

## 02-14 REAR SUSPENSION

### REAR SUSPENSION

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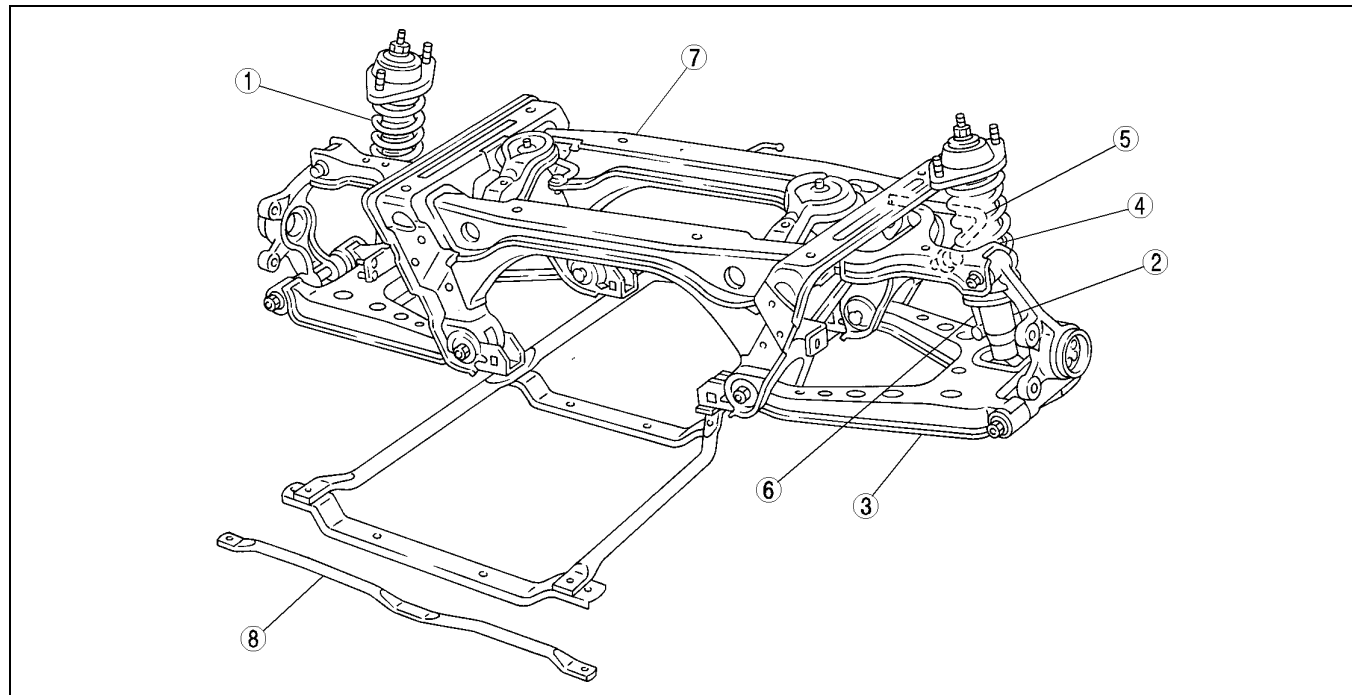
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A5U021401016W01



Z5U0214W120

1	Rear shock absorber and coil spring (See 02-14-2 REAR SHOCK ABSORBER AND COIL SPRING REMOVAL/INSTALLATION)
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## REAR SUSPENSION

