWITCH – ROCKER, OFF-NONE-ON (A/C RECIRC.)	1	
12	109570	SWITCH – ROCKER, OFF-NONE-ON (A/C MAIN)	1	
13	109525	SUPPORT – RADIO	1	
14	160368	PANEL – INT LIGHT AND SWITCHES (LIGHT AND WIPER) ⁷⁵	1	
15	109766	PANEL – RADIO AND A/C CONTROLS ⁷⁵	1	
16	166154	SWITCH – ROCKER, ON-OFF (BEACON) ⁷⁶	1	
	160607	SWITCH – ROCKER, ON-OFF-ON (CLEAR LIGHT) ⁷⁷	1	
17	160375	SWITCH – HORN	1	
18	160376	CAP – HORN, SWITCH	1	
19	160414	HANDLE – RADIO SUPPORT	1	
A	18796	NUT – HEX #8-32 UNC GR 5 ZP		
B	19965	BOLT – RHSN 3/8 NC X 1.0 GR 5 ZP		
C	21452	NUT – FLG (SER. FACE) .375-16 UNC		
D	30492	SCREW – PHILIPS PAN HD #8 X 3/4 LG ZP		
E	109918	SCREW – MACHINE PHILIPS #8 NC X 0.5 LG GR 2		
F	109919	NUT – SPECIAL		
G	20042	WASHER – REG. LOCK #8 NOM. I.D. ZP		
H	197230	NUT – HEX NYLOC M5 X 0.8-8-A2L		
J	18634	WASHER – LOCK #10		

75. Includes speaker grill insulator (MD #109764) and decal.

76. All markets except Commonwealth of Independent States (CIS).

77. CIS markets only.

35 Mirrors and Wipers – 2011 and Later



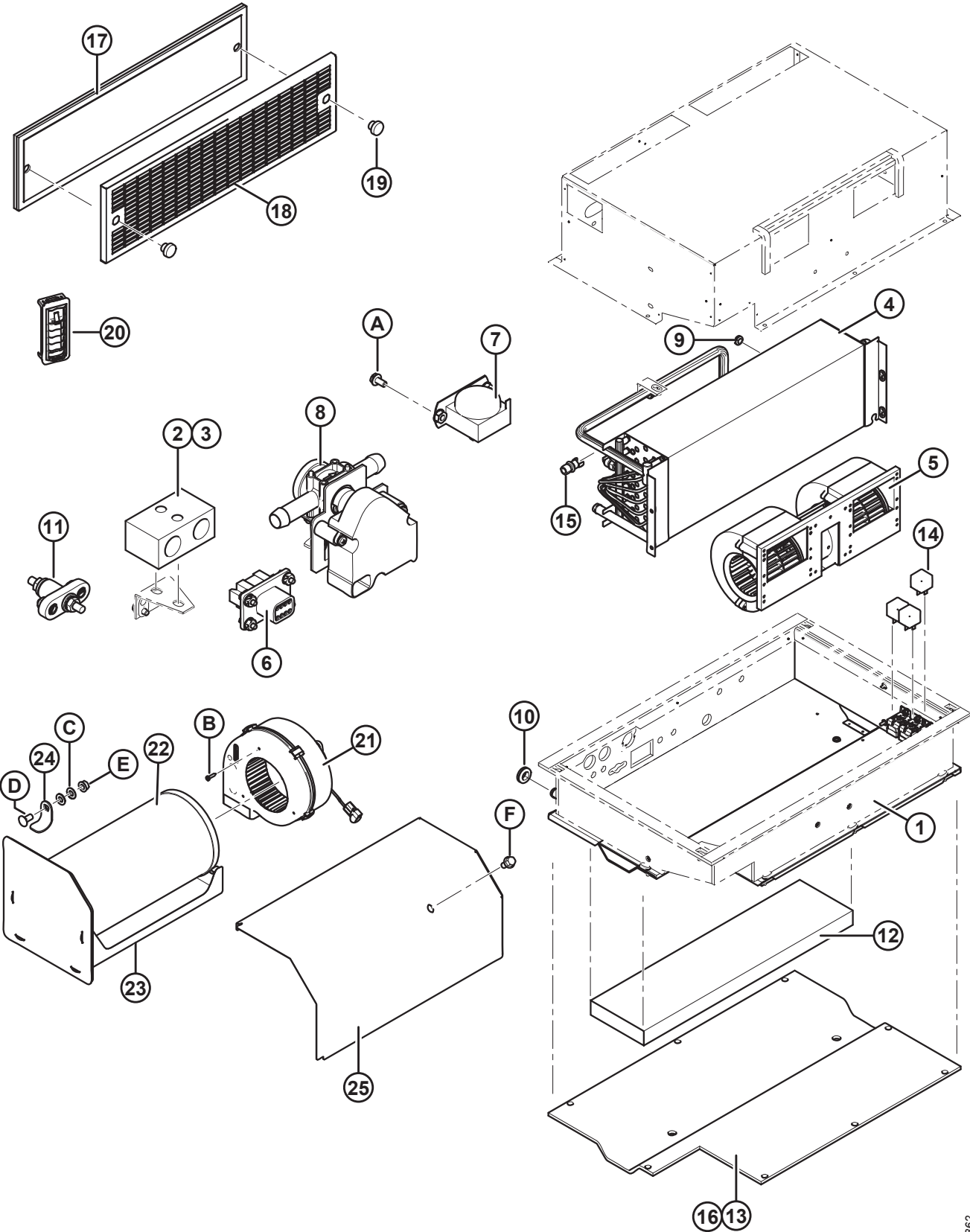
1013476

MIRRORS AND WIPERS – 2011 AND LATER

Ref	Part Number	Description	Qty	Serial Number
	B5596	KIT – H.I.D. AUXILLIARY LIGHTING (OPTIONAL) ⁷⁸		
1	138087	LAMP – STOP/TURN/TAIL, LH	1	
	138086	LAMP – STOP/TURN/TAIL, RH	1	
	139630	LENS – AMBER		
	139631	LENS – RED		
	139632	LENS – BLACK (OPAQUE)		
	139633	LENS – CLEAR (TRANSPARENT)		
	NSS	BULB – 7506 AMBER		
	NSS	BULB – 1077 RED		
2	139626	ASSEMBLY – LIGHT/MIRROR MOUNT C/W DECALS	2	
3	45835	MIRROR – CONVEX	2	
4	138260	SUPPORT – MIRROR, LH	1	
	138259	SUPPORT – MIRROR, RH	1	
5	109995	INSULATOR – FOAM	2	
6	30542	FASTENER – NYLON CLIP (BLACK)	4	
7	135258	GROMMET – RUBBER	4	
8	109825	MOTOR – ELEC WINDSHIELD WIPER (FRONT)	1	
9	109088	SUPPORT – ADAPTER KIT	1	
10	109578	ARM – WINDSHIELD WIPER 28 IN.	1	
11	109579	BLADE – WINDSHIELD WIPER 31.5 IN.	1	
12	109888	MIRROR HEAD	1	
13	109614	SUPPORT – MIRROR	1	
14	131271	ASSEMBLY – WIPER COVER	1	
15	160281	TERMINAL – DUAL POWER OUTLET	1	
	109081	CAP – POWER OUTLET	1	
16	109759	MOTOR – WIPER (REAR)	1	
17	160109	ARM – WINDSHIELD WIPER	1	
18	109824	BLADE – WINDSHIELD WIPER	1	
19	138799	LAMP – H.I.D. LONG RANGE (OPTIONAL)	2	
A	21573	BOLT – HEX HD 1/4 NC X 1.0 LG GR 5 ZN PL		
B	21455	NUT – FLG (SER FACE) 1/4 NC GR 5 ZN PL		
C	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
D	21485	BOLT – RHSN 3/8 NC X 2.25 LG GR 5 ZN PL		
E	19965	BOLT – RHSN 3/8 NC X 1.0 GR 5 ZN PL		
F	135248	NUT – FLG SMTH FACE 1/4-20 NC GR5 ZP CTR LK DT THD		
G	21573	BOLT – HEX HD 1/4 NC X 1.0 LG GR 5 ZN PL		
H	21821	BOLT – HH FLG (SER FACE) 3/8 NC X 0.75 GR 5 ZN PL		
J	18588	NUT – HEX 1/4-20 UNC GR 5 ZN PL		
K	30492	SCREW – PHILIPS PAN HD #8 X 3/4 LG ZN PL		
L	18635	WASHER – REG. LOCK 1/4 IN. NOM. I.D. ZN PL		

78. Includes two H.I.D. Long Range Lamps (MD #138799). Kits available through Whole Goods only.

36 Cab Air Conditioning and Heating – 2014 and Prior



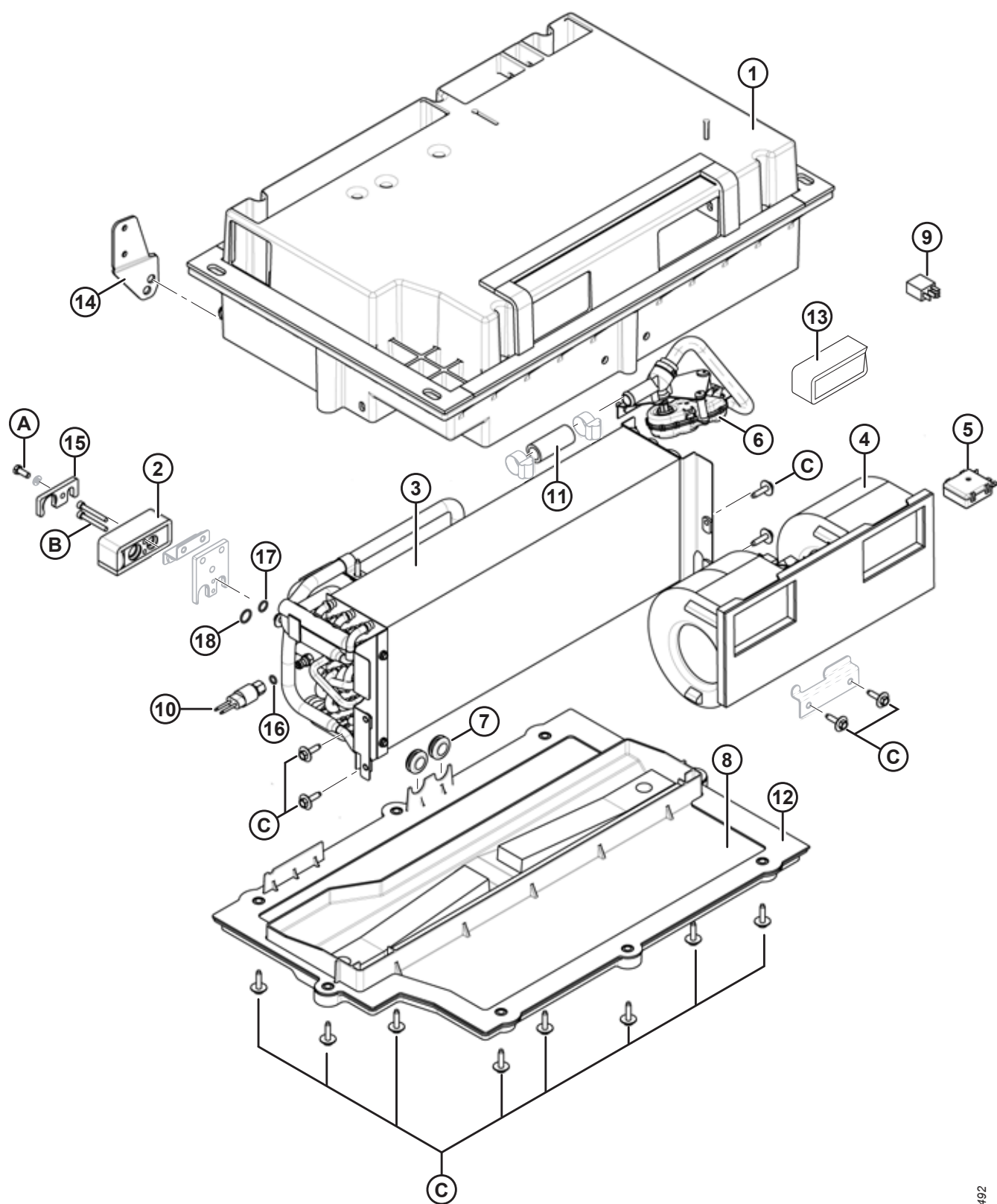
1004862

CAB AIR CONDITIONING AND HEATING – 2014 AND PRIOR

Ref	Part Number	Description	Qty	Serial Number
1	139467	ASSEMBLY – HEATER / EVAPORATOR BLOWER ⁷⁹	1	–266819
2	42879	VALVE – EXPANSION	1	–266819
3	183508	O-RING – #8 HNBR, GREEN	2	–266819
4	139506	CORE – EVAPORATOR/HEATER	1	–266819
5	109920	BLOWER	1	–266819
6	109922	HARNESS – AIR CONDITIONING WIRING	1	–266819
7	109923	THERMOSTAT	1	–266819
8	109924	VALVE – HEATER C/W MOTOR	1	–266819
9	109925	GROMMET	1	–266819
10	109926	GROMMET	2	–266819
11	109928	STUD – ELECTRICAL JUMPER	1	–266819
12	109929	BAFFLE – CONDENSATE	1	–266819
13	109930	COVER – BOX	1	–266819
14	30215	RELAY	3	–266819
15	138972	SWITCH – LOW PRESSURE	1	–266819
16	139519	GASKET – EVAPORATOR BOX COVER	1	–266819
17	109797	CLEANER – RECIRCULATION AIR ELECTROSTATIC	1	–266819
18	109795	COVER – RECIRCULATION AIR FILTER	1	–266819
19	109796	KNOB	2	–266819
20	109626	VENTILATOR – RECTANGULAR LOUVER	12	–266819
21	138934	BLOWER – FRESH AIR	1	–266819
22	111060	ELEMENT – PRIMARY	1	–266819
23	139149	PAN – FILTER C/W SEAL	1	–266819
	139027	SEAL – FILTER TRAY	1	–266819
24	138990	LATCH	1	–266819
25	138930	COVER – AIR CLEANER, WELDT	1	–266819
A	135469	SCREW – MACHINE		
B	30492	SCREW – PHILIPS PAN HD #8 X 3/4 LG ZP		
C	18598	WASHER – SAE FLAT 13/32 I.D X 13/16 IN O.D. ZP		
D	21863	BOLT – RHSSN 3/8 NC X 0.75 LG GR 5 ZP		
E	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
F	21821	BOLT – HH FLG (SER FACE) 3/8 NC X 0.75 GR 5 ZP		

79. Replaced by MD #183545 in model year 2015 and later. Refer to Section *37 Cab Air Conditioning and Heating – 2015 and Later, page 89*. MD #139467 remains available for service only (includes #2–25 and hardware).

37 Cab Air Conditioning and Heating – 2015 and Later

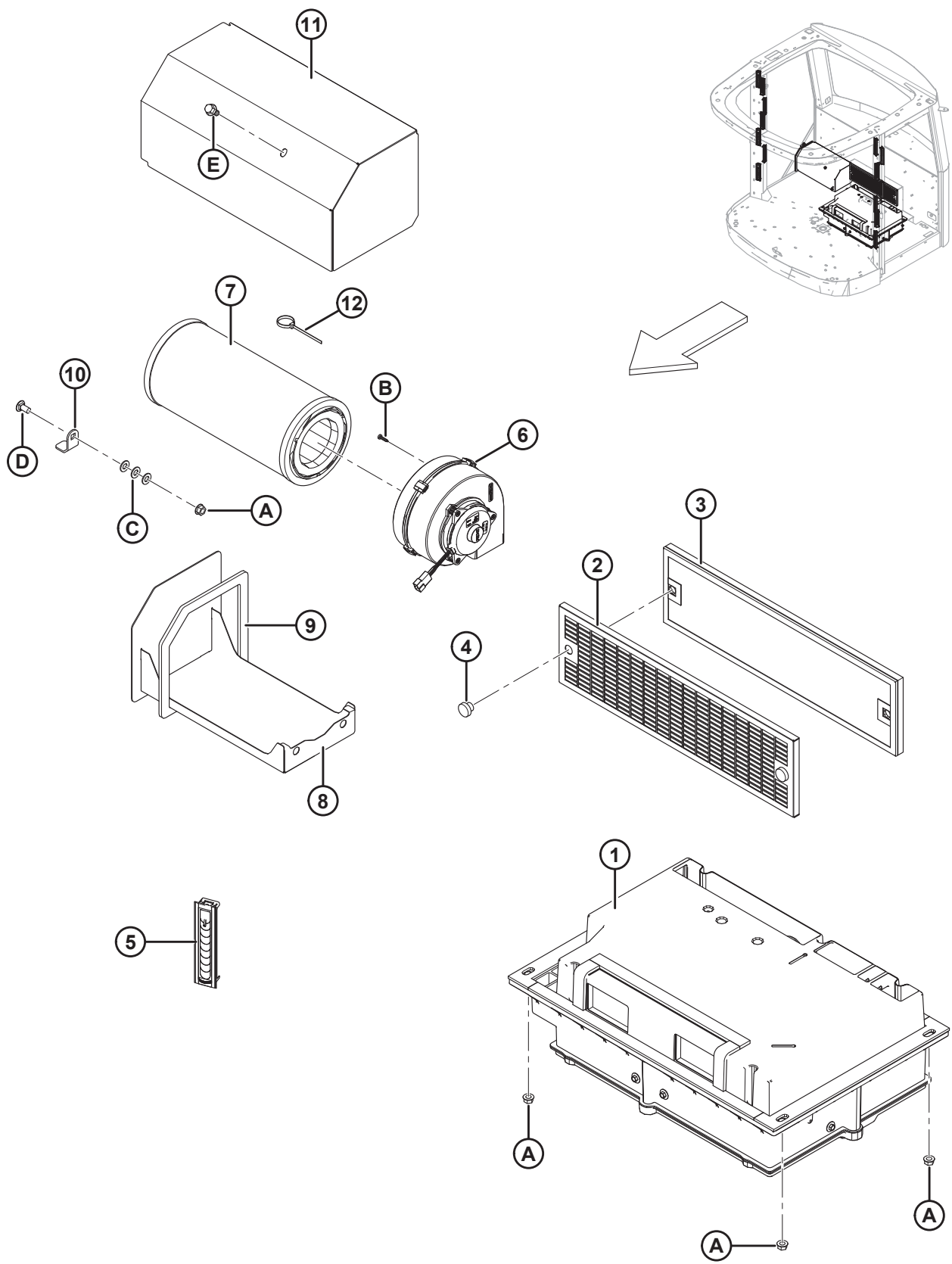


1022492

CAB AIR CONDITIONING AND HEATING – 2015 AND LATER

Ref	Part Number	Description	Qty	Serial Number
1	306525	ASSEMBLY – BASIC A/C AND HEATER CORE	1	266820–
	183389	HARNESS – WIRING	1	266820–
2	183386	VALVE – EXPANSION	1	266820–
3	183387	EVAPORATOR / HEATER CORE	1	266820–
4	183388	MOTOR – BLOWER, 12V	1	266820–
5	183390	ASSY – THERMOSTAT MODULE	1	266820–
6	306523	ASSY – WATER VALVE	1	266820–
7	183392	GROMMET TUBE 5/8 IN. I.D., 3/16 IN. WALL	2	266820–
8	183544	COVER UNIT	1	266820–
9	183394	RELAY, 12V C/W RESISTOR SUPPRESSION	1	266820–
10	183395	PRESSURE SWITCH – 34-8 PSI, M10	1	266820–
11	183396	HOSE – SILICON 5/8 IN. I.D.	1	266820–
12	183397	GASKET COVER UNIT	1	266820–
13	183398	SEAL TXV	1	266820–
14	207225	BRACKET – A/C HOSE SUPPORT	1	266820–
15	205456	PLATE – MOUNTING TXV HOSES	1	266820–
16	183506	O-RING – HNBR, #6	1	266820–
17	183508	O-RING – HNBR, #8	1	266820–
18	183202	O-RING – HNBR, #10 GREEN	1	266820–
A	136707	BOLT – HEX HD M6 X 1 X 16-8.8-BLK		
B	136708	SCREW – HEX SOC HD M5 X 0.8 X 40-9.8-BLK		
C	136709	BOLT – HEX HD SPCL M6 X 1 X 22 X SPCL-8.8-BLK		

38 HVAC – Cab Group



1017941

HVAC – CAB GROUP

Ref	Part Number	Description	Qty	Serial Number
1	306525	ASSEMBLY – BASIC A/C AND HEATER CORE ⁸⁰	1	
2	109797	CLEANER – RECIRC AIR ELECTROSTATIC	1	
3	109795	COVER – RECIRC AIR FILTER	1	
4	109796	KNOB	2	
5	201746	VENTILATOR – RECTANGULAR LOUVER ⁸¹	14	301190–
	109626	VENTILATOR – RECTANGULAR LOUVER ⁸²	12	–301189
6	138934	BLOWER – FRESH AIR	1	
7	111060	ELEMENT – PRIMARY	1	
8	139149	PAN – FILTER C/W SEAL ⁸³	1	
9	139027	SEAL – FILTER TRAY	1	
10	138990	LATCH	1	
11	138930	COVER – AIR CLEANER, WELD'T	1	
12	21763	FASTENER – CABLE TIE, BLACK, 160 MM LG	1	
A	30228	NUT – FLANGE DT SMTH FACE 0.375-16 UNC		
B	30492	SCREW – PHILIPS PAN HD #8 X 3/4 LG ZP		
C	18598	WASHER – SAE FLAT 13/32 I.D. X 13/16 IN. O.D. ZP		
D	21863	BOLT – RHSSN 3/8 NC X 0.75 LG GR 5 ZP		
E	21821	BOLT – HH FLG (SER FACE) 3/8 NC X 0.75 GR 5 ZP		

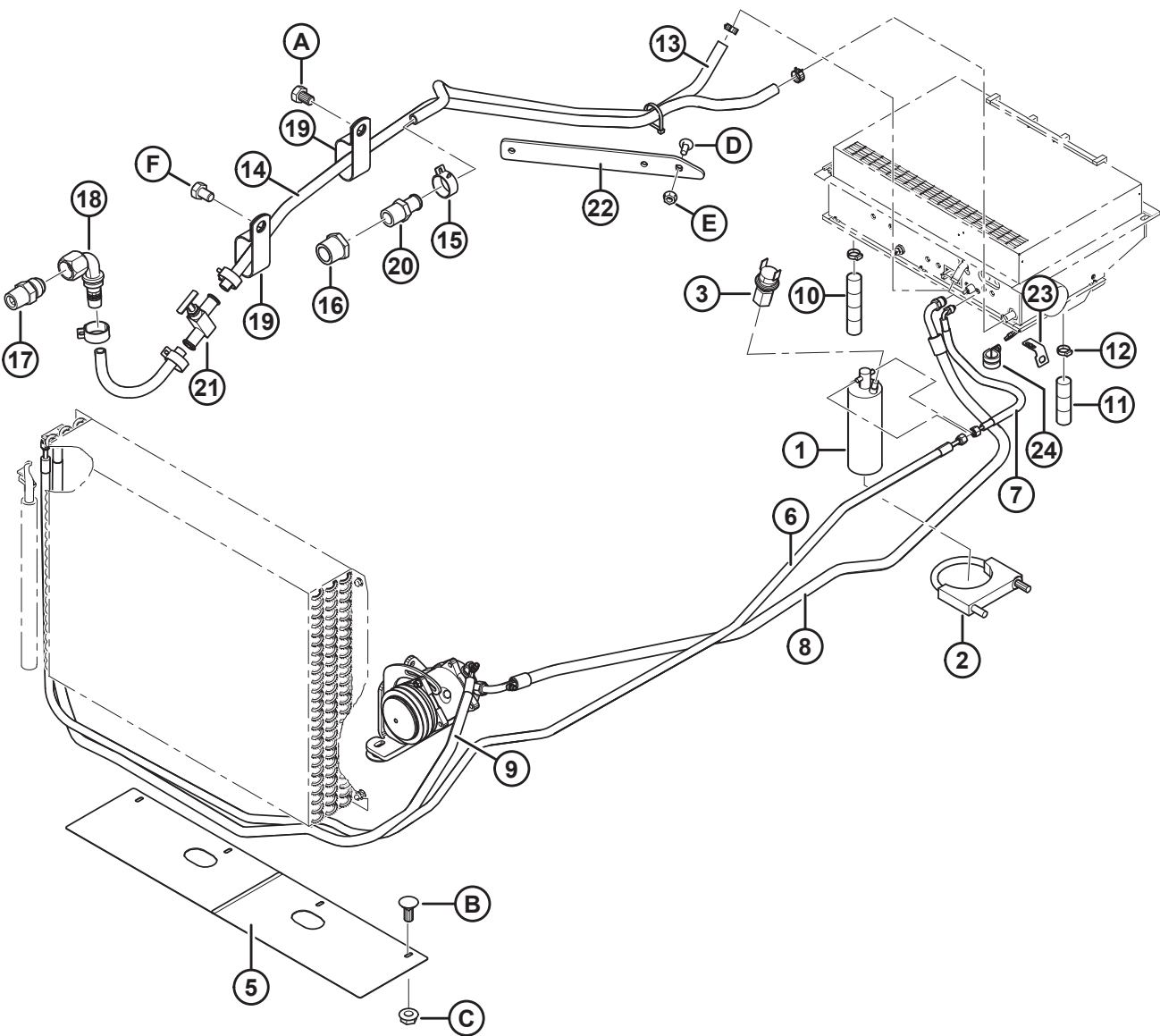
80. For service parts, refer to Section *37 Cab Air Conditioning and Heating – 2015 and Later, page 89*.

81. For units made in model year 2017 and later.

82. For units made in model year 2016 and prior.

83. Includes filter tray seal (MD #139027).

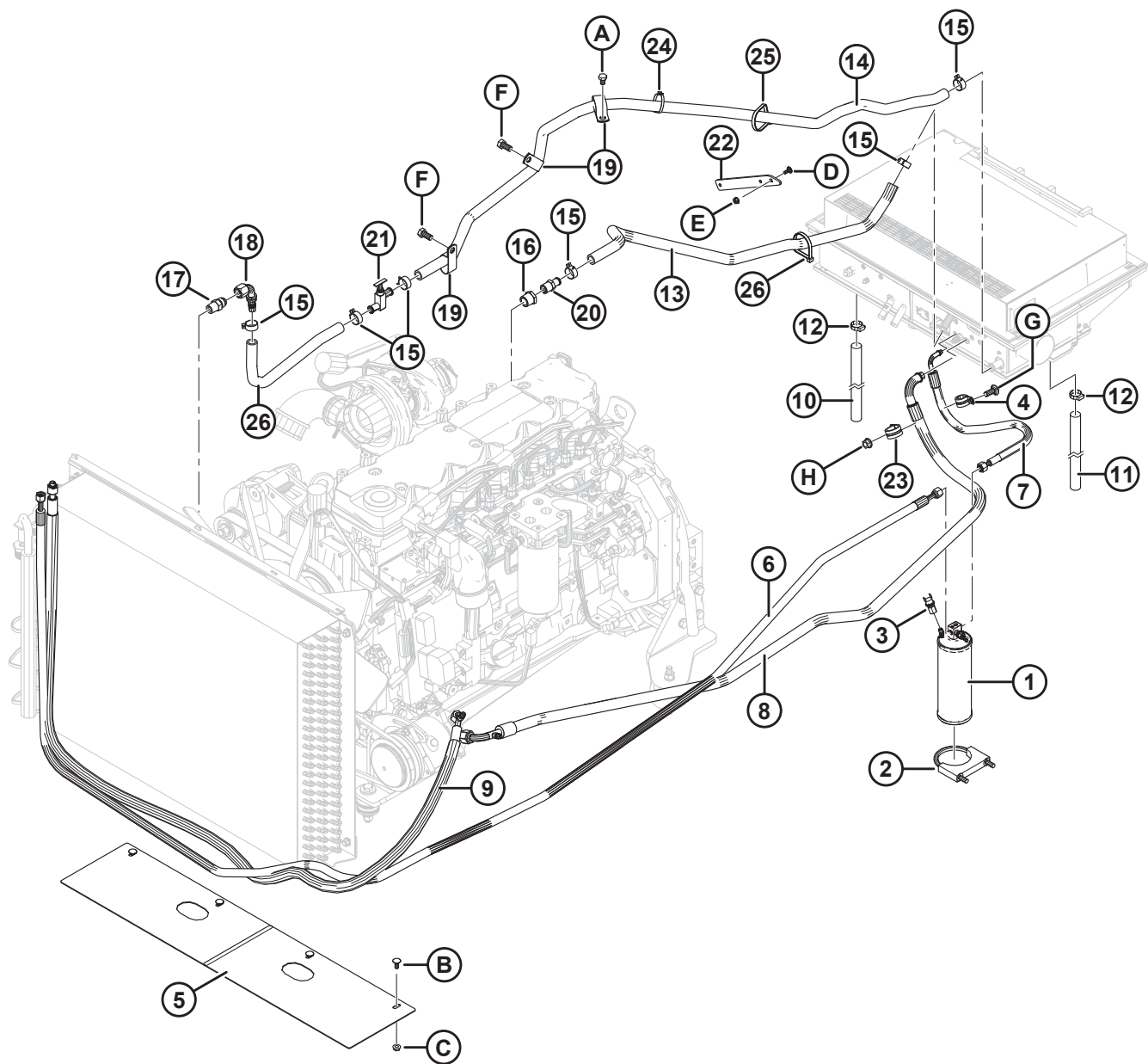
39 HVAC – Engine Group – 2014 and Prior



HVAC – ENGINE GROUP – 2014 AND PRIOR

Ref	Part Number	Description	Qty	Serial Number
1	183273	KIT – RECEIVER DRIER W/ DYE	1	–266819
2	42469	CLAMP – PIPE	1	–266819
3	183199	SWITCH – AIR COND HIGH	1	–266819
5	110834	SHIELD – FAN (ENGINE AIR BLAST)	2	–266819
6	138569	HOSE – AC COND TO DRIER	1	–266819
	183506	O-RING – #6 HNBR, GREEN		–266819
7	138706	HOSE – A/C DRYER TO EXPANSION VALVE	1	–266819
	183506	O-RING – #6 HNBR, GREEN		–266819
8	183261	HOSE – A/C EXP VALVE TO COMPRESSOR SUCTION	1	–266819
	183202	O-RING – #10 HNBR, GREEN		–266819
	183263	CAP – R134A LOW SIDE SERVICE VALVE		–266819
	183264	VALVE – SCHRADER, HF, LOW SIDE, HNBR GREEN		–266819
9	183260	HOSE – AC COMP TO COND	1	–266819
	183508	O-RING – #8 HNBR, GREEN		–266819
	183265	VALVE – SCHRADER, HF, HIGH SIDE, HNBR GREEN		–266819
	183262	CAP – R134A HIGH SIDE SERVICE VALVE		–266819
10	166002	HOSE – DRAIN, 1/2 IN. I.D., 2200 MM LG	1	–266819
11	166003	HOSE – DRAIN, 1/2 IN. I.D., 1900 MM LG	1	–266819
12	21053	CLAMP – GEAR TYPE	2	–266819
13	110763	HOSE – HEATER, 5/8 IN. I.D., 1220 MM LG	1	–266819
14	183185	HOSE – HEATER, 5/8 IN. I.D., 2200 MM LG	1	–266819
15	112692	CLAMP – HOSE	6	–266819
16	5745	FITTING – REDUCER BUSHING	1	–266819
17	21746	FITTING – CONNECTOR HYD	1	–266819
18	139062	FITTING – HEATER HOSE	1	–266819
19	50022	CLAMP – INSULATED 15/16 INCH	2	–266819
20	112662	FITTING – HEATER 1/2 NPT MALE X 5/8 IN. HOSE	1	–266819
21	111391	VALVE – HEATER SHUTOFF	1	–266819
22	160533	BRACKET – CONDENSATE HOSE SUPPORT	1	–266819
23	183232	BRACKET – CLAMP, HVAC BOX	1	–266819
24	135709	CLAMP – INSULATED 3/4 IN.	1	–266819
A	50071	BOLT – HH M10 X 1.5 X 15 LG ZP		
B	21281	BOLT – RHSN 5/16 NC X 0.75 GR 5 ZP		
C	30280	NUT – FLG SIDE LK SMTH FACE 5/16 NC GR 5 ZP		
D	30242	BOLT – RHSN 1/4 NC X 0.625 GR 5 ZP		
E	135248	NUT – FLG SMTH FACE 1/4-20 NC GR 5 ZP CTR LK DT		
F	50155	BOLT – HH M12 X 1.75 X 25 LG ZP		
G	30505	NUT – HEX M10 X 1.5-10-A3L		

40 HVAC – Engine Group – 2015 and Later

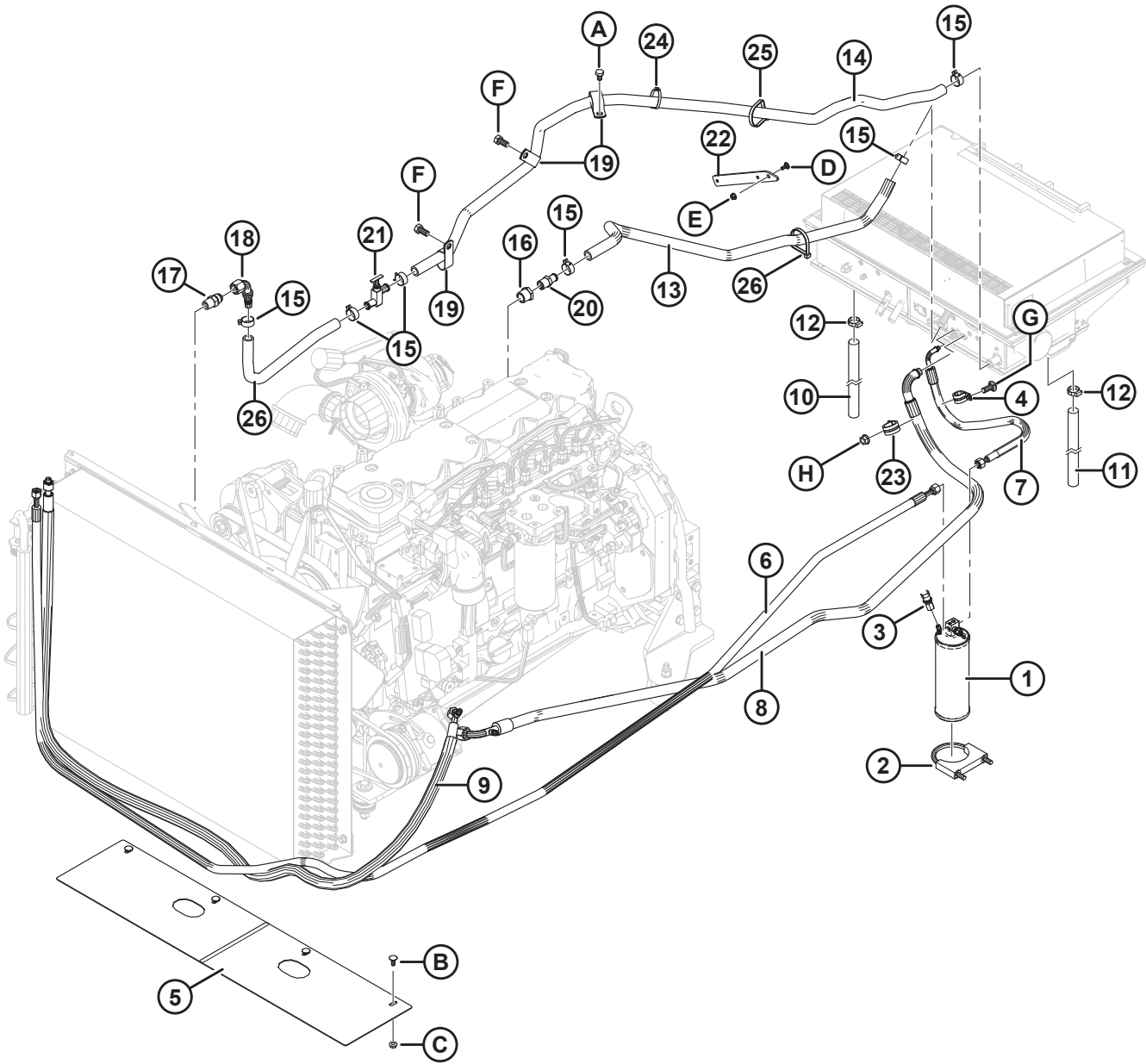


1030157

HVAC – ENGINE GROUP – 2015 AND LATER

Ref	Part Number	Description	Qty	Serial Number
1	183273	KIT – RECEIVER DRIER W/ DYE	1	266820–
2	42469	CLAMP – PIPE	1	266820–
3	183199	SWITCH – AIR COND HIGH	1	266820–
4	135716	CLAMP – INSULATED 5/8 IN.	1	266820–
5	110834	SHIELD – FAN (ENGINE AIR BLAST)	2	266820–
6	138569	HOSE – AC COND TO DRIER	1	266820–
	183506	O-RING – #6 HNBR, GREEN		266820–
7	183354	HOSE – A/C DRYER TO EXPANSION VALVE	1	266820–
	183506	O-RING – #6 HNBR, GREEN		266820–
8	183353	HOSE – A/C EXP VALVE TO COMPRESSOR SUCTION	1	266820–
	183202	O-RING – #10 HNBR, GREEN		266820–
	183444	CAP – R134A LOW SIDE SERVICE VALVE		266820–
	183264	VALVE – SCHRADER, HF, LOW SIDE, HNBR GREEN		266820–
	183357	O-RING – HNBR, RED		266820–
9	183260	HOSE – AC COMP TO COND	1	266820–
	183508	O-RING – #8 HNBR, GREEN		266820–
	183265	VALVE – SCHRADER, HF, HIGH SIDE, HNBR GREEN		266820–
	183443	CAP – R134A HIGH SIDE SERVICE VALVE		266820–
10	166002	HOSE – DRAIN, 1/2 IN. I.D., 2200 MM LG	1	266820–
11	166003	HOSE – DRAIN, 1/2 IN. I.D., 1900 MM LG	1	266820–
12	21053	CLAMP – GEAR TYPE	2	266820–
13	110763	HOSE – HEATER, 5/8 IN. I.D., 1220 MM LG	1	266820–
14	166752	HOSE – HEATER, 5/8 IN. I.D., 2020 MM LG	1	266820–
15	112692	CLAMP – HOSE	6	266820–
16	5745	FITTING – REDUCER BUSHING	1	266820–
17	21746	FITTING – CONNECTOR HYD	1	266820–
18	139062	FITTING – HEATER HOSE	1	266820–
19	50022	CLAMP – INSULATED 15/16 INCH	2	266820–
20	112662	FITTING – HEATER 1/2 NPT MALE X 5/8 IN. HOSE	1	266820–
21	111391	VALVE – HEATER SHUTOFF	1	266820–
22	160533	BRACKET – CONDENSATE HOSE SUPPORT	1	266820–
23	209018	CLAMP – INSULATED 7/8 IN.	1	266820–
24	21763	FASTENER – CABLE TIE, BLACK, 160 MM LG	6	266820–
25	30753	FASTENER – CABLE TIE, BLACK, 305 MM LG	2	266820–
26	166748	HOSE – HEATER, 5/8 IN. I.D., 330 MM LG	1	266820–
A	50071	BOLT – HEX HD TFL M10X1.5X15-8.8-AA1J		
B	21281	BOLT – RHSN 5/16-18X.75-GR5 AA1J		
C	30280	NUT – FLG LK SMFC 5/16-18 UNC GR5 AA1J		
D	30242	BOLT – RHSN 1/4-20X.63-GR5-AA1J		
E	135248	NUT – HEX FLG CTR LOC		
F	50155	BOLT – HEX HD TFL M12X1.75X25-8.8-AA1J		

HVAC – ENGINE GROUP – 2015 AND LATER

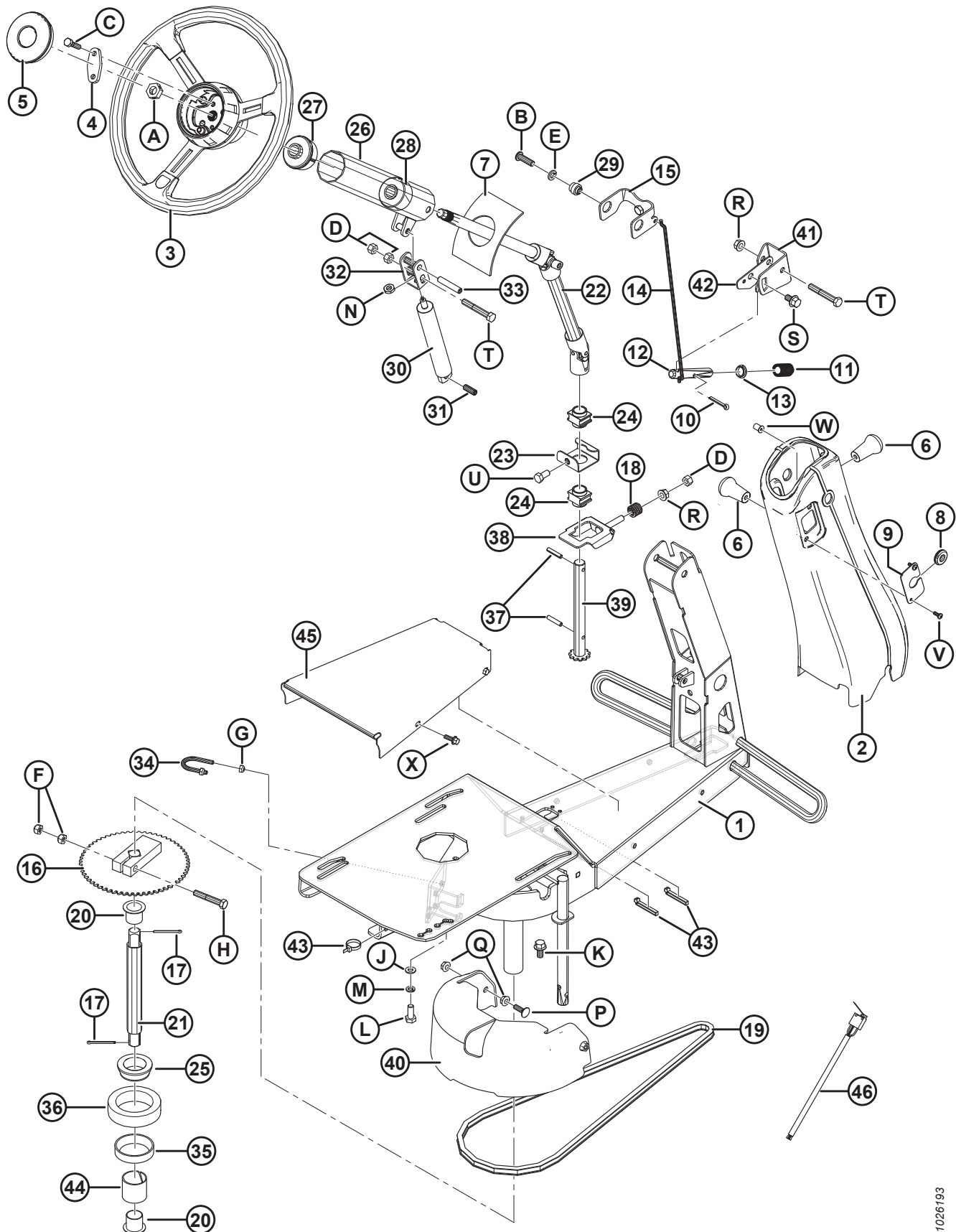


1030157

HVAC – ENGINE GROUP – 2015 AND LATER

Ref	Part Number	Description	Qty	Serial Number
G	20077	BOLT – HEX HD TFL 3/8-16X1.0 GR5-AA1J		
H	30228	NUT – FLG DT SM FACE 3/8-16UNC-GR5-AA1J		

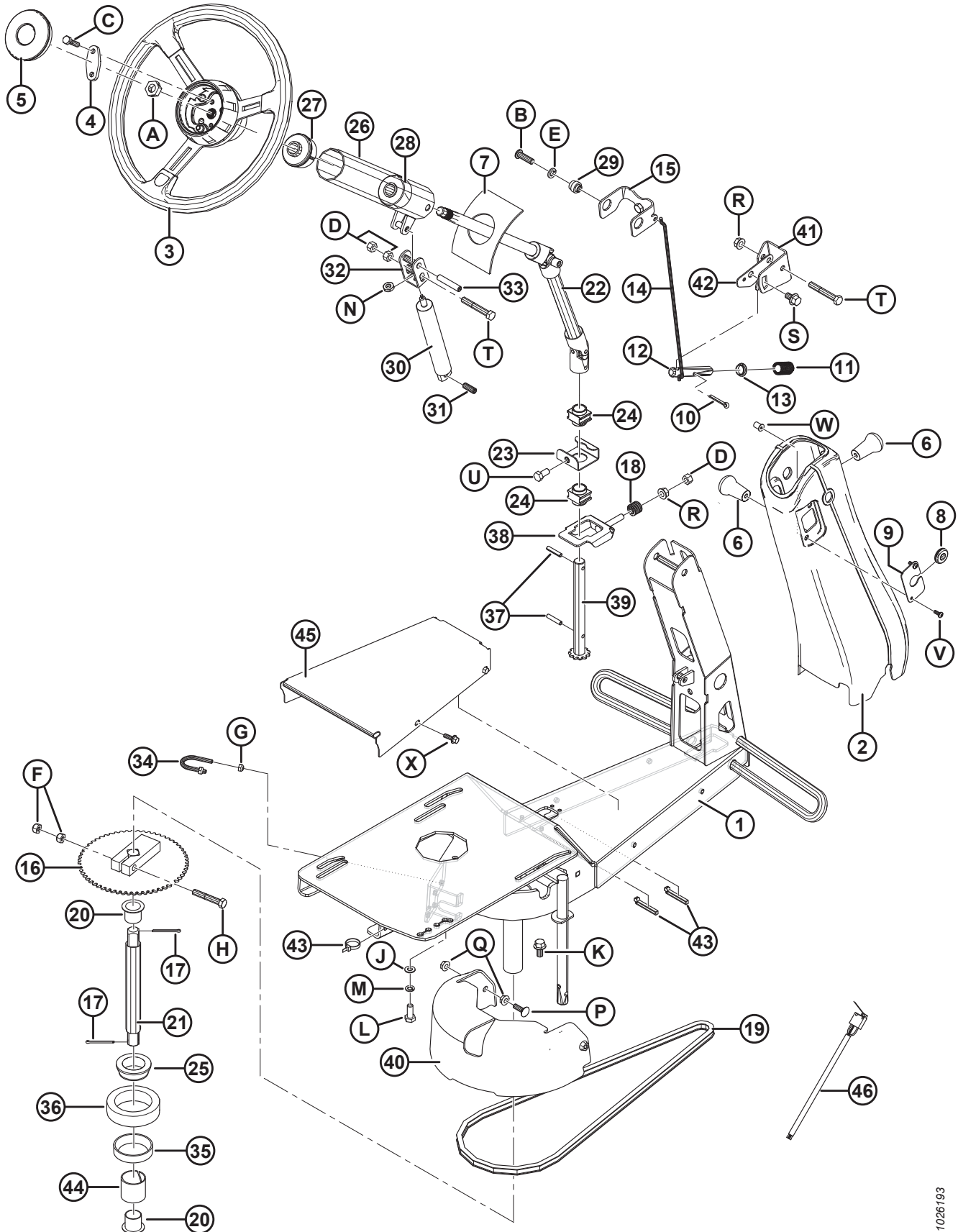
41 Steering Column and Seat Base



STEERING COLUMN AND SEAT BASE

Ref	Part Number	Description	Qty	Serial Number
1	183279	BASE – OPERATOR'S STATION WELDMENT	1	
2	183277	COVER – STEERING COLUMN	1	
3	109482	WHEEL – STEERING	1	
4	109788	TOOL – STEERING WHEEL REMOVAL	1	
5	109483	CAP – STEERING WHEEL	1	
6	109472	KNOB – TAPERED, 3/8-16 NC	2	
7	109748	SEAL – STEERING COLUMN	1	
8	183317	GROMMET – 12.7 IN. I.D., 27 IN. O.D. X 7.9	1	
9	183275	PLATE – SLOTTED	1	
10	18648	PIN – COTTER 3/16 DIA X 1.25 ZP	1	
11	19739	SPRING – COMPRESSION	1	
12	109470	PIN – LATCH	1	
13	109478	BUSHING – SNAP-IN, 0.625 IN.	1	
14	109502	ROD – RELEASE	1	
15	163438	CHANNEL – RELEASE	1	
16	109346	SPROCKET WELDT	1	
17	18606	PIN – COTTER 1/8 DIA X 1.5 ZP	2	
18	109779	SPRING – COMPRESSION	1	
19	109479	CHAIN – STEERING	1	
20	156424	BUSHING – PLASTIC FLANGED 1.0 IN.	2	
21	109344	SHAFT – STEERING	1	
22	109477	SHAFT – STEERING WELDT	1	
23	109302	RETAINER – BUSHING WELDT	1	
24	109751	BUSHING – PLASTIC	2	
25	109611	BEARING – CONE	1	
26	109288	TUBE – STEERING WELDT	1	
27	45661	ROLLER – PLASTIC	1	
28	19488	ROLLER	1	
29	109299	SPACER – COLUMN	2	
30	109073	SPRING – GAS	1	
31	50075	PIN – SPRING 3/8 DIA X 1.0 LG	1	
32	45744	YOKE	1	
33	30061	PIN – SPRING 3/8 DIA X 2.0 LG	1	
34	109914	U-BOLT	2	
35	30516	BEARING – CUP	1	
36	109915	SEAL – DUST, SEAT PIVOT	1	
37	16266	PIN – SPRING 1/4 DIA X 1.25 LG	2	
38	109306	GUIDE – LOWER BUSHING, WELDT	1	
39	109297	SHAFT – STEERING WELDT	1	
40	109932	COVER – SEAT BASE	1	
41	160275	ARM – RELEASE	1	
42	160276	ARM – RELEASE, WELDT	1	
43	21763	FASTENER – CABLE TIE, BLACK, 160 MM LG	1	
44	109350	BUSHING – SLEEVE 1.5 IN.	1	
45	183259	COVER – SEAT	1	

STEERING COLUMN AND SEAT BASE



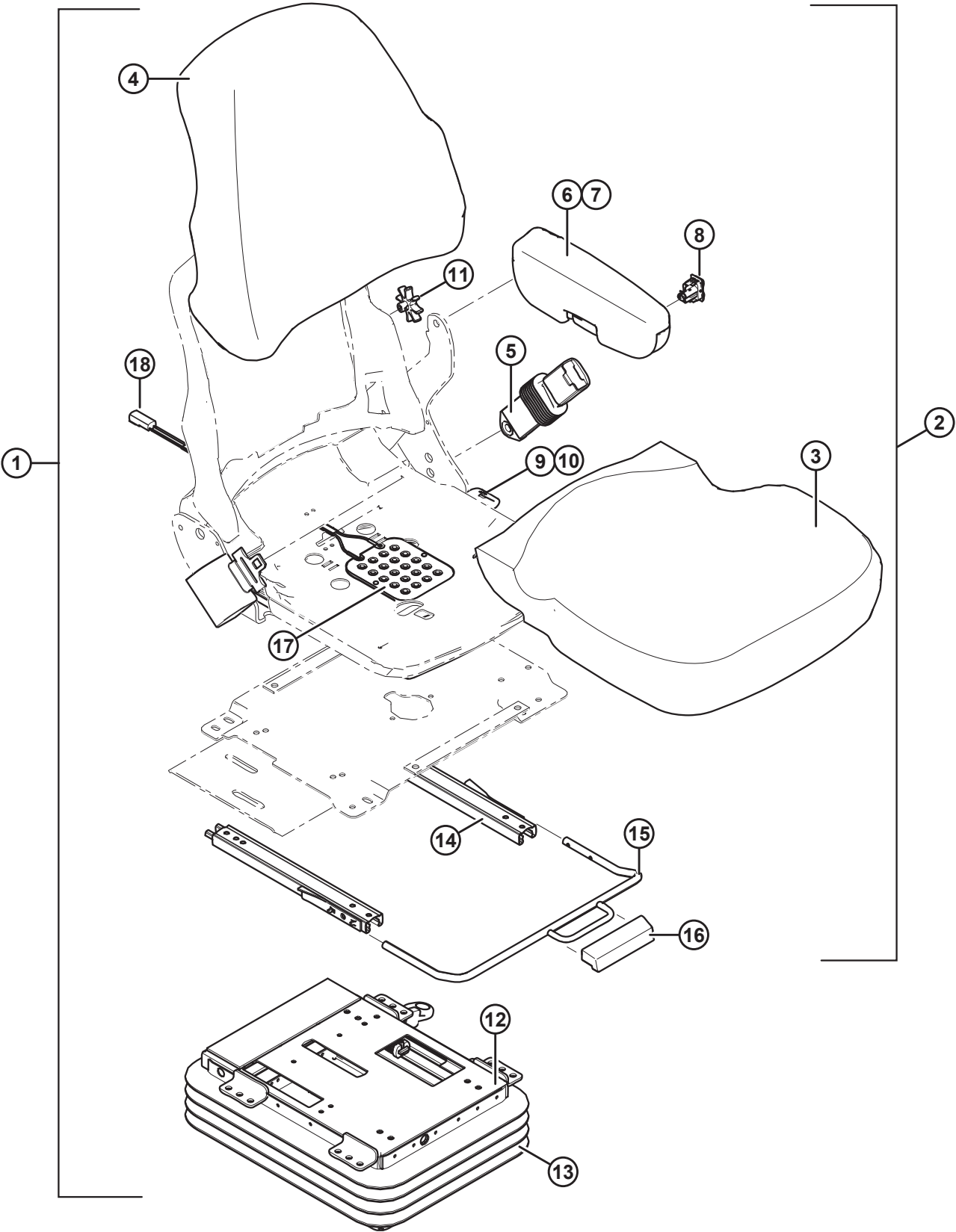
1026193

STEERING COLUMN AND SEAT BASE

Ref	Part Number	Description	Qty	Serial Number
46	109699	SWITCH – SNAP ACTION ⁸⁴	1	
A	105173	NUT – HEX JAM CENTER LOCK		
B	109071	BOLT – BUTTON HD. 0.375 NC X 1.25 LG		
C	135349	BOLT – HH 5/16 NF X 1.25 LG GR 5 ZP		
D	18590	NUT – HEX 3/8-16 UNC GR 5 ZP		
E	18637	WASHER – REG. LOCK 3/8 IN. NOM. I.D. ZP		
F	18669	NUT – HEX LOCK DT 3/8-16 UNC ZP		
G	18724	NUT – HEX LOCK DT 1/4-20 UNC ZP		
H	20055	BOLT – HH 3/8 NC X 2.25 LG GR 5 ZP		
J	18597	WASHER		
K	21821	BOLT – HH FLG (SER FACE) 3/8 NC X 0.75 GR 5		
L	30715	BOLT – HH M8 X 1.25 X 20 LG ZP		
M	30716	WASHER – LOCK SPRING (M8)		
N	109072	NUT – HEX JAM M10		
P	21282	BOLT – RHSN 5/16-18 X 1 GR 5 ZP		
Q	21403	NUT – FLG (SER FACE) 5/16 NC GR 5 ZP		
R	30228	NUT – LOCK, SMTH FLG 3/8 NC DT		
S	50076	BOLT – HEX FLG (SER FACE) 3/8 NC X .63 GR 5		
T	21102	BOLT – HH 3/8 NC X 2.5 LG GR 5 ZP		
U	21567	BOLT – HEX HD .375-16 UNC X 0.75 LG		
V	136608	SCREW – MACH PAN HD PHH #10-32 UNC X 1/2 GR 5 ZP		
W	109474	NUT – RUBBER 10-32 NF METAL INSERT		
X	21456	BOLT – HH FLG (SER FACE) 1/4 NC X 0.75 GR 5		

84. Refer to Section [29 Cab Seals, Grommets, Mounts, and Upholstery](#), page 67.

42 Operator's Seat



1026381

OPERATOR'S SEAT

Ref	Part Number	Description	Qty	Serial Number
1	109244	SEAT – C/W SMV DECAL	1	
2	109847	SEAT – TOP ASSEMBLY (NO SUSPENSION) ⁸⁵	1	
3	109845	SEAT CUSHION ASSEMBLY ⁸⁶	1	
4	109846	BACK CUSHION ASSEMBLY	1	
5	45954	SEAT BELT	1	
6	109848	ARMREST ASSEMBLY (LH)	1	
7	109849	PAD – LH ARMREST, C/W SCREW	1	
8	109850	SWITCH – SEAT (SUSPENSION HEIGHT)	1	
9	109851	KIT – RECLINER	1	
10	109852	KNOB – RECLINER	1	
11	109853	LUMBAR KNOB KIT	1	
12	109854	LPA SUSPENSION ASSEMBLY ⁸⁷	1	
13	109855	BOOT KIT ⁸⁸	1	
14	109862	KIT – FORE-AFT SLIDES	1	
15	109863	HANDLE – SLIDE	1	
16	109864	KNOB – SLIDE	1	
17	109968	SWITCH – SEAT, OPERATOR PRESENT	1	
18	109971	HARNESS – SEAT SWITCH	1	

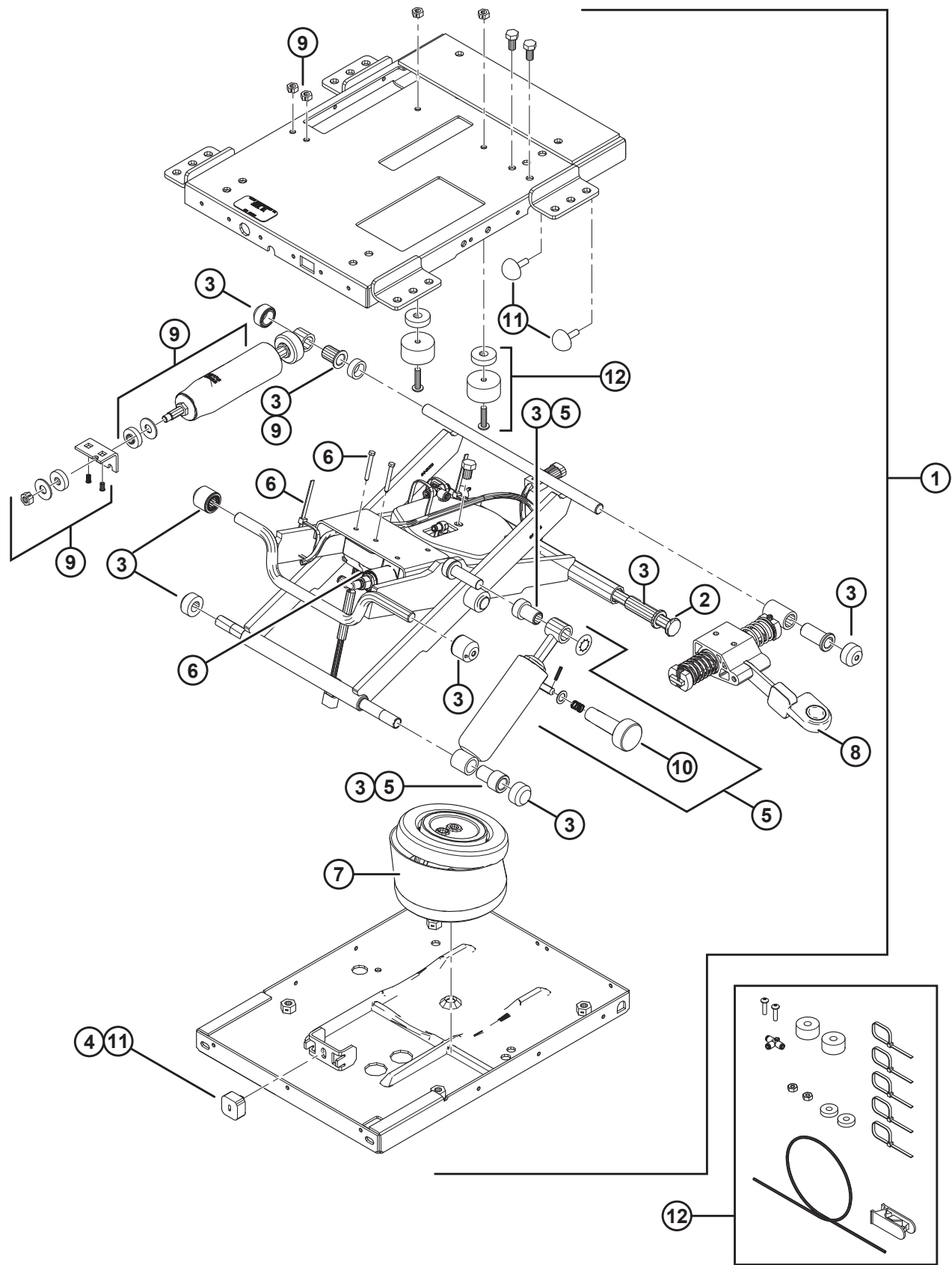
85. Includes back cushion assembly (MD #109846), armrest assembly (MD #109848), and seat belt (MD #45954).

