

Engine Governing Systems



SERVICE LETTER

 SUPERSEDES EG 120-6
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Subject

Service Kit KT6726

Product Affected

AGD 100A Series and the AGD 130D Series Electric Actuators

Reason For Bulletin

To provide instructions for replacing the fuel metering valve assembly of the AGD 100A and AGD 130D electric actuator

Kit Parts List

Part Number	Description
1 - VA 675A	Fuel Metering Valve
1 - LE 6713A	Actuator Lever
1 - BW 673	Dust Boot
1 - PL 6722	Spacer Plate
4 - SC 2064-8	Screws
1 - GA 677	Gasket

Instructions

1. Remove the malfunctioning fuel metering valve that is held to the cover plate by four (4) large attaching screws.
2. Remove the lever from the serrated shaft by loosening the locking bolt. Discard the lever.
3. Remove the cover plate from the actuator main housing held by the four (4) small attaching screws. Discard these screws; they are no longer necessary.
4. Install the new spacer plate, PL 6722, the new gasket, GA 677, and place the cover plate over it. Attach with the four (4) new attaching screws, SC 2064-8.
5. Install the new fuel metering valve, VA 675A, re-using the four (4) large attaching screws.
6. Position the actuator so that its cover plate rests on the workbench. This will place the actuator serrated shaft in the fuel shutoff position.
7. Slip the new dust boot, BW 673, over the top of the fuel metering valve cap nut. The edge of the dust boot should rest on the top of the fuel metering valve housing.
8. Place the new actuator lever, LE 6713A, on the serrated shaft so that the plastic link is inserted through the top of the dust boot and centered with the ball of the fuel metering valve plunger.
9. Adjust the lever on the 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 or play. However, do not rotate the lever assembly beyond the point which causes movement to the fuel metering valve plunger.
10. Torque the lever assembly bolt to 40-50 in. lbs.