

EXTERIOR

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110003255

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SERVICE SPECIFICATIONS

110003256

Items		Standard value
Windshield wiper blade installation position mm (in.)	Driver's side	20– 30 (.79– 1.18)
	Passenger's side	15– 25 (.59– .98)



SEALANTS

110003257

Items	Specified sealant
Side protector molding	3M ATD Part No. 6383 or equivalent

SPECIAL TOOLS

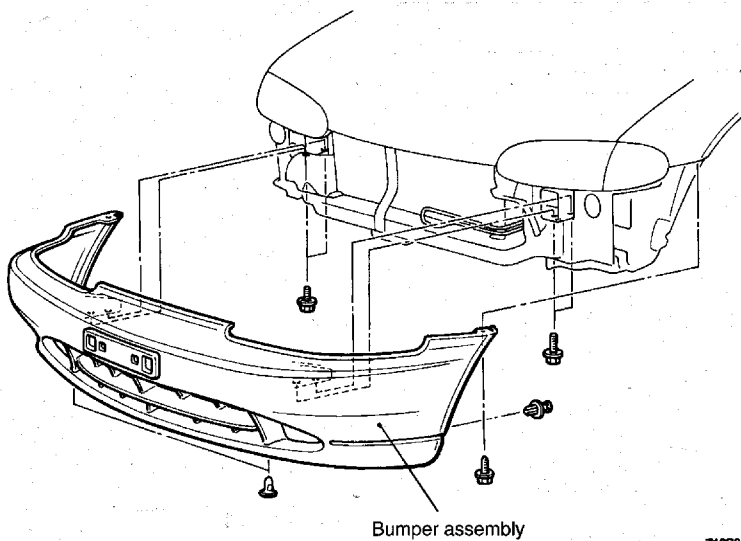
110003258

Tool	Tool number and name	Supersession	Application
	MB990784 Ornament remover	General service tool	Removal of switch, trim, etc.
	MB990449 Window molding remover	General service tool	Removal of the window molding

FRONT BUMPER

110003259

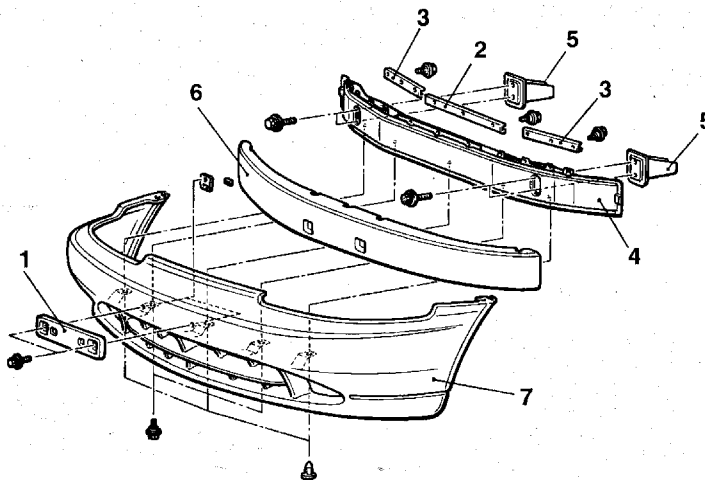
REMOVAL AND INSTALLATION



Z18S0400

DISASSEMBLY AND REASSEMBLY

110003260



Z18S0401

Disassembly steps

1. License plate garnish
2. Upper center plate
3. Upper side plate

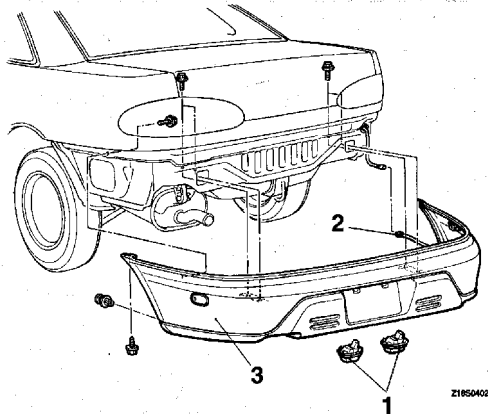
4. Bumper reinforcement
5. Bumper stay
6. Bumper core
7. Bumper face