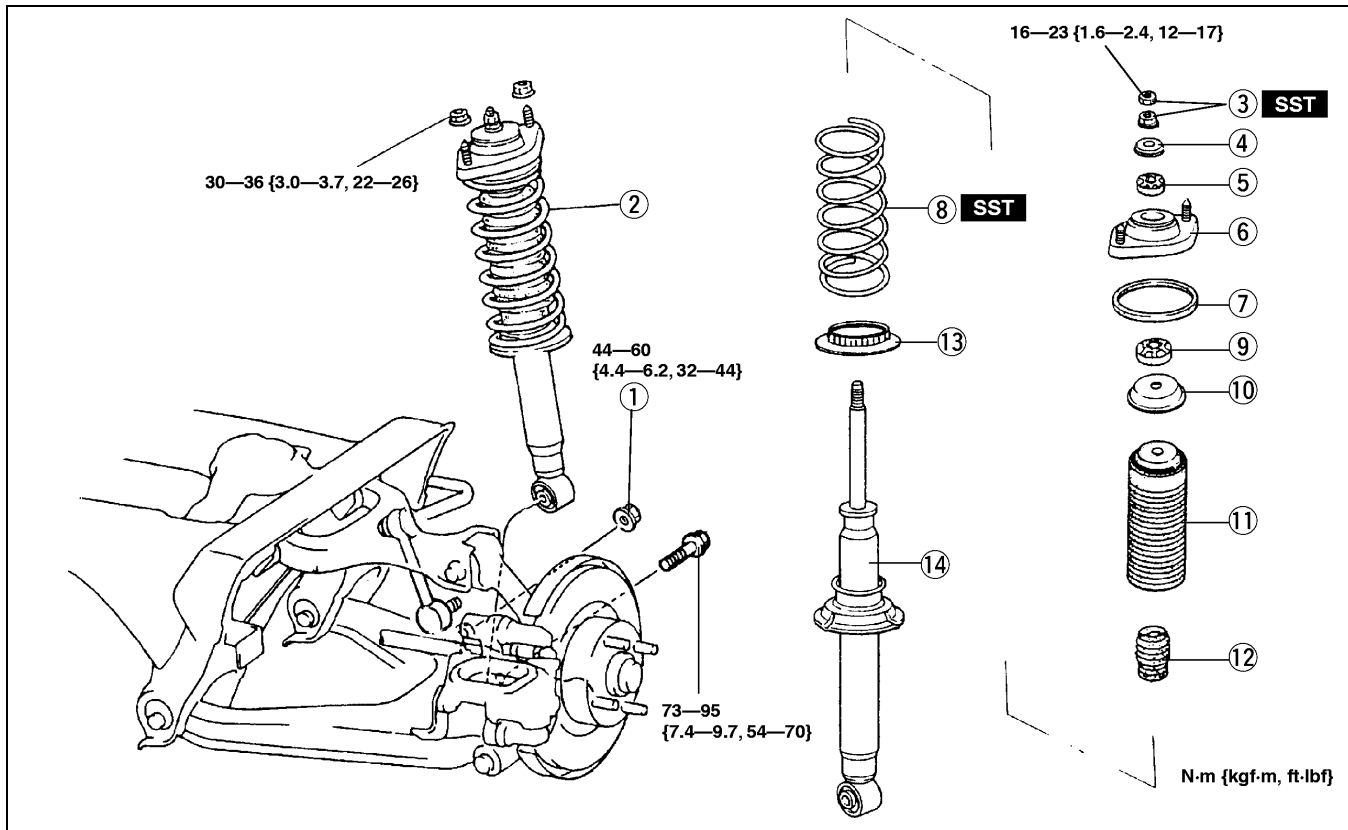
### REAR SHOCK ABSORBER AND COIL SPRING REMOVAL/INSTALLATION

A5U021405910W01

#### Caution

- Performing the following procedures without first removing the ABS wheel-speed sensor may possibly cause an open circuit in the harness if it is pulled by mistake. Before performing the following procedures, remove the ABS wheel-speed sensor (axle side) and fix it to an appropriate place where the sensor will not be pulled by mistake while servicing the vehicle.

- Remove in the order indicated in the table.
- Install in the reverse order of removal.
- Inspect the rear wheel alignment.
  - If not as specified, adjust the rear wheel alignment. (See 02-11-4 REAR WHEEL ALIGNMENT.)



X5U214WA4

1	Stabilizer control link nut
2	Rear shock absorber and coil spring (See 02-14-3 Rear Shock Absorber and Coil Spring Removal Note) (See 02-14-3 Rear Shock Absorber and Coil Spring Installation Note)
3	Piston rod nut (See 02-13-4 Piston Rod Nut Removal Note)
4	Retainer
5	Rubber bushing
6	Upper spring seat

7	Upper spring seat rubber
8	Coil spring (See 02-13-5 Coil Spring Installation Note)
9	Rubber bushing
10	Stopper casing
11	Dust boot
12	Bound stopper (See 02-13-4 Bound Stopper Installation Note)
13	Lower spring seat rubber
14	Rear shock absorber

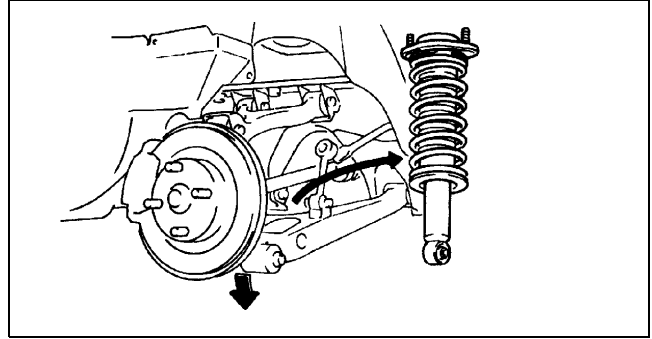
## REAR SUSPENSION

### Rear Shock Absorber and Coil Spring Removal Note

1. Loosen the upper arm and adjusting cam nuts.
2. Lower the upper and lower arms to remove the shock absorber and spring.

