

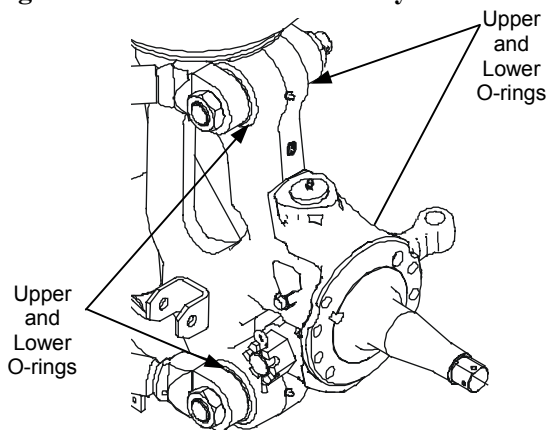
EFFECTIVE: OCTOBER 2000  
SUPERSEDES: NONE  
MODEL: ALL IFS SUSPENSIONS

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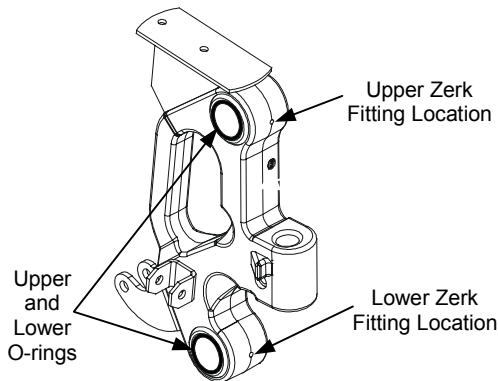
## SUBJECT: GREASING KNUCKLE POST ASSEMBLY

The knuckle post assembly, **Figure 1**, is designed to be a factory installed assembly that is permanently greased for the life of the vehicle. The joints are sealed by four (4) O-rings on each knuckle post assembly designed to hold in grease, under pressure, while preventing outside contamination.

**Figure 1: Knuckle Post Assembly**



**Figure 2: Knuckle Post**



Although greased at the factory, two (2) Zerk style fittings have been installed on each knuckle post assembly, **Figure 2**. This allows reapplication of grease after maintenance or replacing components.

### Recommended Procedure

*NOTE: The specified grease is lithium based NLGI Grade 2.*

### IMPORTANT

While injecting grease always maintain visual sight of O-rings. At first sign of O-ring movement stop pumping grease. Slight movement indicates a "full" grease cavity.

### CAUTION

**Do Not Over Pump Grease into Grease Zerk Fittings.** The grease gun type must not exceed 250psi max. If a high-pressure grease gun is used it could cause an O-ring to extrude out of the groove and degrade it's function. This is usually indicated by a large amount of grease extruding from the O-ring joints and the O-rings being visually distorted or damaged.

1. Using a proper grease gun (250psi max.), pump grease into Zerk fitting until slight O-ring movement has occurred.
2. Look to ensure O-rings are not distorted or damaged.
  - a. If distorted or damaged replace Rubber O-ring seals.
  - b. If not distorted or damaged, knuckle post assembly is properly lubed.
3. Repeat for both upper & lower fittings on each knuckle post assembly.