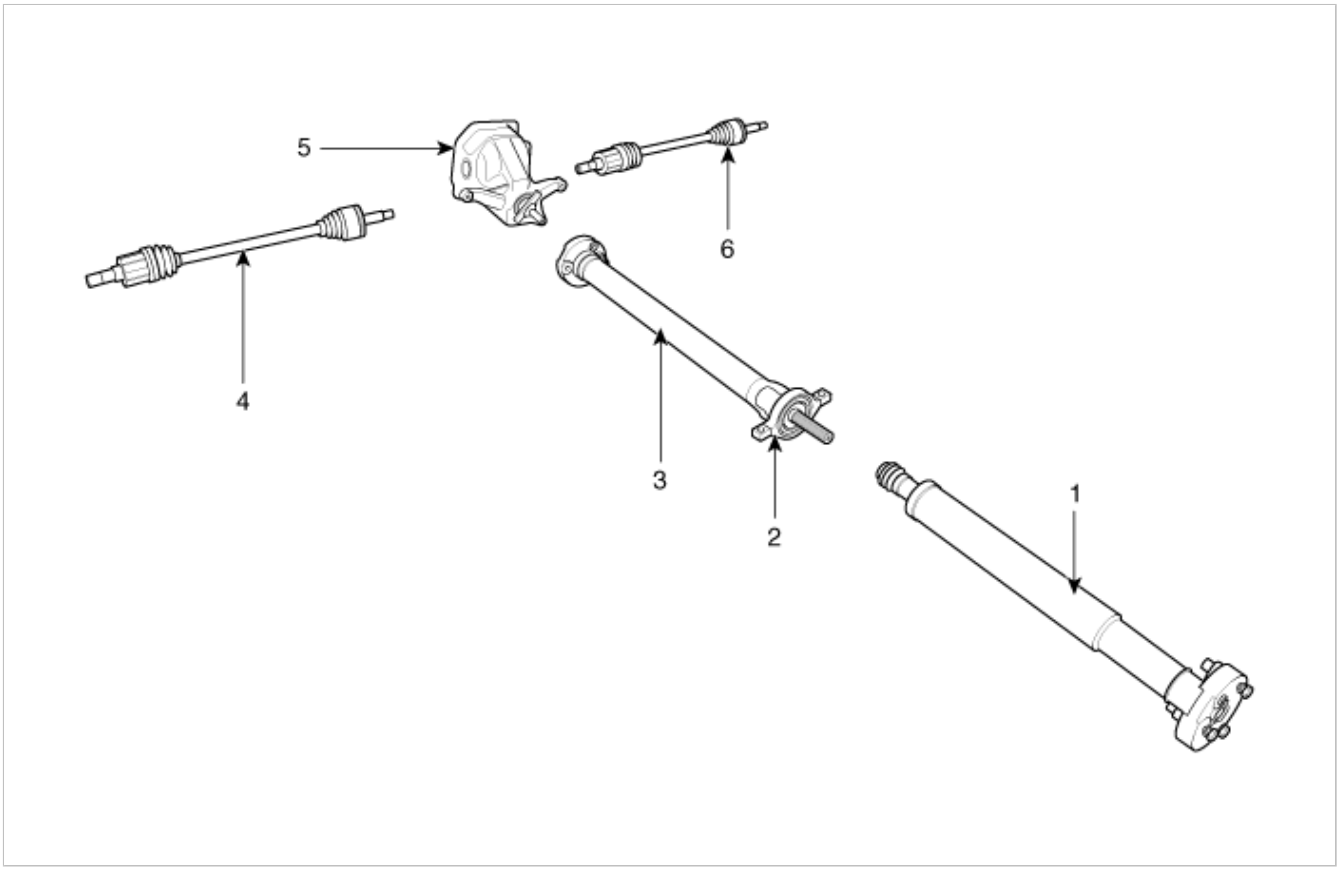
Components

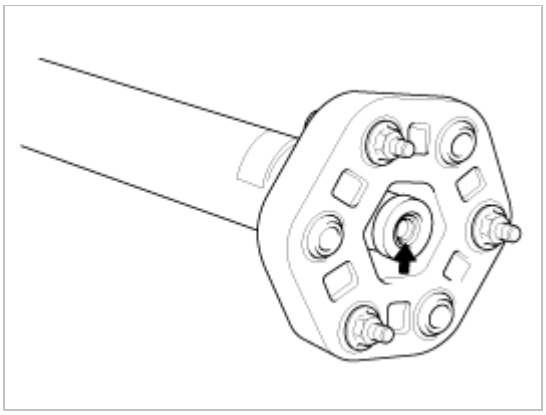


1. Front propeller shaft	4. Drive shaft (R)
2. Center bearing bracket	5. Differential carrier
3. Rear propeller shaft	6. Drive shaft (L)

Inspection

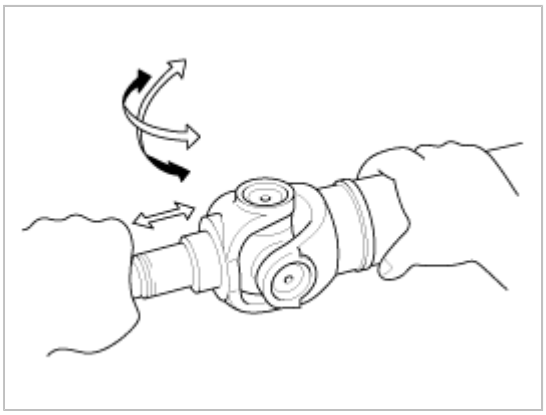
Inspect Flexibl Coupling

1. Check the front and rear flexible couplings for cracks or damage.
2. Inspect the flexible coupling centering bushing. If the busing is damaged, replace the propel shaft assembly.



Universal Joint Inspect