#### Caution

- Do not lower the arms excessively, doing so may damage the brake hose.



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### Rear Shock Absorber and Coil Spring Installation Note

1. Install the rear shock absorber and coil spring so that the part number label (by Showa) or caution label (by Bilstein) on the shock absorber faces outside of the vehicle.

### REAR SHOCK ABSORBER INSPECTION

1. Inspect the rear shock absorber in the same procedure as the front shock absorber. (See 02-13-6 FRONT SHOCK ABSORBER INSPECTION.)

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### REAR SHOCK ABSORBER DISPOSAL

1. Dispose the rear shock absorber in the same manner as the front shock absorber. (See 02-13-6 FRONT SHOCK ABSORBER DISPOSAL.)

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## REAR SUSPENSION

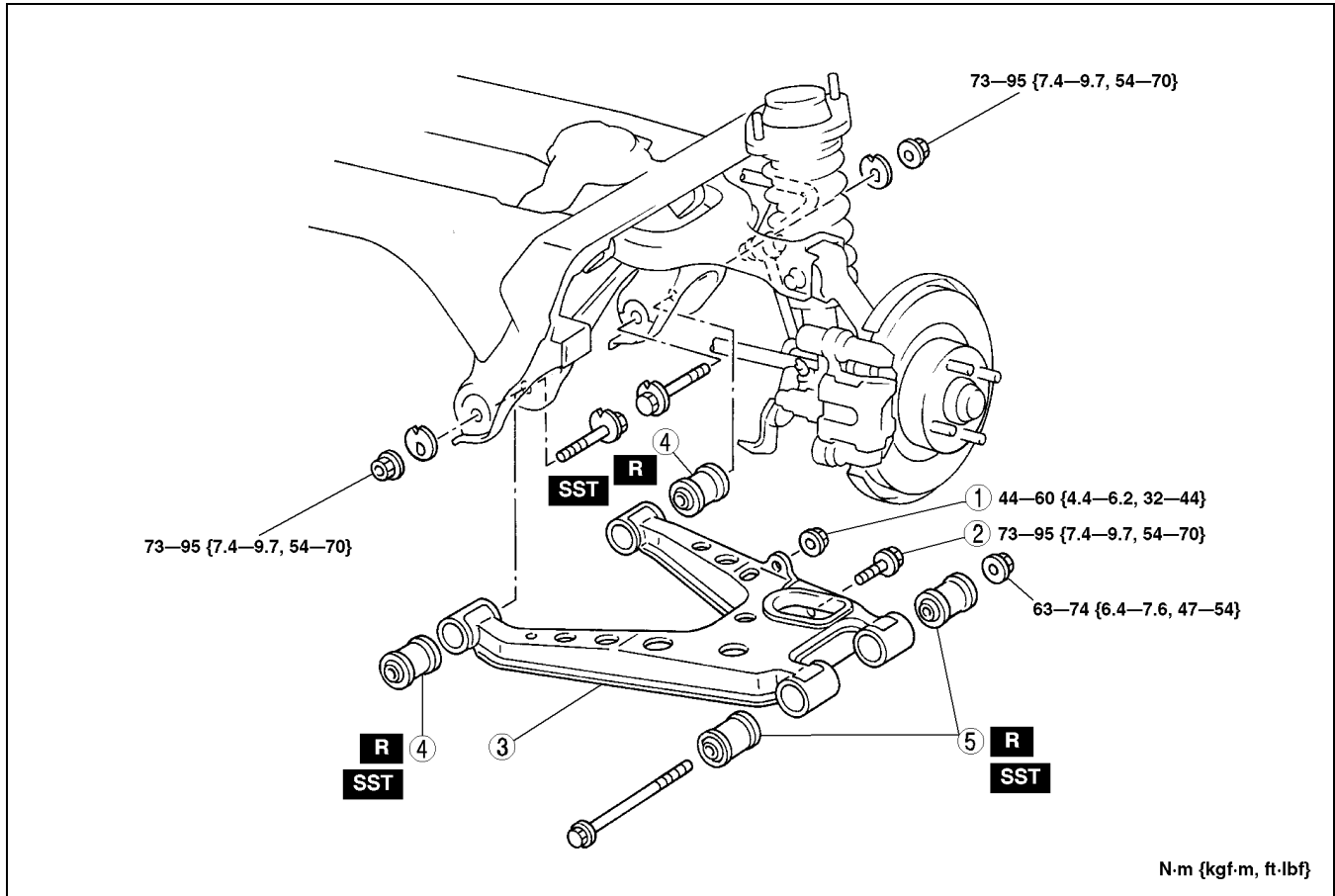
### REAR LOWER ARM REMOVAL/INSTALLATION

A5U021428310W01

#### Caution

- Performing the following procedures without first removing the ABS wheel-speed sensor may possibly cause an open circuit in the harness if it is pulled by mistake. Before performing the following procedures, remove the ABS wheel-speed sensor (axle side) and fix it to an appropriate place where the sensor will not be pulled by mistake while servicing the vehicle.

