

ELECTRICAL SYSTEM

SECTION EL

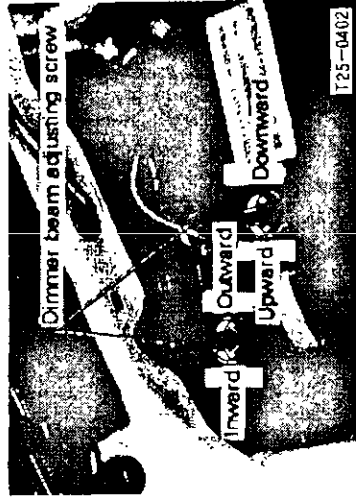
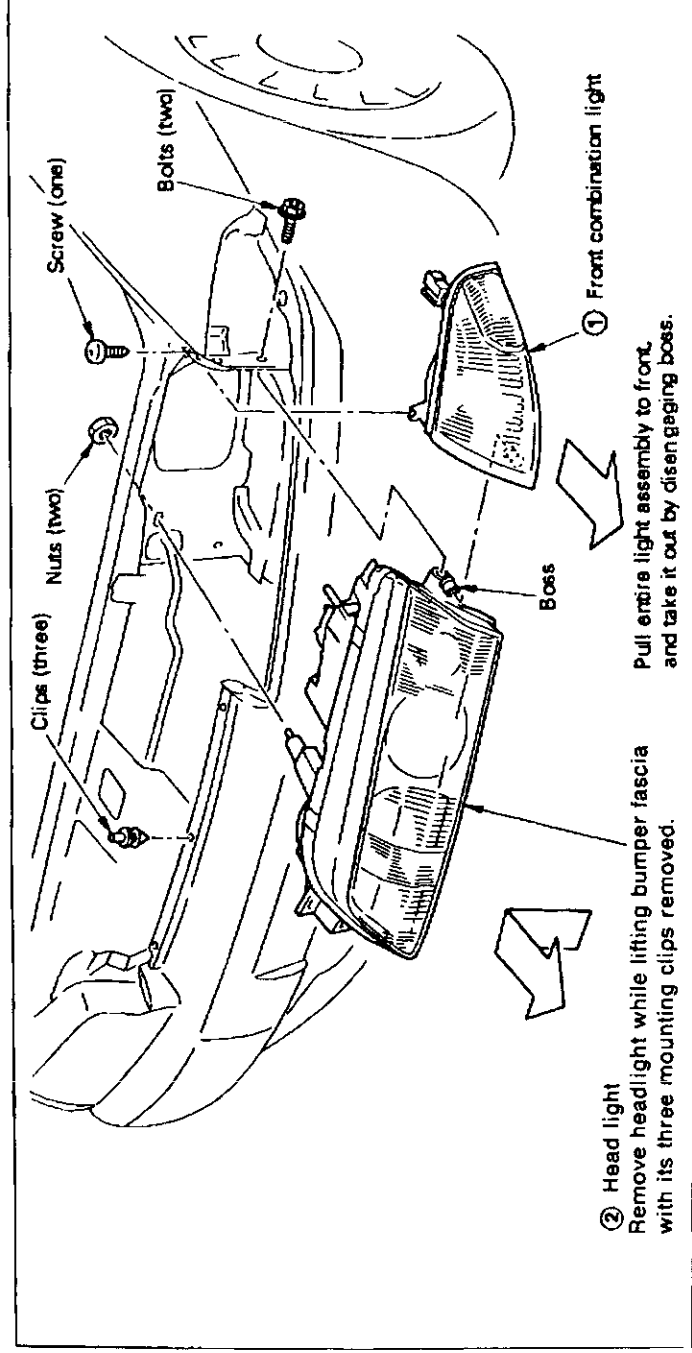
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E1 LIGHTS

1. Headlight Assembly

1-1 HEADLIGHT REMOVAL AND INSTALLATION

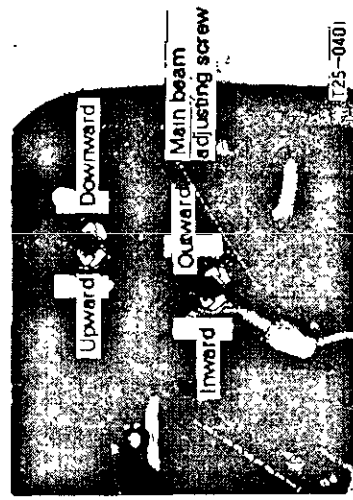


1-2 AIMING HEADLIGHT

- Refer to the Basic Service Manual <A801001> for headlight aiming procedures.

