

FIELD SERVICE BULLETIN NO. 35

JUNE 17, 1947

TO: ALL NAVION OWNERS

SUBJECT: CABIN HEATER FUEL CONTROL VALVE INSPECTION

Early Stewart Warner heaters were equipped with a fuel control valve using a twisted ground wire for the actuating solenoids. As a result of vibration tests, this was changed to a braided wire. A foam rubber washer was also installed in the bottom of the solenoid housing. Fuel control valves without the rubber washer and braided ground wire should be replaced with a new valve furnished in Kit 145-89039.

AIRPLANES AFFECTED:

NAV4-2 to NAV4-1025 inclusive (when equipped with Stewart Warner Cabin Heater).

INSPECTION INSTRUCTIONS:

1. Locate the fuel control valve on top of the heater unit.
2. Remove the screw attaching either cover plate to end of the round solenoid housing on fuel valve.

NOTE: Electrical wire passes through these covers.

3. Inspect solenoid ground wire and determine if it is a twisted wire covered with insulation or braided non-insulated wire.

4. Carefully remove the solenoid from the housing and determine if a foam rubber washer is installed in the bottom of the housing.

NOTE: If rubber washer is installed, the solenoid may stick in the housing. Presence of the rubber washer can be detected by pushing in on solenoid.