

SECTION 7

CAR HEATER (Optional)

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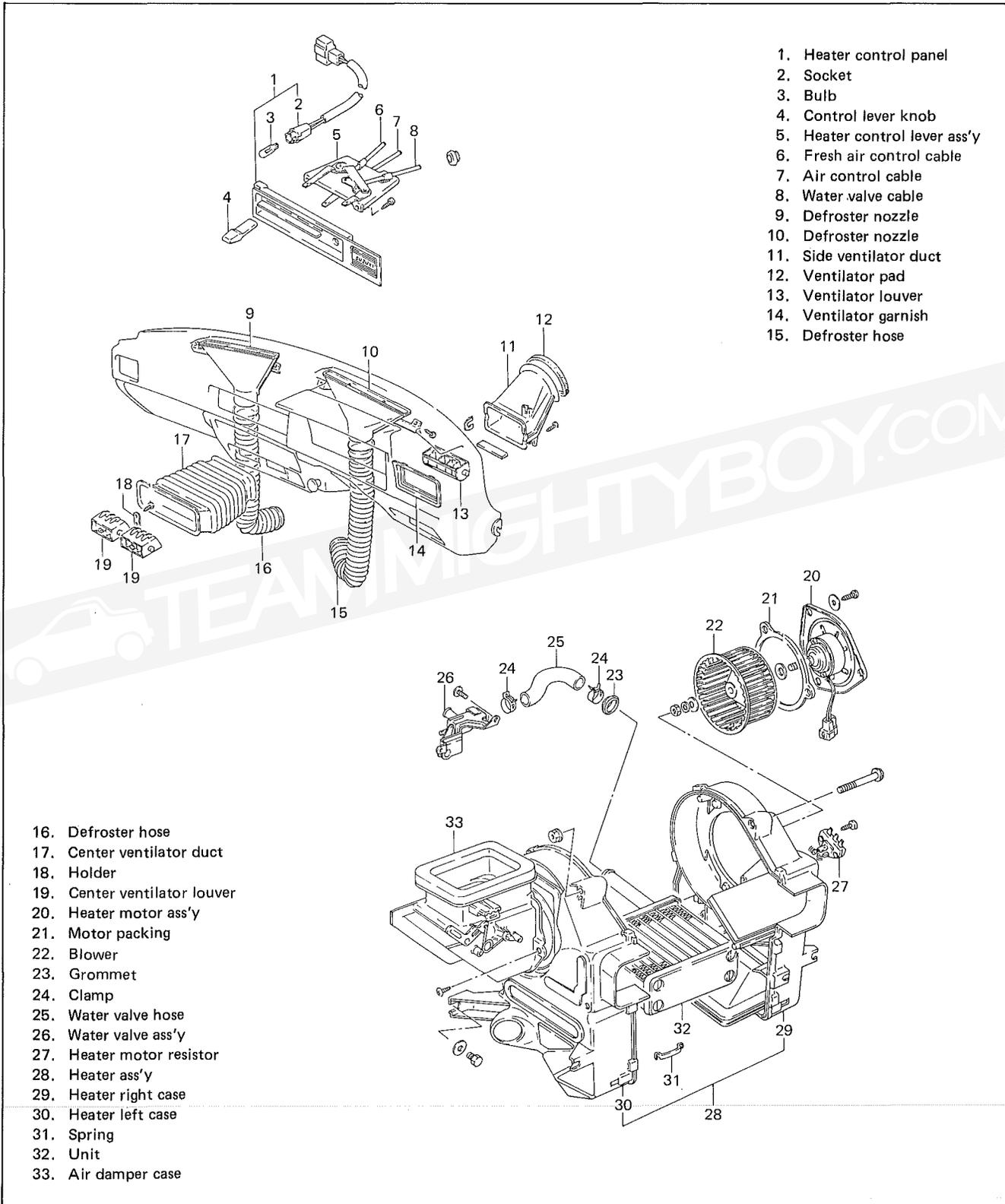
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7-1. DESCRIPTION

The car heater is of a hot water type and operates quietly. The air is heated by engine coolant and warm air is blown into car interior by blower motor.