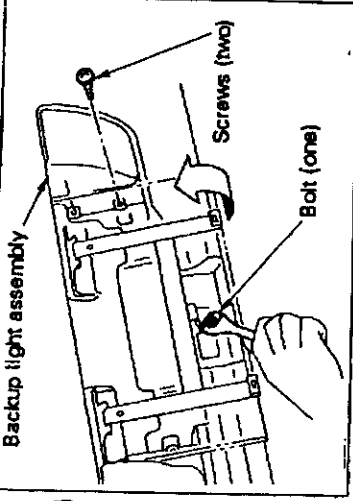
(1) Modified 4-bulb type projector headlight

- Dimmer beam



- Main beam

E1 LIGHTS

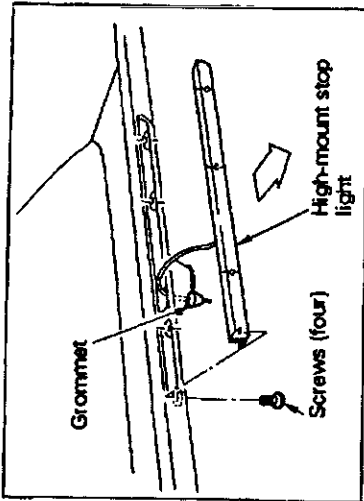


2. Backup Light (2-door model)

2-1 BACKUP LIGHT REMOVAL AND INSTALLATION

Removal

- Remove license plate bracket securing bolt (one), and pull up license plate, then remove light securing screws (two), and then remove backup light.
- Replace bulb after removing light main body.

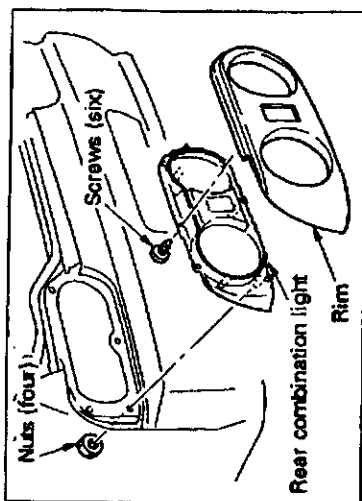


3. High-mount Stop Light (2-door model)

3-1 LIGHT REMOVAL AND INSTALLATION

Removal

- Remove light securing screws (four), and remove connector from light main body.



4. Rear Combination Light

4-1 LIGHT REMOVAL AND INSTALLATION

(1) 2-door model

Removal

Remove and install: Trunk rear finisher

- Heat sealing material fitted around rear combination light using drier and remove light assembly from trunk side.

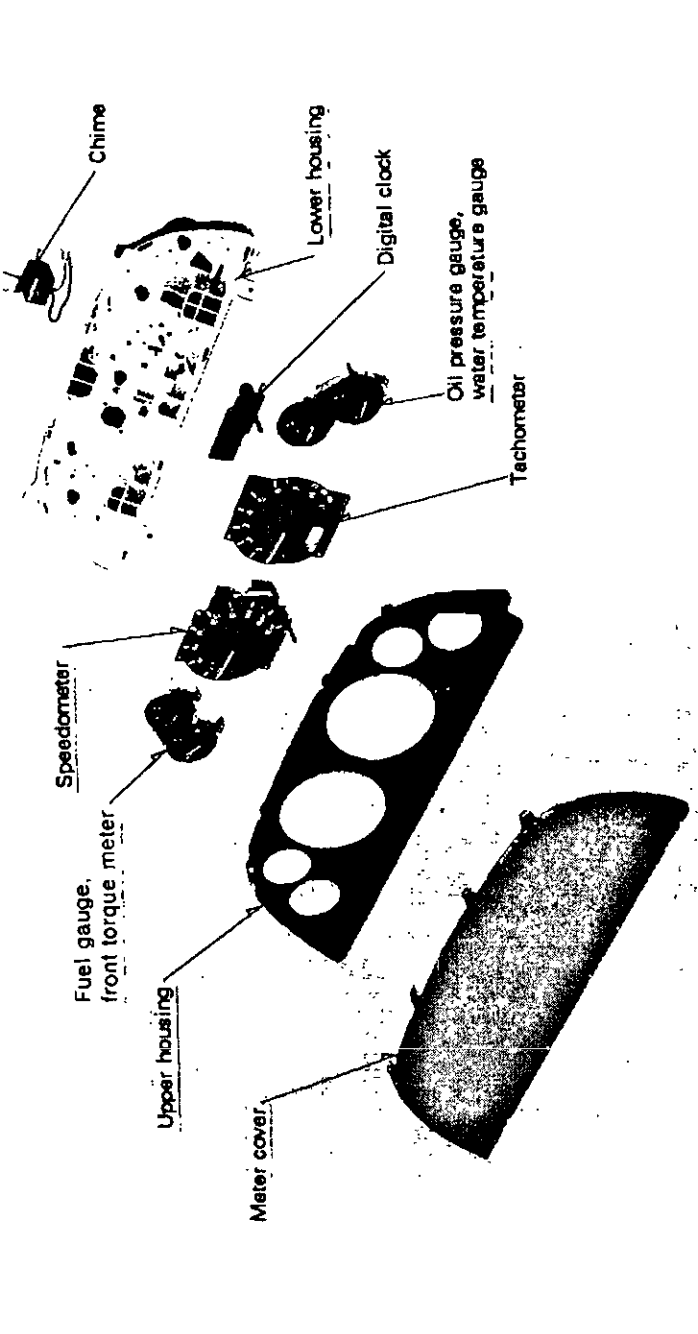
Installation

- Remove butyl seal from body surface and rear side of light, and apply repair butyl seal to rear surface of rear combination light assembly. Install light assembly after heating butyl seal using dryer.