86. Includes operator present switch (MD #109968).

87. For internal components, refer to Section [43 Seat Suspension Internal Components, page 105](#).

88. Includes boot, clips, and rivets.

43 Seat Suspension Internal Components



1008608

SEAT SUSPENSION INTERNAL COMPONENTS

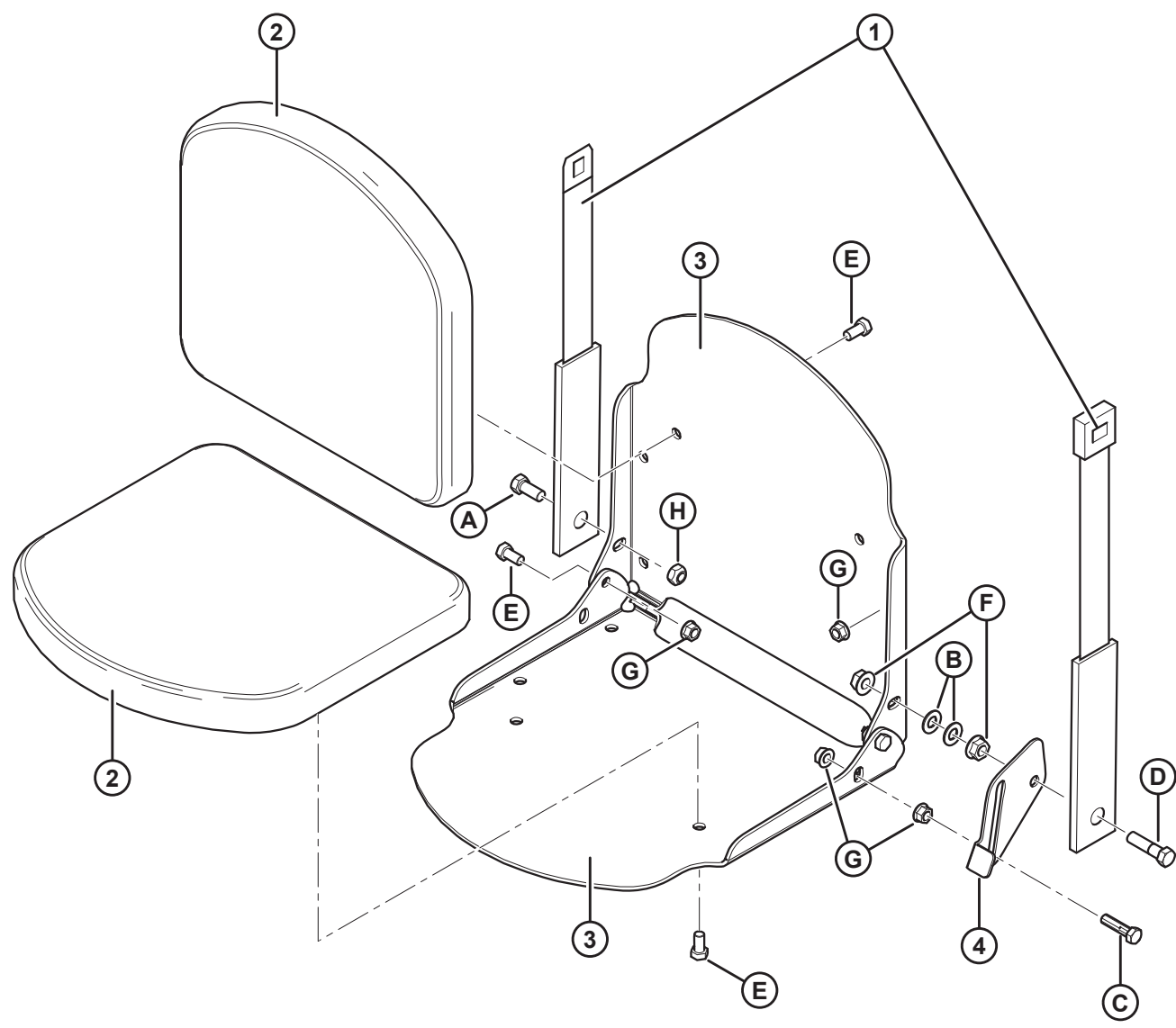
Ref	Part Number	Description	Qty	Serial Number
1	109854	LPA SUSPENSION ASSEMBLY ⁸⁹	1	
2	109856	SHAFT – BEARING	1	
3	109857	KIT – BEARING	1	
4	109858	BUMPER (QTY 1)	1	
5	109859	KIT – ADJUSTABLE SHOCK ABSORBER ⁹⁰	1	
6	208040	KIT – COMPRESSOR	1	
	109812	KIT – AIRLINE AND FITTING SERV.	1	
7	109860	SPRING – AIR, C/W J-CLIP	1	
8	109861	ISOLATOR – FORE-AFT	1	
9	208038	KIT – FORE-AFT ISO. SHOCK	1	
10	109865	KNOB – ADJUSTABLE SHOCK	1	
11	183150	KIT – SUSPENSION BUMPER ⁹¹	1	
12	183344	KIT – SUSPENSION BUMPERS AND AIRLINE	1	

89. Complete with boot kit.

90. Includes adjustable shock knob (MD #109865).

91. Includes three suspension bumpers (MD #109858) and two spherical bumpers.

44 Trainer's Seat

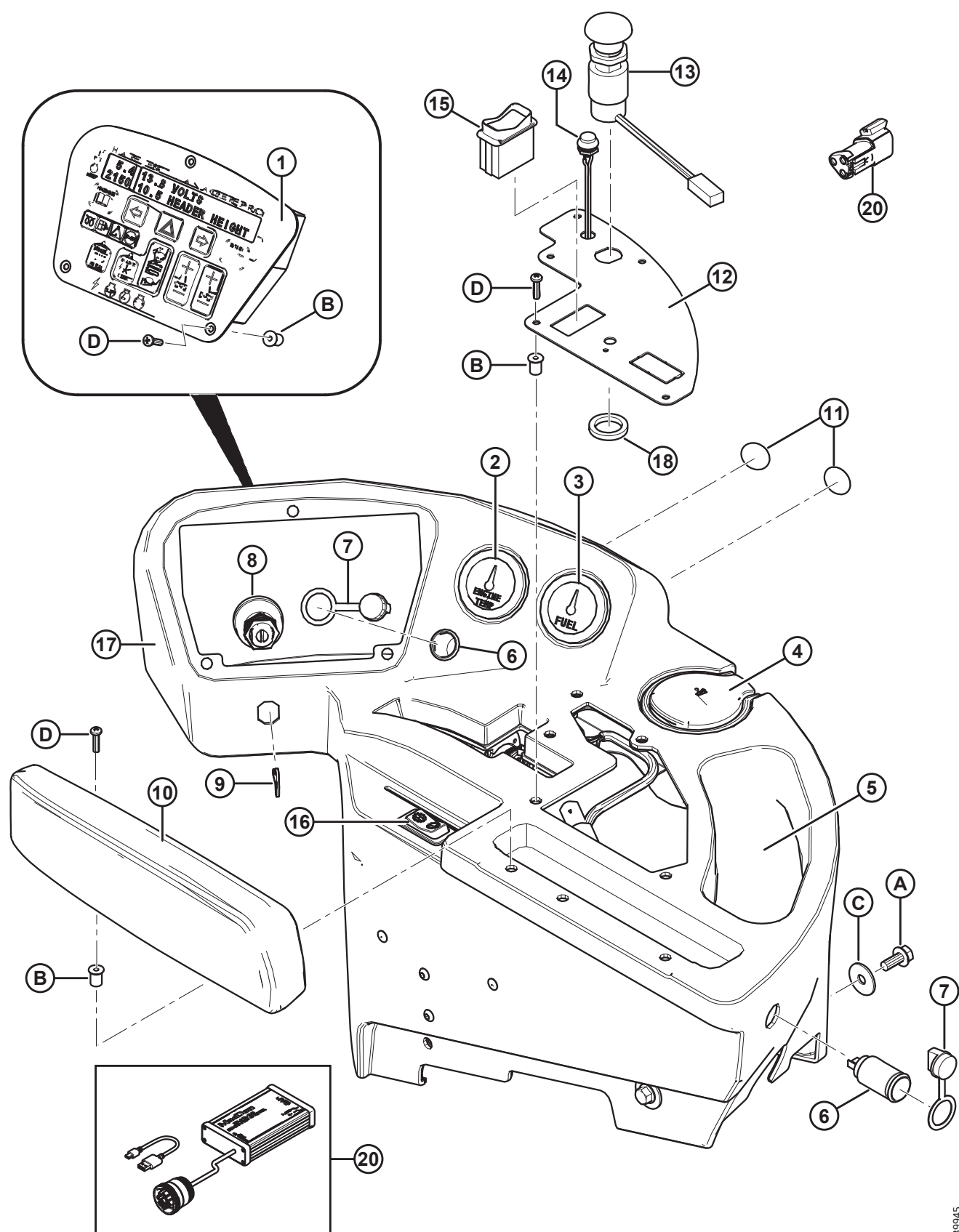


1004974

TRAINER'S SEAT

Ref	Part Number	Description	Qty	Serial Number
1	109102	SEAT BELT	1	
2	109643	CUSHION – TRAINING SEAT	2	
3	167503	SUPPORT – CUSHION C/W DECAL	2	
4	109644	LATCH – TRAINER'S SEAT	1	
A	21522	BOLT – HH 7/16 NC X 1.0 LG GR 5 ZP		
B	18688	WASHER – SAE FLAT 0.47 IN. I.D. X 0.92 IN. O.D. ZP		
C	21561	BOLT – HH 3/8 NC X 1.5 LG GR 5 ZP		
D	21564	BOLT – HH 7/16 NC X 1.75 LG GR 5 ZP		
E	21567	BOLT – HEX HD .375-16 UNC X 0.75 LG		
F	21761	NUT – FLG SMOOTH FACE 7/16 NC GR 5 ZP		
G	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
H	20213	NUT – LOCK, HEX 7/16 NC DT		

45 Console Components



1039945

CONSOLE COMPONENTS

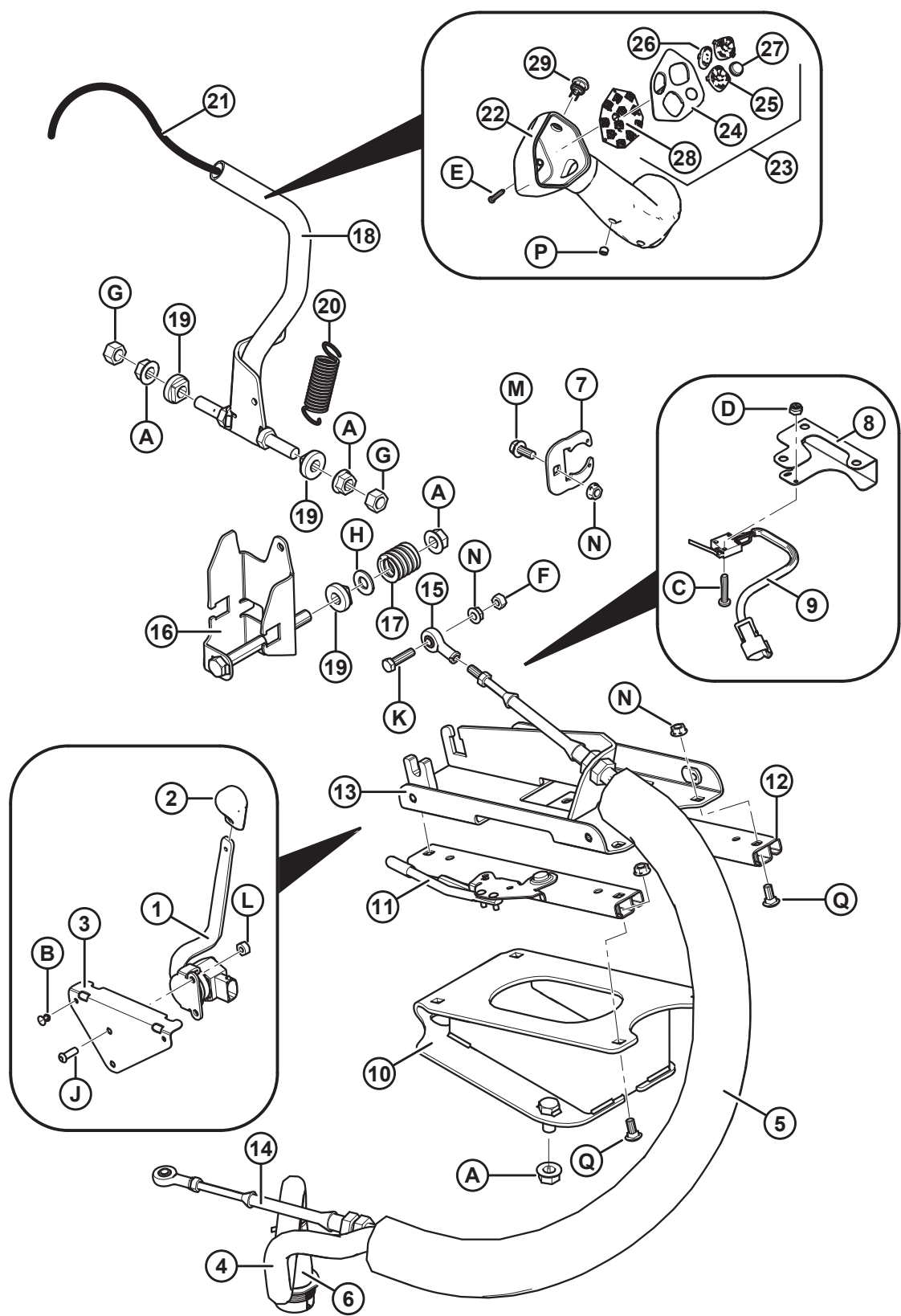
NOTE:

Contact your Dealer for information about software updates to the electronic modules. Your Dealer will have the necessary interface tools and access to the latest software upgrades.

Ref	Part Number	Description	Qty	Serial Number
1	183920	MODULE – CDM 5.1 AND INSTRUCTIONS	1	
2	109457	GAUGE – ENGINE TEMP	1	
3	109456	GAUGE – FUEL	1	
4	109627	ASHTRAY	1	
5	109742	PAD – STORAGE BIN	1	
6	109080	TERMINAL – POWER OUTLET	2	
7	109081	CAP – POWER OUTLET	2	
8	109702	SWITCH – ASSEMBLY C/W KEYS	1	
9	109701	KEYS – IGNITION SET OF 2	1	
10	109637	ARMREST ASSEMBLY	1	
11	109826	DECAL – COVER	2	
12	183294	PANEL – SWITCH	1	
13	109505	SWITCH – HEADER ENGAGE	1	
14	109453	SWITCH – PUSH BUTTON	1	
15	109574	SWITCH – ROCKER, ON-OFF-ON	1	
16	109576	SWITCH – ROCKER, ON-NONE-ON (TWO SPEED)	1	
17	109463	PANEL – CONSOLE	1	
18	160107	WASHER – FLAT	1	
19	134043	CONNECTOR – RECEPTACLE, J1939 TERMINATOR	2	
20	167889	KIT – CANWIN ADAPTER MODULE, C/W USB CABLE ⁹²	A/R	
A	30278	BOLT – HH FLG (SER FACE) 5/16 NC X 0.75 GR 5 ZP		
B	109474	NUT – RUBBER 10-32NF METAL INSERT		
C	103837	WASHER – FLAT		
D	135161	SCREW – MACHINE (#10-32 UNF X 0.75 IN.)		

92. Includes CanWin adapter module (J1939 to USB), 6 ft. USB cable (USB A to mini B), and CanWin diagnostic adapter manual.

46 Ground Speed Lever and Cable



1030483

GROUND SPEED LEVER AND CABLE

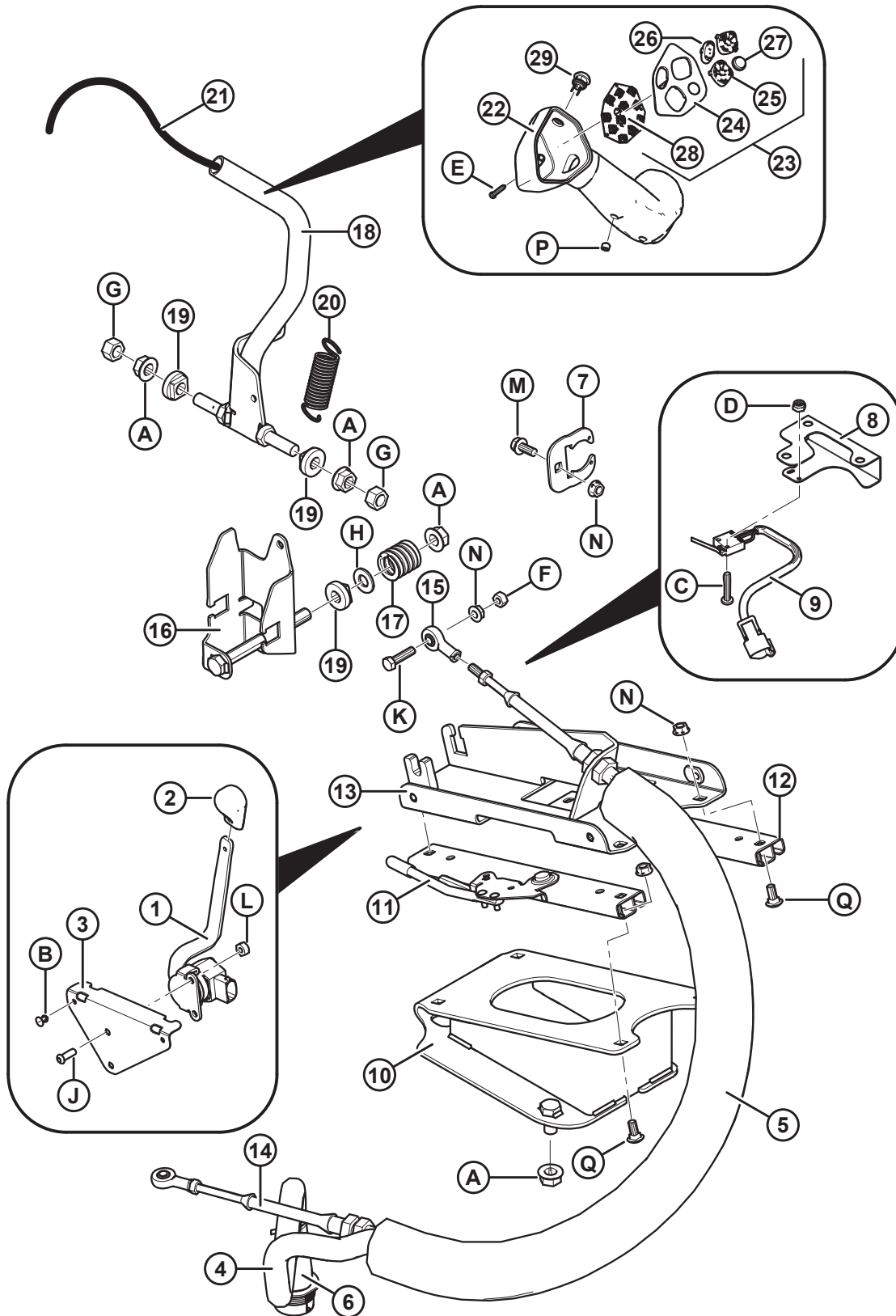
Ref	Part Number	Description	Qty	Serial Number
1	160199	CONTROL – THROTTLE ⁹³	1	
2	160195	KNOB – THROTTLE LEVER	1	
3	160258	SUPPORT – THROTTLE	1	
4	202551	HARNESS – CONSOLE	1	
5	160719	COVER – HARNESS/CABLE	1	
6	111632	SUPPORT – HARNESS	1	
7	109763	CLAMP – DIAGNOSTIC PLUG	1	
8	160104	SUPPORT – PARK SWITCH	1	
9	109699	SWITCH – PARKING	1	
10	109684	SUPPORT – CONSOLE SLIDE, WELDT	1	
11	109690	RAIL – SLIDE, C/W RELEASE	1	
12	109691	RAIL – SLIDE, W/O RELEASE	1	
13	160278	SUPPORT – SPEED LEVER, WELDT	1	
14	109688	CABLE – PUSH PULL	1	
15	109312	JOINT – BALL, 5/16 IN. FEMALE	2	
16	183874	CHANNEL – SPEED LEVER, WELDT	1	
17	28700	SPRING – COMPRESSION	1	
18	109335	LEVER – SPEED WELDT	1	
19	109750	BUSHING – PLASTIC	3	
20	25321	SPRING – EXTENSION	1	
21	166181	HARNESS – SPEED LEVER	1	
22	183216	HANDLE – SPEED CONTROL	1	
23	183212	PLATE – FACE ASSEMBLY ⁹⁴	1	
24	183213	PLATE – SPEED STICK FACE	1	
25	183234	KNOB – 4 WAY SWITCH	2	
26	109487	KNOB – 2 WAY SWITCH	1	
27	109488	KNOB – 1 WAY SWITCH	1	
28	NSS	ASSEMBLY – CIRCUIT BOARD ⁹⁵	1	
29	173164	SWITCH – PUSH BUTTON	1	
A	50186	NUT – FLG LOCK SM FACE DT 0.500-13 UNC GR 5		
B	113799	RIVET – POP		
C	135158	SCREW – PAN HEAD #6-32 X 3/4 LG		
D	135159	NUT – NYLOC		
E	183218	SCREW – PHIL FL CSK HD #8 X 1-1/4 IN. LG ZP		
F	18589	NUT – HEX 5/16-18 UNC GR 5 ZP		
G	18591	NUT – HEX 1/2-13 UNC GR 5 ZP		
H	18599	WASHER – SAE FLAT 17/32 I.D. X 1-1/16 IN. O.D. ZP		
J	123084	SCREW – HEX SOCKET BUTTON HD		
K	21526	BOLT – HH 5/16 NC X 1.25 LG GR 5 ZP		

93. Includes throttle lever knob (MD #160195).

94. Face plate assembly includes; speed stick face plate (MD #183213), 4-way switch knob (MD #183234), 2-way switch knob (MD #109487), and 1-way switch knob (MD #109488).

95. Included with face assembly plate (MD #183212).

GROUND SPEED LEVER AND CABLE

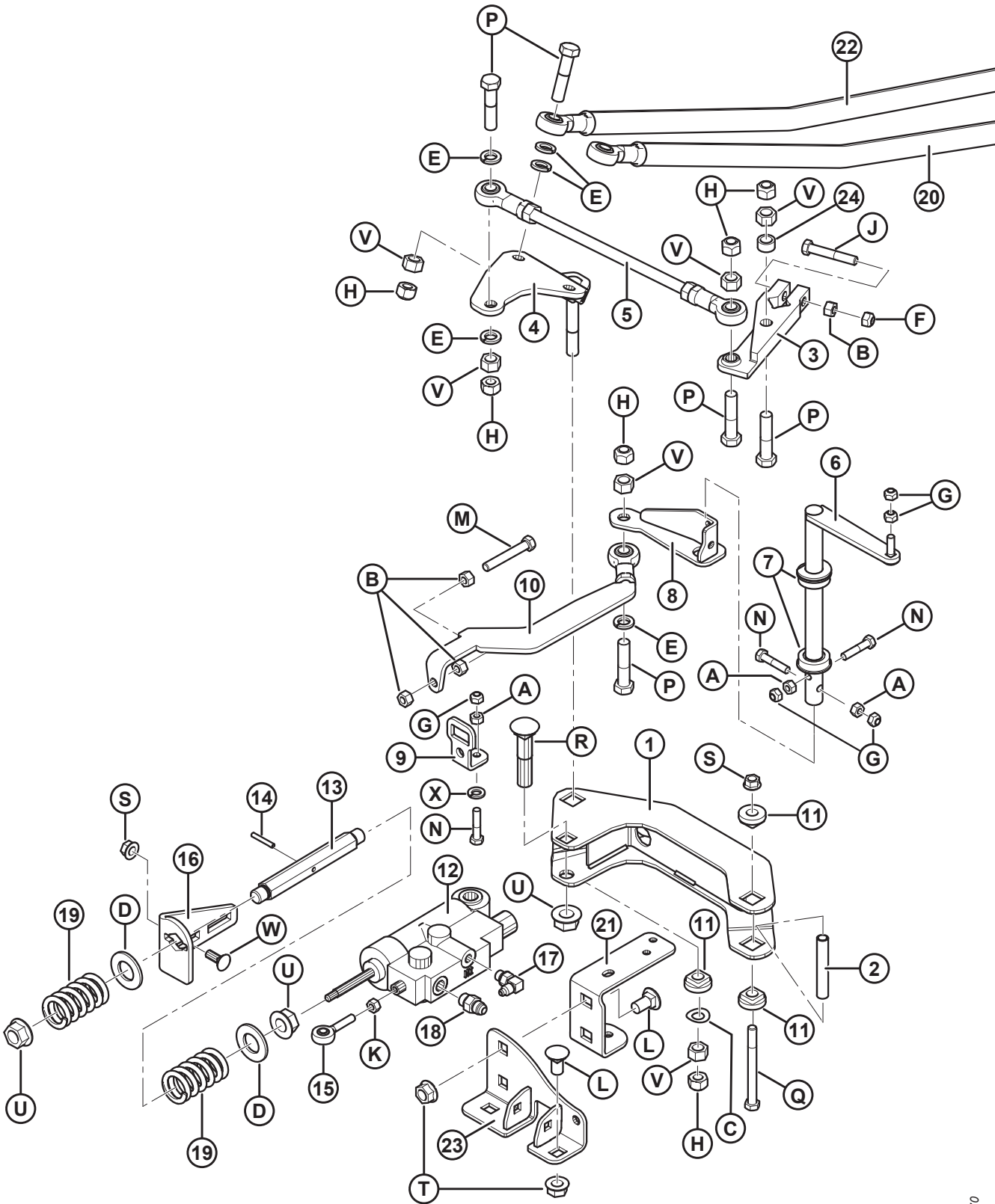


1030483

GROUND SPEED LEVER AND CABLE

Ref	Part Number	Description	Qty	Serial Number
L	18588	NUT – HEX 1/4-20 UNC GR 5 ZP		
M	30278	BOLT – HH FLG (SER FACE) 5/16 NC X 0.75 GR 5 ZP		
N	30280	NUT – FLG SIDE LK SMTH FACE 5/16 NC GR 5 ZP		
P	30872	SCREW – SET HEX SOC CUP PT 5/16 NC X 1/4 LG		
Q	21281	BOLT – RHSN 5/16 NC X 0.75 GR 5 ZP		

47 Steering and Ground Speed Control (under Cab)



1004870

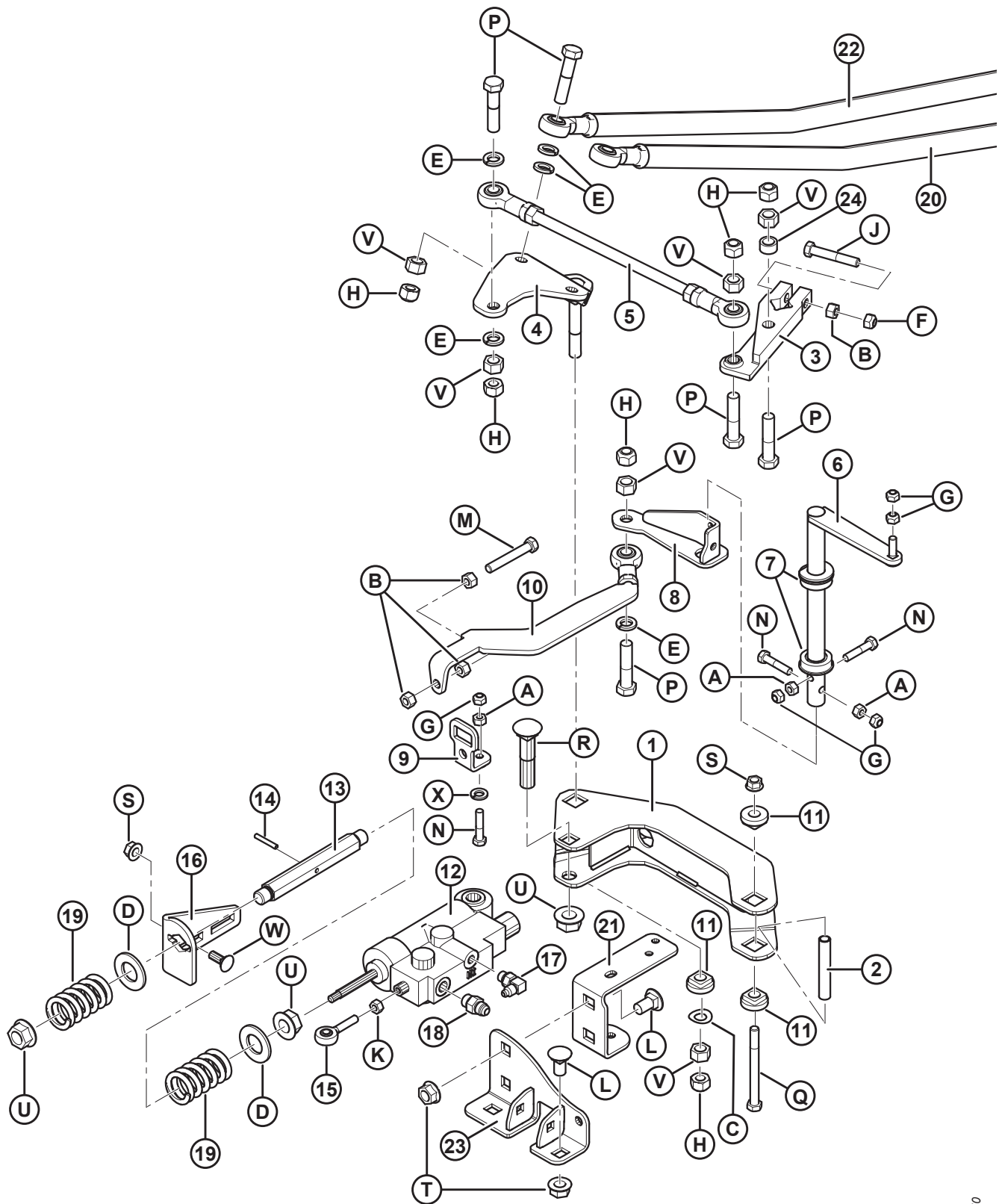
STEERING AND GROUND SPEED CONTROL (UNDER CAB)

Ref	Part Number	Description	Qty	Serial Number
1	109410	CARRIER ASSEMBLY ⁹⁶	1	
2	109422	SPACER – TUBE	1	
3	138191	ARM – STEERING	1	
4	138335	PIVOT – PINTLE	1	
5	139381	ROD – STEERING LINK ASSEMBLY	1	
6	109407	SHAFT – SPEED	1	
7	109818	BEARING	2	
8	138036	ARM – SPEED	1	
9	139635	ANGLE – SERVO INPUT	1	
10	183170	LINK – VALVE CONTROL ⁹⁷	1	–229509
11	109750	BUSHING – PLASTIC	4	
12	183913	VALVE – SERVO CONTROL	1	
	111990	SEAL KIT	1	
13	109809	SHAFT – SERVO	1	
14	13617	PIN – SPRING 3/16 DIA X 1.25 LG	1	
15	109313	JOINT – BALL, 5/16 IN. MALE	1	
16	183166	SUPPORT – SERVO	1	
17	135647	FITTING – ELBOW 90° HYD	1	
18	112997	VALVE CHECK – HYD	1	
19	109807	SPRING – COMPRESSION	2	
20	183940	ROD – LH STEERING WELDT	1	
21	109425	SUPPORT – PIVOT	1	
22	183939	ROD – RH STEERING WELDT	1	
23	162339	SUPPORT – STEERING WELDMENT	1	
24	14294	SPACER – TUBE	1	
A	18589	NUT – HEX 5/16-18 UNC GR 5 ZP		
B	18590	NUT – HEX 3/8-16 UNC GR 5 ZP		
C	135640	WASHER – CURVED SPRING S.S.		
D	18602	WASHER – SAE FLAT 15/16 I.D. X 1.75 IN. O.D. ZP		
E	18638	WASHER – REG. LOCK 1/2 IN. NOM. I.D. ZP		
F	18669	NUT – HEX LOCK DT 3/8-16 UNC ZP		
G	18690	NUT – HEX LOCK DT 5/16-18 UNC ZP		
H	18697	NUT – HEX LOCK DT .500-13 UNC		
J	20055	BOLT – HH 3/8 NC X 2.25 LG GR 5 ZP		
K	20214	NUT – HEX 5/16-24 UNF GR 5 ZP		
L	21066	BOLT – RHSN 1/2 NC X 1 GR 5 ZP		
M	136166	BOLT – HEX HD 3/8 NC X 3.0 TFL GR 5 ZP		
N	21268	BOLT – HH 5/16 NC X 1.5 LG GR 5 ZP		
P	21578	BOLT – HH 1/2 NC X 2.0 LG GR 5 ZP		
Q	21593	BOLT – HH 3/8 NC X 4.0 LG GR 5 ZP		

96. Includes four plastic bushings (MD #109750).

97. For units made in model year 2013 and prior. When ordering valve control link (MD #183170) also order hex head bolt (MD #136166).

STEERING AND GROUND SPEED CONTROL (UNDER CAB)

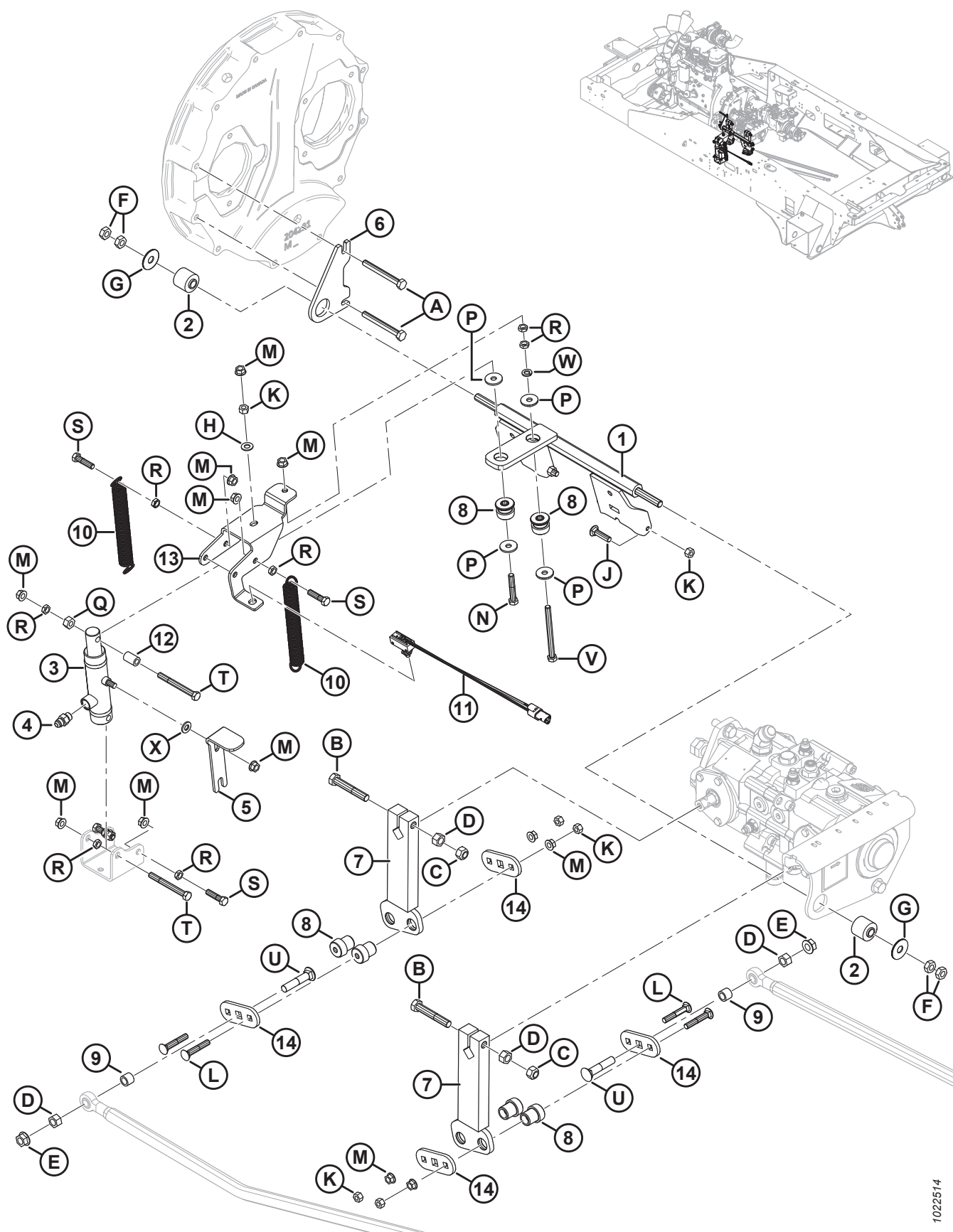


1004870

STEERING AND GROUND SPEED CONTROL (UNDER CAB)

Ref	Part Number	Description	Qty	Serial Number
R	21762	BOLT – RHSSN 5/8 NC X 3.0 LG GR 5 ZP		
S	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
T	50186	NUT – FLG LOCK SM FACE DT 0.500-13 UNC GR5		
U	50225	NUT – FLG DT SMOOTH FACE .625-11 UNC		
V	18591	NUT – HEX 1/2 NC GR 5 ZP		
W	19965	BOLT – RHSN 3/8 NC X 1.0 GR 5 ZP		
X	18636	WASHER – REG. LOCK, 5/16 IN. NOM. I.D. ZP		

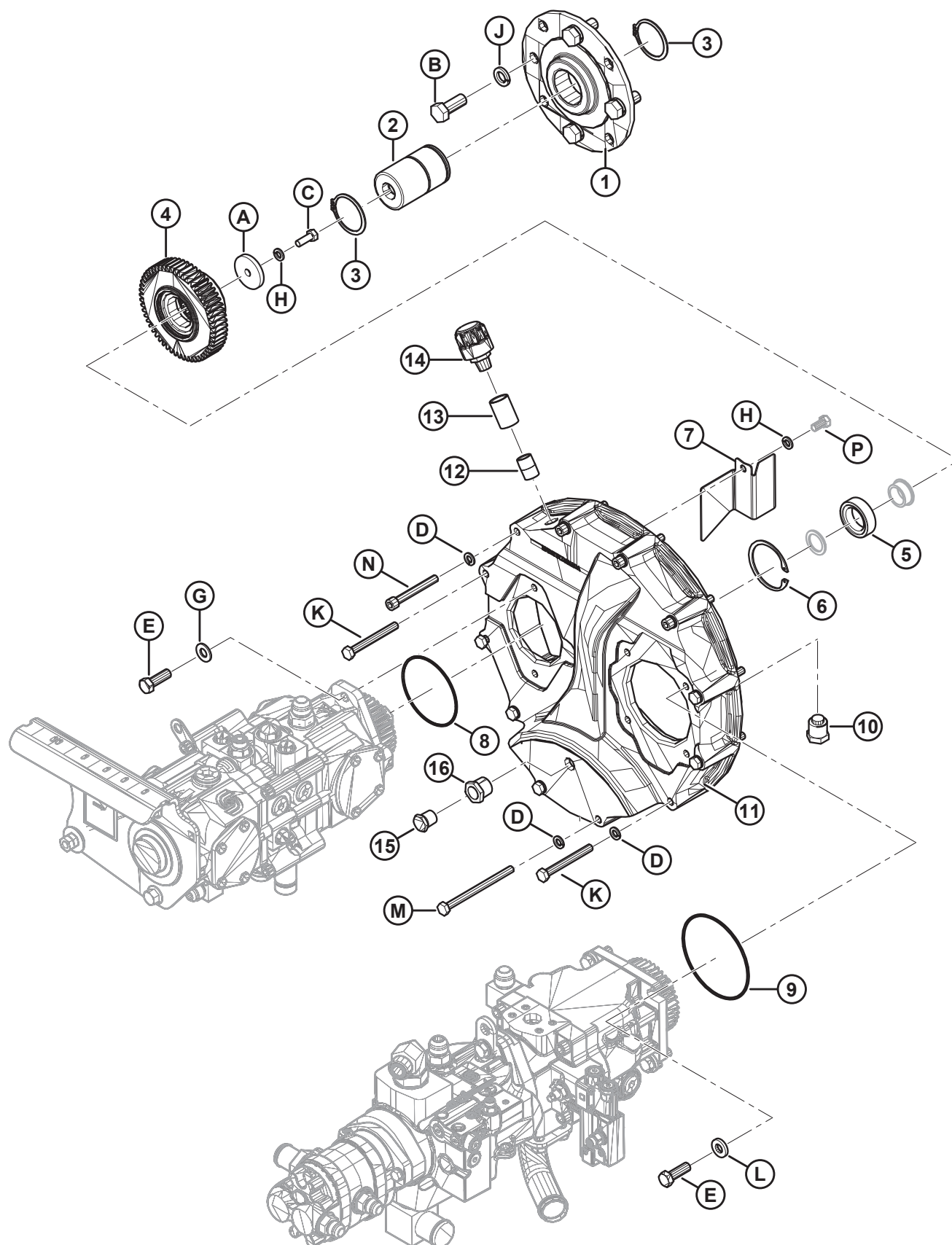
48 Neutral Interlock and Pintle Arms



NEUTRAL INTERLOCK AND PINTLE ARMS

Ref	Part Number	Description	Qty	Serial Number
1	110126	PIVOT – INTERLOCK WELD'T	1	
2	50040	BUSHING – RUBBER	2	
3	111599	CYLINDER – NEUTRAL INTERLOCK	1	
4	15903	FITTING – CONNECTOR HYD	1	
5	310708	PLATE – PINTLE SWITCH	1	
6	111811	HANGER – ENGINE INTERLOCK C/W BUSHING	1	
7	110921	ARM – PINTLE WELDT	2	
8	30591	INSULATOR – RUBBER	6	
9	132531	SPACER	2	
10	110977	SPRING – EXT	2	
11	111763	SWITCH – NEUTRAL INTERLOCK	1	
	139119	HARNESS – PINTLE INTERLOCK SWITCH	1	
12	163469	HOSE – SPACER, 3/8 IN ID, 25 MM LG	1	
13	138695	CHANNEL – ARM	1	
14	110922	BAR – BUSHING	4	
A	30682	BOLT – HH M10 X 1.5 X 90 LG ZP		
B	135542	BOLT – HH 1/2 NC X 3.0 LG GR 8 ZP		
C	18697	NUT – HEX LOCK DT .500-13 UNC		
D	18591	NUT – HEX 1/2-13 UNC GR 5 ZP		
E	50186	NUT – FLG LOCK SM FACE DT 0.500-13 UNC GR5		
F	137727	NUT – HEX JAM, DT. 1/2-13 UNC GR 5 ZP		
G	32247	WASHER – FLAT		
H	18598	WASHER – SAE FLAT 13/32 I.D. X 13/16 IN. O.D. ZP		
J	30853	BOLT – RHSN TFL 3/8-16 X 1.75 GR5-AA1J		
K	18590	NUT – HEX 3/8-16 UNC GR 5 ZP		
L	21485	BOLT – RHSN 3/8 NC X 2.25 LG GR 5 ZP		
M	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
N	20055	BOLT – HH 3/8 NC X 2.25 LG GR 5 ZP		
P	118029	WASHER – FLAT		
Q	18654	NUT – HEX 7/16-14 UNC GR 5 ZP		
R	18664	NUT – HEX JAM 3/8-16 UNC GR 5 ZP		
S	21561	BOLT – HH 3/8 NC X 1.5 LG GR 5 ZP		
T	21592	BOLT – HH 3/8 NC X 3.5 LG GR 5 ZP		
U	21489	BOLT – RHSN 1/2 NC X 2.5 LG GR 5 ZP		
V	19906	BOLT – HEX HD 3/8 NC X 4.5 TFL GR 5 ZP		
W	18637	WASHER – LOCK		
X	30655	WASHER – HARD ASTM F436 M10-340 HV-AB2C		

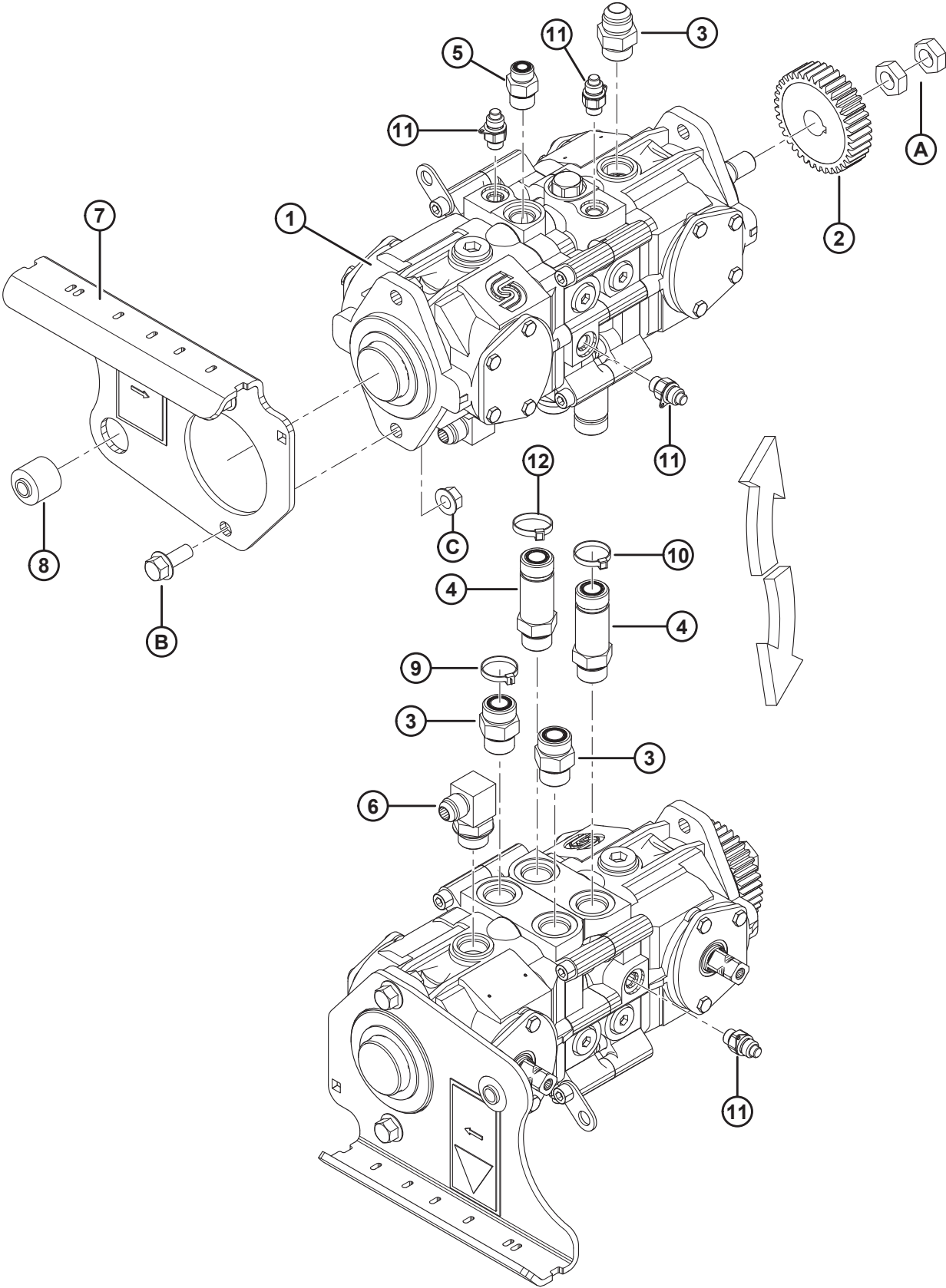
49 Engine Gearbox



ENGINE GEARBOX

Ref	Part Number	Description	Qty	Serial Number
1	111511	COUPLING – BELL HOUSING	1	
2	111677	COUPLING – SPLINE	1	
3	111521	RING – RETAINING	2	
4	183956	GEAR – CENTER (56T)	1	
5	111665	BEARING – ROLLER	1	
6	38854	RING – INT RETAINING	1	
7	167910	DEFLECTOR – OIL	1	
8	30045	O-RING – 101.27 MM ID X 2.62 MM	1	
9	111546	O-RING – 4.88 IN. ID X Ø0.118	1	
10	111772	PLUG – MAGNETIC (3/4 NPT)	1	
11	167733	COVER – BELL HOUSING	1	
12	5744	FITTING – CLOSE NIPPLE 1/2 NPT	1	
13	30346	FITTING – COUPLING 1/2 NPT	1	
14	209374	PLUG – BREATHER, RIVETED	1	
15	136558	PLUG – HEX HEAD PIPE	1	
16	5745	FITTING – REDUCER BUSHING	1	
A	1246	WASHER – FLAT		
B	111528	BOLT – HH M16 X 2.0 X 40		
C	20077	BOLT – HEX HD 3/8 NC X 1.0 LG GR 5 ZP		
D	30632	WASHER – LOCK SPRING M10 ZP		
E	135460	BOLT – HH 1/2 NC X 1.5 LG L9 ZP		
G	135369	WASHER – HARDENED		
H	18637	WASHER – REG. LOCK 3/8 IN. NOM. I.D ZP		
J	18639	WASHER – REG. LOCK 5/8 IN. NOM. I.D ZP		
K	30682	BOLT – HEX HD M10 X 1.5 X 90 LG ZP		
L	136027	WASHER – HARDENED		
M	135304	BOLT – HH M10 X 1.5 X 130 LG ZP		
N	136108	SCREW – HEX SOC HD M10 X 1.5 X 80-12.9-BO		
P	NSS	BOLT – HEX HD 0.375-16 UNC X 0.75 BLK		

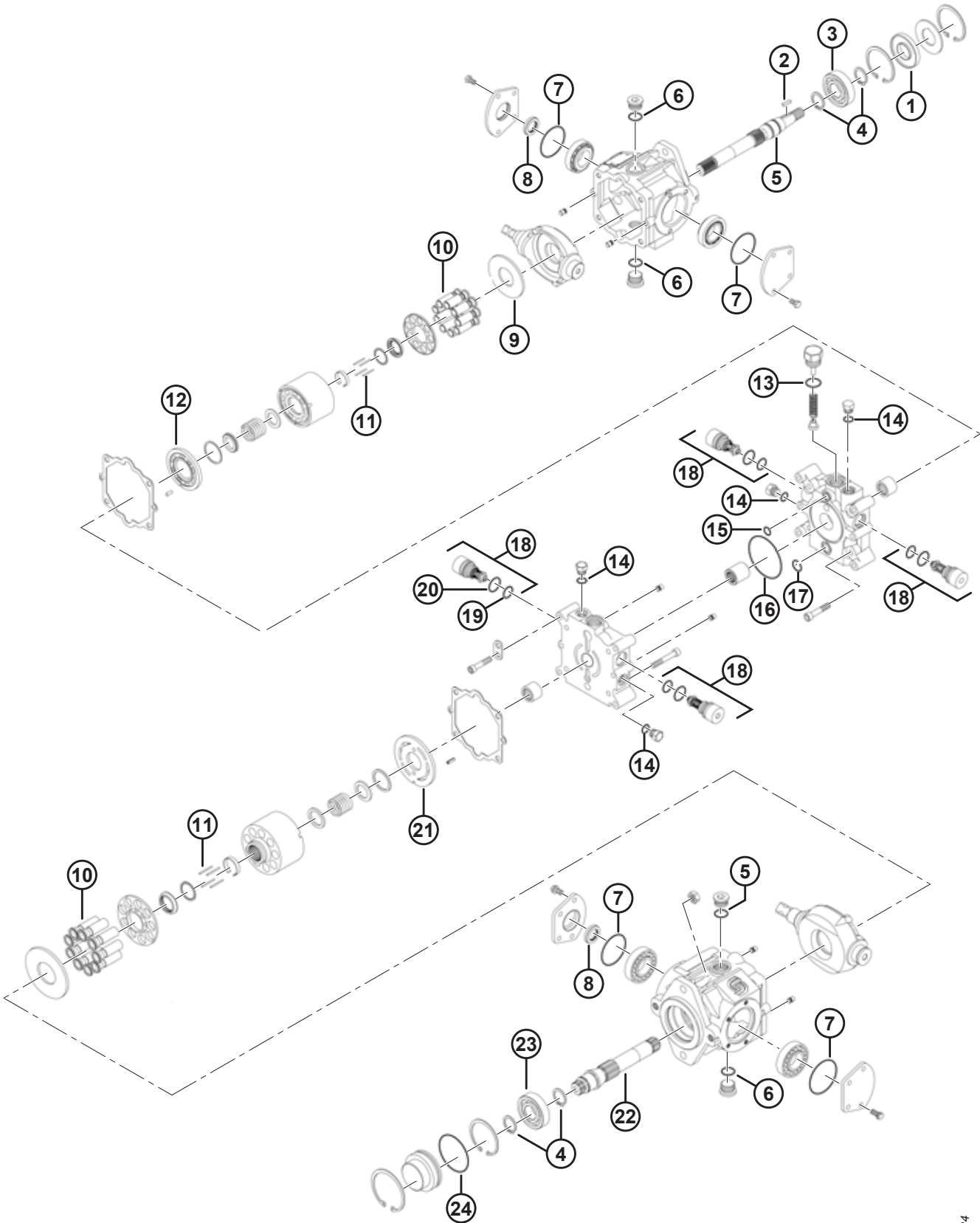
50 Traction Drive Pump



TRACTION DRIVE PUMP

Ref	Part Number	Description	Qty	Serial Number
1	205873	PUMP – TRACTION DRIVE (LOW-HIGH HP)	1	
2	183955	GEAR – PUMP (37T)	1	
3	135788	FITTING – CONNECTOR HYD	3	
	30971	O-RING – #12 ORB		
	135868	O-RING – #12 ORFS		
4	183174	FITTING – CONN. HYD LONG	2	
	30971	O-RING – #12 ORB		
	135868	O-RING – #12 ORFS		
5	184463	FITTING – ADAPTER 8 MORFS X 10 MORB	1	
6	50221	FITTING – ELBOW 90° HYD	1	
7	166426	INTERLOCK BRACKET – C/W RUBBER BUSHING AND 2 PANEL DECAL	1	
8	50040	BUSHING – RUBBER	1	
9	40701	FASTENER – CABLE TIE (YELLOW)	1	
10	40702	FASTENER – CABLE TIE (RED)	1	
11	183525	FITTING – COUPLING HYD, M16 X 2	4	
12	21763	FASTENER – CABLE TIE (BLACK)	1	
A	7674	NUT – HEX JAM 3/4-16 UNF GR 5 ZP		
B	30368	BOLT – HH FLG (SER FACE) 1/2 NC X 1.25 GR 5 ZP		
C	50186	NUT – FLG LOCK SM FACE DT 0.500-13 UNC GR 5		

51 Traction Drive Pump Repair Parts



1009024

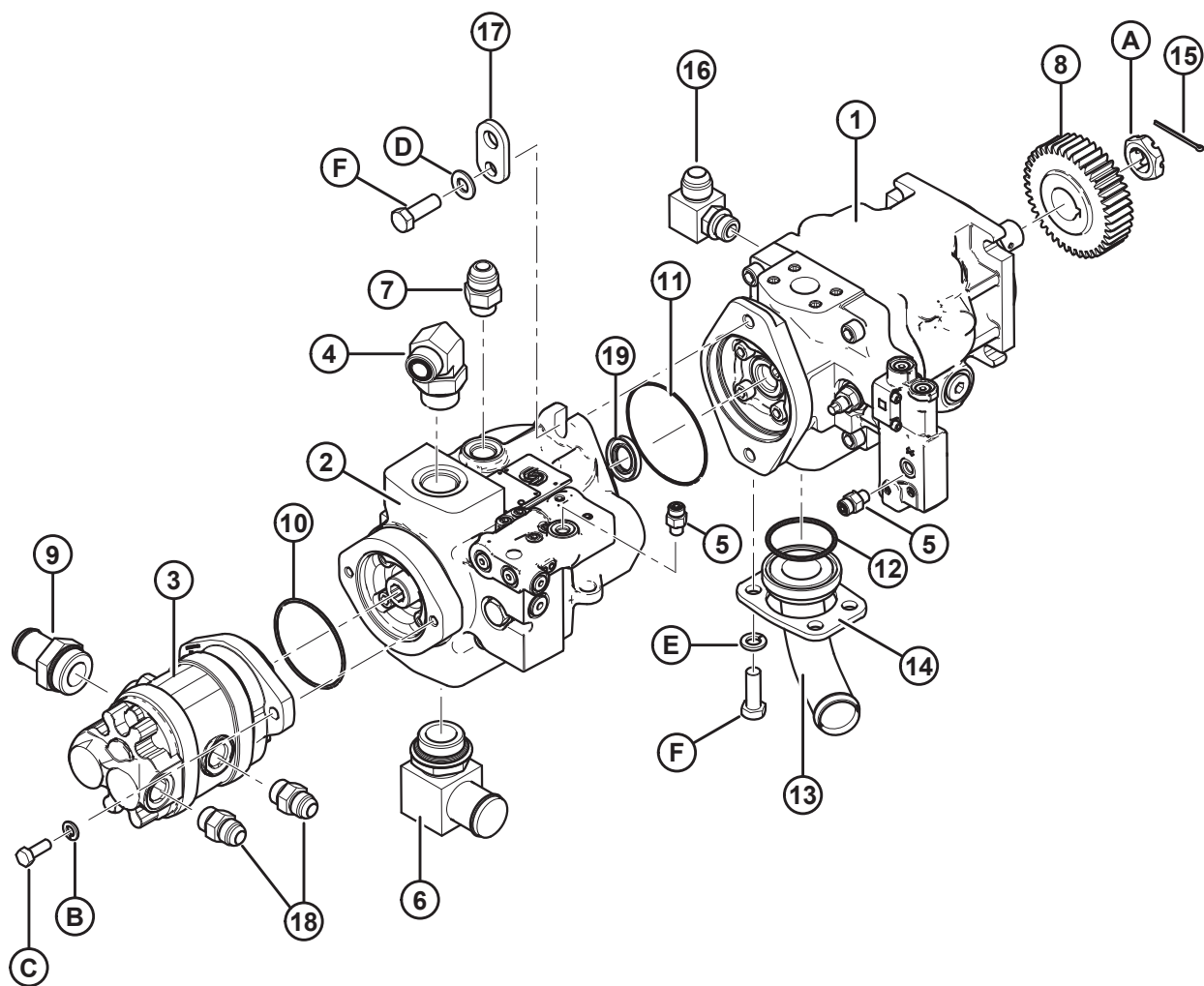
TRACTION DRIVE PUMP REPAIR PARTS

NOTE:

All parts illustrated, but not listed, are non-serviced parts, illustrated for reference only.