- Remove in the order indicated in the table.
- Install in the reverse order of removal.
- Inspect the rear wheel alignment.
  - If not as specified, adjust the front wheel alignment. (See 02-11-4 REAR WHEEL ALIGNMENT.)



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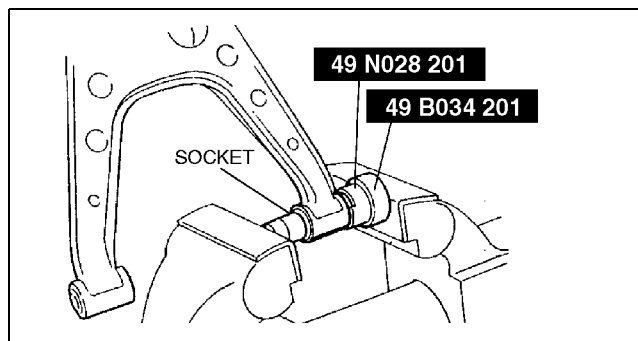
1	Stabilizer control link nut
2	Shock absorber bolt
3	Rear lower arm
4	Lower arm bushing (crossmember side) (See 02-14-5 Lower Arm Bushing (Crossmember Side) Removal Note) (See 02-14-5 Lower Arm Bushing (Crossmember Side) Installation Note)

5	Lower arm bushing (knuckle side) (See 02-14-5 Lower Arm Bushing (Knuckle Side) Removal Note) (See 02-14-5 Lower Arm Bushing (Knuckle Side) Installation Note)
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## REAR SUSPENSION

### Lower Arm Bushing (Crossmember Side) Removal Note

1. Press the lower arm bushing out using the **SSTs** and a socket as shown.

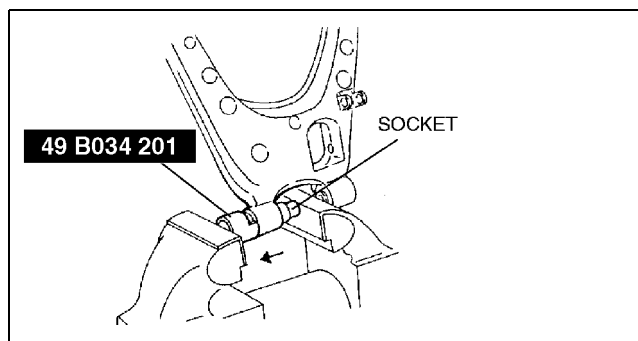


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### Lower Arm Bushing (Knuckle Side) Removal Note

1. Press the lower arm bushing out using the **SST** and a socket as shown.



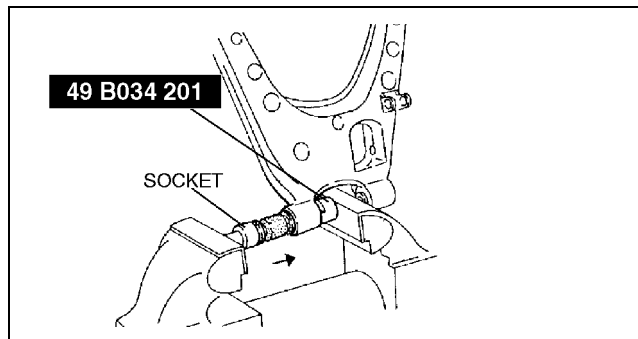
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### Lower Arm Bushing (Knuckle Side) Installation Note

1. Apply soapy water to the lower arm bushing.
2. Press the bushing in using the **SST** and a socket in the direction of the arrow.

#### Caution

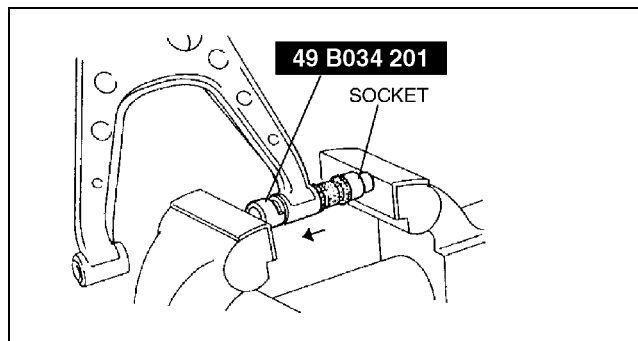
- Install the bushing with the mark to the front.