E2 INSTRUMENTS

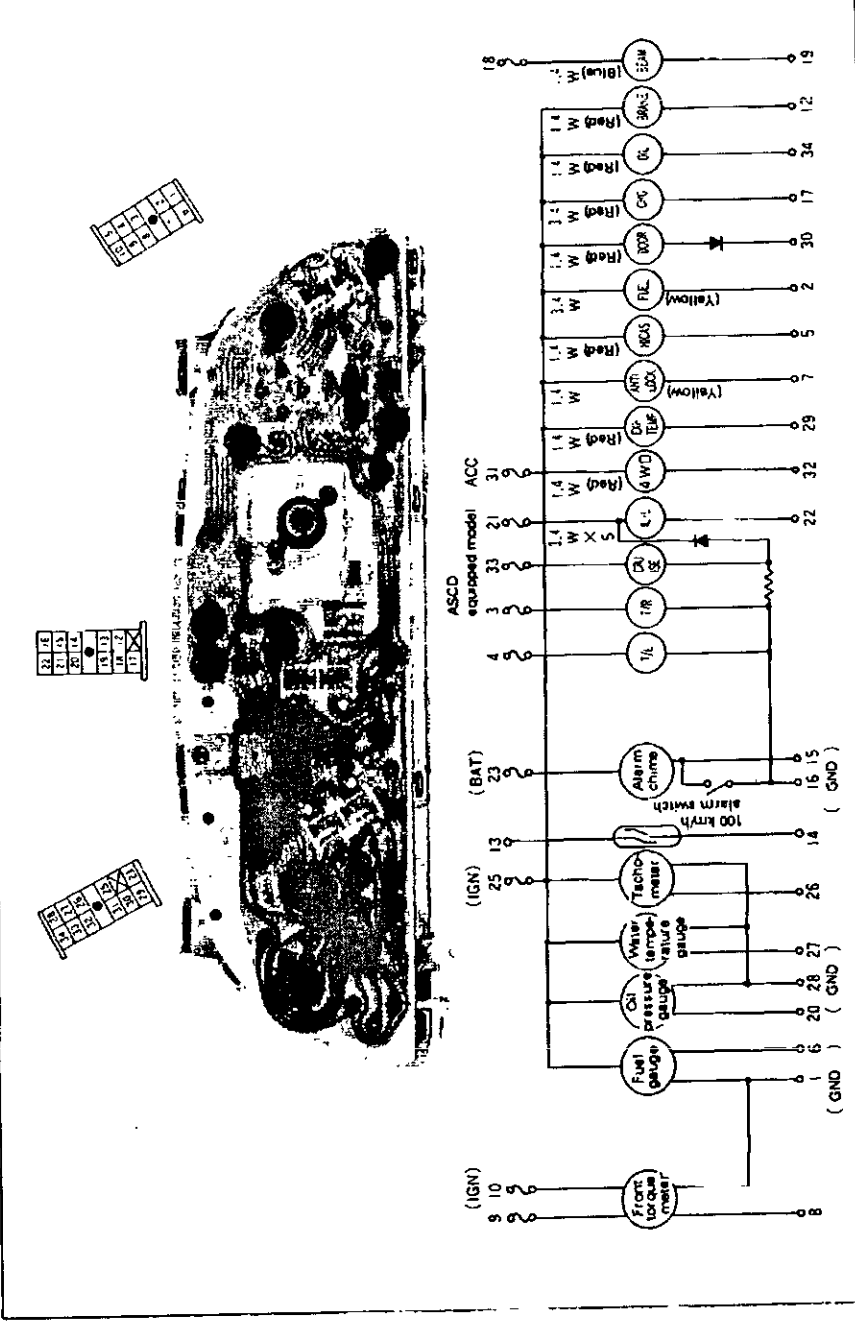
1. Combination Meter

1-1 COMPONENTS



1. Combination Meter (GT-R model)

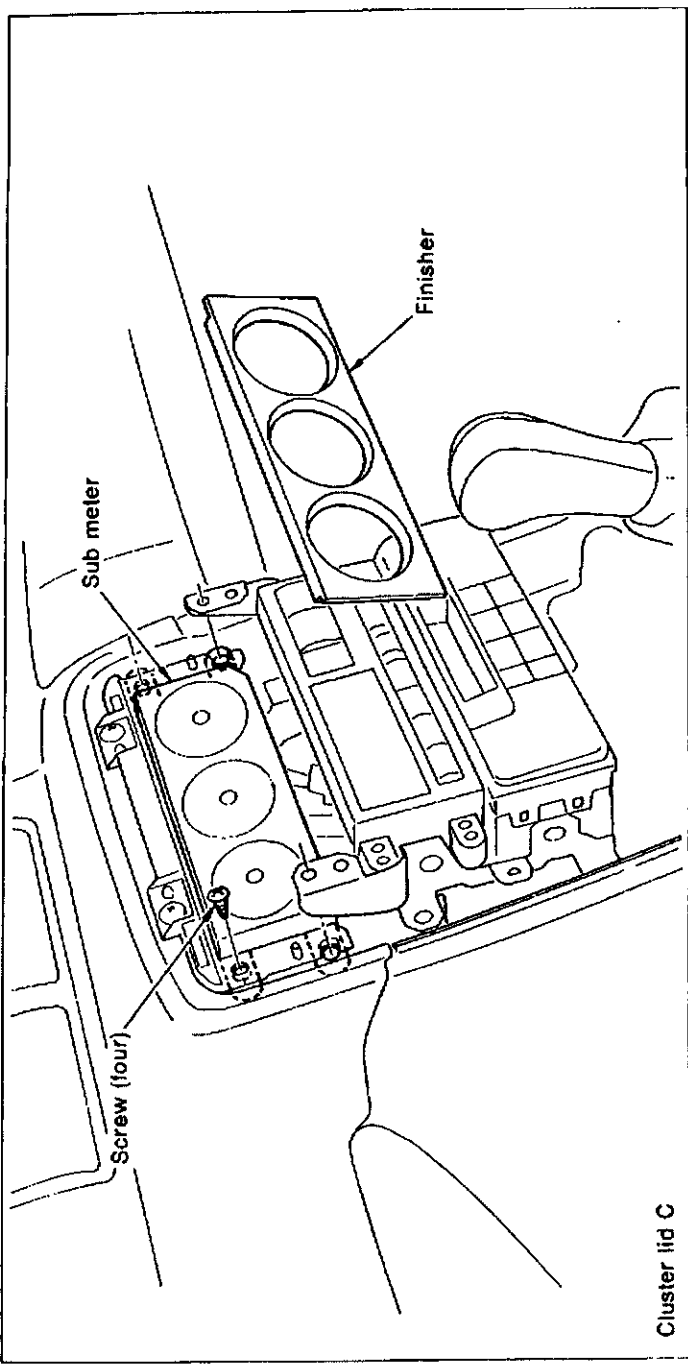
1-2 REAR SIDE SHAPE AND INTERNAL CIRCUIT