REAR BUMPER

REMOVAL AND INSTALLATION

Pre-removal and Post-installation Operation

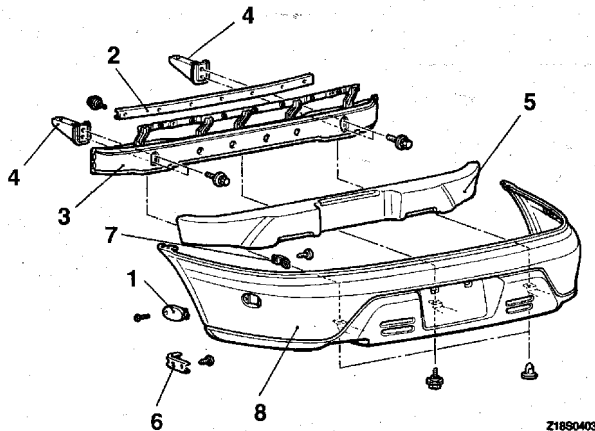
- Trunk Side Trim Removal and Installation
(Refer to GROUP 52A – Trims.)



Removal steps

1. License plate light <2-door models>
2. Harness connector
3. Bumper assembly

DISASSEMBLY AND REASSEMBLY



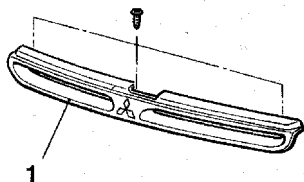
Disassembly steps

1. Rear side marker light
2. Upper plate
3. Bumper reinforcement
4. Bumper stay
5. Bumper core
6. Side support bracket
7. Side bracket
8. Bumper face

110003263

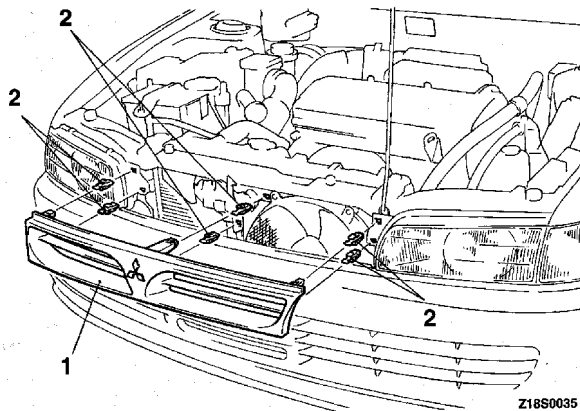
RADIATOR GRILLE**REMOVAL AND INSTALLATION**

<2-door models>



Z18S0399

<4-door models>



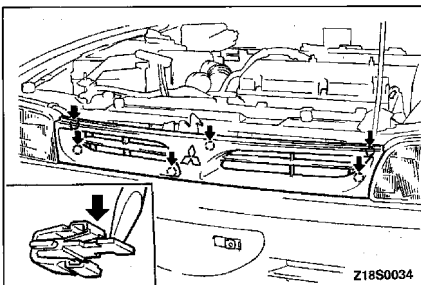
Z18S0035

Removal steps

1. Radiator grille
2. Clip

REMOVAL SERVICE POINT**◀A▶ RADIATOR GRILLE REMOVAL <4-door models>**

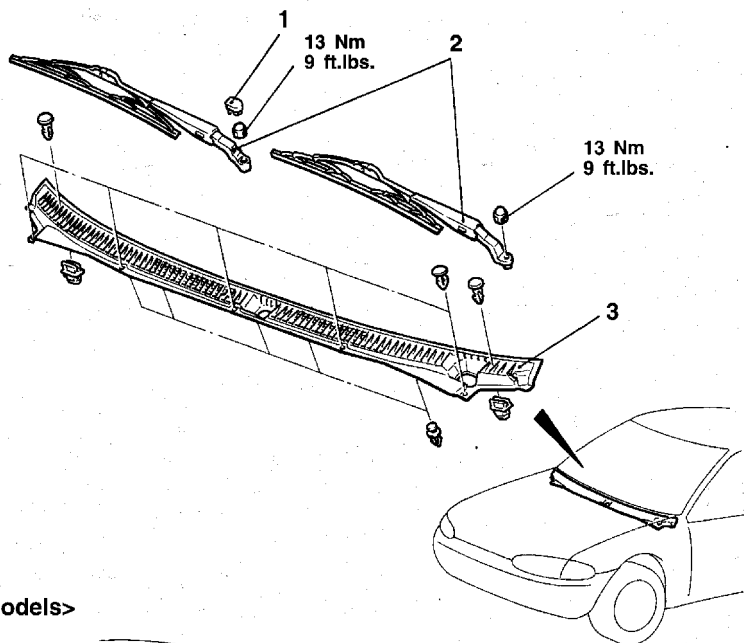
While pulling the radiator grille lightly toward you, push the clip tabs in the direction of the arrow with a standard screwdriver to remove the radiator grille.



