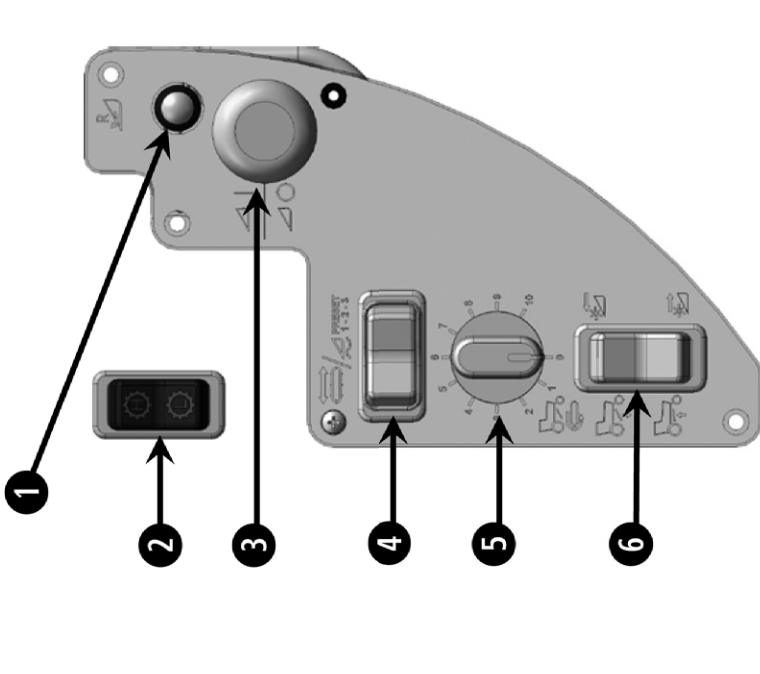


| TIME | SERVICE |
|---|--|
| 10 Hours or Daily | <ol style="list-style-type: none"> Check tire inflation. Check engine oil level. Check engine coolant level at reserve tank. Clean radiator, hydraulic oil cooler, charge air cooler, and A/C condenser. Check hydraulic oil level. Drain fuel filter water trap. Fill fuel tank. Check hydraulic hoses and lines for leaks. |
| 50 Hours | <ol style="list-style-type: none"> Grease caster pivots. Grease top lift link pivots. Grease forked caster spindle bearings. Clean cab fresh air intake filter. Check gear box oil level. |
| 100 Hours or Annually | <ol style="list-style-type: none"> Clean cab air return filter. |
| <p>NOTE: Refer to M155 Operator's Manual for 250, 500, 1000, 1500, 2000, 5000 hour and annual maintenance.</p> | |

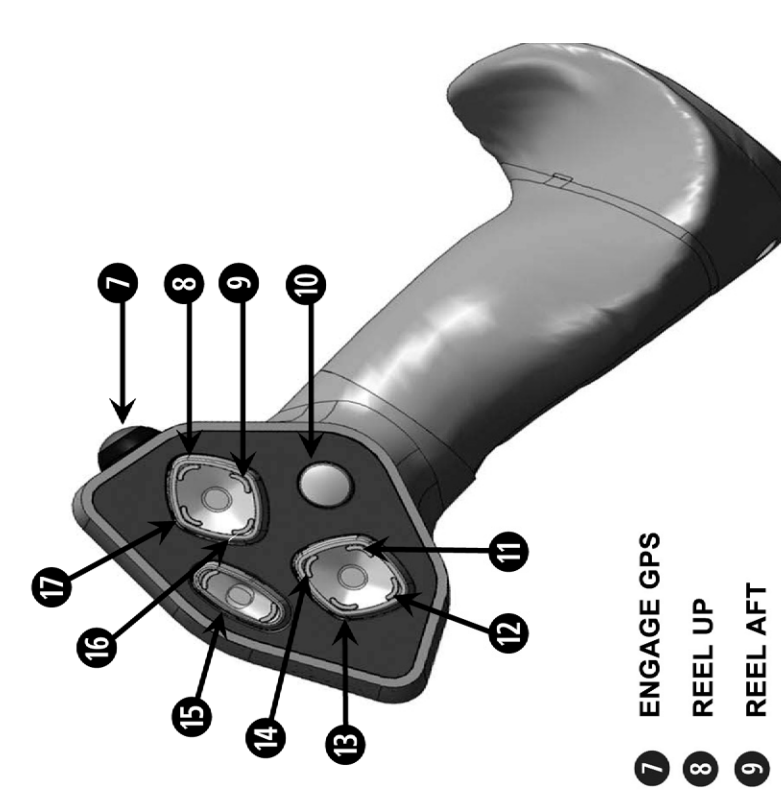
| BREAK-IN INSPECTIONS | | CHECK |
|----------------------|---|---|
| HRS | ITEM | |
| 1 | Drive Wheel Nuts | Torque: 375 ft-lbf (510 N·m) dry. Refer to M155 Operator's Manual |
| 5 | A/C Belt | Tension |
| | Caster Wheel Nuts | Torque: 120 ft-lbf (163 N·m) |
| | Caster Wheel Anti-Shimmy Dampener Bolts | Torque Inboard Bolt: 100 ft-lbf (135 N·m) Outboard Bolt: 85 ft-lbf (115 N·m) |
| 10 | Walking Beam Width Adjustment Bolts | Torque: 330 ft-lbf (448 N·m) |
| | Walking Beam Width Adjustment Bolts | Torque: 330 ft-lbf (448 N·m) |
| 50 | Neutral | Adjusted by Dealer |
| | Hose Clamps: Air Intake, Radiator, Heater and Hydraulic | Hand-tighten unless otherwise noted |
| | Walking Beam Bolts | Torque: 330 ft-lbf (448 N·m) |
| | Caster Wheel Anti-Shimmy Dampener Bolts | Torque Inboard: 100 ft-lbf (135 N·m) Torque Outboard: 85 ft-lbf (115 N·m) |
| | Main Gearbox Oil Drive Wheel Oil Lubricant Charge System & Hydraulic Oil Filters (except lift) Manifold Oil Filter | Change |

