

# PARKING BRAKES

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E36AA--

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### WARNING REGARDING SERVICING OF SUPPLEMENTAL RESTRAINT SYSTEM (SRS) EQUIPPED VEHICLES

#### WARNING!

- (1) Improper service or maintenance of any component of the SRS, or any SRS-related component, can lead to personal injury or death to service personnel (from inadvertent firing of the air bag) or to the driver (from rendering the SRS inoperative).
- (2) Service or maintenance of any SRS component or SRS-related component must be performed only at an authorized MITSUBISHI dealer.
- (3) MITSUBISHI dealer personnel must thoroughly review this manual, and especially its GROUP 52B – Supplemental Restraint System (SRS), before beginning any service or maintenance of any component of the SRS or any SRS-related component.

#### NOTE

The SRS includes the following components: SRS diagnosis unit, SRS warning lamp, air bag module, clock spring, and interconnecting wiring. Other SRS-related components (that may have to be removed/installed in connection with SRS service or maintenance) are indicated in the table of contents by an asterisk (\*).

**SPECIFICATIONS****GENERAL SPECIFICATIONS**

E36CA--

Items	Specifications
Type Brake lever type Cable arrangement	Mechanical brake acting on rear wheels Lever type V-type

**SERVICE SPECIFICATIONS**

E36CB--

Items	Specifications
Standard value Parking brake lever stroke	5–7 notches

**LUBRICANTS**

E36CD--

Items	Quantity	Specified lubricants
Backing plate Shoe and lining assembly Adjuster Parking lever pin end	As necessary	Brake grease: SAE J310, NLGI No. 1

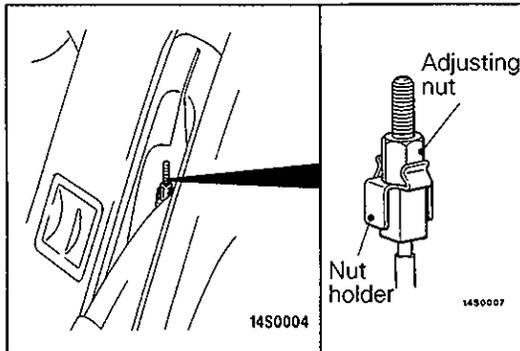
**SERVICE ADJUSTMENT PROCEDURES****PARKING BRAKE LEVER STROKE INSPECTION AND ADJUSTMENT**

E36FAAY

1. Pull the parking brake lever with a force of approx. 200 N (20 kg, 45 lbs.), and count the number of notches.

**Standard value: 5–7 notches**

2. If the parking brake lever stroke is not the standard value, adjust as described below.

**<Vehicles with drum brake>**

- (1) Loosen the adjusting nut at the floor console to release the cable.
- (2) With the engine idling, forcefully depress the brake pedal two or three times and confirm that the pedal stroke stops changing.

**NOTE**

If the pedal stroke stops changing, it indicates that the automatic adjusting mechanism has functioned properly to adjust the clearance between the drum and the shoe to the correct value.

- (3) Rotate the adjusting nut to adjust the parking brake stroke to the standard value. After making adjustment, check to ensure that there is no looseness between the adjusting nut and parking brake lever. Also check that the adjusting nut is securely held at the nut holder.

**Caution**

**If the number of brake lever notches engaged is less than the standard value, the cable has been pulled excessively. Be sure to adjust it to within the standard value.**

- (4) After adjusting the lever stroke, jack up the rear of the vehicle. With the parking brake lever in the released position, turn the rear wheel to confirm that the rear brakes are not dragging.

**<Vehicles with disc brake>**

- (1) Loosen the adjusting nut at the floor console to release the cable.
- (2) With the engine idling, forcefully depress the brake pedal two or three times and confirm that the pedal stroke stops changing.