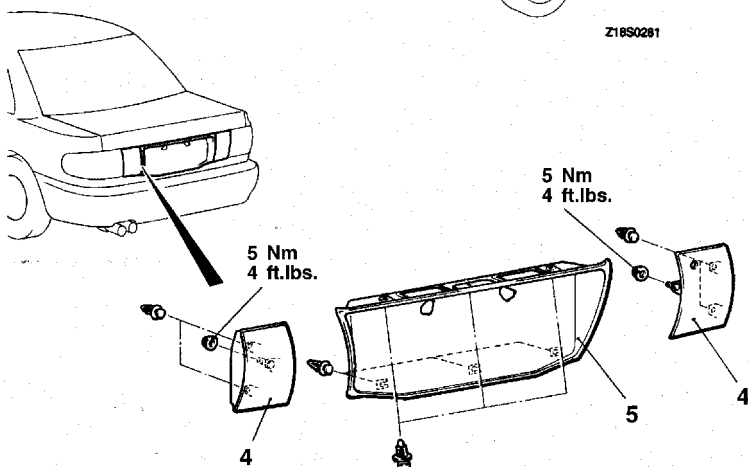
Z18S0034

GARNISHES

REMOVAL AND INSTALLATION



<4-door models>



Front deck garnish removal steps

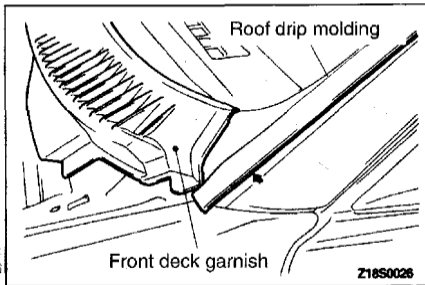
1. Shaft cover
2. Wiper arm and blade assembly
3. Front deck garnish

Rear panel garnish removal steps

4. Rear panel side garnish
5. Rear panel center garnish

Z18S0013

Z18S0281



REMOVAL SERVICE POINT

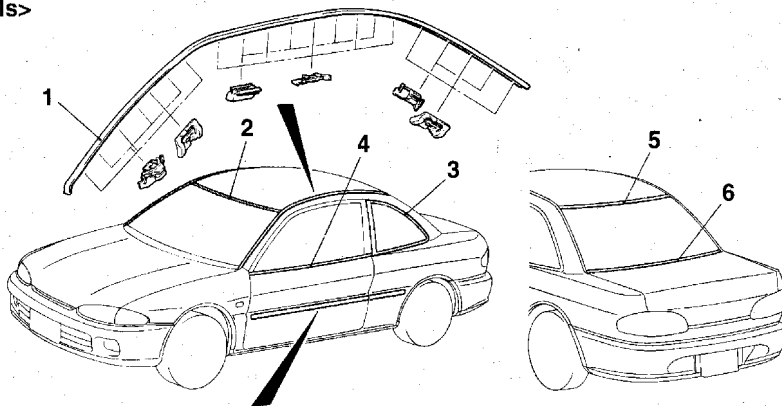
◀A▶ FRONT DECK GARNISH REMOVAL

After raising the end of the roof drip molding slightly, remove the front deck garnish.

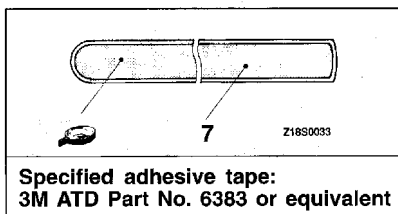
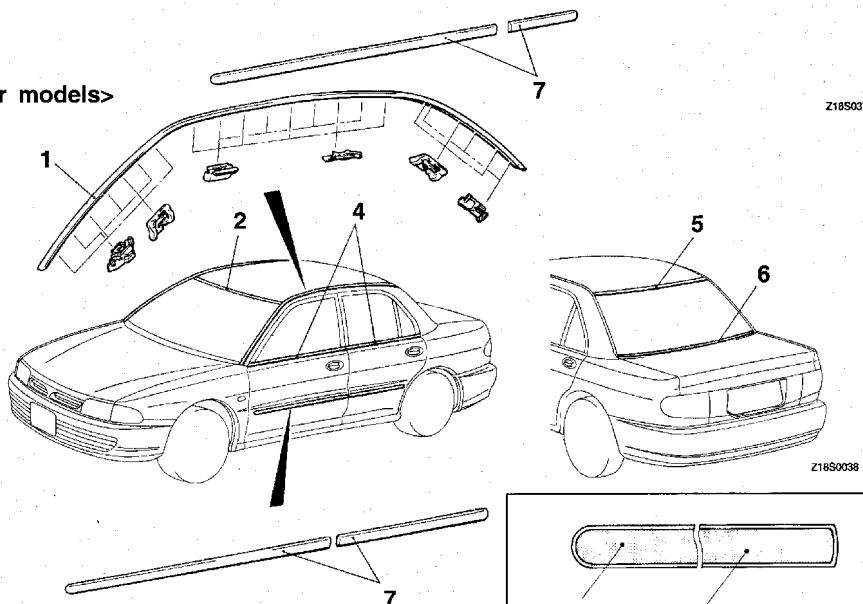
MOLDINGS

