

288798

Intermediate Steering Shaft Replacement-Upper

Removal Procedure

1. Turn the steering wheel so that the front wheels are pointing straight ahead.
2. Turn the ignition switch to the LOCK position and remove the key.

Note the relationship of the upper intermediate shaft to the lower intermediate shaft and the upper intermediate shaft to the steering column in order to ensure proper installation.

3. Remove the steering column. Refer to *Steering Column Replacement*.
4. Remove the nut and the bolt that retain the upper intermediate shaft to the steering column.
5. Remove the upper intermediate shaft from the steering column.

Installation Procedure

1. Install the upper intermediate shaft to the steering column.

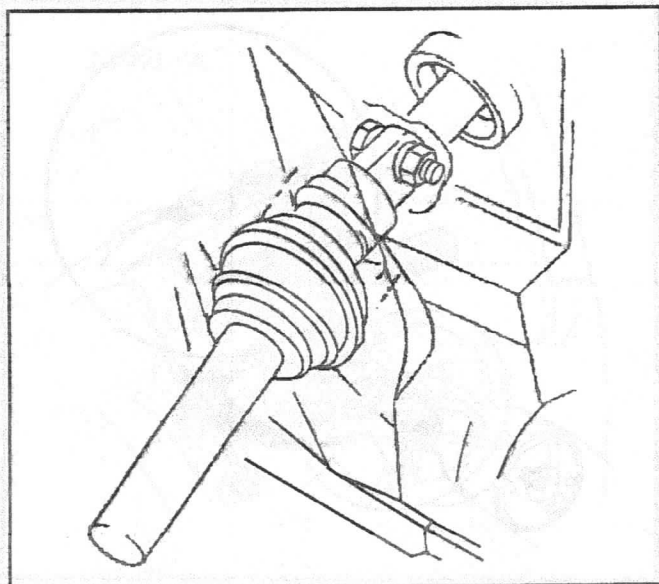
Notice: Refer to *Fastener Notice* in Cautions and Notices.

2. Install the nut and bolt that retain the upper intermediate shaft to the steering column.

Tighten

Tighten the upper intermediate shaft to the steering column nut to 47 N·m (35 lb ft).

3. Install the steering column. Refer to *Steering Column Replacement*.



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Intermediate Steering Shaft Replacement-Lower

