

GROUP 34

REAR SUSPENSION

GENERAL

OUTLINE OF CHANGE

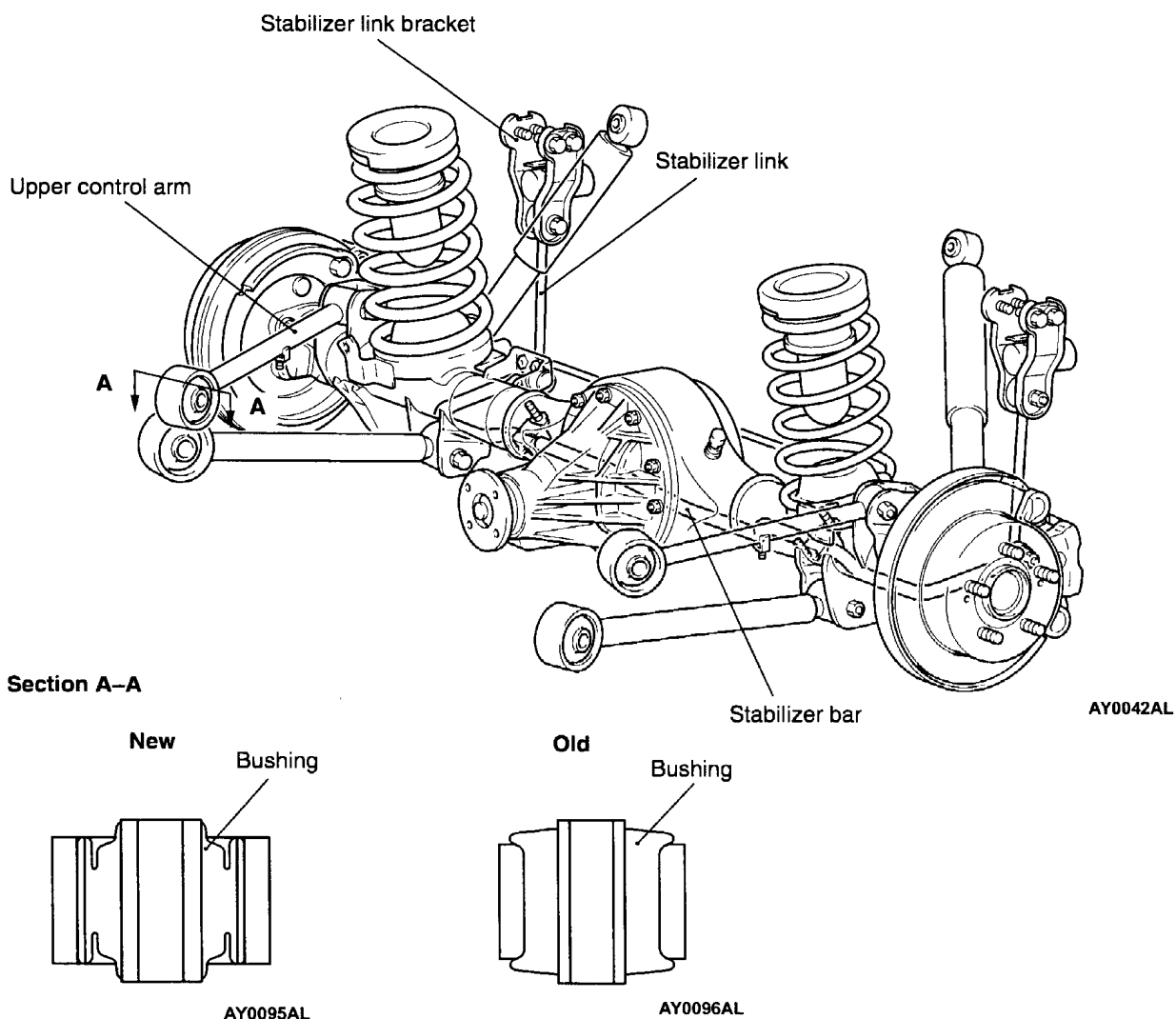
- The coil spring specification has been added. <5-door models>
- The service procedures have been added due to the introduction of the rear stabilizer. <5-door models>
- The bushing of the upper control arm has been reshaped.

GENERAL INFORMATION

COIL SPRING<5-door models>

Items	Specification
Wire diameter × average diameter × free length mm	11 × 131 × 305