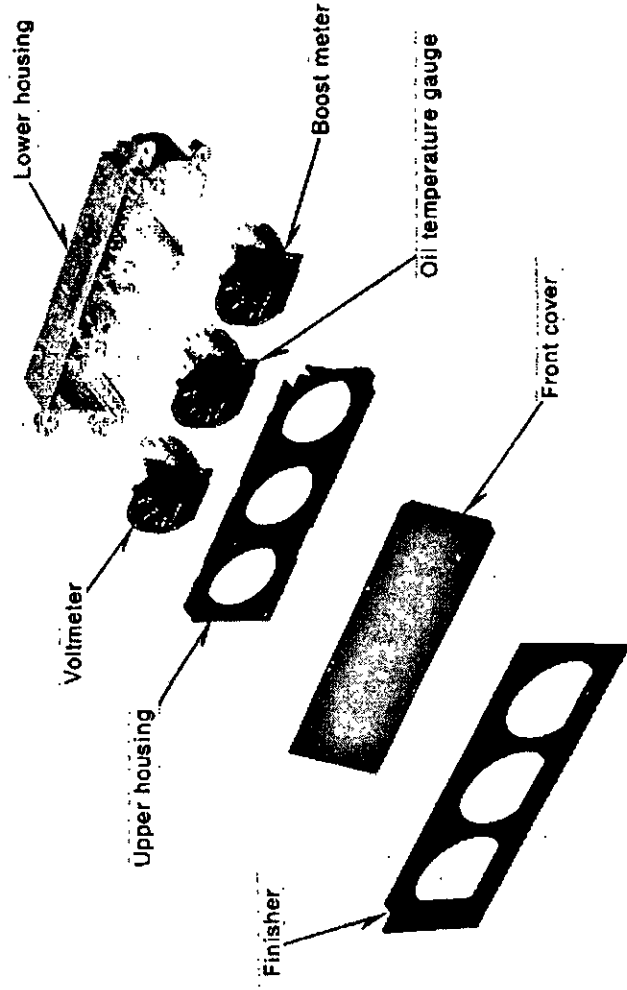
E2 INSTRUMENTS

2. Sub Meter

2-1 METER REMOVAL AND INSTALLATION



2-2 DISASSEMBLY

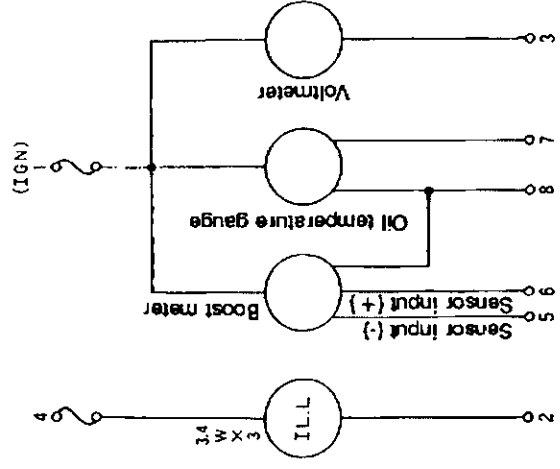


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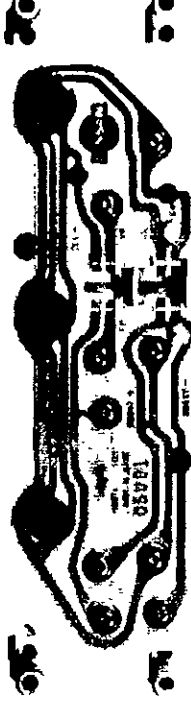
E2 INSTRUMENTS

2. Sub Meter (Cont'd)

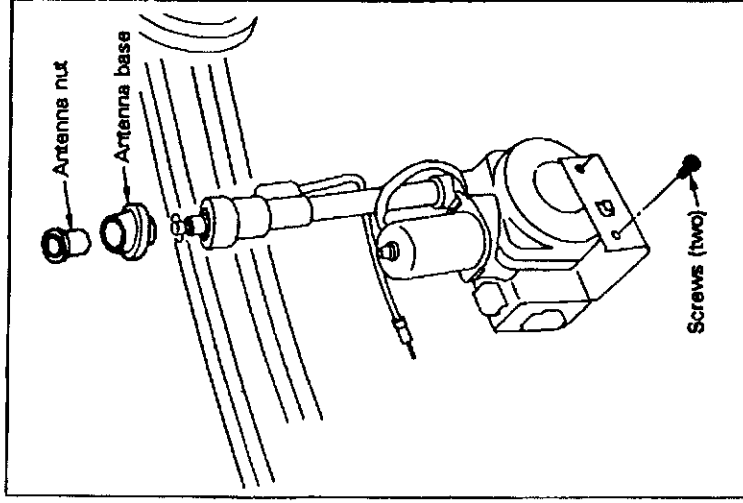
2-3 REAR SIDE SHAPE AND INTERNAL CIRCUIT



1	5
2	6
3	7
4	8



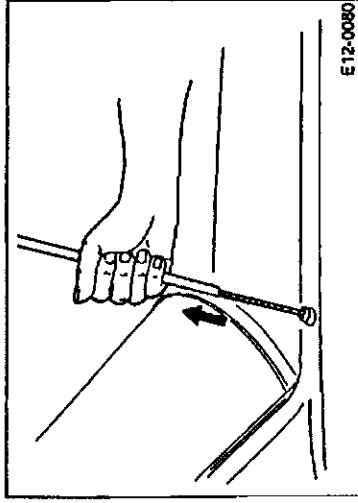
E3 AUDIO UNITS



1. Antenna

1-1 FULL AUTOMATIC ANTENNA ASSEMBLY REMOVAL AND INSTALLATION

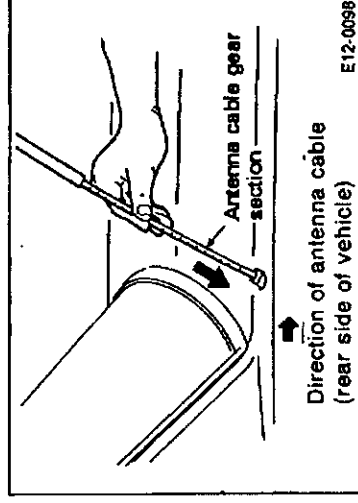
Remove and install: Trunk side finisher (left) (Parts not shown)



1-2 ANTENNA ROD REPLACEMENT

Removal

- Remove antenna nut and antenna base.
- Turn ON radio receiver power switch to raise antenna.
- At this moment, antenna rod and antenna rope can be pulled out by another operator.



Installation (only when installing new part)

- Extend antenna cable end so that it can be easily taken up with motor.
- Turn OFF radio receiver power switch to retract antenna.
- Operator standing outside vehicle: Insert antenna cable into rod hole with gear side facing antenna motor (rear side of vehicle). After confirming that antenna cable has wound around motor, set root portion of rod into pipe, and allow motor to completely retract antenna rod.

NOTE:

If motor stops during operation, turn radio receiver ON then OFF to rotate motor in retracting direction.