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### Lower Arm Bushing (Crossmember Side) Installation Note

1. Apply soapy water to the lower arm bushing.
2. Press the bushing in using the **SST** and a socket in the direction of the arrow.



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## REAR SUSPENSION

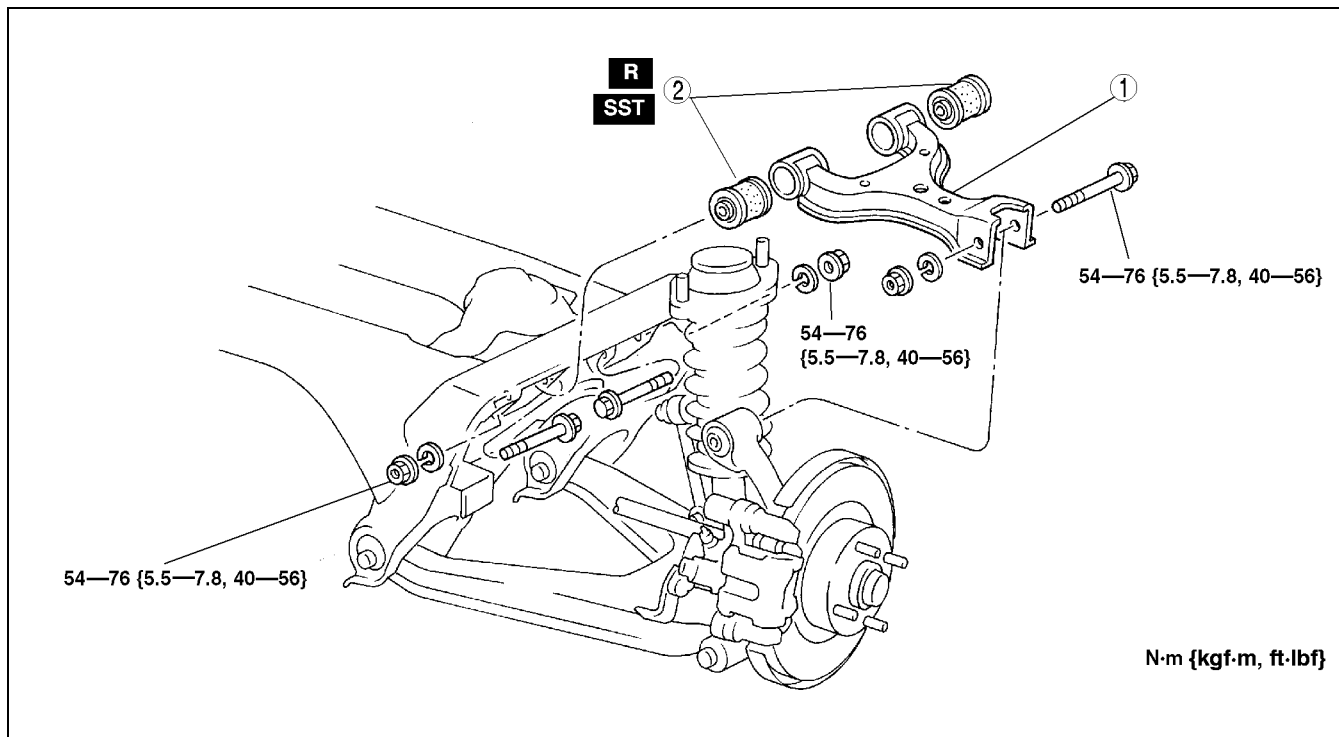
### REAR UPPER ARM REMOVAL/INSTALLATION

A5U021428210W01

#### Caution

- Performing the following procedures without first removing the ABS wheel-speed sensor may possibly cause an open circuit in the harness if it is pulled by mistake. Before performing the following procedures, remove the ABS wheel-speed sensor (axle side) and fix it to an appropriate place where the sensor will not be pulled by mistake while servicing the vehicle.

- Remove in the order indicated in the table.
- Install in the reverse order of removal.
- Inspect the rear wheel alignment.
  - If not as specified, adjust the front wheel alignment. (See 02-11-1 FRONT WHEEL ALIGNMENT.)



