

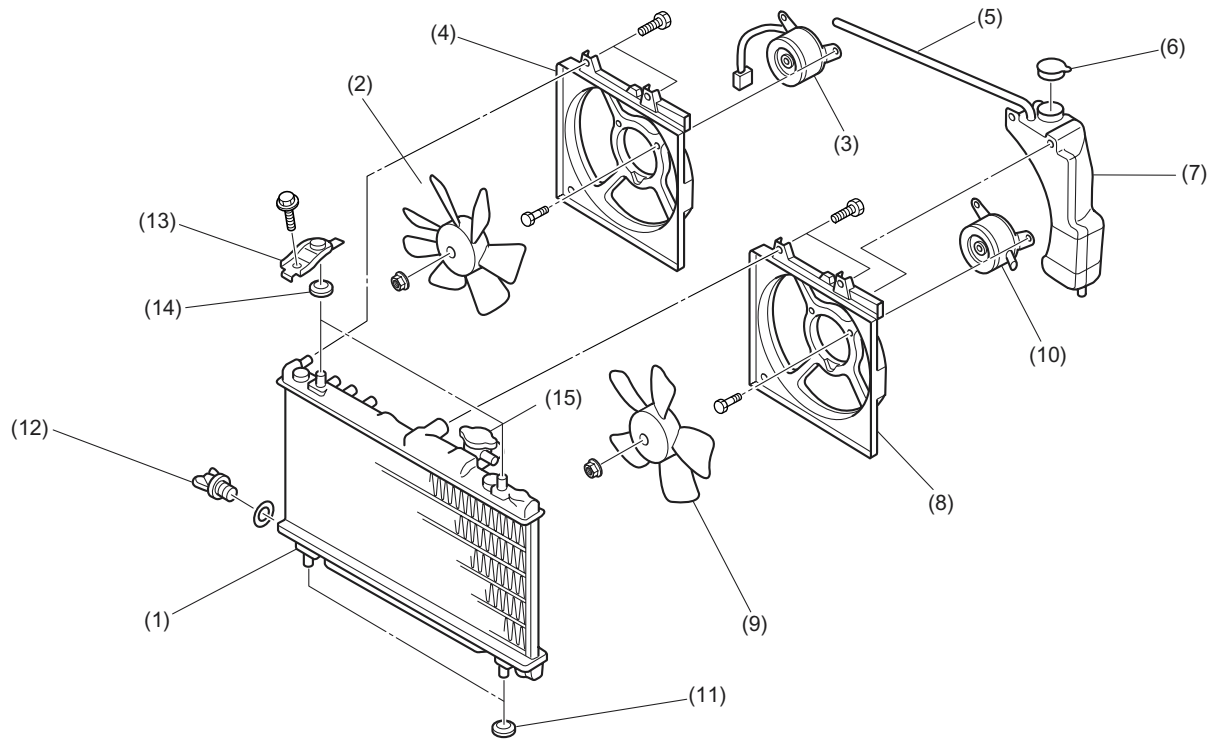
RADIATOR FAN

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-00234

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|--|------------------------------|
| (1) Radiator | (9) Radiator main fan |
| (2) Radiator sub fan (models with A/C) | (10) Radiator main fan motor |
| (3) Radiator sub fan motor (models with A/C) | (11) Lower cushion |
| (4) Radiator subfan shroud (models with A/C) | (12) Drain plug |
| (5) Overflow hose | (13) Upper bracket |
| (6) Reservoir tank cap | (14) Upper cushion |
| (7) Reservoir tank | (15) Radiator cap |
| (8) Radiator main fan shroud | A/C: Air conditioning system |

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RADIATOR FAN

COOLING

B: FUNCTION

1. MODELS WITHOUT A/C

The ON-OFF control of the radiator fan is performed by the ECM which receives signals from the engine coolant temperature sensor and the vehicle speed sensor.

Vehicle speed	Engine coolant temperature		
	Lower than 95°C (203°F)	Between 96 and 99°C (205 and 210°F)	Higher than 100°C (212°F)
	Operation of radiator fans		
Lower than 19 km/h (12 MPH)	OFF	ON	ON
Between 20 and 69 km/h (12 and 43 MPH)	OFF	ON	ON
Between 70 and 89 km/h (43 and 55 MPH)	OFF	OFF	ON
Higher than 90 km/h (56 MPH)	OFF	OFF	ON

2. MODELS WITH A/C

The ON-OFF control of the radiator main fan and sub fan is performed by the ECM which receives signals from the engine coolant temperature sensor, vehicle speed sensor and the A/C switch.

Vehicle speed	A/C compressor load	Engine coolant temperature					
		Lower than 95°C (203°F)		Between 96 and 99°C (205 and 210°F)		Higher than 100°C (212°F)	
		Operation of radiator fans		Operation of radiator fans		Operation of radiator fans	
		Main fan	Subfan	Main fan	Subfan	Main fan	Subfan
Lower than 19 km/h (12 MPH)	OFF	OFF	OFF	ON	OFF	ON	ON
	ON	ON	ON	ON	ON	ON	ON
Between 20 and 69 km/h (12 and 43 MPH)	OFF	OFF	OFF	ON	OFF	ON	ON
	ON	ON	ON	ON	ON	ON	ON
Between 70 and 89 km/h (43 and 55 MPH)	OFF	OFF	OFF	OFF	OFF	ON	ON
	ON	ON	OFF	ON	ON	ON	ON
Higher than 90 km/h (56 MPH)	OFF	OFF	OFF	OFF	OFF	ON	ON
	ON	OFF	OFF	ON	OFF	ON	ON

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