

Application: Kia Sportage 4x4

Front Wheels

a) Remove original parts (1 through 7) as shown right. (Fig. 1)

NOTE: Items 3 and 4 will be kept for the installation of the Mile Marker Hub.

- | | |
|----------------------|---------------------------|
| 1 - Bolts (6x) | 7 - Bearing nut |
| 2 - Free Wheel Hub | 8 - Bearing nut |
| 3 - Snap ring | 9 - Lock washer |
| 4 - Spacer | 10 - Lock washer (2x) |
| 5 - Clutch ass'y | 11 - Pan head screws (2x) |
| 6 - Nut retainer key | |

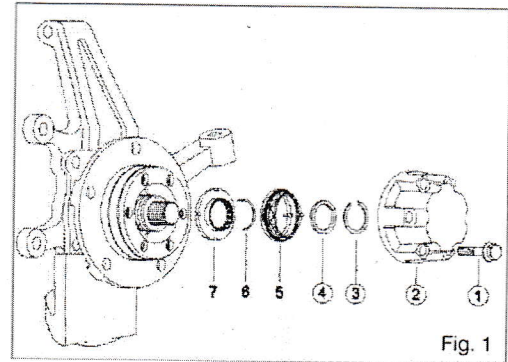


Fig. 1

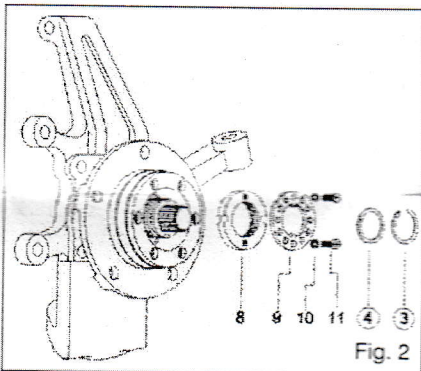


Fig. 2

Bearing Adjusting System Mounting (Fig. 2)

- Installing bearing nut (8), tighten the nut following the vehicle manufacturer's instructions.
- Install lock washer (9). If holes are not aligned with bearing nut (8), align by loosening the bearing nut (8) enough for the next two holes to be aligned.
- Install the two pan head screws (11) and lock washers (10).
- Install spacer (4) sliding it by on the drive shaft until it touches the spindle front face.
- Install snap ring (3) on the drive shaft groove.

Mile Marker Free Wheel Hub Installation Procedure

1. With the control dial in 4x2 position, loosen cap screws and separate the two sub-assemblies.

2. Install hub body with its gasket using the original flange bolts and lock washers. Tighten them according to the specifications of vehicle's manufacturer.

3. Install the cover assembly with its gaskets. Tighten cover screws with 30-40 kgf.cm (26-35 lb.in.).

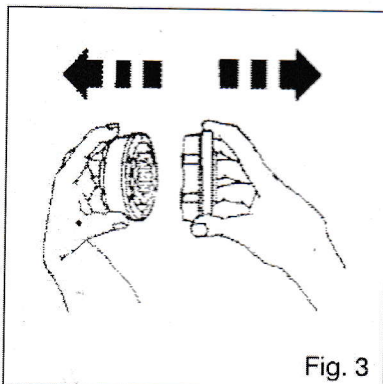


Fig. 3

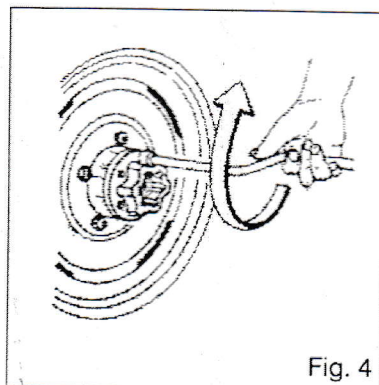


Fig. 4

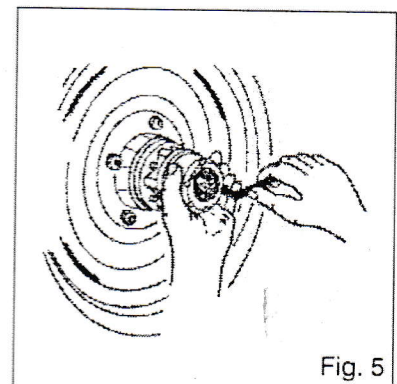


Fig. 5