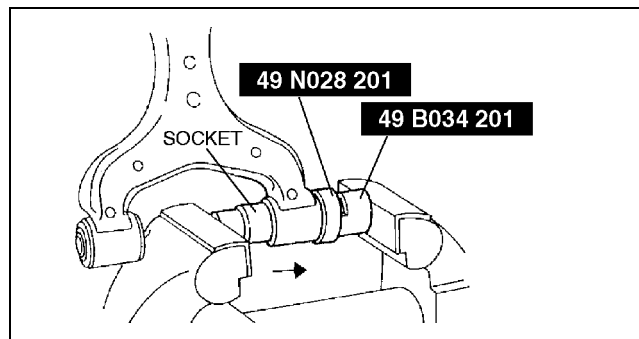
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1	Rear upper arm
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2	Upper arm bushing (See 02-14-6 Upper Arm Bushing Removal Note) (See 02-14-7 Upper Arm Bushing Installation Note)
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#### Upper Arm Bushing Removal Note

- Press the upper arm bushing out using the SSTs and a socket as shown.

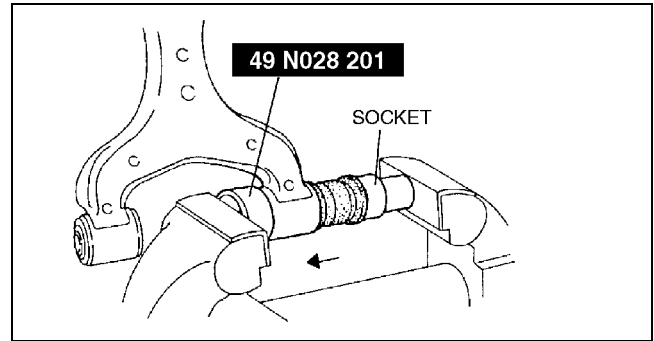


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## REAR SUSPENSION

### Upper Arm Bushing Installation Note

1. Apply soapy water to the upper arm bushing.
2. Press the bushing in using the **SST** and a socket in the direction of the arrow.



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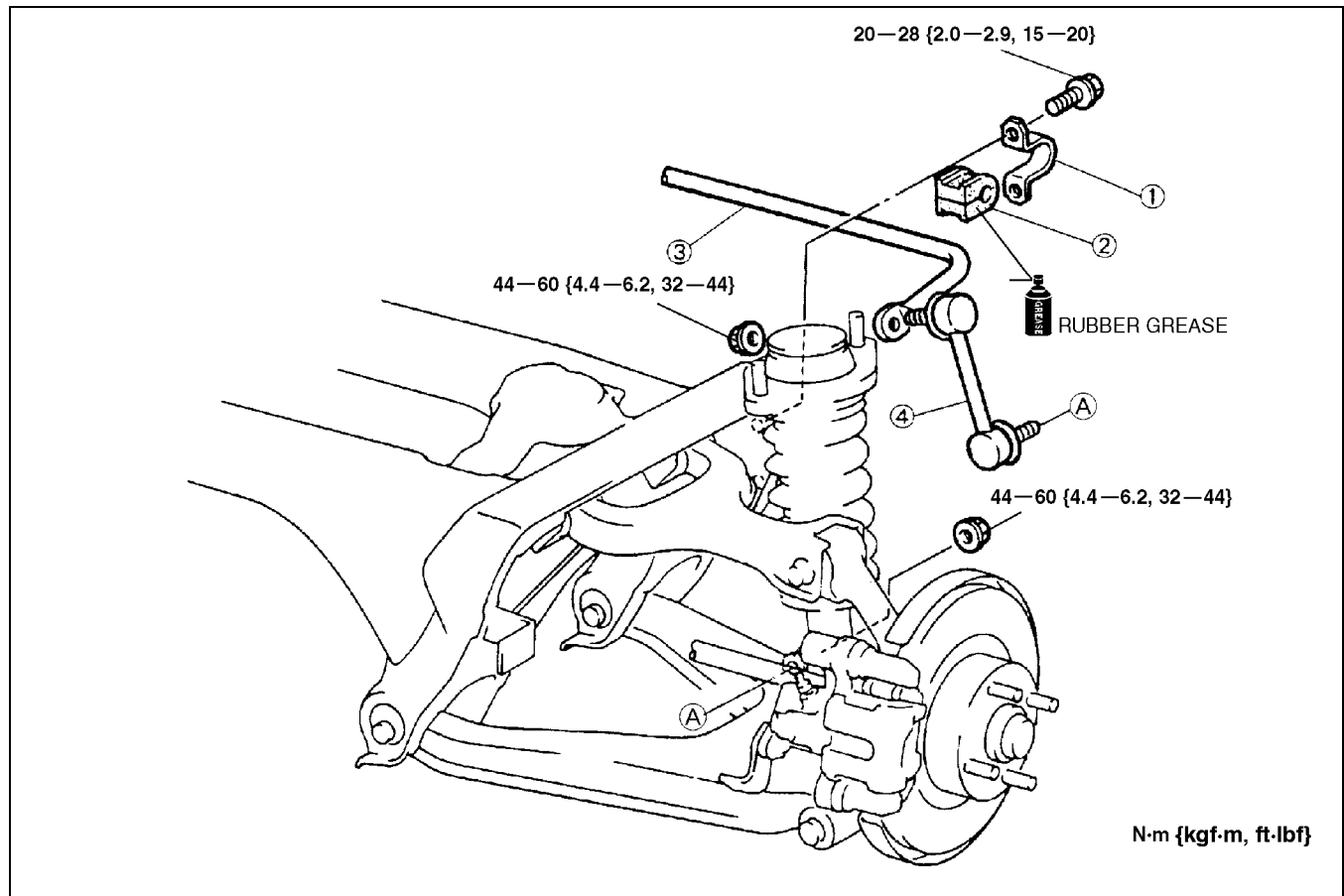
### REAR STABILIZER REMOVAL/INSTALLATION

