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# PARKING BRAKES

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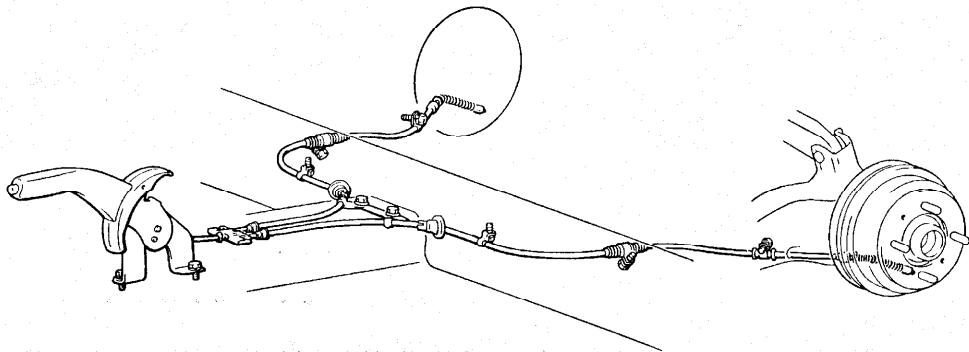
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## GENERAL INFORMATION

36100010103

The parking brake is of a mechanical rear-wheel brake construction in all vehicles.

## CONSTRUCTION DIAGRAM



14M0091

## SERVICE SPECIFICATIONS

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Item	Standard value
Parking brake lever stroke [Operation force: Approx. 196N (44 lbs.)]	5-7 notches

## LUBRICANTS

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Items	Specified Lubricant
Rear brake shoe and backing plate contact surfaces	Brake grease SAE J310, NLGI No.1
Shoe assembly and auto adjuster assembly contact surfaces	
Shoe and lever assembly and auto adjuster assembly contact surfaces	

## TROUBLESHOOTING

36100070071

Symptom	Probable cause	Remedy
Brake drag	Incomplete release of parking brake	Correct
	Incorrect parking brake adjustment	Adjust
Insufficient parking brake function	Worn brake lining	Replace
	Grease or oil on lining surface	Replace
	Parking brake cable sticking	Replace
	Stuck wheel cylinder	Replace
	Excessive parking brake lever stroke	Adjust the parking brake lever stroke or check the parking brake cable routing
	Auto adjuster malfunction	Replace

**ON-VEHICLE SERVICE****PARKING BRAKE LEVER STROKE CHECK**

1. Pull the parking brake lever with a force of approx. 196 N (44 lbs.) and count the number of notches.

**Caution**

The 196 N (44 lbs.) force of the parking brake lever must be strictly observed.

**Standard value:**

5-7 notches [Operation force: Approx. 196 N (44 lbs.)]

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

- (1) Loosen the adjusting nut to the end of the cable rod, thus freeing the parking brake cable.
- (2) With the engine idling, forcefully depress the brake pedal five or six times and confirm that the pedal stroke stops changing.

**NOTE**

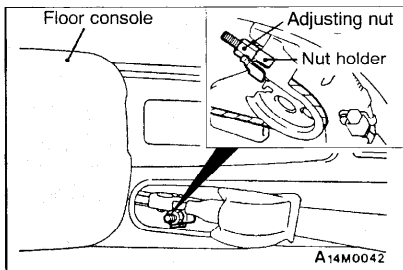
If the pedal stroke stops changing, the automatic-adjustment mechanism is functioning normally, and the clearance between the shoe and drum is correct.

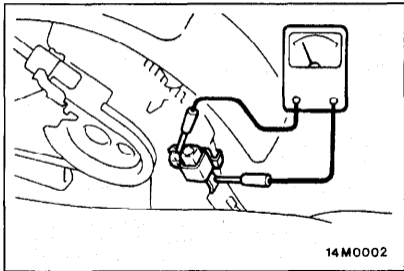
- (3) Turn the adjusting nut to adjust the parking brake lever stroke to the standard value. After adjusting, check that there is no space between the adjusting nut and the parking brake lever. Check that the adjusting nut is also securely held by the nut holder.