Ref	Part Number	Description	Qty	Serial Number
	111965	SEAL KIT – OVERHAUL	1	
1	203048	SEAL – LIP	1	
2	111895	KEY	1	
3	111896	BEARING – ROLLER	1	
4	111897	RING – RETAINING	2	
5	111898	SHAFT – FRONT	1	
6	111899	O-RING	3	
7	111900	O-RING	4	
8	111901	SEAL – LIP	2	
9	111902	PLATE – THRUST	1	
10	111903	ASSEMBLY – PISTON	9	
11	111905	PIN – SLIPPER HOLD DOWN	1	
12	111906	PLATE – FRONT VALVE LH	1	
13	111907	O-RING	1	
14	111908	O-RING	4	
15	111909	O-RING	1	
16	111910	O-RING	1	
17	111911	O-RING	1	
18	306528	VALVE – SCR 385 BAR/5580 PSI	1	
19	111913	O-RING	1	
20	111914	O-RING	1	
21	111915	PLATE – REAR VALVE RH	1	
22	111916	SHAFT – REAR	1	
23	49734	BEARING – BALL	1	
24	111919	O-RING	1	

52 Header Drive Pump

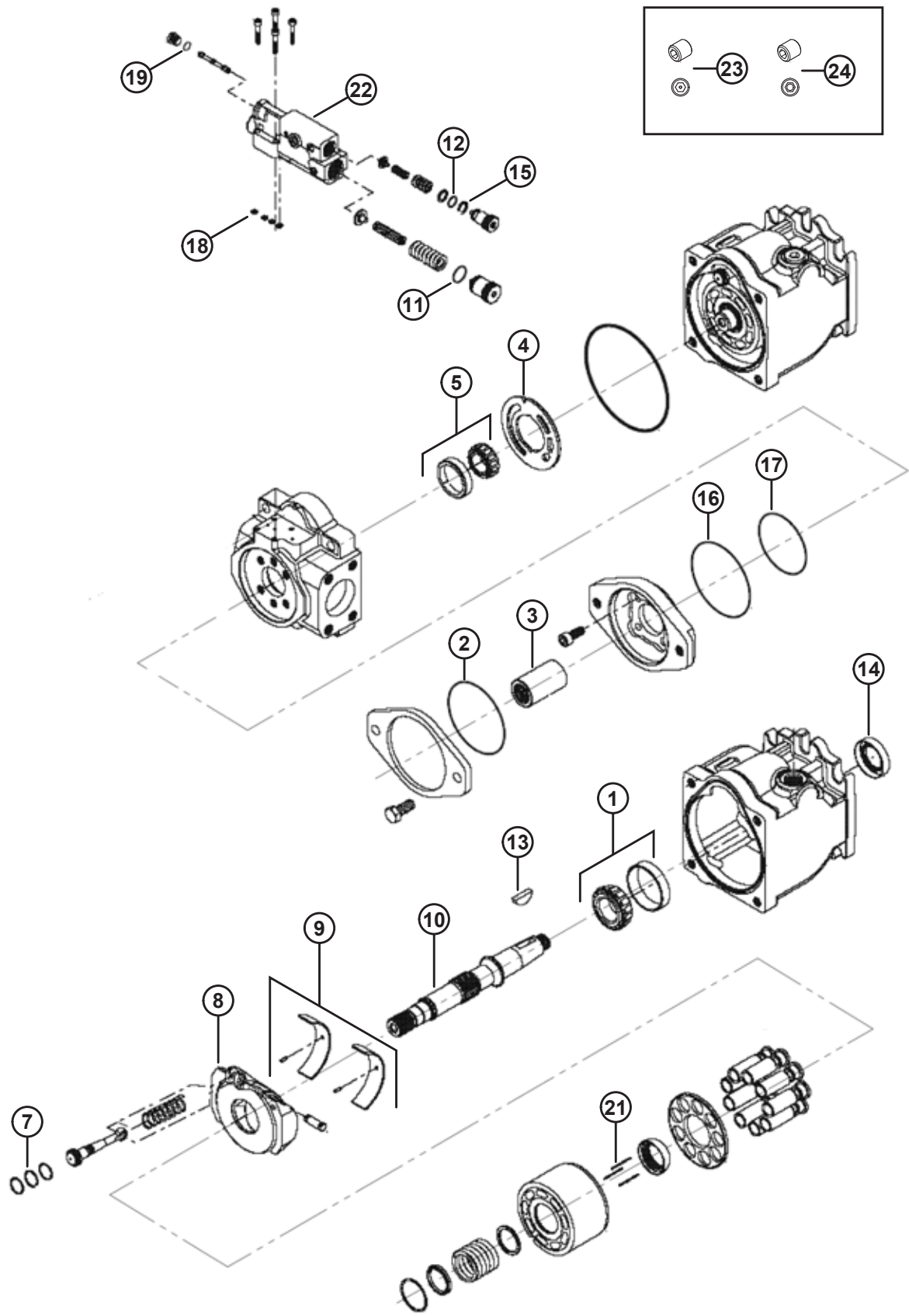


1038210

HEADER DRIVE PUMP

Ref	Part Number	Description	Qty	Serial Number
1	162169	PUMP – KNIFE DRIVE (PHASE 2)	1	
2	110980	PUMP – REEL AND CONVEYOR	1	
3	111727	PUMP – TANDEM GEARLIFT (SUPERCHARGE)	1	
	111988	SEAL KIT – DOUBLE PUMP		
	111989	SCREW – CAP		
4	135901	FITTING – ELBOW 90° HYD	1	
	50220	O-RING – OUTER, #20 ORB		
	135868	O-RING – INNER, #20 ORFS		
5	135775	FITTING – ADAPTER	2	
	50223	O-RING – #4 ORB		
	135957	O-RING – #4 ORFS		
6	111545	FITTING – ELBOW 1.5 IN. HOSE-1.875 IN. ADJ ORB	1	
7	30610	FITTING – CONNECTOR HYD	1	
8	183957	GEAR – HDR PUMP (41T)	1	
9	112854	FITTING – ADAPTER 1.25 IN. HOSE-1.25 IN. ORB	1	
10	49802	O-RING – 82.22 MM ID X 2.62 MM	1	
11	134056	O-RING – 96 MM ID X 1.78 MM	1	
12	112867	O-RING – 56.1 MM ID X 3.53 MM	1	
13	112853	ELBOW – 1.5 IN. HOSE	1	
14	156085	PLATE	1	
15	21006	PIN – COTTER 1/8 DIA X 2.0 ZP	1	
16	30609	FITTING – ELBOW HYD	1	
17	162104	SUPPORT – PUMP LIFT	1	
18	30695	FITTING – CONNECTOR HYD	2	
19	111920	SEAL – LIP	1	
A	137375	NUT – SLOTTED JAM 1.0 IN-20 UNEF-ZN PL		
B	18637	WASHER – REG. LOCK 3/8 IN. NOM. I.D. ZP		
C	20077	BOLT – HEX HD 3/8 NC X 1.0 LG GR 5 ZP		
D	135369	WASHER – HARDENED		
E	18638	WASHER – REG. LOCK 1/2 IN. NOM. I.D. ZP		
F	18723	BOLT – HH 1/2 NC X 1.5 LG TFL GR 5 ZP		

53 Knife Drive Pump



1017919

KNIFE DRIVE PUMP

NOTE:

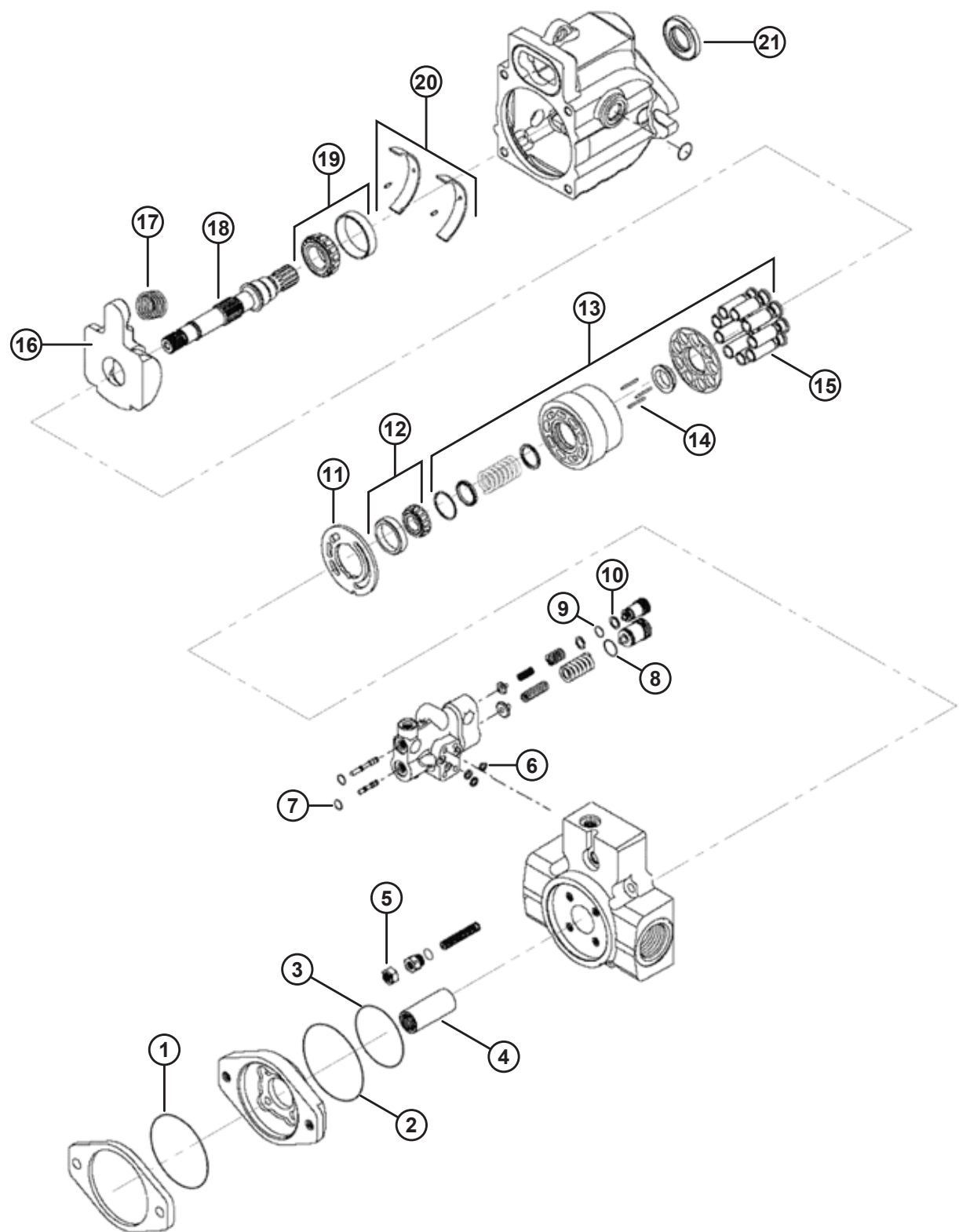
All parts illustrated, but not listed, are non-serviced parts, illustrated for reference only.

Ref	Part Number	Description	Qty	Serial Number
	162169	PUMP – KNIFE DRIVE (PHASE 2)	1	
	111968	SEAL KIT	1	
1	111969	KIT – FRONT BEARING	1	
2	134056	O-RING – 96 MM ID X 1.78 MM	1	
3	208757	COUPLING – SHAFT	1	
4	162300	PLATE – VALVE LH	1	
5	111950	KIT – REAR BEARING	1	
7	162302	RING – PISTON	3	
8	162299	ASSEMBLY – SWASHPLATE	1	
9	162301	KIT – SWASHPLATE BEARING	1	
10	111945	SHAFT – TAPERED	1	
11	111933	O-RING	1	
12	111932	O-RING	1	
13	111942	KEY	1	
14	111941	SEAL – LIP	1	
15	111931	RING – BACK UP	2	
16	111939	O-RING	1	
17	111938	O-RING	1	
18	111935	SEAL – RING	4	
19	111934	O-RING	1	
21	111927	PIN – SPLITTER HOLD DOWN	3	
22	166303	KIT – CONTROL VALVE ⁹⁸	1	
23	183581	RESTRICTOR – 0.8 MM, M6 X 6 ⁹⁹	A/R	
24	183583	PLUG – ORIFICE BACKING ⁹⁹	A/R	

98. Includes the following internal components: O-rings (MD #111932, 111933), two back up rings (MD #111931), four seal rings (MD #111935), and LS adjusting plug (not sold separately). Refer to Service Bulletin SB 1514 for installation instructions.

99. Restrictor (MD #183581) is used in conjunction with plug (MD #183583) on knife drive pump (MD #162169) to remedy knife drive surging under certain loading conditions. Refer to Service Bulletin SB 1514 for instructions.

54 Reel and Conveyor Pump



REEL AND CONVEYOR PUMP

NOTE:

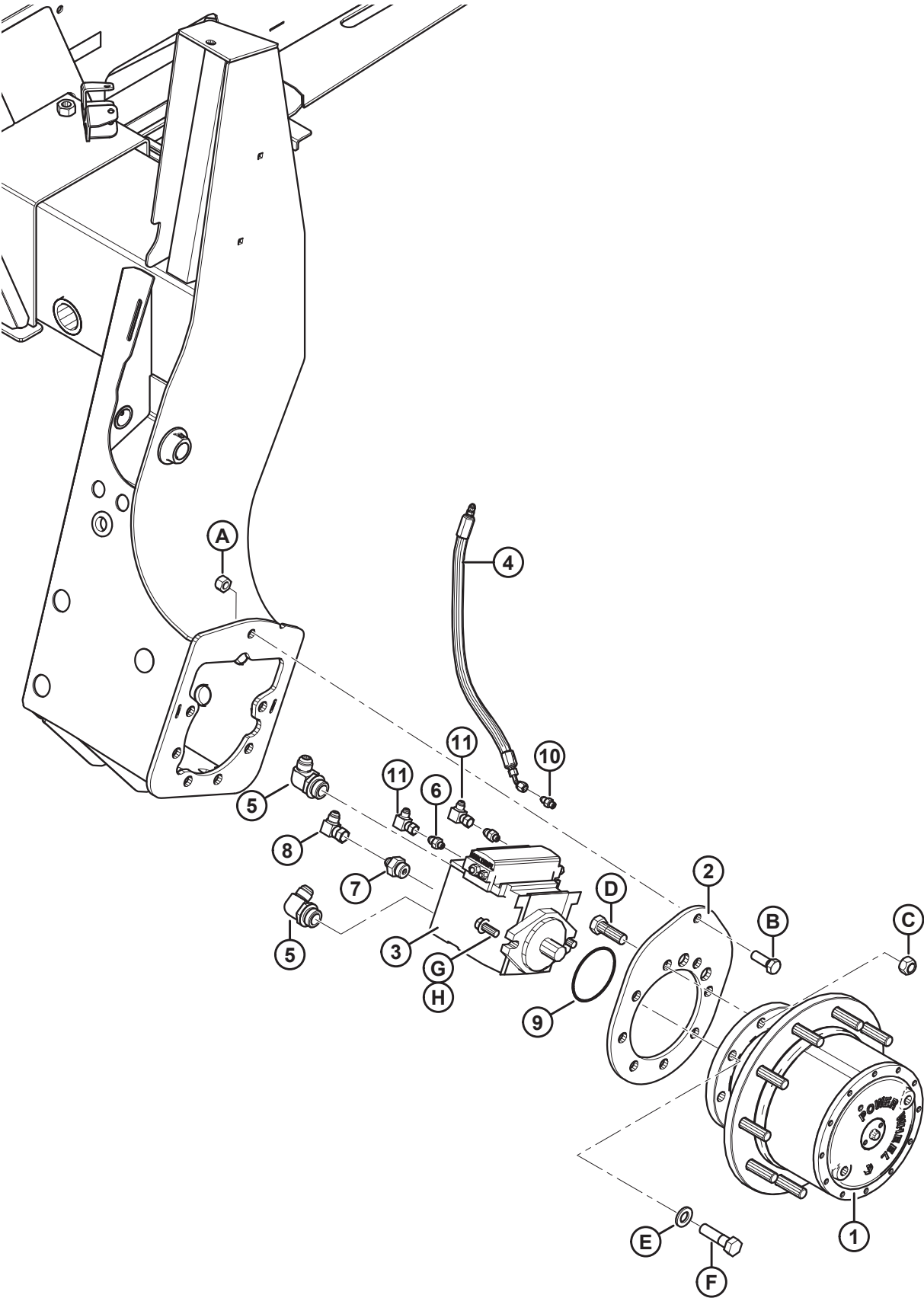
All parts illustrated, but not listed, are non-serviced parts, illustrated for reference only.

Ref	Part Number	Description	Qty	Serial Number
	110980	PUMP – REEL AND CONVEYOR	1	
	187900	SEAL KIT – PISTON PUMP	1	
1	111940	PAD – SEAL	1	
2	111939	O-RING	1	
3	111938	O-RING	1	
4	111937	COUPLING	1	
5	111936	NUT – SEAL, 1/2-20 UNF ¹⁰⁰	1	
	183602	NUT – SEAL, M12 X 1.75 ¹⁰¹	1	
6	111935	SEAL – RING	4	
7	111934	O-RING	1	
8	111933	O-RING	1	
9	111932	O-RING	1	
10	111931	RING – BACK UP	2	
11	111930	PLATE – VALVE	1	
12	111929	KIT – REAR BEARING	1	
13	111928	KIT – CYLINDER BLOCK	1	
14	111927	PIN – SLIPPER HOLD DOWN	3	
15	111926	ASSEMBLY – PISTON	9	
16	111925	PLATE – SWASH	1	
17	111924	SPRING – BIAS	1	
18	111923	SHAFT	1	
19	111922	KIT – FRONT BEARING	1	
20	111921	KIT – SWASHPLATE BEARING	1	
21	111920	SEAL – LIP	1	

100. Use nut (MD #111936) only to service pumps (MD #110980) with serial numbers prior to S-10-09-XXXX. To service pumps with serial numbers S-10-09-XXXX and later, use nut (MD #183602).

101. Use nut (MD #183602) only to service pumps (MD #110980) with serial numbers S-10-09-XXXX and later. To service pumps with serial numbers prior to S-10-09-XXXX, use nut (MD #111936).

55 Wheel Drive Assembly



1008728

WHEEL DRIVE ASSEMBLY

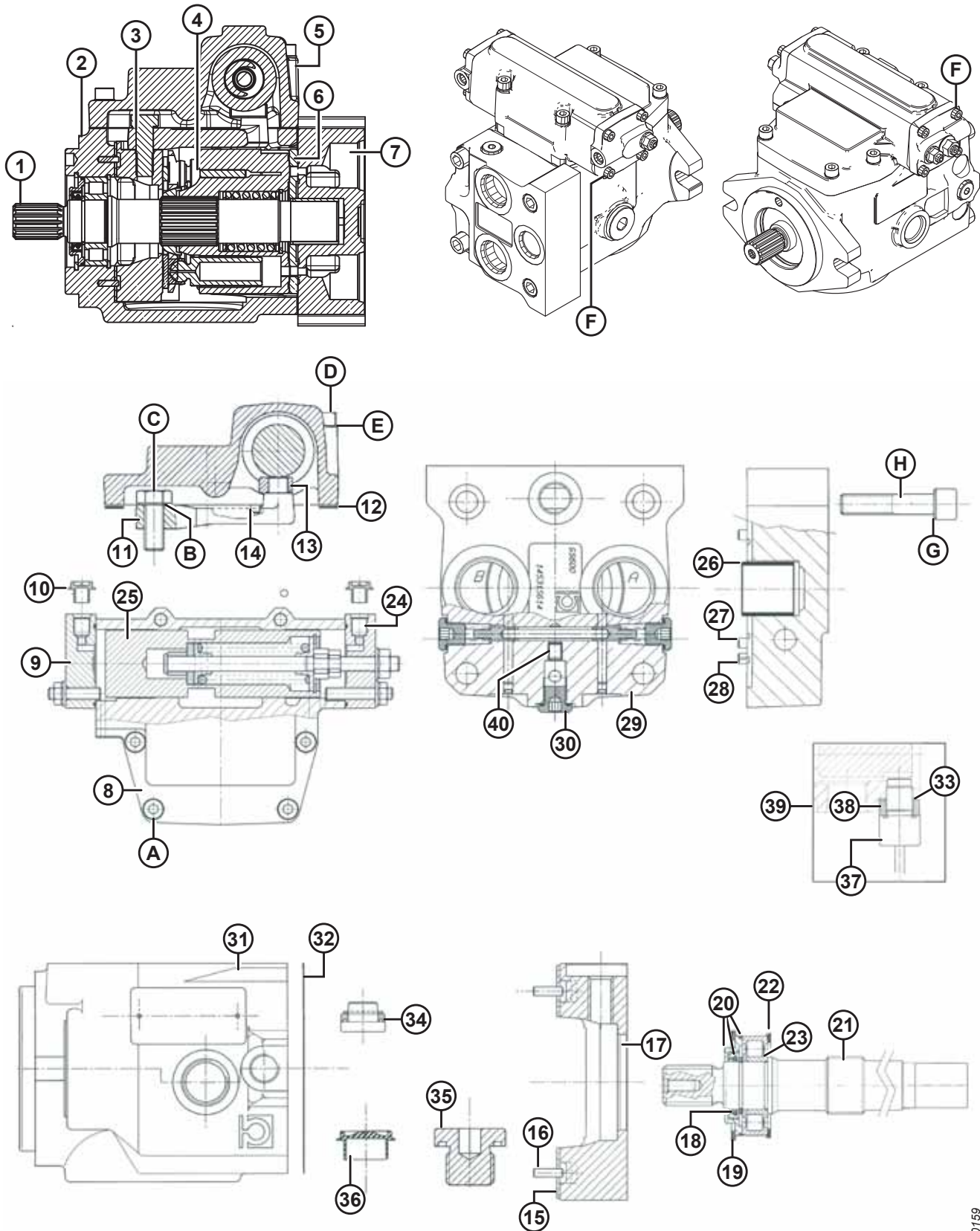
Ref	Part Number	Description	Qty	Serial Number
1	204942	DRIVE – AUBURN POWER WHEEL 30.5:1 (10 BOLT) ¹⁰²	2	
	204474	DRIVE – AUBURN POWER WHEEL 30.5:1 (8 BOLT) ¹⁰³	2	
	111579	DRIVE – WHEEL, BONFIGLIOLI, MID-HIGH HP (8 BOLT) ¹⁰⁴	2	
2	111266	PLATE – WHEEL DRIVE	2	
3	183715	MOTOR – WHEEL DRIVE, 3 SPD	2	
4	111693	HOSE – HYD, 1/4 IN. I.D., 340 MM LG, METAL REIN.	2	
5	135901	FITTING – ELBOW HYD	4	
6	100790	FITTING – ADAPTER HYD	4	
7	30939	FITTING – ADAPTER HYD	2	
8	30314	FITTING – ELBOW 90° HYD	2	
9	30045	O-RING – 101.27 MM I.D. X 2.62 MM	2	
10	112184	FITTING – ADAPTER HYD	2	
11	106717	FITTING – ELBOW 90° HYD	4	
A	18666	NUT – HEX LOCK DT 5/8-11 UNC ZP		
B	21582	BOLT – HH 5/8 NC X 1.75 LG GR 5 ZP		
C	18689	NUT – HEX LOCK DT .750-10 UNC		
D	136016	BOLT – HH 3/4 NC X 2.25 LG GR 5 ZP		
E	112130	WASHER – HARDENED		
F	112128	BOLT – HEX HD .750-1L UNF X 2.75		
G	30368	BOLT – HH FLG (SER FACE) 1/2 NC X 1.25 GR 5 ZP (BONFIGLIOLI WHEEL DRIVE)		
	135564	BOLT – HH FLG 1/2 NC X 2.00 GR 8 ZP (AUBURN GEAR WHEEL DRIVE)		
H	136027	WASHER – FLAT, HRND (AUBURN GEAR WHEEL DRIVE)		

102. For repair parts, refer to Section *59 Wheel Drive – Auburn Gear (10 Bolt) – 2015 and Later, page 147.*

103. For repair parts, refer to Section *58 Wheel Drive – Auburn Gear (8 Bolt) – 2014 and Prior, page 143.*

104. For repair parts, refer to Section *57 Wheel Drive – Bonfiglioli (8 Bolt) – 2014 and Prior, page 139.*

56 Wheel Drive Motor Repair Parts



1030159

WHEEL DRIVE MOTOR REPAIR PARTS

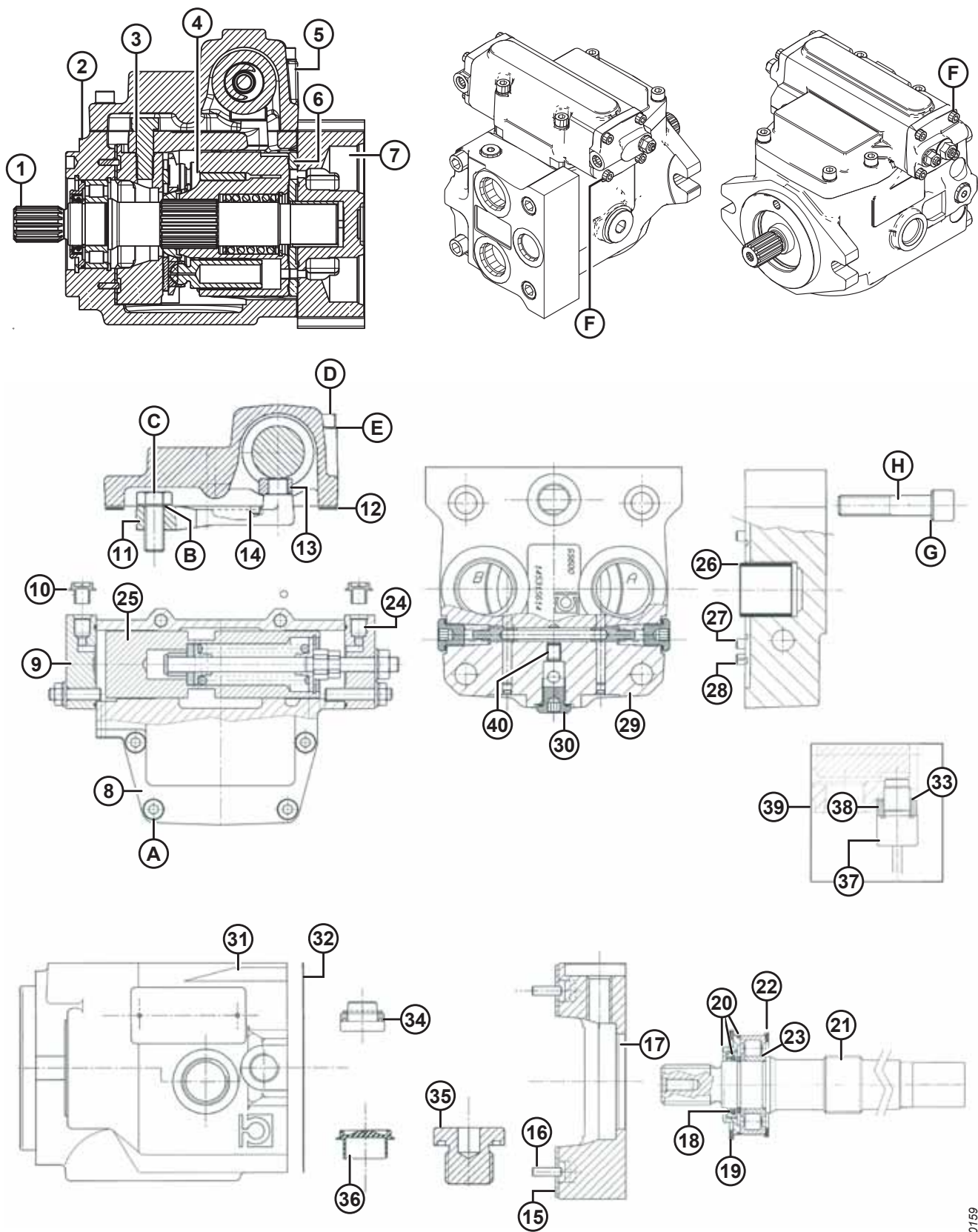
Ref	Part Number	Description	Qty	Serial Number
	183715	MOTOR – WHEEL DRIVE, 3 SPD	2	
	166305	SENDER – SPEED, LH	1	
	163218	SPACER – THREADED ADAPTER FOR SPEED SENSOR, LH	1	
	163215	O-RING – 1.78 X 21.95 70 SH 2-020, LH	1	
1	163196	KIT – SHAFT AND BEARING 15T 16/32 IN. DP, HIGH SPEED, VITON	1	
2	163197	KIT – HOUSING, FOR BRONZE BUSHING AND SPEED SENSOR	1	
3	163199	KIT – SUSPENDED CAM PLATE AND BRONZE BUSHINGS	1	
4	163200	KIT – ROTATING GROUP C/W 9 NOTCHES, HIGH SPEED, M4MV65	1	
5	183377	KIT – SERVO CONTROL, 3 SPD	1	
6	183627	PLATE – VALVE, BI-METALLIC	1	
7	183718	KIT – DISTRIBUTOR, REAR PORTS	1	
8	NSS	HOUSING – SERVO CONTROL	1	
9	162429	KIT – SERVO END PLATE, M8 THREAD, 7/16 IN.-20 PORT ¹⁰⁵	1	
10	NSS	PLUG – PLASTIC SHIPPING, 7/16 IN. UNF	1	
11	163230	LEVER – SERVO CONTROL	1	
12	163234	GASKET – SERVO CONTROL	1	
13	163237	PLATE – SLIDE, SERVO PISTON	1	
14	NSS	PIN – 6 X 10 H8 UNI 1707	2	
15	163220	BUSHING – BRONZE, VL22	2	
16	163221	PIN – 4 X 14 H8 UNI 1707	2	
17	NSS	PLATE – CAM, SUSPENDED BRONZE BUSHING TYPE	1	
18	163206	RING – SNAP EXT. DIA. 30 X 2 UNI 7436	1	
19	163208	RING – SNAP INT. DIA. 65 UNI 7437	1	
20	163622	SEAL KIT ¹⁰⁶	1	
21	163196	KIT – SHAFT AND BEARING 15T 16/32 IN. DP, HIGH SPEED, VITON	1	
22	163211	RING – SNAP INT. DIA. 62 UNI 7437	1	
23	163212	BEARING – ROLLER, NUP 206 ECP 30 X 62 X 16	1	
24	162428	KIT – SERVO, END CAP, 3 SPD	1	
25	162403	KIT – SERVO, PISTON, 3 SPD	1	
26	163224	BUSHING – BRONZE, DISTRIBUTOR, 28 X 30	1	
27	163225	PIN – 6 X 10 H8 UNI 6874	2	
28	NSS	PIN – ELASTIC, 6 X 10 UNI 6874	1	
29	NSS	HOUSING – DISTRIBUTOR	1	
30	163227	KIT – EXCHANGE VALVE ASSEMBLY (INCLUDES PLUG)	1	
	135931	PLUG – BSPP, 1/4 IN. HOLLOW HEX	3	
31	NSS	HOUSING	1	
32	163214	GASKET – DISTRIBUTOR	1	
33	163215	O-RING – 1.78 X 21.95 70 SH 2-020	1	
34	306171	PLUG – SPEED SENSOR PORT C/W SEAL ¹⁰⁷	1	
35	163217	PLUG – SEALED 1-1/16 IN.-12 UN COUNTERSUNK (RH ONLY)	1	

105. Kit includes servo end plate, O-ring, bolts, screw, and nut.

106. Includes O-ring, shaft seal, and shaft seal support.

107. Includes M18 sealing washer.

WHEEL DRIVE MOTOR REPAIR PARTS



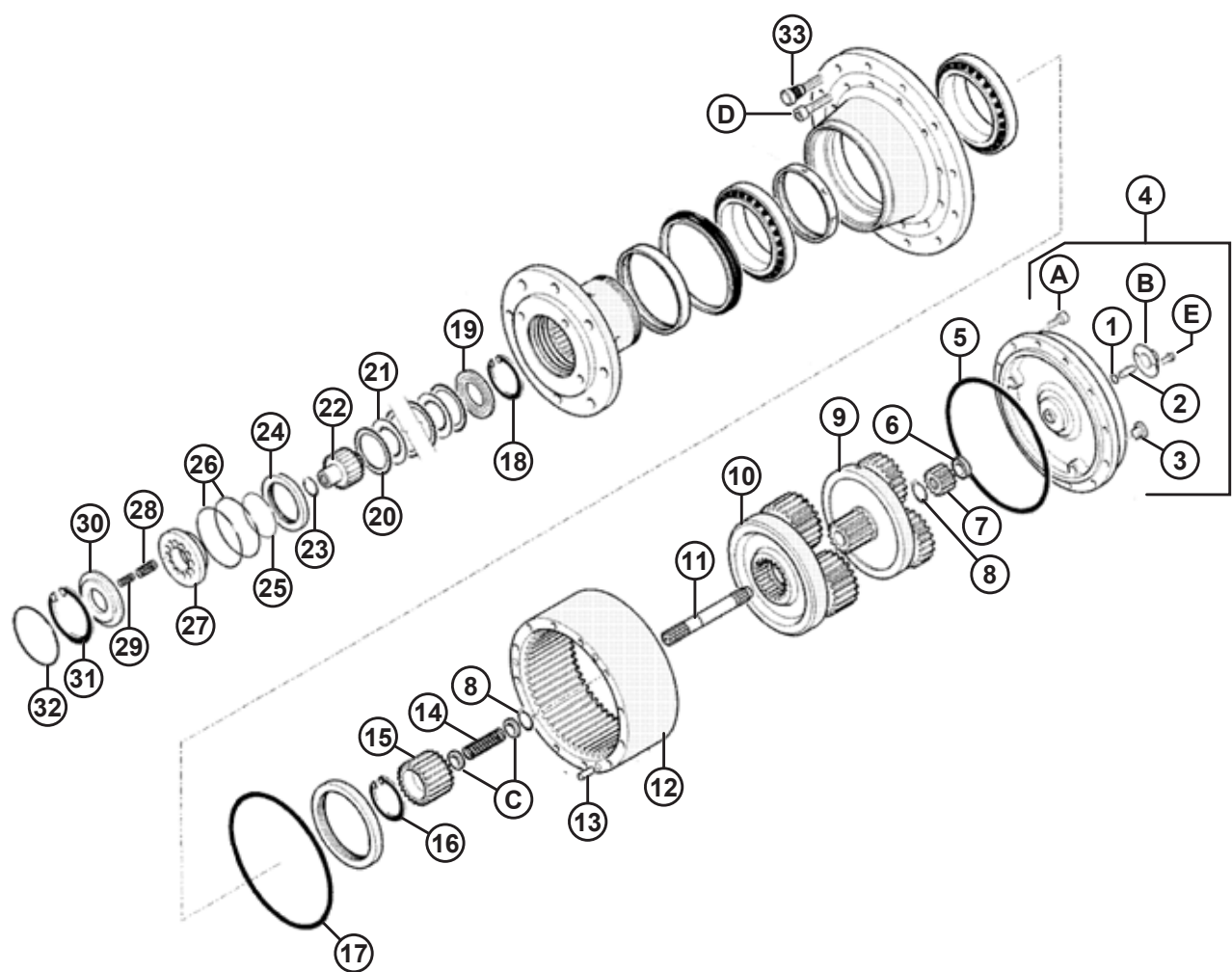
1030159

WHEEL DRIVE MOTOR REPAIR PARTS

Ref	Part Number	Description	Qty	Serial Number
36	NSS	PLUG – PLASTIC SHIPPING, 1-1/16 IN. 12 UN	1	
37	166305	SENDER – SPEED (LH ONLY)	1	
38	163218	SPACER – THREADED, SPEED SENSOR	1	
39	163198	KIT – SPEED SENSOR AND SPACER ¹⁰⁸	1	
40	183675	RESTRICTOR – ORIFICE, 1.7 MM	1	
A	163228	SCREW – CAP, INT. SOCKET HEAD, M8 X 30 UNI 5931		
B	NSS	WASHER – LOCK, RIB-SPRING, 12MM		
C	163231	SCREW – CAP, HEX HEAD, M12 X 35 UNI 5737		
D	163232	SCREW – CAP, INT. SOCKET HEAD, M8 X 60 UNI 5931		
E	163233	WASHER – LOCK, RIB-SPRING, 8MM		
F	136652	SCREW – HEX SKT HD M6 X 1.00 X 20-12.9-A2L		
G	163222	WASHER – LOCK RIB SPRING 12 MM		
H	163223	SCREW – CAP INT. SOCKET HEAD, M12 X 60 UNI 5931		

108. Includes O-ring (MD #163215), speed sender (MD #166305), and spacer (MD #163218).

57 Wheel Drive – Bonfiglioli (8 Bolt) – 2014 and Prior



WHEEL DRIVE – BONFIGLIOLI (8 BOLT) – 2014 AND PRIOR

NOTE:

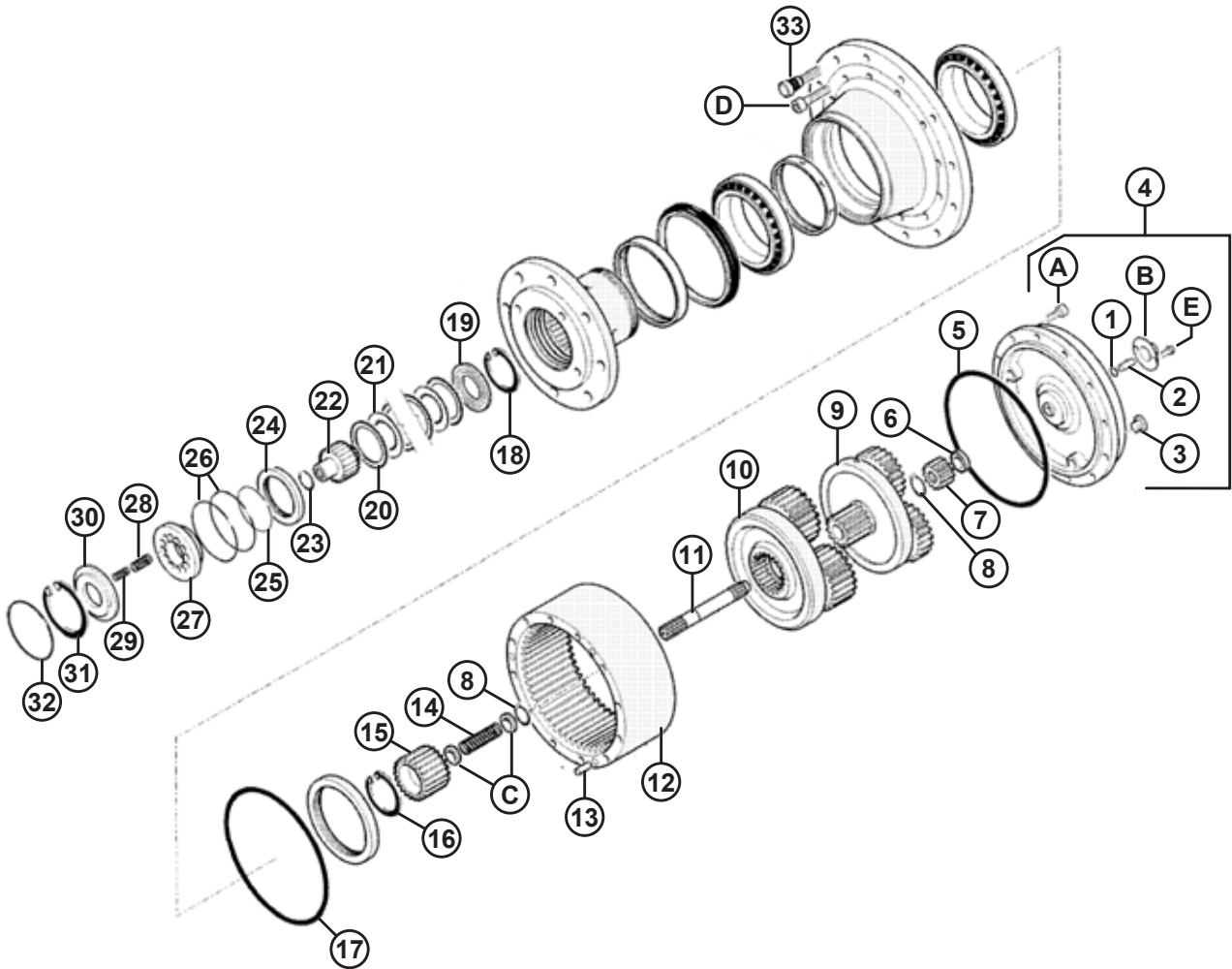
Quantities listed are per drive assembly.

NOTE:

Identify the proper manufacturer and bolt configuration for your particular wheel drive. For other wheel drive options, refer to Section *58 Wheel Drive – Auburn Gear (8 Bolt) – 2014 and Prior, page 143* or Section *59 Wheel Drive – Auburn Gear (10 Bolt) – 2015 and Later, page 147*.

Ref	Part Number	Description	Qty	Serial Number
	111579	DRIVE – WHEEL, BONFIGLIOLI, MID-HIGH HP (8 BOLT)		–266819
1	111858	O-RING – 2.62 X 12.37	1	–266819
2	111859	PIN – 12 MM, 40 MM	1	–266819
3	111862	PLUG – MAGNETIC	2	–266819
4	111863	ASSEMBLY – COVER	1	–266819
5	111864	O-RING	1	–266819
6	111865	PAD	1	–266819
7	111866	GEAR – SUN	1	–266819
8	111867	RING – ELASTIC	2	–266819
9	111868	REDUCER ASSEMBLY – 1ST	1	–266819
10	111869	REDUCER ASSEMBLY – 2ND	1	–266819
11	111870	SHAFT – SPLINED	1	–266819
12	111871	RING – TOOTHED	1	–266819
13	111872	PIN – Ø12 X 40	3	–266819
14	111874	SPRING	1	–266819
15	111875	COUPLING	1	–266819
16	111876	RING	1	–266819
17	111878	O-RING	1	–266819
18	111879	RING	2	–266819
19	111880	DISC	1	–266819
20	111881	DISC – STEEL	8	–266819
21	111882	DISC – SINTERED	7	–266819
22	111883	SHAFT – BRAKE	1	–266819
23	111884	RING	1	–266819
24	111885	SPACER	1	–266819
25	111886	O-RING – 2.62 X 69.52	1	–266819
26	111887	O-RING – 2.62 X 94.92	2	–266819
27	111888	PISTON – BRAKE	1	–266819
28	111889	SPRING	12	–266819
29	111890	SPRING	12	–266819
30	111891	RETAINER – SPRING	1	–266819
31	111892	RING	1	–266819
32	111893	O-RING – 2.62 X 101.27	1	–266819
33	162056	STUD – 5/8 UNF H55 D16	8	–266819
A	111857	SCREW – MACHINE, #10-0.190 IN, 12.9 MM LG, ZN PL		
B	111860	NUT – CAP		
C	111873	WASHER		

WHEEL DRIVE – BONFIGLIOLI (8 BOLT) – 2014 AND PRIOR

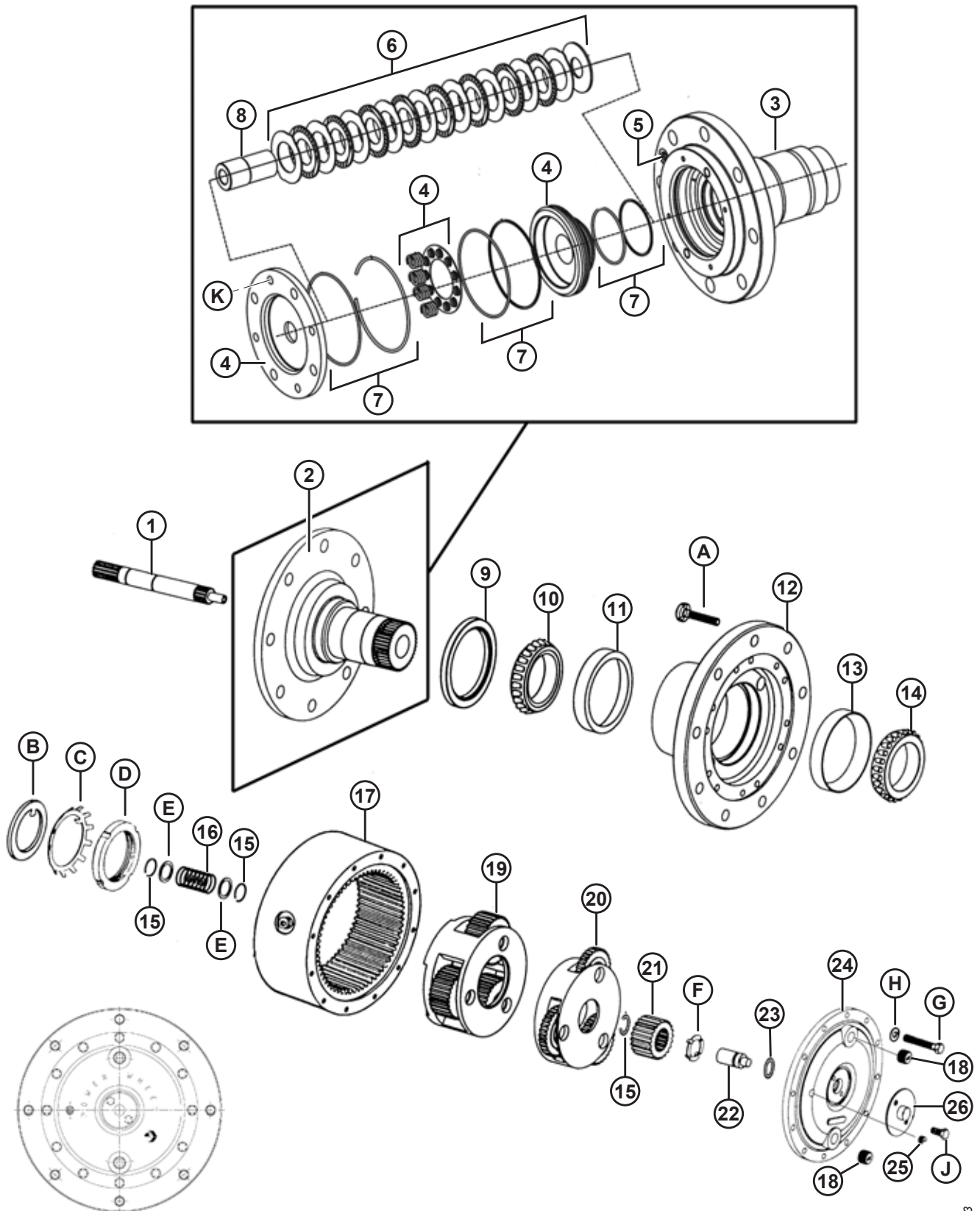


1004949

WHEEL DRIVE – BONFIGLIOLI (8 BOLT) – 2014 AND PRIOR

Ref	Part Number	Description	Qty	Serial Number
D	162057	BOLT – SOCKET HEAD, 12 MM X 45 MM		
E	111099	BOLT – HEX HD 5/16 NC X 0.5 LG GR 5 ZP		

58 Wheel Drive – Auburn Gear (8 Bolt) – 2014 and Prior



1013483

WHEEL DRIVE – AUBURN GEAR (8 BOLT) – 2014 AND PRIOR

NOTE:

Quantities listed are per drive assembly.

NOTE:

Identify the proper manufacturer and bolt configuration for your particular wheel drive. For other wheel drive options, refer to Section *57 Wheel Drive – Bonfiglioli (8 Bolt) – 2014 and Prior, page 139* or Section *59 Wheel Drive – Auburn Gear (10 Bolt) – 2015 and Later, page 147*.

