

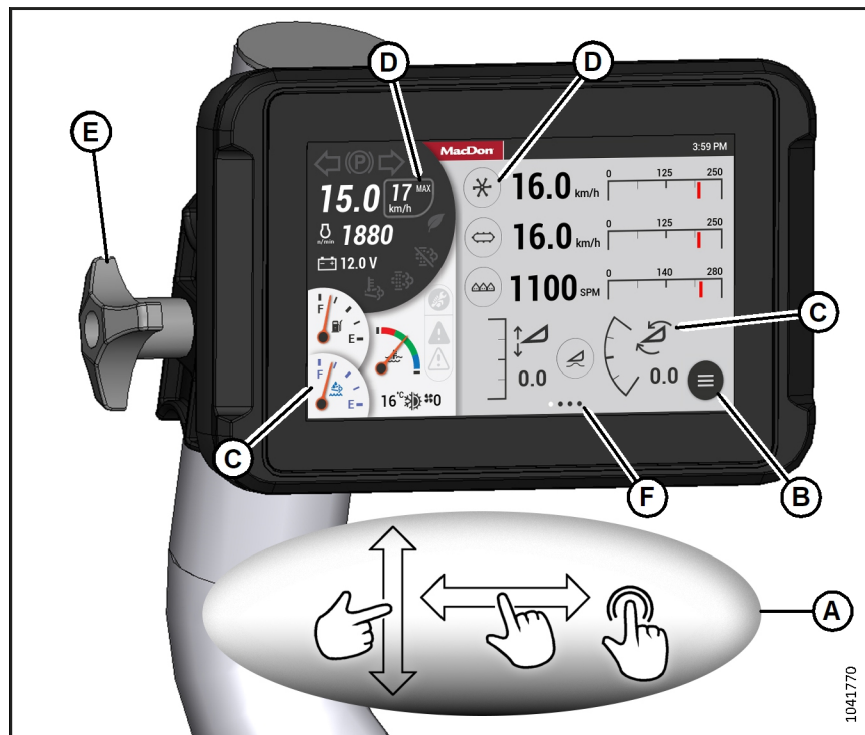
Ground Speed Lever (GSL) Buttons	
Callout	Function
A	Reel speed / disc speed
B	Back
C	Select
D	Autosteer engage (if installed)
E	Reel position
F	One-Touch-Return presets
G	Header position
H	Shift
J	Scroll wheel and select

Ground Speed Lever (GSL) Shortcuts	
Buttons	Function
Shift + back	Home page
Shift + select	Main menu access
Shift + scroll	Adjust maximum ground speed

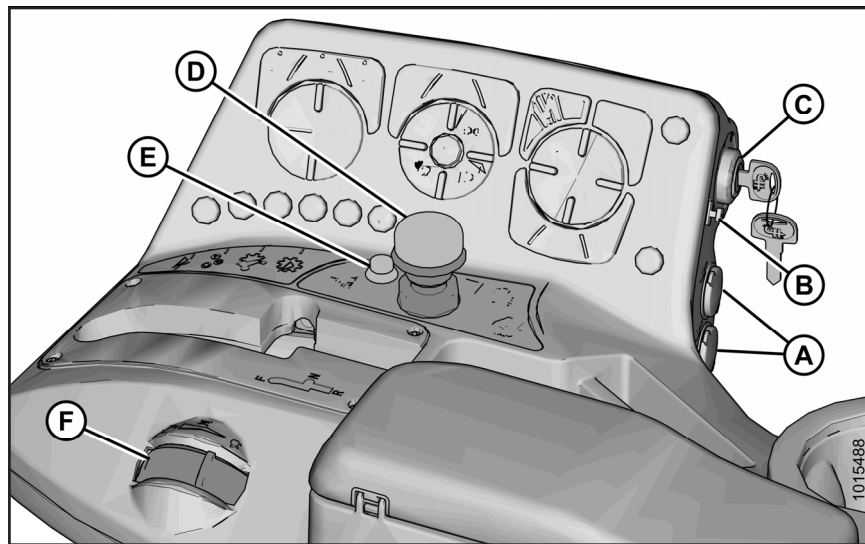
Pro Tip

Easily activate the turn signals when transporting by using the REEL/DISC SPEED +/- buttons on the GSL.