| FLUIDS AND LUBRICANTS | | |
|---------------------------------|---|---|
| FLUID | VOL | DESCRIPTION / INFORMATION |
| Fuel: Diesel No.2 | 97 US Gallons (367 L) | Sulphur (by weight) 0.5% max. Water and Sediment (by vol) 0.05% max. Lubricity 520 microns |
| Fuel: Diesel No.1 and No. 2 Mix | 97 US Gallons (367 L) | Sulphur (by weight) 0.5% pref. 1% max. Water and Sediment (by weight) 0.1% max. Lubricity 460 microns |
| Engine Coolant (Anti Freeze) | 6.3 US Gallons (24 L) | ASTM D-6120 and Fleetguard ES Complete® |
| Drive Wheel Lubricant | 1.5 US Quarts (1.4 L) | SAE 75W-90 API service Class GL-5 |
| Grease | N/A | High Temperature Extreme Pressure EP2 Max. 1% molybdenum disulphide. Lithium base. Use as required unless otherwise noted |
| Engine Oil | 11.6 US Quarts (11 L) | SAE 15W-40 for API Class SJ and CH-4 |
| Hydraulic Oil | 17.2 US Gallons (65 L) | SAE 15W-40 for API Class CJ-4. Refer to Operator's Manual |
| Gear Box Lube | 2.2 US Quarts (2.1 L) | SAE 75W-90 API service Class GL-5 (SAE J2360 preferred) |
| A/C Refrigerant | 5 lb. (2.27 kg) | R134A |
| A/C Compressor Oil | 8.1 fl. oz (240 cc) | SP-15 PAG Lubricant |
| TIRE PRESSURES | | |
| Drive Tires | 18 - 26 BAR 32 psi (221 kPa) | 600 - 65 R28 BAR 26 psi (179 kPa) |
| | 18.4 - 26 TURF 35 psi (241 kPa) | 23.1 - 26 TURF 20 psi (138 kPa) |
| Rear Tires | All rear tire pressures are 10 psi (69 kPa) | |