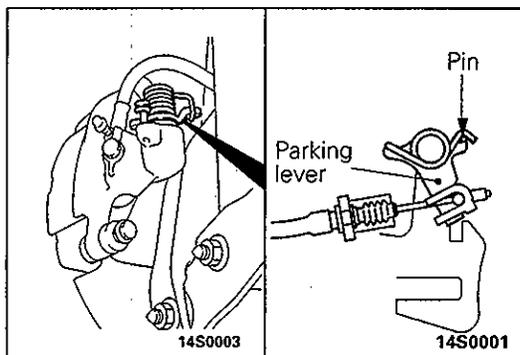
**NOTE**

If the pedal stroke stops changing, it indicates that the automatic adjusting mechanism has functioned properly to adjust the clearance between the pads and the disc to the correct value.

- (3) Check to be sure that the parking lever is touching the pin on the caliper side.

**NOTE**

If the parking lever is not touching the pin, the reason is probably that the parking brake cable is caught, defectively distributed, or there is a defect in the auto adjuster mechanism inside the rear brake caliper, so it is necessary to inspect the parking brake cable and to disassemble and inspect the rear brake caliper.

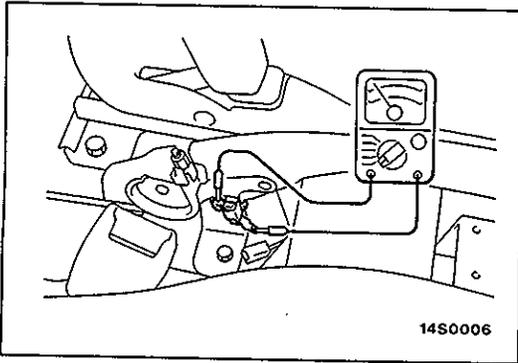


- (4) Rotate the adjusting nut to adjust the parking brake stroke to the standard value. After making adjustment, check to ensure that there is no looseness between the adjusting nut and parking brake lever. Also check that the adjusting nut is securely held at the nut holder.

**Caution**

**If the number of brake lever notches engaged is less than the standard value, the cable has been pulled excessively. Be sure to adjust it to within the standard value.**

- (5) After adjusting the lever stroke, jack up the rear of the vehicle. With the parking brake lever in the released position, turn the rear wheel to confirm that the rear brakes are not dragging, and that the parking lever is touching the pin on the caliper side.



**PARKING BRAKE SWITCH CHECK**

E36FCAH

Check the continuity between the parking brake switch terminal and the switch mounting bolt.

When the brake lever is pulled	Continuity
When the brake lever is released	No continuity

**PARKING BRAKE LEVER  
REMOVAL AND INSTALLATION**

E36GA-

**Pre-removal Operation**

- Removal of Floor Console (Refer to GROUP 52A – Floor Console)
- Removal of Rear Seat (Refer to GROUP 52A – Seat)