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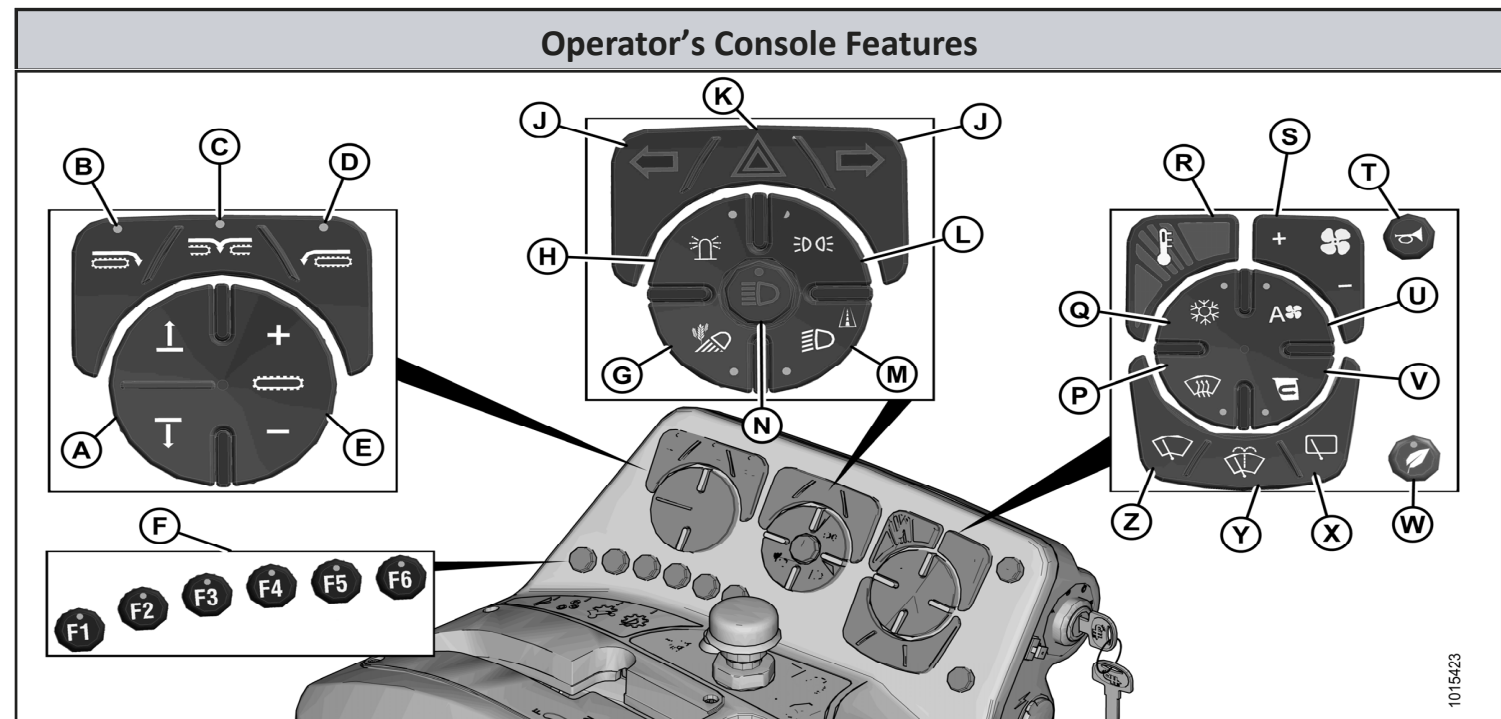
HarvestTouch™ Display	
Callout	Function
A	Touchscreen gestures: press icons and swipe pages to access features.
B	Main menu icon: press to access windrower and header settings.
C	Icons with no border highlight information but have no press functions.
D	Bordered icons can be pressed for additional information or functions.
E	Display mount knob: loosen to adjust the position of the display.
F	Multi-page dots (F) and scroll bars (not shown) indicate that you can swipe the touchscreen to access additional pages or information.