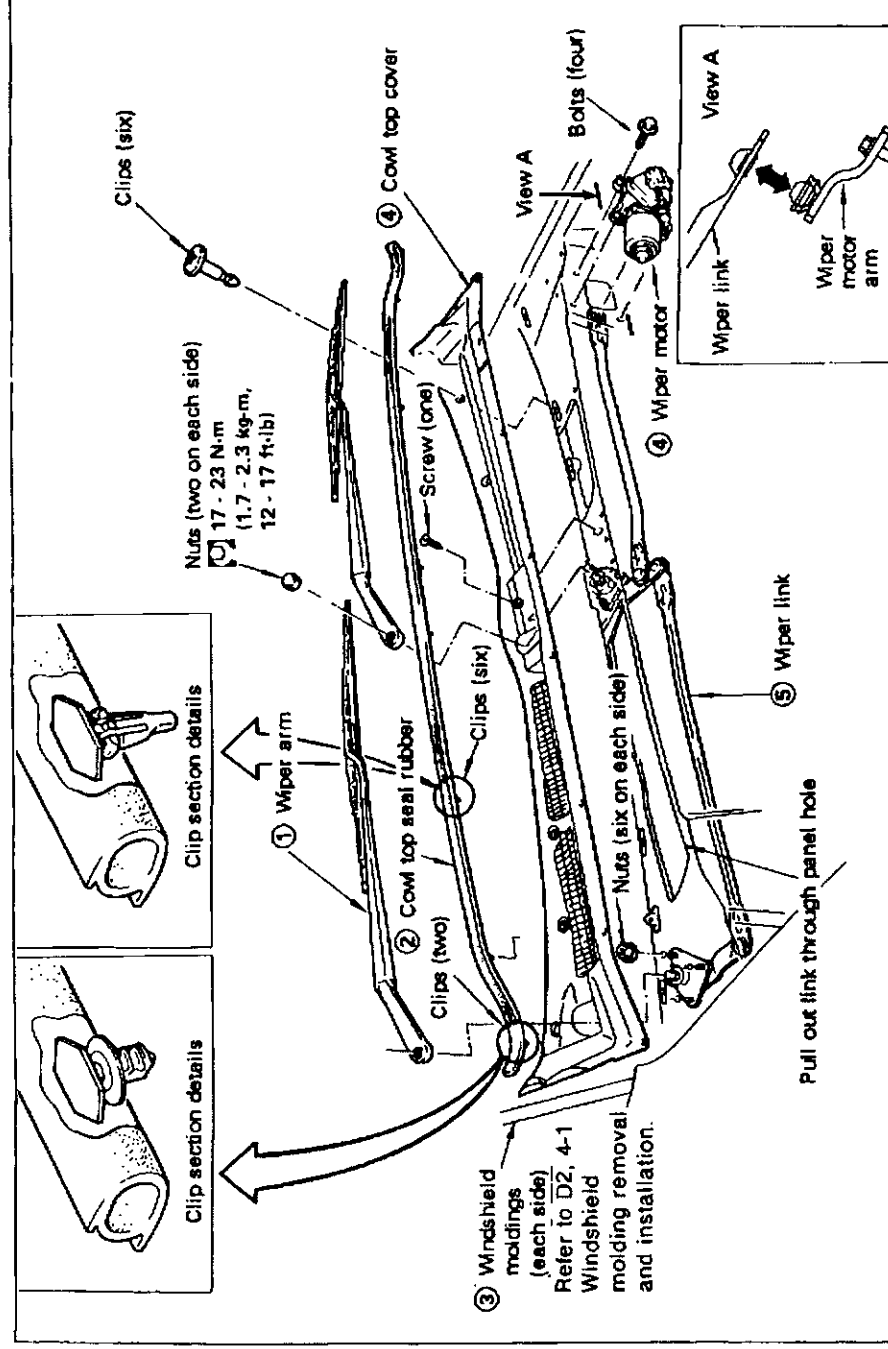
Replacement rod part No.

28215 89904

1. Windshield Wipers

1-1 FRONT WIPER

(1) Wiper arm and link removal and installation



NOTE:

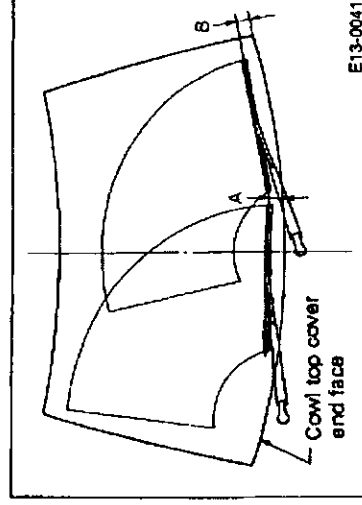
If wiper link comes off specified auto stop position, motor may start rotating even though wiper switch is OFF. To prevent this accident, be sure to keep wiper motor disconnected.

