

T8. PLM Intelligence™ - T9. PLM Intelligence™

Armrest Controls

Multi Function Handle - Control center (PST) - Propulsion lever (CVT)



Shuttle shift

Press to command forward travel. Press and hold for anti-jack knife braking.



Press the neutral button to shift the transmission into neutral.



Press to command reverse travel.



Autoguidance engage

Press to engage automatic steering if all the conditions for engagement are met.



Thumbwheel

PST -- In GSM, rotate to adjust maximum speed set point.
CVT -- Rotate to adjust min/max setting of current speed range.



Gear/range selector

PST -- Press upward to shift to the next higher gear. Press and hold for continuous shifts.

CVT -- Press upward to select the next higher speed range: F1 > F2 > F3.



PST -- Press downward to shift to the next lower gear. Press and hold for continuous shifts.

CVT -- Press downward to select the next lower speed range: F3 > F2 > F1.



GSM/cruise

PST -- Single press to command GSM field, double press to command GSM road.

CVT -- Press to command cruise mode.



Configurable button

Press to command the action assigned by the operator.



Hitch express

LH -- Press to raise rear hitch to upper limit. Press with 2nd function button to raise front hitch.



LH -- Press to lower the rear hitch to working depth. Press with 2nd function button to lower front hitch.



Stop

Press the stop button: to stop rear and/or front hitch movement to disengage the rear and/or front Power Take-Off (PTO), and/or to stop flow to the remote valves.



Remote valve

LH -- Press to start an extend timer or extend flow as long as held. First remote by default.



LH -- Press to start a retract timer or retract flow as long as held. Press with 2nd function button to command float. First remote by default.



RH -- Press to start an extend timer or extend flow as long as held. Second remote by default.



RH -- Press to start a retract timer or extend flow as long as held. Press with 2nd function button to command float. Second remote by default.



Headland step

Press to advance to next step in current headland turn sequence.

This card is provided for quick reference only.
Refer to the Operator's Manual for complete instructions and warnings for correct and safe operation.

Armrest Controls

Throttle button pad - Power Take-Off (PTO) controls and panel



Aggressiveness (CVT)

This setting changes how quickly and aggressively the engine and transmission respond. Each press of the button advances one level through the three settings.



Configurable buttons

Press to command the action assigned by an operator. An unassigned button displays the button configuration screen.



Engine Speed Management (ESM) 1

Press to command stored engine speed 1. Press and hold for 3 s. to store current RPM as ESM1.



Engine Speed Management (ESM) 2

Press to command stored engine speed 2. Press and hold for 3 s. to store current RPM as ESM2.



Rear PTO

Depress the rear PTO switch while moving it forward to engage the rear PTO. The switch remains in the forward engaged position. Move the switch rearward to disengage the PTO.



Front PTO

Depress the front PTO switch (not shown) while moving it forward to engage the front PTO. The switch remains in the forward engaged position. Move the switch rearward to disengage the PTO.



PTO intent

Press to allow the rear PTO to remain running when the operator leaves the operator's seat. The PTO must be running before the button is pressed.



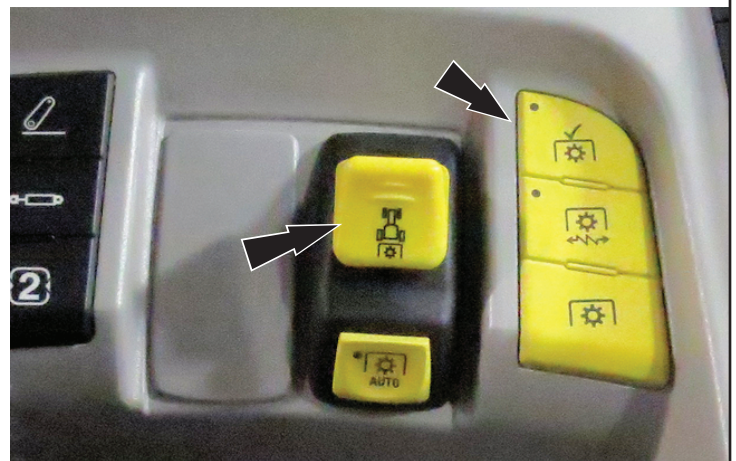
PTO load

Press to toggle between normal load and heavy load settings. Normal load is the default.