REMOVAL AND INSTALLATION

<2-door models>



<4-door models>

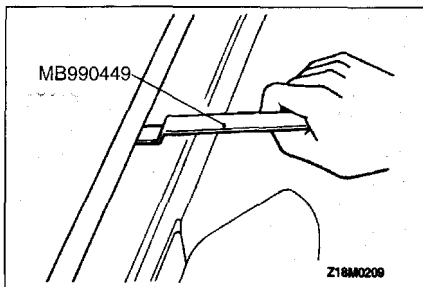


00001191

Removal steps

- ◀A▶ ▶B▶
1. Roof drip molding
 2. Windshield upper molding (Refer to GROUP 42 – Windshield.)
 3. Quarter window molding (Refer to GROUP 42 – Quarter Window Glass.)
 4. Belt line molding (Refer to GROUP 42 – Window Glass Runchannel and Door Opening Weatherstrip.)

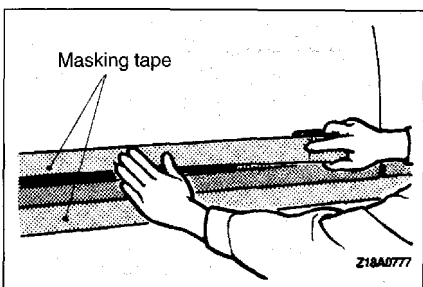
5. Rear window upper molding (Refer to GROUP 42 – Rear Window Glass.)
 6. Rear window lower molding (Refer to GROUP 42 – Rear Window Glass.)
 7. Side protector molding
- ◀B▶ ▶A▶

**REMOVAL SERVICE POINTS****◀A▶ ROOF DRIP MOLDING REMOVAL**

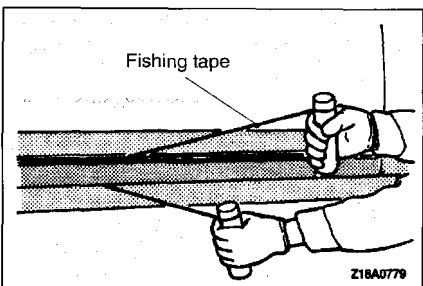
Use the special tool to lever out the molding.

Caution

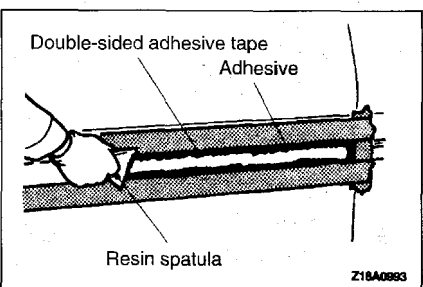
If the molding has become warped, it should not be reused.

**◀B▶ SIDE PROTECTOR MOLDING REMOVAL**

(1) Apply masking tape to the outside circumference of the side protector molding.

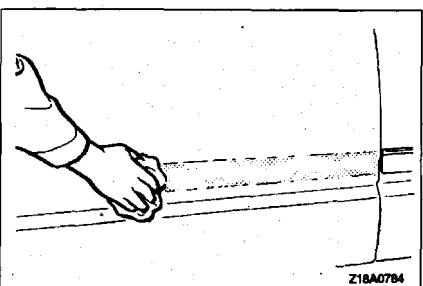


(2) Insert fishing line (φ0.8 mm [.03 in.]) in between the body and the side protector molding, and pull both ends alternately to cut the adhesive section and remove the side protector molding.



(3) Scrape off the double-sided adhesive tape with a resin spatula.

(4) Tear off the masking tape.