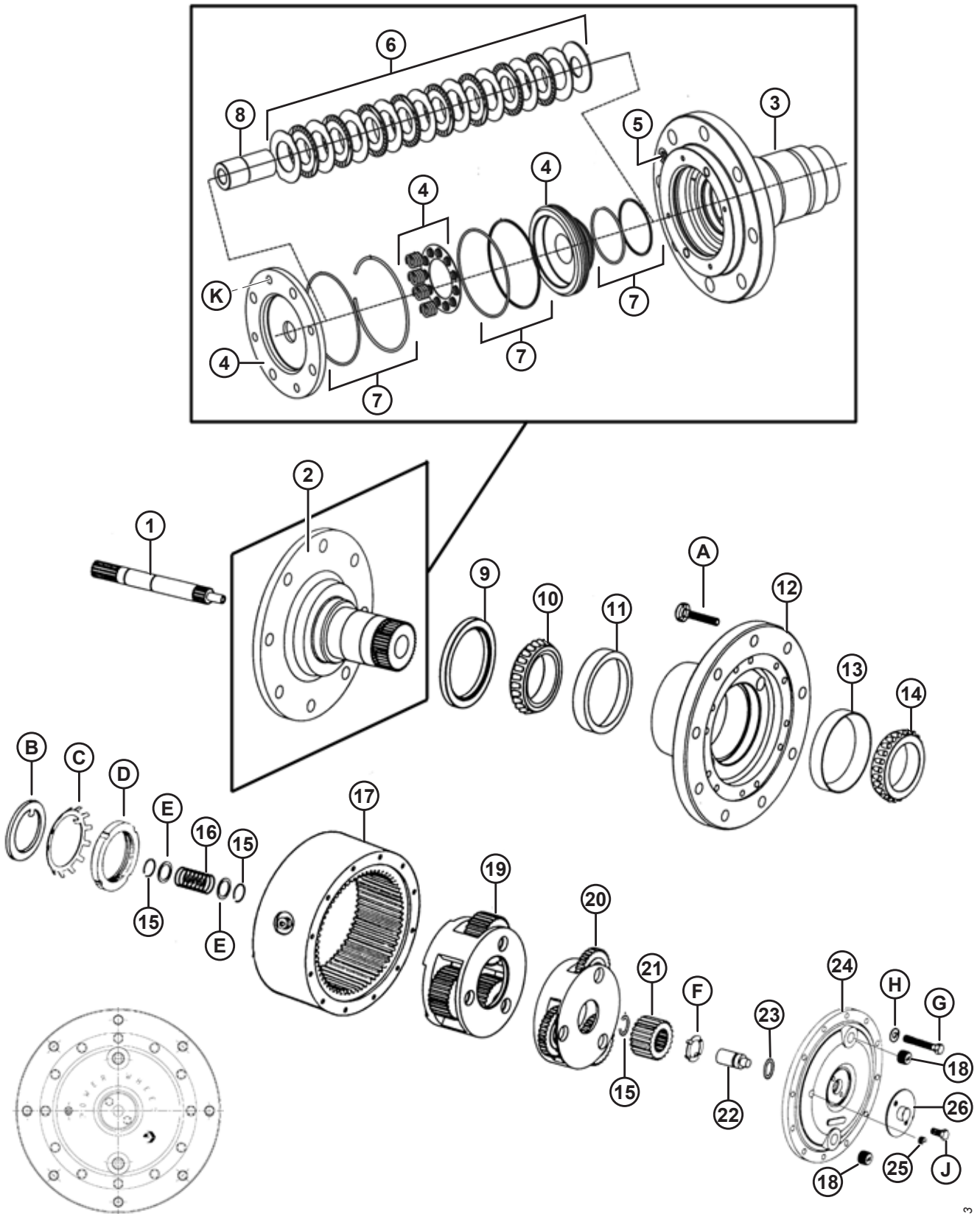
Ref	Part Number	Description	Qty	Serial Number
	204474	DRIVE – WHEEL, AUBURN POWER WHEEL 30.5:1 (8 BOLT)	2	–266819
1	163757	SHAFT – INPUT	1	–266819
2	183364	SPINDLE – DRIVE ASSEMBLY ¹⁰⁹	1	–266819
	REF	COUPLER ¹¹⁰		–266819
3	183371	SPINDLE ONLY		–266819
4	183370	KIT – PISTON/END PLATE/SPRINGS		–266819
5	183373	PLUG – PIPE		–266819
6	183365	KIT – FRICTION DISK		–266819
7	163756	SEAL KIT – POWER WHEEL BRAKE		–266819
8	163762	COUPLER – SPINDLE ASSEMBLY	1	–266819
9	163753	SEAL – OIL	1	–266819
10	163752	BEARING – CONE	1	–266819
11	163751	BEARING – CUP	1	–266819
12	163748	HUB – POWER WHEEL	1	–266819
13	163750	BEARING – CUP	1	–266819
14	163749	BEARING – CONE	1	–266819
15	49872	RING – RETAINING	3	–266819
16	49866	SPRING – DISENGAGE	1	–266819
17	163738	GEAR – RING	1	–266819
18	30203	PLUG – MAGNETIC PIPE SQ SOCKET	2	–266819
19	163744	CARRIER ASSEMBLY – SECONDARY	1	–266819
20	163737	CARRIER ASSEMBLY – PRIMARY	1	–266819
	306203	KIT – SECONDARY SUN GEAR ¹¹¹	1	–266819
21	163736	GEAR – PRIMARY	1	–266819
22	111093	PLUNGER – DISENGAGE	1	–266819
23	111105	O-RING	1	–266819
24	49874	COVER – LARGE	1	–266819
25	50231	PLUG – PIPE DRY SEAL 0.25 NPT	1	–266819
26	30205	COVER – DISENGAGE	1	–266819
A	49880	BOLT – WHEEL (PRESS-IN) 5/8 NF X 60 LG		
B	163747	WASHER – THRUST		
C	163746	WASHER – LOCK		
D	163745	NUT – BEARING		

109. Includes items #3–8.

110. Refer to spindle assembly coupler (MD #163762).

111. Includes secondary sun gear and two snap rings. Used to replace secondary sun gear on primary carrier assembly (MD #163737). Use the secondary sun gear kit for a one time repair to the primary carrier assembly. If a second rebuild is required, then replacement of the primary carrier assembly (MD #163737) is required.

WHEEL DRIVE – AUBURN GEAR (8 BOLT) – 2014 AND PRIOR

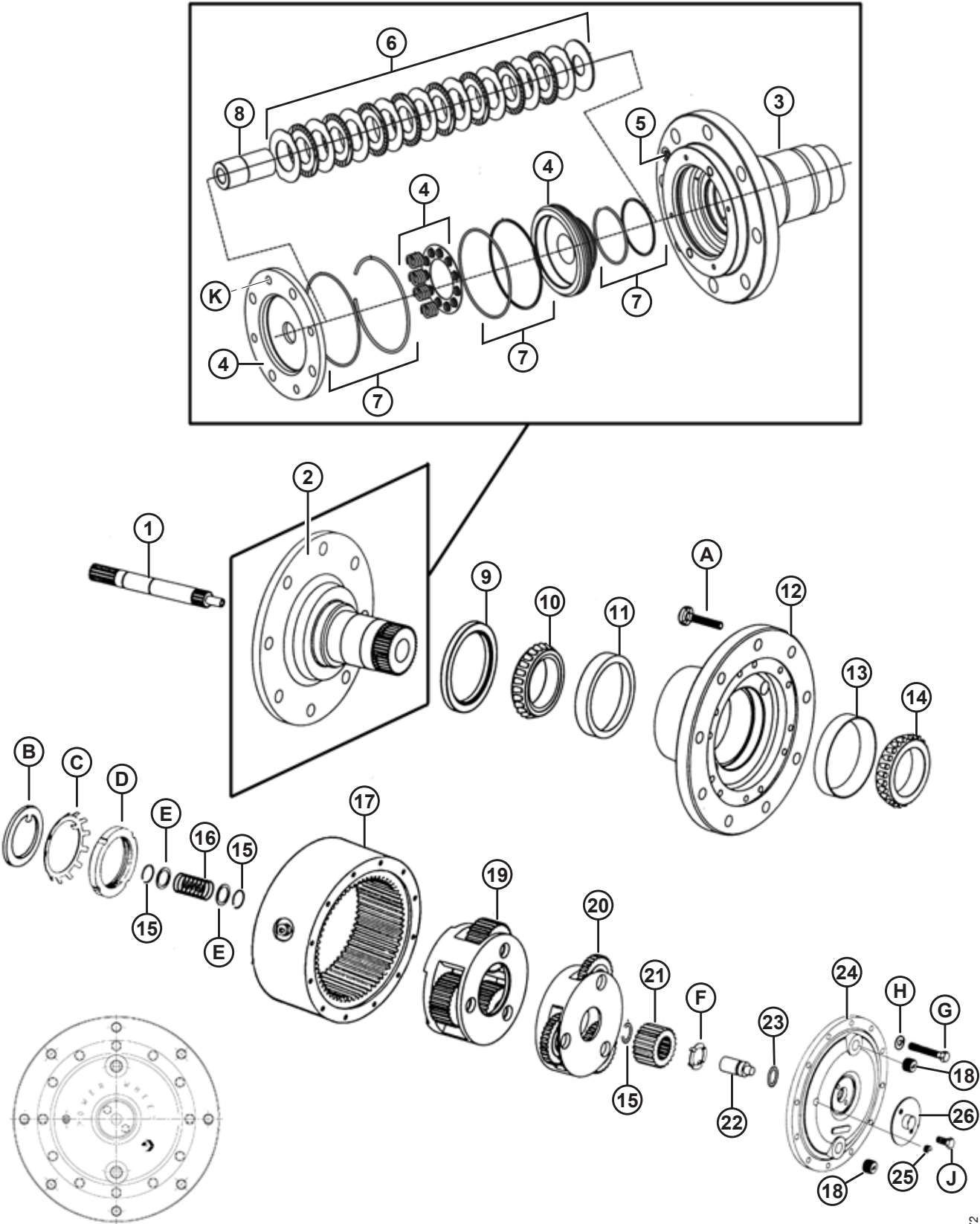


1013483

WHEEL DRIVE – AUBURN GEAR (8 BOLT) – 2014 AND PRIOR

Ref	Part Number	Description	Qty	Serial Number
E	49867	WASHER – THRUST		
F	30200	WASHER – THRUST		
G	49879	BOLT – HEX HD		
H	30191	WASHER – FLAT		
J	111099	BOLT – HEX HD 5/16 NC X 0.5 LG GR 5 ZP		
K	183374	SCREW – SKT HD CAP, END PLATE TO SPINDLE		

59 Wheel Drive – Auburn Gear (10 Bolt) – 2015 and Later



1030772

WHEEL DRIVE – AUBURN GEAR (10 BOLT) – 2015 AND LATER

NOTE:

Quantities listed are per drive assembly.

NOTE:

Identify the proper manufacturer and bolt configuration for your particular wheel drive. For other wheel drive options, refer to Section *57 Wheel Drive – Bonfiglioli (8 Bolt) – 2014 and Prior, page 139* or Section *58 Wheel Drive – Auburn Gear (8 Bolt) – 2014 and Prior, page 143*.

Ref	Part Number	Description	Qty	Serial Number
	204942	DRIVE – AUBURN POWER WHEEL 30.5:1 (10 BOLT)	2	266820–
1	163757	SHAFT – INPUT	1	266820–
2	183368	SPINDLE – DRIVE ASSEMBLY ¹¹²	1	266820–
3	183372	SPINDLE ONLY		266820–
4	183370	KIT – PISTON/END PLATE/SPRINGS		266820–
5	183373	PLUG – PIPE		266820–
6	183365	KIT – FRICTION DISK		266820–
7	163756	SEAL KIT – POWER WHEEL BRAKE		266820–
8	163762	COUPLER – SPINDLE ASSEMBLY	1	266820–
9	163753	SEAL – OIL	1	266820–
10	163752	BEARING – CONE	1	266820–
11	163751	BEARING – CUP	1	266820–
12	166694	HUB – 10 BOLT M20	1	266820–
13	163750	BEARING – CUP	1	266820–
14	163749	BEARING – CONE	1	266820–
15	49872	RING – RETAINING	3	266820–
16	49866	SPRING – DISENGAGE	1	266820–
17	163738	GEAR – RING	1	266820–
18	30203	PLUG – MAGNETIC PIPE SQ SOCKET	2	266820–
19	163744	CARRIER ASSEMBLY – SECONDARY	1	266820–
20	163737	CARRIER ASSEMBLY – PRIMARY	1	266820–
	306203	KIT – SECONDARY SUN GEAR ¹¹³	1	266820–
21	163736	GEAR – PRIMARY	1	266820–
22	111093	PLUNGER – DISENGAGE	1	266820–
23	111105	O-RING	1	266820–
24	49874	COVER – LARGE	1	266820–
25	50231	PLUG – PIPE DRY SEAL 0.25 NPT	1	266820–
26	30205	COVER – DISENGAGE	1	266820–
A	205188	BOLT – WHEEL (PRESS-IN) M20 X 82 MM LG		
B	163747	WASHER – THRUST		
C	163746	WASHER – LOCK		
D	163745	NUT – BEARING		
E	49867	WASHER – THRUST		
F	30200	WASHER – THRUST		

112. Includes items #3–8.

113. Includes secondary sun gear and two snap rings. Used to replace secondary sun gear on primary carrier assembly (MD #163737). Use the secondary sun gear kit for a one time repair to the primary carrier assembly. If a second rebuild is required, then replacement of the primary carrier assembly (MD #163737) is required.

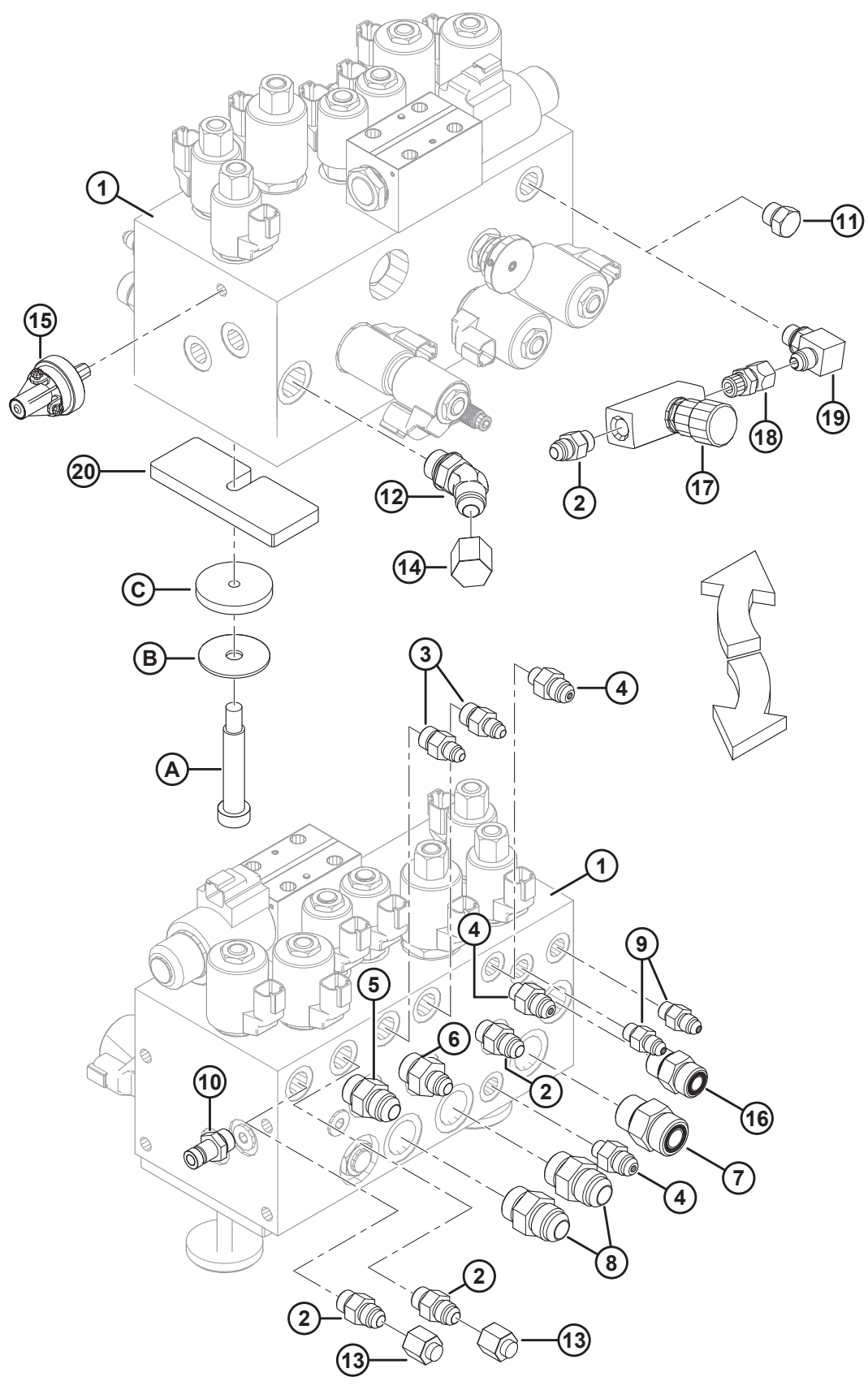
This diagram shows an exploded view of a mechanical assembly. The components are labeled with callouts: 3 (a threaded shaft), 4 (a flange with a central hole), 5 (a small pin or bolt), 6 (a long coil spring), 7 (a set of three smaller coil springs), and K (a circular component with a central hole). The assembly is shown in a disassembled state, with the components arranged to show their relative positions and how they fit together.



WHEEL DRIVE – AUBURN GEAR (10 BOLT) – 2015 AND LATER

Ref	Part Number	Description	Qty	Serial Number
G	49879	BOLT – HEX HD		
H	30191	WASHER – FLAT		
J	111099	BOLT – HEX HD 5/16 NC X 0.5 LG GR 5 ZP		
K	183374	SCREW – SKT HD CAP (END PLATE TO SPINDLE)		

60 Header Lift Manifold

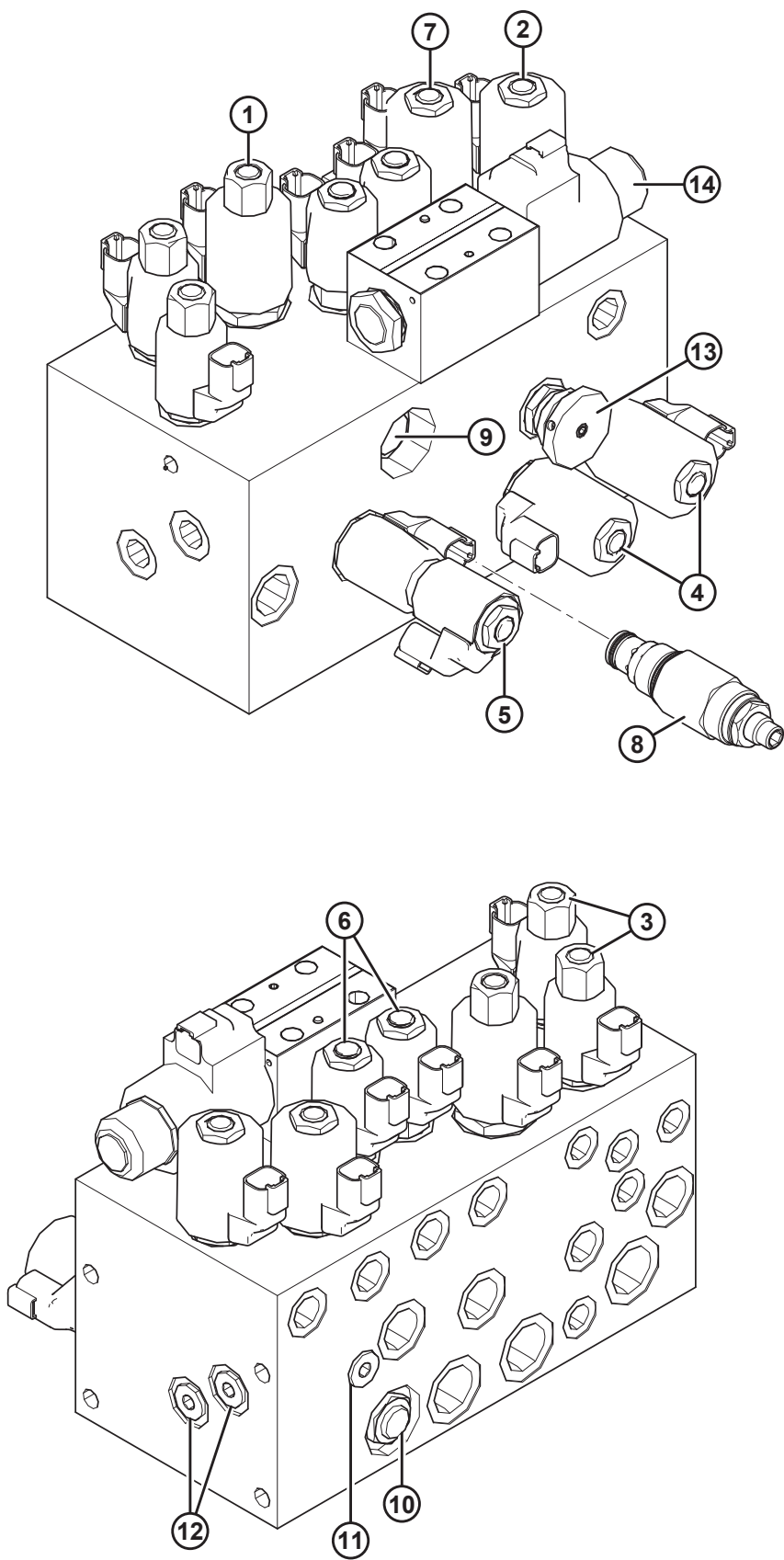


HEADER LIFT MANIFOLD

Ref	Part Number	Description	Qty	Serial Number
1	183798	VALVE – LIFT MANIFOLD ¹¹⁴	1	
2	15903	FITTING – CONNECTOR HYD (G, H, T5)	3	
3	30524	FITTING – ADAPTER HYD (A, B)	2	
4	100790	FITTING – ADAPTER HYD (L, L2, P2)	3	
5	21030	FITTING – CONNECTOR HYD (F)	1	
6	21804	FITTING – CONNECTOR HYD (E)	1	
7	184461	FITTING – ADAPTER 10 MORFS X 10 MORB (T2)	1	
8	30695	FITTING – CONNECTOR HYD (T1, P1)	2	
9	112184	FITTING – ADAPTER HYD (BR, I)	2	
10	135587	FITTING – COUPLING HYD-TEST PORT	1	
11	30994	PLUG – HEX C/W O-RING	1	
12	30315	FITTING – ELBOW 45° HYD C/W O-RING (T3)	1	
13	30813	CAP – 3/8 IN. TUBE	2	
14	108233	CAP – 1/2 IN. TUBE	1	
15	167273	SWITCH – BRAKE	1	
16	135780	FITTING – ADAPTER (T4)	1	
	44209	O-RING – #8 ORB		
	135866	O-RING – #8 ORFS		
17	183211	VALVE – FLOW CONTROL, HYD (DRAPER HEADER ONLY) (D)	1	
18	135015	FITTING – ADAPTOR, HYD (DRAPER HEADER ONLY) (D)	1	
19	30282	FITTING – ELBOW 90°, HYD (DRAPER HEADER ONLY) (D)	1	
20	166743	PAD – RUBBER FRONT MANIFOLDS	2	
A	136795	SCREW – HEX SOC HD SHLDR 1/2-3/8 X 2.25-AS-A3L		
B	166747	WASHER – FLAT		
C	166700	WASHER – RUBBER		

114. For service parts, refer to Section [61 Lift Manifold Valve Repair Parts, page 153](#). Refer to Service Bulletin SB 1210 for required software updates.

61 Lift Manifold Valve Repair Parts



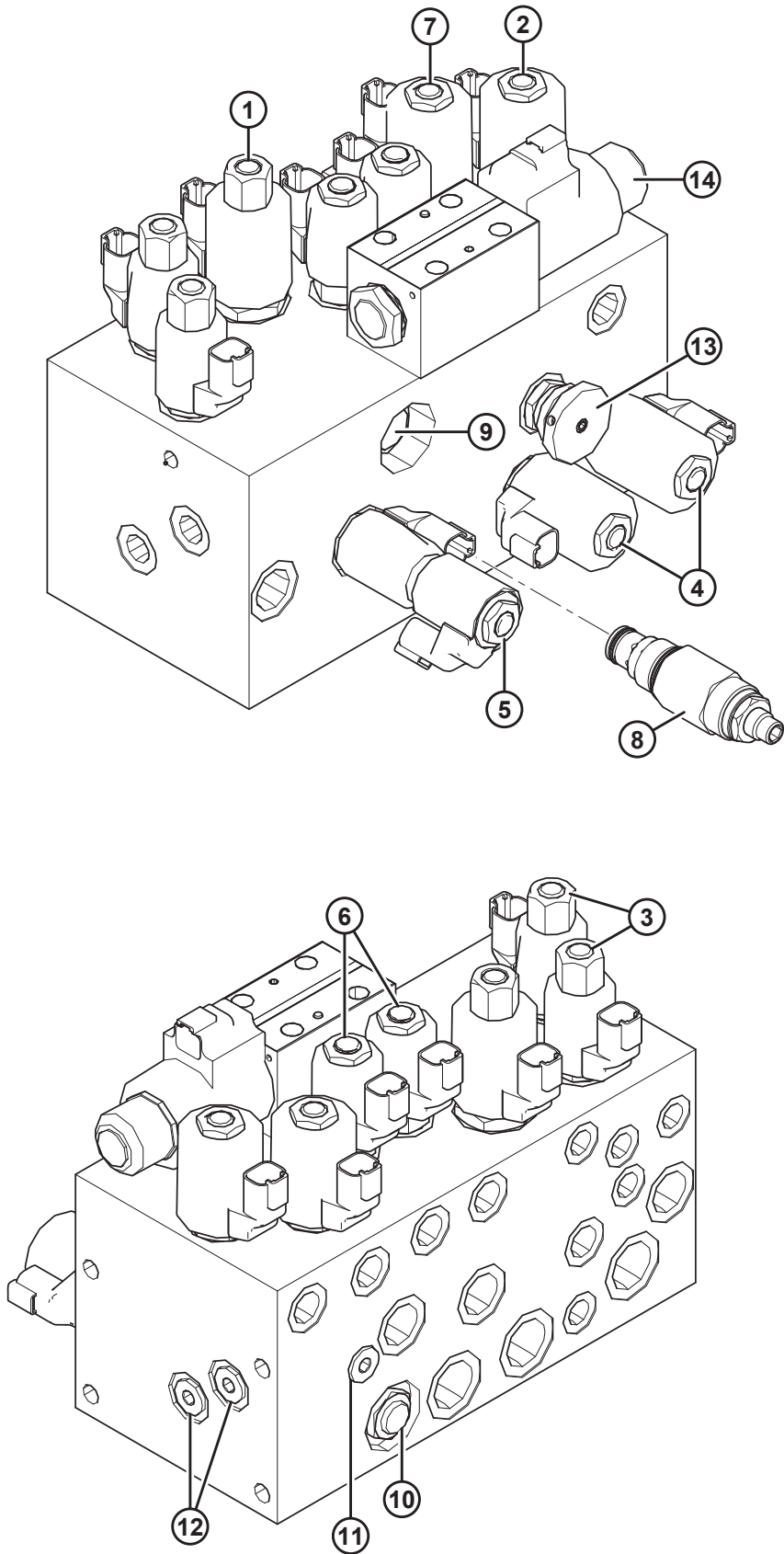
LIFT MANIFOLD VALVE REPAIR PARTS

Ref	Part Number	Description	Qty	Serial Number
	183798	VALVE – LIFT MANIFOLD ¹¹⁵		
1	139128	VALVE – SOLENOID (P52)	1	
	163155	COIL – TOUGH, FOR 1/2 IN. VALVE STEM		
	163189	NUT		
	139562	SEAL KIT		
2	163142	VALVE – SOLENOID (FOR 1/2 IN. VALVE STEM) (P53)	1	
	163155	COIL – TOUGH, FOR 1/2 IN. VALVE STEM		
	139543	DISK – ORIFICE		
	163190	NUT – FOR 1/2 IN. VALVE STEM		
	49846	SEAL KIT		
3	49842	VALVE – SOLENOID (P44 AND P56)	2	
	163153	COIL – TOUGH		
	163189	NUT		
	49844	SEAL KIT		
4	139129	VALVE – SOLENOID (P57 AND P58)	2	
	163155	COIL – TOUGH, FOR 1/2 IN. VALVE STEM		
	163190	NUT – FOR 1/2 IN. VALVE STEM		
	163160	SEAL KIT		
5	163144	VALVE – SOLENOID (P60 AND P61) ¹¹⁶	1	
	163152	COIL – TOUGH	2	
	163190	NUT – FOR 1/2 IN. VALVE STEM		
	49849	SEAL KIT		
6	163146	VALVE – SOLENOID (P63 AND P64)	2	
	163152	COIL – TOUGH		
	163157	DISK – ORIFICE		
	163163	SEAL KIT		
	163193	NUT – COIL		
7	163143	VALVE – SOLENOID (FOR 5/8 IN. VALVE STEM) (P54)	1	
	163154	COIL – TOUGH, FOR 5/8 IN. VALVE STEM		
	163191	NUT – FOR 5/8 IN. VALVE STEM		
	163160	SEAL KIT		
8	183699	VALVE – RELIEF	1	
	220908	SEAL KIT		
9	139131	VALVE – CHECK	1	
10	163150	VALVE – CHECK	1	
11	163151	PLUG – ORIFICE	1	
12	100577	PLUG – SAE	2	
13	139132	VALVE – NEEDLE	1	

115. Refer to Service Bulletin SB 1210 for required software updates.

116. Two coils (MD #163152) are installed at this location. The outer coil is P60 and the inner coil is P61.

LIFT MANIFOLD VALVE REPAIR PARTS

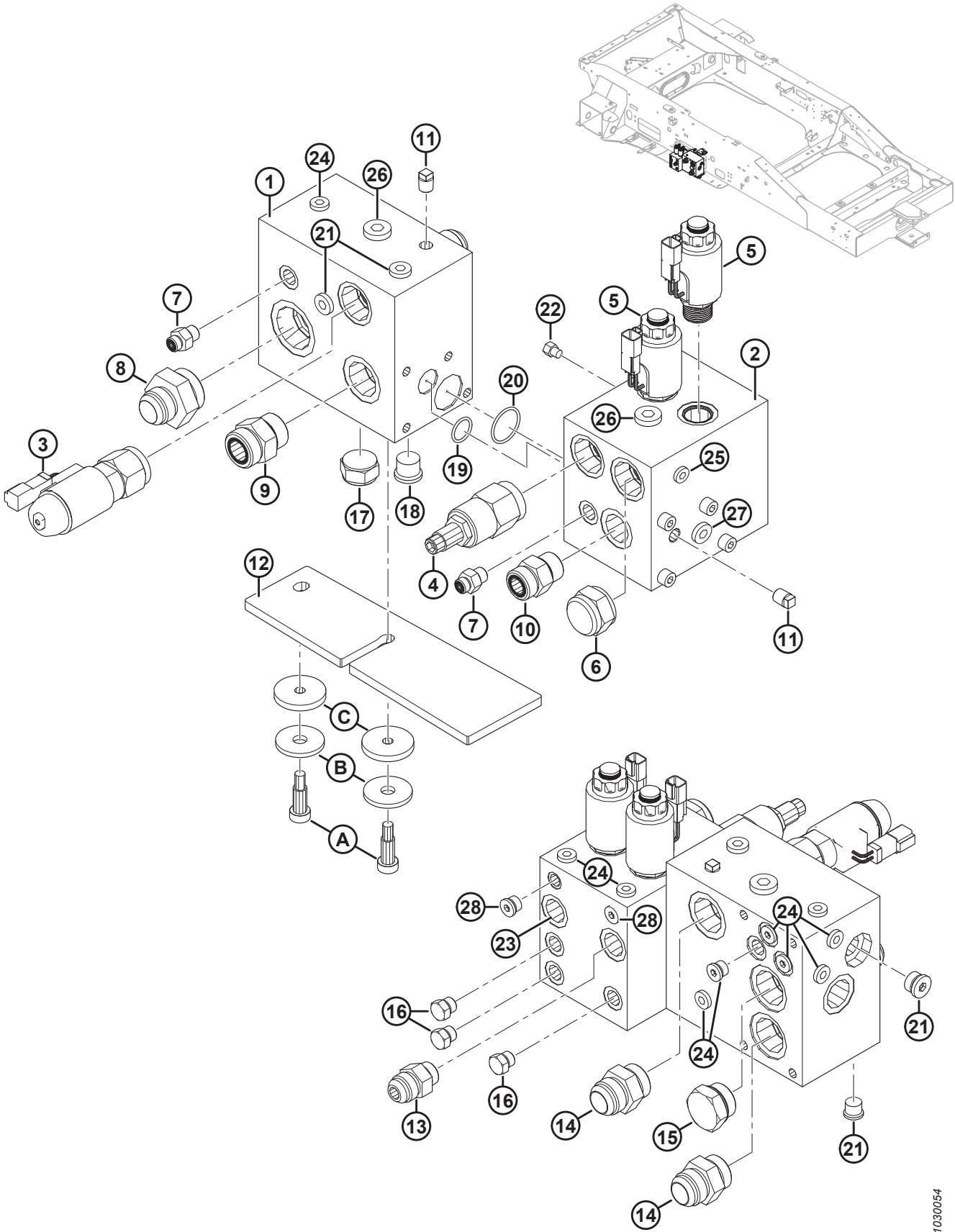


1022540

LIFT MANIFOLD VALVE REPAIR PARTS

Ref	Part Number	Description	Qty	Serial Number
14	139130	VALVE – DIRECTIONAL CONTROL	1	
	163192	NUT		
	163162	SEAL KIT		
	163148	KIT – BOLT		

62 Header Drive Manifolds



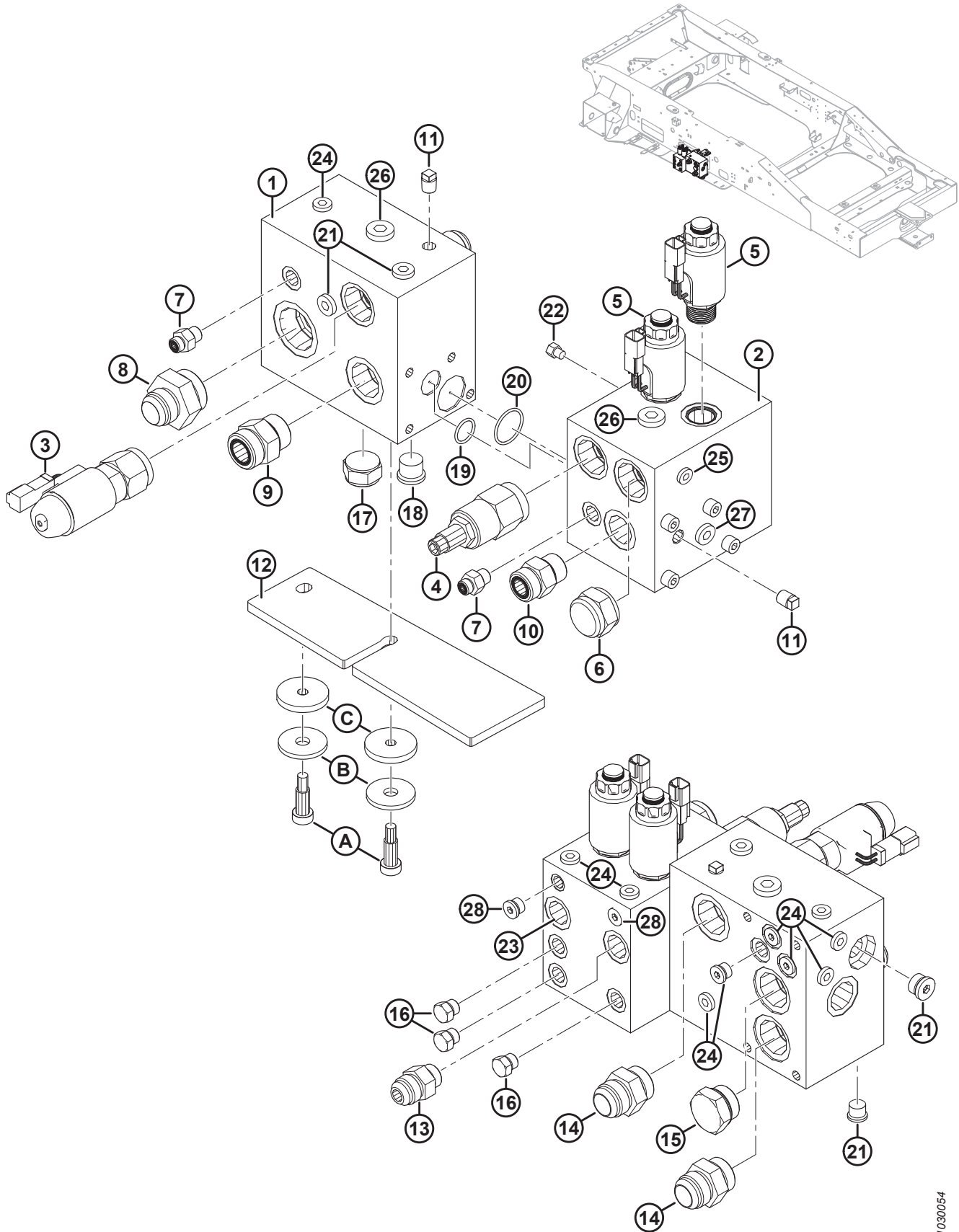
HEADER DRIVE MANIFOLDS

Ref	Part Number	Description	Qty	Serial Number
1	112955	VALVE – BLOCK, BASE 4 CYL. (KNIFE DRIVE)	1	
2	166167	VALVE – ASSY (REEL DRAPER DRIVE)	1	
3	163536	VALVE – KNIFE DRIVE SOLENOID (P68) ¹¹⁷	1	
	163192	NUT – SPECIAL		
	163194	COIL		
	163176	SEAL KIT		
4	163174	VALVE – DIFF PRESS SENSE	1	
5	163166	CONTROL – PROPORTIONAL FLOW (P69 AND P70) ¹¹⁸	2	
	163195	NUT – SPECIAL		
	163173	COIL – ASSEMBLY		
	163178	SEAL KIT		
6	163165	VALVE – DIFFERENTIAL PRESSURE SENSING	1	
	163177	SEAL KIT		
7	135776	FITTING – ADAPTER (LS1, LS3)	2	
	50219	O-RING – #6 ORB		
	135957	O-RING – #4 ORFS		
8	108089	FITTING – ADAPTER HYD (T1)	1	
9	135791	FITTING – ADAPTER (P1)	1	
	50220	O-RING – #16 ORB		
	135554	O-RING – #16 ORFS		
10	135788	FITTING – ADAPTER (P3)	1	
	30971	O-RING – #12 ORB		
	135868	O-RING – #12 ORFS		
11	183903	PLUG – SQ HEAD PIPE	2	
12	166699	PAD – RUBBER REAR MANIFOLDS	1	
13	30610	FITTING – CONNECTOR HYD (C)	1	
14	21828	FITTING – ADAPTER HYD (M1, R1)	2	
15	156051	PLUG – #16 ORB	1	
16	30994	PLUG – HEX C/W O-RING	3	
17	163537	VALVE – CHECK	1	
	139562	SEAL KIT		
18	103575	PLUG – HEX C/W O-RING	1	
19	320284	O-RING – 2.38 X 20.64	1	
20	320339	O-RING – 2.38 X 31.75	1	
21	158174	PLUG – HEX SOCKET C/W O-RING	4	
22	135011	FITTING – PLUG, #2 ORB	1	
23	163168	PLUG – ORIFICE	1	
24	167762	FITTING – ZINC NICKEL SAE #06, 9/16-18 UN 2A	8	
25	167763	FITTING – ZINC NICKEL SAE #08, 3/4-16 UN 2A	1	
26	167764	FITTING – ZINC NICKEL SAE #10, 7/8-14 UN 2A	2	
27	167765	FITTING – ZINC NICKEL SAE #12, 1-1/16-12 UN 2A	1	

117. Includes special nut (MD #163192), coil (MD #163194), and seal kit (MD #163176).

118. Includes special nut (MD #163195), coil (MD #163173), and seal kit (MD #163178).

HEADER DRIVE MANIFOLDS

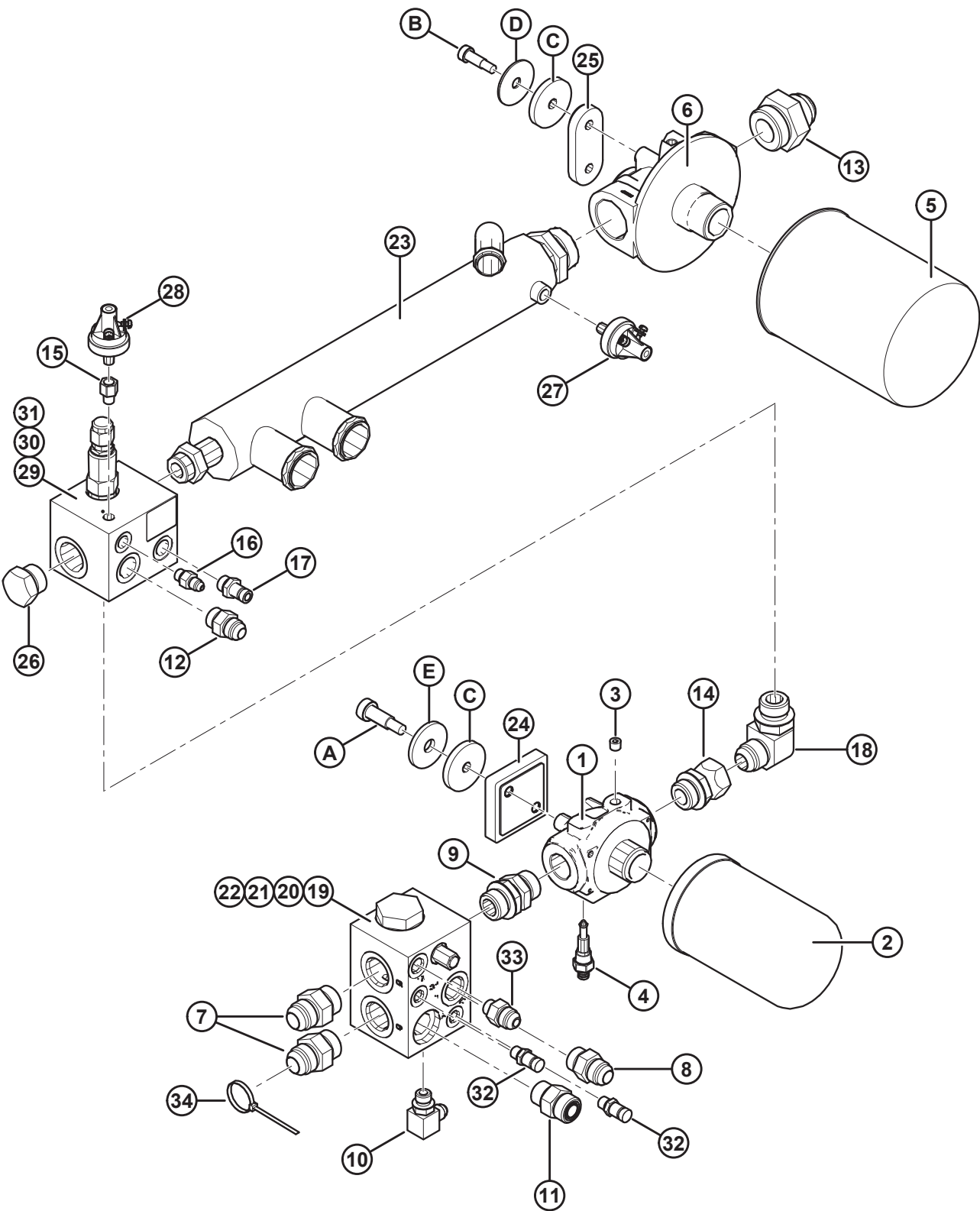


1030054

HEADER DRIVE MANIFOLDS

Ref	Part Number	Description	Qty	Serial Number
28	163167	KIT – SENSE CHECK	2	
A	136796	SCREW – HEX SOC HD SHLDR 1/2-3/8 X 1-AS-A3L		
B	166747	WASHER – FLAT		
C	166700	WASHER – RUBBER		

63 Return Manifold



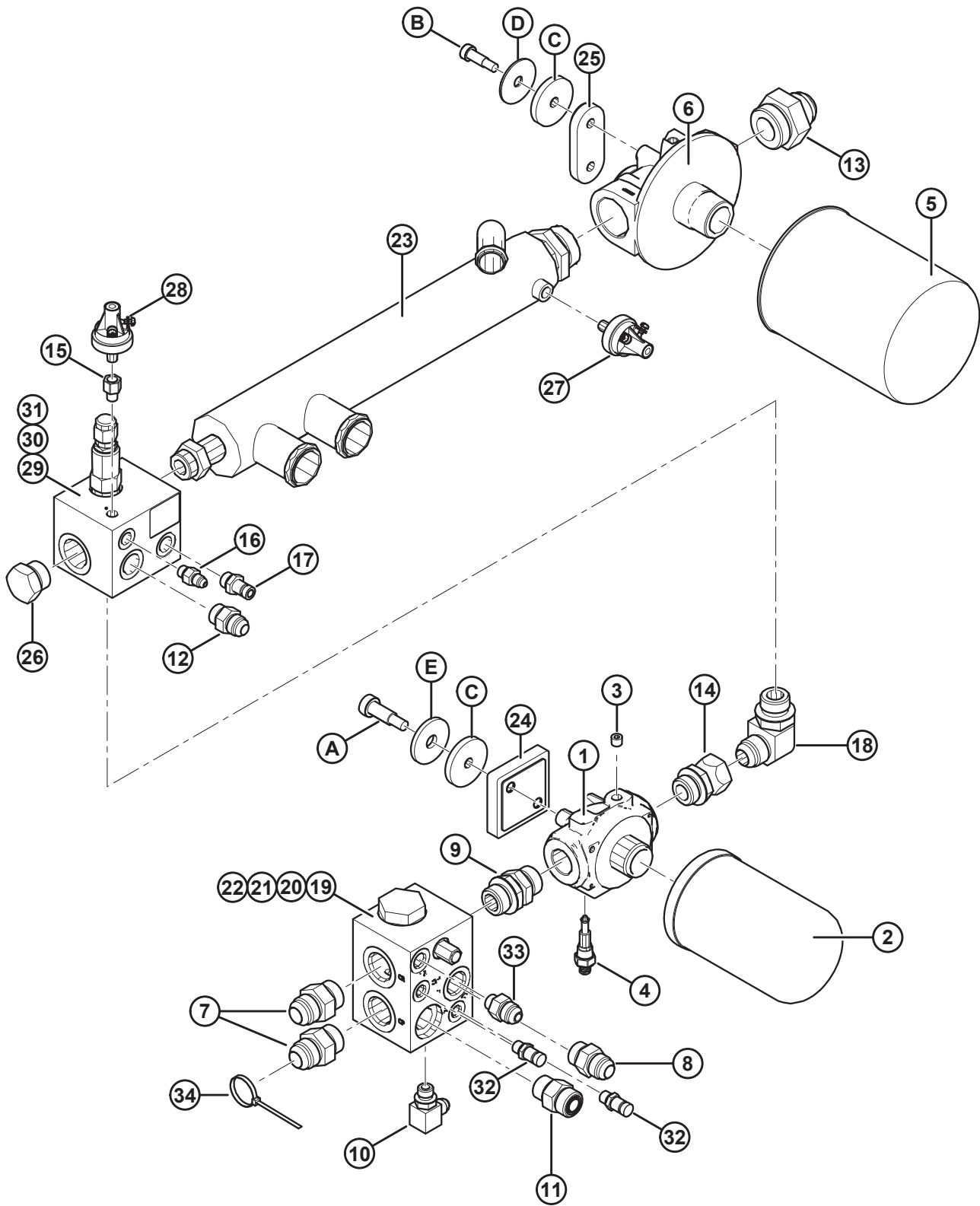
RETURN MANIFOLD

Ref	Part Number	Description	Qty	Serial Number
1	139936	FILTER HEAD – C/W SWITCH AND ELEMENT ¹¹⁹	1	
2	112419	ELEMENT	1	
3	50230	PLUG	1	
4	139722	SWITCH – SERVICE INDICATOR	1	
5	320360	FILTER – HYD C/W 2X SEALS	1	
6	151974	FILTER – HEAD, 1-5/8 IN.-12 SAE (#20)	1	
7	21830	FITTING – CONNECTOR HYD	2	
8	30695	FITTING – CONNECTOR HYD	1	
9	112197	FITTING – CONNECTOR HYD C/W O-RINGS	1	
10	30282	FITTING – ELBOW 90° HYD	1	
11	184461	FITTING – ADAPTER 10 MORFS X 10 MORB	1	
12	21030	FITTING – ADAPTER HYD	1	
13	108089	FITTING – ADAPTER HYD	1	
14	40241	FITTING – ADAPTER HYD C/W O-RING	1	
15	135546	FITTING – ADAPTER HYD C/W ORIFICE	1	
16	135588	FITTING – ADAPTER HYD-ORIFICED	1	
17	135587	FITTING – COUPLING HYD-TEST PORT	1	
18	30970	FITTING – ELBOW 90° HYD	1	
19	183494	MANIFOLD – COOLER BYPASS (2016 AND LATER) ¹²⁰	1	285420–
	183518	KIT – OIL COOLER BYPASS (2015 AND PRIOR)	A/R	–285419
20	183505	VALVE – RELIEF 550 PSI	A/R	
21	183509	VALVE – SEQUENCE	A/R	
22	183521	SEAL KIT	A/R	
23	112851	MANIFOLD – RETURN LINE	1	
24	166745	INSULATOR – FILTER	1	
25	166746	INSULATOR – FILTER	1	
26	103575	PLUG – HEX C/W O-RING	1	
27	112848	SWITCH – HEADER SUPERCHARGE/BRAKE	1	
28	139775	SWITCH – PRESSURE	1	
29	139629	VALVE – SUPERCHARGE	1	
	163158	FITTING – ZERO LEAK GOLD	1	
	163149	FITTING – ZERO LEAK GOLD	1	
30	111389	VALVE – RELIEF 250 PSI	A/R	
31	49846	SEAL KIT	A/R	
32	134437	FITTING – COUPLING HYD-TEST PORT	1	
33	21031	FITTING – ADAPTER HYD	2	
34	40704	FASTENER – CABLE TIE, ORANGE	1	
A	136796	SCREW – HEX SOC HD SHLDR 1/2-3/8 X 1-AS-A3L		
B	136787	SCREW – HEX SOC HD SHLDR 3/8-5/16 X 3/4-AS-A3L		
C	166700	WASHER – RUBBER		

119. Includes element (MD #112419), plug (MD #50230), and indicator switch (MD #139722).

120. For units made in model year 2015 and prior, order Oil Cooler Bypass kit (MD #183518).

RETURN MANIFOLD

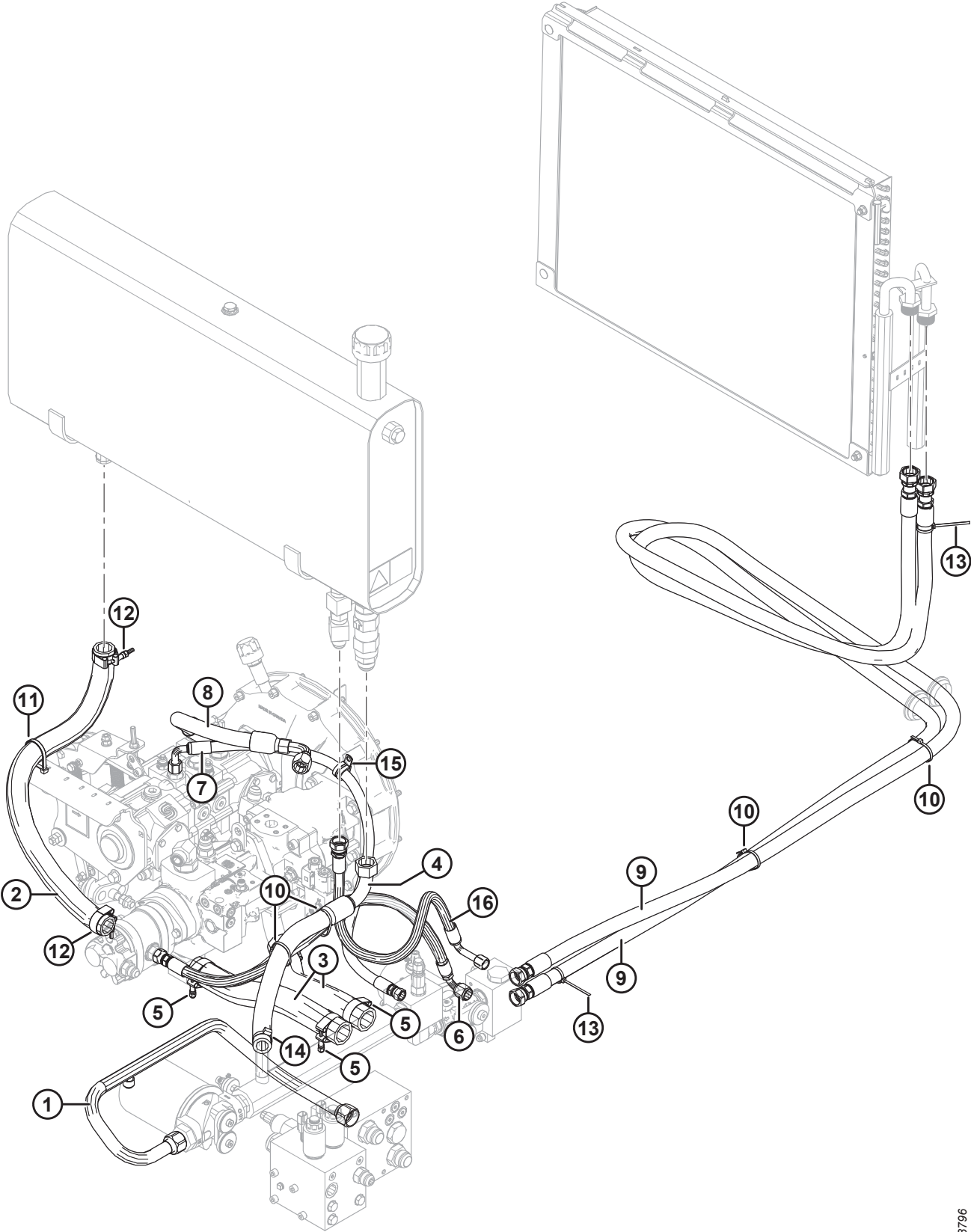


1018739

RETURN MANIFOLD

Ref	Part Number	Description	Qty	Serial Number
D	31465	WASHER – FLAT		
E	166747	WASHER – FLAT		

64 Hydraulics – Charge Cooler

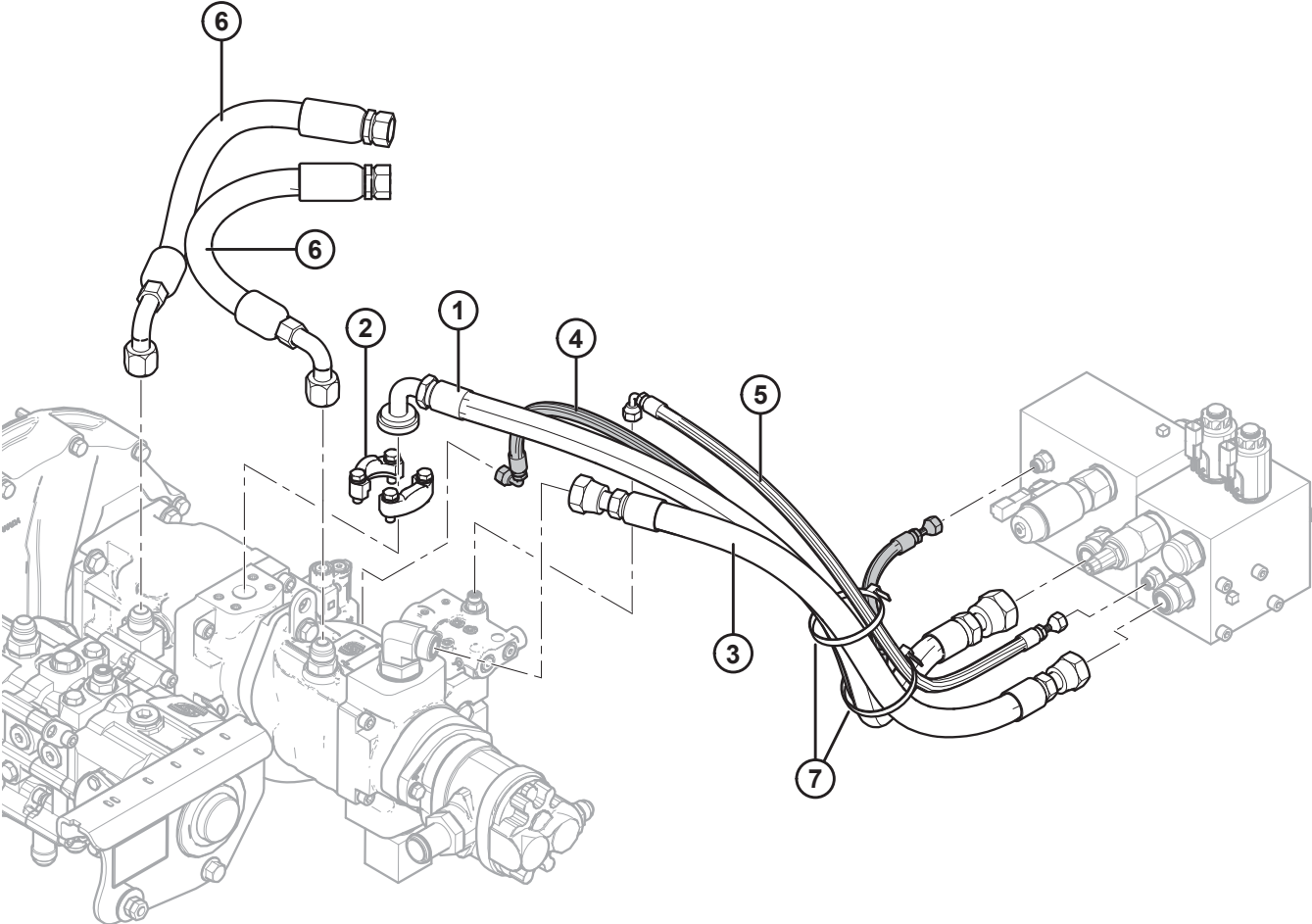


HYDRAULICS – CHARGE COOLER

Ref	Part Number	Description	Qty	Serial Number
1	139229	LINE – HYDRAULIC, 1 IN. DIA.	1	
2	139177	HOSE – HYD SUCTION, 1 1/4 IN ID, 770 MM LG	1	
3	139624	HOSE – HYD, 1 1/2 IN ID, 420 MM LG	2	
4	306319	HOSE – HYD, 1 IN ID, 500 MM LG, METAL REIN.	1	
5	252312	CLAMP – T-BOLT, 1.75–2 IN. I.D.	4	
6	139625	HOSE – HYD, 1/2 IN ID, 900 MM LG, METAL REIN.	1	
7	183668	HOSE – HYD, 1/2 IN ID, 900 MM LG, METAL REIN.	1	
8	139198	HOSE – HYD, 3/4 IN ID, 485 MM LG, METAL REIN.	1	
9	138302	HOSE – HYD, 1/2 IN ID, 3550 MM LG, METAL REIN.	2	
10	21763	FASTENER – CABLE TIE, BLACK, 160 MM LG	4	
11	30753	FASTENER – CABLE TIE, BLACK, 305 MM LG	1	
12	135227	CLAMP – T-BOLT, 1.56–1.81 IN. I.D.	2	
13	40704	FASTENER – CABLE TIE, ORANGE	2	
14	162442	CLAMP – HOSE	1	
15	209032	CLAMP – P-CLIP, INSULATED, 1 IN.	1	
16	183493	HOSE – HYD, 5/8 IN ID, 800 MM LG, METAL REIN. ¹²¹	1	

121. Included in Oil Cooler Bypass kit (MD #183518). Refer to Section [99 \(Option\) Oil Cooler Bypass Kit, page 239](#) for kit service parts.

