

TEMPORARY REVISION NO. 73-3

(PT6C-67C)

INSERT Temporary Revision 73-3 facing page 203, Chapter 73-10-05

FUEL MANIFOLD AND FUEL NOZZLES - MAINTENANCE PRACTICES

PURPOSE: The purpose of this temporary revision is to correct the fuel nozzles location in the graphic for location and identification of fuel nozzle assemblies and corrected the instructions for fuel nozzles installation sequence in the installation procedure of the fuel nozzle assemblies.

D. Installation of the Fuel Nozzle Assemblies (Ref. Figs. 201 and 202)

CAUTION: USE EXTREME CARE WHEN HANDLING FUEL NOZZLE ASSEMBLIES SINCE EVEN FINGERPRINTS ON THE ORIFICE MAY PRODUCE POOR SPRAY PATTERN. CLEAN, LINT FREE GLOVES SHOULD BE WORN AT ALL TIMES WHEN HANDLING PARTS.

CAUTION: SEAL RINGS MUST BE REPLACED IF TORQUE PRESSURE IS REMOVED.

- (1) Install a new metal seal ring (9, Fig. 201) in recess on gas generator case.
- (2) If necessary, install retaining ring (12) in sheath (10).
- (3) If necessary, install a new pin (11) in fuel nozzle (13).
- (4) If necessary, install the sheath (10) on the fuel nozzle (13).

NOTE: Make sure locating pin (11) engage with respective holes in sheath (10). If the pin is misaligned, the sheath will not seat properly and nozzle may be damaged when nuts are installed.

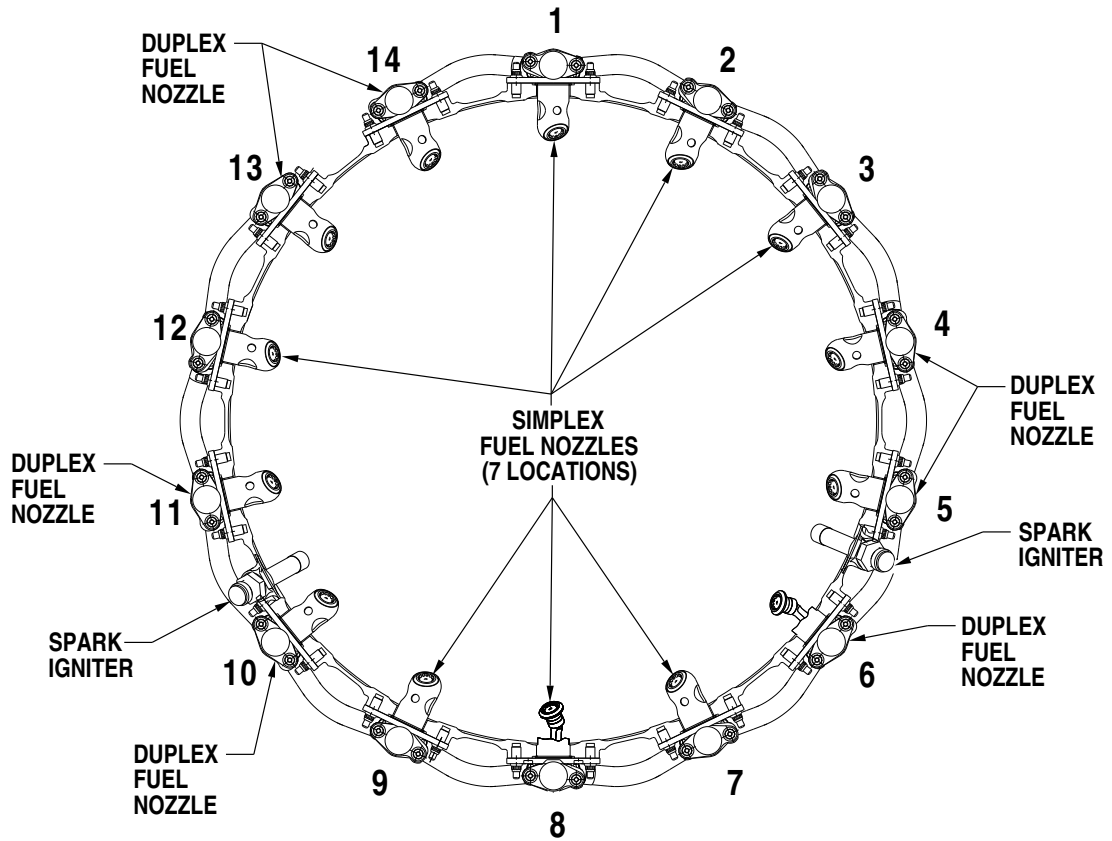
CAUTION: ONLY USE APPROVED OIL TO LUBRICATE THE PACKINGS. USAGE OF ASSEMBLY FLUID, VASELINE, GREASE OR ANY OTHER UNAPPROVED SUBSTANCE MAY CAUSE BLOCKAGE OF THE FUEL NOZZLES THAT CAN RESULT IN POSSIBLE SEVERE HOT SECTION DAMAGE.

