

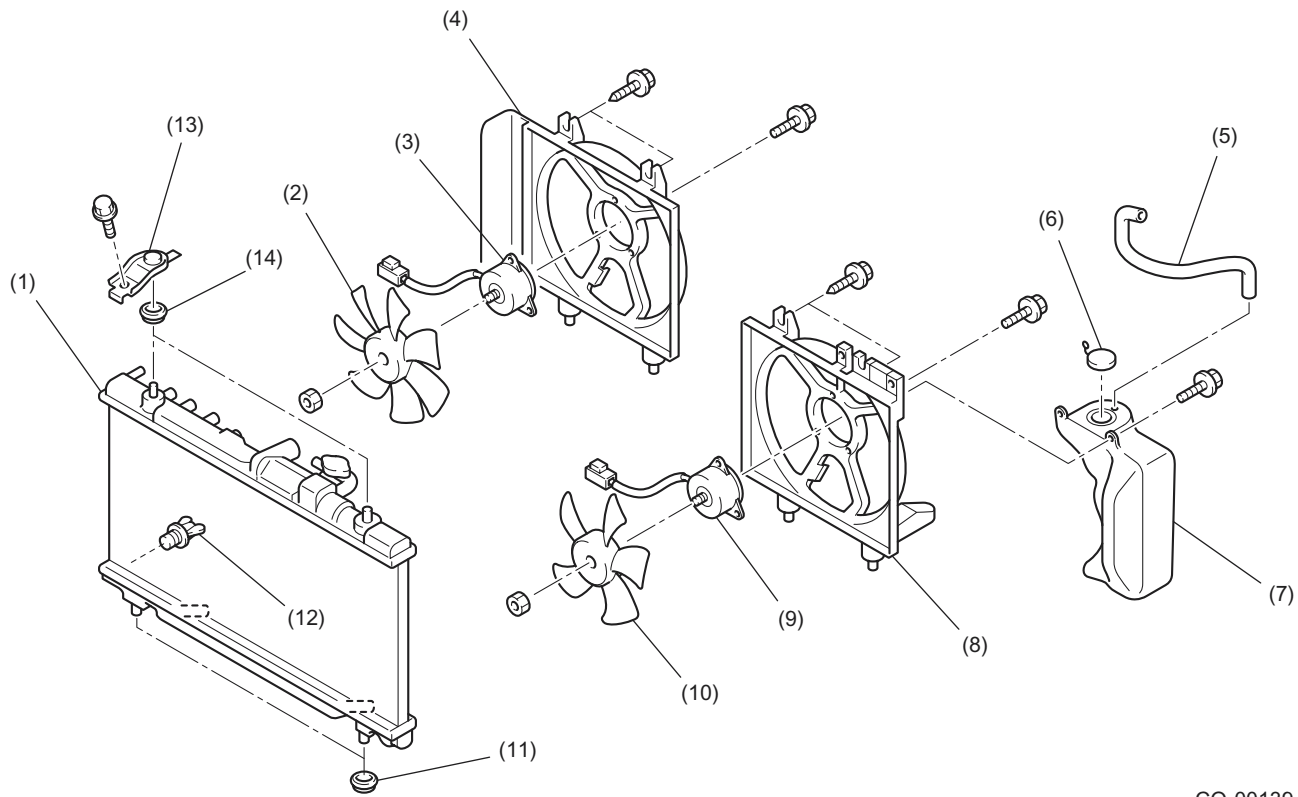
## RADIATOR FAN

Cooling

### 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.



CO-00139

- |                            |                              |
|----------------------------|------------------------------|
| (1) Radiator               | (8) Radiator main fan shroud |
| (2) Radiator subfan        | (9) Radiator main fan motor  |
| (3) Radiator subfan motor  | (10) Radiator main fan       |
| (4) Radiator subfan shroud | (11) Lower cushion           |
| (5) Overflow hose          | (12) Drain plug              |
| (6) Reservoir tank cap     | (13) Upper bracket           |
| (7) Reservoir tank         | (14) Upper cushion           |

## RADIATOR FAN

Cooling

### B: FUNCTION

The operation of the radiator fan is controlled by the ECM, depending on the signals from the engine coolant temperature sensor, vehicle speed sensor and A/C switch as shown below.

Vehicle speed	A/C compressor	A/C pressure switch level	Engine coolant temperature					
			Lower than 95°C (203°F)		Between 96 and 99°C (203 and 210°F)		Higher than 100°C (212°F)	
			Operation of radiator fans		Operation of radiator fans		Operation of radiator fans	
			Main fan	Sub fan	Main fan	Sub fan	Main fan	Sub fan
Lower than 19 km/h (12 MPH)	Off		Off	Off	Low-speed	Low-speed	Mid-speed	Mid-speed
	On	Low	Low-speed	Low-speed	Mid-speed	Mid-speed	High-speed	High-speed
		High	Mid-speed	Mid-speed	High-speed	High-speed	High-speed	High-speed
Between 20 and 69 km/h (12 and 43 MPH)	Off		Off	Off	Mid-speed	Mid-speed	High-speed	High-speed
	On	Low	High-speed	High-speed	High-speed	High-speed	High-speed	High-speed
		High	High-speed	High-speed	High-speed	High-speed	High-speed	High-speed
Between 70 and 105 km/h (43 and 65 MPH)	Off		Off	Off	Mid-speed	Mid-speed	High-speed	High-speed
	On	Low	Mid-speed	Mid-speed	High-speed	High-speed	High-speed	High-speed
		High	High-speed	High-speed	High-speed	High-speed	High-speed	High-speed
Higher than 106 km/h (66 MPH)	Off		Off	Off	Mid-speed	Mid-speed	High-speed	High-speed
	On	Low	Off	Off	Mid-speed	Mid-speed	High-speed	High-speed
		High	Mid-speed	Mid-speed	Mid-speed	Mid-speed	High-speed	High-speed