(2) Wiper arm adjustment

- When adjusting wiper arm, operate wiper motor once and allow it to stop at auto stop position.
- When installing wiper arm, align wiper blade end at specified position (wiper arm stop position), and tighten arm while paying attention to avoid movement of wiper link.

NOTE:

If wiper arm stop position has moved due to weight of snow or other external force, first correct wiper pivot fitting portion, then re-install wiper arm in correct position.



E4 WINDOW EQUIPMENT

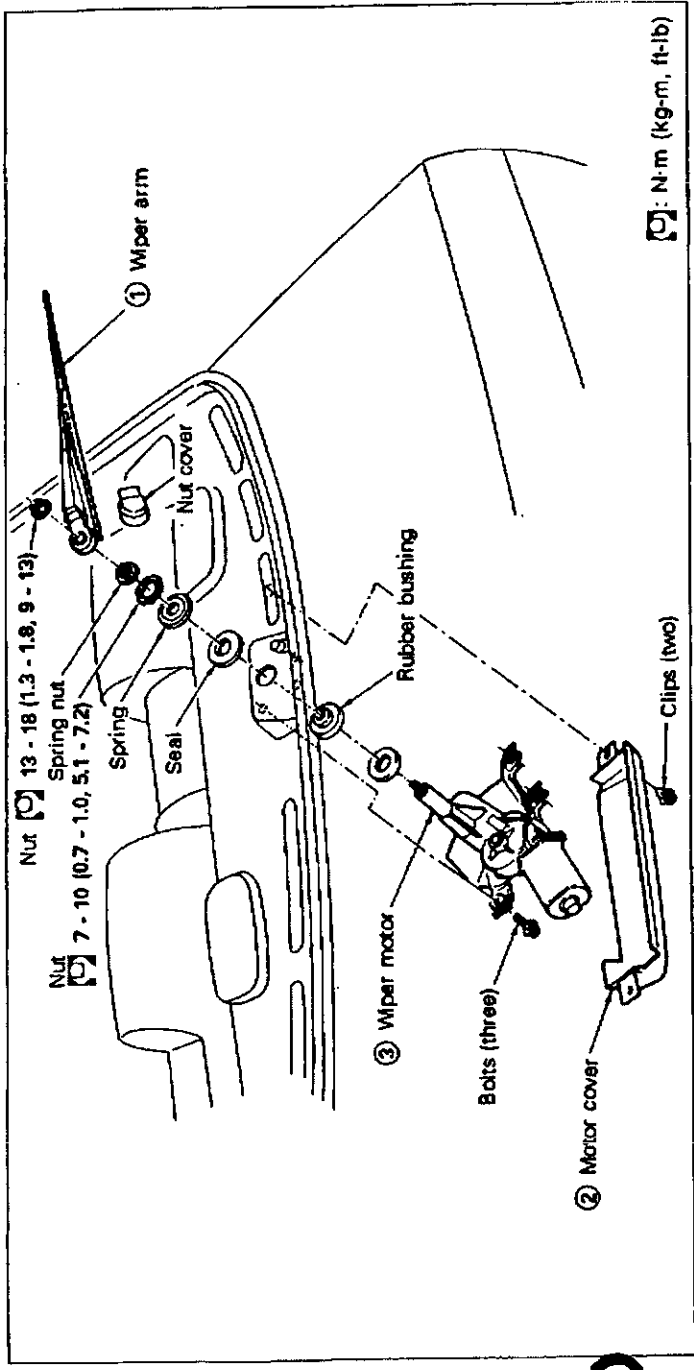
1. Windshield wipers (Cont'd)

Semi-concealed type (standard)

Unit: mm (in)		
Dimension A	17 - 32 (0.67 - 1.26)	
Dimension B	23 - 37 (0.91 - 1.46)	

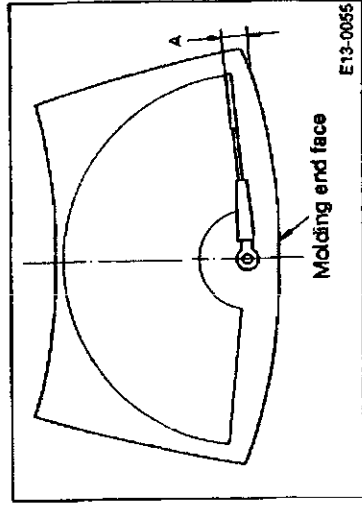
1-2 REAR WIPER

(1) Rear wiper arm and motor removal and installation



NOTE:

If wiper link comes off specified auto stop position, motor may start rotating even though wiper switch is OFF. To prevent this, be sure to keep wiper motor disconnected.



(2) Wiper arm adjustment

- When adjusting wiper arm position, operate wiper motor once, and allow it to stop at auto stop position.

