

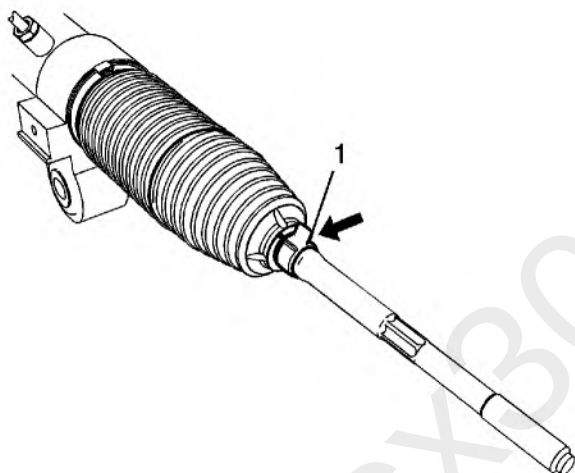
Steering Gear Boot Replacement - Off Vehicle

Special Tools

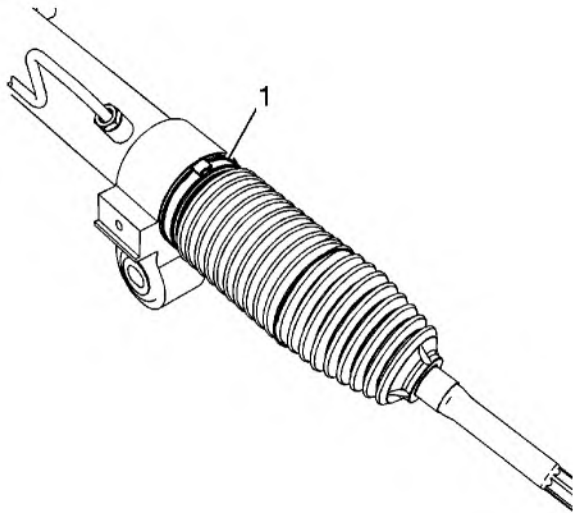
[J 22610](#) Keystone Clamp Pliers

Removal Procedure

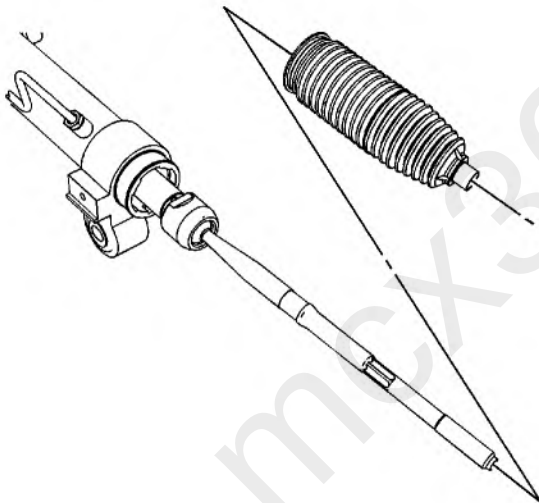
1. Remove the rack and pinion outer tie rod ends. Refer to [Rack and Pinion Outer Tie Rod End Replacement](#) .
2. Remove the steering gear. Refer to [Steering Gear Replacement](#) .
3. Completely remove the steering gear inner tie rod nuts.



4. Remove the steering gear boot clamp (1) from the steering gear boot.

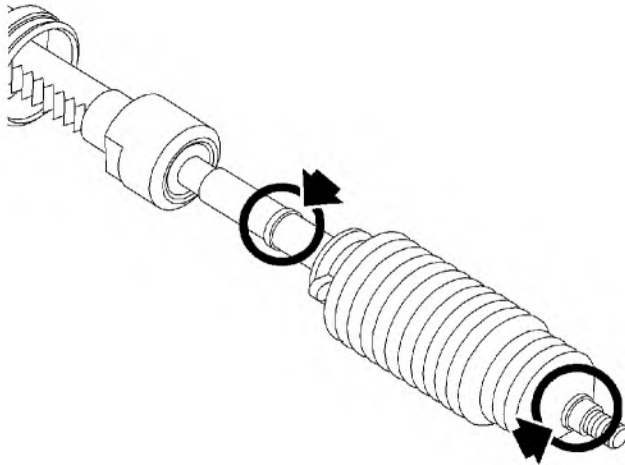


5. Cut, remove, and discard the steering gear boot clamp (1).



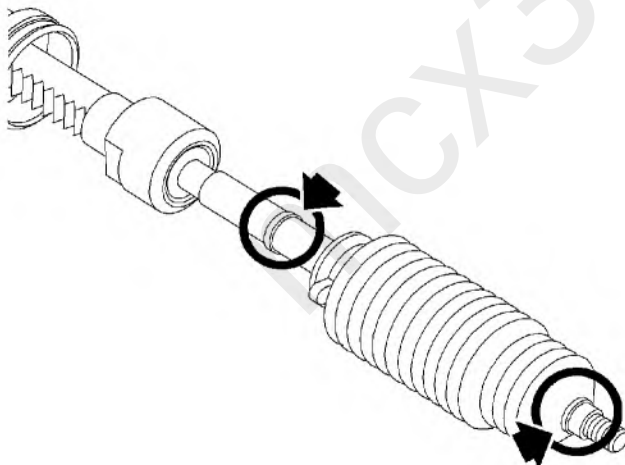
Important: After removing the boot, inspect the inner tie rod for evidence of corrosion or contamination. If none is evident, continue with the repair. If corrosion or contamination is evident, replace the steering gear.