Operator Console Features			
Callout	Function	Callout	Function
A	Auxiliary power outlets	D	Header drive
B	USB jack	E	Header drive reverse
C	Ignition	F	Throttle

Subject to change without notice

M2170 Windrower Quick Card



Operator Console Buttons			
Callout	Function	Callout	Function
A*	Double window attachment (DWA) / swath roller attachment raise/lower*	N	High beams
B	Deck shift draper right side deliver	P	Windshield defog/defrost
C	Deck shift draper center delivery	Q	Air conditioning (A/C)
D	Deck shift draper left side delivery	R	Temperature
E*	Draper / double window attachment (DWA) speed*	S	Blower speed (manual mode)
F	HarvestTouch™ Display shortcuts	T	Horn
G	Cab-forward field lights	U	Auto fan speed
H	Beacon lights	V	Cab air recirculation
J	Turn signals	W	Eco Engine Control (EEC)
K	Hazard light	X	Windshield wiper (rear)
L	Clearance lights	Y	Wiper fluid (front and rear)
M	Road lights	Z	Windshield wiper (front)

* If the M2170 Windrower is attached to the R216 Grass Seed Header, buttons (A) control the grass seed header drum position and buttons (E) control the drum speed.

HarvestTouch™ Display Shortcuts	
Button	Shortcut
F1	Float menu
F2	One-Touch-Return
F3	Windrower settings
F4	Header settings
F5	Conditioner baffle raise (R2 Series standard header) Anti-shatter shield extend (R2 Series Grass Seed Header)
F6	Conditioner baffle lower (R2 Series standard header) Anti-shatter shield retract (R2 Series Grass Seed Header)

- Normal Start – Engine Temperature above 15°C (60°F)**
1. Lock operator's seat in either cab-forward or engine-forward position, GSL in PARK, and HEADER DRIVE switch OFF.
 2. Put your seat belt on. Set throttle to LOW IDLE position (fully back).
 3. If HarvestTouch™ Display is booting up, allow the Wait to Start (WTS) symbol to disappear before starting the engine.
 4. Sound horn three times.
 5. Turn the ignition key to the START position until the engine starts, release the key, and idle the engine until the temperature reaches 40°C (104°F). The HarvestTouch™ Display displays the MacDon logo for 16 seconds before switching to the header disengage page.

Break-In Inspections		
Hr(s)	Item	Check
1	Drive wheel nuts	Torque: 510 Nm (375 lbf-ft) dry Refer to operator's manual.
5	A/C compressor belt	Tension
	Caster wheel nuts	Torque: 170 Nm (125 lbf-ft)
	Caster wheel anti-shimmy dampener bolts	Torque bolts: Inboard (x2): 135 Nm (100 lbf-ft) Outboard: 244 Nm (180 lbf-ft) Outboard jam nut: 135 Nm (100 lbf-ft)
10	Walking beam width adjustment bolts	Torque: 759 Nm (560 lbf-ft)
	Walking beam width adjustment bolts	Torque: 759 Nm (560 lbf-ft)
50	Hose clamps: air intake, radiator, heater and hydraulic	Hand-tighten unless otherwise noted.
	Walking beam width adjustment bolts	Torque: 759 Nm (560 lbf-ft)
	Caster wheel anti-shimmy dampener bolts	Torque bolts to the same specification as 5 hour check.
	Main gearbox oil	Change
	Drive wheel oil lubricant	
	Hydraulic return filter	
Hydraulic charge filter		