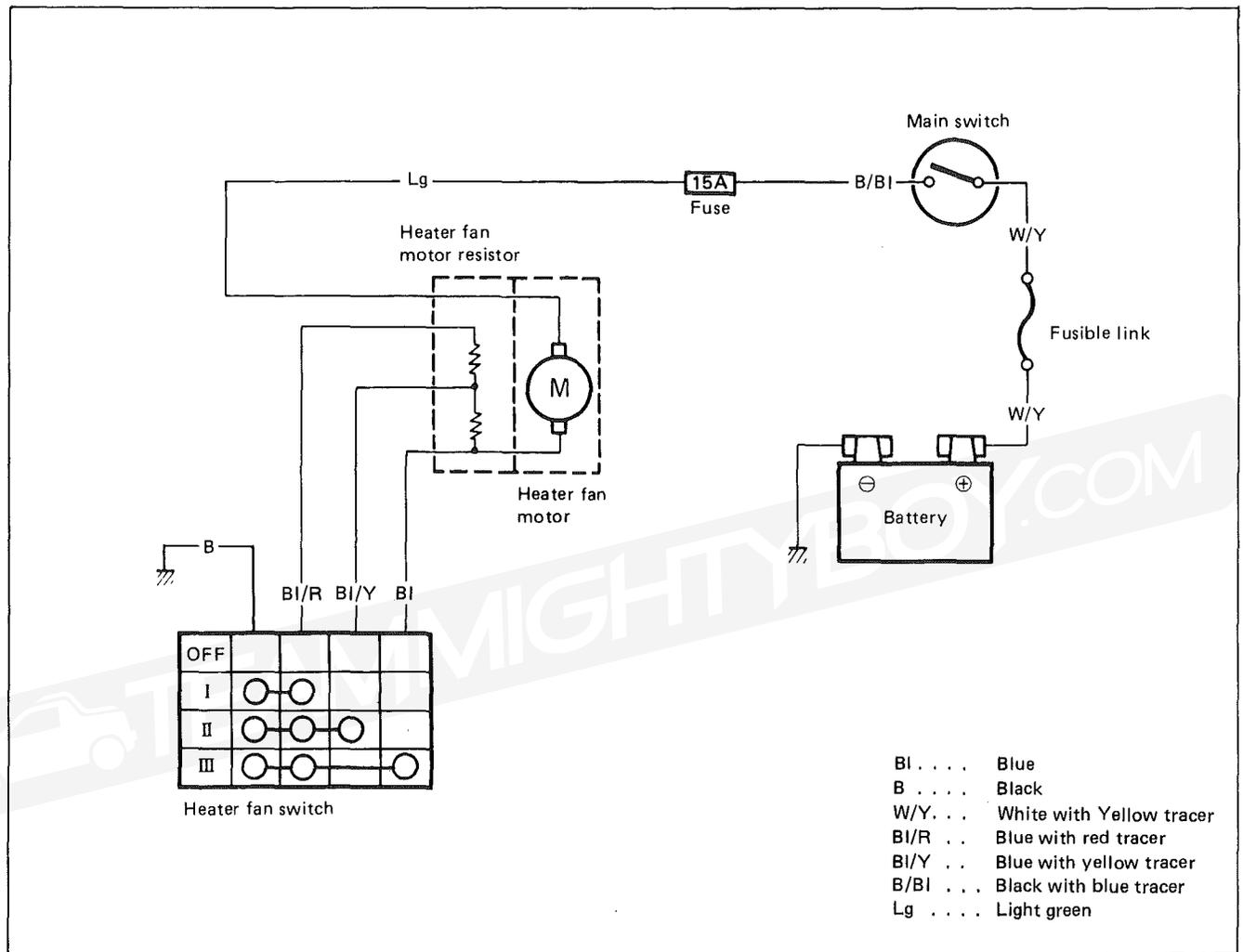
The blower motor is driven electrically, independent of engine speed, and operates effectively even when engine speed is low.



7-2. ELECTRICAL CIRCUIT

The below circuit diagram shows how blower motor is controlled. Turn main switch to "ON", turn fan switch on by one step, and voltage is applied across blower motor. The current is small because of resistor provided in the circuit.

Under this condition, blower runs slowly. By turning fan switch further, higher battery voltage is applied across the blower motor, a larger current flows and blower motor runs at faster speed.



7-3. REMOVAL

Fan motor

- 1) Disconnect lead wire at coupler.
- 2) Loosen screws (3 pcs).
- 3) Remove motor-fan assembly.

Fan resistor

Fan resistor is installed on driver side of heater box.

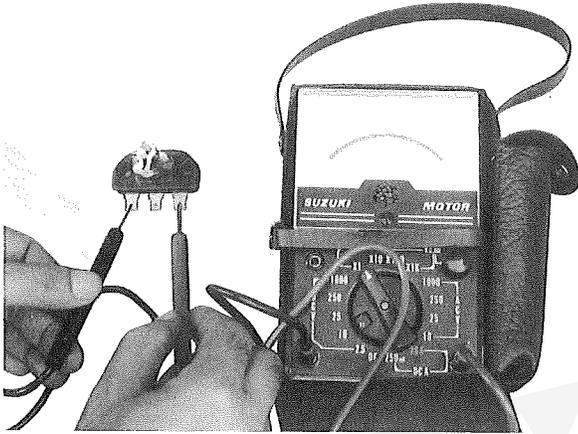
- 1) Disconnect lead wire at coupler.
- 2) Loosen screw (1 pc).
- 3) Remove fan resistor.

7-4. INSPECTION

Fan resistor

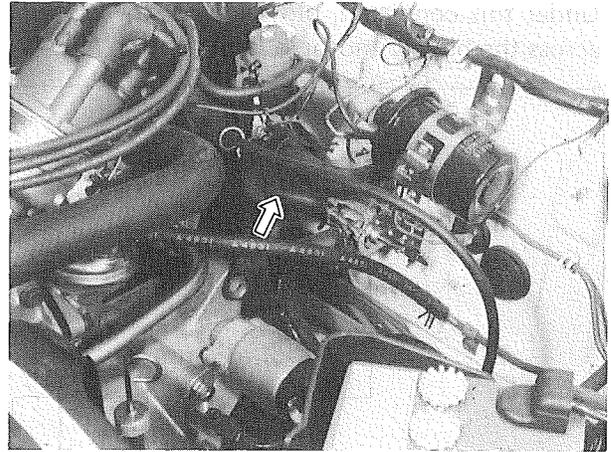
This resistor is on heater case right side. Inspect it for signs of cracking or breakage and replace it as necessary. If blower motor will not run or when you replace existing resistor, check to be sure the total resistor has an ohmic resistance of about several ohms. Use circuit tester for this purpose.

Fan resistor specification	Several ohms
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Heater hoses

Check heater hoses for connection condition, breakage, cracks and other damage, and replace if necessary.



Fan switch

Using a circuit tester, check this switch for circuit continuity:

Heater fan switch

III	○	○	○	○
II	○	○	○	
I	○	○		
OFF				
	Black	Blue/Red	Blue/Yellow	Blue