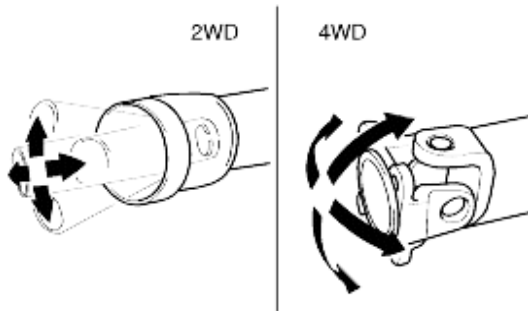


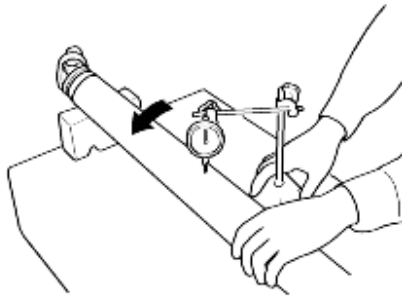
INSPECTION

1. Check the sleeve yoke, center yoke and flange yoke for wear, damage or cracks.
2. Check the propeller shaft yokes for wear, damage or cracks
3. Check the propeller shaft for bends, twisting or damage.
4. Check the universal joints for smooth operation in all directions.



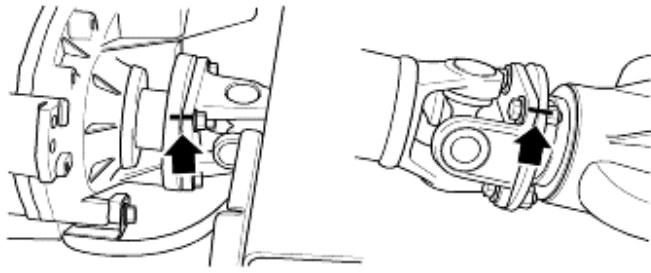
5. Check the center bearing for smooth movement (2WD).
6. Check the center bearing mounting rubber for damage or deterioration (4WD).
7. Measure the propeller shaft run out with a dial indicator.

Limit	Front	0.3 mm (0.012 in.) or less
	Rear	0.3 mm (0.012 in.) or less

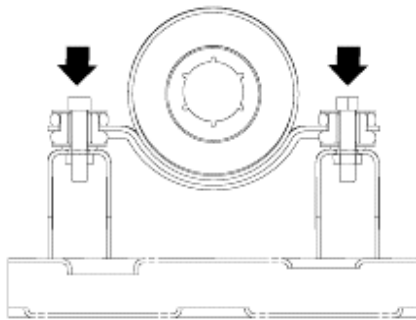


REMOVAL

1. Raise and support vehicle.
2. Place index marks (reference marks) on the propeller shaft and their matching transfer case and differential input shafts.



3. Remove four bolts holding universal flange to transfer case (4WD).
Remove bolts holding center bearing bracket (2WD).



4. Remove four bolts holding universal flange to differential.
5. Remove propeller shaft.

NOTICE

- a. When removing the propeller shaft, be careful not to damage the dust cover or spline.

INSTALLATION

- 1 Connect propeller shaft flange to companion flange on front differential (4WD).
 - a. Align index marks on the flange and connect the flanges with four bolts and nuts.
 - b. Tighten the bolts and nuts.

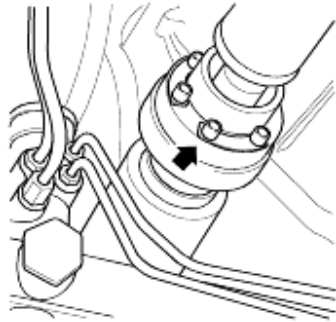
Tightening torque :

26-30 N·m (2.6-3.0 kg·m, 19-21 lb·ft)

- Full time 4WD

50-60 N·m (5.0-6.0 kg·m, 36-43 lb·ft)

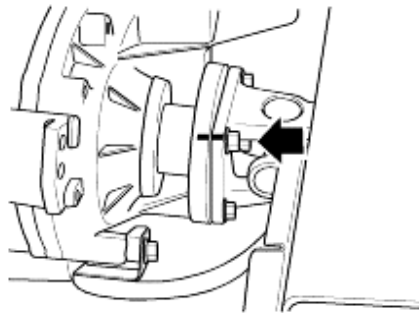
- Part time 4WD



- 2 Connect front propeller shaft flange to companion flange on transfer (4WD).
 - a. Align index marks on the flange and connect the flanges with four bolts and nuts
 - b Tighten the bolts.