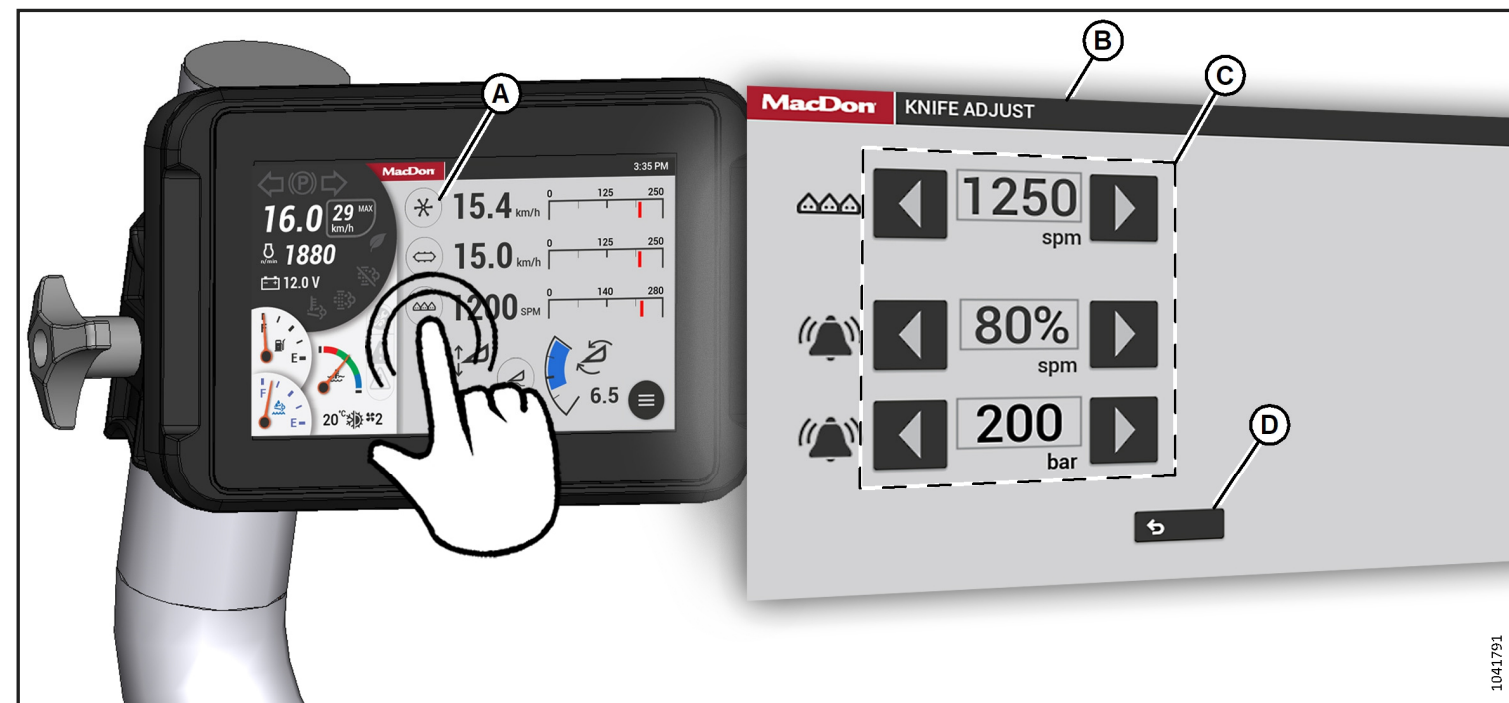
Ongoing Maintenance Intervals	
Time	Service
Every 10 hours or daily	Check tire inflation. Check engine oil level. Check engine coolant level at reserve tank. Check hydraulic oil level. Drain fuel filter water trap. Fill fuel tank. Check hydraulic hoses and lines for leaks. Check diesel exhaust fluid (DEF) level.
Every 50 hours	Grease caster pivots (x2). Grease top lift link pivots (x4). Grease caster wheel bearings. Clean cab fresh air intake filter. Check gearbox oil level.
Every 100 hours or annually	Clean cab air return filter. Clean radiator, hydraulic oil cooler, charge air cooler, and A/C condenser.
Every 250 hours	Change engine oil and filter. Change engine gearbox oil. Change air cleaner primary filter. Check wheel drive oil level.
NOTE: Refer to the M2170/M2260 Operator's Manual for service beyond 250 hours.	