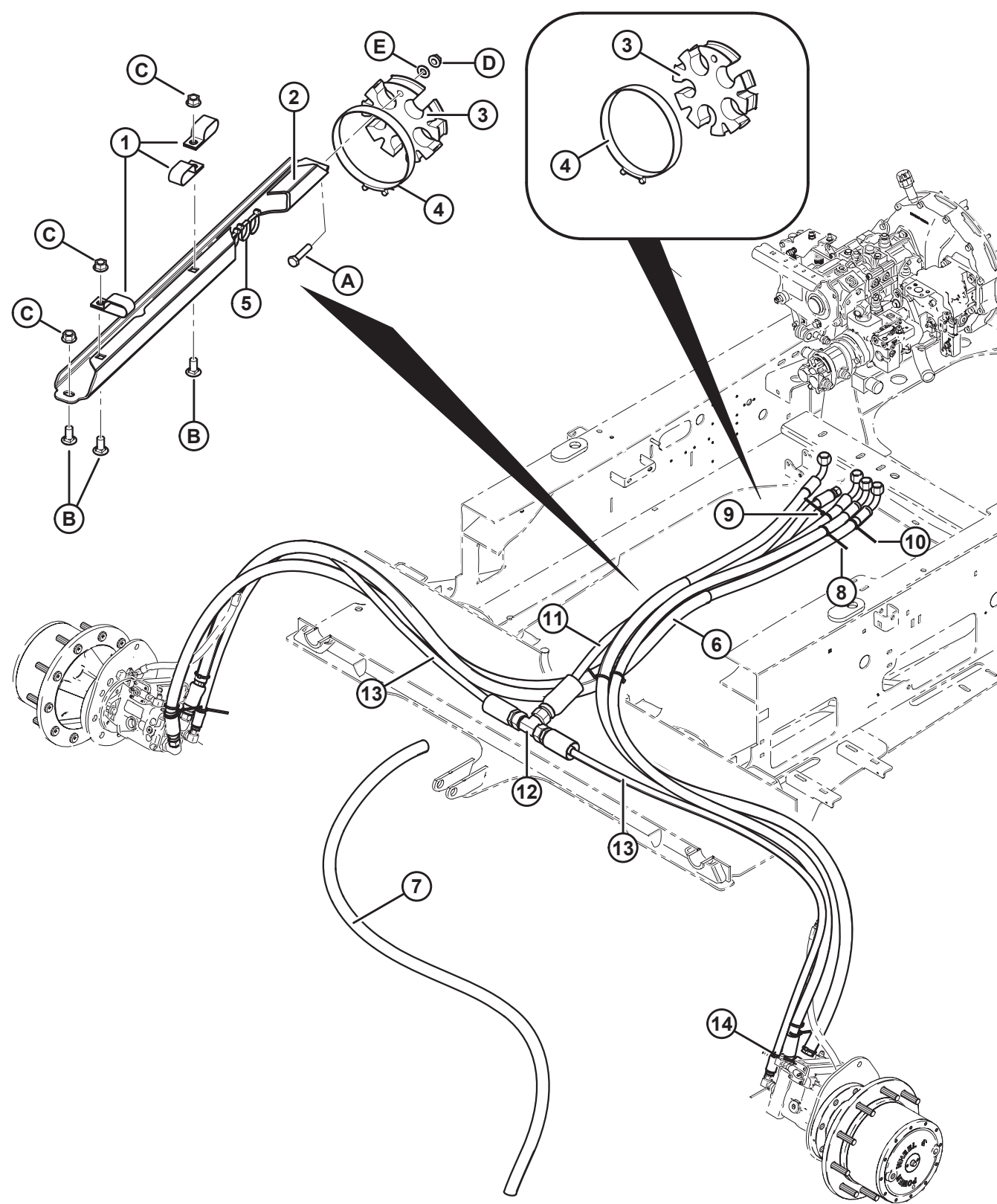
65 Hydraulics – Header Drive



HYDRAULICS – HEADER DRIVE

Ref	Part Number	Description	Qty	Serial Number
1	139174	HOSE – HYD, 3/4 IN. ID, 1110 MM LG, METAL REIN.	1	
2	112866	FLANG – 1 IN. SPLIT, C/W HARDWARE	1	
3	139175	HOSE – HYD, 3/4 IN. ID, 850 MM LG, METAL REIN.	1	
4	139176	HOSE – HYD, 1/4 IN. ID, 1200 MM LG, METAL REIN.	1	
5	139276	HOSE – HYD, 1/4 IN. ID, 850 MM LG, METAL REIN.	1	
6	139198	HOSE – HYD, 3/4 IN. ID, 485 MM LG, METAL REIN.	2	
7	30753	FASTENER – CABLE TIE, BLACK, 305 MM LG	2	

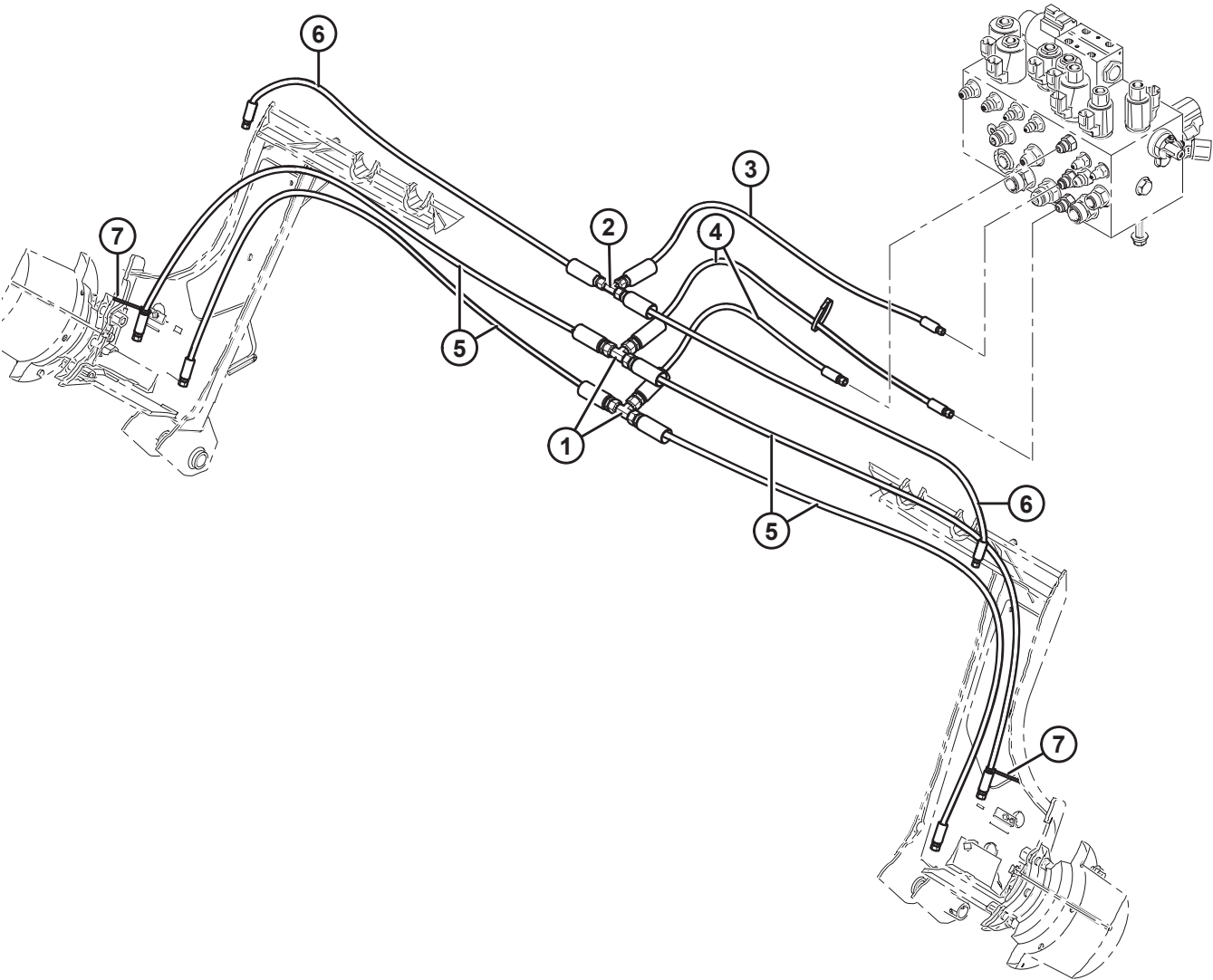
66 Hydraulics – Traction Drive



HYDRAULICS – TRACTION DRIVE

Ref	Part Number	Description	Qty	Serial Number
1	135235	CLAMP – DOUBLE HOSE INSULATED	3	
2	111566	SUPPORT – HYDRAULIC LINES	1	
3	111564	HOLDER – HOSE, 4 CYLINDER	2	
4	112230	CLAMP – HOSE	2	
5	21763	FASTENER – CABLE TIE, BLACK, 160 MM LG	13	
6	183173	HOSE – TRACTION	4	216500–
	183183	KIT – TRACTION HOSE		–216499
7	112939	SLEEVE	4	
8	40701	FASTENER – CABLE TIE (YELLOW)	2	
9	40702	FASTENER – CABLE TIE (RED)	2	
10	21763	FASTENER – CABLE TIE (BLACK)	1	
11	111426	HOSE – HYD, 5/8 IN ID, 1375 MM LG, METAL REIN.	1	
12	30551	FITTING – TEE HYD	1	
13	111312	HOSE – HYD, 1/2 IN ID, 2000 MM LG, METAL REIN.	2	
14	49227	FASTENER – CABLE TIE (GREEN)	2	
A	21268	BOLT – HH 5/16 NC X 1.5 LG GR 5 ZP		
B	21863	BOLT – RHSSN 3/8 NC X 0.75 LG GR 5 ZP		
C	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
D	30280	NUT – FLG SIDE LK SMTH FACE 5/16 NC GR 5 ZP		
E	18597	WASHER – SAE FLAT 11/32 I.D. X 11/16 IN. O.D. ZP		

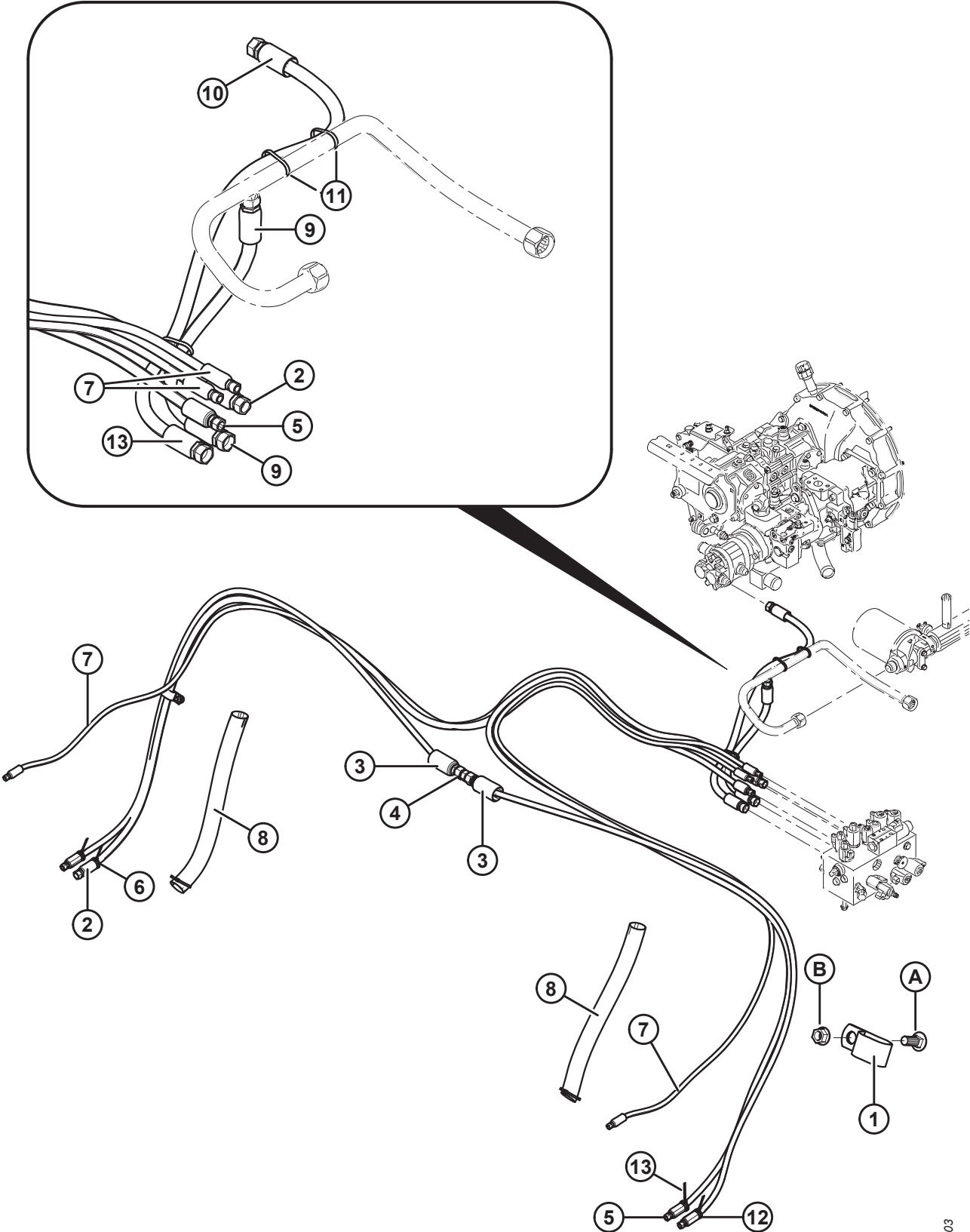
67 Hydraulics – Brake Shift



HYDRAULICS – BRAKE SHIFT

Ref	Part Number	Description	Qty	Serial Number
1	7603	FITTING – TEE HYDRAULIC, #6	2	
2	18881	FITTING – TEE HYDRAULIC, #4	1	
3	111327	HOSE – HYD, 1/4 IN. I.D., 1390 MM LG, METAL REIN.	1	
4	111324	HOSE – HYD, 1/4 IN. I.D., 1230 MM LG, METAL REIN.	2	
5	172986	HOSE – HYD, 1/4 IN. I.D., 1913 MM LG, METAL REIN.	4	
6	111326	HOSE – HYD, 1/4 IN. I.D., 1700 MM LG, METAL REIN.	2	
7	135266	FASTENER – CABLE TIE (LIGHT BLUE)	4	

68 Hydraulics – Lift

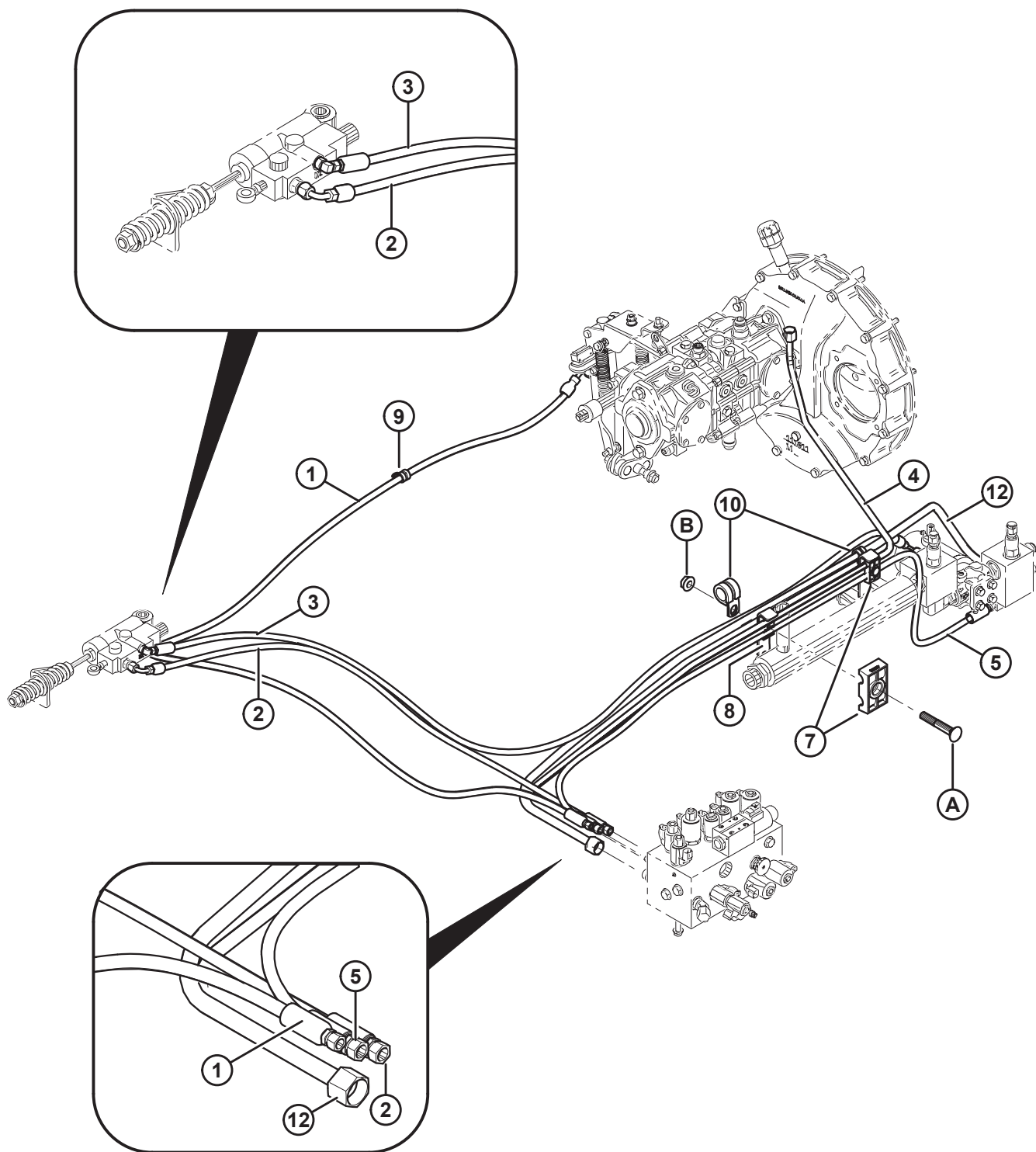


1004903

HYDRAULICS – LIFT

Ref	Part Number	Description	Qty	Serial Number
1	103738	CLAMP – PVC INSULATED 13/16 IN. TUBE SIZE	2	
2	111328	HOSE – HYD LIFT, 1/2 IN ID, 3300 MM LG, METAL REIN.	1	
3	111556	HOSE – SLAVE LIFT CYL BASE TO CTR JOINER, 3/8 IN ID, 2150 MM LG, METAL REIN.	2	
4	30375	FITTING – UNION HYD	1	
5	111557	HOSE – HYD LIFT RETURN, 3/8 IN ID, 3300 MM LG, METAL REIN.	1	
6	49232	FASTENER – CABLE TIE (WHITE)	1	
7	111323	HOSE – HYD, 1/4 IN ID, 3420 MM LG, METAL REIN.	2	
8	112940	SLEEVE	2	
9	138285	HOSE – HYDRAULIC	1	
10	139192	HOSE – HYDRAULIC	1	
11	21763	FASTENER – CABLE TIE (BLACK), 160 MM LG	5	
12	40702	FASTENER – CABLE TIE (RED)	2	
13	40701	FASTENER – CABLE TIE (YELLOW)	1	
A	19965	BOLT – RHSN 3/8 NC X 1.0 GR 5 ZP		
B	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		

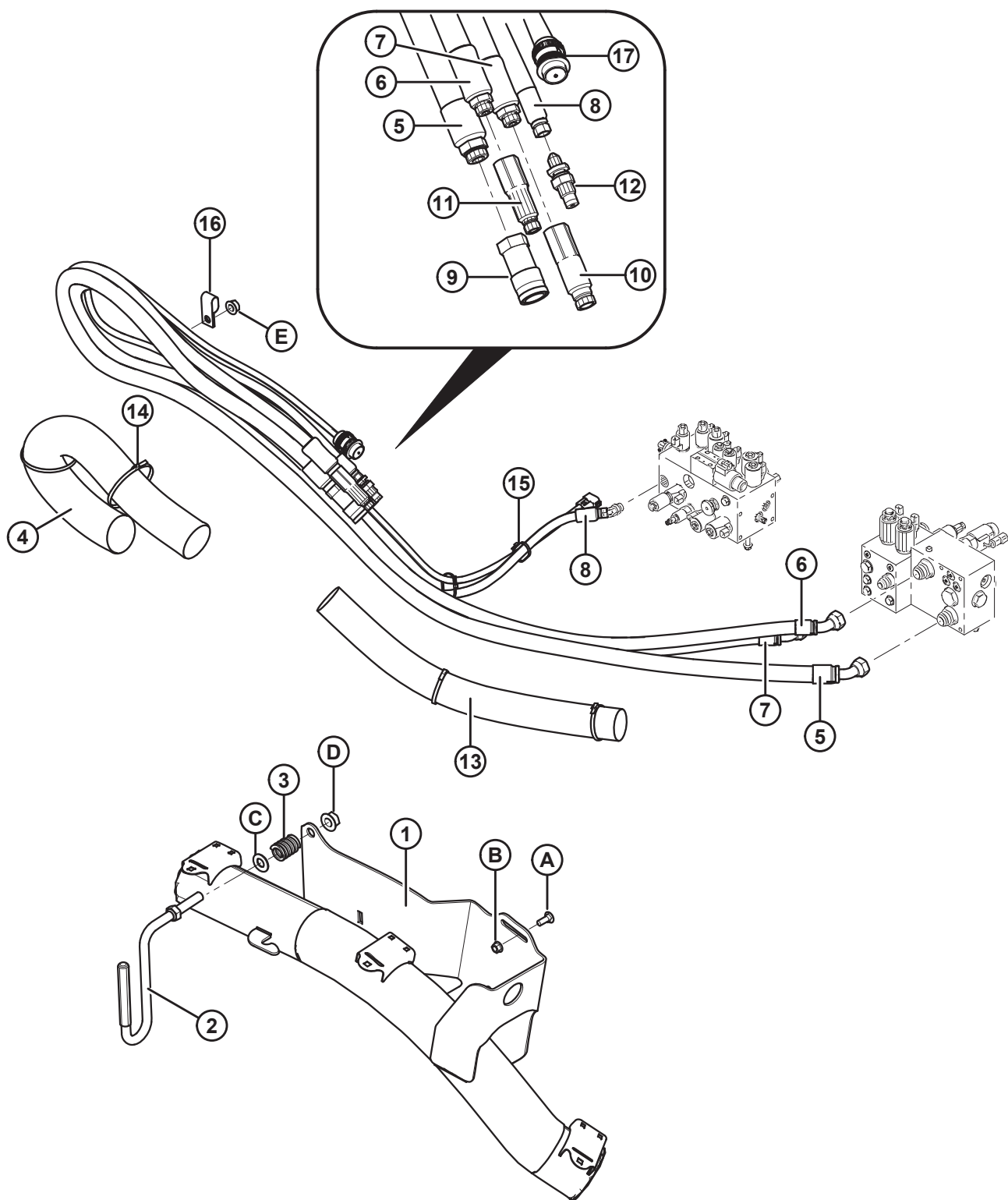
69 Hydraulics – Interlock Servo



HYDRAULICS – INTERLOCK SERVO

Ref	Part Number	Description	Qty	Serial Number
1	111700	HOSE – HYD, 1/4 IN ID, 2600 MM LG, METAL REIN.	1	
2	110982	HOSE – HYD, 1/4 IN ID, 1380 MM LG, METAL REIN.	1	
3	139226	HOSE – HYDRAULIC	1	
4	138815	LINE – HYDRAULIC, 1/2 IN DIA.	1	
5	133043	HOSE – HYD, 1/4 IN ID, 1730 MM LG, METAL REIN.	1	
7	135817	CLAMP – TUBING	4	
8	138896	BRACKET – CLAMP	2	
9	135818	CLAMP – INSULATED 1/2 IN.	1	
10	135716	CLAMP – INSULATED 5/8 IN.	2	
11	21763	FASTENER – CABLE TIE, BLACK, 160 MM LG	6	
12	139190	LINE – HYDRAULIC	1	
A	21480	BOLT – RHSN 5/16 NC X 2.0 LG GR 5 ZP		
B	30280	NUT – FLG DT SMOOTH FACE, SIDE LOCK 5/16 NC		

70 Hydraulics – Left-Hand Coupler

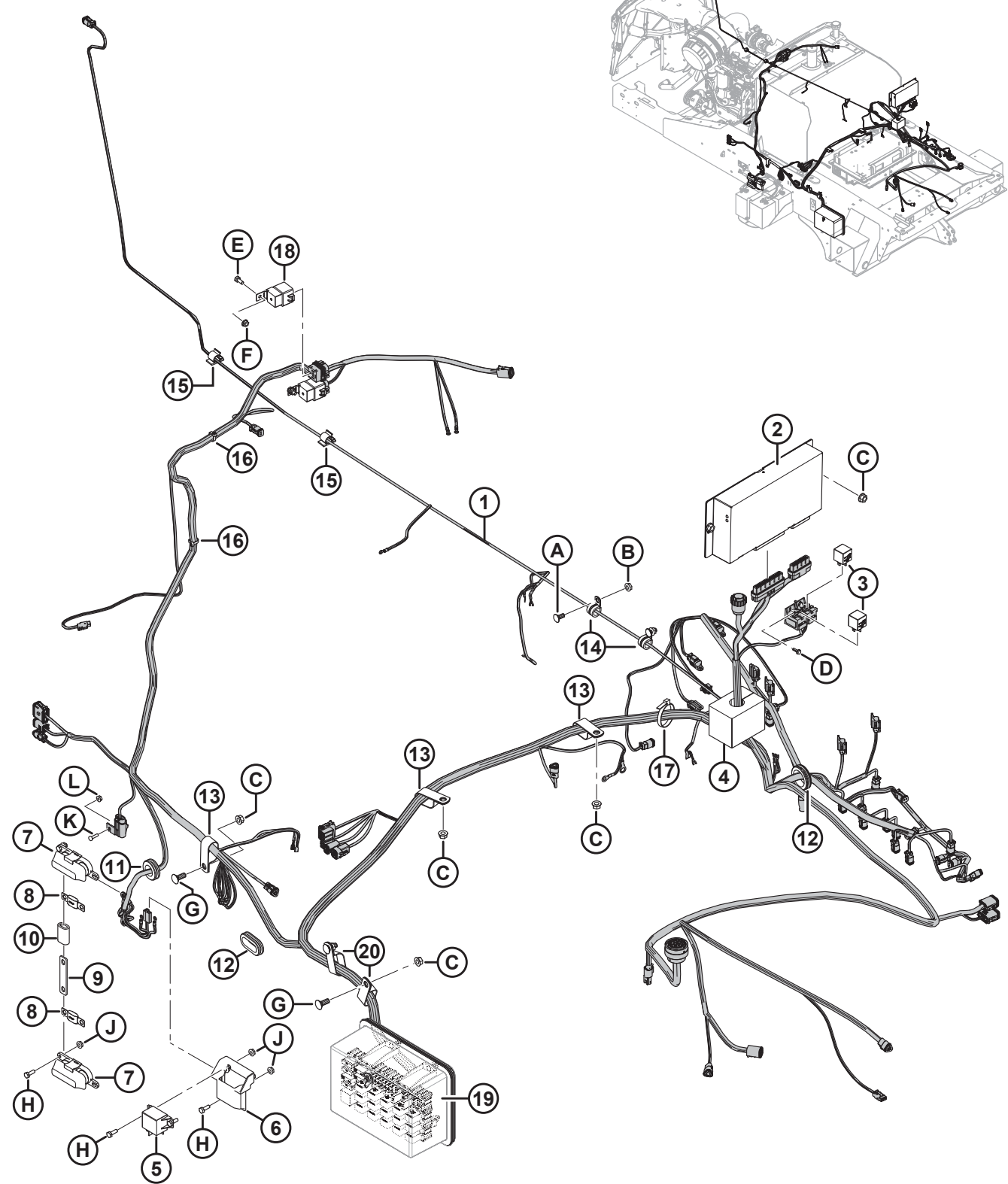
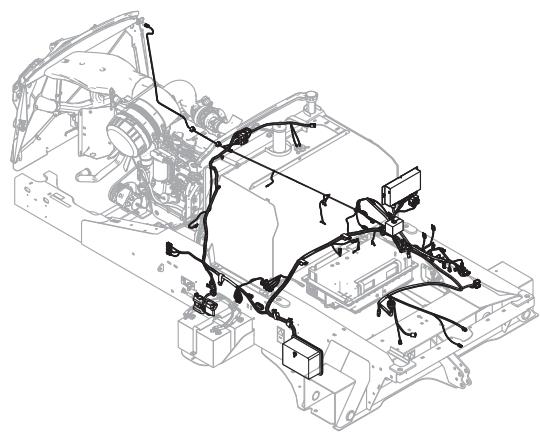


1004910

HYDRAULICS – LEFT-HAND COUPLER

Ref	Part Number	Description	Qty	Serial Number
1	163125	SUPPORT – HOSES, LH	1	
2	163254	HANDLE – HOSE SUPPORT	1	
3	28700	SPRING – COMPRESSION	1	
4	110547	SLEEVE – HOSE	1	
5	110537	HOSE – HYD, 1 IN ID, 3500 MM LG, METAL REIN.	1	
6	183702	HOSE – HYD, 3/4 IN ID, 3400 MM LG, METAL REIN.	1	
7	110539	HOSE – HYD, 3/4 IN ID, 3230 MM LG, METAL REIN.	1	
8	110545	HOSE – HYD, 1/2 IN ID, 2900 MM LG, METAL REIN.	1	
9	135313	COUPLER – FEMALE HYD. 3/4 IN. FLAT FACE	1	
10	135314	COUPLER – MALE HYD. 3/4 IN. FLAT FACE	1	
	135479	SEAL KIT	1	
11	135361	COUPLER – MALE HYD. 1/2 IN. FLAT FACE	1	
	111979	SEAL KIT	1	
12	135237	COUPLER – MALE HYD. 3/8 IN. FLAT FACE BULKHEAD	1	
	111978	SEAL KIT	1	
13	163128	SLEEVE – HOSE	1	
14	21763	FASTENER – CABLE TIE, BLACK, 160 MM LG	A/R	
15	30753	FASTENER – CABLE TIE, BLACK, 305 MM LG	A/R	
16	135233	CLAMP – WIRING HARNESS	1	
17	183445	HARNESS – HEADER CONNECTION, (DRAPER, AUGER)	1	
A	19965	BOLT – RHSN 3/8 NC X 1.0 GR 5 ZP		
B	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
C	18600	WASHER – SAE FLAT 21/32 I.D. X 1-5/16 IN. O.D. ZP		
D	50225	NUT – FLG DT SMOOTH FACE .625-11 UNC		
E	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		

71 Electrical – Chassis



ELECTRICAL – CHASSIS

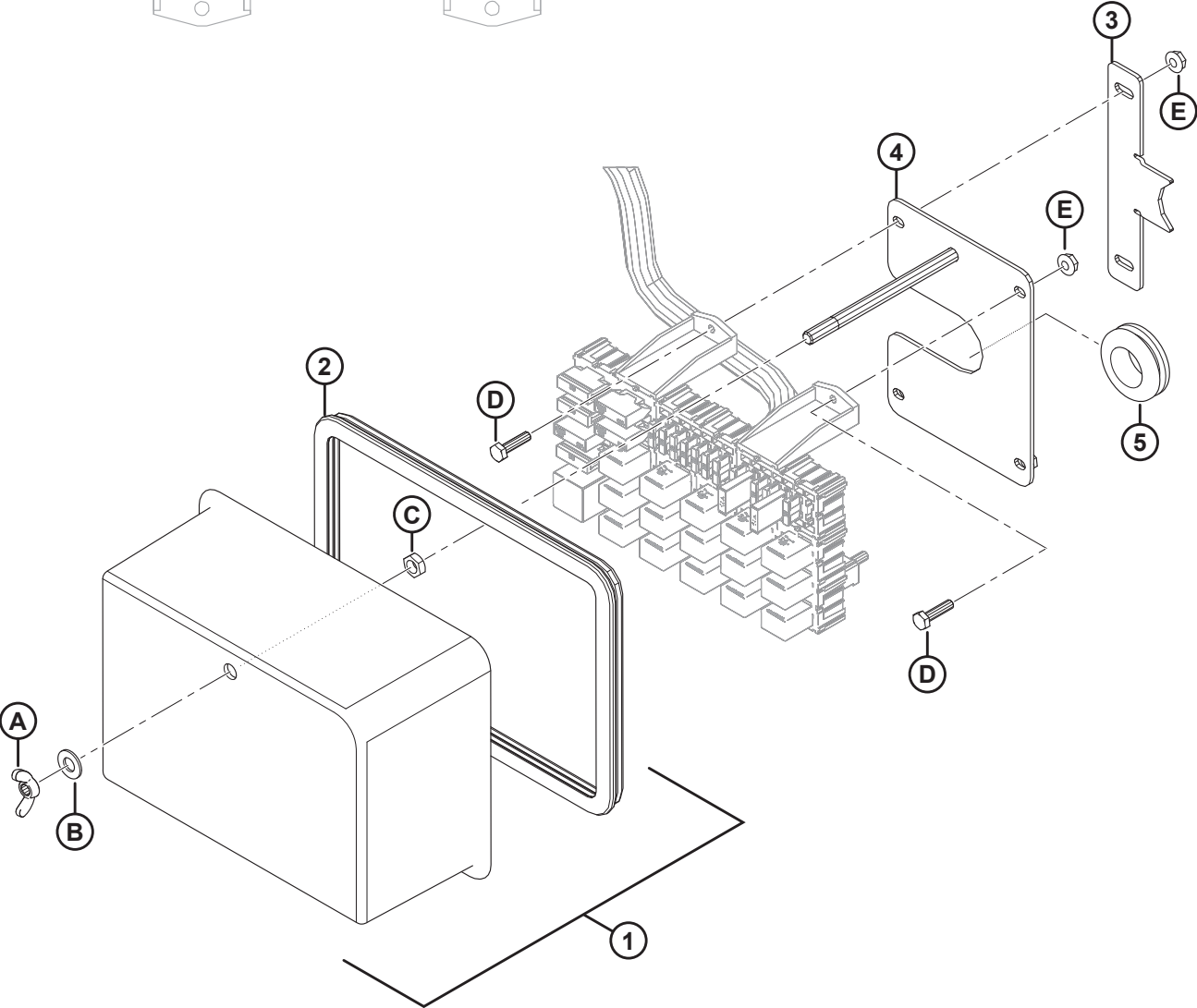
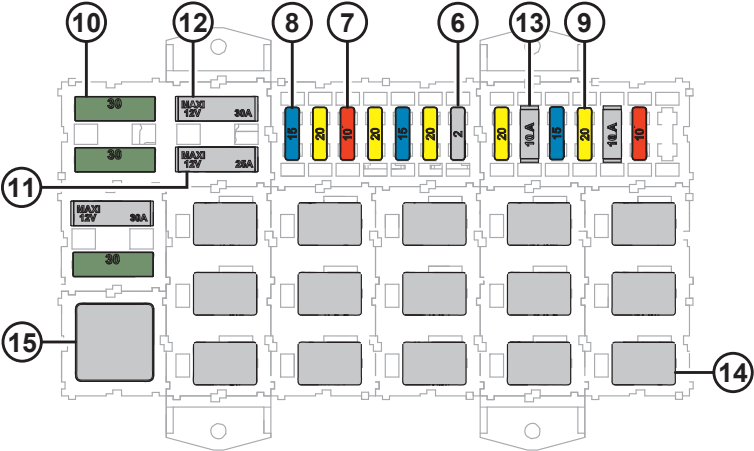
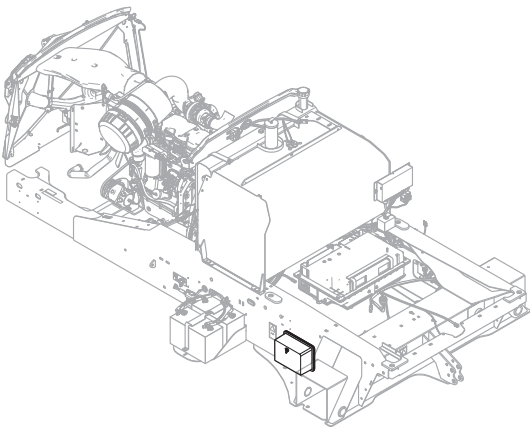
NOTE:

Contact your Dealer for information regarding software updates to the electronic modules. Your Dealer will have the necessary interface tools and access to the latest software upgrades. For specific electrical harness parts, refer to Electrical Connector Parts Catalog (MD #169641).

Ref	Part Number	Description	Qty	Serial Number
1	167865	HARNESS – CHASSIS M SERIES	1	
2	183910	MODULE – WINDROWER CONTROL (WCM)	1	
3	30215	RELAY – MINI, 12 VDC	2	
4	109835	SEAL – FOAM	1	
5	111504	POWER RELAY – 12V, 75A	1	
6	183258	SHIELD – STARTER RELAY	1	
7	111506	FUSE – HOLDER	2	
8	111505	FUSE – 125 AMP	2	
9	109993	BAR – BUSS, MAIN FUSES	1	
10	111672	INSULATOR – SHORTING BAR	1	
11	112640	GROMMET – 25.5 MM I.D.	1	
12	111713	GROMMET – 1.50 IN. I.D.	2	
13	50022	CLAMP – INSULATED 15/16 INCH	3	
14	135716	CLAMP – INSULATED 5/8 IN.	2	
15	293012	FASTENER – ADHESIVE CLIP	2	
16	21763	FASTENER – CABLE TIE, 160 MM LG	2	
17	30753	FASTENER – CABLE TIE, 305 MM LG	1	
18	134916	RELAY – MINI, 12 VDC SKIRTED	2	
19	REF	PANEL – FUSE, MAIN ¹²²		
20	135736	CLAMP – INSULATED 1 5/8 IN.	2	
A	21281	BOLT – RHSN 5/16-18 X .75-GR5-ZP		
B	21403	NUT – FLG (SERR FACE) 5/16 NC GR 5 ZP		
C	30228	NUT – FLANGE DT SMOOTH FACE 0.375-16 UNC		
D	21947	SCREW – SELF TAPPING HEX WASH HD #10 X 5/8 ZP		
E	21572	BOLT – HEX HD 1/4 NC X 0.625 LG GR 5 ZP		
F	135248	NUT – FLG SMTH FACE 1/4-20NC GR 5 ZP CTR LK DT THD		
G	19965	BOLT – RHSN 3/8-16 X 1-GR5-ZP		
H	21566	BOLT – HEX HD 1/4 NC X 0.75 LG GR 5 ZP		
J	21455	NUT – FLG (SERR FACE) 1/4 NC GR 5 ZP		
K	18577	SCREW – MACH PHILIPS PAN HD #10 NC X 3/4		
L	21492	NUT – FLG (SERR FACE) #10 NC GR 5 ZP		

122. For service parts, refer to Section [72 Electrical – Main Fuse Panel, page 181](#).

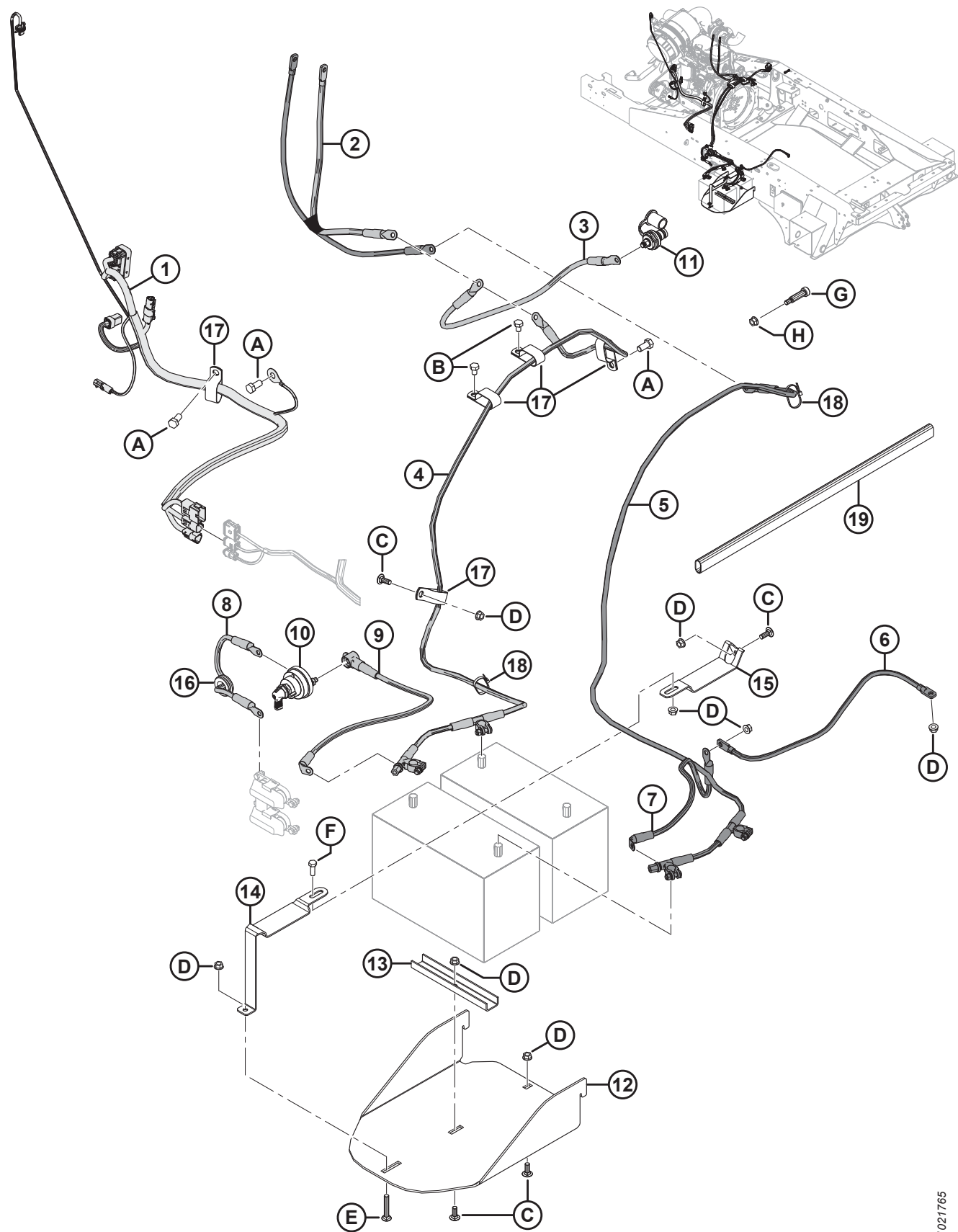
72 Electrical – Main Fuse Panel



ELECTRICAL – MAIN FUSE PANEL

Ref	Part Number	Description	Qty	Serial Number
1	109962	FUSE COVER – ASSEMBLY, WITH TRIM-LOK SEAL	1	
2	139366	SEAL – TRIM-LOK, 3/8 IN. BULB, 1/8 IN. GRIP	1	
3	163386	BRACKET – FUSE PANEL HARNESS SUPPORT	1	
4	110586	COVER – FUSE PANEL WELDT	1	
5	112640	GROMMET – 25.5 MM I.D.	1	
6	252695	FUSE – ATC, 2 AMP	1	
7	135217	FUSE – ATC, 10 AMP (RED)	2	
8	135218	FUSE – ATC, 15 AMP (BLUE)	3	
9	135219	FUSE – ATC, 20 AMP (YELLOW)	5	
10	135207	FUSE – MAXI, 30 AMP (GREEN)	3	
11	134762	BREAKER – MAXI TYPE 1, 25 AMPS	1	
12	134764	BREAKER – MAXI TYPE 1, 30 AMPS	2	
13	135458	BREAKER – ATO/ATC, 10A, BLADE	2	
14	134837	RELAY – MICRO, 12 VDC, SPDT	15	
15	30215	RELAY – MINI, 12 VDC	1	
A	21289	NUT – WING TYPE A 3/8 NC ZP		
B	18598	WASHER – SAE FLAT 13/32 ID X 13/16 IN OD ZP		
C	18664	NUT – HEX JAM 3/8-16 UNC GR 5 ZP		
D	21573	BOLT – HEX HD 1/4 NC X 1.0 LG GR 5 ZP		
E	21455	NUT – FLG (SERR FACE) 1/4 NC GR 5 ZP		

73 Electrical – Battery and Engine



1021765

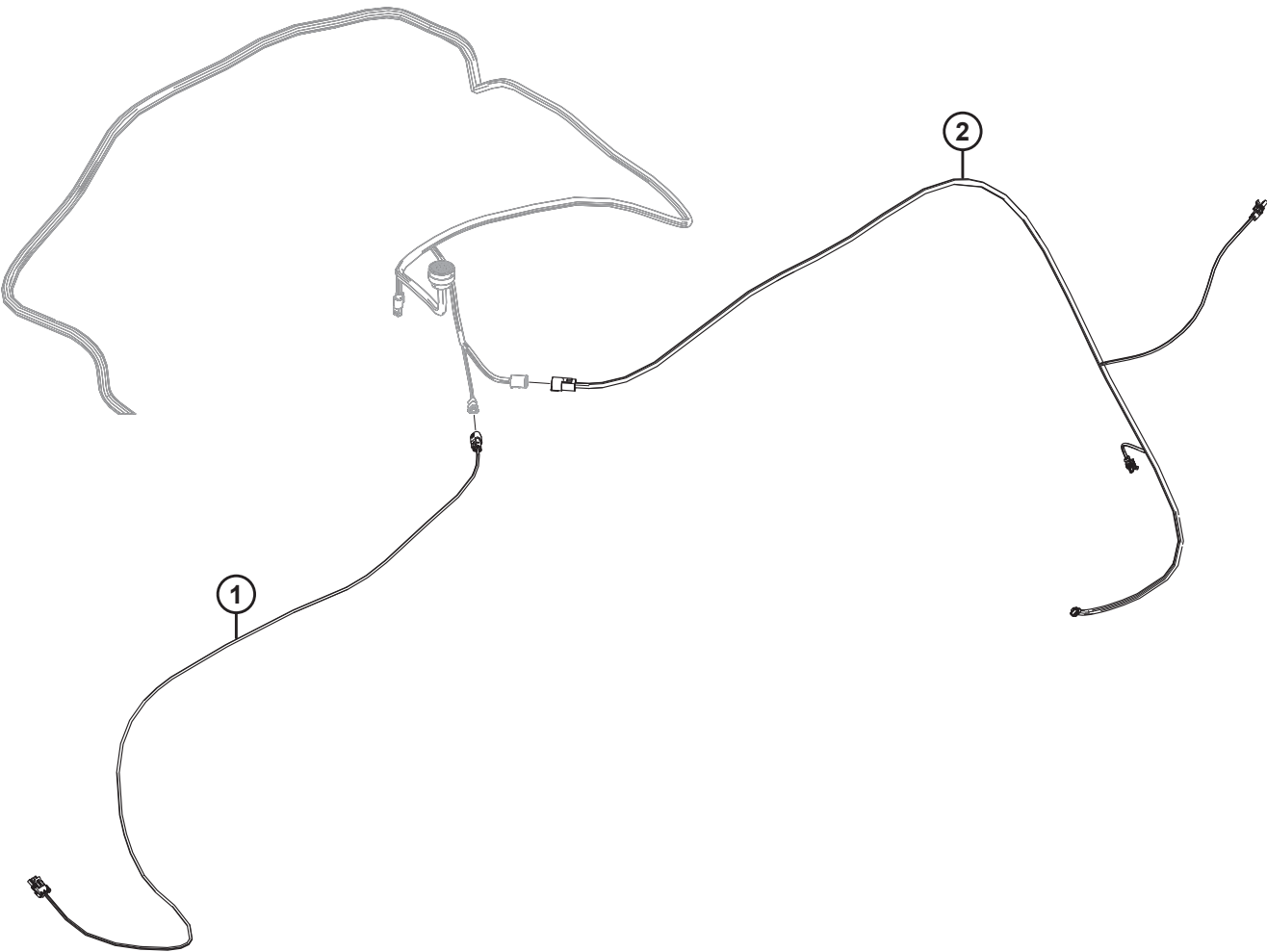
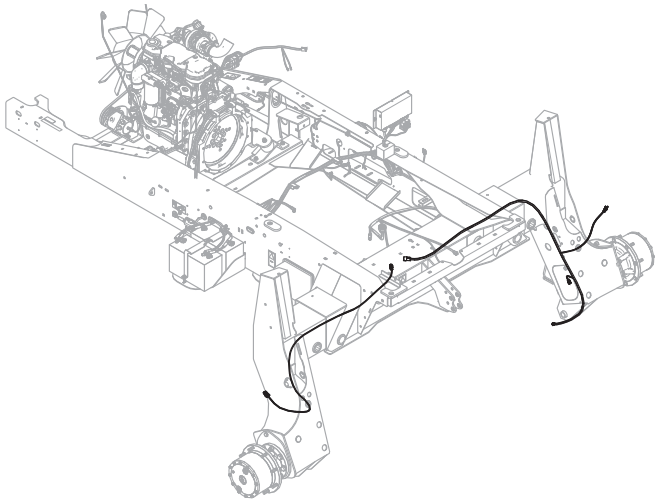
ELECTRICAL – BATTERY AND ENGINE

NOTE:

Contact your Dealer for information regarding software updates to the electronic modules. Your Dealer will have the necessary interface tools and access to the latest software upgrades. For specific electrical harness parts, refer to Electrical Connector Parts Catalog (MD #169641).

