



Technical Service Support Bulletin

Subject: Engine Fails To Achieve Full Load
Product: Generators
Model(s): DCA70 and 85 SSJU w/ related problem
Serial #: All w/ Related Symptoms
Bulletin: 2002-16
Issue Date: July 2002
Revised Date:

Instructions:

1. Locate the fuel injection pump (FIP) assembly of the unit (Figure 1).
2. Locate the "High Idle Adjustment Screw" on the fuel injection pump (FIP) assembly (Figure 2).
3. Using two (2) 8-mm box end wrenches loosen the locknut of the "High Idle Adjustment Screw" while holding the adjustment screw in position (Figure 3).
4. Using one (1) 8-mm box end wrench turn the "High Idle Adjustment Screw" one (1) complete turn counterclockwise (Figure 4).
5. Using two (2) 8-mm box end wrenches tighten the locknut of the "High Idle Adjustment Screw" while holding the adjustment screw in place (Figure 3).
6. Verify the engine speed of the unit. Proper engine speed is 1800 RPM/ 60 Hertz.
7. Should the engine speed be above the normal 1800 RPM/60 Hertz, adjust the Barber Coleman governor controller "Run Speed" adjustment until the proper engine speed is obtained (1800 RPM/60 Hertz).

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

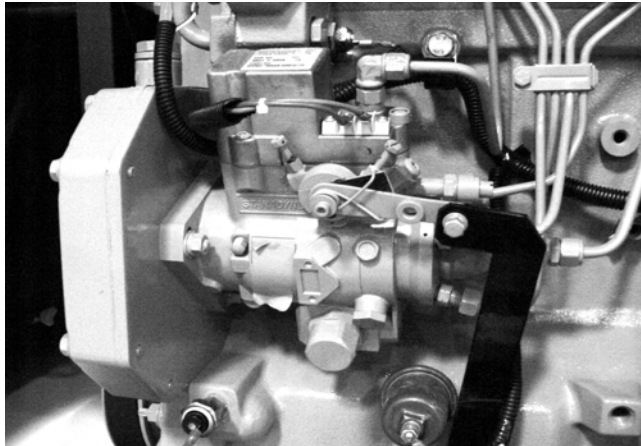


Figure 1 Fuel Injection Pump Assembly

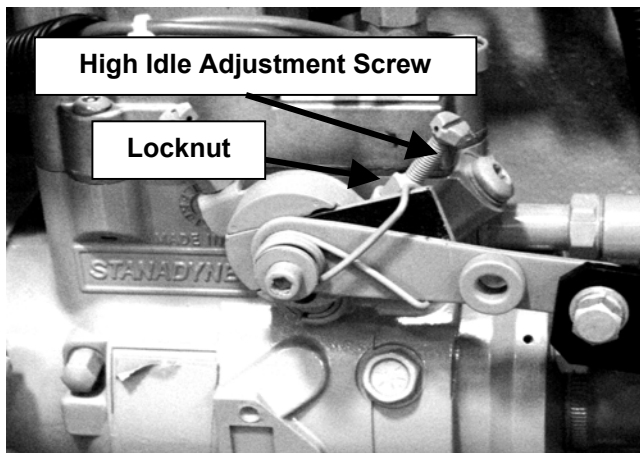


Figure 2 High Idle Adjustment Screw

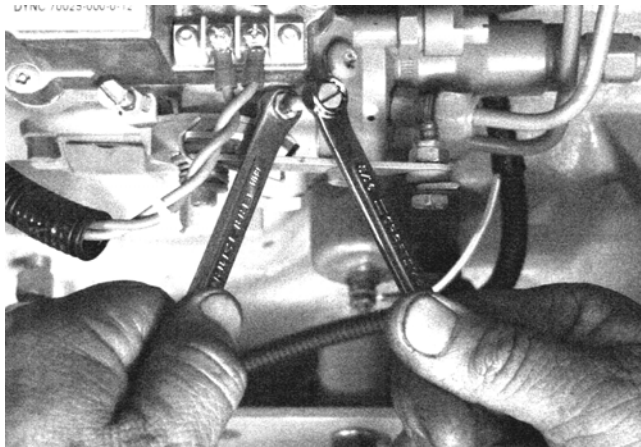


Figure 3 High Idle Adjustment Screw (Locknut)

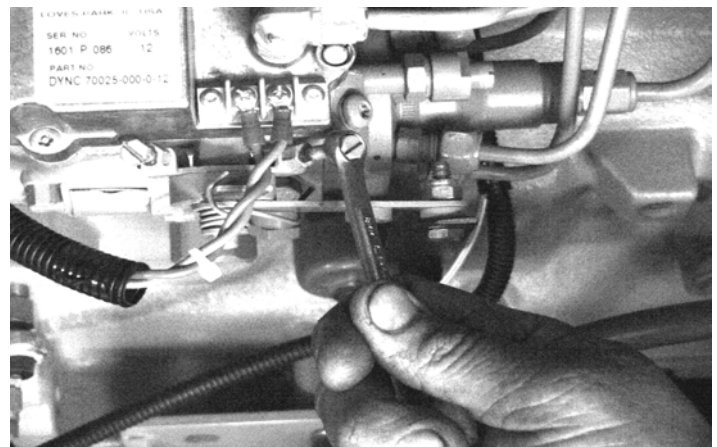


Figure 4 High Idle Adjustment Screw (Adjustment)