(5) Wipe the body surface clean with a rag moistened with degreaser (3M ATD Part No. 8906 or equivalent).

INSTALLATION SERVICE POINTS

▶◀SIDE PROTECTOR MOLDING INSTALLATION

Affixing the both-sided tape to the side protector molding (when reusing)

- (1) Scrape off the double-sided adhesive tape with a resin spatula or gasket scraper.

- (2) Wipe the body surface clean with a rag moistened with degreaser (3M ATD Part No. 8906 or equivalent).

- (3) Heat the adhesive surface of the both-side tape on the side protector molding to about 40–60°C (104–140°F).
- (4) Affix the specified double-sided adhesive tape to the side protector molding.

Specified adhesive tape:

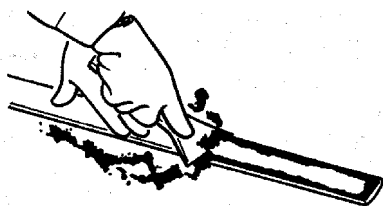
3M ATD Part No. 6383 or equivalent

Side protector molding installation

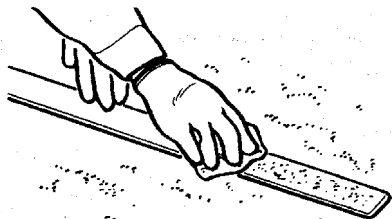
- (1) Tear off the double-sided tape backing paper.

NOTE

If you attach the adhesive tape to the edge of the backing paper, it will be easy to tear off.



Z18A0994

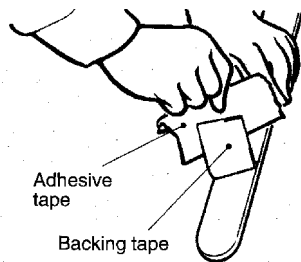


Z18A0788



Double-side tape

Y18S0033



Adhesive tape

Backing tape

Z18S0089

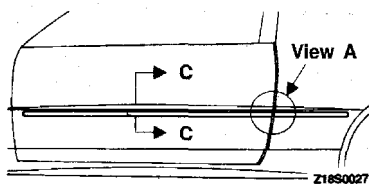
- (2) Install the side protector molding in the place shown in the illustration.

NOTE

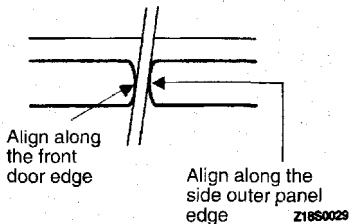
If the double-sided adhesive tape is difficult to affix during winter, etc., warm the bonding surfaces of the body and the side protector molding to about 40–60°C (104–140°F) before affixing the tape.

- (3) Firmly press in the side protector molding.

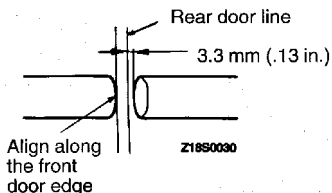
<2-door models>



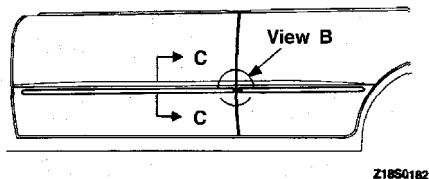
View A



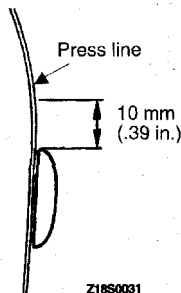
View B



<4-door models>



Section C-C



►B◄ ROOF DRIP MOLDING INSTALLATION

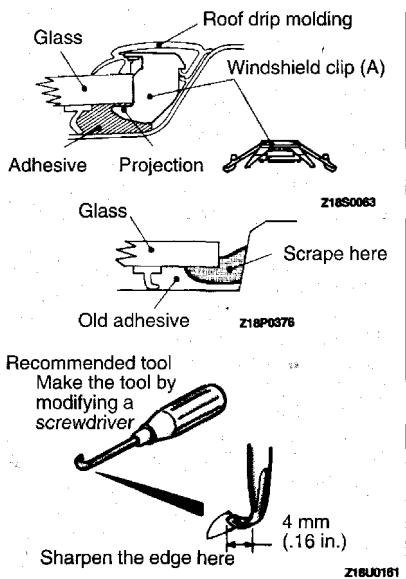
- (1) When installing the roof drip molding to the windshield and the rear window glass, make a special tool like the one shown in the illustration to scrape away the old adhesive at the windshield clip (A) installation position.
- (2) Apply primer, and then apply new adhesive to install the molding.

