



Rack and Pinion

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:**

2-4 hrs

depending on application

COMMON SYMPTOMS

- Stiffness in steering
- Vehicle pulls to one side
- Steering wanders side to side
- Lack of assist in one direction
- Leaks from seals or housing
- Clunking or popping noise
- Excessive, input shaft movement
- Binding or catching while turning

MYTH BUSTER

Myth: The Rack and Pinion can be adjusted if there is slack in the steering.

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

TIPS

- Using a suitable pressure gauge, check to ensure pump is capable of producing adequate pressure.
- Check for collapsed hoses that could potentially cause a restriction.
- To remove debris from the system, perform a complete flush using O.E. recommended fluid.
- To ensure proper fluid supply to power steering pump, inspect remote reservoir (if equipped) for any blockages.
- Inspect condition and tension of power steering pump drive belt. Replace if necessary.
- Follow the O.E. recommended bleeding procedure.
- Replace o-rings used in the fluid ports and variable steering port (if equipped).
- Transfer all mounting hardware if replacement unit is not equipped with new hardware.
- Install an in-line filter on return side to eliminate the possibility of restrictions caused by fluid contamination.
- Perform an alignment.



**SKILL
LEVEL:**

Service Technician

C
or higher

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

Monday-Friday