

FRONT WIPER AND WASHER

Wiper and Washer Systems

1. Front Wiper and Washer

A: DESCRIPTION

1. FRONT WIPER

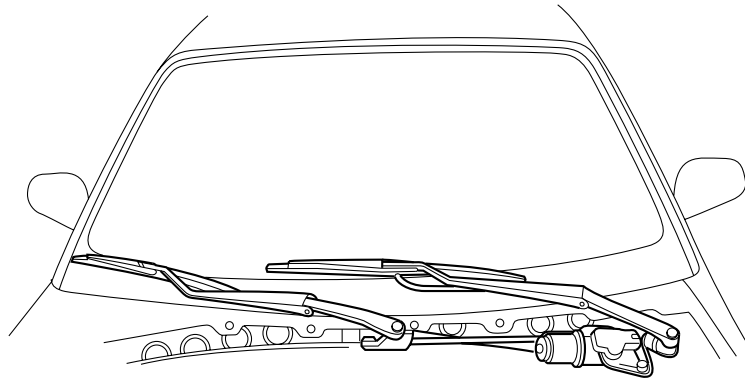
1) The front wiper is of a tandem type featuring wide wiping area. The blade is installed to the arm by means of U-hook joint to improve serviceability.

2) The front wiper operates in the HI and LOW speed modes and the INTERMITTENT mode.

The operation modes can be selected by turning the wiper switch incorporated in the combination switch.

3) In the INTERMITTENT mode, the intermittent unit installed behind the combination switch controls the front wiper operation interval.

4) The front wiper system uses a modular construction in which the wiper motor forms an integral part of the linkage. The motor is installed on the body through rubber mounting.



WW-00038

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2. FRONT WASHER SYSTEM

- 1) The washer system consists of a washer tank, a motor and pump unit, and a pair of nozzles.
- 2) The washer tank is installed at the front of the strut mount on the left side of the engine compartment.
- 3) The washer motor and pump unit is installed at the bottom of the washer tank.
- 4) The washer nozzles are installed on the hood. Each nozzle is a diffusion nozzle.
- 5) Each washer nozzle is provided with a check valve which is located just below it.

3. SPECIFICATION

| | | | | |
|-------------|---|------------------------------------|--------------------------------|--------------------------------|
| Washer tank | Capacity | 4.0 liters (4.2 US qt, 3.5 imp qt) | | |
| Wiper motor | Rated voltage | 12 V | | |
| | No-load current | 4 A or less | | |
| | Speed [at 2.0 N·m (20 kg cm 17 in-lb)] | HIGH | 72 ± 6 rpm | |
| | | LOW | 47 ± 5 rpm | |
| | Locked rotor characteristics | HIGH | Torque | 29.4 N m (300 kg cm 2.2 ft-lb) |
| | | | Current | 36 A or less |
| LOW | | Torque | 34.3 N m (350 kg cm 2.5 ft-lb) | |
| | | Current | 31.5 A or less | |
| Wiper blade | Length | Driver side | 550 mm (21.65 in) | |
| | | Passenger side | 500 mm (19.69 in) | |