NOTE

- (1) At clip locations other than clip (A), the molding and the clip tabs fit together, and at the location of clip (A), the clip is securely pressed in so that the projection catches at the glass as shown in the illustration.
- (2) If the windshield clip studs have been damaged, repair them. (Refer to GROUP 42 – Windshield.)

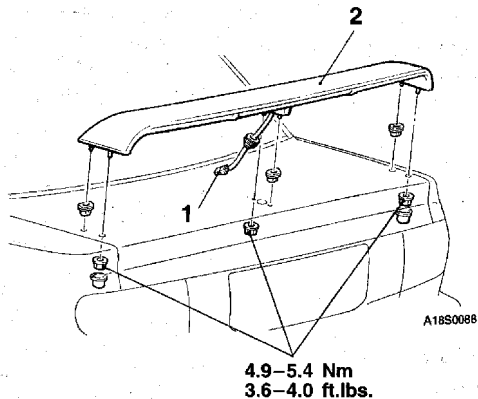
Caution

Be careful not to damage the glass and body.



AERO PARTS

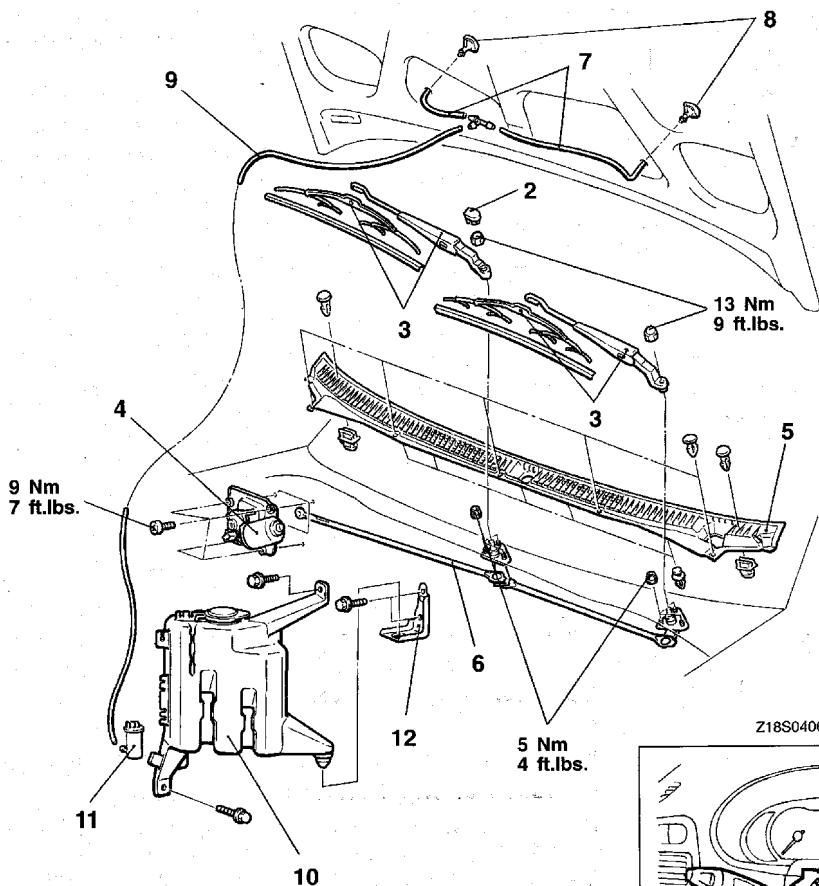
REMOVAL AND INSTALLATION

**Removal steps**

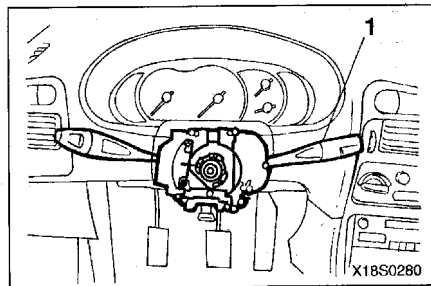
1. Harness connector
2. Rear spoiler assembly

