

INSTALLATION NOTES

Pressure Transducer Installation

- ✓ Turn only metal hex provided
- ✓ Wire nut on wire connection – Hand tighten only
- ✓ 0.7 nm / 7in/lb maximum
- ✓ Apply dielectric grease to terminal connections

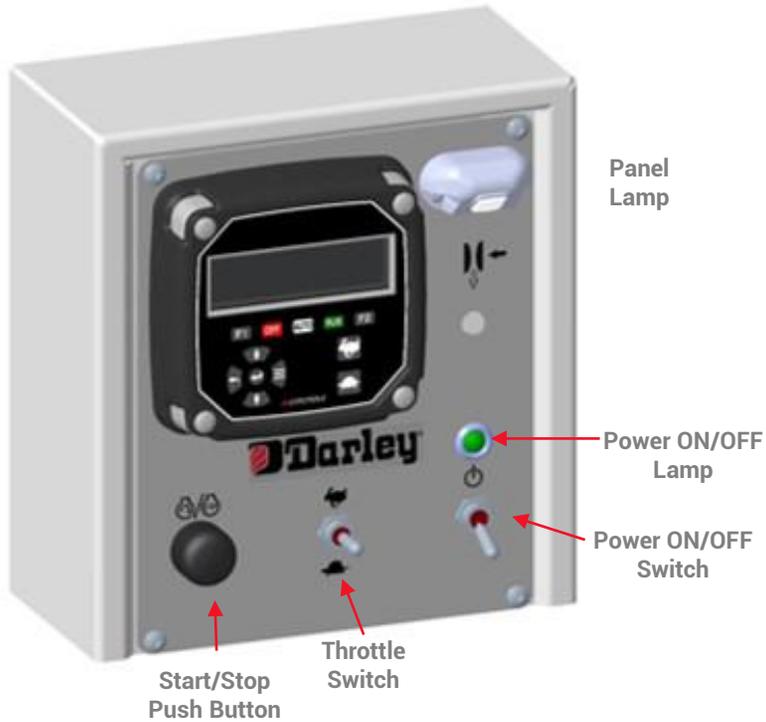
Wiring/System Grounding Notes

- ✓ Proper engine grounding required for panel operation
- ✓ Ground wire must be attached to starter mounting bolt
- ✓ Remove any paint or corrosion for ground connections

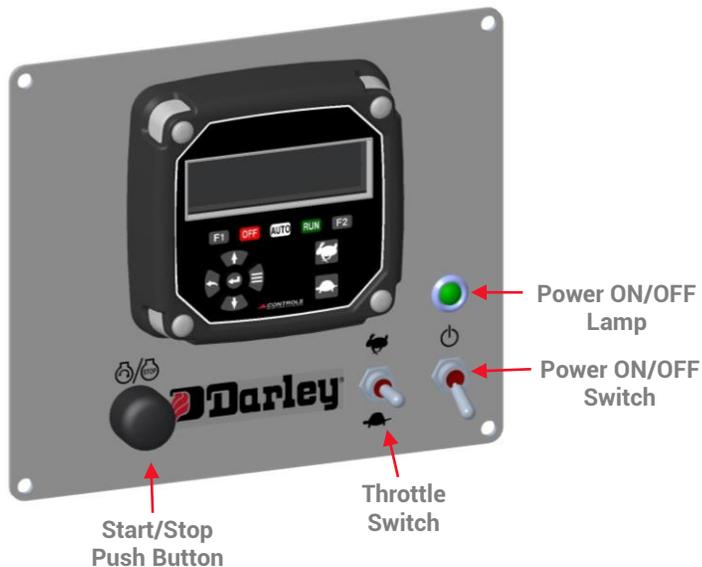
Panel Installation Notes

- ✓ DO NOT swap displays between panels
- ✓ Any modification to panels or panel wiring voids warranty

MX-M1825
Main Panel



MX-M1825R
Remote Panel



SYSTEM OPERATION

- 1) Turn ON System Power Switch (from either panel)
- 2) Push Start/Stop Button to **START** Engine (from either panel)
- 3) Use Toggle Switch to Change Engine Speed (from either panel)
- 4) Push Start/Stop Button to **STOP** Engine (from either panel)
- 5) Turn OFF System Power Switch (from either panel)



MAIN DISPLAY SCREEN

- ✓ Engine RPM
- ✓ Oil Pressure
- ✓ Engine Coolant Temperature
- ✓ System Battery Voltage
- ✓ Engine Run Hours
- ✓ Pump Pressure

Panel Part Number	Display Part Number	CI STATION™ Profile Number	Source Address	Firmware Version
MX-M1825	MX-530	MX0106	44	1.3.50
MX-M1825R	MX-530	MX0107	44	1.3.50

OVER CRANK PROTECTION OVERVIEW

The purpose of the OVER CRANK PROTECTION function is to prevent the operator from continuously cranking the engine to the point where there is a potential for damage to the starter system. This is done by limiting the period of time the engine can be continuously cranked. A key purpose is to prevent over cranking in a situation where the fuel line has not be OPENED.

OVER CRANK PROTECTION OPERATION

Push Start/Stop Button to **START** Engine (from either panel) to Initiate Cranking

- 1) Once the Start/Stop Button is pressed, a ten second clock starts (the time period is a "selectable" setting menu item)
- 2) If the engine does not start in that 10 second period, an OVER CRANK ALARM is activation
- 3) Once the 10 second period is ACTIVE, it will proceed until the engine is started or the alarm is activated
- 4) The OVER CRANK ALARM:
 - initiates a RED LAMP
 - displays an OVER CRANK ALARM message on the screen
 - prevents any further cranking
 - records the alarm in the alarm log
- 5) The OVER CRANK ALARM is cleared by pressing the F1 button as instructed on the screen
- 6) Once the OVER CRANK ALARM is cleared, the operator is free to crank the engine again (System power does not need to be recycled)
- 7) A new 10 second cranking period starts once the alarm is cleared

Notes:

- 1) The 10 second period is the current default setting. This setting can be adjusted in the display menu system (auto start menu).
- 2) If you want the default setting changed for future orders, please advise.



Current Default
Settings

