

Procedure 9.010 Installation of Nose Gear Strut

In this procedure...

The Nose Gear Strut will be installed on the Engine Mount and the Nose Gear Shock Strut will be installed.

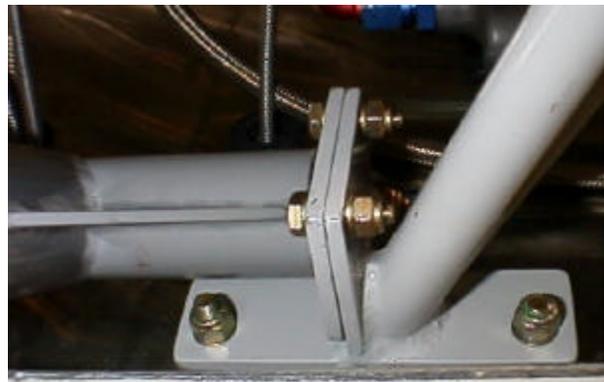
<u>Part Number.</u>	<u>Description.</u>	<u>Qty.</u>
115-13-001	Strut, Nose Gear	1
115-14-007-01	Pivots, Left	1
115-14-007-02	Pivots, Right	1
AN4-7A	Bolt	6
AN960-416	Washer	6
AN385-428	Nut	6
115-13-002	Shock Strut	1
AN5H-6A	Bolt Drilled Head	2
AN6-17A	Bolt	1
AN960-616	Washer	2
AN365-624	Nut	1

Step 1. Install Pivots in Strut.

Clean the Powder Coat over-spray out of the nose gear pivot area, grease the pivots and install them in the nose gear.

Step 2. Bolt Pivots to Engine Mount.

Position the nose gear pivots in the engine mount and temporarily bolt the pivots to the engine mount. If there is endplay on the nose gear clamp the engine mount legs together to eliminate endplay between the nose gear and the engine mount.



Step 3. Install the Shock Strut

Position the shock strut between the two ears on the engine mount and install the two AN5 Bolts. Lift the nose gear strut up and position the lower end of the shock strut in-between the two ears on the nose gear strut.



Step 4. Drill Center Engine Mount Bolt Holes.

Drill the two outboard center mount holes and install the two AN5 Bolts. Remove the nose gear and drill the inboard mount holes and install the two AN5 Bolts.

Reinstall the nose gear and shock strut. Drill the lower shock strut mount bolt and install the bolt.

