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2004 GMC Truck GMC K Sierra - 4WD

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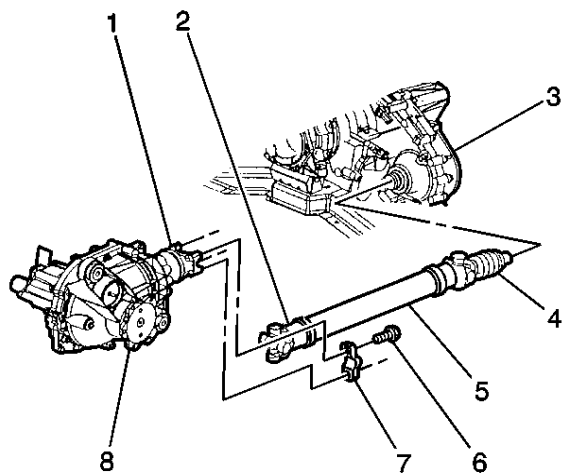
Differential Drive Pinion Flange/Yoke, Seal, and Dust Deflector Replacement - Front

Tools Required

1. [J 8614-01](#) Flange and Pulley Holding Tool
2. [J 36366](#) Pinion Oil Seal Installer

Removal Procedure

1. Raise the vehicle. Refer to [Lifting and Jacking the Vehicle](#) in General Information.
2. Remove the tire and wheel assemblies. Refer to [Tire and Wheel Removal and Installation](#) in Tires and Wheels.
3. Remove the brake calipers. Refer to [Brake Caliper Replacement - Front](#) in Disc Brakes.
4. Remove the differential carrier assembly shield, if equipped. Refer to [Shield Replacement](#).
5. Reference mark the relationship of the propeller shaft to the front axle pinon yoke.



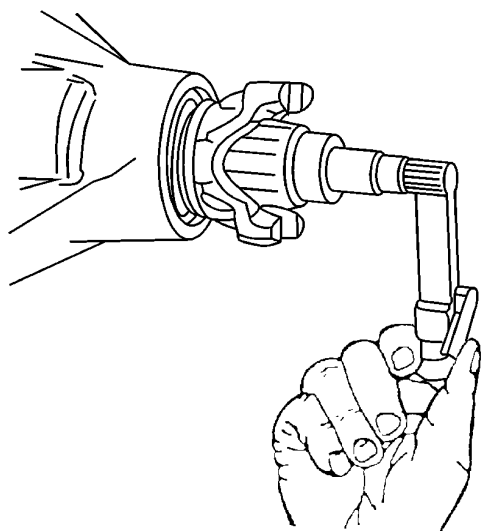


6. Remove the yoke retainer bolts (6) and the yoke retainers (7) from the front axle pinion yoke (1).

Notice

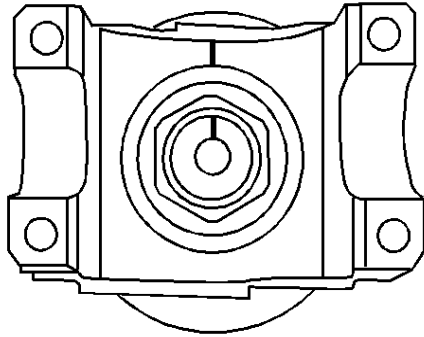
When removing the propeller shaft, do not attempt to remove the shaft by pounding on the yoke ears or using a tool between the yoke and the universal joint. If the propeller shaft is removed by using such means, the injection joints may fracture and lead to premature failure of the joint.

7. Disconnect the propeller shaft universal joint (2) from the front axle pinion yoke (1).
Wrap the bearing caps with tape in order to prevent the loss of bearing rollers.
8. Support the propeller shaft and move out of the way as necessary.



9. Measure the torque required in order to rotate the pinion. Use an inch-pound torque wrench. Record the torque value for reassembly. This will give the combined preload for the following components:
 1. The pinion bearings
 2. The pinion seal
 3. The carrier bearings

4. The axle bearings
5. The axle seals



10. Scribe an alignment line between the pinion shaft and the pinion yoke.