**Post-installation Operation**

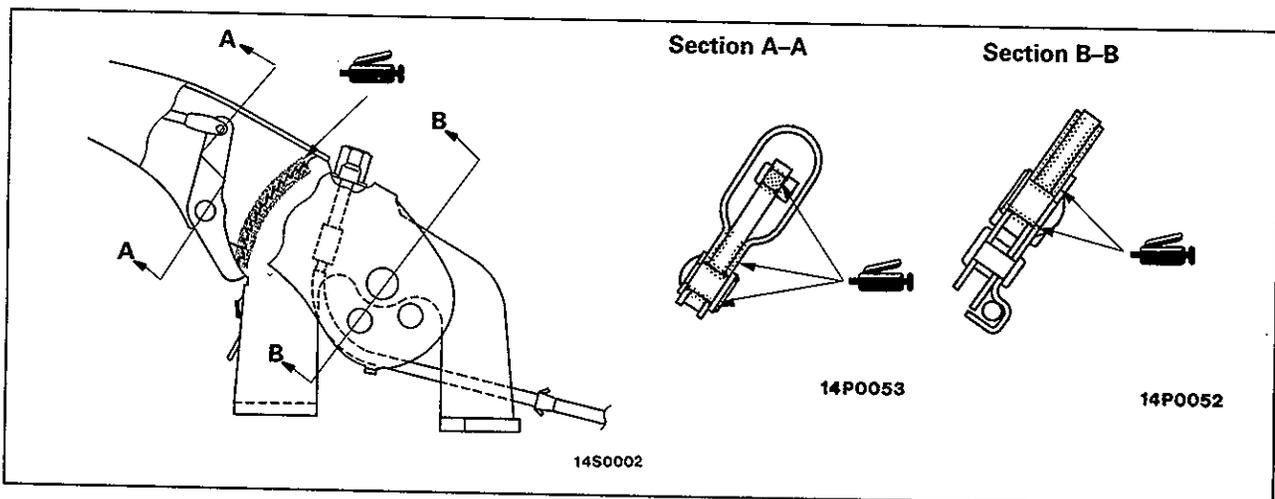
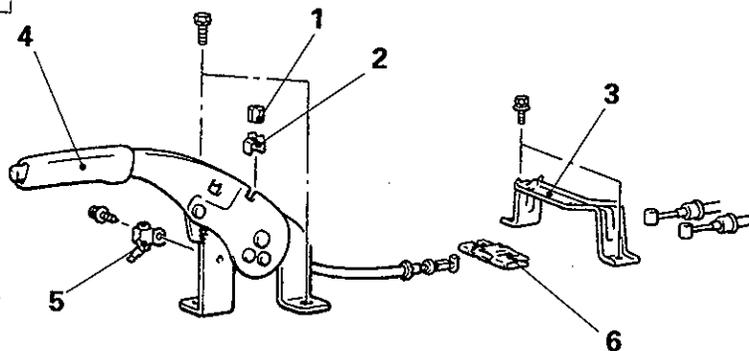
- Parking Brake Lever Stroke Adjustment (Refer to P.36-3.)
- Installation of Floor Console (Refer to GROUP 52A – Floor Console)
- Installation of Rear Seat (Refer to GROUP 52A – Seat)

**Caution: SRS**

1. When removing and installing the floor console in vehicles equipped with SRS, do not let it bump against the SRS diagnostic unit or other components.
2. Before removal of SRS diagnosis unit, refer to GROUP 52B – SRS Diagnosis Unit.

**Removal steps**

1. Adjusting nut
2. Nut holder
3. Bracket
4. Parking brake lever assembly
5. Parking brake switch
6. Cable equalizer



## PARKING BRAKE CABLE

## REMOVAL AND INSTALLATION

&lt;HATCHBACK, SEDAN&gt;

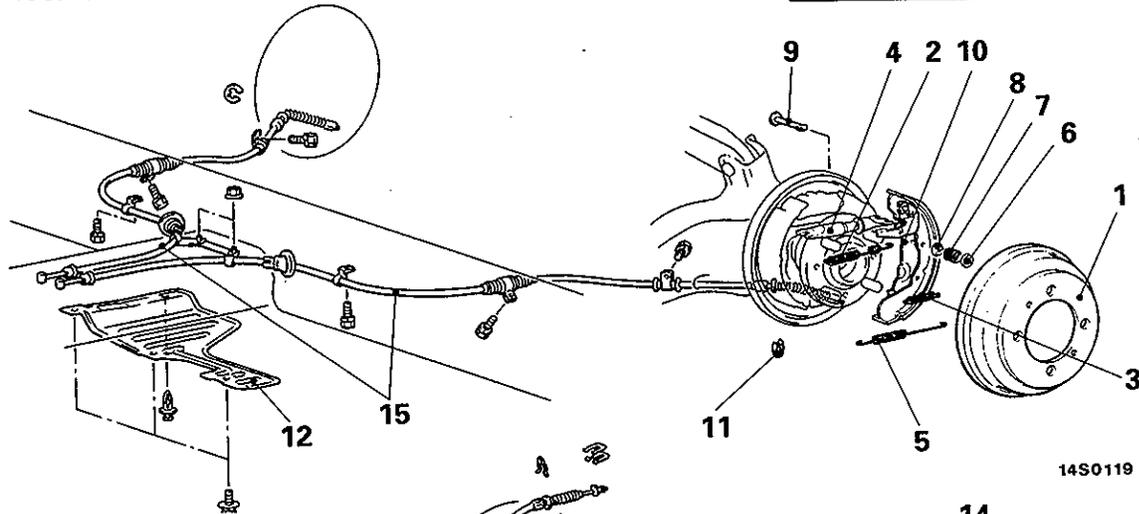
**Pre-removal Operation**

- Removal of Floor Console (Refer to GROUP 52A - Floor Console.)
- Removal of Rear Seat (Refer to GROUP 52A - Seat.)