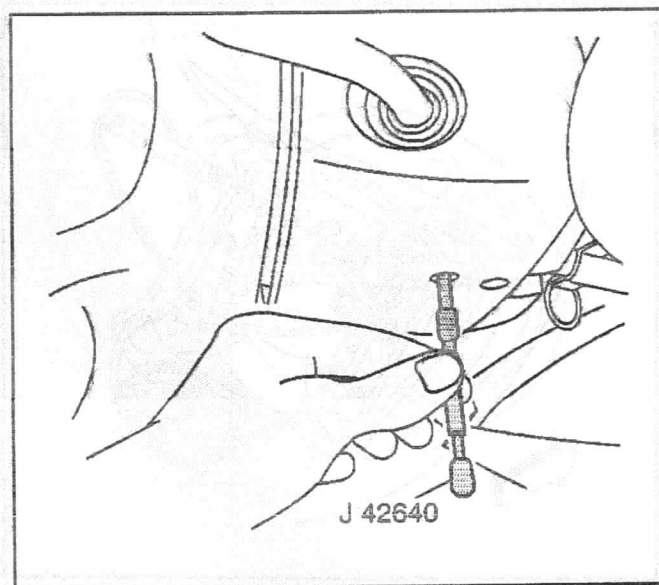
Removal Procedure

Tools Required

J 42640 Steering Column Lock Pin

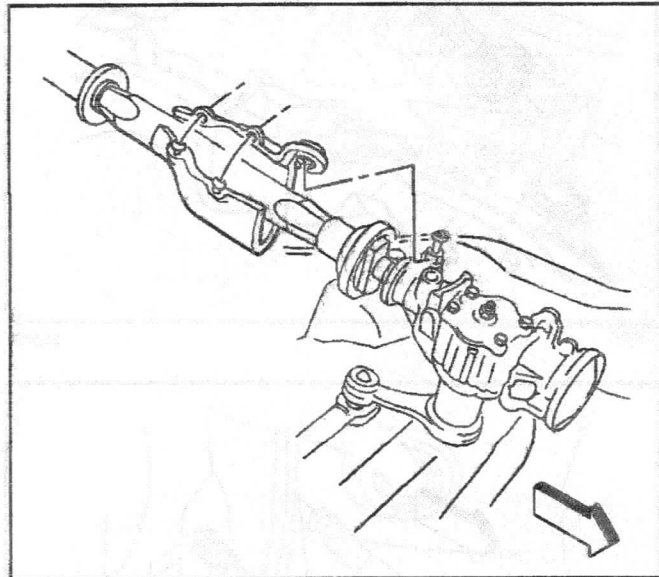
Notice: The front wheels of the vehicle must be maintained in the straight ahead position and the steering column must be in the LOCK position before disconnecting the steering column or intermediate shaft. Failure to follow these procedures will cause improper alignment of some components during installation and result in damage to the SIR coil assembly.

1. Turn the steering wheel so that the front wheels are pointing straight ahead.
2. Turn the ignition switch to the lock position and remove the key.



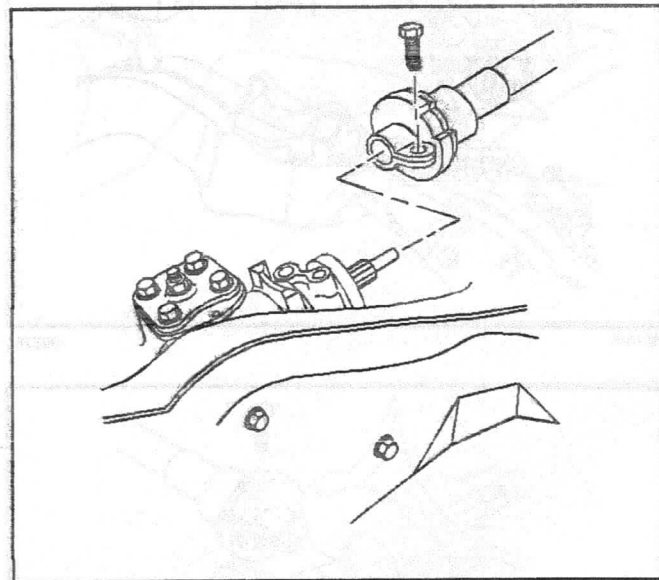
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3. Lock the steering column through the access hole in the lower steering column shroud using *J 42640*.
4. Remove the air cleaner assembly.
Note the relationship of the lower intermediate shaft to the upper intermediate shaft and the lower intermediate shaft to the steering gear input shaft in order to ensure proper installation.
5. Remove the intermediate shaft shield from the lower intermediate shaft.