PTO settings screen

Press to display the rear PTO settings screen on the display.



Auto PTO

With the rear PTO running, press to engage automatic PTO operation:

- PTO engages when the rear hitch is express lowered below a selected height,
- PTO disengages when the rear hitch is express raised above a selected height.

Armrest Controls

Center control panel

TerraLock™



Press the auto TerraLock™ button to enable automatic TerraLock™ operation where engagement is determined by brake application, ground speed, and the steering engagement zone.



Press the manual button to manually engage or disengage front and rear TerraLock™ (T8) or rear TerraLock™ (T9).



T9. only - Press the manual button to manually engage or disengage front differential lock.

The LED on the button and icon on the cluster indicate its current state.



Mechanical Front Drive (MFD)



Press the auto button to enable TerraLock™ automatic MFD operation where engagement is determined by ground speed and the steering engagement zone.



Press the manual button to manually engage or disengage MFD.

The LED on the button and icon on the cluster indicate its current state.



Press and hold the TerraLock™ or Auto MFD button to display the screen for selecting the engagement zone.

Work lamps and beacon



Press to turn on or off the work lamps assigned to memory 2 on the tractor lighting screen.



Press to turn on or off the work lamps assigned to memory 1 on the tractor lighting screen.



Press to turn on or off the beacon lamps.

Headland Turn Sequence (HTS)



Single press to start recording a headland turn sequence.



Press once to toggle auto playback of a headland sequence on or off. Double press to toggle manual playback of a sequence on or off.

Quick access buttons



Press to access the engine settings screen on the display.



Press to access the transmission settings screen on the display.



Press to access the rear and front hitch settings screen on the display.



Press to access the rear and front remote valve settings screen on the display.

Configurable buttons



Press to command the action assigned by an operator. An unassigned button displays the button configuration screen.



Armrest Controls

Primary navigation panel - Remote levers

The function of the display navigation thumb wheel changes with its focus:

- if a RUN screen, rotate to cycle through the RUN screens,
- If a setup screen, rotate to scroll within the screen,
- if a slider control, rotate to increase/decrease the setting,
- if the system dial, rotate to select a tractor control system for changing.

The navigation thumb wheel acts as an Enter button when pressed and interacts with the Back button depending on the focus.



Back button

Use the system dial,

- to navigate to the settings screen for a key system,
 - remote valves,
 - engine ESM,
 - auto PTO,
 - phone/media,
 - work lights,
 - three-point hitch,
 - climate control,
 - transmission (Ultra Command™ only)
- to select a setting for updating,
- or to change the setting.

If the tractor system dial is not shown,

- Back displays the dial with its last selection, and
- Enter displays the dial with last adjusted control.

If the tractor system dial is shown,

- Back displays the previous screen, and
- Enter selects the next available screen.

If the dial focus is on an individual control,

- Back saves the change and displays the previous screen, and
- Enter saves the changes and exits the dial.

Remote valve levers are lettered (A-F) and assigned to any of the front or rear remote valves/couplers on the tractor. Each lever illuminates with the color of its valve coupler.

Neutral -- The lever returns to the center, neutral position when released, except when it is in float position.

Extend/Retract -- Move the lever upward/downward to provide proportional flow to extend/retract the cylinder. Flow is proportional to the lever movement and the flow setting for the valve. Flow stops when the lever is released. When a timer is active and a lever is moved to the soft detent extend/retract position and then released, flow continues until the timer expires or the lever is moved out of neutral.

Float -- Move the lever fully down to engage the float detent position. The lever remains in float until moved.



Setup



The remaining button on the panel provides quick access to the armrest configuration screens. Press to go to the setup screens for pairing remote levers and valves, for assigning remote valves to buttons on the multi function handle and for assigning functions to configurable buttons and the joystick.



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Armrest Controls

Hitch controls - Mouse - Lower right-hand panel

Front/rear hitch, if applicable



Selects which hitch is active. A green LED next to the icon indicates its active status. The rear hitch is active at key on by default.