WINDSHIELD WIPER AND WASHER

REMOVAL AND INSTALLATION



Z18S0406

**Column switch removal**

1. Column switch (with built-in wiper and washer switch, and wiper relay)
(Refer to GROUP 54 - Column Switch.)

Wiper motor and linkage removal steps

2. Shaft cover
3. Wiper arm and blade assembly
4. Wiper motor
5. Front deck garnish
6. Linkage

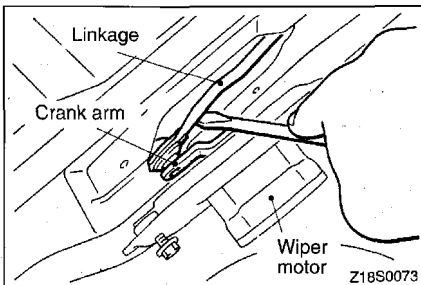
Washer nozzle removal steps

7. Washer hose
8. Washer nozzle

Washer tank removal steps

9. Washer hose
 - Draining of washer fluid
 - Air intake duct, volume air flow sensor and air cleaner cover assembly
(Refer to GROUP 15 - Air Cleaner.)
10. Washer tank
11. Washer motor
12. Washer tank bracket





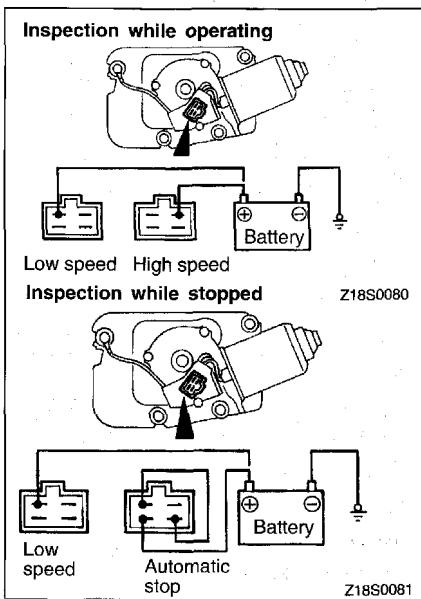
REMOVAL SERVICE POINT

◀A▶ WIPER MOTOR REMOVAL

Loosen the wiper motor assembly mounting bolts, and then remove the wiper motor assembly. Disconnect the linkage and the motor assembly, and then remove the linkage.

Caution

Because the installation angle of the crank arm and the motor has been set, do not remove them unless it is necessary to do so. If they must be removed, remove them only after marking their mounting positions.



INSPECTION

WIPER MOTOR

Check the wiper motor after disconnecting the wiring harness connector, and with the wiper motor remaining installed to the body.

Operation of Wiper Motor at Low Speed and High Speed

Connect a battery to the wiper motor as shown in the illustration and inspect motor operation at low speed and high speed.

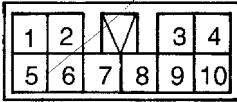
Operation of Wiper Motor at Stop Position

- (1) Run the wiper motor at low speed, disconnect the battery, and stop the motor.
- (2) Reconnect the battery as shown in the illustration, and confirm that after the motor starts turning at low speed, it stops at the automatic stop position.

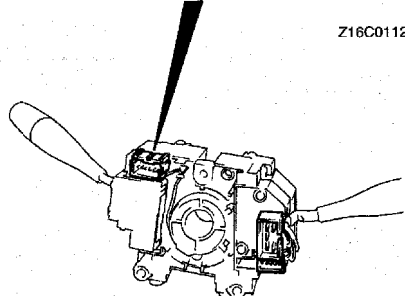
COLUMN SWITCH

Wiper and Washer Switch

Operate switch and check for continuity between terminals.



Z16C0112



Y16S0315

Switch position		Terminal No.				
		5	6	7	8	9
Wiper switch	OFF		○—○			
	1 (LO)			○—○		○
	2 (HI)				○—○	
Washer switch	ON	○				○

**Intermittent Wiper Relay
(Intermittent Operation Inspection)**

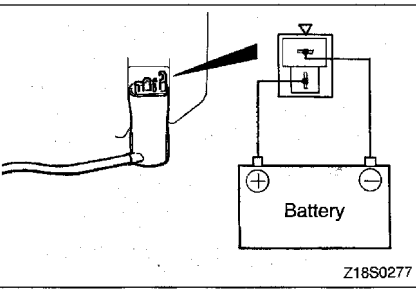
- (1) Connect the column switch connector.
- (2) Turn the ignition switch to ACC.
- (3) Inspect the intermittent operation time when the wiper switch is turned to INT.

Vehicles without variable intermittent control
Approx. 3–6 seconds

Vehicles with variable intermittent control
FAST: Approx. 3 seconds
SLOW: Approx. 12 seconds

WASHER MOTOR

- (1) With the washer motor installed to the washer tank, fill the washer tank with water.
- (2) When the battery is connected as shown in the figure, check that the water squirts out strongly.