Ref	Part Number	Description	Qty	Serial Number
1	167871	HARNESS – ENGINE, M SERIES T3	1	
2	109756	HARNESS – STARTER TO ALTERNATOR	1	
3	138690	CABLE – BOOST TO STARTER	1	
4	109951	CABLE – DUAL BATTERY, POSITIVE	1	
5	109953	CABLE – DUAL BATTERY, NEGATIVE	1	
6	111591	CABLE – GROUND CAB	1	
7	109956	CABLE – BATTERY TO FRAME, NEGATIVE	1	
8	183097	CABLE – SWITCH TO FUSES	1	
9	183030	CABLE – BATTERY TO SWITCH	1	
10	166271	SWITCH – BATTERY MASTER DISCONNECT	1	
11	166318	TERMINAL – JUMP START POST, POSITIVE	1	
12	110400	SUPPORT – DUAL BATTERY	1	
13	111465	CHANNEL – BATTERY SPACER	1	
14	166985	BRACKET – HOLD DOWN, DUAL BATTERY	1	
15	166846	BRACKET – HOLD DOWN, DUAL BATTERY	1	
16	112640	GROMMET	1	
17	50022	CLAMP – INSULATED 15/16 INCH	5	
18	21763	FASTENER – CABLE TIE, 160 MM LG	2	
19	111712	SLEEVE	1	
A	50155	BOLT – HEX HD TFL M12 X 1.75 X 25-8.8-A3L		
B	50071	BOLT – HEX HD TFL M10 X 1.5 X 15-8.8-A3L		
C	19965	BOLT – RHSN 3/8-16 X 1-GR5-ZP		
D	30228	NUT – FLANGE DT SMOOTH FACE 0.375-16 UNC		
E	30432	BOLT – RHSN 3/8 NC X 2.25 TFL GR 5 ZP		
F	20077	BOLT – HEX HD 3/8 NC X 1.0 LG GR 5 ZP		
G	184524	SCREW – HEX SOC HD SHLDR 1/2-3/8		
H	21452	NUT – FLANGE (SERR. FACE).375-16 UNC		

74 Electrical – Wheel Legs



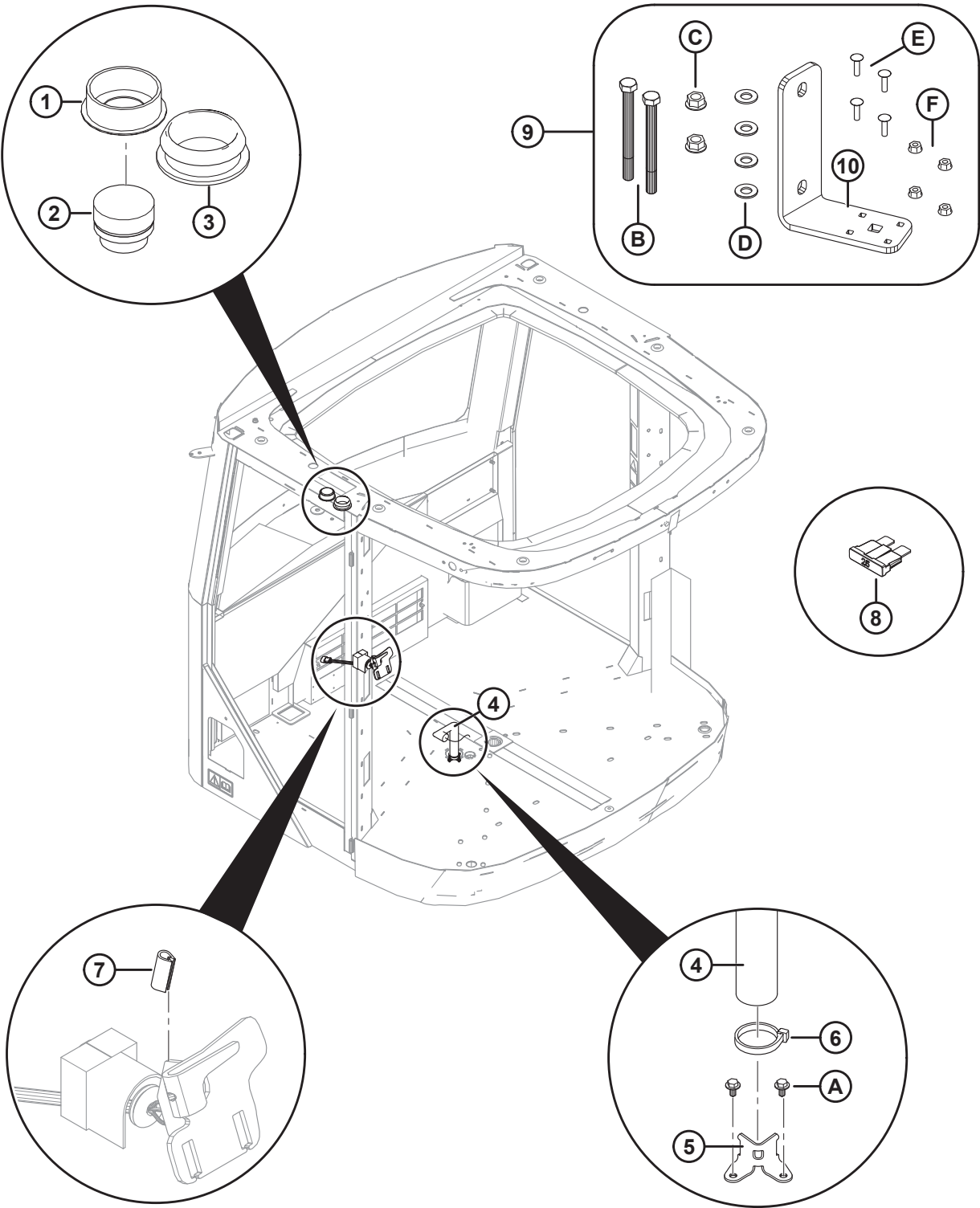
ELECTRICAL – WHEEL LEGS

NOTE:

For specific electrical harness parts, refer to Electrical Connector Parts Catalog (MD #169641).

Ref	Part Number	Description	Qty	Serial Number
1	109755	HARNESS – WHEEL LEG, RH	1	
2	109545	HARNESS – WHEEL LEG, LH	1	

75 Electrical – GPS



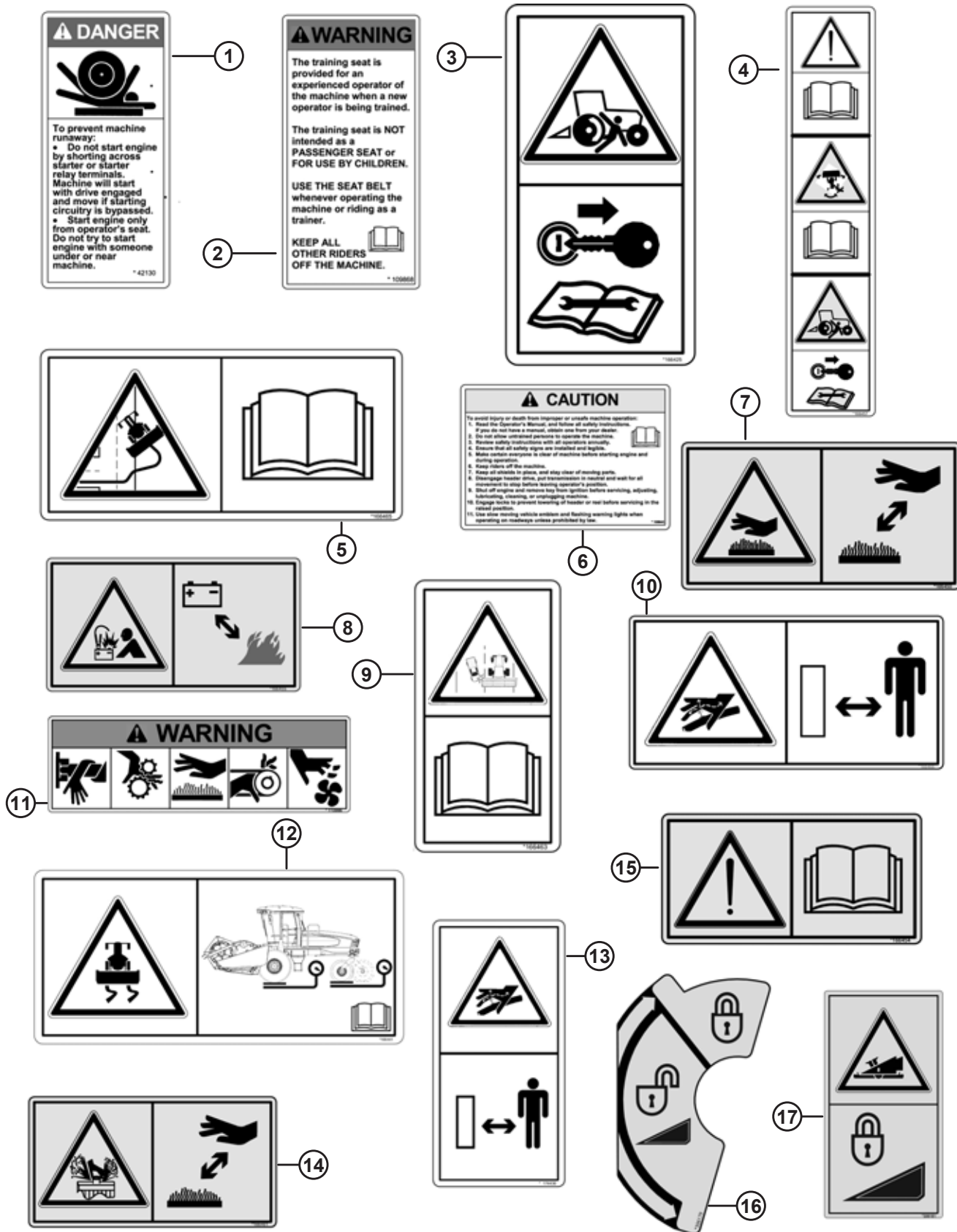
1008855

ELECTRICAL – GPS

Ref	Part Number	Description	Qty	Serial Number
1	183318	PLUG – DECORATIVE 1.25 IN. HOLE	1	
2	183316	BUZZER – SON ALERT	1	
3	183319	PLUG – 53 MM	1	
4	183254	HARNESS – EZ PILOT	1	
5	183347	BRACKET – FLEXAUST	1	
6	21763	FASTENER – CABLE TIE, BLACK, 160 MM LG	1	
7	42072	MOULDING	1	
8	135220	FUSE – ATC, 25 AMP	1	
9	183348	KIT – TRIMBLE DISPLAY MOUNT ¹²³	1	
10	131412	SUPPORT – DISPLAY	1	
A	136605	SCREW – TPG HEX FLG HD #8-18 X 3/8-CS-ZP		
B	21593	BOLT – HH 3/8 NC X 4.0 LG GR 5 ZP		
C	21452	NUT – FLG (SER FACE) .375-16 UNC		
D	18598	WASHER – SAE FLAT 13/32 I.D. X 13/16 IN. O.D. ZP		
E	158722	BOLT – RH SN #10-24 NC X 3/4 GR 2 ZP		
F	21492	NUT – FLG (SER FACE) #10 NC GR 5 ZP		

123. Kit includes display support (MD #131412) and hardware B–F.

76 Decals – Safety (2012 and Prior)



1029980

DECALS – SAFETY (2012 AND PRIOR)

NOTE:

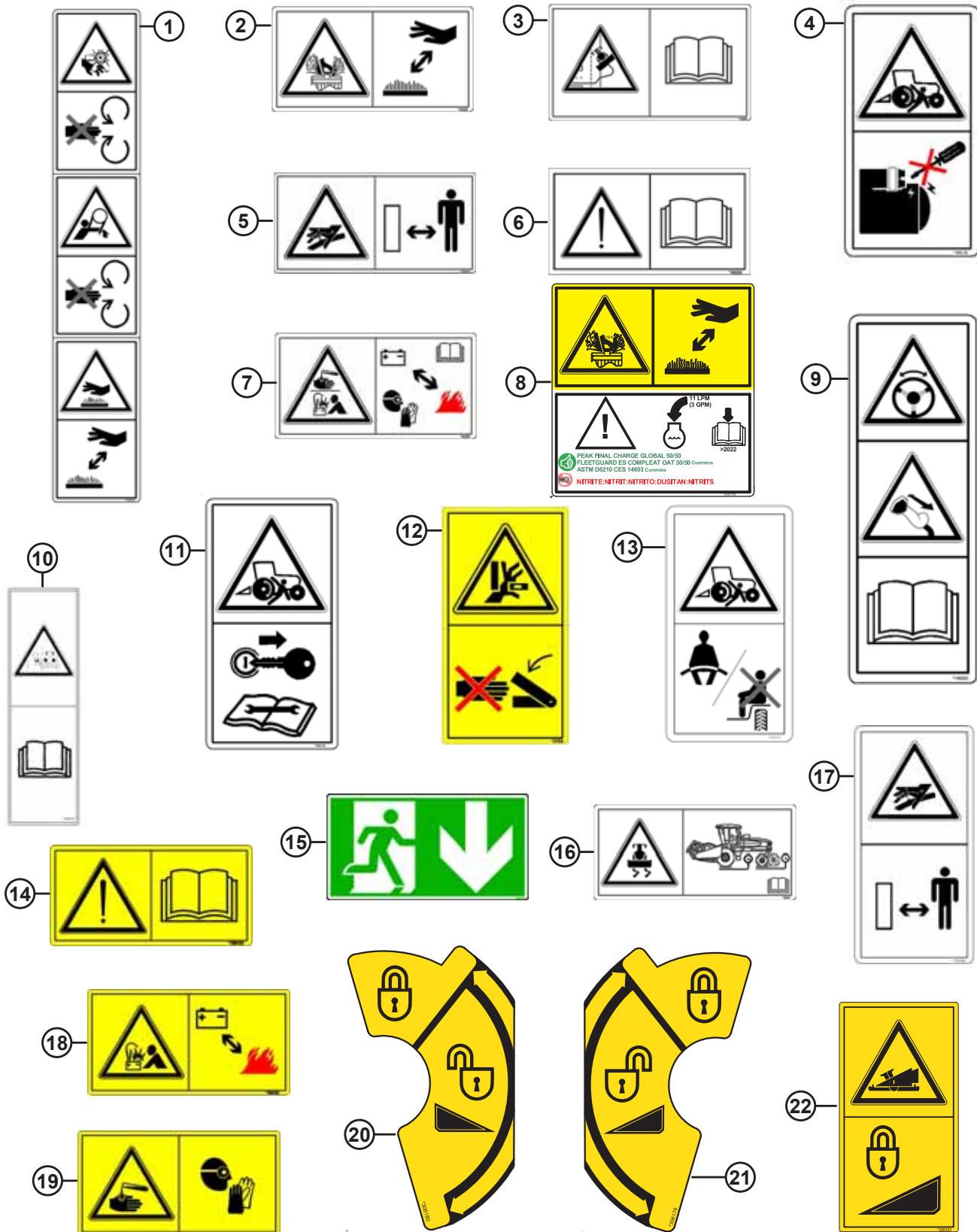
All decals listed have been replaced by two-panel decals for 2013 and later. Decals listed are available as service parts only until stock is depleted.

NOTE:

- Safety Decals – 2013 and Later, refer to Section *77 Decals – Safety (2013 and Later), page 191*
- Information Decals and Reflectors, refer to Section *78 Decals – Information and Reflectors, page 193*
- Product Identification Decals, refer to Section *79 Decals – Product Identification, page 197*
- Russian Language Decals, refer to Section *80 Decals – Russian, page 199*

Ref	Part Number	Description	Qty	Serial Number
1	42130	DECAL – DANGER		–229509
2	109868	DECAL – WARNING, TRAINING SEAT AND SEAT BELTS		–229509
3	166425	DECAL – DANGER		–229509
4	166457	DECAL – WARNING, READ MANUAL STEERING SERVICE		–229509
5	166465	DECAL – STEERING CONTROL		–229509
6	109843	DECAL – GENERAL CAUTION		–229509
7	166450	DECAL – WARNING HOT SURFACE		–229509
8	166455	DECAL – WARNING, BATTERY EXPLOSION		–229509
9	166463	DECAL – TRANSPORT		–229509
10	166466	DECAL – HIGH PRESSURE FLUID (HORIZONTAL FORMAT)		–229509
11	110986	DECAL – WARNING		–229509
12	166441	DECAL – CAUTION, GVW		–229509
13	174436	DECAL – HIGH PRESSURE FLUID		–229509
14	166461	DECAL – HOT FLUID		–229509
15	166454	DECAL – READ MANUAL		–229509
16	306179	DECAL – HEADER LOCK, LH		–229509
	306180	DECAL – HEADER LOCK, RH		–229509
17	306181	DECAL – HEADER LOCK, 2 PANEL		–229509

77 Decals – Safety (2013 and Later)



1039970

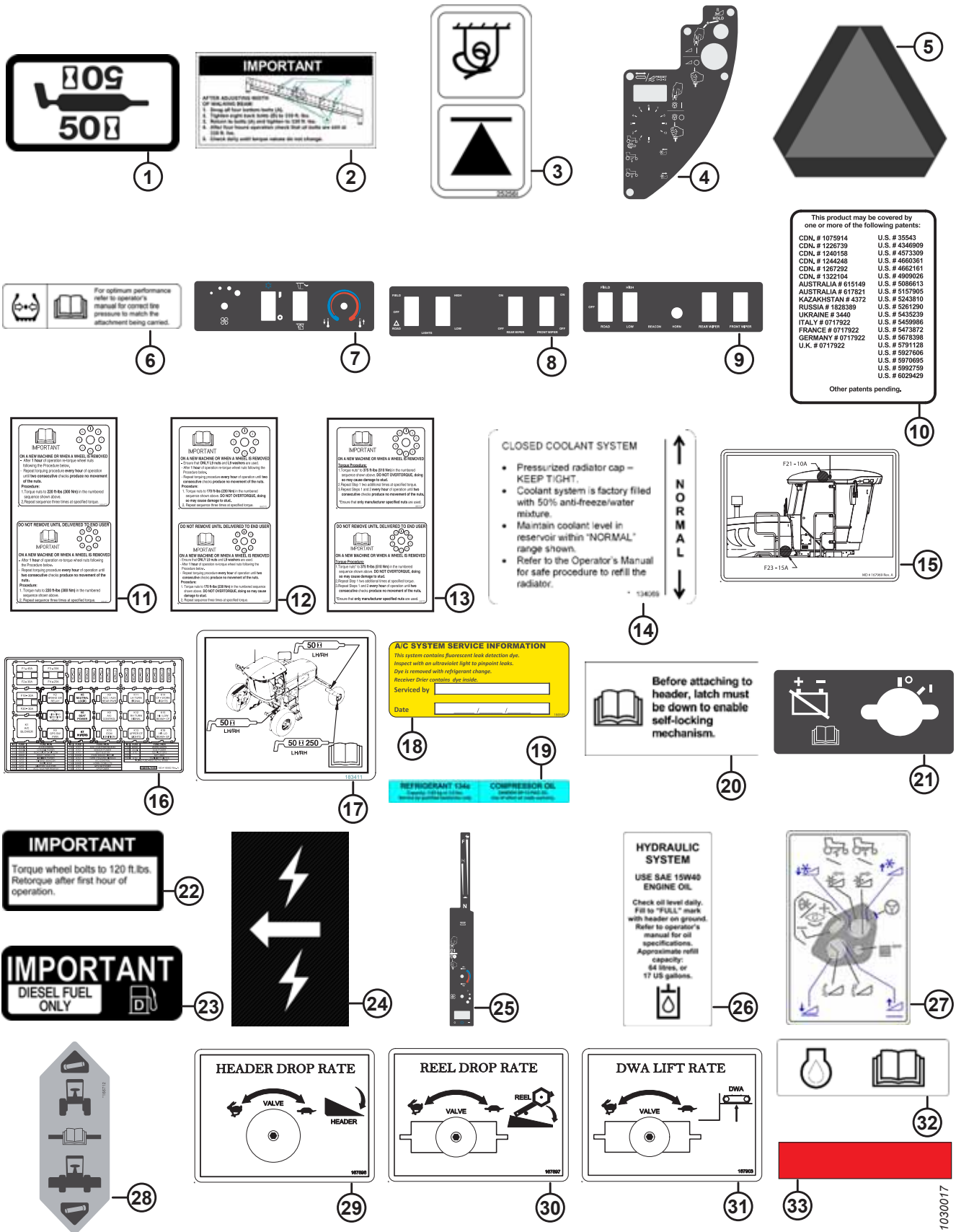
DECALS – SAFETY (2013 AND LATER)

NOTE:

- Safety Decals – 2012 and Prior, refer to Section *76 Decals – Safety (2012 and Prior)*, page 189
- Information Decals and Reflectors, refer to Section *78 Decals – Information and Reflectors*, page 193
- Product Identification Decals, refer to Section *79 Decals – Product Identification*, page 197
- Russian Language Decals, refer to Section *80 Decals – Russian*, page 199

Ref	Part Number	Description	Qty	Serial Number
1	166235	DECAL – WARNING		229510–
2	166232	DECAL – CAUTION		229510–
3	166264	DECAL – STEERING CONTROL		229510–
4	166233	DECAL – DANGER		229510–
5	166466	DECAL – HIGH PRESSURE FLUID		229510–
6	166324	DECAL – READ MANUAL		229510–
7	166230	DECAL – WARNING (BATTERY EXPLOSION)		229510–
8	306756	DECAL – NITRITE FREE		229510–
9	166263	DECAL – WARNING STEERING/GROUND SPEED		229510–
10	160427	DECAL – TRANSPORT		229510–
11	166236	DECAL – DANGER (88 X 168)		229510–
	166425	DECAL – DANGER (62 X 120)		229510–
12	167502	DECAL – WARNING, PINCH HAZARD		229510–
13	166234	DECAL – WARNING (TRAINING SEAT AND SEAT BELTS)		229510–
14	166454	DECAL – READ MANUAL		229510–
15	167504	DECAL – EMERGENCY EXIT		229510–
16	166441	DECAL – CAUTION GVW		229510–
17	174436	DECAL – HIGH PRESSURE FLUID		229510–
18	166455	DECAL – WARNING, BATTERY EXPLOSION		229510–
19	166456	DECAL – WARNING, BATTERY BURN		229510–
20	306180	DECAL – HEADER LOCK, RH		229510–
21	306179	DECAL – HEADER LOCK, LH		229510–
22	306181	DECAL – HEADER LOCK, 2 PANEL		229510–

78 Decals – Information and Reflectors



DECALS – INFORMATION AND REFLECTORS

NOTE:

- Safety Decals – 2012 and Prior, refer to Section [76 Decals – Safety \(2012 and Prior\)](#), page 189
- Safety Decals – 2013 and Later, refer to Section [77 Decals – Safety \(2013 and Later\)](#), page 191
- Product Identification Decals, refer to Section [79 Decals – Product Identification](#), page 197
- Russian Language Decals, refer to Section [80 Decals – Russian](#), page 199

Ref	Part Number	Description	Qty	Serial Number
1	23165	DECAL – 50 HR LUBE		
	183412	DECAL – 250 HR LUBE		
2	109842	DECAL – IMPORTANT		
3	252561	DECAL – TIE DOWN AND 'JACK HERE'		
4	183313	DECAL – SWITCH PANEL		
5	115148	DECAL – SLOW MOVING VEHICLE (BEHIND DRIVER'S SEAT)		
6	111221	DECAL – TIRE PRESSURE		
7	109716	DECAL – RH CAB OVERHEAD CONSOLE		
8	109534	DECAL – LIGHTS		
9	160367	DECAL – LIGHTS, 'BEACON' AND 'HORN' TEXT ADDED		
10	32070	DECAL – PATENTS		
11	166472	DECAL – BOLT TORQUE, 8 BOLT (2012 AND PRIOR) ¹²⁴		
	166497	DECAL – BOLT TORQUE, 8 BOLT (2012 AND PRIOR) DO NOT REMOVE UNTIL DELIVERED TO END USER ¹²⁴		
12	166575	DECAL – BOLT TORQUE, 8 BOLT (2013–2014) ¹²⁵		
	166576	DECAL – BOLT TORQUE, 8 BOLT (2013–2014) DO NOT REMOVE UNTIL DELIVERED TO END USER ¹²⁵		
13	166727	DECAL – BOLT TORQUE, 10 BOLT (2015 AND LATER) ¹²⁶		
	166705	DECAL – BOLT TORQUE, 10 BOLT (2015 AND LATER) DO NOT REMOVE UNTIL DELIVERED TO END USER ¹²⁶		
14	134069	DECAL – COOLANT SYSTEM		
15	167969	DECAL – M INLINE FUSES		
16	160652	DECAL – FUSE BLOCK ¹²⁷		321190–
	183562	DECAL – FUSE BLOCK ¹²⁸		266820–321189
	183338	DECAL – FUSE BLOCK ¹²⁹		–266819
17	183411	DECAL – LUBRICATION		
18	166509	DECAL – A/C DYE		
19	183179	DECAL – REFRIGERANT/OIL		

124. 8 bolt, flange nut (220 ft·lbf). This decal should be used with units that still have eight-bolt wheels with 5/8 in. flange nuts like those originally installed in the factory. If your unit has been upgraded to 5/8 in. L9 nuts and washers, order item #12 (MD #166575 or 166576) instead. If you aren't sure which you have, see your Dealer. For the upgrade kit (which includes the appropriate decal), refer to Section [11 Drive Wheels and Tires – Eight Bolt](#), page 21.

125. 8 bolt, L9 (170 ft·lbf). This decal should be used with units that have eight-bolt wheels with 5/8 in. L9 nuts and washers. If your unit still has 5/8 in. flange nuts, order item #11 (MD #166472 or 166497) instead. If you aren't sure which you have, see your Dealer.

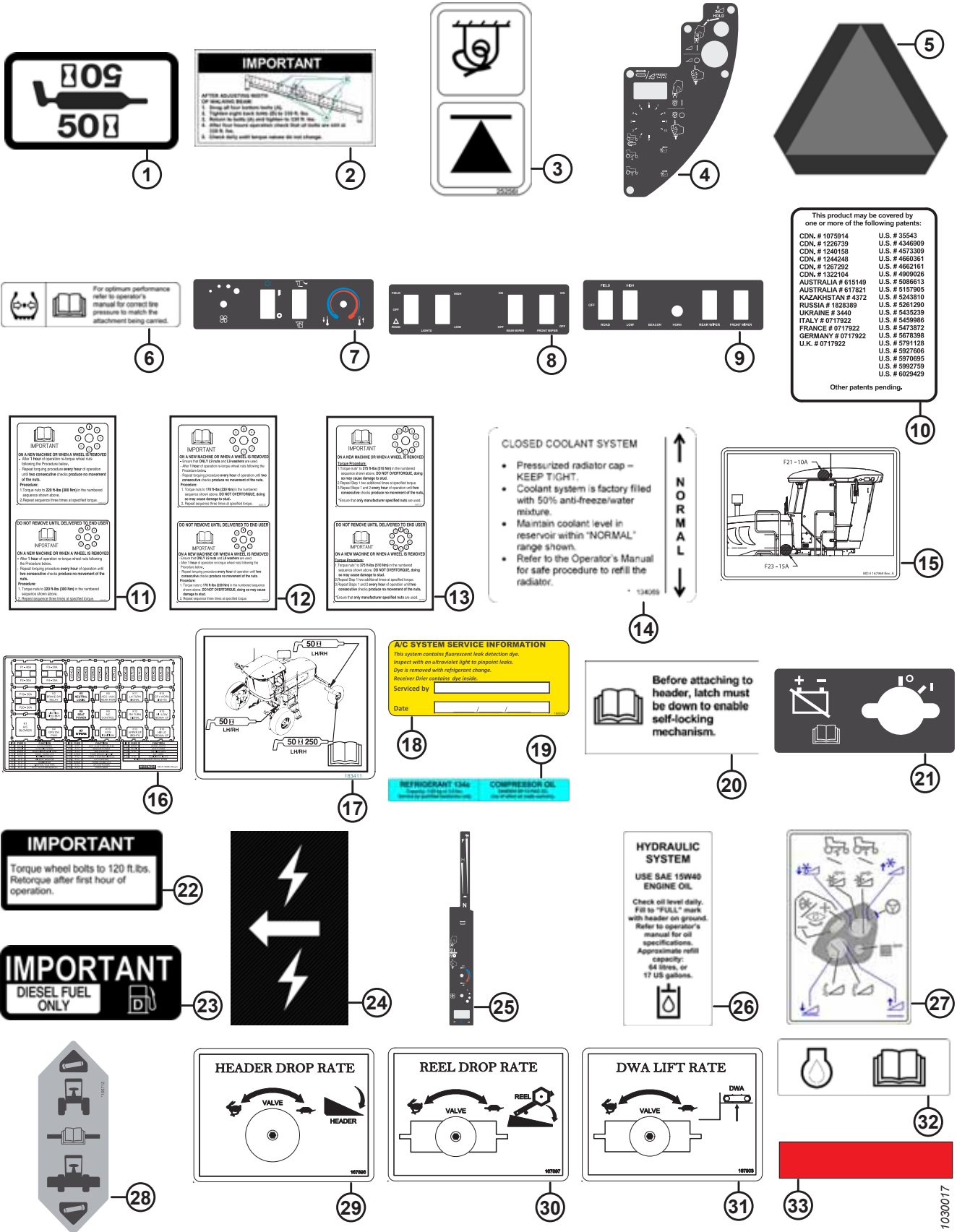
126. 10 bolt, nut – modified with two-piece washer (375 ft·lbf).

127. For units made in model year 2018 and later.

128. Service part only for units made in model years 2015 to 2017.

129. Service part only for units made in model year 2014 and prior.

DECALS – INFORMATION AND REFLECTORS



DECALS – INFORMATION AND REFLECTORS

Ref	Part Number	Description	Qty	Serial Number
20	139723	DECAL – LATCH HANDLE		
21	166273	DECAL – BATTERY MASTER DISCONNECT		
22	101375	DECAL – TORQUE WHEEL BOLTS (10 X 16 CASTERS ONLY)		
23	24769	DECAL – DIESEL FUEL ONLY		
24	109205	DECAL – AUXILIARY POWER		
25	183314	DECAL – GROUND SPEED		
26	110990	DECAL – HYDRAULIC OIL		
27	160108	DECAL – CONTROL		
28	166712	DECAL – FLOAT PIN POSITION		
29	167896	DECAL – HEADER DROP RATE		
30	167897	DECAL – REEL DROP RATE		
31	167903	DECAL – DWA LIFT RATE		
32	110988	DECAL – ENGINE OIL		
33	115145	REFLECTOR – FLUORESCENT RED-ORANGE		
	115146	REFLECTOR – AMBER		
	115147	REFLECTOR – RED		

79 Decals – Product Identification

MacDon
M155

1

MacDon

2

 **WESTWARD**
M155

4

 **WESTWARD**

5

Premier
M155

6

Premier

7

 **DUAL**
DIRECTION

3

 **ULTRA**
GLIDE

8

 **Trimble** **READY**

9

1021957

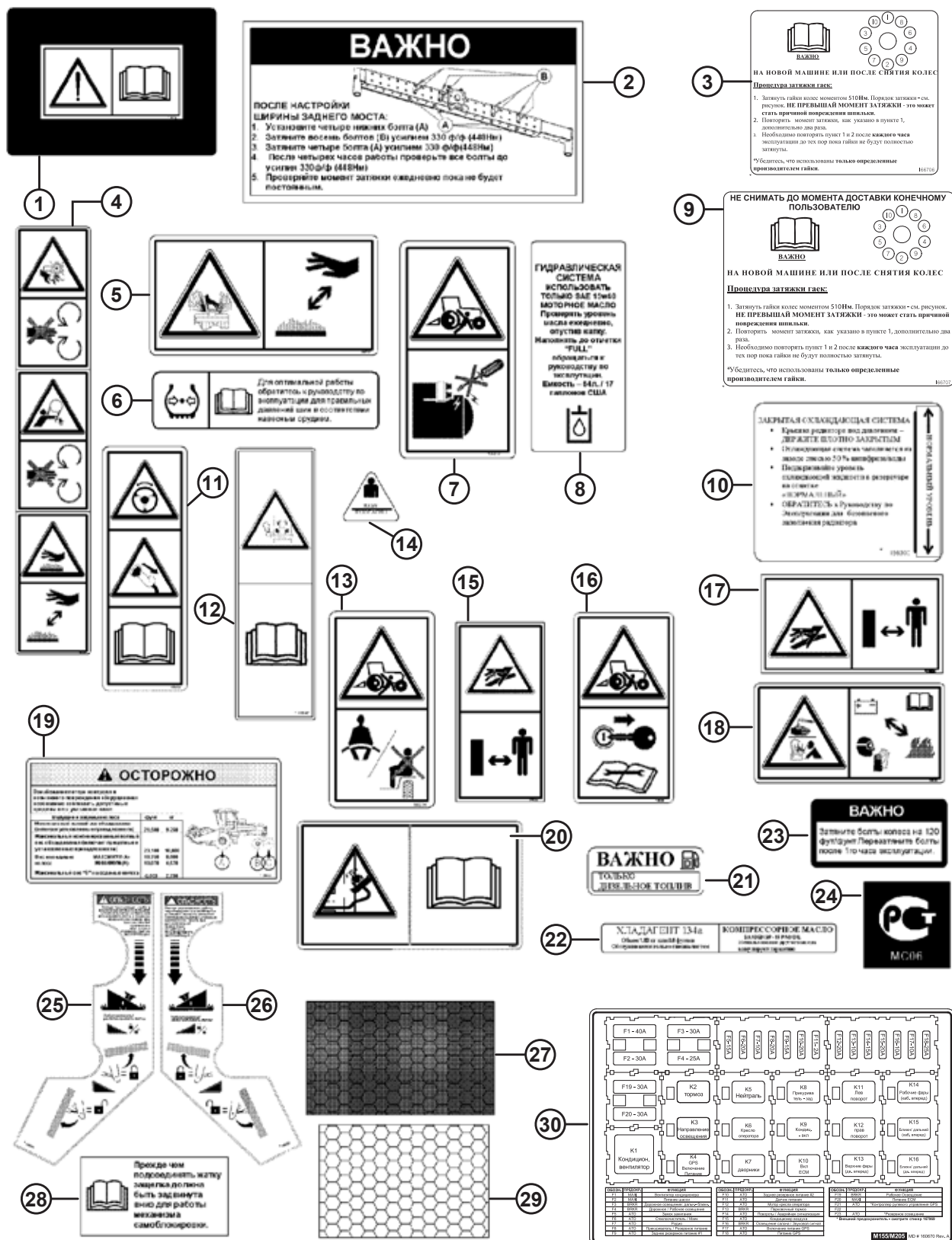
DECALS – PRODUCT IDENTIFICATION

NOTE:

- Safety Decals – 2012 and Prior, refer to Section *76 Decals – Safety (2012 and Prior), page 189*
- Safety Decals – 2013 and Later, refer to Section *77 Decals – Safety (2013 and Later), page 191*
- Information Decals and Reflectors, refer to Section *78 Decals – Information and Reflectors, page 193*
- Russian Language Decals, refer to Section *80 Decals – Russian, page 199*

Ref	Part Number	Description	Qty	Serial Number
1	139678	DECAL – MD LH HOOD	1	
	139679	DECAL – MD RH HOOD	1	
2	163298	DECAL – MACDON, FRONT OF CAB	1	
3	163299	DECAL – DUAL DIRECTION	2	
		WESTWARD		
4	139677	DECAL – WESTWARD LH HOOD	1	
	139676	DECAL – WESTWARD RH HOOD	1	
5	163504	DECAL – WESTWARD, FRONT OF CAB	1	
		PREMIER		
6	139675	DECAL – PREMIER LH HOOD	1	
	139674	DECAL – PREMIER RH HOOD	1	
7	171007	DECAL – PREMIER, FRONT OF CAB	1	
8	139818	DECAL – ULTRAGLIDE	2	
9	167727	DECAL – TRIMBLE READY	2	

80 Decals – Russian



DECALS – RUSSIAN

NOTE:

- Safety Decals – 2012 and Prior, refer to Section *76 Decals – Safety (2012 and Prior), page 189*
- Safety Decals – 2013 and Later, refer to Section *77 Decals – Safety (2013 and Later), page 191*
- Information Decals and Reflectors, refer to Section *78 Decals – Information and Reflectors, page 193*
- Product Identification Decals, refer to Section *79 Decals – Product Identification, page 197*

Ref	Part Number	Description	Qty	Serial Number
1	166324	DECAL – READ MANUAL		
2	166278	DECAL – IMPORTANT, RUSSIAN		
3	166706	DECAL – BOLT TORQUE (10 BOLT), RUSSIAN		
	166473	DECAL – BOLT TORQUE (8 BOLT), 2014 AND PRIOR		
4	166235	DECAL – WARNING		
5	166232	DECAL – CAUTION		
6	166309	DECAL – TIRE PRESSURE, RUSSIAN		
7	166233	DECAL – DANGER		
8	166276	DECAL – HYDRAULIC OIL, RUSSIAN		
9	166707	DECAL – BOLT TORQUE (10 BOLT), RUSSIAN		
	166502	DECAL – BOLT TORQUE (8 BOLT), 2014 AND PRIOR		
10	166300	DECAL – COOLANT, RUSSIAN		
11	166263	DECAL – WARNING, STEERING AND GROUND SPEED		
12	160427	DECAL – TRANSPORT		
13	166234	DECAL – WARNING, TRAIN. SEAT AND BELTS		
14	166295	DECAL – SAFETY, RUSSIAN		
15	174436	DECAL – HIGH PRESSURE FLUID (VERTICAL FORMAT)		
16	166236	DECAL – DANGER		
17	166466	DECAL – HIGH PRESSURE FLUID		
18	166230	DECAL – WARNING, BATTERY EXPLOSION		
19	139015	DECAL – GVW, M150/M200 RUSSIAN		
20	166264	DECAL – STEERING CONTROL		
21	166296	DECAL – IMPORTANT DIESEL, RUSSIAN		
22	183181	DECAL – REFRIGERANT/OIL, RUSSIAN		
23	166308	DECAL – TORQUE WHEEL BOLTS (10 X 16 CASTORS)		
25	166323	DECAL – HEADER LOCK, RH, RUSSIAN		
26	166322	DECAL – HEADER LOCK, LH, RUSSIAN		
27	166325	REFLECTOR – RED		
28	139725	DECAL – LATCH HANDLE		
29	166326	REFLECTOR – WHITE		
30	160670	DECAL – FUSE BLOCK, RUSSIAN ¹³⁰		321190–
	183563	DECAL – FUSE BLOCK, RUSSIAN ¹³¹		266820–321189
	166388	DECAL – FUSE BLOCK, RUSSIAN ¹³²		–266819

130. For units made in model year 2018 and later.

131. Service part only for units made in model years 2015 to 2017.

132. Service part only for units made in model year 2014 and prior.

81 Paint

PREPARATION: WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH Approved) and proper containment and clean up. For more information, call the National Lead Information Center at 1-800-424-1313 (in US) or contact your local health authority.

Surface must be free of grease, rust, dirt and wax. Mask off or protect other areas from overspray. Product should be sprayed in a well-ventilated area. Use at room temperature 21 °C (70 °F) for best operation.

FOR BEST RESULTS: Shake until full inside can settles. Hold can at top, and swing bottom of can in a circle for at least 2 minutes, making full barrel around bottom groove. Shake up and down occasionally. Repeat shaking procedure for 10 seconds after each minute of spraying. Press spray button firmly, with the can 15-25 cm (6-10 inches) from surface. Apply several thin coats. To prevent dripping, clear the valve by holding can upside down, and spray until only clear gas comes out.

Made in Canada / Fabriqué au Canada
For / Pour
MACDON INDUSTRIES LTD
WINNIPEG, MANITOBA

PREPARATION: MISE EN GARDE! Enlèvement des anciennes peintures par ponçage, découpage ou toute autre méthode risque de dégager des poussières ou des vapeurs contaminés par le plomb. L'exposition à ces poussières ou vapeurs peut entraîner un dysfonctionnement du cerveau ou d'autres effets nocifs sur la santé, surtout chez les femmes enceintes et les enfants. L'utilisation d'équipement de protection approprié, tel qu'un appareil respiratoire bien ajusté et homologué par le NIOSH, ainsi que des moyens de confinement adéquats et un nettoyage soigné des substances dangereuses. Pour obtenir plus de renseignements, communiquer avec le National Lead Information Center au 1-800-424-1313 (aux E-U) ou avec le service local de santé publique.

La surface doit être exempte de graisse, de rouille, de saleté et de cire. Masquer ou moustrer les surfaces avoisinantes pour les protéger des suraspersions. Le produit doit être vaporisé dans un endroit bien aéré. Pour optimiser les résultats, utiliser à température ambiante 21 °C (70 °F).

POUR DES RÉSULTATS OPTIMUM: Agiter le contenant jusqu'à ce que la balle de mélange bouge librement. Secouer la canette par le haut et en agiter le fond pendant au moins 2 minutes en faisant des mouvements circulaires pour que la balle se déplace autour du fond de la canette. Agiter de haut en bas de temps à autre. Agiter pendant 10 secondes pour chaque minute de vaporisation. Presser fermement sur le bouton de vaporisation en tenant la canette à 15-25 cm (6-10 pouces) de la surface. Appliquer plusieurs couches minces. Pour empêcher le gicler de résineux, le nettoyer en tenant la canette à l'envers et en pressant sur le bouton de vaporisation jusqu'à ce qu'il n'y ait que du gaz incrusté.

Tous les produits conformes à la réglementation sur les COV de votre région.

MacDon Performance Parts

Industrial Touch Up Paint

Peinture de retouche industrielle




DANGER!

FLAMMABLE • CONTENTS UNDER PRESSURE
INFLAMMABLE • CONTENU SOUS PRESSION

Part number / Numéro de pièce

Net weight with paint / Poids net avec peinture **12 oz / 340 g**

Read and understand all safety instructions before using this product.
Lire et comprendre toutes les consignes de sécurité avant d'utiliser ce produit.

Made in Canada / Fabriqué au Canada
For / Pour
MACDON INDUSTRIES LTD
WINNIPEG, MANITOBA

CANADA: CONSUMER CHEMICALS AND CONTAINERS REGULATIONS (CCCR)

CONTENTS MAY CATCH FIRE • CONTAINER MAY EXPLODE IF HEATED • MAY IRRITATE EYES • MAY IRRITATE SKIN

Do not smoke. Do not puncture or incinerate container. Do not breathe fumes. Do not swallow. Do not get on skin or clothing. Use only in a well-ventilated area. Keep away from flames, such as a pilot light, and any object that sparks, such as an electric motor. Store away from heat. Keep out of reach of children.

FIRST AID TREATMENT: Contains Xylene, 1,2,4-Trimethylbenzene, Methyl ethyl ketone, Ethylbenzene. If breathed in, move person to fresh air. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water.

CANADA: RÉGLEMENT SUR LES PRODUITS CHIMIQUES ET LES CONTENANTS DE CONSUMMATION (RPPCC)

LE CONTENU PEUT S'ENFLAMMER • CE CONTENANT PEUT EXPLODIER S'IL EST CHAUFFÉ • PEUT IRRITER LES YEUX • PEUT IRRITER LA PEAU

Ne pas fumer. Ne pas percer. Ne pas brûler le contenant. Ne pas respirer les émanations. Ne pas avaler. Éviter tout contact avec les yeux. Éviter tout contact avec la peau ou les vêtements. N'utiliser que dans un endroit bien aéré. Tenir loin des flammes, telle une flamme pilote, et de tout objet produisant des étincelles, tel un moteur électrique. Conserver loin des sources de chaleur. Tenir hors de portée des enfants.

PREMIERS SOINS: Contient Xylène, 1,2,4-Triméthylbenzène; Méthyléthylcétone; Éthylbenzène. En cas d'inhalation, transporter à l'air frais la personne exposée. En cas d'ingestion, appeler immédiatement un centre antipoison ou un médecin. Ne pas provoquer le vomissement. En cas de contact avec les yeux, rincer avec de l'eau pendant 15 minutes. En cas de contact avec la peau, bien rincer avec de l'eau.

MacDon Performance Parts

Industrial Paint / Peinture industrielle



DANGER!

FLAMMABLE / INFLAMMABLE

One US quart

Part number / Numéro de pièce

946 ml

DIRECTIONS FOR USE
THIS PRODUCT IS READY TO USE. NO PRIMER IS REQUIRED.

APPLICATION
Spray material at 40 to 55 PSI (275 to 380 kPa).

USING A PRIMER IS NOT NECESSARY WITH THIS PRODUCT.
Spray medium wet coat, allow to tack and follow with full wet coat.

FOR VOC REGULATED AREAS
These directions refer to the use of products which may be restricted or require special mixing instructions in VOC regulated areas. Follow mixing and usage recommendations in the VOC Compliant Products Chart for your area.

MODE D'EMPLOI
CE PRODUIT EST PRÊT À L'UTILISATION, AUCUN ENDUIT N'EST REQUIS.

APPLICATION
Pulvériser à une pression de 40 à 55 lb/po (275 à 380 kPa).

L'UTILISATION D'UN APPRÊT N'EST PAS NÉCESSAIRE AVEC CE PRODUIT.
Appliquez une couche moyennement chargée, laissez sécher jusqu'à ce qu'elle devienne poisseuse, puis appliquez une couche chargée.

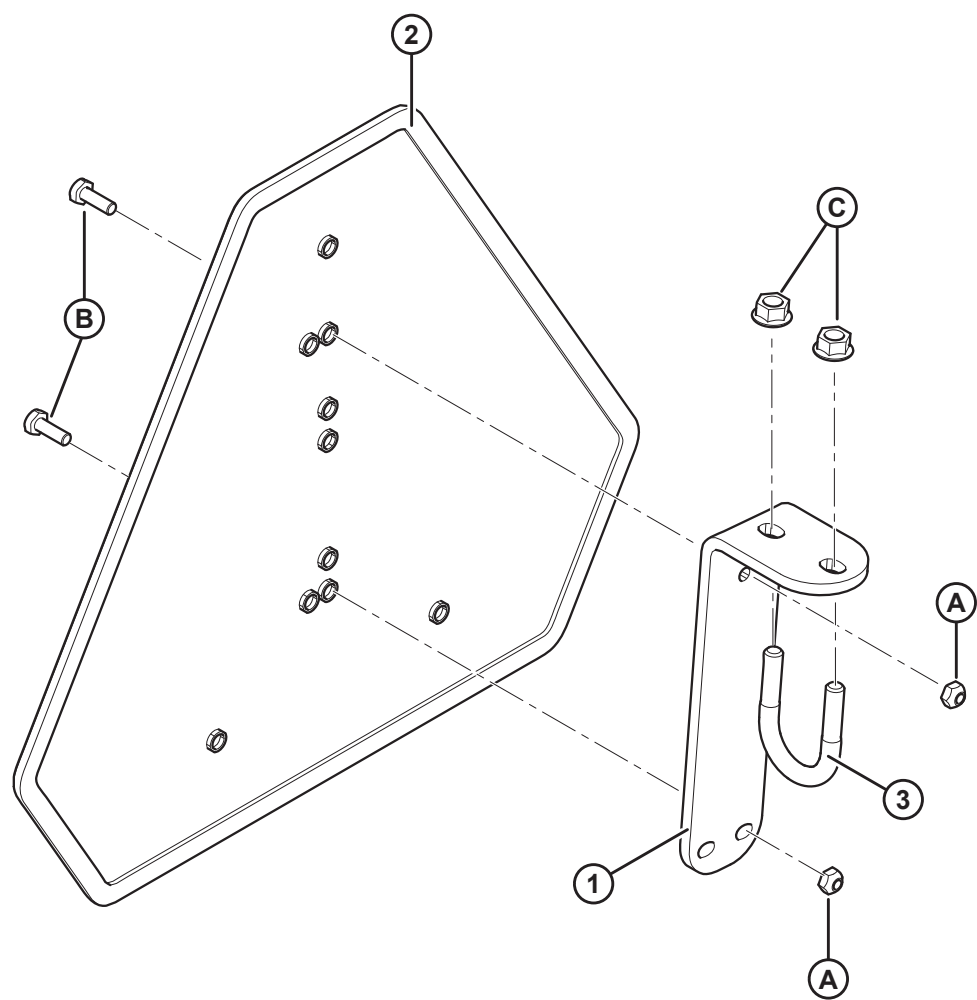
RÉGLEMENTATION SUR LES COV
Ces directives concernent l'utilisation de produits pouvant être réglementés ou soumis à des instructions de mélange spéciales dans les régions où les émissions COV sont réglementées. Suivez les recommandations de mélange et d'emploi indiquées au Tableau des produits conformes à la réglementation sur les COV de votre région.

PAINT

Ref	Part Number	Description	Qty	Serial Number
1	135148	PAINT – BLACK (55-65 GLOSS LEVEL), SPRAY CAN, 12 OZ. (340 G) AEROSOL ¹³³		
	32879	PAINT – WHITE, SPRAY CAN, 12 OZ. (340 G) AEROSOL ¹³³		
	23950	PAINT – RED, SPRAY CAN, 12 OZ. (340 G) AEROSOL ¹³³		
2	25991	PAINT – BLACK (55-65 GLOSS LEVEL), 1 US QUART (946 ML)		
	23957	PAINT – WHITE, 1 US QUART (946 ML)		
	32880	PAINT – RED, 1 US QUART (946 ML)		

133. To be used for small touch-ups only.

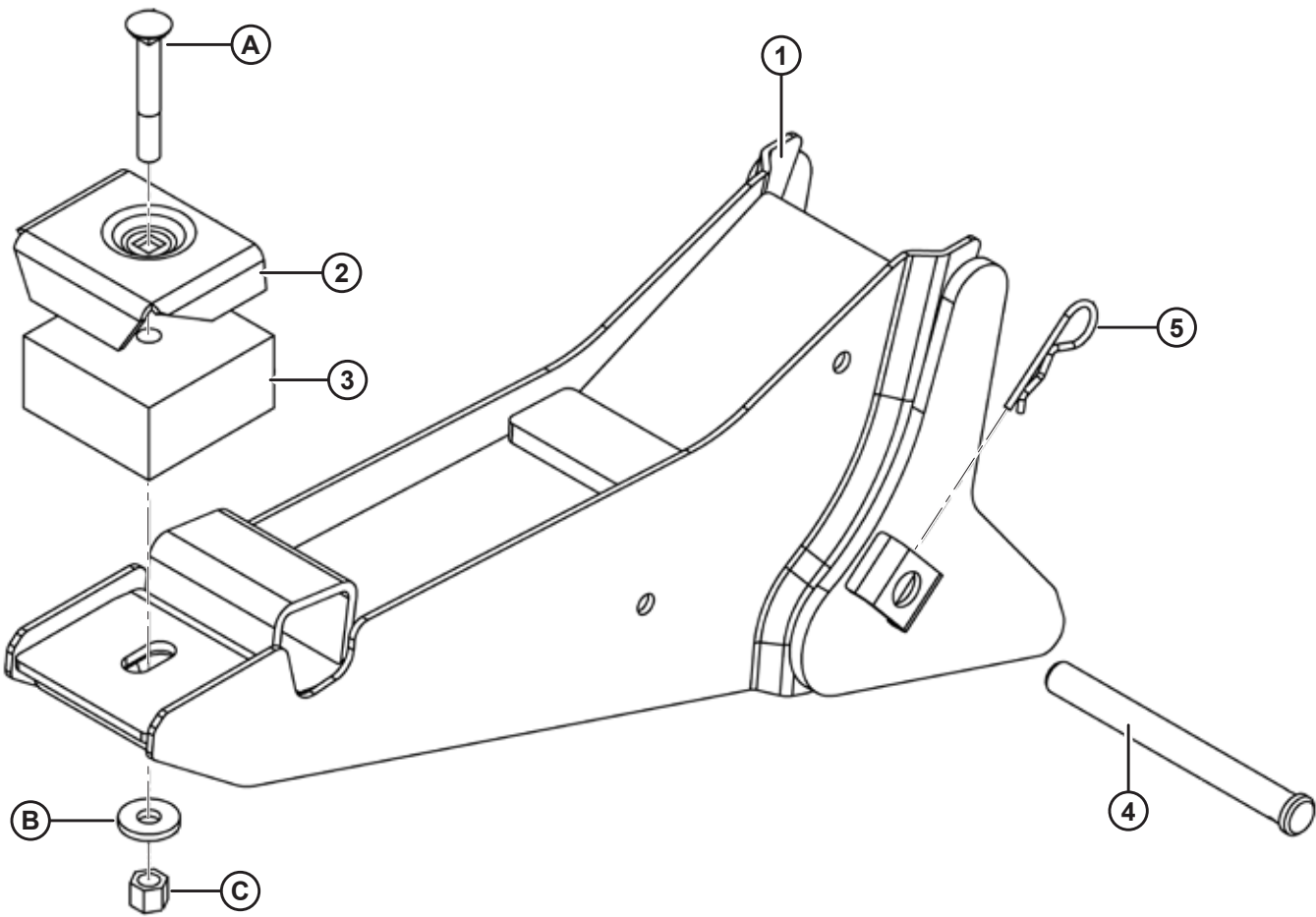
82 Slow Moving Vehicle (SMV) Reflector



SLOW MOVING VEHICLE (SMV) REFLECTOR

Ref	Part Number	Description	Qty	Serial Number
1	138281	SUPPORT – SMV	1	
2	135378	REFLECTOR – SMV	1	
3	112973	U-BOLT	1	
A	18724	NUT – HEX LOCK DT 1/4-20 UNC ZP		
B	21566	BOLT – HEX HD 1/4 NC X 0.75 LG GR 5 ZP		
C	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		

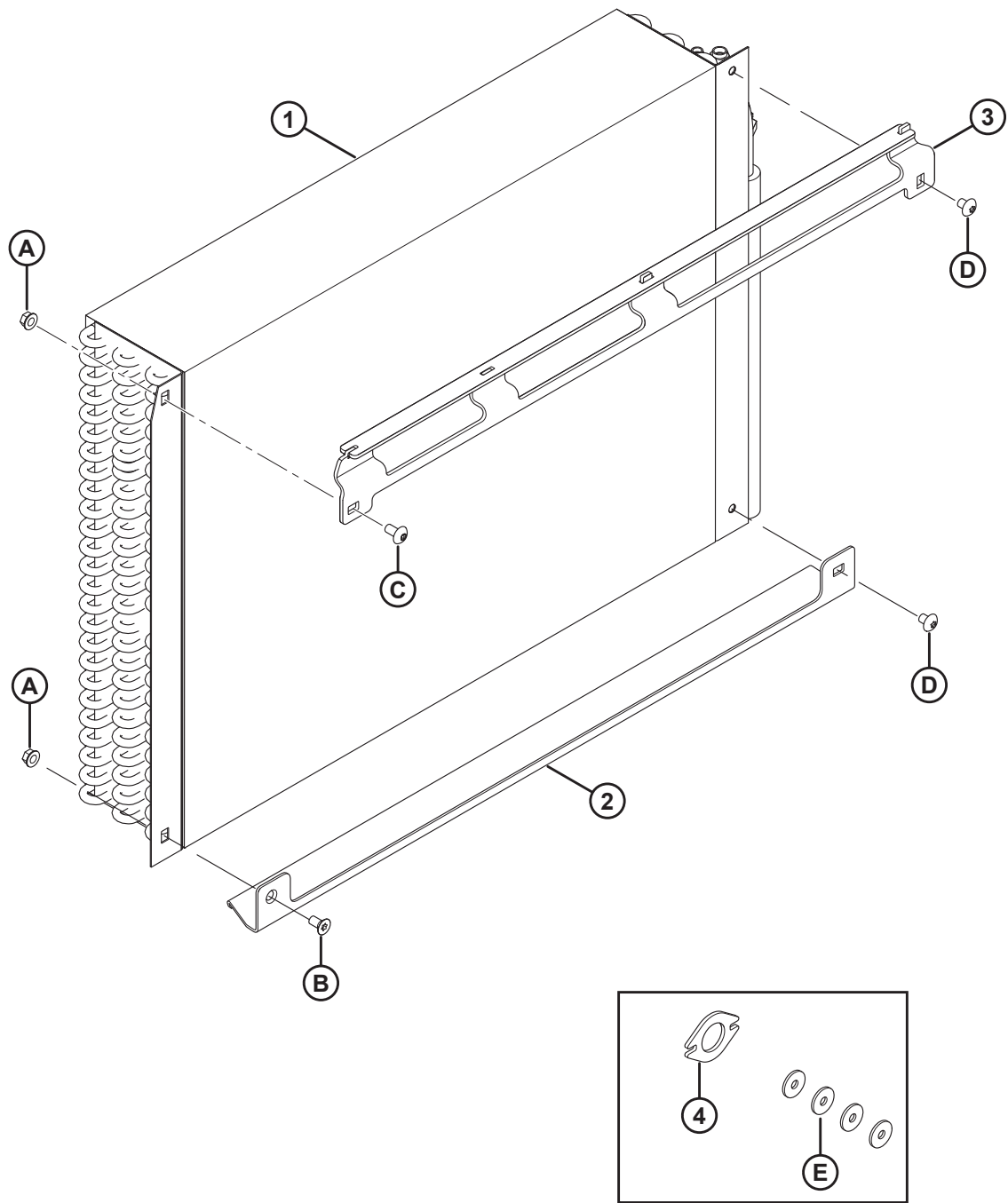
83 Draper Header Supports



DRAPER HEADER SUPPORTS

Ref	Part Number	Description	Qty	Serial Number
1	163088	SUPPORT – DRAPER HEADER, WELDT	2	
2	44575	SUPPORT – PLATE, FOR ISOLATION BLOCK	2	
3	42498	PAD – RUBBER	2	
4	135408	PIN – CLEVIS	2	
5	13125	PIN – HAIR	2	
A	30849	BOLT – RHSN 1/2 NC X 3.5 LG GR 5 ZP		
B	4761	WASHER – FLAT		
C	21389	NUT – HEX LOCK .500-13 UNC		

84 (Option) A/C Oil Cooler Upgrade

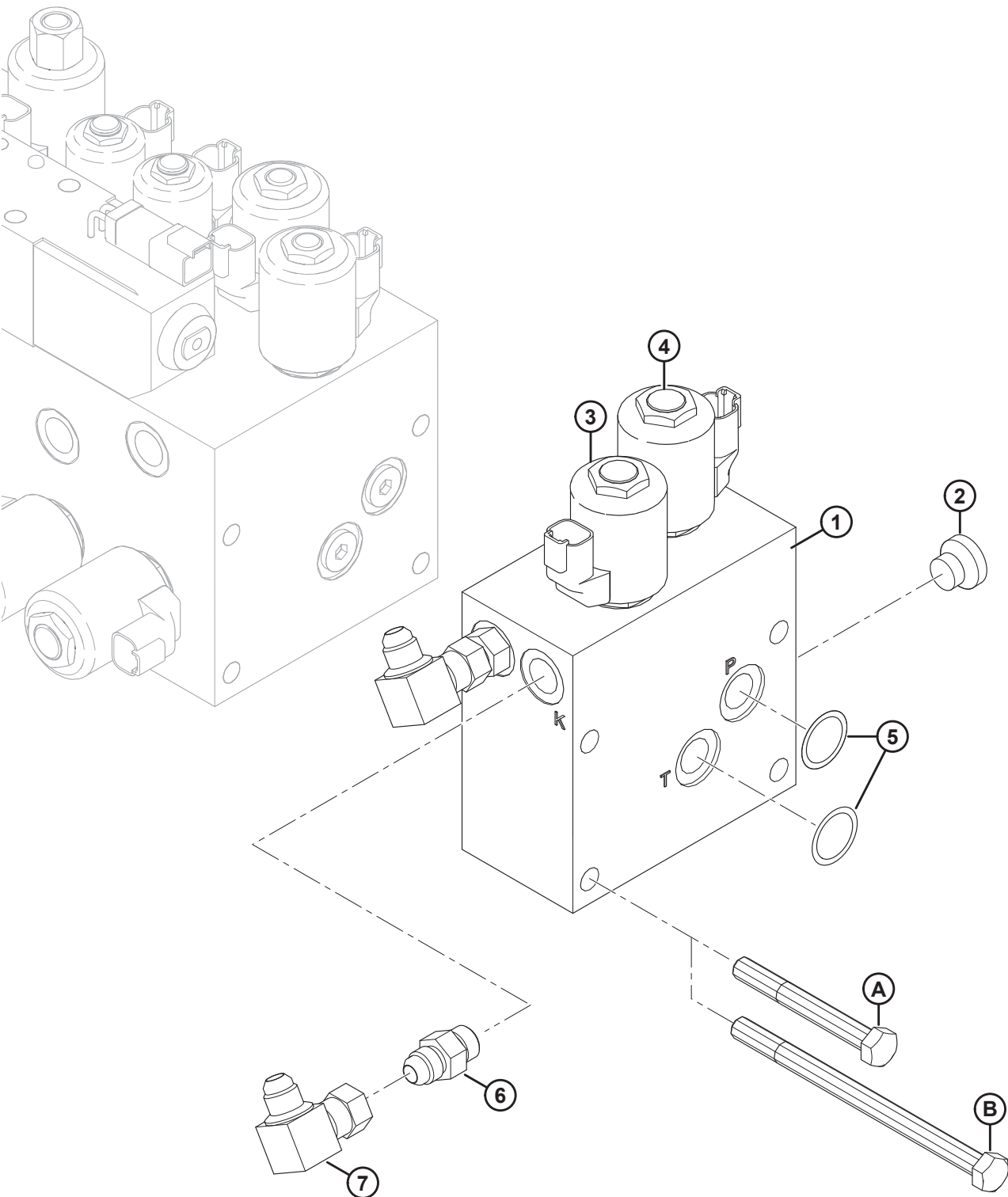


(OPTION) A/C OIL COOLER UPGRADE

Ref	Part Number	Description	Qty	Serial Number
	167942	KIT – A/C CONDENSER, OIL COOLER ¹³⁴		
1	166830	COOLER – OIL, A/C CONDENSER	1	
2	167529	SUPPORT – COOLER BOTTOM ¹³⁵	1	216510–
	167875	SUPPORT – COOLER BOTTOM ¹³⁶	1	–216509
3	167527	SUPPORT – COOLER TOP, WELDMENT	1	
4	138452	SPACER – CAC SWEEP	1	
A	30228	NUT – FLANGE DT SMOOTH FACE 0.375-16 UNC		
B	113420	SCREW – TORX SOC CSK HD 3/8-16 X .75-GR5-AA1J		
C	135157	SCREW – MACHINE		
D	105137	SCREW – MACHINE		
E	180207	WASHER – FLAT		

-
134. Kit used to update oil cooler on model year 2017 and prior windrowers that do not have cooler MD #166830 installed. Includes spacer to move rad sweep forward 1.6 mm if installed. The new oil cooler will reduce oil temperature and increase the required cleaning interval.
135. For model year 2012 and later windrowers.
136. For model year 2011 and prior windrowers.