Fluids and Lubricants			
Fluid	Capacity	Spec	Description / Information
Diesel exhaust fluid (DEF)	49 L (13 US Gallons)	Must meet ISO 22241 requirements	Diesel exhaust system
Fuel: diesel No.2	518 L (137 US Gallons)	ASTM D-975 Grade S15	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	518 L (137 US Gallons)	n/a	Sulphur (by weight) 0.5% pref. 1% max. water and sediment (by weight) 0.1% max. lubricity 460 microns
Engine coolant / antifreeze	30 L (7.9 US Gallons)	ASTM D-6120 and CES-14603, Peak Final Charge Global™ or Fleetguard ES Compleat™ OAT	Refer to operator's manual for more information
Wheel drive lubricant	Standard: 1.4 L (1.5 US Quarts)	SAE 75W-140 (or 80W-140) API service class GL-5	Fully synthetic gear lubricant (SAE J2360 preferred)
	High Torque: 4.5 L (4.8 US Quarts)	SAE 85W-140, API service class GL-5	
Grease	As required	SAE multi-purpose	High temperature extreme pressure EP2 max. 1% molybdenum disulphide, lithium base unless otherwise noted
Engine oil	11 L (11.6 US Quarts)	SAE 15W-40 for API class SJ and CJ-4	Engine oil pan
Hydraulic oil	60 L (15.8 US Gallons)	Hydraulic transmission oil; refer to operator's manual	Windrower drive and header drive
Gearbox oil	2.1 L (2.2 US Quarts)	SAE 75W-140 (or 80W-140) API service class GL-5 (SAE J2360 preferred)	Fully synthetic gear lubricant for engine gearbox
A/C refrigerant	2.27 kg (5 lb.)	R134A	Cab A/C system
A/C compressor oil	240 cc (8.1 fl. oz)	SP-15 PAG	Cab A/C compressor lubricant

Tire Pressures
The recommended tire pressure will vary depending on header type and attachments installed. Refer to the M2170/M2260 Operator's Manual for a complete list of recommended tire pressures.

HarvestTouch™ Display Header Run Page

The HarvestTouch™ Display is a touchscreen controller that provides at-a-glance information and intuitive control over windrower and header settings. Adjustable parameters are indicated by an icon surrounded by a border (A). Select an adjustable parameter to open the adjustment page (B). Use the arrows (C) to change the parameter value. Press the BACK icon (D) to return to the previous page.



HarvestTouch™ Display Menu Features		
• Adjust float	• Adjust header parameters	• Access maintenance information
• Adjust Eco Engine Control (EEC) speed	• Adjust auto speed settings	• Manage telltales
• Set maximum ground speed	• Define header speed alarms	• Define header pressure alarm
• Monitor fuel economy	• Monitor machine operating temperatures	• View diagnostics information

NOTE: Press MENU icon (A) to open the HarvestTouch™ Display main menu.

- HOME:** Provides information and performance data about the windrower and the header.
- INFORMATION:** Provides access to adjustable settings for the display, windrower, header, and One-Touch-Return (OTR).
- SETUP:** Contains the maintenance scheduler. Turn ON/OFF individual maintenance notifications and log your maintenance history.
- MAINTENANCE:** Provides diagnostic information: engine codes, windrower codes, signal I/O, and CAN network.
- DIAGNOSTIC:** Provides access to the selective catalytic reduction (SCR) catalyst conditioning MANUAL (force) and INHIBIT switches.
- EMISSIONS:**