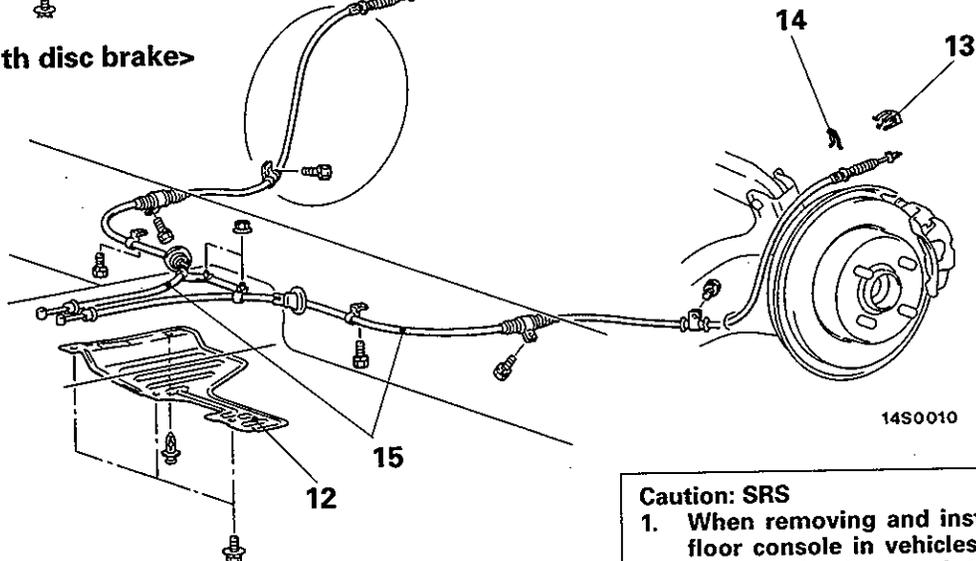
**Post-installation Operation**

- Parking Brake Lever Stroke Adjustment (Refer to P.36-3.)
- Installation of Floor Console (Refer to GROUP 52A - Floor Console.)
- Installation of Rear Seat (Refer to GROUP 52A - Seat.)

## &lt;Vehicles with drum brake&gt;



## &lt;Vehicles with disc brake&gt;

**Removal steps <Vehicles with drum brake>**

1. Brake drum
2. Shoe-to-lever spring
3. Retainer spring
4. Adjuster assembly
5. Shoe-to-shoe spring
6. Shoe hold-down cup
7. Shoe hold-down spring
8. Shoe hold-down cup <4WD>
9. Shoe hold-down pin
10. Shoe and lining and lever assembly
11. Snap ring
12. Rear floor cover R.H.<1600, 1800 (Hatchback)>

15. Parking brake cable

**Removal steps <Vehicles with disc brake>**

12. Rear floor cover R.H.
13. Cable retainer
14. Parking clip
15. Parking brake cable

**Caution: SRS**

1. When removing and installing the floor console in vehicles equipped with SRS, do not let it bump against the SRS diagnostic unit or other components.
2. Before removal of SRS diagnosis unit, refer to GROUP 52B - SRS Diagnosis Unit.

<WAGON>

**Caution: SRS**

1. When removing and installing the floor console in vehicles equipped with SRS, do not let it bump against the SRS diagnostic unit or other components.
2. Before removal of SRS diagnosis unit, refer to GROUP 52B – SRS Diagnosis Unit.