Z18S0277

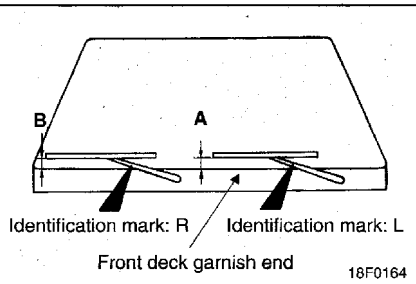
INSTALLATION SERVICE POINT

▶A◀ WIPER ARM AND BLADE ASSEMBLY INSTALLATION

- (1) The movements of the left and right wiper arms are different, so check the identification marks.
- (2) Install the wiper blade in the specified position (standard value) as shown in the illustration.

Standard value

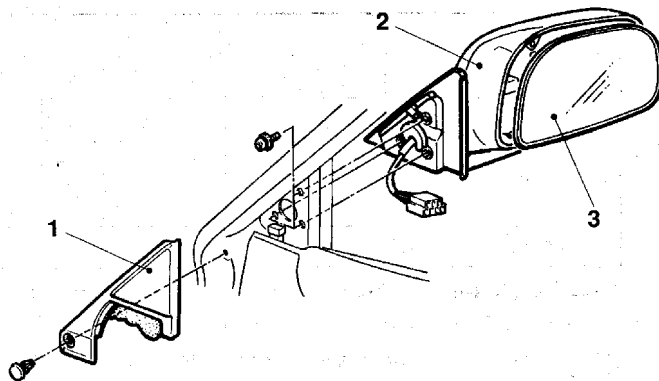
- (A): 20–30 mm (.79–1.18 in.)
- (B): 15–25 mm (.59–.98 in.)



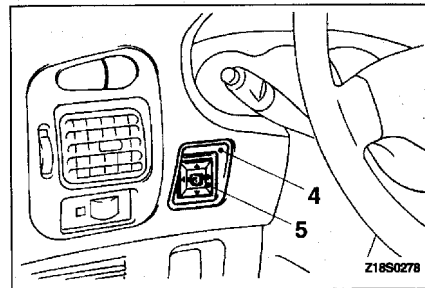
18F0164

DOOR MIRROR

REMOVAL AND INSTALLATION



Z18S0014



Z18S0278

Door mirror removal steps

1. Delta cover inner
2. Door mirror
3. Mirror

Door mirror control switch removal steps

4. Mirror switch garnish
5. Door mirror control switch

REMOVAL SERVICE POINT

◀▶ MIRROR REMOVAL

Turn the mirror by hand so that it faces upwards, insert the flat-tipped screwdriver wound with masking tape into the notched section, and lever out the mirror to remove it.

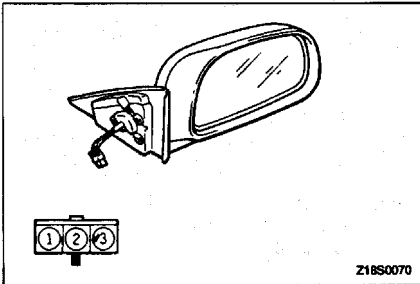
Section A-A

Screwdriver

Pivot plate

Notched section

Z18A0080

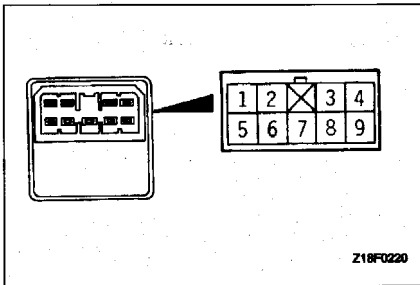


INSPECTION

REMOTE CONTROL MIRROR ASSEMBLY

Check to be sure that the mirror moves as described in the table when each terminal is connected to the battery.

Terminal No.			Direction of operation
1	2	3	
⊖	---	⊕	UP
⊕	---	⊖	DOWN
⊕	⊖	---	LEFT
⊖	⊕	---	RIGHT



DOOR MIRROR CONTROL SWITCH

Operate switch and check for continuity between terminals.

Direction	Left side terminal No.					Right side terminal No.				
	3	4	6	7	8	2	4	6	7	9
UP		○	○	○	○	○	○	○	○	
DOWN		○	○	○	○	○	○	○	○	
LEFT	○	○	○	○			○	○	○	○
RIGHT	○	○	○	○			○	○	○	○