

Component Procedures: Center Support

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Component Procedures: Center Support

Parts and Labor (itype_189)

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Rear Axle > Propeller Shaft > Center Bearing,?	B	1.6	0.0

Propeller Shaft Center Support Bearing Replacement (250 MM Axle) (Article 10806)

Special Tools

- DT-22912-B Bearing Remover
- DT-36614 Slinger Installer
- J-45342-1 Bearing Installer

Equivalent regional tools: Special Tools

Removal Procedure

- Raise and support the vehicle. Lifting and Jacking the Vehicle
- Remove the propeller shaft . Two-Piece Propeller Shaft Replacement
- Reference mark the notch (1) in the front propeller shaft and between the 2 notches (2) on the slip yoke.

Click for full-size image

- Separate the front propeller shaft (1) and the slip yoke boot (2) from the slip yoke (3). Click for full-size image
- Inspect the slip yoke boot for damage and replace, if necessary.
- Install the DT-22912-B remover (1) behind the center support bearing. Click for full-size image
- Support the DT-22912-B remover and press the rear propeller shaft from the center support bearing and slinger.
- Remove any corrosion from the rear propeller shaft bearing surface (1). Click for full-size image
- Clean and inspect the front propeller shaft splines (2) for excessive wear or damage and replace, if necessary.
- Clean and inspect the rear propeller shaft splines (3) for excessive wear or damage and replace, if necessary.
- Lubricate the front and rear propeller shaft splines with GM approved lubricant. Fluid and Lubricant Recommendations

Recommendations

Installation Procedure

- Install the DT-22912-B remover (1) to the rear propeller shaft with the cupped portion of the DT-22912-B remover supporting the rear propeller shaft slip joint yoke. Click for full-size image
- Install the concave slinger on the rear propeller shaft slip joint yoke.
- Place the center support bearing on the rear propeller shaft slip joint yoke.
- Using the J-45342-1 installer (2), press the center support bearing (3) until the inner race is seated squarely against the shoulder of the rear propeller shaft slip joint yoke.
- Using the DT-36614 installer (2), install the center support bearing slinger.
- Install the front propeller shaft (1) to the slip yoke boot (2). Click for full-size image
- Ensure the slip yoke boot is fully seated in the front propeller shaft retention groove.
- Align the reference mark on the front propeller shaft to the mark on the rear propeller shaft slip joint yoke (3).
- Maintain the front propeller shaft alignment mark (1) to the rear propeller shaft slip joint yoke alignment mark (2) and install the front propeller shaft to the rear propeller shaft. Click for full-size image
- Seat the slip joint boot fully on the rear propeller shaft slip joint yoke.
- Install the propeller shaft. Two-Piece Propeller Shaft Replacement
- Perform the Driveline System Balance Adjustment procedure. Driveline System Balance Adjustment