



ENGINE GOVERNING SYSTEMS

Service Letter

Section EG 120-4

SUBJECT:

Replacement of AGD 130D1 and AGD 130E Series Electromechanical Portion of the Actuator.

If it has been determined that the electromechanical portion of the actuator needs to be replaced, the actuator can be disassembled and that portion can be replaced by the appropriate **AGB 130** Series electric actuator. AGD 130D1, AGD 130E1 and AGD 130E3 are serviced by the **AGB 130D1**. AGD 130E2 and AGD 130E4 are serviced by **AGB 130D3**.

The procedure is as follows:

1. Remove front cover of AGB 130 actuator.
2. Remove the two (2) internal springs, if servicing a AGD 130E series actuator. Remove the single (1) internal spring, if servicing a AGD 130D1 actuator.
3. Reassemble cover plate with mounted fuel metering valve, spacer plate and gasket.
NOTE: If servicing AGD 130D1, actuator spacer plate is not needed between the actuator and cover plate.
4. Position the actuator so that its cover plate rests on the work bench. This will place the actuator serrated shaft in the fuel shutoff position.
5. Place the actuator lever onto the serrated shaft so that the plastic link is over and centered with the ball of the fuel metering valve plunger.
6. Adjust the lever on the serrated shaft so that there is firm contact between the lever, the link and the ball of the fuel metering valve plunger. This adjustment should allow for no tolerance of play in this linkage.
CAUTION: Do not rotate the lever assembly, causing movement to the fuel metering valve plunger; doing so may inhibit positive engine shut down.
7. Torque the lever assembly bolt to 40 - 50 in. lbs.