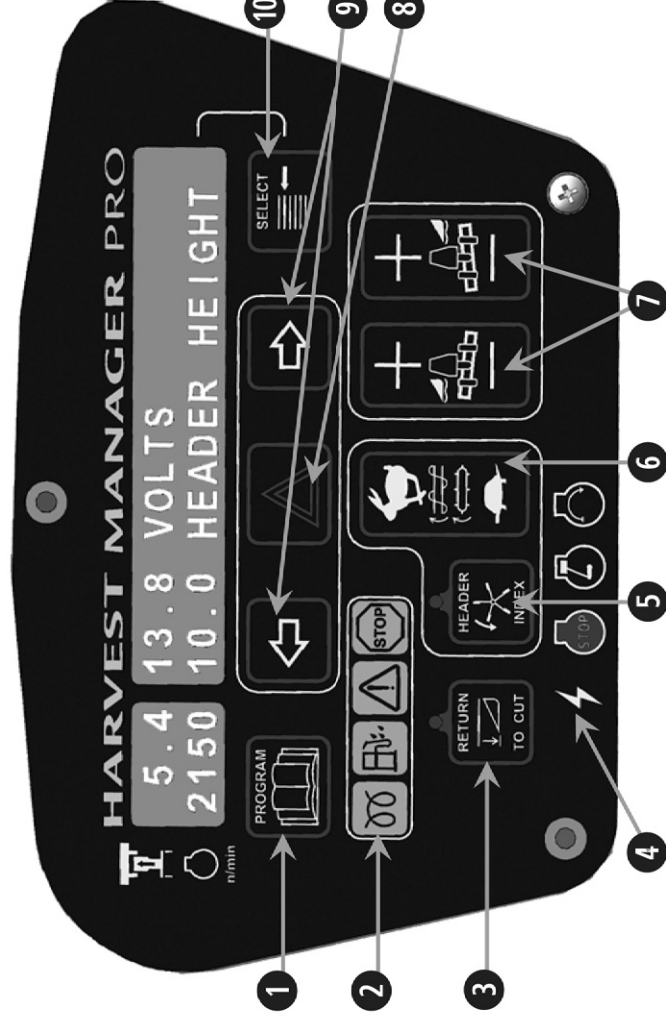
- 1 REVERSER** - To activate, hold down and engage the header (requires optional hydraulics)
- 2 GROUND SPEED RANGE**
- 3 HEADER ENGAGE**
- 4 DECK SHIFT / FLOAT PRE-SET**
- 5 DWA DRAPER SPEED (Optional)**
- 6 DWA RAISE / LOWER**

| FLOAT PRESETS |
|--|
| <p>A-Series, R-Series, or D-Series - Without Hydraulic Deck Shift</p> <p>FLOAT PRE-SET/DECK SHIFT switch allows for auto-memory of three different trim cylinder positions. For example:</p> <ul style="list-style-type: none"> #1 - Border Width LH 5.0, RH 6.5 #2 - Normal Width LH 5.0, RH 5.0 #3 - Rocky Width LH 6.5, RH 6.5 <p>D-Series with Hydraulic Deck Shift</p> <p>DECK SHIFT switch activates hydraulic deck shifting when the header is engaged, and allows for auto-memory of trim cylinder adjustments in each delivery opening position.</p> <p>Allows for compensation of weight shifts to the float springs.</p> |



- 7 ENGAGE GPS**
- 8 REEL UP**
- 9 REEL AFT**
- 10 SCROLLS THE TOP LINE OF DISPLAY**
- 11 HEADER TILT UP** (Retracts center-link)
- 12 HEADER DOWN**
- 13 HEADER TILT DOWN** (Extends center-link)
- 14 HEADER UP**
- 15 REEL (D65/A40) DISC SPEEDS (R-Series)**
- 16 REEL DOWN**
- 17 REEL FORWARD**

| NORMAL START - Engine Temp above 60°F (16°C) |
|--|
| <ol style="list-style-type: none"> Switch main battery disconnect switch to ON. Place GSL in N-DETENT. Push HEADER DRIVE switch to OFF. Ensure seat is locked in either Cab Fwd or Engine Fwd position. Fasten seat belt. Set throttle to START position - fully back. Sound horn three times. Turn ignition key to RUN position. Single loud tone sounds. Engine warning lights flash in self-test mode, and CDM displays "HDR DISENGAGED" and "IN PARK". Turn ignition key to START position until engine starts. Release key. Allow engine to run at IDLE until temperature reaches 100°F (40°C). <p>CDM displays programmed header data for five seconds (if attached) and then returns to previous display.</p> |



- 1 PROGRAM** - Press to enter and exit set-up modes, and for key shortcuts.
- 2 ENGINE WARNING** - Engine Pre-Heat, Water In Fuel, Engine Malfunction, Stop Engine.
- 3 RETURN TO CUT** - When the green light is "ON", activates the RETURN TO CUT programmable function.
- 4 IGNITION** - Accessory, Stop, Run, Start.
- 5 HEADER INDEX** - When the green light is "ON", activates the reel/conveyor speed features.
- 6 AUGER / DRAPER SPEED** - Adjusts draper or auger speed, depending on the header that is attached.
- 7 FLOAT** - Provides in-cab adjustments for header flotation system. Left and right cylinders adjust independently.
- 8 HAZARD WARNING LIGHT** - Flashing amber lights operate in both cab-forward and engine-forward positions.
- 9 TURN SIGNAL** - Activates the turn indicators, and scrolls through the CDM set-up screens.
- 10 SELECT** - Changes bottom line of the display, and works as the "enter" button in Program mode.

HEADER INDEX MODE

Enhanced reel/conveyor speed controls may be desirable in variable crop and terrain conditions.

Allows the reel and conveyor to be driven by reference to ground speed, so that header systems will speed up and slow down as ground speed changes.

