



Technical Service Support Bulletin

Subject: Overseas Tier II Engine Speed Reduction for 50 Hz
Product: Generators
Model(s): DCA25SSIU2C (Tier II Engines)
Serial #: All (overseas)
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Written By: E.J. Rentmeester
Checked By: Si Dong Kim

FOR USE ON OVERSEAS UNITS ONLY
UNIT WILL BE DERATED AFTER ADJUSTMENT

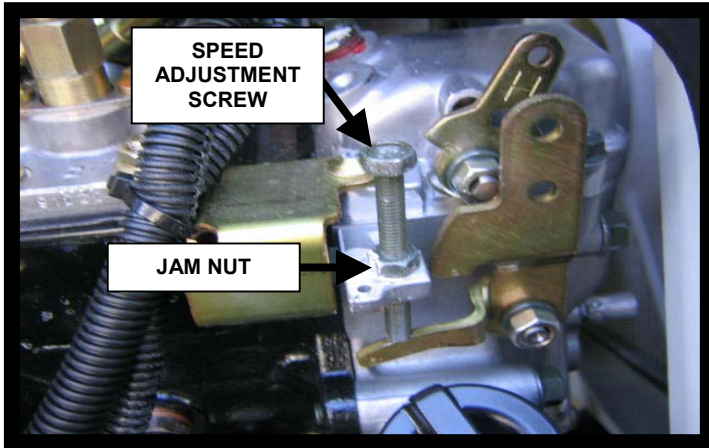


FIGURE 1 **COMPONENT OVERVIEW**

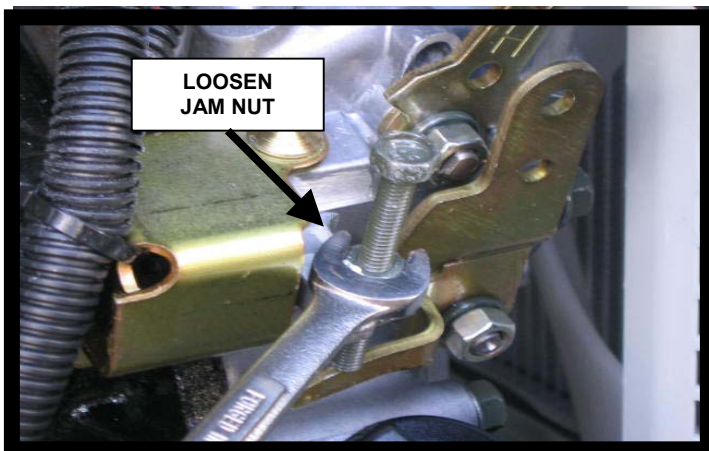


FIGURE 2 **LOOSEN JAM NUT**

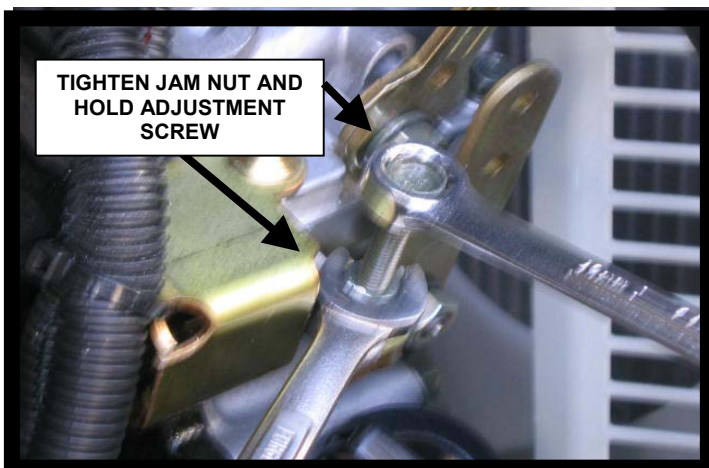


FIGURE 3 **TIGHTEN JAM NUT**

INSTRUCTIONS:

In order to derate the DCA25SSIU2C to 50-Hertz operation it is necessary to lower the engine speed from the standard 62 Hz to 52 Hertz. To do so, perform the below steps in sequence to achieve 50 Hertz operation of the unit.

1. Locate the engine speed adjustment screw and jam nut on the injection pump governor housing (Figure 1).
2. Loosen the jam nut of the engine speed adjustment screw by turning the jam nut in a counter clockwise direction for approximately three (3) turns (Figure 2).
3. Start and run the engine using the normal starting procedures.
4. While observing the engine speed and the frequency, turn the engine speed adjustment screw counter clockwise until the proper frequency is achieved.
5. Maintain position on the engine speed adjustment screw and tighten the jam nut by turning the jam nut clockwise until tight (Figure 3).
6. Should any adjustment errors occur, verify frequency and adjust as needed by following Steps 1 thru 5.

A QUALIFIED ELECTRICAL TECHNICIAN MUST MAKE ALL ADJUSTMENTS. MQ POWER IS NOT RESPONSIBLE FOR ANY DAMAGES TO EQUIPMENT AND/OR COMPONENTS RESULTANT FROM UNQUALIFIED PERSONNEL.