**Caution**

If the parking brake lever stroke is below the standard value and the braking is too firm, the rear brakes may drag.

- (4) After adjusting the parking brake lever stroke, jack up the rear of the vehicle. Release the parking brake and turn the rear wheels to check that the rear brakes are not dragging.





## PARKING BRAKE SWITCH CHECK

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1. Remove the floor console. (Refer to GROUP 52A.)
2. Check for continuity between the parking brake switch terminal and the switch mounting bolt.

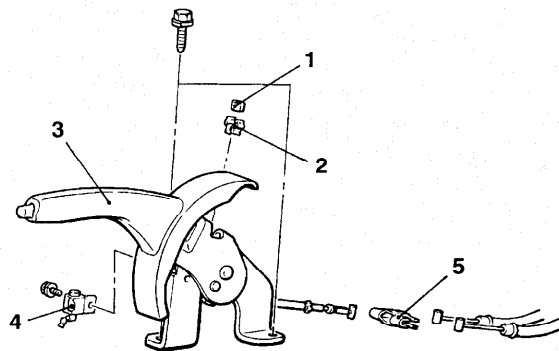
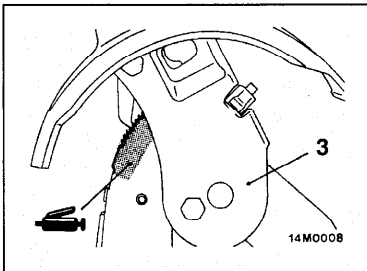
When parking brake lever is pulled	Continuity
When parking brake lever is released	No continuity

**PARKING BRAKE LEVER****REMOVAL AND INSTALLATION****Pre-removal Operation**

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

**Post-installation Operation**

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



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**Removal steps**

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

# PARKING BRAKE CABLE

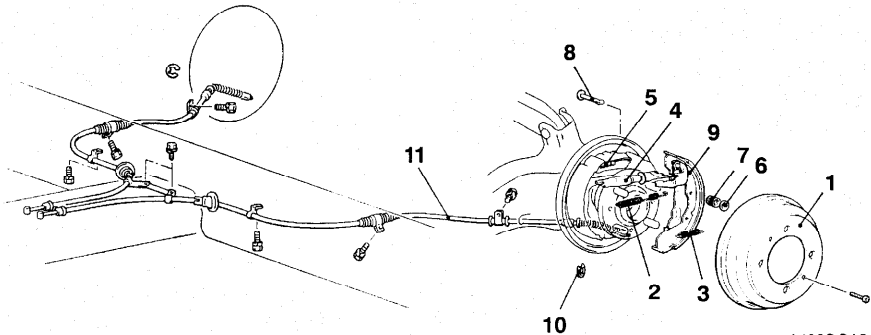
## REMOVAL AND INSTALLATION

### Pre-removal Operation

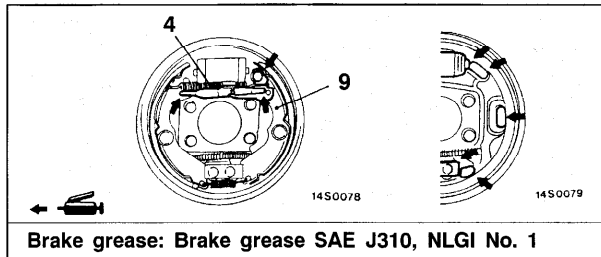
- (1) Floor Console Removal (Refer to GROUP 52A.)
- (2) Rear Seat Removal (Refer to GROUP 52A.)

### Post-installation Operation

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



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**Brake grease: Brake grease SAE J310, NLGI No. 1**

### Removal steps

1. Rear brake drum
2. Shoe-to-lever spring
3. Retainer spring
4. Auto adjuster assembly
5. Shoe-to-shoe spring
6. Shoe hold-down cup
7. Shoe hold-down spring
8. Shoe hold-down pin
9. Shoe and lining assembly
10. Clip
11. Parking brake cable