Operation of Header Index for REEL SPEED: (A and D Series)

1. With all bystanders clear, start windrower, and engage the header.
2. While stationary, with the GSL in PARK, use the REEL SPEED control switch to set a 'Minimum Reel Speed'.
3. When operating at grounds speeds faster than the Minimum Reel Speed + Header Index value, REEL SPEED display will change to REEL INDEX. Using the GSL REEL SPEED switch, Header Index can be adjusted.
4. Reel speed will be equal to the greater of: 'Ground Speed + Index Value' OR 'Minimum Reel Speed'.

Operation of Header Index for DRAPER SPEED: (D Series Only)

Follow instructions above, using the CDM AUGER/DRAPER speed control, rather than the GSL REEL SPEED switch.

TIPS AND SHORTCUTS

| | |
|-----------------------------------|--|
| Enter Programming Mode | Ignition ON. Press and hold PROGRAM and SELECT at the same time, until the CDM display enters programming mode. |
| Exit Programming Mode | Press PROGRAM . |
| Change Language to English | Ignition OFF. Press and hold HEADER INDEX and PROGRAM and SELECT . |
| Clear Sub-Acres | Cab-Forward position. Ignition ON. Press SELECT until SUB-ACRES is viewed on the bottom line of the display. Press and hold PROGRAM until SUB-ACRES changes to 0.0. |

| CDM PROGRAMMING MODE: TRACTOR SETUP (See M155 Operator's Manual for complete instructions and detailed information) | |
|--|--|
| SET KNIFE SPEED → SPM | Adjusts knife speed on draper and auger headers. Every header size and type of knife drive will have a different range for the knife speed. Refer your header Quick Card for optimal settings. |
| KNIFE / DISC OVERLOAD SPD →SPM/RPM | KNIFE OVERLOAD SPEED (Auger / Draper) to be set at 75% of desired knife speed. DISC OVERLOAD SPEED (Rotary) should be set to 1300 rpm. |
| OVERLOAD PRESSURE → PSI/BAR | Adjusts warning pressure of overload sensor (reel/drapper/knife/disc system). See Overload Recommendations Chart below. |
| HEADER INDEX MODE → Reel+Drapers OR Reel Only | Auger and Draper headers only. References and operates 'Reel Only' or 'Reel and Drapers' in relation to ground speed. |
| RETURN TO CUT MODE → Height+Tilt OR Height Only | Set functions to be controlled by RETURN TO CUT (RTC) mode. |
| AUTO RAISE → | Sets header-up height in RETURN TO CUT (RTC) mode. Range is 4.0 (min) to 10.0 (max). |
| DWA INSTALLED → YES/NO? | Activates electrical controls for Double Windrow Attachment when installed. |
| SWAP DWA CONTROLS → NO/YES? | If YES is selected, the REEL FORE-AFT buttons on the GSL and the DWA RAISE/LOWER switches on the console will swap functions. |
| DWA AUTO UP/DOWN YES/NO? | Enables the express UP and DOWN features in RETURN TO CUT (RTC) mode. |
| HEADER CUT WIDTH → ##.# FT/M | Set cut width according to operating width. Calibration of acre counter. Header ID displayed on CDM at top right. |
| HAY CONDITIONER → YES/NO? | Draper Header only. Activates hydraulics for conditioner and feed deck drive systems. |
| AUGER HDR REEL SPD → RPM or MPH/KMH | Selection will appear only with an auger header attached. Allows REEL SPEED to display in rpm or mph or kph. |
| SET TIRE SIZE → | Select installed tire size for ground speed and acre counter calibration. |
| SET ENGINE ISC RPM → NO/YES? | ENGINE INTERMEDIATE SPEED CONTROL. Engine rpm can be limited to a specified value while header is engaged. Scroll to desired rpm value. Use HAZARD key to set. |
| SET CONTROL LOCKS → NO/YES? | Allows header functions to be locked from Operator control (for example: Locking reel speed and/or reel fore-aft controls from Operator.) |
| VIEW CONTROL LOCKS → NO/YES? | Allows Operator to view control lock status, and engine hours when status was established (for example: REEL FORE-AFT - 224.5 HRS LOCKED). |

| HEADER MODEL | APPLICATION / SYSTEM | SUGGESTED OVERLOAD WARNING SETTING psi (kPa) | WINDROWER PRESSURE RELIEF SETTING psi (kPa) |
|--------------|------------------------------|--|---|
| R-Series | Disc Pressure | 4000 (27579) | 4200 (28958) |
| A-Series | Reel / Draper Pressure | 3000 (20684) | 3200 (22063) |
| D-Series | Knife / Conditioner Pressure | 4000 (27579) | 4200 (28958) |