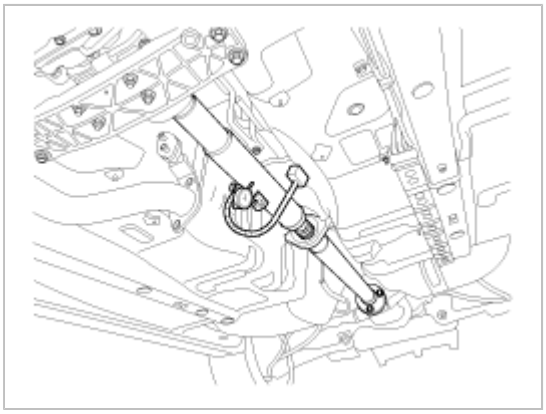
1. Check that the spider berring rotates smoothly.
2. Check that there is no play in the spider bearing if necessary, replace the propel shaft.



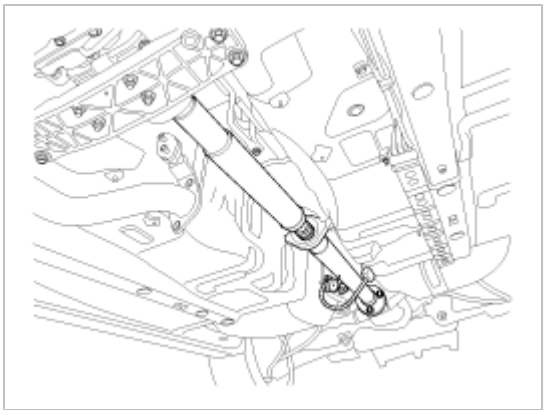
Propeller Shaft Runout

1. Install a dial indicator with its needle on the center of front propeller shaft or rear propeller shaft.
2. Turn the other propeller shaft slowly and check the runout. Repear this procedure for the other propeller shaft.

Front Propeller Shaft Runout : 0.3mm (0.012in.)