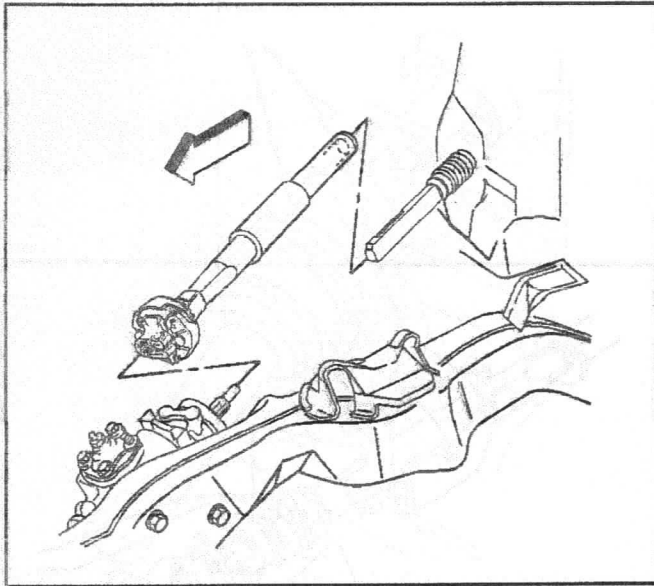


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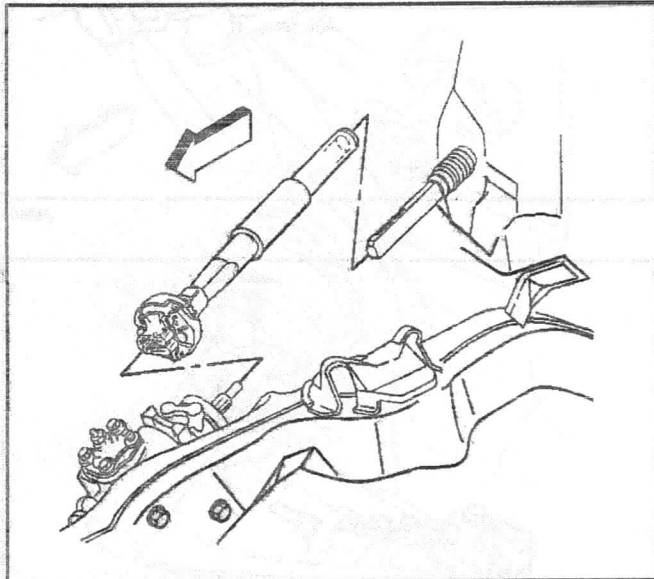
6. Remove the bolt that retains the lower intermediate shaft coupling to the steering gear input shaft.



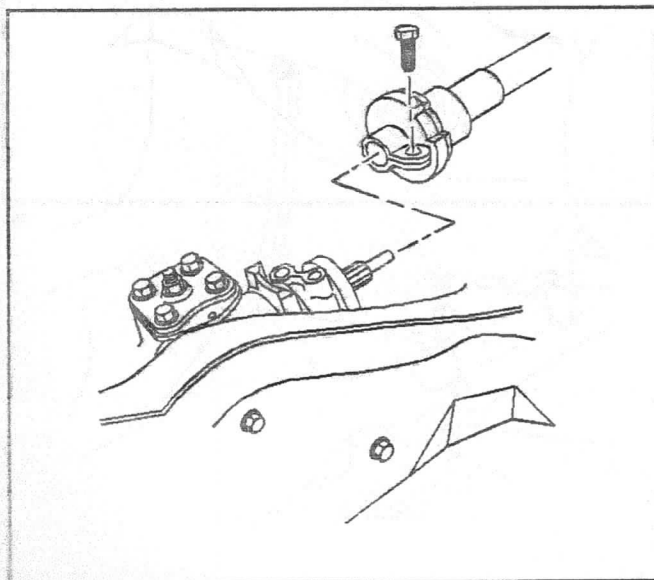
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7. Remove the lower intermediate shaft from the vehicle.

- 7.1. Slide the lower intermediate shaft rearward in order to remove the lower intermediate shaft coupling from the steering gear input shaft.
- 7.2. Slide the lower intermediate shaft forward in order to remove the lower intermediate shaft from the upper intermediate shaft.

Installation Procedure

1. Install the lower intermediate shaft.
 - 1.1. Slide the lower intermediate shaft rearward in order to install the lower intermediate shaft to the upper intermediate shaft.
 - 1.2. Slide the lower intermediate shaft forward in order to install the lower intermediate shaft coupling to the steering gear input shaft.

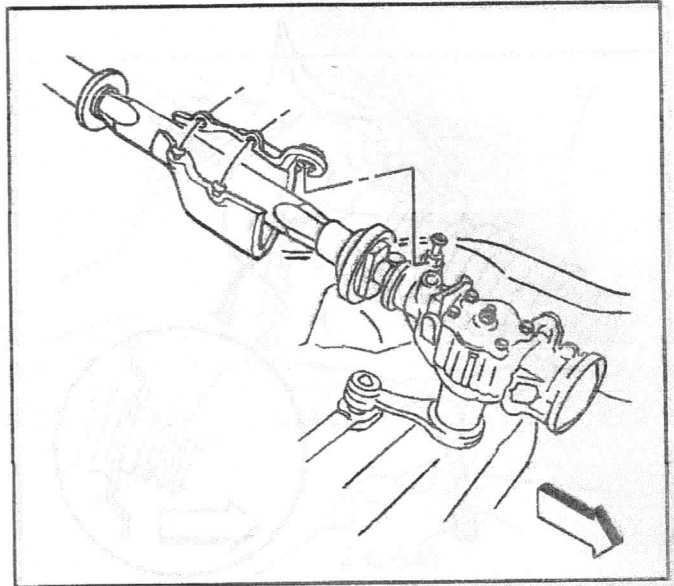
Notice: Refer to *Fastener Notice* in Cautions and Notices.

