6. Lateral link

A: REMOVAL
1) Loosen the wheel nuts. Lift-up the vehicle and remove wheel.
2) Remove the stabilizers.
3) Remove the ABS wheel speed sensor harness from trailing link.
4) Remove the bolt securing trailing link to rear housing.
5) Remove the bolts which secure the lateral link assembly to rear housing.
6) Remove the DOJ from rear differential using ST. ST 28099PA090 DRIVE SHAFT REMOVER

NOTE:
The side spline shaft circlip comes out together with the shaft.

(1) Bolt
(2) DOJ

CAUTION:
Be careful not to damage the side bearing retainer. Always use bolt shown in the figure, as supporting point for ST during removal.
7) Scribe an alignment mark on the rear lateral link adjusting bolt and crossmember.

8) Remove the bolts securing front and rear lateral links to crossmember, detach lateral links.

CAUTION:
To loosen the adjusting bolt, always loosen the nut while holding head of adjusting bolt.

B: INSTALLATION
Install in the reverse order of removal. Observe the following instructions.
• Installation of DOJ to differential: <Ref. to DS-35, INSTALLATION, Rear Drive Shaft.>

CAUTION:
• Replace the self-locking nut and DOJ circlip with new ones.
• Always use the special tool not to allow the DOJ splines to damage the side oil seal.
  ST 28099PA090 OIL SEAL PROTECTOR
• Always tighten the bushing location when tires are in full contact with the ground and vehicle is curb weight.
• Secure the bolt head and tighten the nut when installing the adjusting bolt.

NOTE:
Check the wheel alignment and adjust if necessary.

C: DISASSEMBLY
1) Using the following table as a guide, verify the type of bushings.
2) Select the ST according to type of bushings used.

<table>
<thead>
<tr>
<th>Bushing</th>
<th>ST: INSTALLER &amp; REMOVER SET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bushing A</td>
<td>927700000</td>
</tr>
<tr>
<td>Bushing B</td>
<td>927690000</td>
</tr>
<tr>
<td>Bushing C</td>
<td>927700000</td>
</tr>
</tbody>
</table>

(1) Bushing A
(2) Bushing B
(3) Bushing C
(4) Front
(5) Outside of body
3) Using the ST, press the bushing out of place.

3) Using the ST, press the bushing into place.

D: ASSEMBLY

1) Use the same ST that was used during disassembly.

2) If it is difficult to press the bushing into trailing link, apply water-diluted TIRE LUBE to the inner surface of ST as a lubricant.

Specified lubricant:

TIRE LUBE: water = 1: 3
4) Press the ST plunger until bushing flange protrudes beyond lateral link.

5) Turn the lateral link upside down. Press the ST plunger in opposite direction that outlined in the former procedure until bushing is correctly positioned in trailing link.

**E: INSPECTION**

Visually check the lateral links for damage or bends.