A5U021428100W01

#### Caution

- Performing the following procedures without first removing the ABS wheel-speed sensor may possibly cause an open circuit in the harness if it is pulled by mistake. Before performing the following procedures, remove the ABS wheel-speed sensor (axle side) and fix it to an appropriate place where the sensor will not be pulled by mistake while servicing the vehicle.

1. Remove in the order indicated in the table.
2. Install in the reverse order of removal.



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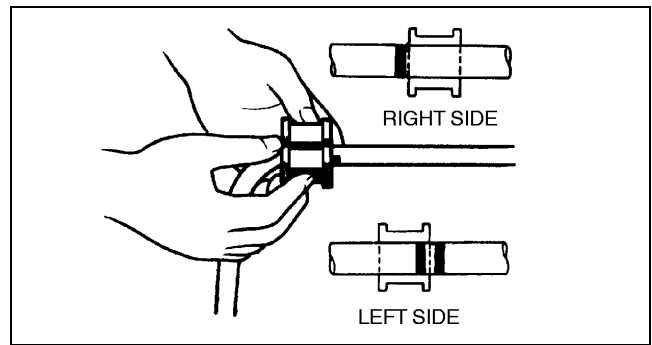
1	Stabilizer bracket
2	Stabilizer bushing (See 02-14-8 Stabilizer Bushing Installation Note)

3	Stabilizer bar
4	Control link

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### Stabilizer Bushing Installation Note

1. Align the bushing with the installation mark on the stabilizer.



U5U21412

### STABILIZER CONTROL LINK INSPECTION

(See 02-13-13 STABILIZER CONTROL LINK INSPECTION.)

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### REAR CROSSMEMBER REMOVAL/INSTALLATION

