There have been a few instances of failure of P/N 7039 (See figure 1) in which the long shaft separated from the tubular lug attaching it to the nose gear leg. A minor design change has strengthened this joint on enclosed P/N 7039. To install this part follow the instructions below (see figure 1).

1. Remove the side cowl.
2. Remove P/N 6197.
3. Remove bolt A and B.
4. P/N 7043 may then be removed from the airplane by detaching the Heim link at the rudder torque tube fittings. Do not change the adjustment of this link.
5. Remove P/N 7041 collar and P/N 7039.
6. Install new P/N 7039 and replace collar. Apply a light grease to the shaft. P/N 7039 should turn freely but should have a minimum of end play. The fit may be adjusted if necessary by filing P/N 7041 or using shims between it and P/N 7040.
7. Reinstall P/N 7043. At bolt A reinstall the hardened bushing from the old assembly, applying a light grease to its external surface. Bolt A should be pulled down tight. Screw C attaching P/N 6197 to the firewall has a loose speed nut behind the firewall access must be gained through partial removal of the exhaust cavities to position this nut.