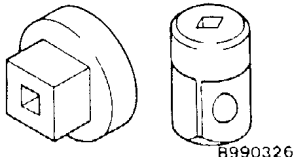
CONSTRUCTION DIAGRAM



SERVICE SPECIFICATION

Items	Standard value
Stabilizer link ball joint turning torque Nm	1.7 – 3.1

SPECIAL TOOL

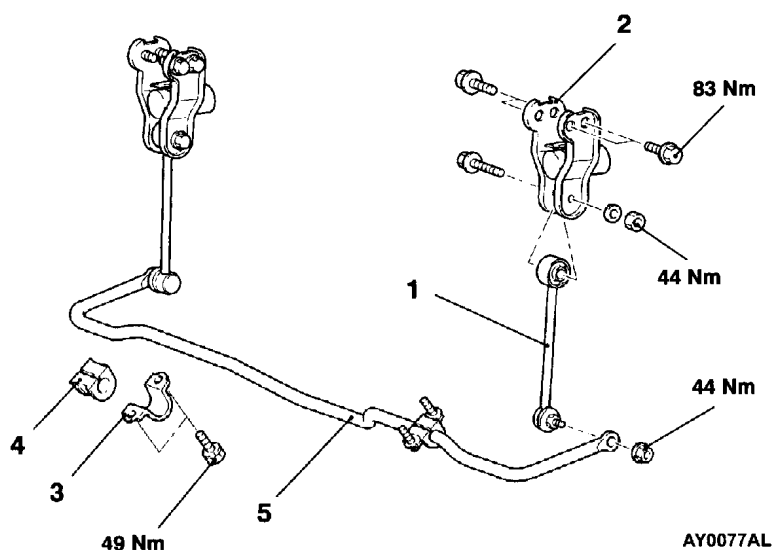
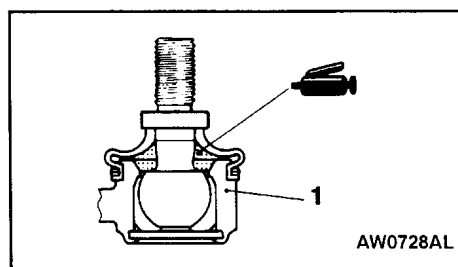
Tool	Number	Name	Use
	MB990326	Preload socket	Stabilizer link ball joint turning torque measurement

STABILIZER BAR

REMOVAL AND INSTALLATION

Post-installation Operations

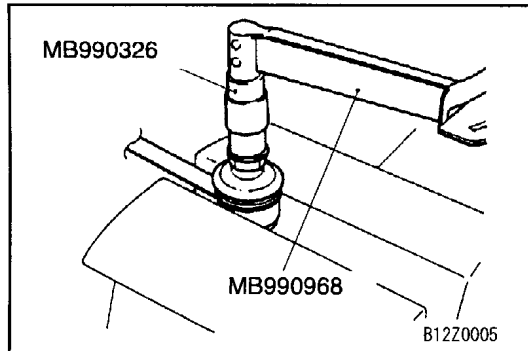
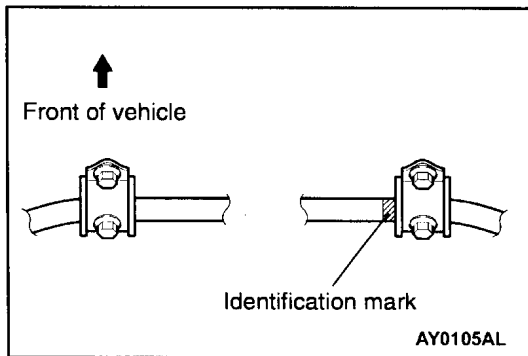
Press the dust cover with your finger to check that there are no cracks or damage in the dust cover.



Removal steps

1. Stabilizer link assembly
2. Stabilizer link bracket
3. Stabilizer bracket
4. Bushing
5. Stabilizer bar





INSTALLATION SERVICE POINT

►A◄ STABILIZER BAR/BUSHING/STABILIZER BRACKET INSTALLATION

Align the identification mark of stabilizer bar with the left end of the bushing, before tightening the mounting bolts.

INSPECTION

STABILIZER LINK BALL JOINT TURNING TORQUE CHECK

1. After shaking the ball joint stud several times, install the nut to the stud and use the special tools to measure the turning torque of the ball joint.

Standard value: 1.7 – 3.1 Nm

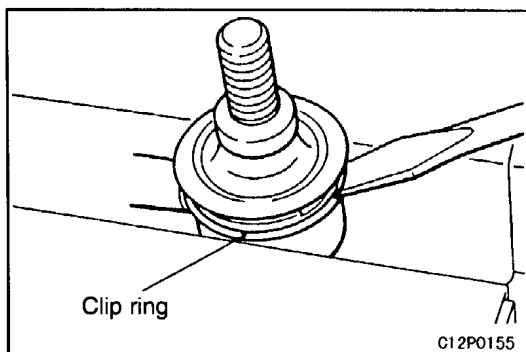
2. When the measured value exceeds the standard value, replace the stabilizer link.
3. When the measured value is lower than the standard value, check that the ball joint turns smoothly without excessive play. If so, it is possible to reuse that ball joint.

STABILIZER LINK BALL JOINT DUST COVER CHECK

1. Check the dust cover for cracks or damage by pushing it with finger.
2. If the dust cover is cracked or damaged, replace the stabilizer link.

NOTE

Cracks or damage of the dust cover may cause damage of the ball joint. When it is damaged during service work, replace the dust cover.



STABILIZER LINK BALL JOINT DUST COVER REPLACEMENT

Only when the dust cover is damaged accidentally during service work, replace the dust cover as follows:

1. Remove the clip ring and the dust cover.
2. Apply multipurpose grease to the inside of the dust cover.
3. Wrap plastic tape around the stabilizer link stud, and then install the dust cover to the stabilizer link.
4. Secure the dust cover by the clip ring.
5. Check the dust cover for cracks or damage by pushing it with finger.