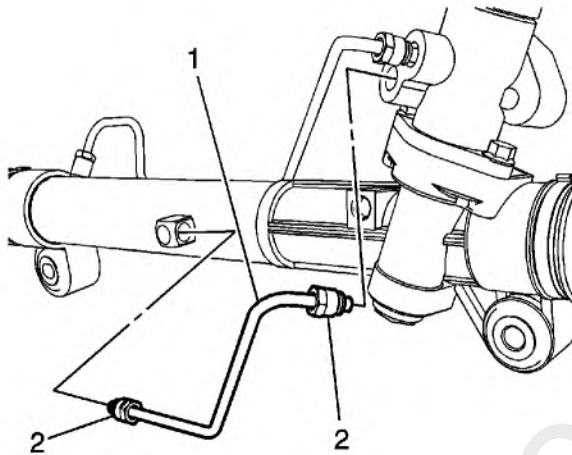


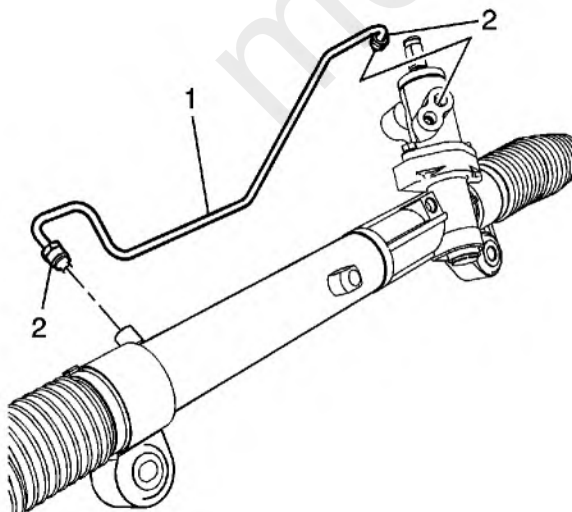
Steering Gear Cylinder Pipe Assembly and Seals Replacement - Off Vehicle

Removal Procedure

1. Remove the steering gear. Refer to [Steering Gear Replacement](#).



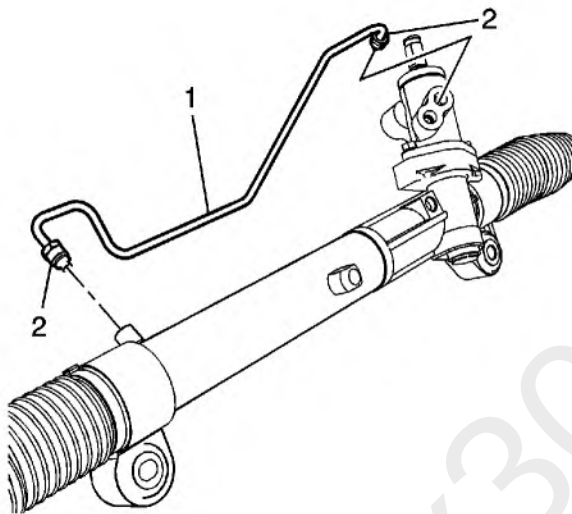
2. Disconnect the steering gear cylinder pipe fittings (2) from the steering gear housing and remove the steering gear cylinder pipe (1). Remove and discard the steering gear cylinder pipe seals.



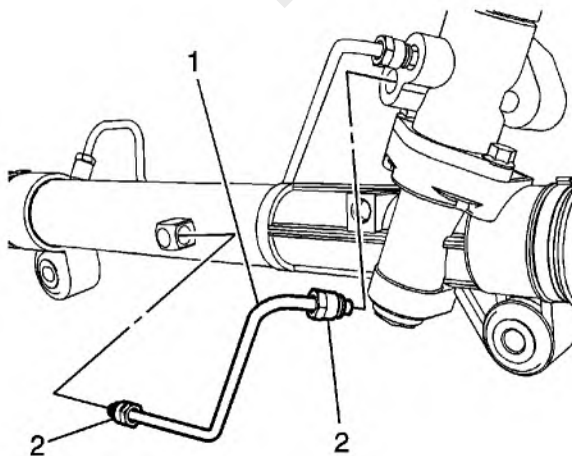
3. Disconnect the steering gear cylinder pipe fittings (2) from the steering gear housing and remove the steering gear cylinder pipe (1). Remove and discard the steering gear cylinder pipe seals.

Installation Procedure

1. Inspect the steering gear cylinder pipes for the following items, replace as necessary:
 - Cracks
 - Dents
 - Damage to the threads
2. Lubricate and install the new steering gear cylinder pipe seals onto the steering gear cylinder pipes.



3. Position the steering gear cylinder pipe (1) to the steering gear. Loosely install the steering gear cylinder pipe fittings (2).





4. Position the steering gear cylinder pipe (1) to the steering gear. Loosely install the steering gear cylinder pipe fittings (2).

Caution: Refer to [Fastener Caution](#) in the Preface section.

5. Tighten the steering gear cylinder pipe fittings to **25 N·m (18 lb ft)**.
6. Install the steering gear. Refer to [Steering Gear Replacement](#).

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