Tightening torque :

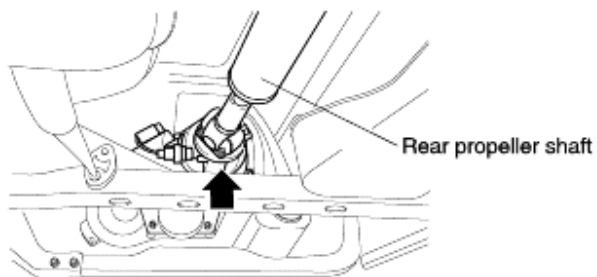
50-60 N·m (5.0-6.0 kg·m, 36-43 lb·ft)



- 3 Connect rear propeller shaft flange to companion flange on transfer. (4WD)
 - a. Align index marks on the flange and connect the flanges with four bolts and nuts
 - b Tighten the bolts.

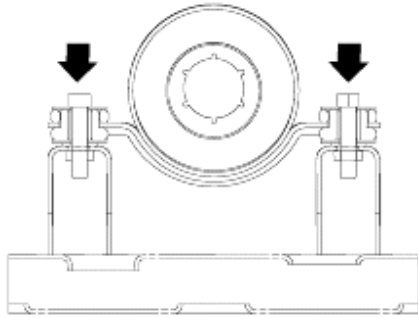
Tightening torque :

50-60 N·m (5.0-6.0 kg·m, 36-43 lb·ft)



- 4 Connect the propeller shaft spline to transmission (2WD)
 - a. Align index mark on the spline and then install the propeller shaft.
 - b Tighten the bolts holding the center bearing bracket.

Tightening torque :
37-54 N·m (3.7-5.4 kg·m, 27-39 lb·ft)

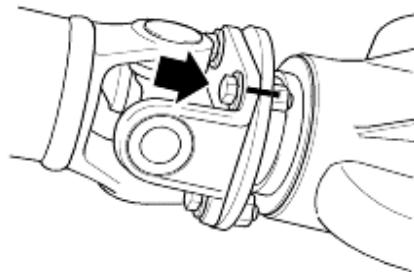


CAUTION

- a. Be careful not to damage the dust cover of propeller shaft when installing the propeller shaft (2WD)

- 5 Connect propeller shaft flange to companion flange on rear differential.
 - a. Align index marks on the flange and connect the flange with four bolts and nuts.
 - b Tighten the bolts and nuts.

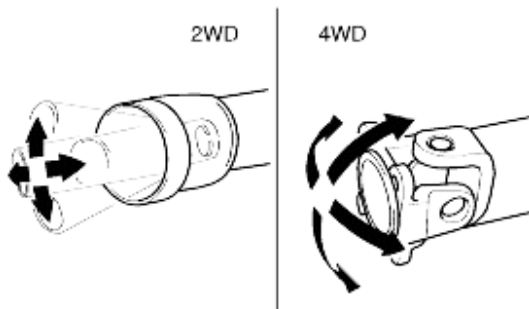
Tightening torque :
50-60 N·m (5.0-6.0 kg·m, 36-43 lb·ft)



6. After installing the propeller shaft fill the grease into the nipple until it comes out from the sleeve yoke plug hole.

INSPECTION

1. Check the sleeve yoke, center yoke and flange yoke for wear, damage or cracks.
2. Check the propeller shaft yokes for wear, damage or cracks
3. Check the propeller shaft for bends, twisting or damage.
4. Check the universal joints for smooth operation in all directions.



5. Check the center bearing for smooth movement (2WD).
6. Check the center bearing mounting rubber for damage or deterioration (4WD).
7. Measure the propeller shaft run out with a dial indicator.

Limit	Front	0.3 mm (0.012 in.) or less
	Rear	0.3 mm (0.012 in.) or less