Press and hold the front hitch icon for 5 s to latch control to the front hitch. The front hitch remains active until the rear hitch is selected or key off.



Hitch position/draft adjust



Rotate the thumbwheel forward to lower the hitch or increase down pressure.

Rotate the thumbwheel rearward to raise the hitch or decrease down pressure.

NOTE: If draft control is off, the thumbwheel adjusts hitch position; if on, the thumbwheel adjusts draft load.

Hitch express raise/lower



Press to raise the hitch to the upper limit (out of work height) at the current raise rate setting.



Press to lower the hitch to the lower limit (setpoint) at the current drop rate setting.

Hitch draft control, if applicable



Press to toggle draft control on or off. Upper LED illuminates steady when on and the hitch is in work.

Press and hold for 5 s to enable the Automatic Maximum Depth (AMD) feature. Lower LED illuminates.

Hitch setting save/recall



Press to toggle the saved position or draft load setting on or off.

Press and hold for 3 s to store the current set point/current draft load.

Front/rear hitch, if applicable



Selects which hitch is active. Green LED indicates active hitch. Selected hitch remains active until other hitch is selected or key off. Rear hitch is active at key on.






To adjust hitch settings:

- Press the button (1) for the setting which requires adjustment.
- Rotate the thumb wheel (2) away from the seat to increase a setting value.
- Rotate the thumbwheel toward the seat to decrease a setting value.



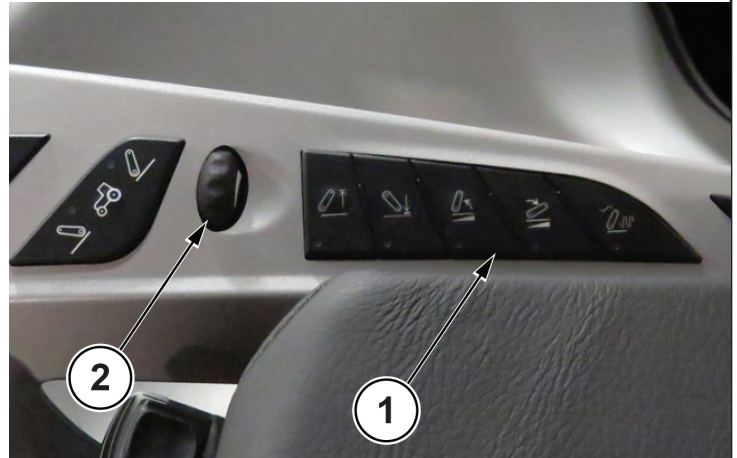
Armrest Controls

Hitch controls - Lower right-hand panel (continued)

-  Hitch upper limit - Adjusts the out-of-work height for the hitch. Available range is 0-100%.
-  Hitch lower limit - Adjusts the maximum depth to which an implement can be lowered. Available range is 0-49%.
-  Hitch raise rate - Adjusts the speed at which the hitch raises. Available range is 50-100%.
-  Hitch drop rate - Adjusts the speed at which the hitch drops when lowering. Available range is 0-100%.
-  Sensitivity - Adjusts how quickly the systems respond to draft load and wheel slip changes. Available range is 0-100%.










Configurable buttons

- 3 4** Press to command the action assigned by an operator.
- 5 6** An unassigned button displays the button configuration screen.







Armrest Controls

Upper right-hand panel

-  Press to answer or end the current call. Press and hold to display smart phone setup screen.
-  Press to toggle through audio sources. Press and hold to display media player screen.
-  Press to mute audio.
-  Press to decrease media volume.
-  Press to increase media volume.
-  Press to return to previous selection. Press and hold for backward sampling.
-  Press to advance to next selection. Press and hold for forward sampling.
-  Press to decrease cab temperature set point by one degree. Press and hold for continuous decrease.
-  Press to increase cab temperature set point by one degree. Press and hold for continuous increase.



-  Press to decrease cab blower speed by one percent. Press and hold for continuous decrease.
-  Press to increase cab blower speed by one percent. Press and hold for continuous increase.
-  Press to turn MAX defrost on or off. Press and hold to display HVAC setting screen.
-  Press to cycle to next air distribution mode. Hold for continuous cycling.