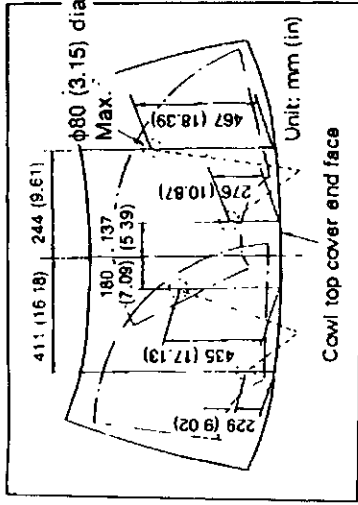
Dimension A	17 - 32 mm (0.67 - 1.26 in)
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E4 WINDOW EQUIPMENT

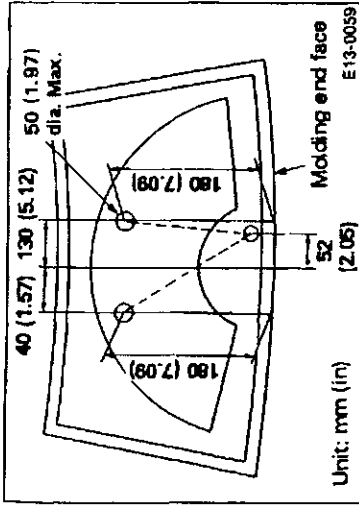
2. Window Washers

2-1 WASHER NOZZLE INJECTION POINT

(1) Front washer



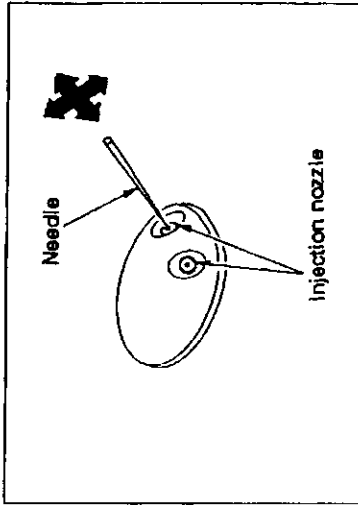
(2) Rear washer



2-2 WASHER NOZZLE ADJUSTMENT

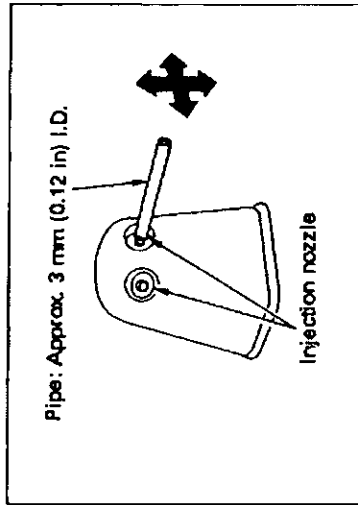
(1) Front washer

- Paying attention not to deform injection nozzle opening, insert a needle into nozzle, and adjust nozzle direction.



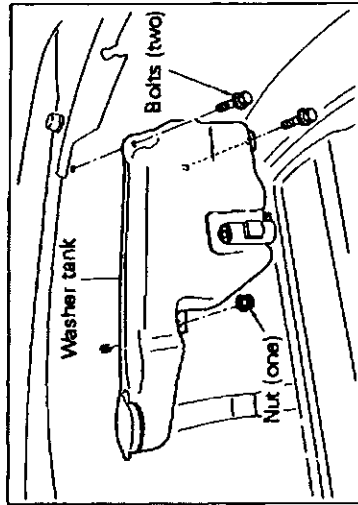
(2) Rear washer

- Adjust nozzle direction using a pipe with I.D. 3 mm (0.12 in). Pay attention not to damage nozzle port.



2-3 WASHER TANK

- (1) Washer tank removal and installation**
Remove and install: Air cleaner (Parts not shown)



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■ Relays

Note: The part numbers listed in the remarks column identify different manufacturers and the parts indicated are interchangeable.

Type	Switch	Terminal symbol	Identification color	Remarks
1 M			Green	Part number 21220-C 9100
1 M			Blue	Part number 21220-C 9170 21220-C 9160 21220-C 9161
1 M			Green	21220-C 9165 For ECU
1 M			Blue	Part number 21220-C 9160
1 T			Black	Part number 21220-C 9170
1 T			Black	Part number 21220-C 9161 21220-C 9171
2 M			Brown	Part number 21220-C 9170 21220-C 9171
2 M			Brown	Part number 21220-C 9171
1M10			Gray	Part number 21220-C 9115 21220-C 9116 21220-C 9118
1M10			Gray	Part number 21220-C 9112 21220-C 9112

■ Fuses

The fuse numbers indicated in the following table agree with those shown in the circuit and wiring diagrams.

(1) Passenger compartment

ST	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13
4WD	Electronic	Transmission	Blower	Wiper	Engine	Fuel pump	Auto set	Air conditioner	Mirror, rear	Cigarette	Back light	Fog lamp	
10A	10A	10A	15A	20A	10A	15A	10A	10A	10A	15A	15A	15A	
	IGN	ACC	BAT	IGN	IGN	IGN	ACC	BAT	BAT	BAT	BAT	BAT	
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