

FT4 4JJ1 ECM Reprogram Procedure

(For US DENYO/Multiquip Applications)

1. Subject Machine

- Subject Application : Generator DCA70SSIU4F
- Subject Engine Model : 4JJ1XAGD01
- Subject Production Term; From June, 2015 to Sep., 2016.
- Subject Engine Serial : Please refer to the attached "Subject Engine Serial List".

2. Outline of Work Operation

- Carry out ECM recalibration using the E-IDSS.
- Labor time is one hour.
- New ECM part number 8-98362-750-0.

3. Tools Needed to Perform Work

- E-IDSS and PC

Caution:

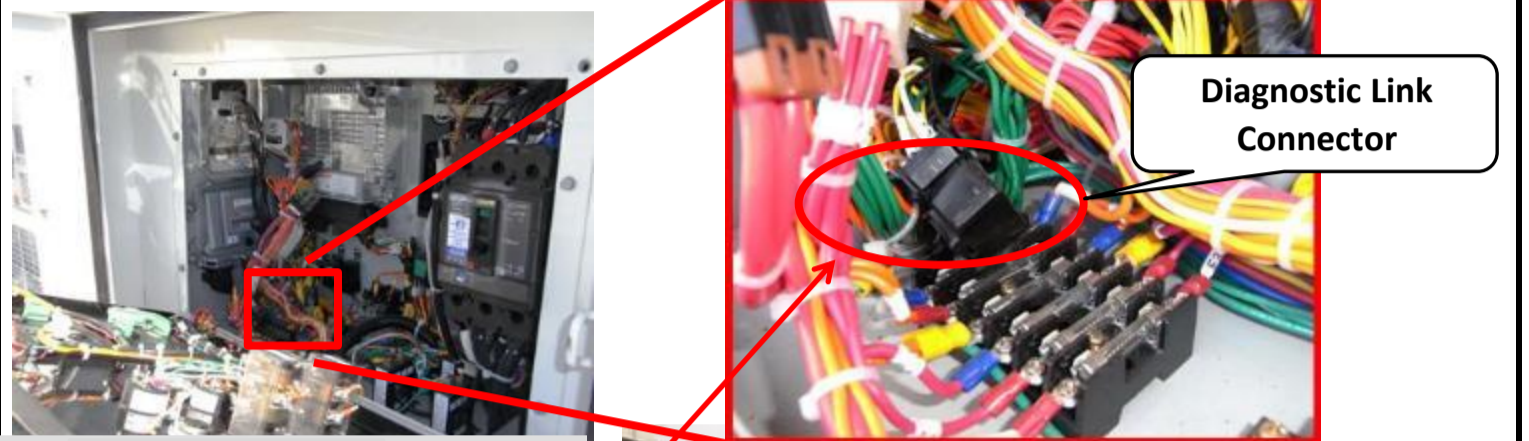
Please insure that your E-IDSS has received the latest updates before you perform any programing operations.

1 Reprogramming ECM on the machine.

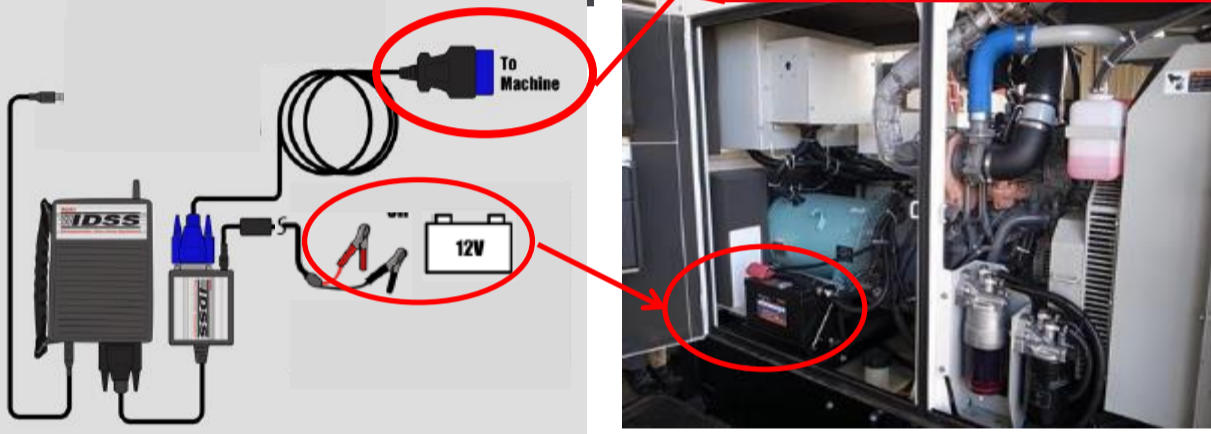
1 Open the door covering the generator control panel.
Loosen the screws holding the generator control panel and lower it to reveal the harness and ECM.