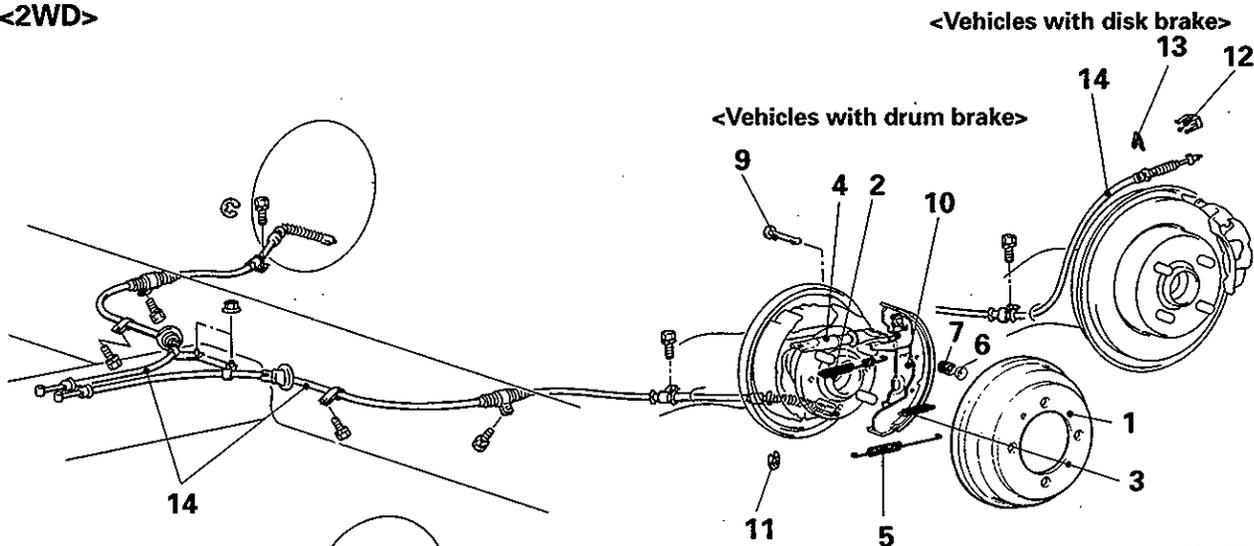
**Pre-removal Operation**

- Removal of Floor Console (Refer to GROUP 52A – Floor Console.)
- Removal of Rear Seat (Refer to GROUP 52A – Seat.)

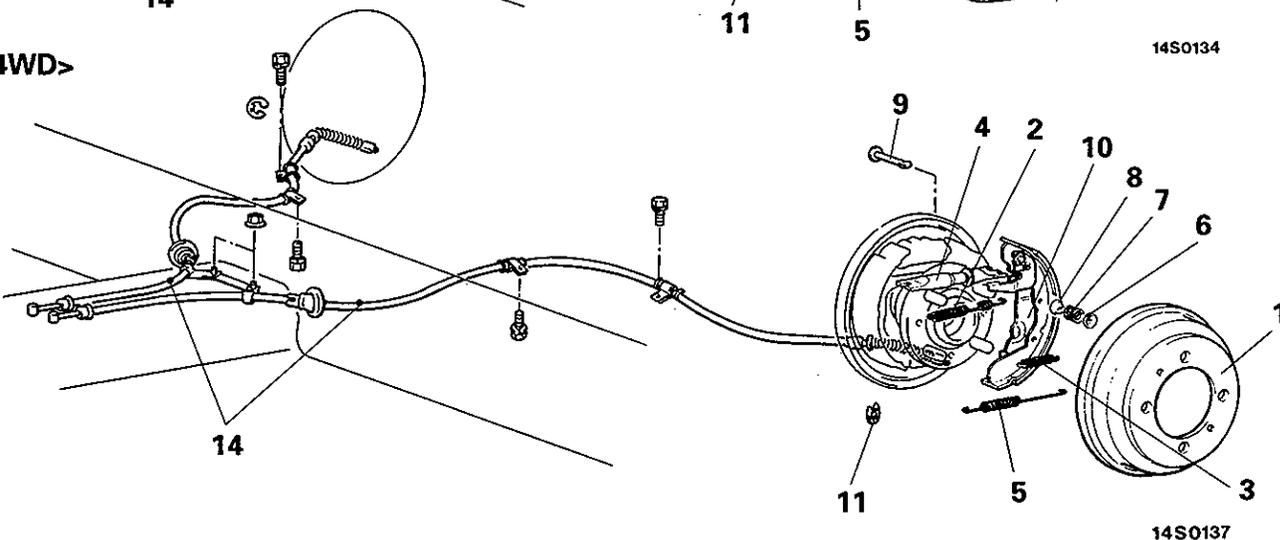
**Post-installation Operation**

- Parking Brake Lever Stroke Adjustment (Refer to P.36-3.)
- Installation of Floor Console (Refer to GROUP 52A – Floor Console.)
- Installation of Rear Seat (Refer to GROUP 52A – Seat.)