85 (Option) Auxiliary Lift Valve



(OPTION) AUXILIARY LIFT VALVE

NOTE:

Depending on your unit, you may have more than one valve block installed. Quantities listed are per block.

Ref	Part Number	Description	Qty	Serial Number
	B5269	KIT – AUXILIARY VALVE KIT ¹³⁷		
1	139974	ASSY – VALVE BLOCK AUX LIFT (REEL FORE-AFT DWA) ¹³⁸	1	
2	167762	FITTING – ZINC NICKEL SAE #06, 9/16-18 UN 2A	1	
3	163143	VALVE – SOLENOID (FOR 5/8 IN. VALVE STEM) (P59/P73)	1	
	163154	COIL – TOUGH		
	163191	NUT – SPECIAL		
	163160	SEAL KIT		
4	163142	VALVE – SOLENOID (P55/P72)	1	
	163155	COIL – TOUGH		
	49846	SEAL KIT		
	163190	NUT – SPECIAL		
5	320284	O-RING – 2.38 X 20.64 (P, T)	2	
6	15903	FITTING – CONNECTOR HYD (J, K)	2	
7	106717	FITTING – ELBOW 90° HYD (J, K)	2	
A	21568	BOLT – HH 3/8 NC X 3.0 LG GR 5 ZP ¹³⁹		
B	10948	BOLT – HH 3/8 NC X 5.5 LG GR 5 ZP ¹⁴⁰		

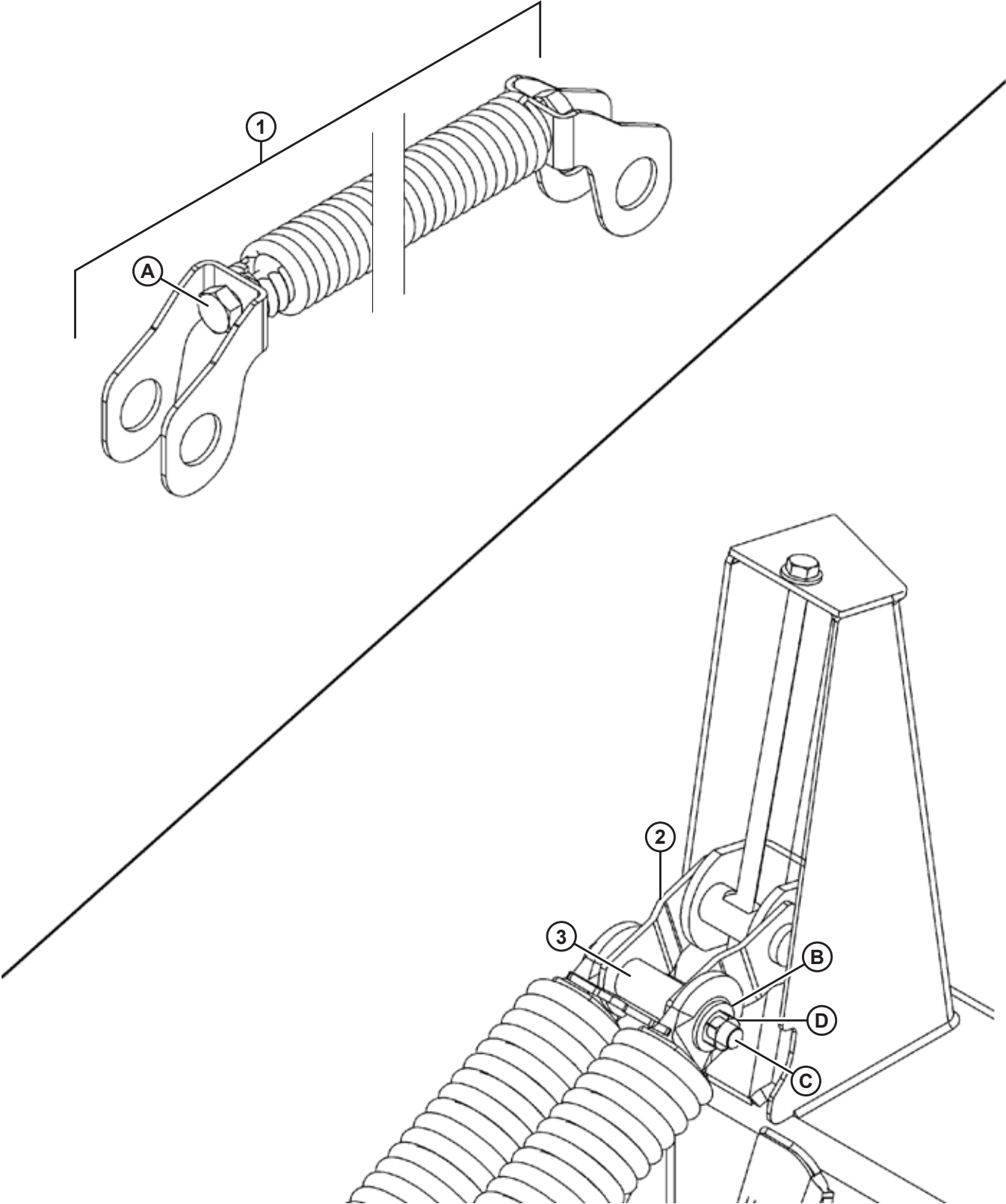
137. Kits available through Whole Goods only.

138. Includes fitting (MD #136156), valve (MD #163143), coil (MD #163154), and O-ring (MD #163184). Previously was MD #110575. Refer to Service Bulletin SB 1210 regarding required software update.

139. Used with one block.

140. Used with two blocks.

86 (Option) Auxiliary Springs



1013701

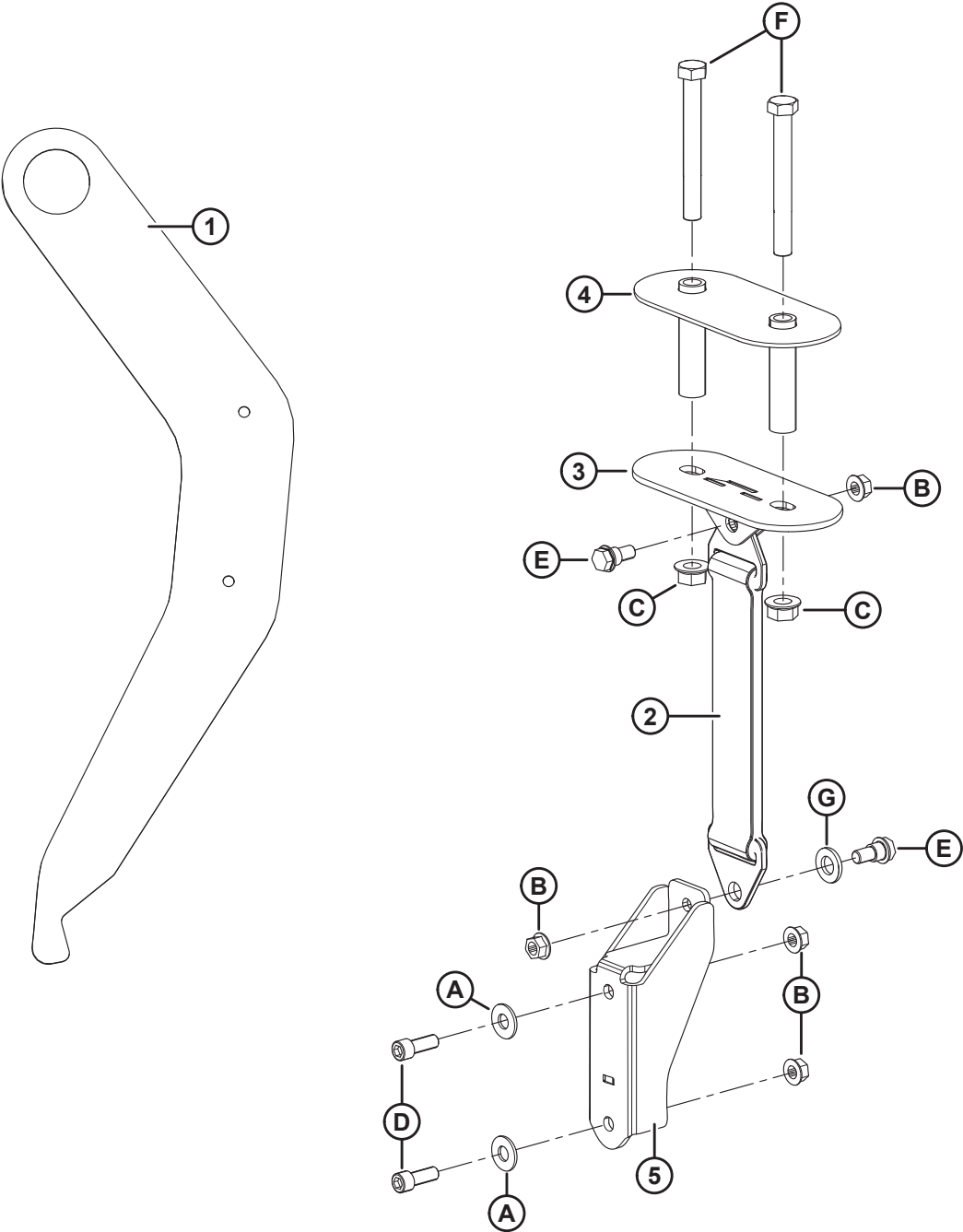
(OPTION) AUXILIARY SPRINGS

Ref	Part Number	Description	Qty	Serial Number
	B4659	KIT – TRACTOR BOOSTER SPRING ¹⁴¹		
1	306107	ASSEMBLY – AUXILIARY SPRING ¹⁴²	2	
A	NSS	BOLT – HH 3/4 NC X 1.5 LG GR 5 BLK		
	B4664	KIT – LIGHT HEADER ¹⁴¹		
2	166202	SUPPORT – SPRING	2	
3	112225	TUBE – PIVOT SUSPENSION	2	
B	25689	WASHER – FLAT		
C	30743	BOLT – HH 3/4 NC X 6.0 LG GR 5 ZP		
D	102636	NUT – HEX DT .750-10 UNC		

141. Kits available through Whole Goods only.

142. Complete assembly.

87 (Option) Cab Suspension Limit Strap Kit

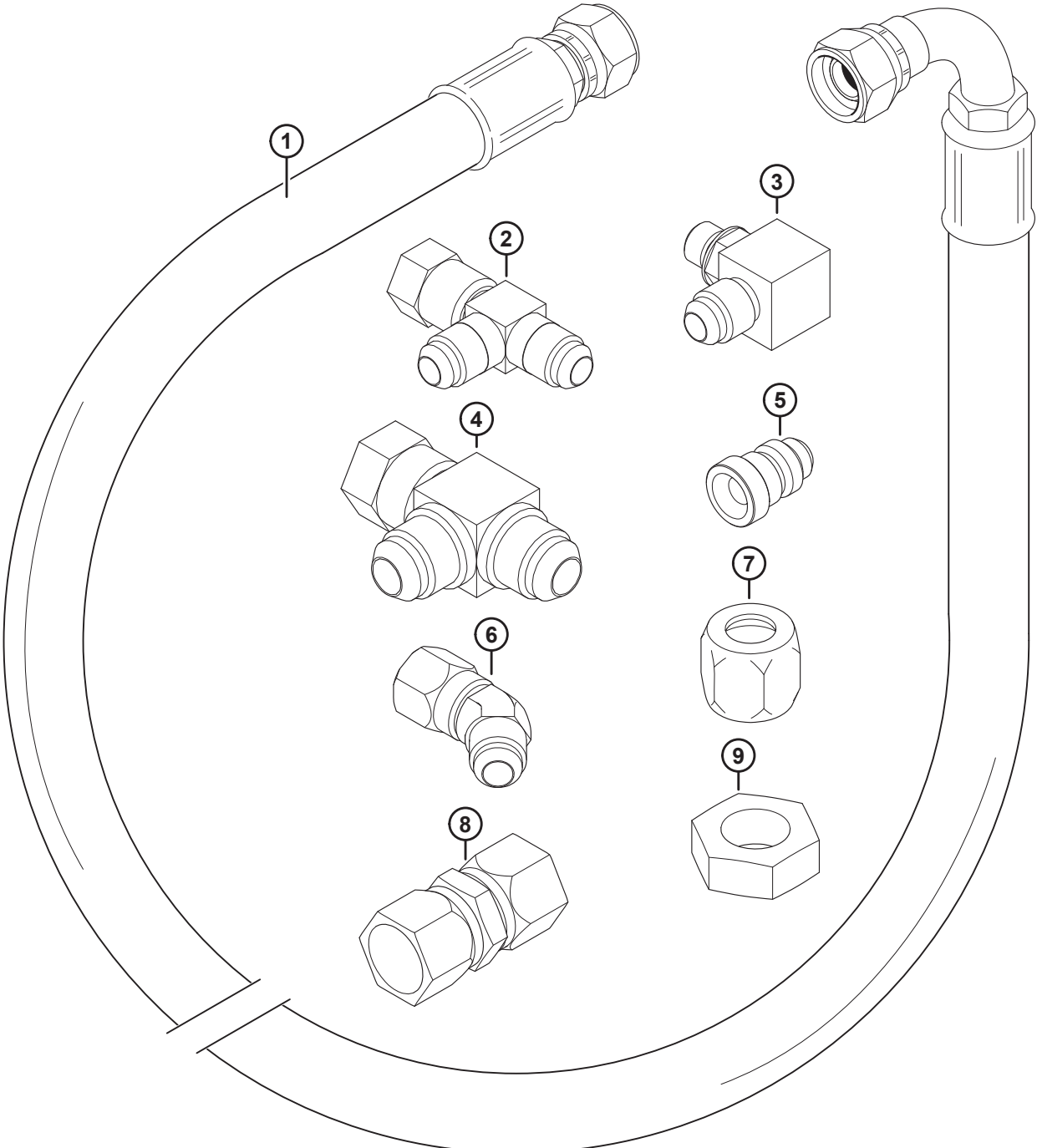


(OPTION) CAB SUSPENSION LIMIT STRAP KIT

Ref	Part Number	Description	Qty	Serial Number
	167522	KIT – CAB SUSPENSION LIMIT STRAP ¹⁴³		
1	NSS	GUIDE – HOLE TEMPLATE	1	
2	306850	STOP – LIMIT STRAP	2	
3	167544	SUPPORT – CAB LIMIT MOUNT WELDMENT	2	
4	167545	SUPPORT – CAB UPPER WELDMENT	2	
5	167551	SUPPORT – LIMIT STRAP WELDT	2	
A	18670	WASHER – SAE FLAT 7/16 I.D. X 1.0 IN. O.D. ZP		
B	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
C	50186	NUT – FLG LOCK SM FACE DT 0.500-13 UNC GR 5		
D	135381	SCREW – HEX SOC HD		
E	172259	BOLT – SHOULDER .375-16 UNC		
F	184539	BOLT – HH 1/2 NC X 4.25 LG GR 5 ZP		

143. Kit includes all listed parts and instructions.

88 (Option) Case Drain Kit



1018786

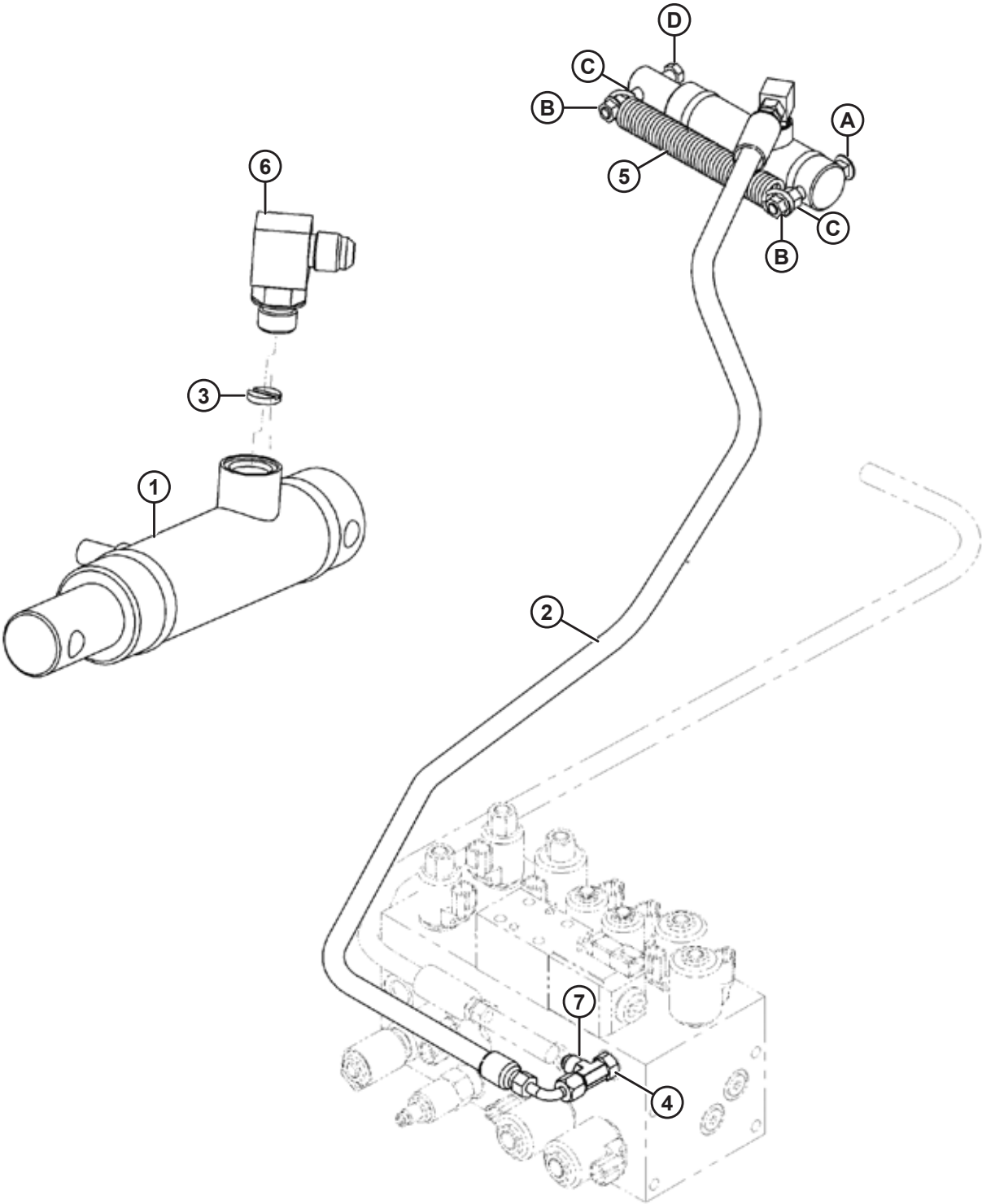
(OPTION) CASE DRAIN KIT

Ref	Part Number	Description	Qty	Serial Number
	B5842	KIT – RIGID DRAPER HEADER CASE DRAIN ¹⁴⁴		
		SINGLE KNIFE		
1	220841	HOSE – HYD, 1/4 IN ID, 4850 MM LG, METAL REIN.	1	
2	30873	FITTING – HYD TEE	1	
3	50104	FITTING – ELBOW 90° HYD	1	
4	108268	FITTING – HYD TEE	0	
5	30981	FITTING – ADAPTER HYD REDUCER 1/2 X 3/8	0	
6	30875	FITTING – ELBOW 45° HYD	1	
7	21069	NUT – TUBE 37° JIC 1/2 IN.	0	
8	135540	FITTING – HYD, #8 SWIVEL FEMALE UNION 37° FLAIR ¹⁴⁵	1	
9	7674	NUT – HEX JAM 3/4-16 UNF GR 5 ZP ¹⁴⁵	1	
		DOUBLE KNIFE TIMED		
1	220841	HOSE – HYD, 1/4 IN ID, 4850 MM LG, METAL REIN.	1	
2	30873	FITTING – HYD TEE	1	
3	50104	FITTING – ELBOW 90° HYD	1	
4	108268	FITTING – HYD TEE	1	
5	30981	FITTING – ADAPTER HYD REDUCER 1/2 X 3/8	1	
6	30875	FITTING – ELBOW 45° HYD	1	
7	21069	NUT – TUBE 37° JIC 1/2 IN.	1	
8	135540	FITTING – HYD, #8 SWIVEL FEMALE UNION 37° FLAIR ¹⁴⁵	1	
9	7674	NUT – HEX JAM 3/4-16 UNF GR 5 ZP ¹⁴⁵	1	
		DOUBLE KNIFE UNTIMED		
1	220841	HOSE – HYD, 1/4 IN ID, 4850 MM LG, METAL REIN.	1	
2	30873	FITTING – HYD TEE	1	
3	50104	FITTING – ELBOW 90° HYD	1	
4	108268	FITTING – HYD TEE	0	
5	30981	FITTING – ADAPTER HYD REDUCER 1/2 X 3/8	0	
6	30875	FITTING – ELBOW 45° HYD	1	
7	21069	NUT – TUBE 37° JIC 1/2 IN.	0	

144. Kits available through Whole Goods only.

145. Only required on 15-foot headers.

89 (Option) Center-Link Cylinder Lift Kit



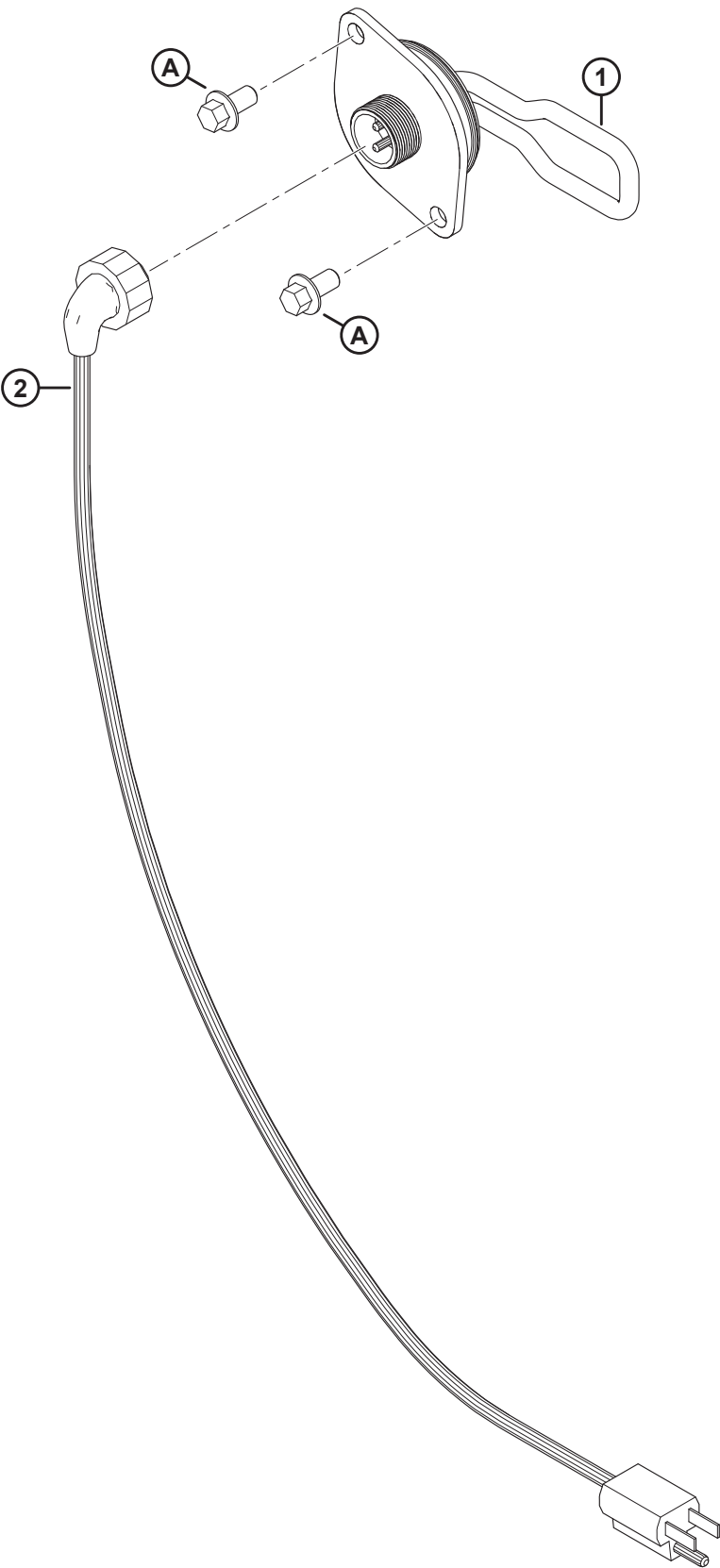
1004935

(OPTION) CENTER-LINK CYLINDER LIFT KIT

Ref	Part Number	Description	Qty	Serial Number
	B4802	KIT – CENTER-LINK LIFT ¹⁴⁶		
1	111599	CYLINDER – HYDRAULIC	1	
	166171	SEAL KIT		
2	111780	HOSE – HYD, 1/4 IN. I.D., 1200 MM LG, METAL REIN.	1	
3	111834	RESTRICTOR	1	
4	15903	FITTING – CONNECTOR HYD	1	
5	110977	SPRING – EXTENSION	1	
6	30282	FITTING – ELBOW 90° HYD	1	
7	30286	FITTING – TEE HYD STR THD RUN TEE C/W O-RING	1	
A	30307	BOLT – RHSN 3/8 NC X 2.5 LG GR 5 ZP		
B	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
C	18590	NUT – HEX, 3/8 NC		
D	30035	BOLT – RHSN 3/8 NC X 2.75 LG GR 5 ZP		

146. Kits available through Whole Goods only.

90 (Option) Coolant Heater Kit



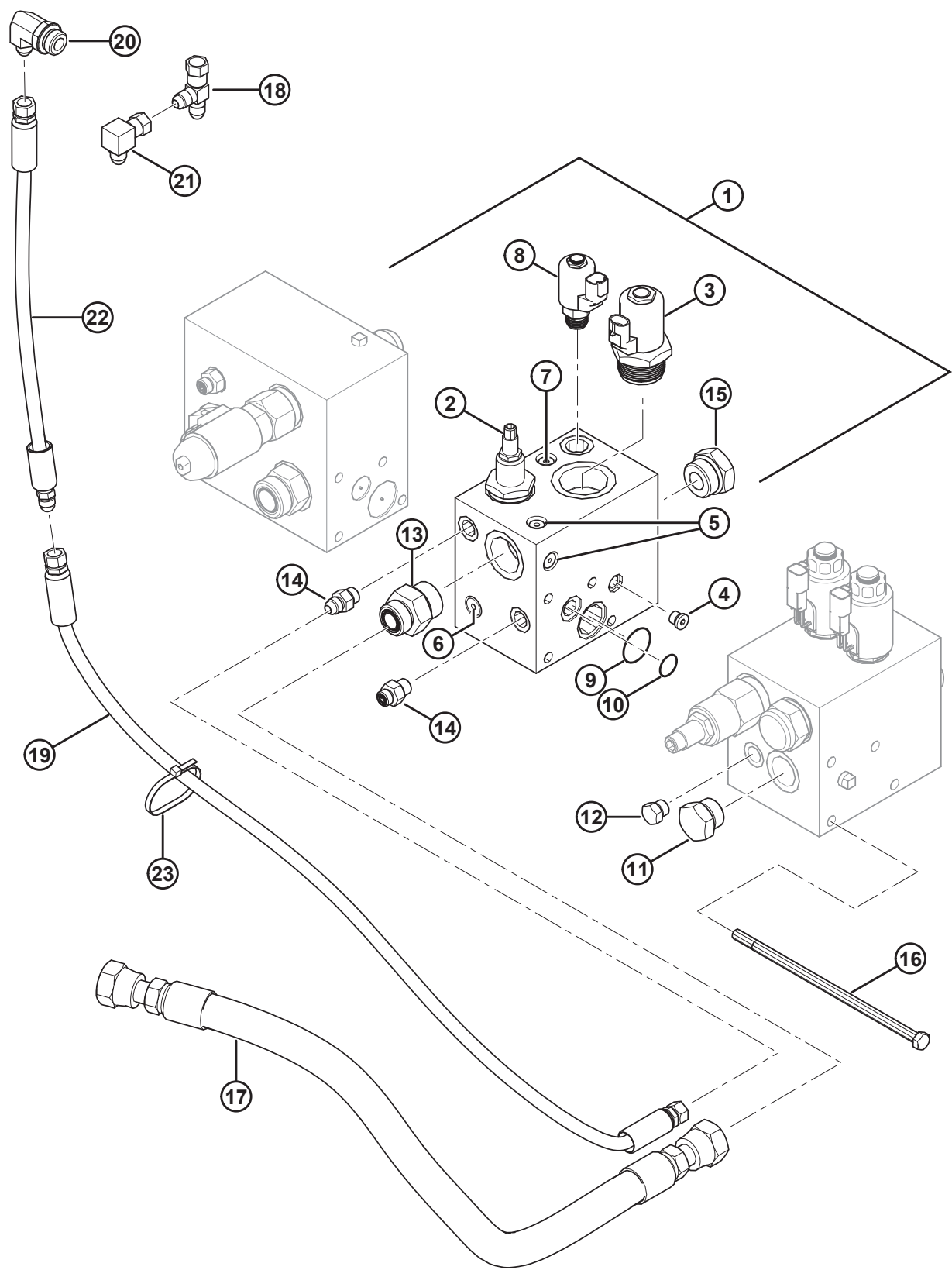
(OPTION) COOLANT HEATER KIT

Ref	Part Number	Description	Qty	Serial Number
	306351	KIT – COOLANT HTR 4 CYL ¹⁴⁷		
	B6979	KIT – COOLANT HTR 4 CYL ¹⁴⁸		
1	306346	HEATER – COOLANT 4 CYL	1	
2	306347	CABLE – COOLER HTR 4 CYL	1	
A	136485	BOLT – HEX FLG HD TFL M8 X 1.25 X 16-8.8-AA1J		

147. The kit is compatible with 4-cylinder Cummins engine. The kit provides improved cold weather starting capability. The kit includes all listed parts and instructions.

148. Kits are available through Whole Goods only.

91 (Option) Disc Drive Kit



1030020

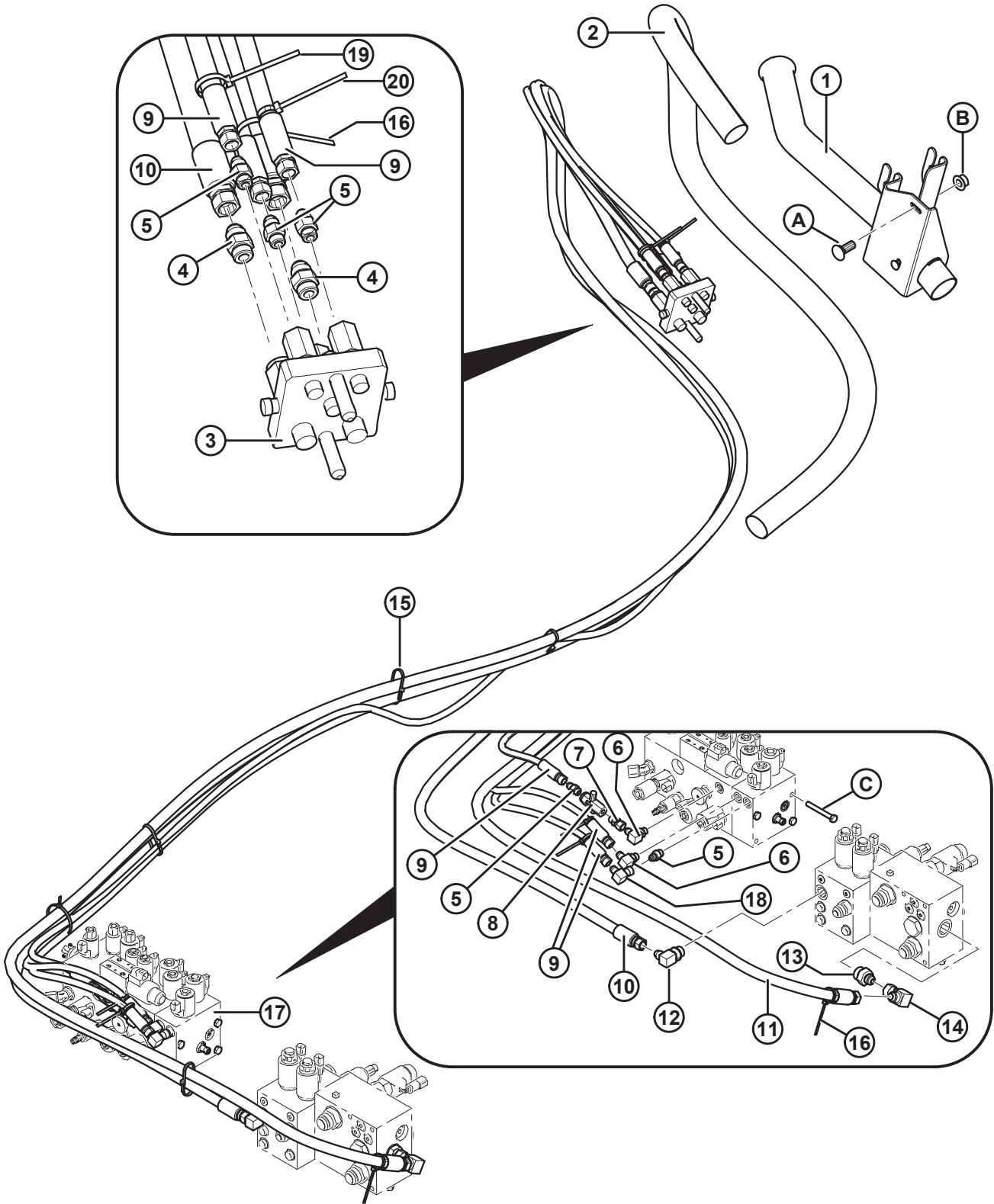
(OPTION) DISC DRIVE KIT

Ref	Part Number	Description	Qty	Serial Number
	B4657	KIT – DISC DRIVE ¹⁴⁹		
1	162174	VALVE ASSEMBLY – DISC DRIVE M150 ¹⁵⁰	1	
2	162119	VALVE – PRESSURE REDUCING	1	
	162207	SEAL KIT	1	
3	162203	VALVE – SOLENOID #20 (P71)	1	
	163154	COIL – TOUGH	1	
	163187	SEAL KIT	1	
4	163167	KIT – SENSE CHECK	1	
5	158174	PLUG – HEX SOCKET C/W O-RING	2	
6	135246	PLUG – HEX C/W O-RING	1	
7	162204	PLUG – HEX SOCKET C/W O-RING	2	
8	162205	VALVE – SOLENOID #8 (P75)	2	
	162206	COIL – TOUGH #8	1	
	163208	SEAL KIT	1	
9	320339	O-RING – 2.38 X 31.75	1	
10	320284	O-RING – 2.38 X 20.64	1	
11	103575	PLUG – HEX C/W O-RING	1	
12	30994	PLUG – HEX C/W O-RING	1	
13	135483	FITTING – CONNECTOR HYD (P2)	1	
14	15903	FITTING – CONNECTOR HYD (T2, LS2)	2	
15	156051	PLUG – #16 ORB	1	
16	135589	BOLT – HH 3/8 NC X 9.0 LG GR 5 ZP	4	
17	162110	HOSE – HYD, 3/4 IN ID, 640 MM LG, METAL REIN.	1	
18	30873	FITTING – HYD TEE	1	
19	112201	HOSE – HYD, 1/4 IN ID, 900 MM LG, METAL REIN.	1	
20	135352	FITTING – ELBOW 90° HYD	1	
21	106717	FITTING – ELBOW 90° HYD	1	
22	139636	HOSE – HYD, 1/4 IN ID, 425 MM LG, METAL REIN.	1	
23	21763	FASTENER – CABLE TIE, BLACK, 160 MM LG	2	

149. Kits available through Whole Goods only.

150. Complete, includes items #2–10.

92 (Option) Draper Header Reel Hydraulics – Couplers



1004921

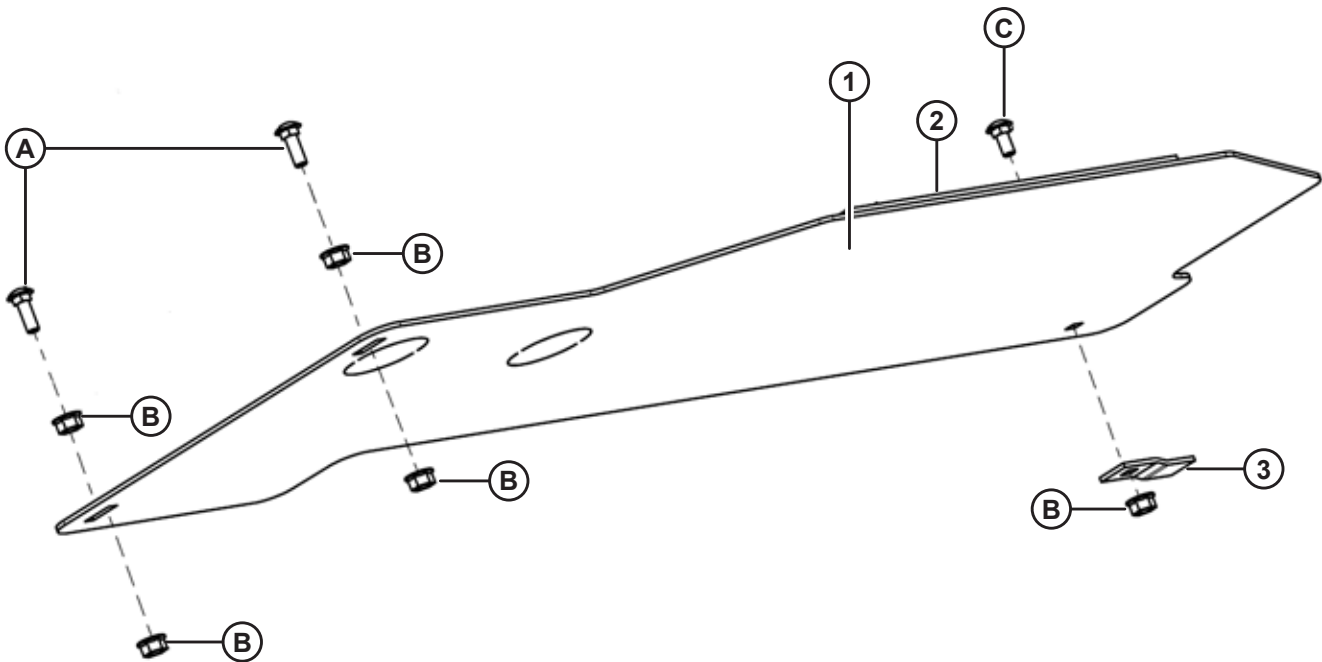
(OPTION) DRAPER HEADER REEL HYDRAULICS – COUPLERS

Ref	Part Number	Description	Qty	Serial Number
	B5577	KIT – DRAPER HEADER DRIVE ¹⁵¹		
1	163120	SUPPORT – RH HOSES, WELD'T	1	
2	110546	SLEEVE – HOSE	1	
3	135238	COUPLING – MULTI LINK	1	
	111981	SEAL KIT – 1/4 IN. COUPLER	3	
	111982	SEAL KIT – 3/8 IN. COUPLER	2	
	111983	KIT – SCREW	1	
	111984	KIT – DOWEL	1	
	111985	COUPLER – 3/8 IN. (LONG)	1	
	111986	COUPLER – 1/4 IN.	3	
	294350	COUPLER – 3/8 IN. (SHORT)	1	
4	21030	FITTING – CONNECTOR HYD	2	
5	15903	FITTING – CONNECTOR HYD	5	
6	30282	FITTING – ELBOW 90° HYD	2	
7	135015	FITTING – ADAPTER HYD	1	
8	183211	VALVE	1	
9	110544	HOSE – HYD, 1/4 IN ID, 4335 MM LG, METAL REIN.	3	
10	110542	HOSE – HYD, 1/2 IN ID, 4530 MM LG, METAL REIN.	1	
11	110543	HOSE – HYD, 1/2 IN ID, 4900 MM LG, METAL REIN.	1	
12	21801	FITTING – ELBOW 90° HYD	1	
13	135364	FITTING – ADAPTER HYD	1	
14	30556	FITTING – ELBOW 90° HYD	1	
15	21763	FASTENER – CABLE TIE, BLACK, 160 MM LG	5	
16	40701	FASTENER – CABLE TIE (YELLOW)	2	
17	139974	VALVE BLOCK – AUX LIFT (REEL FORE-AFT DWA) ¹⁵²	1	
18	106717	FITTING – ELBOW 90° HYD	1	
19	40702	FASTENER – CABLE TIE (RED)	2	
20	49227	FASTENER – CABLE TIE (GREEN)	2	
A	19965	BOLT – RHSN 3/8 NC X 1.0 GR 5 ZP		
B	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		
C	21568	BOLT – HH 3/8 NC X 3.0 LG GR 5 ZP		

151. Kits available through Whole Goods only.

152. For service parts, refer to Section [85 \(Option\) Auxiliary Lift Valve, page 209](#). Refer to Service Bulletin SB 1210 regarding required software update.

93 (Option) Fan Air Baffle Kit

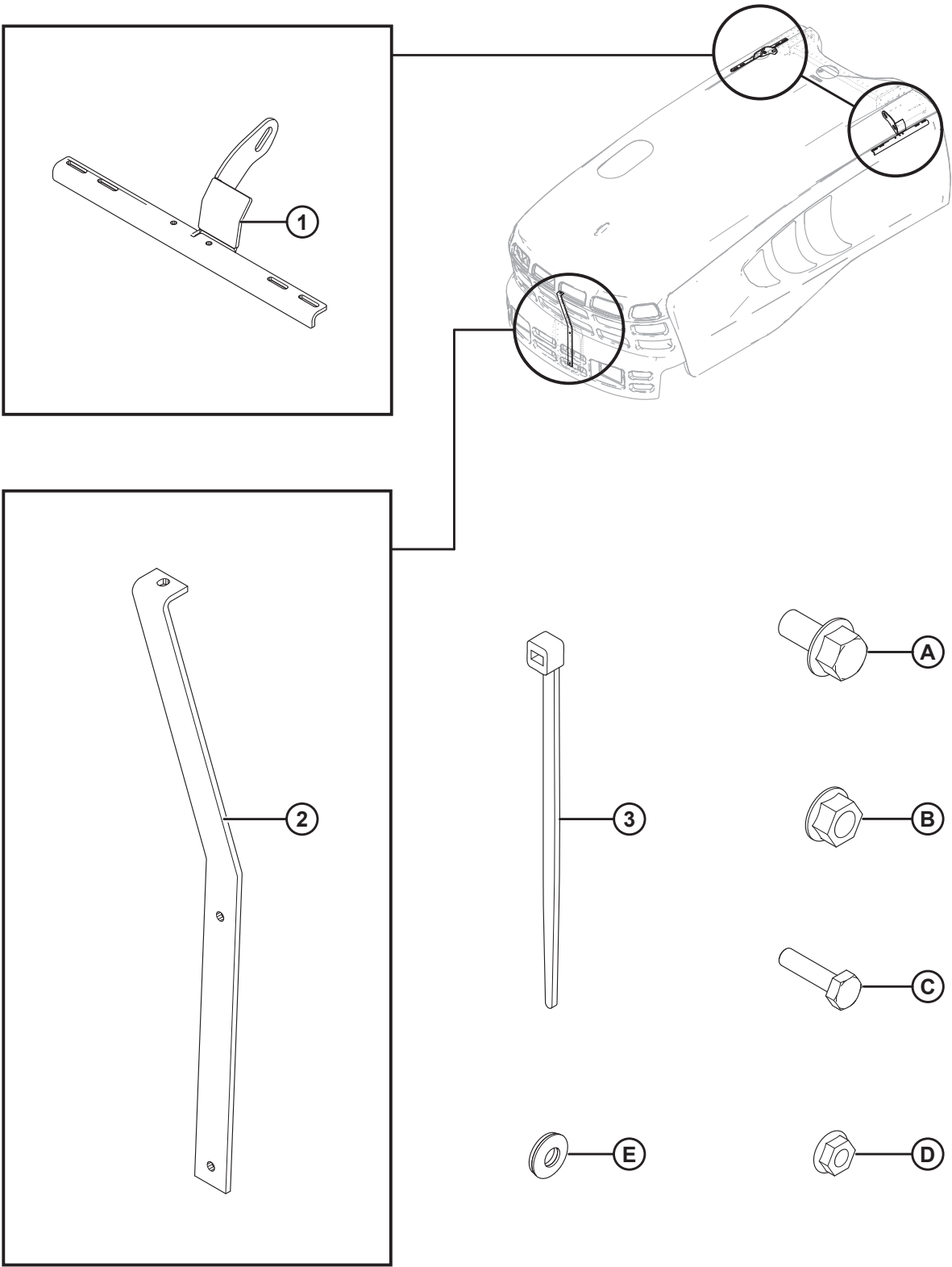


(OPTION) FAN AIR BAFFLE KIT

Ref	Part Number	Description	Qty	Serial Number
	B5440	KIT – FAN AIR BAFFLE ¹⁵³		
1	138465	BAFFLE – FAN AIR C/W SEAL	1	
2	138464	SEAL – FOAM, 6 X 13 X 300 MM LG	1	
3	138238	TAB – UNDER TRAY MOUNTING	1	
A	21282	BOLT – RHSN 5/16 NC X 1.0 GR 5 ZP		
B	30280	NUT – FLG (SMTH FACE) 5/16 NC SIDE LK GR 5 ZP		
C	21281	BOLT – RHSN 5/16 NC X 0.75 GR 5 ZP		

153. Kits available through Whole Goods only.

94 (Option) Hood Reinforcement Kit



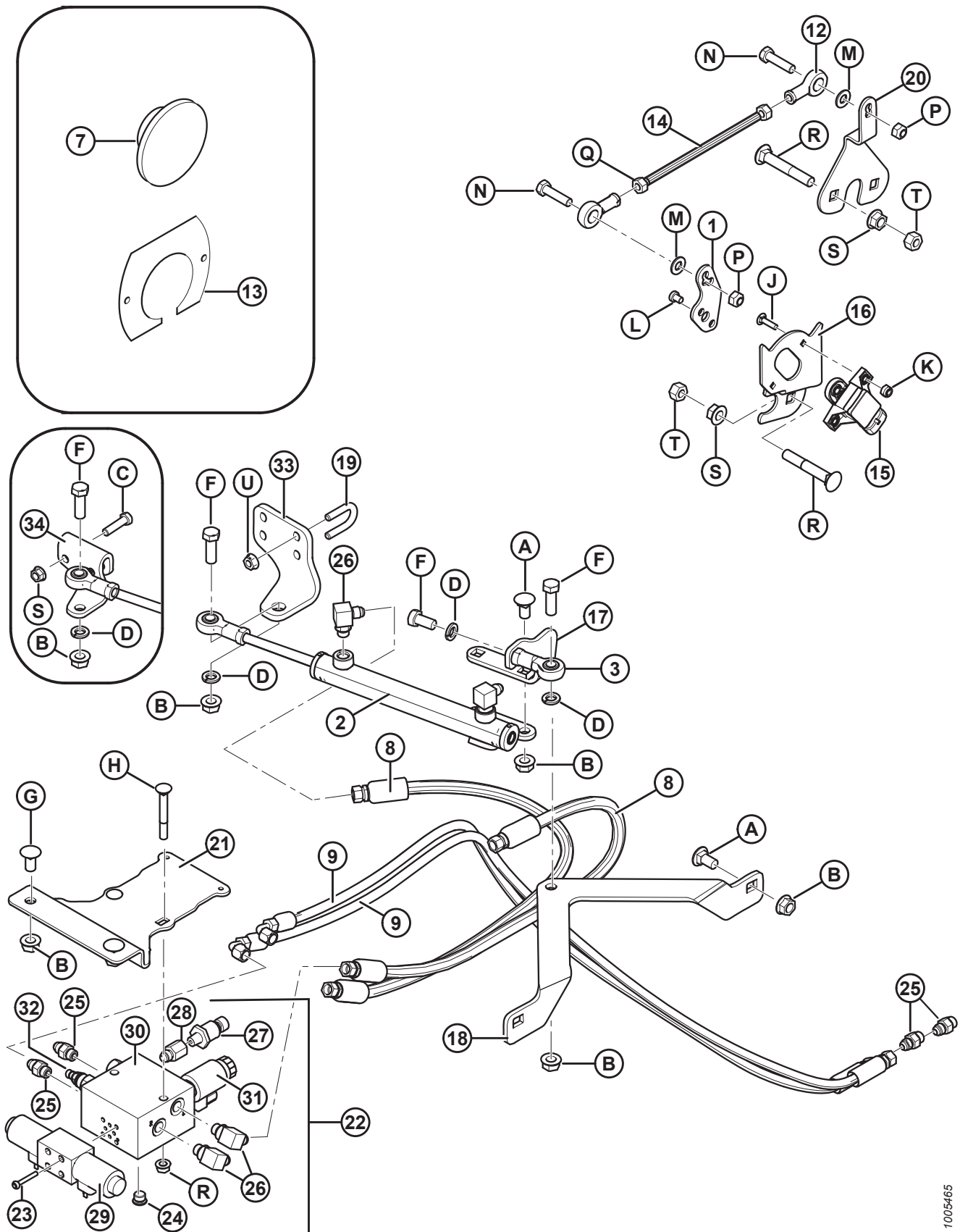
1012423

(OPTION) HOOD REINFORCEMENT KIT

Ref	Part Number	Description	Qty	Serial Number
	183465	KIT – HOOD REINFORCEMENT ¹⁵⁴		
1	183455	BRACE – HOOD WELDMENT	2	
2	183464	BRACE – GRILL HOOD	1	
3	16661	FASTENER – CABLE TIE, BLACK, 69 MM LG	1	
A	21821	BOLT – HH FLG (SER FACE) 3/8 NC X 0.75 GR 5		
B	30228	NUT – FLANGE 0.375-16 UNC		
C	21573	BOLT – HH 1/4 NC X 1.0 GR 5 ZP		
D	21455	NUT – FLANGE (SER FACE) 1/4 NC GR 5 ZP		
E	112221	WASHER – STEEL/RUBBER		