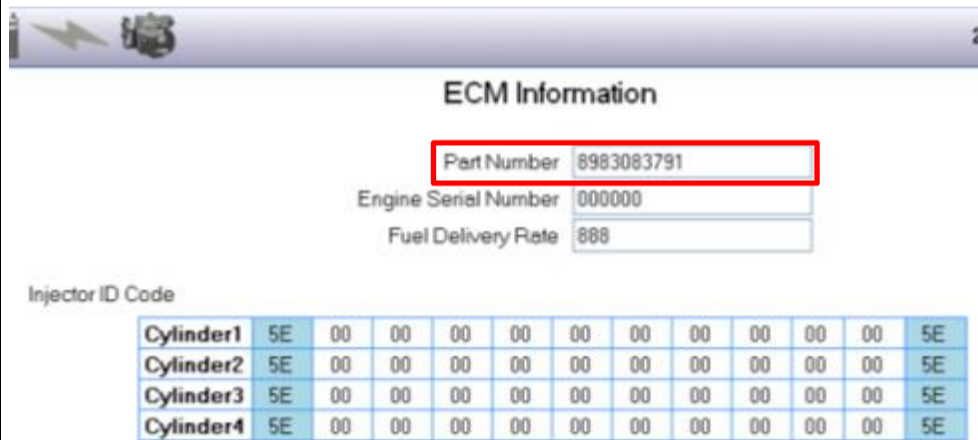
2 Locate the black Diagnostic Link Connector inside of the control panel and remove the cover.



3 Connect the E-IDSS cable to the Diagnostic Link Connector inside the control panel. Boot the PC and E-IDSS program. Connect the power adapter to the machine battery and then connect the USB cable to the PC. Place the machine into diagnostic mode by depressing the hour meter button and switching the run toggle switch to manual at the same time.



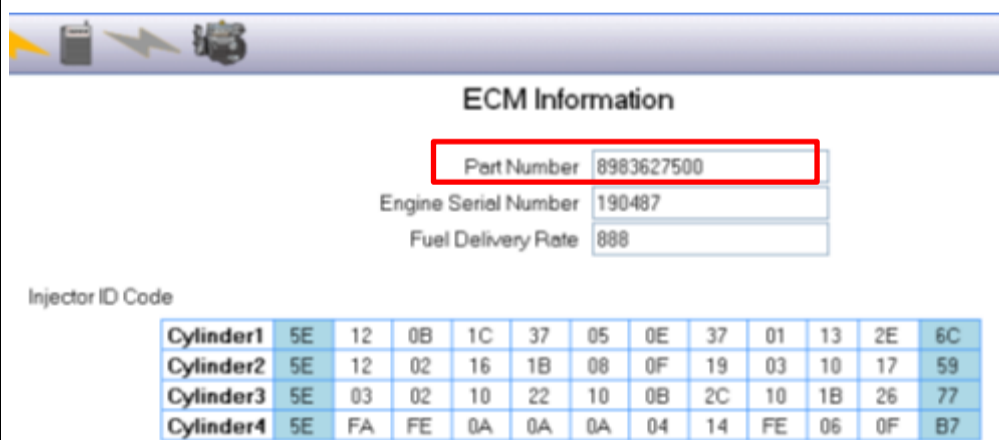
Load the engine in E-IDSS and go to the Programming menu. Using the ECM Information option to ensure the current ECM part number is 8983083790 or 8983083791.



4 Carry out a reflash with the E-IDSS. During this time do not tamper with the E-IDSS or any connections.

Carryout a normal reflash with the E-IDSS and follow the on-screen instructions. Select the part number 8983627500 for this reflash.

5 Once the reflash is complete then request the ECM information again to confirm the new ECM part number is 8983627500.



6 Clear any DTCs in the ECU and DCU that may have occurred during programming.

Confirm that no DTCs are present in the ECU or DCU erase any codes found in the ECU or DCU. Confirm that the engine starts and runs properly.

7 Once the work has been completed please affix new labels to the ECM and machine.

Replace ECM part number label on the ECM with updated part number.

Open right rear service door and affix the campaign label to the center of the control panel enclosure box as illustrated.

Unit can be returned to customer.

