



Hydraulic Power Gear Box

Refer to an authorized original equipment service manual for detailed installation instructions. If you do not have the experience, proper tools or manuals, please seek the services of a qualified technician.



**Replacement
TIME:**

<2 hrs

for most applications

COMMON SYMPTOMS

- No power steering assist in one direction or both
- Leaks from seals or housing
- Clunk or popping noise
- Excessive play in steering wheel at center before wheels start turning
- Binding or catching while turning
- Vehicle drifts or wanders while driving straight

MYTH BUSTER

Myth: The gear box can be adjusted if there is slack in the steering.

Busted: False. The preload adjustment can only be done during assembly. If adjustment is attempted, it could lead to binding. Slack in the steering can be caused by many other components of the suspension and steering systems.

TIPS

- Check steering intermediate shaft and coupling for proper movement.
- Most steering gears are equipped with a roller bearing supporting the pitman shaft. Side-to-side movement of the steering gear pitman shaft is normal.
- Most steering gears will have free play at the input shaft until pressure is applied from pump.
- Inspect hoses for kinks, chaffing and internal restrictions.
- Install an in-line filter to eliminate potential restrictions.
- Flush system with approved fluid to remove any debris or contamination.
- Use the correct fluid type that meets O.E. specifications for your vehicle.
- Always replace sealing O-Rings.
- Tighten couplings, gear mounting bolts and pitman arm to manufacturer's specs.
- Perform vehicle wheel alignment.



**SKILL
LEVEL:**

Service Technician

B
or higher

**GOT QUESTIONS ABOUT THIS PART?
CALL 888-280-8324**

Monday - Friday