154. Includes all listed parts, grill template tool, and instructions.

95 (Option) Hydraulic Autosteer



1005465

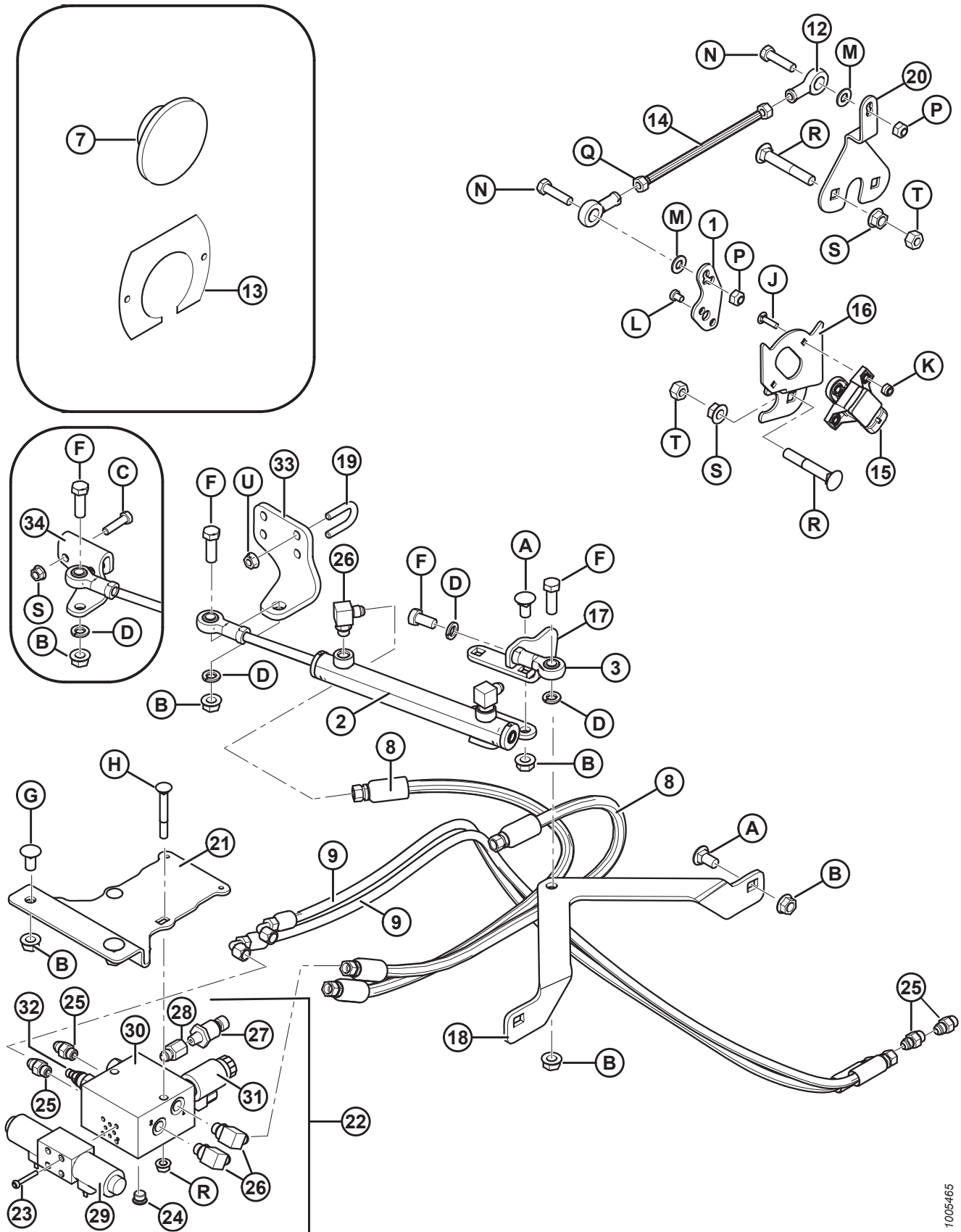
(OPTION) HYDRAULIC AUTOSTEER

Ref	Part Number	Description	Qty	Serial Number
	B5589	KIT – AUTOSTEER HYDRAULIC INTERFACE ¹⁵⁵		
1	173155	ARM – LINKAGE	1	
2	208650	CYLINDER – THROUGH ROD	1	
	173575	SEAL KIT		
3	30083	JOINT – BALL	1	
7	173139	GROMMET	3	
8	173547	HOSE – HYD, 3/8 IN. I.D., 800 MM LG, METAL REIN.	2	
9	173222	HOSE – HYD, 1/4 IN. I.D., 1200 MM LG, METAL REIN.	2	
12	109312	JOINT – BALL, 5/16 IN. FEMALE	2	
13	173140	PLATE – COVER	1	
14	173113	ROD – LINK	1	
15	173091	SENDER – ROTARY POSITION	1	
16	173170	SUPPORT – SENSOR MOUNT	1	
17	173208	SUPPORT – CYLINDER BALL JOINT	1	
18	173016	SUPPORT – CYLINDER BASE	1	
19	166469	U-BOLT – 1/4 X 20 NC 0.5 LG ZP GR 5	2	
20	173115	SUPPORT – LINKAGE MOUNT	1	
21	173006	SUPPORT – MANIFOLD	1	
22	173066	VALVE – STEERING MANIFOLD ASSEMBLY	1	
23	320391	SCREW – HEX SOC HD #10-24 X 1.5 GR8-ZINC	4	
24	100577	PLUG – HEX SOCKET 0.8 X 35 LG ZP	1	
25	15903	FITTING – ADAPTOR	2	
26	30282	FITTING – ELBOW	2	
27	173116	SENSOR – PRESSURE 500 PSI	1	
28	53157	FITTING – ADAPTOR C/W O-RING	1	
29	173029	VALVE – STEERING MANIFOLD	1	
	173562	COIL		
	173563	RETAINER		
	173564	SEAL KIT		
30	173118	MANIFOLD – STEERING	1	
31	173590	VALVE – DIRECTIONAL C/W COIL	1	
	173561	COIL – SOLENOID, 12 VDC		
	173560	SEAL KIT		
32	173040	VALVE – PRESSURE REDUCING/RELIEF	1	
	173559	SEAL KIT		
33	166468	SUPPORT – CYLINDER END (2013 AND LATER)	1	229510–
34	NSS	SUPPORT – CYLINDER END (2012 AND PRIOR) ¹⁵⁶	1	–229509
A	21066	BOLT – RHSN 1/2 NC X 1 GR 5 ZP		
B	50186	NUT – FLG LOCK SMTH FACE DT 0.500-13 UNC GR 5		
C	21561	BOLT – HH 3/8 NC X 1.5 LG GR 5 ZP		

155. Kits available through Whole Goods only.

156. Cylinder end support shown is no longer serviceable. To replace part, order support (MD #166468).

(OPTION) HYDRAULIC AUTOSTEER

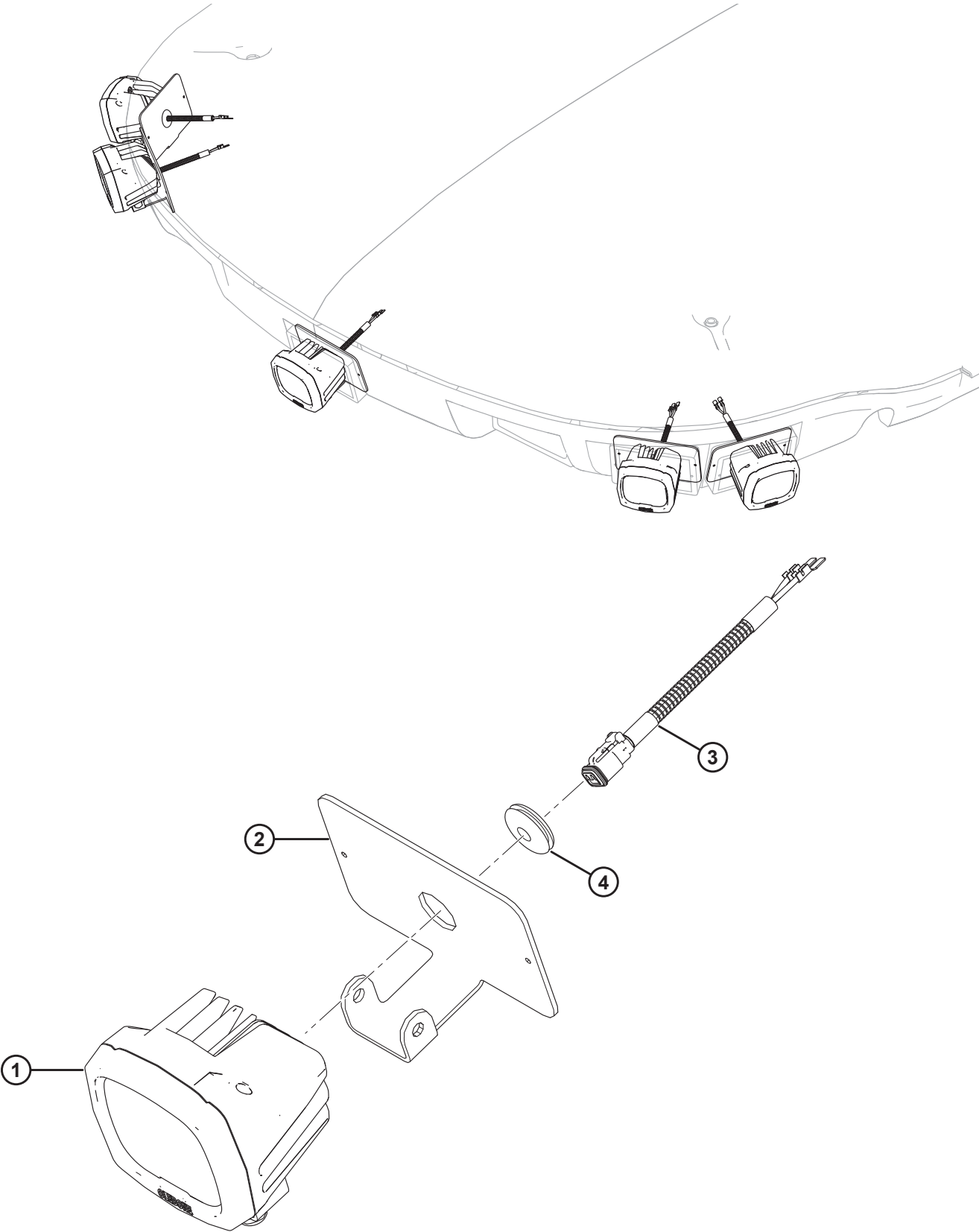


1005465

(OPTION) HYDRAULIC AUTOSTEER

Ref	Part Number	Description	Qty	Serial Number
D	18638	WASHER – REG. LOCK 1/2 IN. NOM. I.D. ZP		
F	18723	BOLT – HH 1/2 NC X 1.5 LG TFL GR 5 ZP		
G	21868	BOLT – RHSSN 1/2 NC X 1.0 GR 5 ZP		
H	30307	BOLT – RHSN 3/8 NC X 3.0 LG GR 5 ZP		
J	158722	BOLT – RHSN #10-24 NC X 3/4 GR.2 ZP		
K	105197	NUT – HEX LOCK .187-24 UNC		
L	158704	SCREW – PHILIPS PAN HD M6 X 1.0 X 8 MM LG		
M	18597	WASHER – SAE FLAT 11/32 I.D. X 11/16 IN. O.D. ZP		
N	21526	BOLT – HH 5/16 NC X 1.25 LG GR 5 ZP		
P	18690	NUT – HEX LOCK DT 5/16-18 UNC ZP		
Q	20214	NUT – HEX 5/16-24 UNF GR 5 ZP		
R	21478	BOLT – RHSN 3/8 NC X 2.5 LG GR 5 ZP		
S	30228	NUT – FLG DT SMTH FACE 0.375-16 UNC		
T	18590	NUT – HEX 3/8-16 UNC GR 5 ZP		
U	135248	NUT – FLG DT SMTH FACE 1/4 x 20 NC 0.5 LG ZP GR 5		

96 (Option) LED Work Light



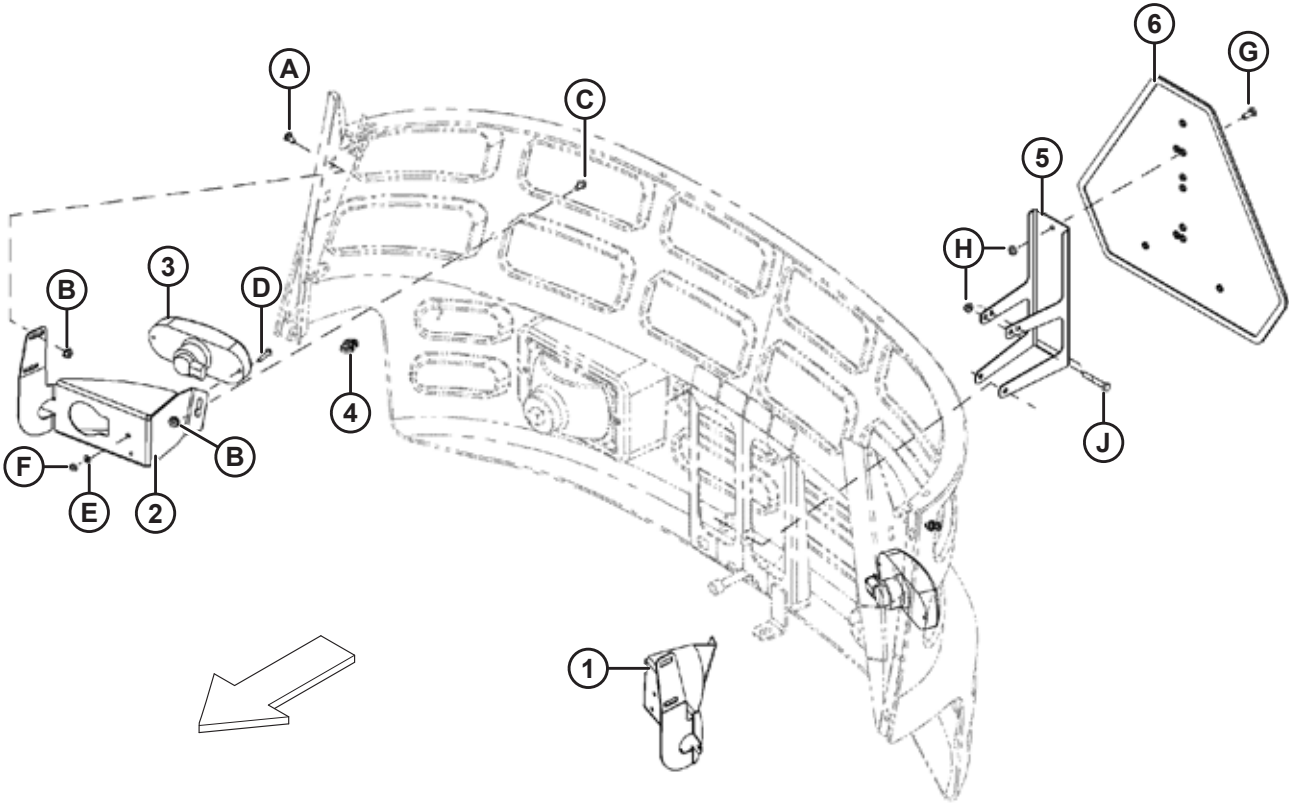
1030000

(OPTION) LED WORK LIGHT

Ref	Part Number	Description	Qty	Serial Number
1	306182	LIGHT – WORK, LED ¹⁵⁷	1	
2	183909	BRACKET – LED WORK LIGHT	1	
3	183991	HARNESS – WORK LIGHT ADAPTER	1	
4	42415	GROMMET	1	

157. Includes mounting hardware (bolt, nut, and washer), not sold separately.

97 (Option) Lighting and Marking for Cab-Forward Travel

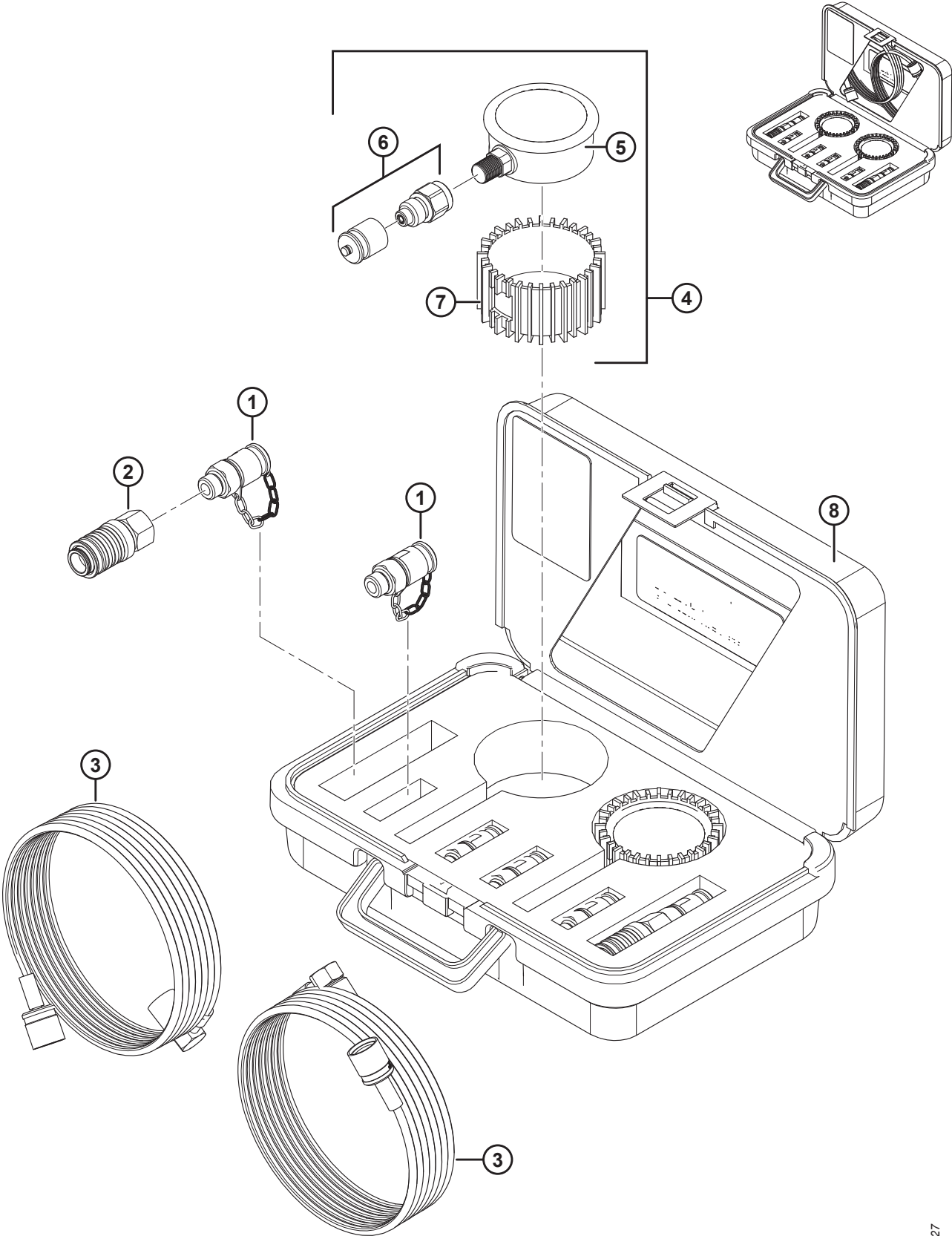


(OPTION) LIGHTING AND MARKING FOR CAB-FORWARD TRAVEL

Ref	Part Number	Description	Qty	Serial Number
	B5412	KIT – LIGHTING AND MARKING FOR CAB-FORWARD TRAVEL ¹⁵⁸		
1	183021	HOLDER – LH TAIL LIGHT BRACKET	1	
2	183022	HOLDER – RH TAIL LIGHT BRACKET	1	
3	134079	LIGHT – RED	2	
4	50109	CLIP – PLASTIC	3	
5	161106	SUPPORT – SMV	1	
6	135378	REFLECTOR – SMV	1	
A	21926	BOLT – RHSN 1/4 NC X 0.5 GR 5 ZN PL		
B	21455	NUT – FLG (SER FACE) 1/4 NC GR 5 ZN PL		
C	18579	SCREW – MACHINE 1/4-20 UNC X 0.75 IN. PHILLIPS PAN HD		
D	5144	SCREW – MACH PHILLIPS TRUSS HD #10-24 UNC X 1.25 IN.		
E	18798	WASHER – FLAT SAE 7/32 I.D. X 7/16 IN. O.D. ZN PL		
F	18707	NUT – HEX LOCK DT #10-24 UNC ZN PL		
G	21572	BOLT – HEX HD 1/4 NC X 0.625 LG GR 5 ZN PL		
H	18724	NUT – HEX LOCK DT 1/4-20 UNC ZN PL		
J	21570	BOLT – HH 1/4 NC X 2.0 LG GR 5 ZN PL		

158. Kits available through Whole Goods only.

98 (Option) Neutral Setting Service Kit



(OPTION) NEUTRAL SETTING SERVICE KIT

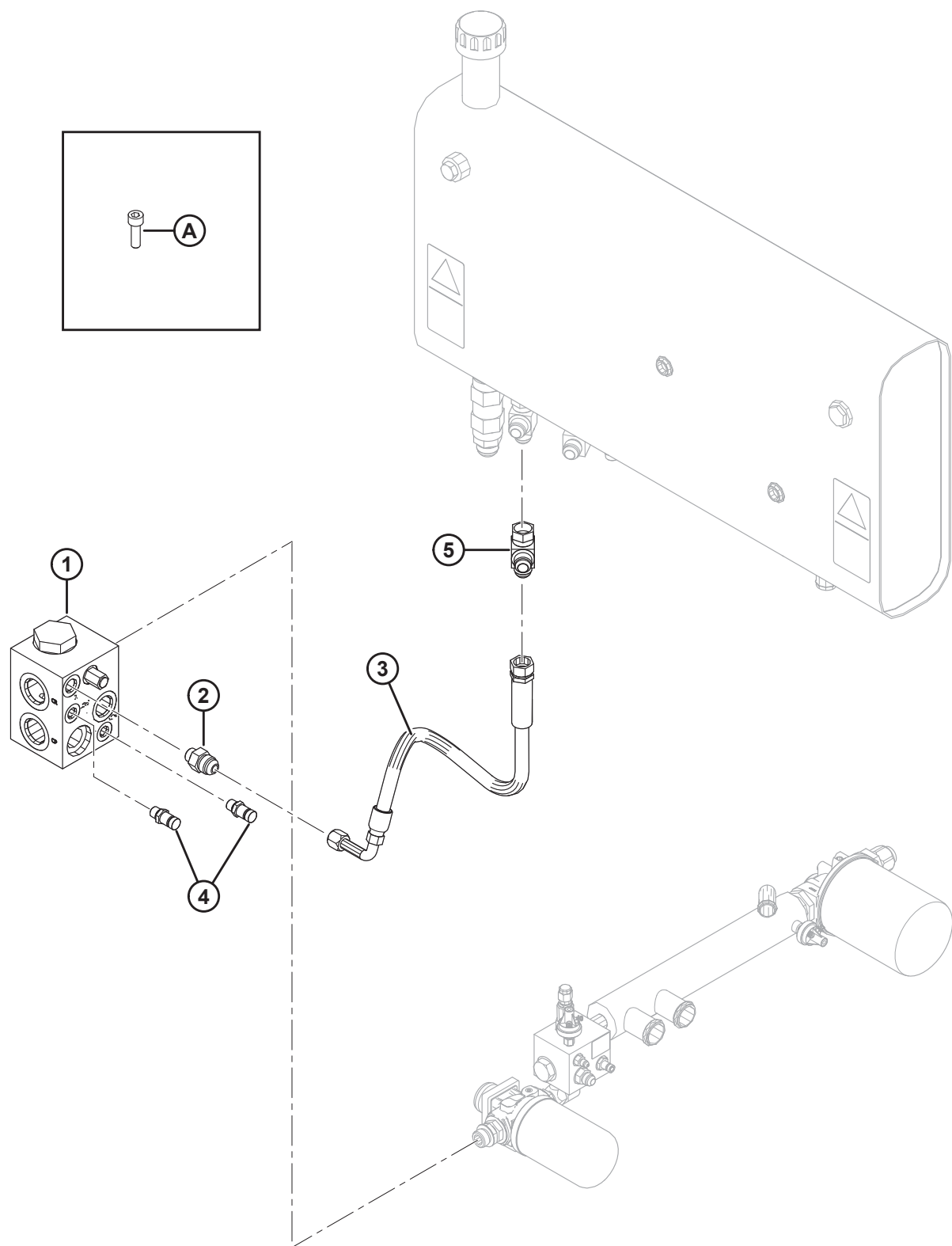
Ref	Part Number	Description	Qty	Serial Number
	183709	KIT – SERVICE, NEUTRAL SETTING ¹⁵⁹		
1	183525	FITTING – COUPLING HYD, M16 X 2	6	
2	252705	FITTING – COUPLING HYD	2	
3	183707	HOSE – HYD, DIAGNOSTIC	2	
4	183609	ASSY – GAUGE C/W FITTING AND BOOT ¹⁶⁰	2	
5	NSS	GAUGE – PRESSURE, 1000 PSI ¹⁶¹	2	
6	183607	FITTING – ADAPTER C/W DUST CAP	2	
7	183608	BOOT – GAUGE PROTECTOR	2	
8	183708	CASE – CARRYING C/W FOAM, DECALS	1	

159. Includes all listed parts.

160. Includes pressure gauge (not sold separately), adapter fitting (MD #183607), and boot (MD #183608).

161. Not sold separately, service with gauge assembly (MD #183609).

99 (Option) Oil Cooler Bypass Kit



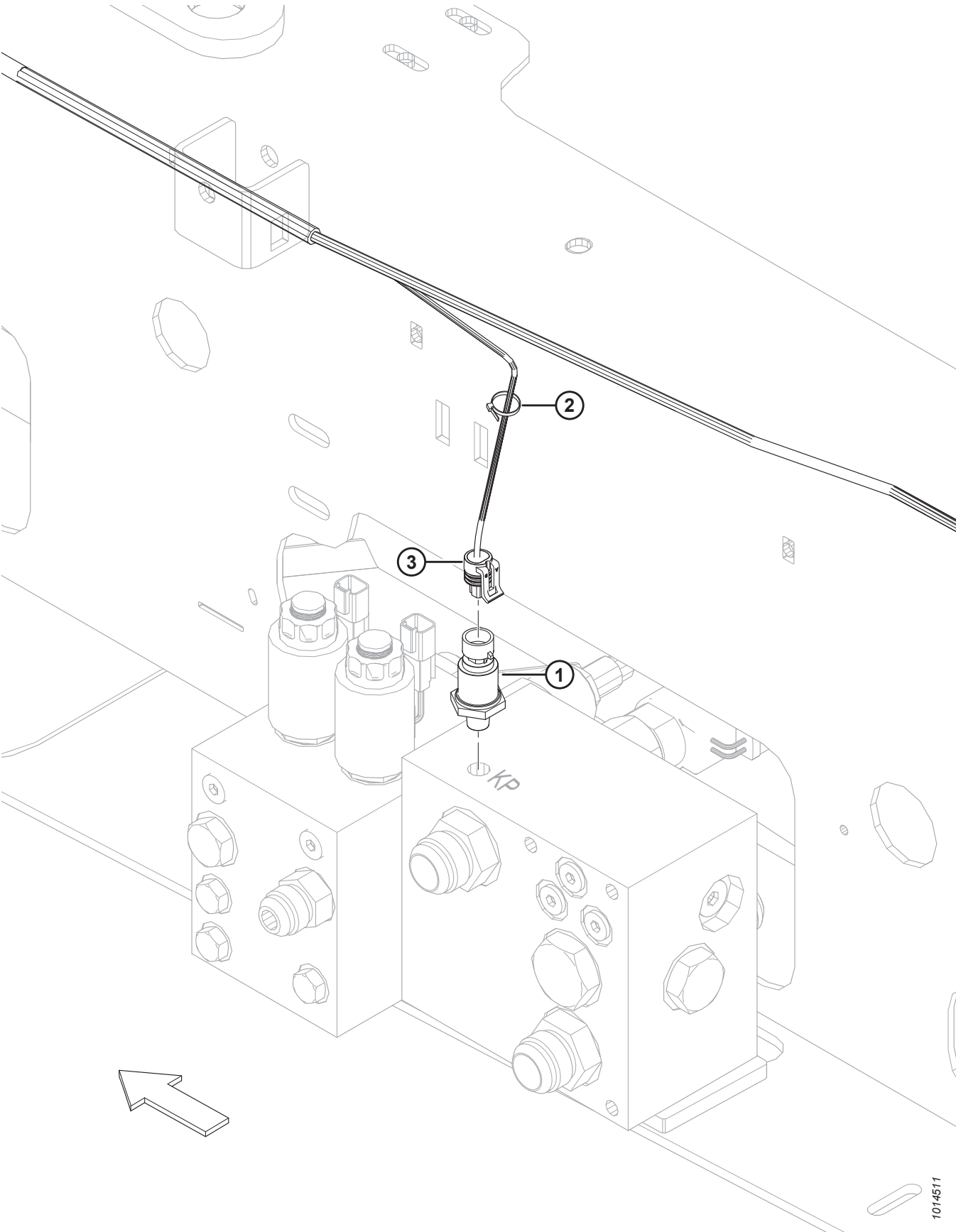
(OPTION) OIL COOLER BYPASS KIT

Ref	Part Number	Description	Qty	Serial Number
	183518	KIT – OIL COOLER BYPASS ¹⁶²		
1	183494	MANIFOLD – COOLER BYPASS	1	
	183505	VALVE – RELIEF 550 PSI ¹⁶³		
	183509	VALVE – SEQUENCE ¹⁶³		
	183521	SEAL KIT ¹⁶³		
2	21031	FITTING – ADAPTER HYD	1	
3	183493	HOSE – HYD, 5/8 IN ID, 800 MM LG, METAL REIN.	1	
4	134437	FITTING – COUPLING HYD-TEST PORT	2	
5	50086	FITTING – HYD TEE	1	
A	136652	SCREW – HEX SKT HD M6 X 1.00 X 20-12.9-A2L		

162. Includes items #1–5, hardware A, and instructions.

163. Service part for cooler bypass manifold (MD #183494).

100 (Option) Pressure Sensor Kit



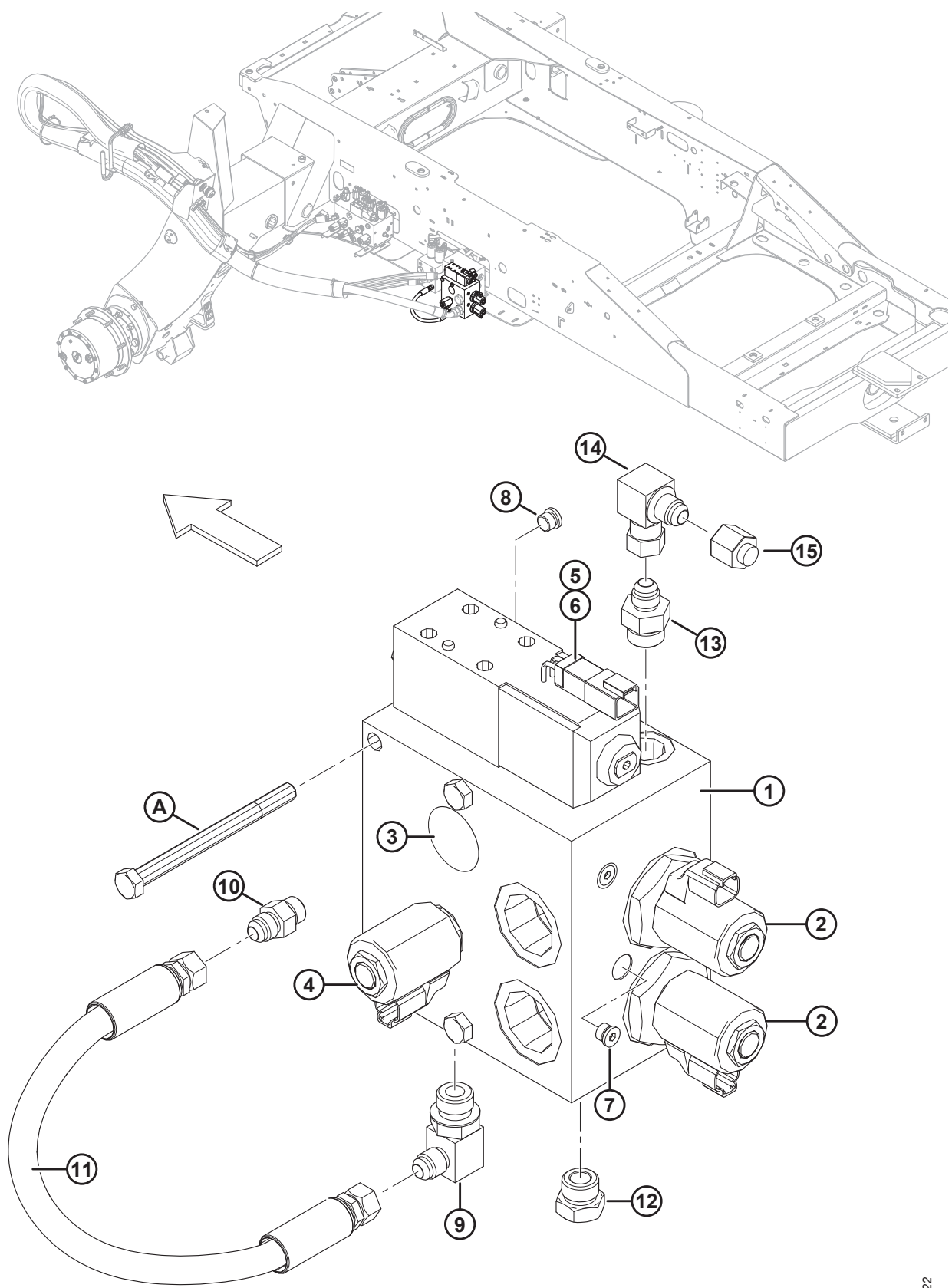
(OPTION) PRESSURE SENSOR KIT

Ref	Part Number	Description	Qty	Serial Number
	B4926	KIT – PRESSURE SENSOR ¹⁶⁴		
1	111634	SENDER – PRESSURE, 5000 PSI	1	
2	21763	FASTENER – CABLE TIE, BLACK, 160 MM LG	3	
3	REF	CHASSIS HARNESS – 3 PIN CONNECTOR PLUG (P97) ¹⁶⁵		

164. Kits available through Whole Goods only.

165. Connect existing three-pin connector plug labeled P97 from chassis harness to pressure sender (MD #111634).

101 (Option) Reverser

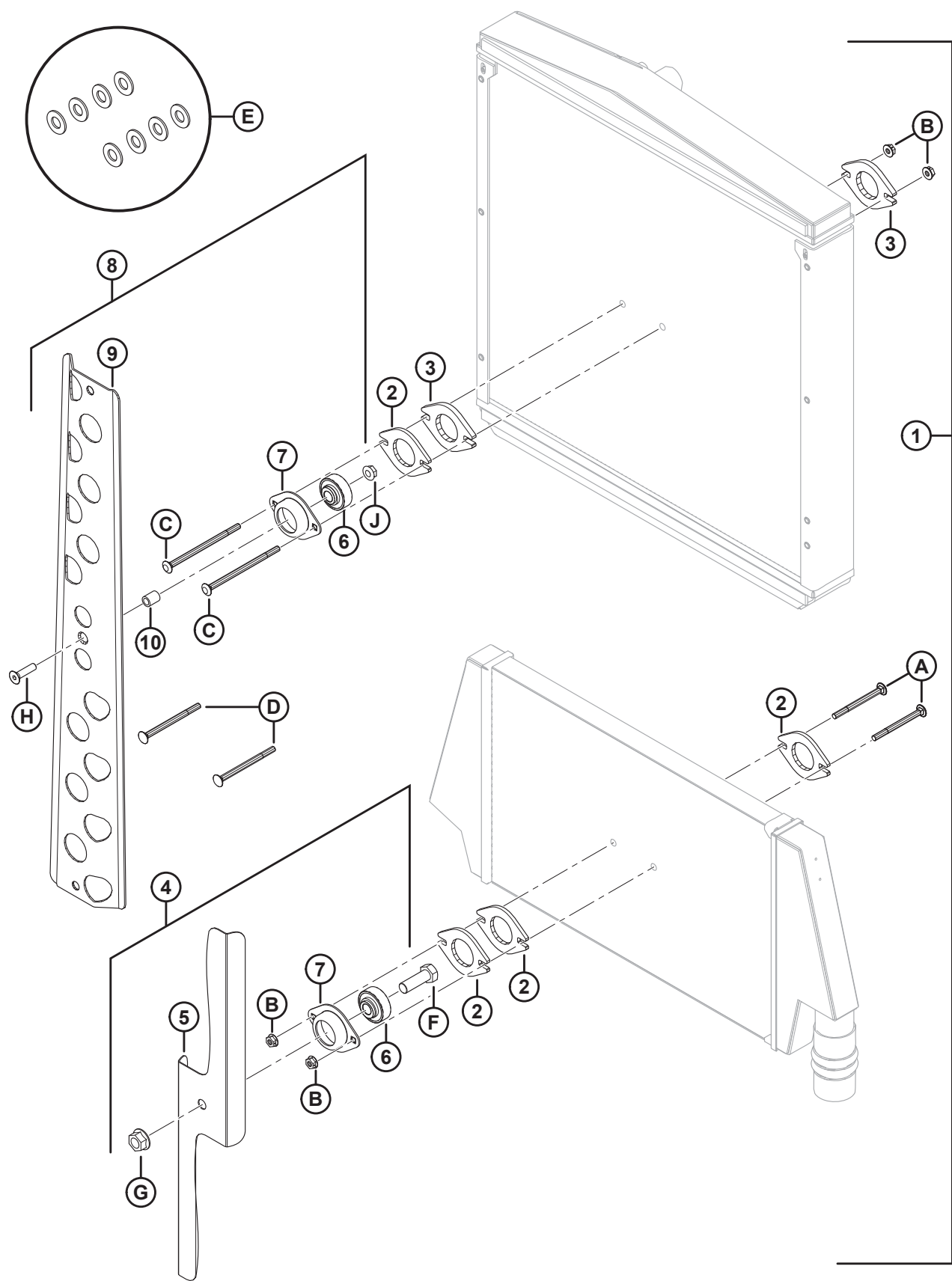


(OPTION) REVERSER

Ref	Part Number	Description	Qty	Serial Number
	B4656	KIT – REVERSER ¹⁶⁶		
1	111781	VALVE – REVERSER	1	
	49844	SEAL KIT		
	320284	O-RING – 2.38 X 20.64	3	
	163185	O-RING – 1 3/4 IN. ID	2	
	163186	VALVE – SHUTTLE	1	
	163188	COIL		
	163191	NUT – SPECIAL	1	
2	163179	VALVE – SOLENOID (P65 AND P66)	2	
	163154	COIL – TOUGH		
	163187	SEAL KIT		
3	163150	VALVE – CHECK	1	
	49854	SEAL KIT	1	
4	163180	VALVE – SOLENOID (P106)	1	
	163154	COIL – TOUGH		
	163160	SEAL KIT		
5	163181	CONTROL – DIRECTIONAL (P67)	1	
	163192	NUT – SPECIAL	1	
	163162	SEAL KIT	1	
6	163148	KIT – BOLT	1	
7	163182	FITTING – ZERO LEAK GOLD #02, 5/16-24 UN 2A	1	
8	163183	PLUG – ORIFICE	1	
9	30283	FITTING – ELBOW HYD	1	
10	15903	FITTING – CONNECTOR HYD	1	
11	111782	HOSE – HYD, 1/4 IN ID, 450 MM LG, METAL REIN.	1	
12	30977	PLUG – HEX C/W O-RING	1	
13	21804	FITTING – CONNECTOR, HYD	1	
14	106717	FITTING – ELBOW, HYD	1	
15	30813	CAP – 3/8 IN. TUBE	1	
A	30080	BOLT – HH 3/8 NC X 4.5 LG GR 5 ZP		

166. Kits available through Whole Goods only.

102 (Option) Sweeps Kit



1025981

(OPTION) SWEEPS KIT

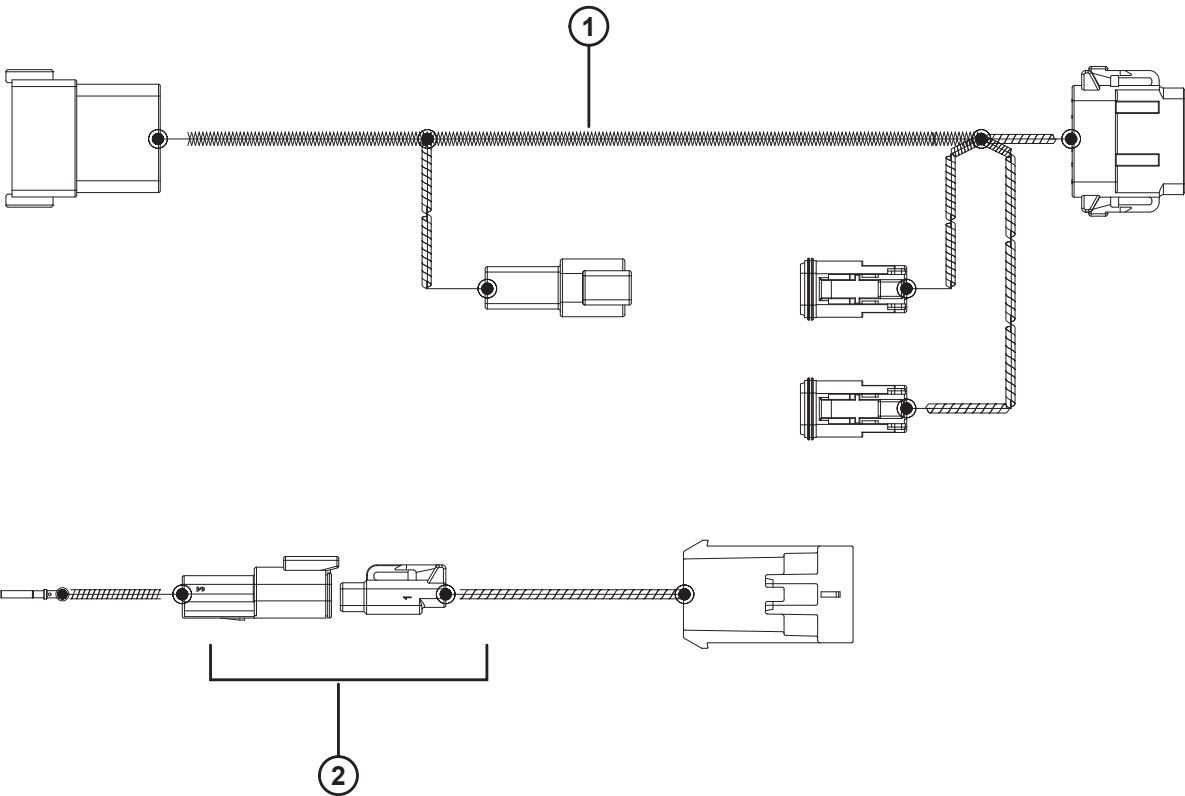
Ref	Part Number	Description	Qty	Serial Number
		5 SERIES SWEEPS KIT		
1	167958	KIT – 5 SERIES SWEEPS ¹⁶⁷	1	
2	138452	SPACER – CAC SWEEP	4	
3	139986	SPACER – RAD SWEEP	2	
A	139825	BOLT – RHSN 1/4-20 X 3 GR 5 ZN PL		
B	135248	NUT – FLG SMTH FACE 1/4-20 NC GR 5 ZN PL CTR LK DT		
C	136079	BOLT – RHSN 1/4-20 X 4.5 GR 5 ZN PL		
D	136885	BOLT – RHSN 1/4-20 X 3.5 GR 5 ZN PL		
E	18598	WASHER – SAE FLAT 13/32 I.D X 13/16 IN. O.D. ZN PL		
		CAC SWEEP		
4	167434	SWEEP ASSY, CAC ¹⁶⁸	1	
5	138340	SWEEP – 5-SERIES CAC	1	
6	166020	BEARING – BALL CYL 12.7MM I.D.	1	
7	166021	HOUSING – BEARING	1	
F	18723	BOLT – HH 1/2 NC X 1.5 LG TFL GR 5 ZP		
G	50186	NUT – FLG LOCK SM FACE DT 0.500-13 UNC GR 5		
		RAD SWEEP		
8	183748	SWEEP ASSY, RAD ¹⁶⁹	1	
9	167998	SWEEP – RADIATOR	1	
6	166020	BEARING – BALL CYL 12.7MM I.D.	1	
7	166021	HOUSING – BEARING	1	
10	252756	SPACER	1	
H	252755	SCREW – CSK SOC HD 5/16-18 X 1.25-GR5-AF0C		
J	30280	NUT – FLG SIDE LK SMTH FACE 5/16 NC GR 5 ZP		

167. Includes all listed assemblies, parts, and hardware.

168. Includes sweep (MD #138340), bearing (MD #166020), bearing housing (MD #166021), and hardware (MD #18723 and 50186).

169. Includes radiator sweep (MD #167998), bearing (MD #166020), bearing housing (MD #166021), spacer (MD #252756), and hardware (MD #252755 and 30280).

103 (Option) Trimble GFX Display Compatibility Kit

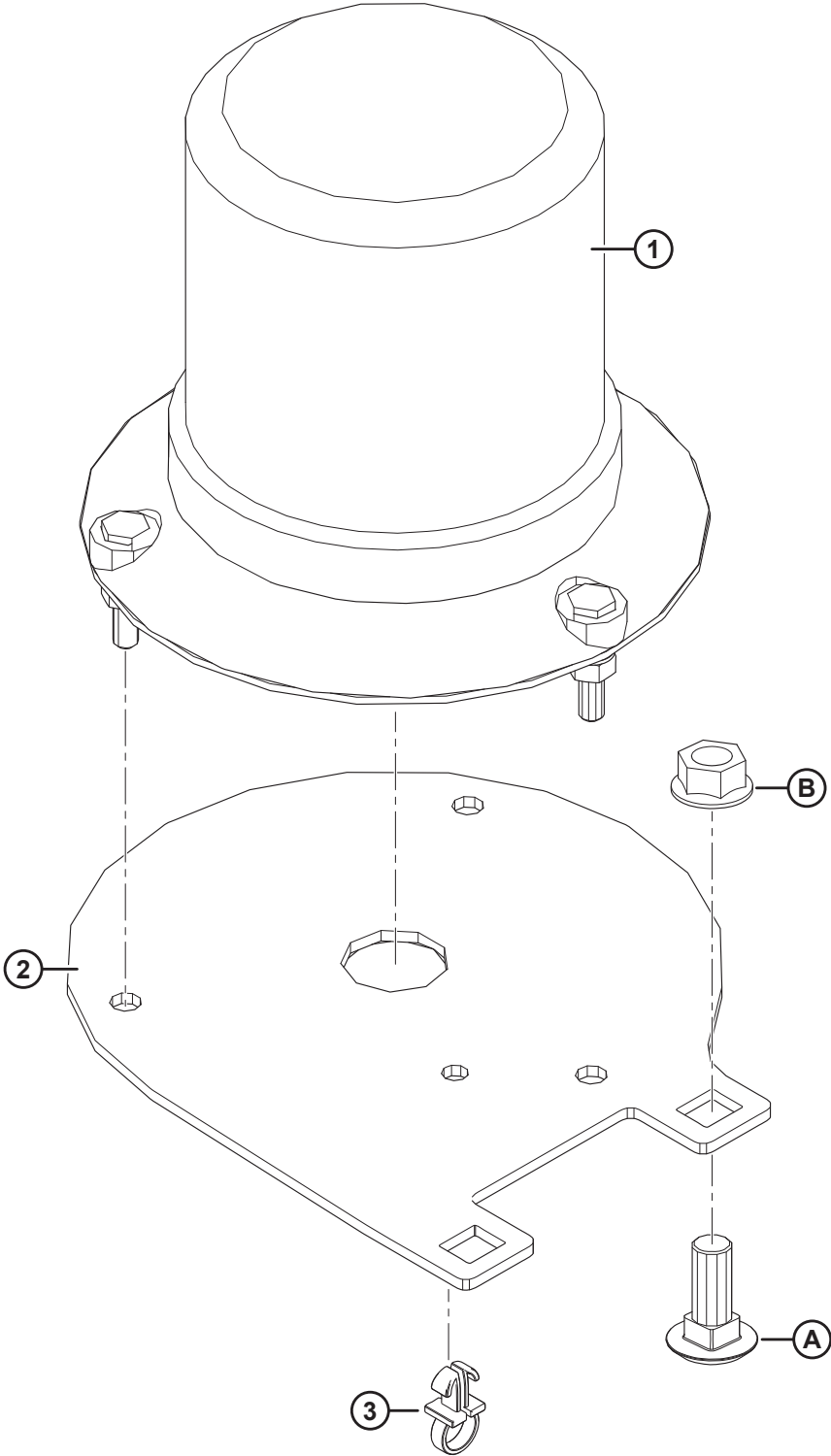


(OPTION) TRIMBLE GFX DISPLAY COMPATIBILITY KIT

Ref	Part Number	Description	Qty	Serial Number
	B9003	KIT – TRIMBLE GFX DISPLAY, M SERIES ¹⁷⁰		
1	309035	HARNESS – ADAPTER, GFX GUIDANCE SYSTEMS	1	
2	309043	JUMPER – TBC, GPS, M SERIES	1	

170. Kits are available through Whole Goods only.

104 (Option) Warning Beacon



1018733

(OPTION) WARNING BEACON

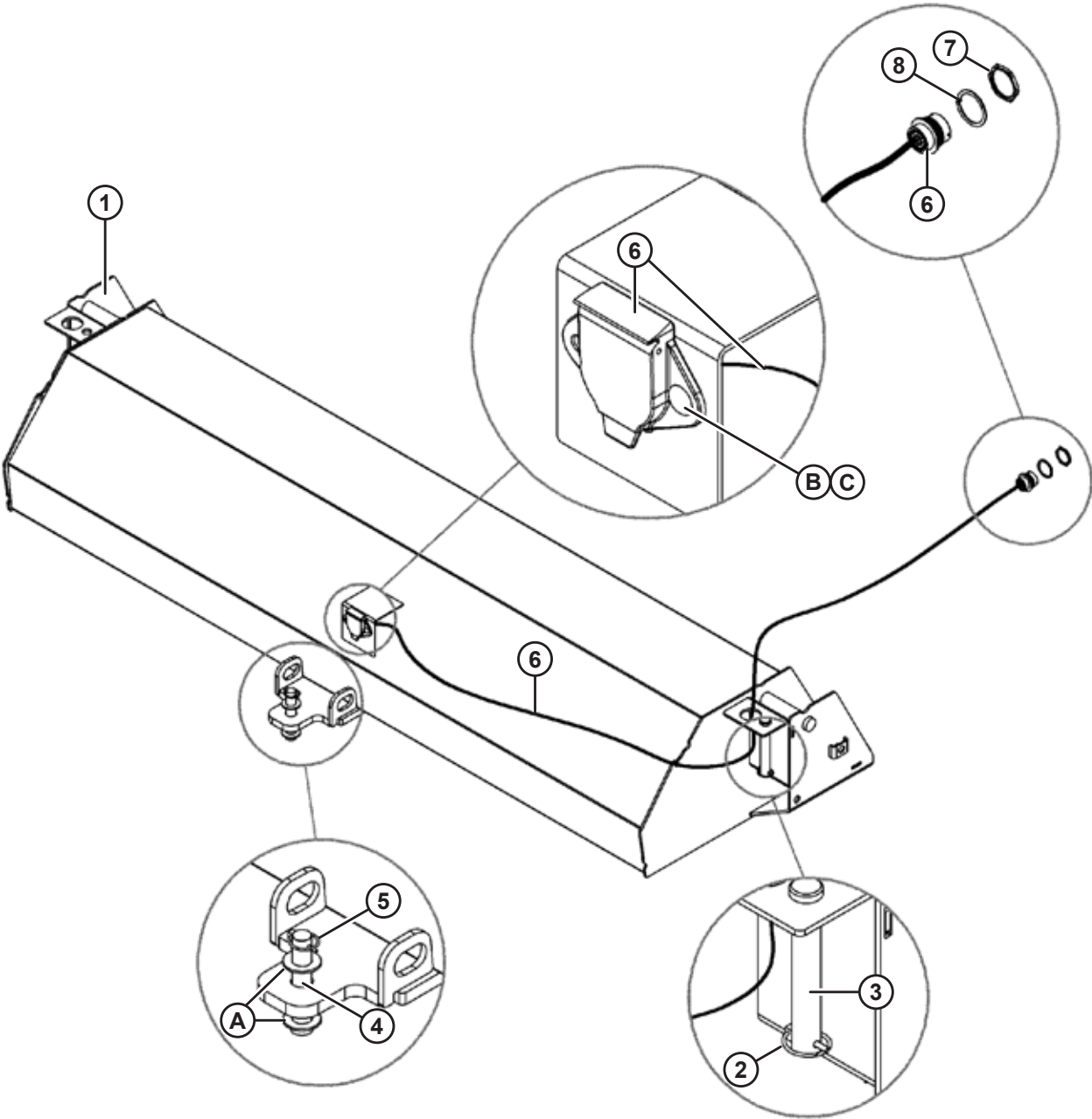
Ref	Part Number	Description	Qty	Serial Number
	B5582	KIT – WARNING BEACON, 5 SERIES ¹⁷¹		
1	167884	LIGHT – BEACON, LED ¹⁷²	2	301190–
	160378	LENS – AMBER ¹⁷³		–301189
	160379	BULB – H1, 12V, 55W ¹⁷³		–301189
2	138269	SUPPORT – BEACON	2	
3	30542	FASTENER – NYLON CLIP (BLACK)	2	
A	19965	BOLT – RHSN 3/8 NC X 1.0 GR 5 ZP		
B	30228	NUT – FLG DT SMOOTH FACE 0.375-16 UNC		

171. Kits available through Whole Goods only.

172. LED beacon light came standard on all model year 2017 and later units. Can be used to upgrade or replace model year 2016 and prior warning beacon lamp (incandescent bulb). Comes complete with mounting hardware and gasket.

173. Replacement part for warning beacon lamp MD #160374 used on model year 2016 and prior. Replace damaged warning beacon lamp MD# 160374 with LED beacon light MD #167884.

105 (Option) Weight Box



1004929

(OPTION) WEIGHT BOX

Ref	Part Number	Description	Qty	Serial Number
	B5238	KIT – WEIGHT BOX (C/W CONCRETE FILL) ¹⁷⁴		
	B5240	KIT – WEIGHT BOX (LESS CONCRETE) ¹⁷⁵		
	B5280	KIT – WIRING HARNESS FOR WEIGHT BOX ¹⁷⁶		
1	122080	FRAME – WEIGHT BOX WELDMENT	1	
2	102264	PIN – LYNCH 3/16 X 1-9/16 IN.	2	
3	112752	PIN – CLEVIS	2	
4	49341	PIN – CLEVIS	1	
5	102264	PIN – LYNCH 3/16 X 1-9/16 IN.	1	
6	122090	HARNESS – TRANSPORT ADAPTER ¹⁷⁷	1	
7	134010	NUT – PANEL	1	
8	134011	WASHER – LOCK SPRING	1	
A	18603	WASHER – SAE FLAT 1-1/16 I.D. X 2.0 IN. O.D. ZP		
B	21281	BOLT – RHSN 5/16 NC X 0.75 GR 5 ZP		
C	30280	NUT – FLG SIDE LK SMTH FACE 5/16 NC GR 5 ZP		

174. Kits available through Whole Goods only.

175. For export orders, order Weight Box Less Concrete (MD #B5240). Weight box must be filled with concrete at destination as per supplied instructions. Kits available through Whole Goods only.

176. Includes lynch pin (MD #102264). Kits available through Whole Goods only.

177. Includes panel nut (MD #134010) and washer (MD #134011).

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