Armrest Controls Joystick (optional)

Joystick

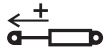
The joystick controls up to six separate remote valves:

- a remote on the y-axis,
- a remote on the x-axis,
- a remote on the y-axis with the 2nd function button,
- a remote on the x-axis with the 2nd function button,
- a remote with the front rocker switch,
- a remote with the front rocker switch and 2nd function button.

NOTE: Press the second function button and then move the joystick out of the neutral to engage the second function. Release the button and the second function remains active until the joystick is returned to neutral.



The joystick returns to the center, neutral position when released, except when it is in float position.



Extend (Raise) – Move the joystick rearward to provide proportional flow to extend the cylinder. Flow is proportional to movement and the flow setting for the valve. Flow stops when the joystick is released.

When a timer is active, if the joystick is moved to the extend soft detent position and then released, flow continues until the timer expires or the joystick is moved out of neutral.

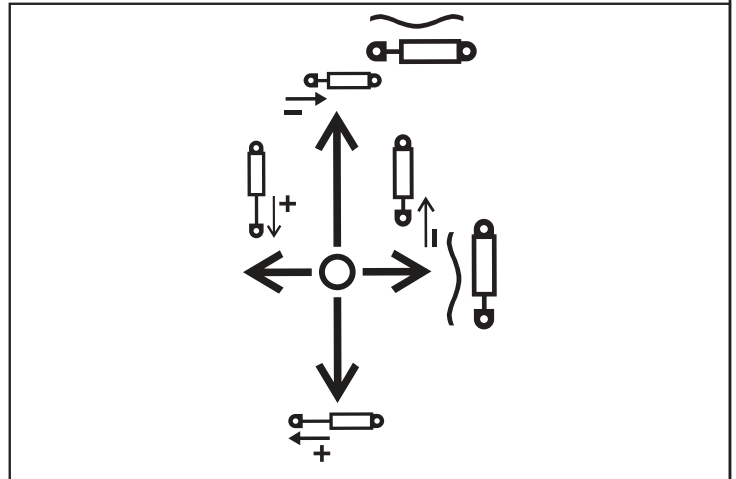


Retract (Lower) – Move the joystick forward to provide proportional flow to retract the cylinder. Flow is proportional to movement and the flow setting for the valve. Flow stops when the joystick is released.

When a timer is active, if the joystick is moved to the retract soft detent position and then released, flow continues until the timer expires or the joystick is moved out of neutral.



Float – Move the joystick to engage the float detent position. The lever remains in float position until moved.



NOTE: The shuttle shift and gear/range selector buttons on the joystick work the same as those on the multi-function handle. The joystick offers two additional user configurable buttons.

Stalk Controls

Main lighting control - Windshield wiper and washer controls

Auto lights



Twilight sensor senses low ambient light and turns on headlamps, tail lamps and position lamps. Work lamps remain on if on.

Off



Head lamps, signature lamps, tail lamps and position lamps turn off. Work lamps are enabled, but turn off.

Position lights



Position lamps and tail lamps are on. Head lamps are off. Work lamps are enabled.

Road lights



Head lamps, tail lamps and position lamps are on. High or low beam are active. Work lamps are enabled.



Outer ring - front wiper/washer



Hold in wash position to clean the front windshield with wiper action.



Front wiper off.



Front wiper intermittent operation. Middle ring on stalk selects delay between swipes.



Selects front wiper low speed.



Selects front wiper high speed.



Center ring - intermittent wiper



Five variable delay settings are available. Front and rear wipers share the same setting.

Inner ring - rear wiper/washer



Hold in wash position to clean the rear window with wiper action.



Rear wiper off.



Rear wiper intermittent operation. Middle ring on stalk selects delay between swipes.



Selects rear wiper low speed.

NOTE: The rear wiper automatically engages when the front wiper is on at any speed AND the tractor shuttle shifts from forward to reverse.

Side wiper(s) if equipped

The right-hand control stalk is the on/off switch for the side wiper(s). The center position is the off position.

Move the lever upward to turn on side wiper low speed.

Return the lever to the center position to turn off the side wiper(s).