<2WD>



<4WD>



**Removal steps <Vehicles with drum brake>**

1. Brake drum
2. Shoe-to-lever spring
3. Retainer spring
4. Adjuster assembly
5. Shoe-to-shoe spring
6. Shoe hold-down cup
7. Shoe hold-down spring
8. Shoe hold-down cup <4WD>
9. Shoe hold-down pin

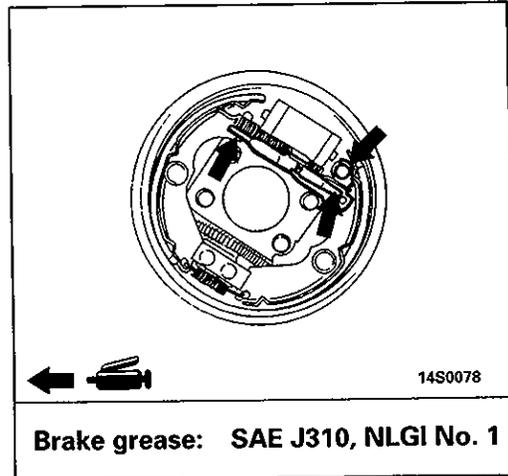
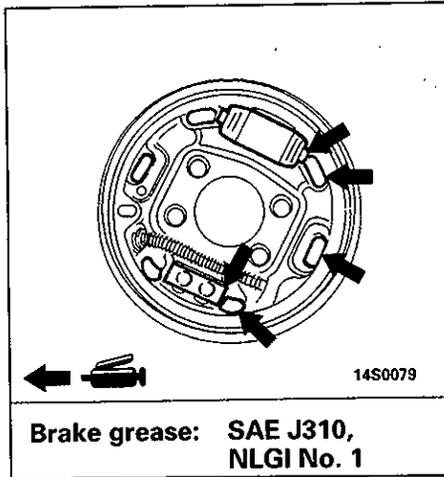
10. Shoe and lining and lever assembly
11. Snap ring
14. Parking brake cable

**Removal steps <Vehicles with disc brake>**

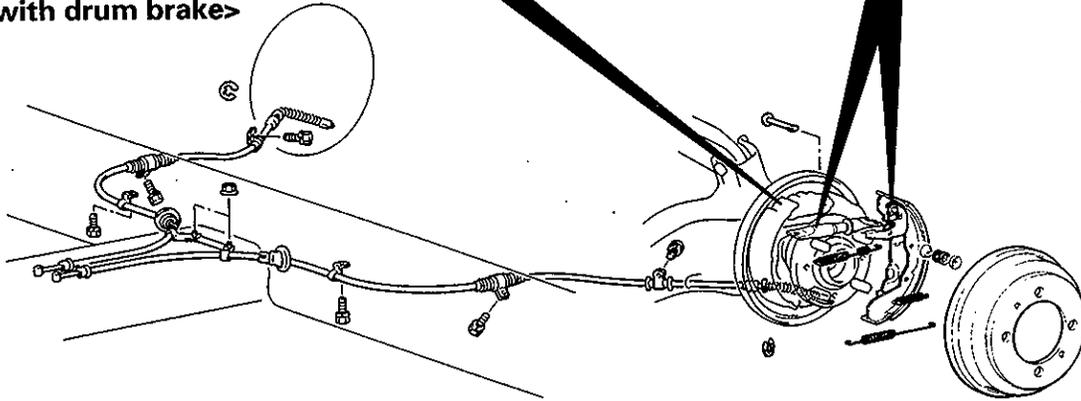
12. Cable retainer
13. Parking clip
14. Parking brake cable

NOTES

LUBRICATION POINTS



<Vehicles with drum brake>



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**NOTES**