

ENGINE WASH RING - REMOVAL/INSTALLATION

1. General

- A. An engine wash ring is installed inside the induction air plenum assembly to aid in performing periodic compressor washes as recommended by the engine manufacturer. The assembly consists of a curved tube with 19 drilled holes for discharge of cleaning and rinse solutions. A capped exterior connection is provided to connect wash ring to solution source.

2. Engine Wash Ring Removal/Installation

- A. Remove Engine Wash Ring (Refer to Figure 401).

- (1) Remove upper cowling doors.
- (2) Remove upper center cowl panel section.
- (3) Remove lower cowling panel sections.
- (4) Remove left nosecap/induction air duct/inertial air separator.

NOTE: It may be necessary to remove induction air plenum top panel to gain access to engine wash ring.

CAUTION: Cover engine air inlet to prevent foreign objects from dropping into engine.

- (5) Remove nuts (7) and washers from screws (1) securing clamps (4) to wash ring (8).
- (6) Carefully remove clamps (4) from wash ring (8).
- (7) Slide wash ring out of plenum through grommet (10) and remove.

- B. Install Wash Ring (Refer to Figure 401).

- (1) Insert wash ring through grommet (10) into plenum.

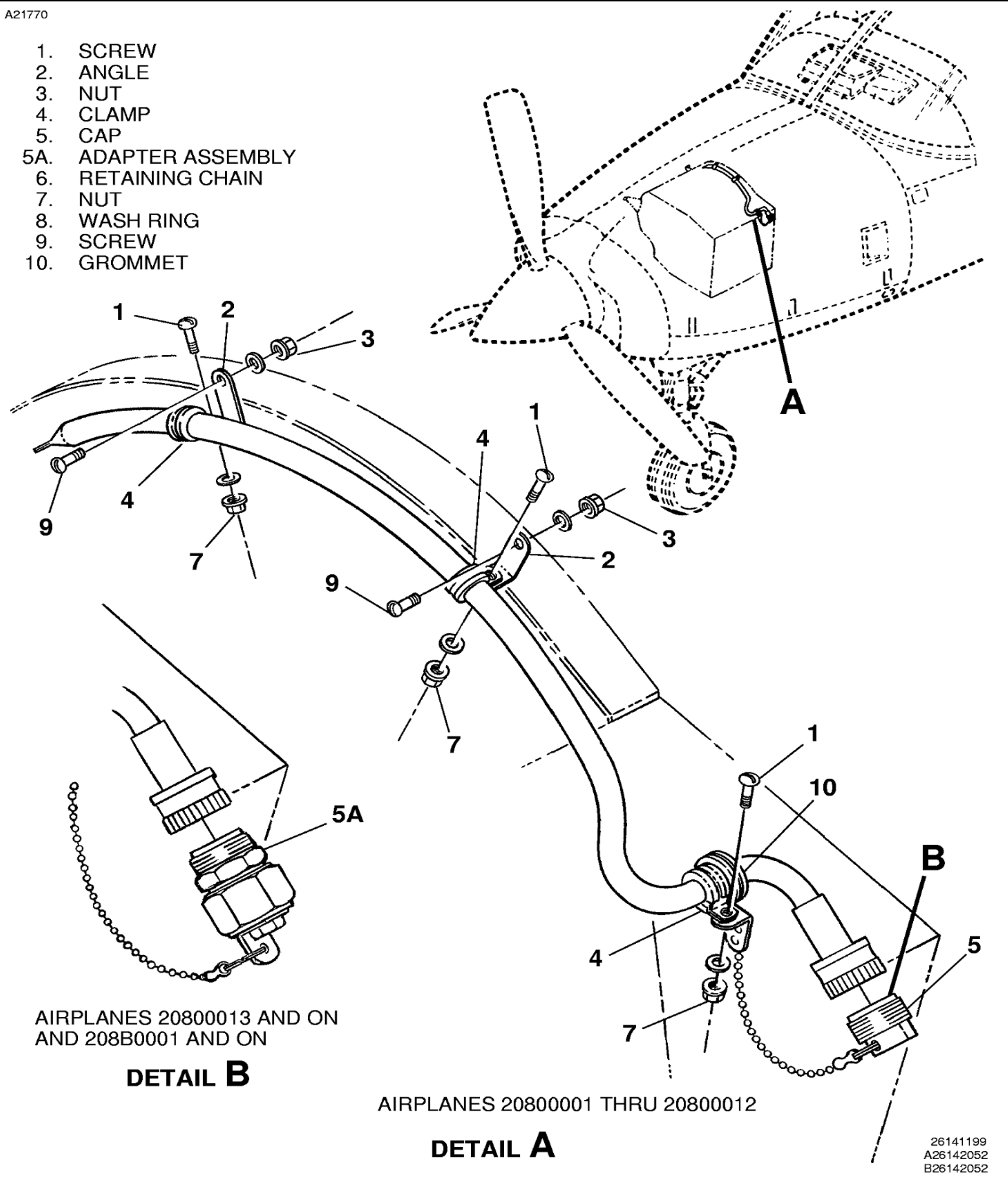
CAUTION: Ensure clamps (4) do not obstruct wash ring spray holes when installing clamps.

- (2) Install clamps (4) and secure with screws (1), washers, and nuts (7).
- (3) Install induction air plenum top panel, if removed.
- (4) Remove cover from engine inlet.
- (5) Install nosecap/induction air duct/inertial air separator.
- (6) Install lower cowling panel sections.
- (7) Install upper center cowl panel section and upper cowling doors.

Figure 401 : Sheet 1 : Engine Compressor Wash Ring Installation

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- 1. SCREW
- 2. ANGLE
- 3. NUT
- 4. CLAMP
- 5. CAP
- 5A. ADAPTER ASSEMBLY
- 6. RETAINING CHAIN
- 7. NUT
- 8. WASH RING
- 9. SCREW
- 10. GROMMET



AIRPLANES 20800013 AND ON
AND 208B0001 AND ON

DETAIL B

AIRPLANES 20800001 THRU 20800012

DETAIL A

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