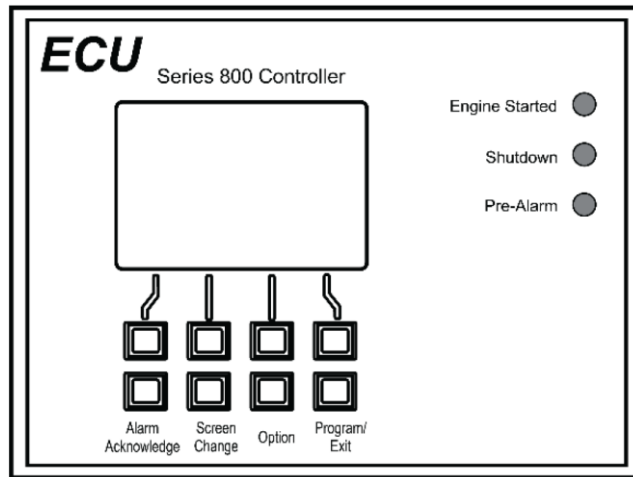


ECU800 DIAGNOSTIC MODE

Diagnostic Mode is used to power the ECU 800 Series Controller and the engine ECM (*but does not initiate cranking*). All DM1 messaging is streamed to the Controller allowing full monitoring.

It can be used to retrieve the following information that requires the engine ECM be powered up.

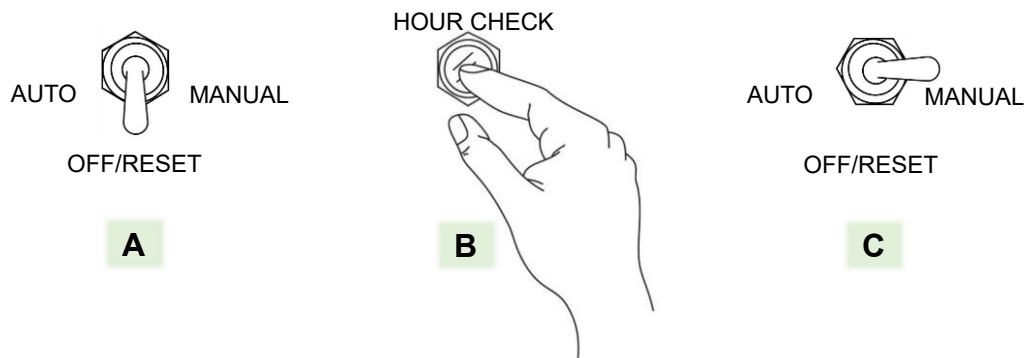
- Diagnostic Trouble Code (DTC) without starting the engine
- Allows connection with engine diagnostic tools for expanded engine diagnosis and monitoring
- Checking the Diesel Exhaust Fluid (DEF) tank level



- **DO NOT ATTEMPT any mechanical maintenance on the engine in this mode since the engine can accidentally start up.**
- **ALWAYS remove the battery connections prior to engine service activities.**

Procedure for Entering the Diagnostic Mode:

- Ensure the AUTO-OFF/RESET-MANUAL switch is in the OFF/RESET center position
- Press and hold the HOUR CHECK button
- Once the automatic lamp test finishes (about 1 second), turn the AUTO-OFF/RESET-MANUAL switch to the MANUAL position
- Release the HOUR CHECK button



ECU800 DIAGNOSTIC MODE

To view any faults that might be present, Push the **Program/Exit Button** on the ECU controller and select the **Fault Diagnostics** menu. Select from the options below.

- **Diagnostics Menu 1 (DM1)** to view the Active Faults that are currently present.
- **Diagnostics Menu 2 (DM2)** to view the Stored Faults that have previously occurred.
- **Last Shutdown** Displays the messages and/or codes that might have caused the last shutdown.

TO REMOVE THE UNIT FROM DIAGNOSTIC MODE

Move the **AUTO-OFF/RESET-MANUAL** switch to the **Center/OFF/RESET** Position.



DO NOT leave the **AUTO-OFF/RESET-MANUAL** switch In the **MANUAL** position and disconnect the battery, **IT COULD RESULT IN DAMAGE**