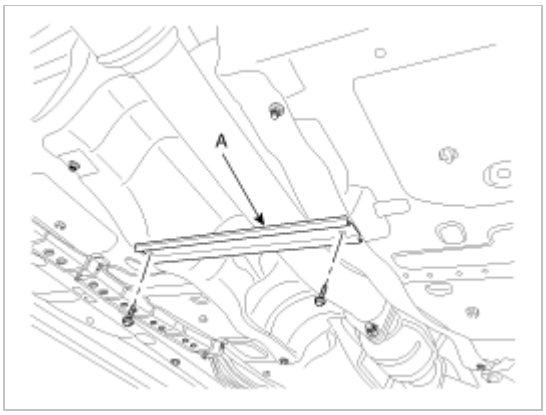
Rear Propeller Shaft Runout : 0.3mm (0.012in.)



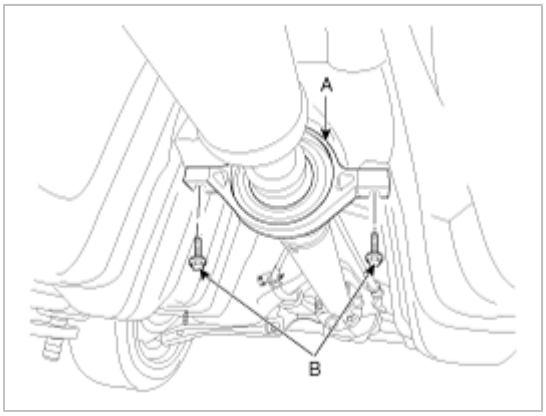
3. If the runout on either propeller shaft exceeds the service limit, replace the propeller shaft assembly.

Replacement

1. loosen the mount bolt and then remove the bracket(A).

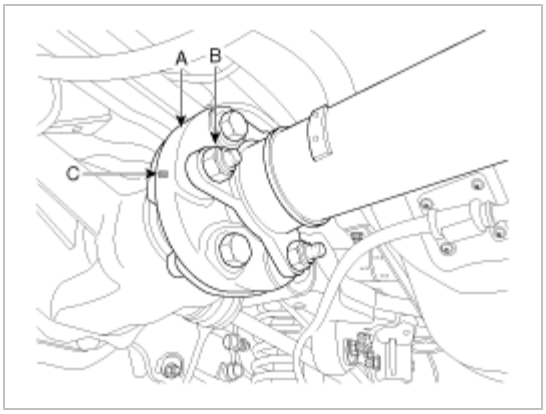


2. Remove the rear muffler(Refer to FL group-Muffler)
3. Loosen the mount bolts and then heating bracket.
4. Remove the center bearing bracket(A) mounting bolts(B).

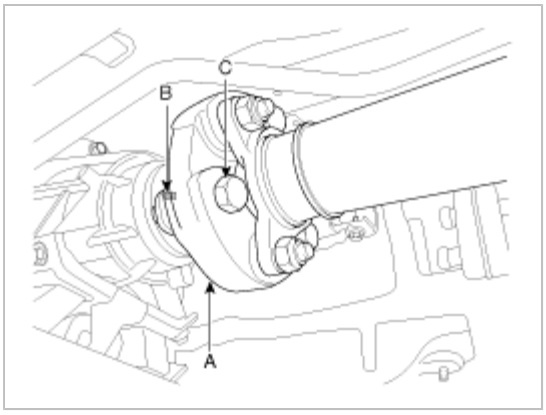


5. After making a match mark(C) on the rubber coupling(A) and rear differential companion(B), remove the propeller shaft mounting bolts(D).

Tightening torque Nm (kgf.m, lb-ft) :
90~110 (9.0~11.0, 65.0~79.5)



Tightening torque Nm (kgf.m, lb-ft) :
90~110 (9.0~11.0, 65.0~79.5)



CAUTION

A. Use the hexagonal wrench to prevent damage of bolt head when removing bolts.
B. When retightening the propeller shaft mounting bolts after removing them, each bolt and washer must be placed in its original position and bolt insertion direction must be the same as before, so make marks not to allow the bolts and washers to be mixed up before removing the propeller shaft.
C. If the position and direction of the propeller shaft mounting bolts and washers are reversed, it may cause vibration and noise at high vehicle speeds due to imbalance in the propeller shaft.
D. If abnormal vibration and noise occur at high vehicle speeds after replacing propeller shaft with new one, balance the propeller shaft with a balancing machine.

6. Installation is the reverse order of removal.