2. Install the bolt that retains the lower intermediate shaft coupling to the steering gear input shaft.

Tighten

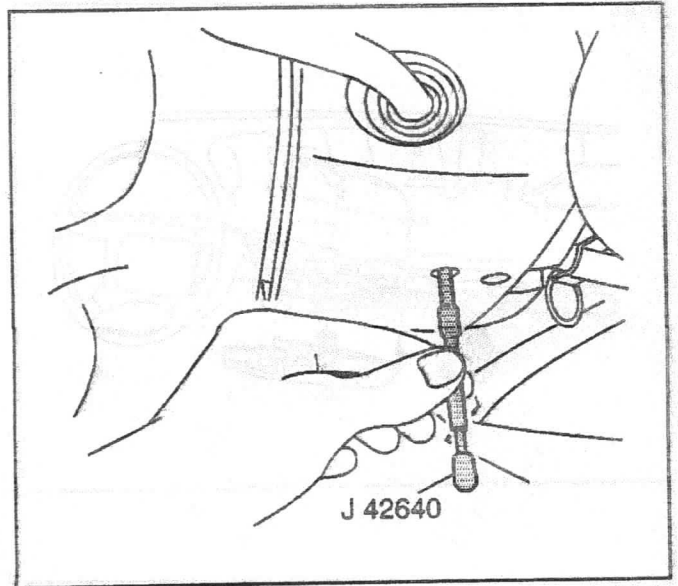
Tighten the lower intermediate shaft coupling to the steering gear input shaft bolt to 35 N·m (25 lb ft).

- 3. Install the shield to the lower intermediate shaft.
- 4. Install the air cleaner assembly.



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- 5. Unlock the steering column by removing J 42640 from the steering column lower shroud access hole.

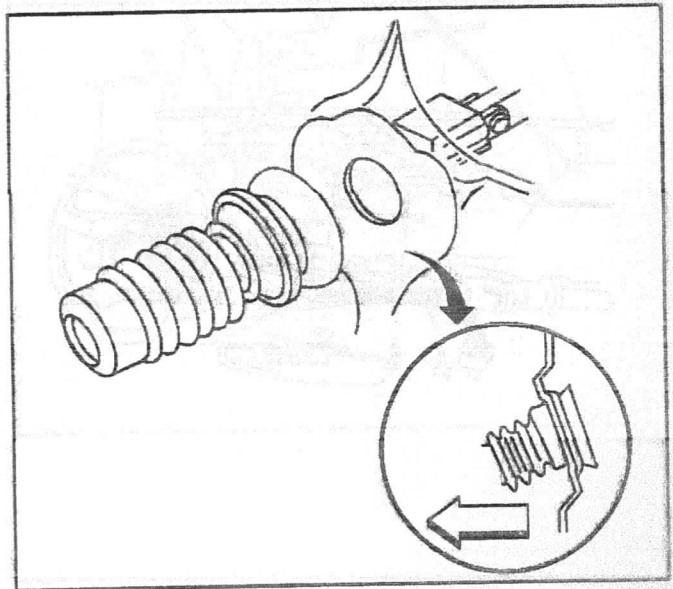


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Seal Replacement - Intermediate Steering Shaft

Removal Procedure

- 1. Remove the lower intermediate shaft. Refer to *Intermediate Steering Shaft Replacement-Lower*.
- 2. Remove the intermediate shaft seal from the vehicle.



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