6. Remove the steering gear boot.

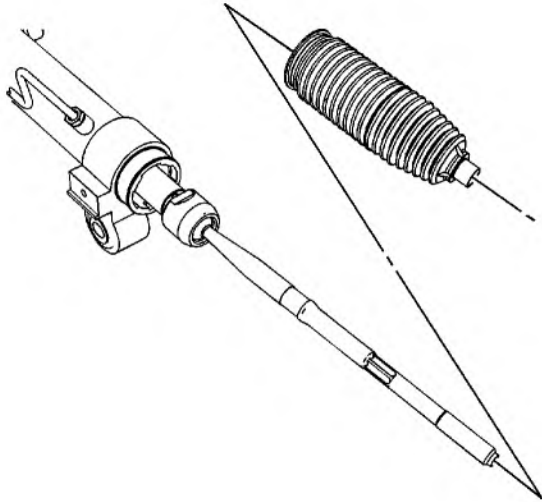


7. Clean the steering gear inner tie rod and steering gear boot contact areas of any grease and debris.

Installation Procedure

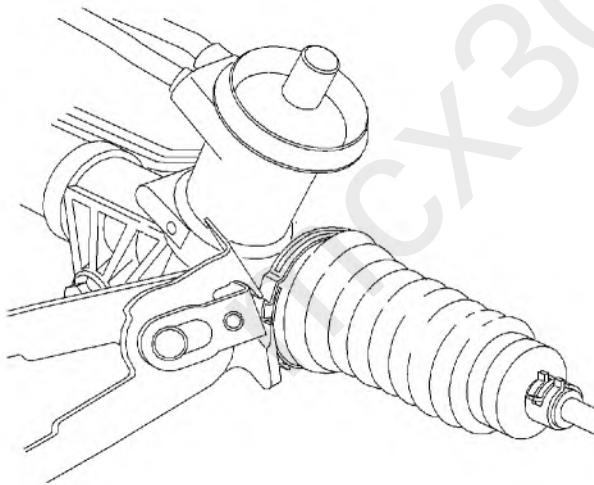


1. Apply approximately 3/4 of the supplied grease packet into the small end of the steering gear boot cavity. Apply the remainder of the grease on the shaft where the small end of the steering gear boot meets the shaft.



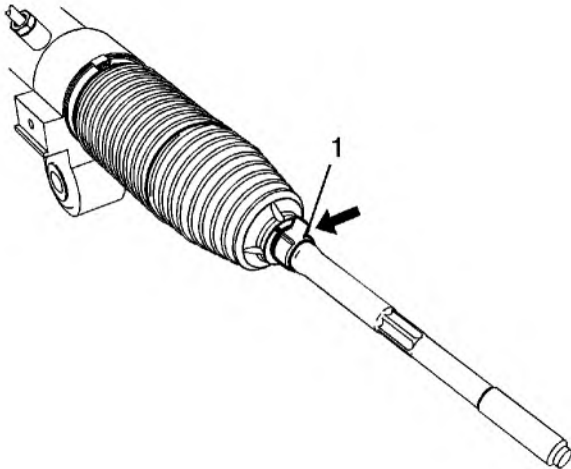
Important: Ensure the large end of the steering gear boot is firmly seated in the steering gear housing groove.

2. Install the steering gear boot with the large clamp loosely attached but not crimped.

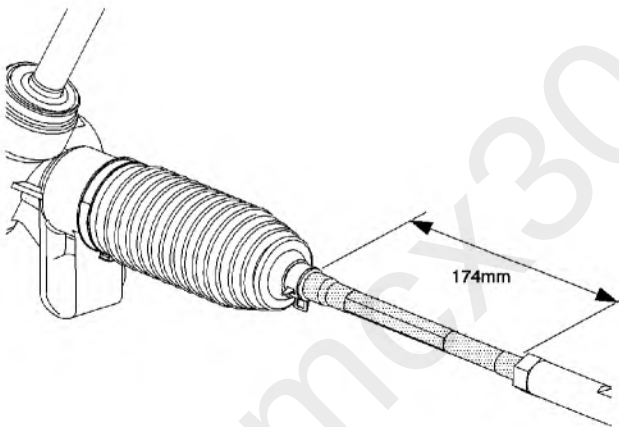


3. Use pliers [J 22610](#) to crimp the steering gear boot clamp.

Important: Ensure the small end of the steering gear boot is firmly seated in the steering gear inner tie rod end groove.



4. Install the steering gear boot clamp (1).



5. Install the steering gear inner tie rod nuts approximately 174 mm (6.85 in) from the steering gear boot clamp.
6. Install the steering gear. Refer to [Steering Gear Replacement](#).
7. Install the rack and pinion outer tie rod ends. Refer to [Rack and Pinion Outer Tie Rod End Replacement](#).
8. Fill and bleed the power steering system. Refer to [Power Steering System Bleeding](#).
9. Check the front wheel alignment and adjust as necessary. Refer to [Wheel Alignment Measurement](#).