A5U021428400W01

#### Caution

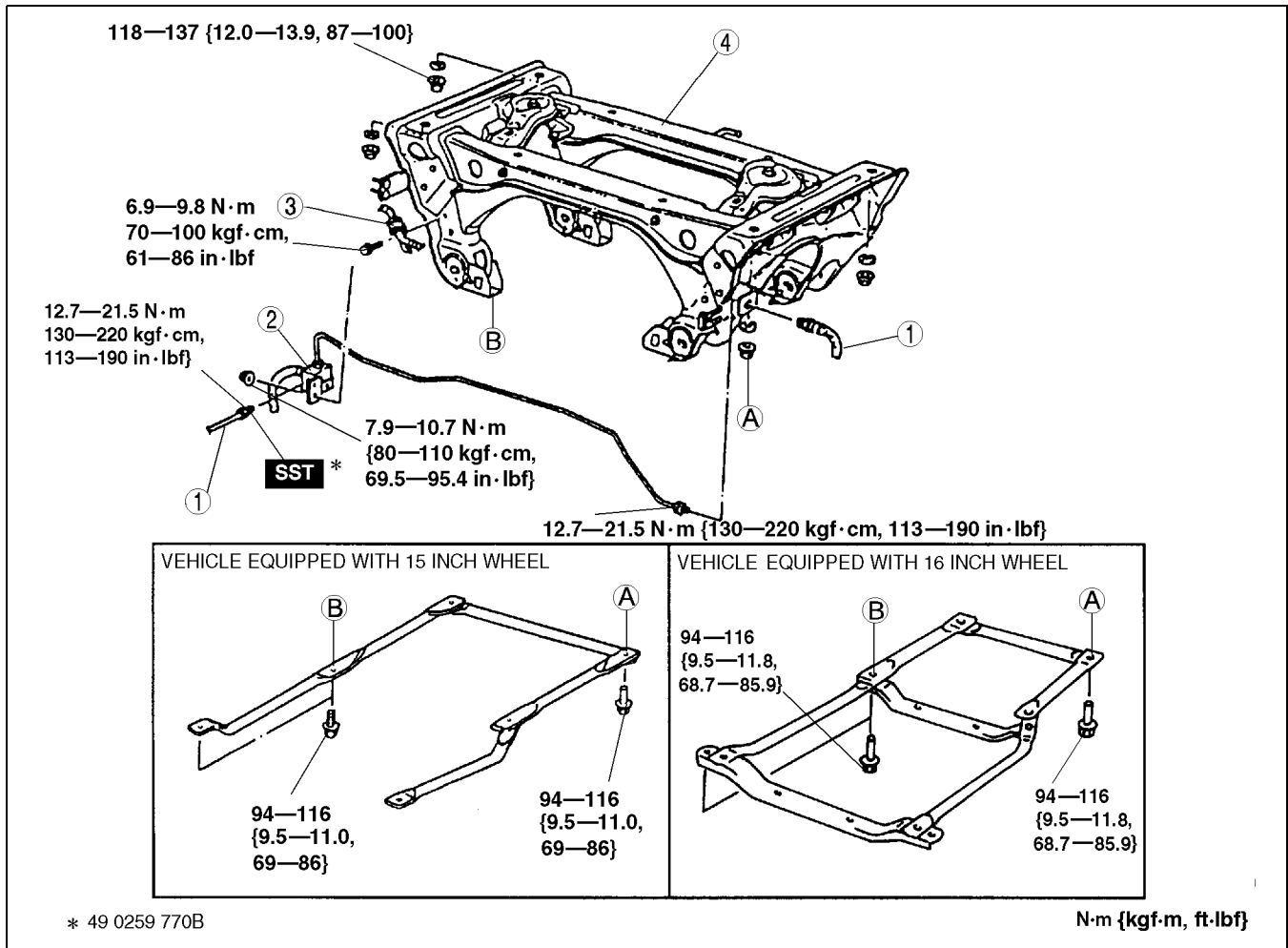
- Performing the following procedures without first removing the ABS wheel-speed sensor may possibly cause an open circuit in the harness if it is pulled by mistake. Before performing the following procedures, remove the ABS wheel-speed sensor (axle side) and fix it to an appropriate place where the sensor will not be pulled by mistake while servicing the vehicle.

1. Disconnect the parking brake cable.
2. Remove the rear crossbar.
3. Remove the differential and the power plant frame. (See 03-14-4 DIFFERENTIAL REMOVAL/INSTALLATION.)
4. Remove the wheel hub and knuckle with the drive shaft. (See 03-12-2 WHEEL HUB, KNUCKLE REMOVAL/INSTALLATION.)
5. Remove the rear lower arm. (See 02-14-4 REAR LOWER ARM REMOVAL/INSTALLATION.)
6. Remove the rear upper arm. (See 02-14-6 REAR UPPER ARM REMOVAL/INSTALLATION.)
7. Remove the rear stabilizer. (See 02-14-7 REAR STABILIZER REMOVAL/INSTALLATION.)
8. Remove in the order indicated in the table.
9. Install in the reverse order of removal.
10. After installation, do the following steps.
  - (1) Adjust the parking brake lever stroke. (See 04-12-1 PARKING BRAKE ADJUSTMENT.)
  - (2) Adjust the rear wheel alignment. (See 02-11-4 REAR WHEEL ALIGNMENT.)



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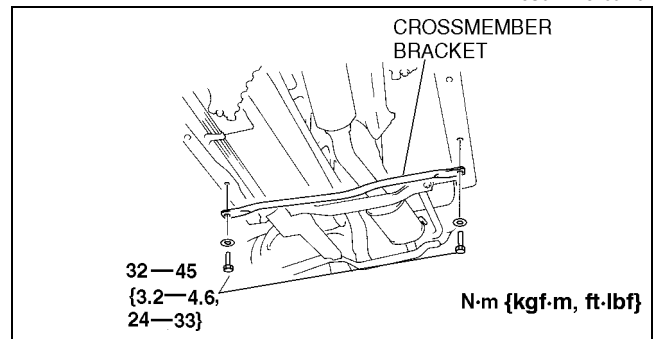
1	Brake pipe and flexible hose
2	Brake pipe and joint

3	Battery cable bracket
4	Rear crossmember

### CROSSMEMBER BRACKET REMOVAL/INSTALLATION

1. Remove the crossmember bracket.
2. Install in the reverse order of removal.

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