

NOSE GEAR HYDRAULIC CYLINDER LINE REPLACEMENT

This bulletin directs the installation of new design nose gear hydraulic cylinder lines. Kit Drawing 145-89034 lists the parts required.

AIRPLANES AFFECTED:

NAV-4-2 through NAV-4-917 (As replacement lines or at next 100 hour inspection)

NOTE: Because of a change in nose gear hydraulic cylinder design, it is not possible to comply with this bulletin until Field Service Bulletin No. 19 has been complied with.

See figure 1.

1. Close hydraulic shut-off valve.
2. Remove canvas close-out curtain from aft section of nose wheel well.
3. Remove 145-52203-7 forward rudder and elevator cable guard from right hand side nose wheel well.

NOTE: This guard will not be re-used.

4. Remove existing hydraulic lines between tees in hydraulic fitting plate and nose gear hydraulic cylinder.
5. Plug the 702 x 4 tees located in the hydraulic fitting plate with two 145-58305 seals and 105 x 4 nuts.

NOTE: On airplanes NAV-4-2 through NAV-4-25, the two existing 702 x 4 tees are located in the landing gear lines just aft of the hydraulic fitting plate.

6. Remove 145-58014 nose gear hydraulic cylinder.
7. Drill two No. 10 (193) holes through the 145-31106-2 bracket in the right hand side of the wheel well. See figure 1, for hole locations.