CAUTION: USE ONLY APPROVED ENGINE OIL TO LUBRICATE PREFORMED PACKINGS FOR THE NOZZLES.

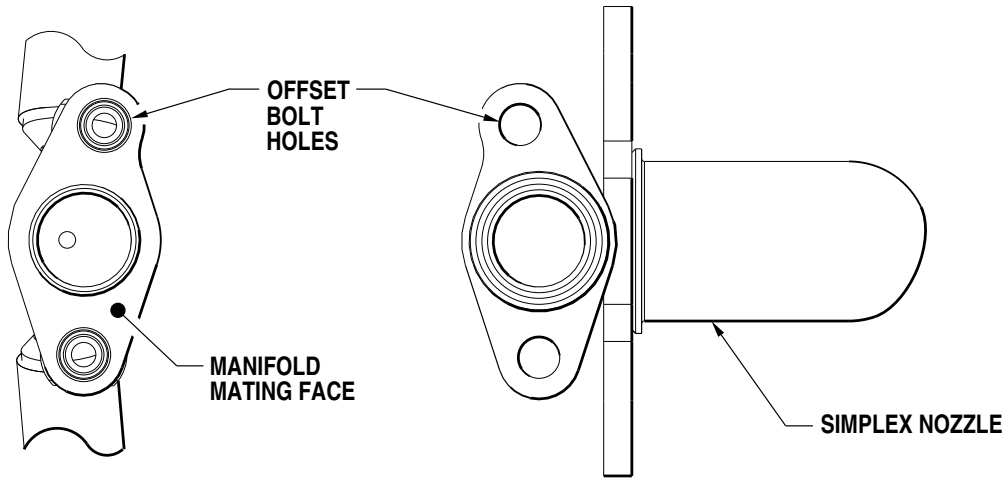
- (5) Lubricate 14 preformed packings (7) with engine lubricating oil (PWC03-001) and install on fuel nozzles.

CAUTION: THERE ARE SEVEN SIMPLEX AND SEVEN DUPLEX FUEL NOZZLE ASSEMBLIES. MAKE SURE THAT THE SIMPLEX NOZZLES ARE INSTALLED IN THEIR CORRECT LOCATIONS.

- (6) Install seven simplex fuel nozzle assemblies (13) on gas generator flange starting at the 6 o'clock position in the locations and sequence 8, 9, 12, 1, 2, 3 and 7 (Ref. Fig. 202).



VIEW LOOKING TOWARDS AGB



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Location and Identification of Fuel Nozzle Assemblies
 Figure 202

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TR 73-3

- (7) Tighten and torque the nuts (14, Fig. 201) for the seven simplex fuel nozzle assemblies (13) 32 to 36 lbf.in.

CAUTION: THERE ARE SEVEN SIMPLEX AND SEVEN DUPLEX FUEL NOZZLE ASSEMBLIES. MAKE SURE THAT THE DUPLEX NOZZLES ARE INSTALLED IN THEIR CORRECT LOCATIONS.

- (8) Install seven duplex fuel nozzle assemblies (13) on gas generator flange in the locations and sequence 10, 11, 13, 14, 4, 5 and 6 (Ref. Fig. 202).

NOTE: The simplex nozzles have an off-set hole on the manifold mating flange.

- (9) Tighten and torque the nuts (14, Fig. 201) for the seven duplex fuel nozzle assemblies (13) 32 to 36 lbf.in.