

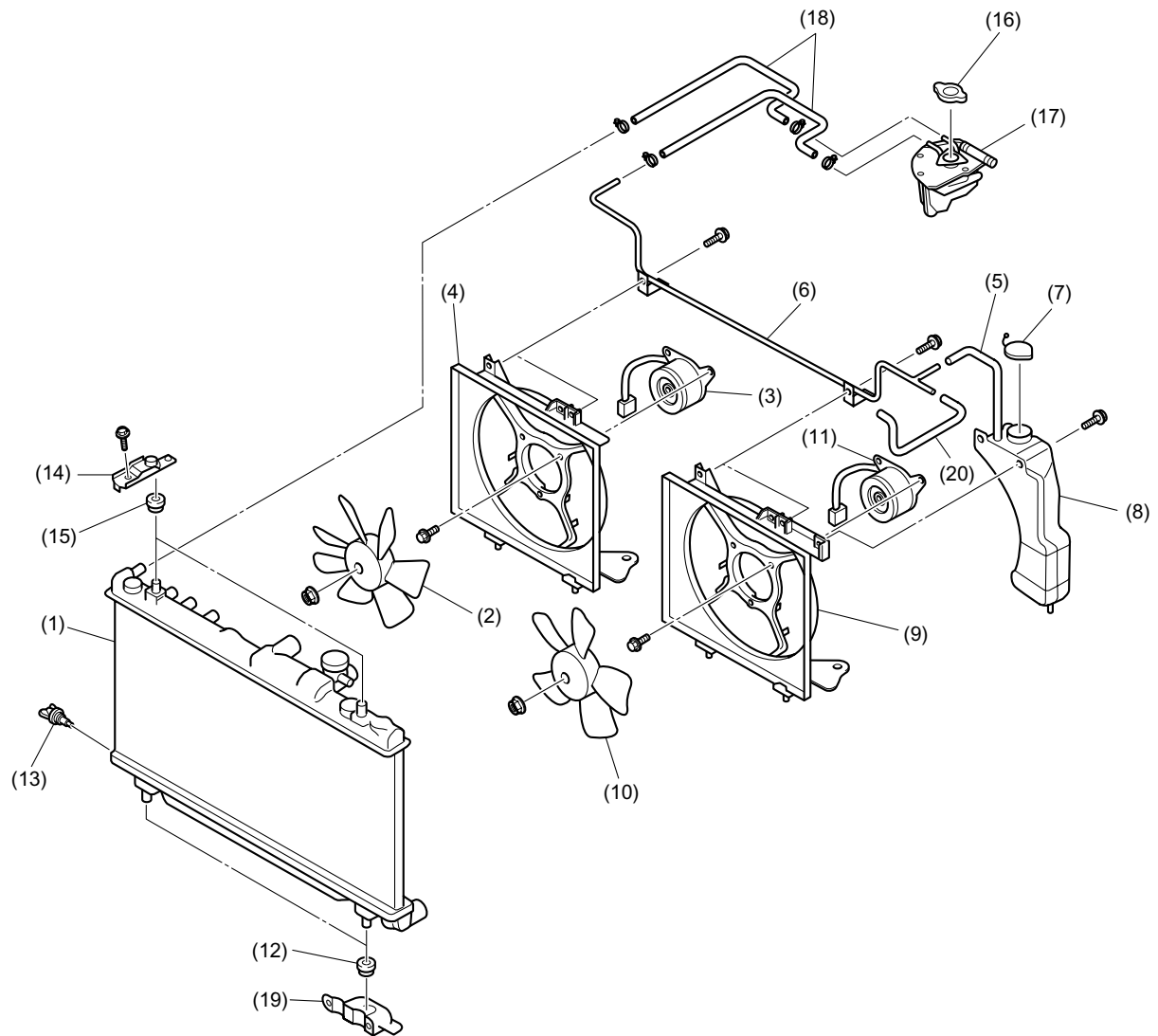
6. Radiator Fan

A: DESCRIPTION

Each radiator fan is made of plastic. It is driven by an electric motor which is retained on a shroud.

RADIATOR FAN

COOLING



CO-00244

- | | |
|---|---|
| (1) Radiator | (12) Lower cushion |
| (2) Radiator sub fan (models with A/C) | (13) Drain plug |
| (3) Radiator sub fan motor (models with A/C) | (14) Upper bracket |
| (4) Radiator sub fan shroud (models with A/C) | (15) Upper cushion |
| (5) Overflow hose (A) | (16) Radiator cap (coolant filler tank cap) |
| (6) Overflow pipe | (17) Coolant filler tank |
| (7) Reservoir tank cap | (18) Coolant hose |
| (8) Reservoir tank | (19) Lower bracket |
| (9) Radiator main fan shroud | (20) Overflow hose (B) |
| (10) Radiator main fan | |
| (11) Radiator main fan motor | |

A/C: Air conditioning system

RADIATOR FAN

COOLING

B: FUNCTION

To reduce fan noise, the electric radiator fan control switches the fan speed to Low or High in accordance with the ECM's decision based on conditions such as engine coolant temperature, vehicle speed, and A/C load signals.

To switch the fan speed to Low or High, the circuit connects two motors in series (Low speed) or parallel (High speed).

Vehicle speed	A/C compressor load	Engine coolant temperature		
		Below 95°C (203°F)	Between 96 and 99°C (203 and 210°F)	Over 100°C (212°F)
		Operation of radiator fans	Operation of radiator fans	Operation of radiator fans
Below 19 km/h (12 MPH)	OFF	OFF	Low-speed	High-speed
	Low	Low-speed	Low-speed	High-speed
	High	High-speed	High-speed	High-speed
Between 20 and 69 km/h (12 and 43 MPH)	OFF	OFF	Low-speed	High-speed
	Low	High-speed	High-speed	High-speed
	High	High-speed	High-speed	High-speed
Between 70 and 105 km/h (43 and 65 MPH)	OFF	OFF	Low-speed	High-speed
	Low	OFF	Low-speed	High-speed
	High	Low-speed	High-speed	High-speed
Over 106 km/h (66 MPH)	OFF	OFF	OFF	High-speed
	Low	OFF	Low-speed	High-speed
	High	OFF	Low-speed	High-speed