Last Modified: 12-04-2024	**6.11:8.1.0**	**Doc ID:** RM1000000029J84
Model Year Start: 2023	**Model:** Prius Prime	**Prod Date Range:** [12/2022 -]
Title: SPECIFICATIONS: M20A-FXS COOLING: SERVICE DATA; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

SERVICE DATA

Thermostat

CONDITION	SPECIFIED CONDITION
Standard valve opening temperature	80 to 84°C (176 to 183°F)
Standard Valve Lift	8.0 mm (0.315 in.) or more at 95°C (203°F)

Cooling fan motor (for HEV Model)

ITEM	CONDITION	SPECIFIED CONDITION
Cooling fan motor LH	Auxiliary battery voltage applied at 20°C (68°F)	12.2 to 15.7 A
Cooling fan motor RH		12.2 to 15.7 A

Radiator (for HEV Model)

ITEM	CONDITION	SPECIFIED CONDITION
Radiator Cap Sub-assembly	Standard pressure (for brand-new radiator cap sub-assembly)	74 to 103 kPa (0.8 to 1.1 kgf/cm^2, 10.7 to 14.9 psi)
	Minimum pressure (for used radiator cap sub-assembly)	59 kPa (0.6 kgf/cm^2, 8.6 psi)

Radiator (for PHEV Model)

ITEM	CONDITION	SPECIFIED CONDITION
Radiator Cap Sub-assembly	Standard pressure (for brand-new radiator cap sub-assembly)	74 to 103 kPa (0.8 to 1.1 kgf/cm^2, 10.7 to 14.9 psi)
	Minimum pressure (for used radiator cap sub-assembly)	59 kPa (0.6 kgf/cm^2, 8.6 psi)

Relay

ITEM	TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
FAN NO. 1 relay	3 - 5	Auxiliary battery voltage not applied between terminals 1 and 2	10 kΩ or higher
		Auxiliary batteryBattery voltage applied between terminals 1 and 2	Below 1 Ω
FAN NO. 2 relay	3 - 4	Auxiliary battery voltage not applied between terminals 1 and 2	Below 1 Ω

ITEM	TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
		Auxiliary battery voltage applied between terminals 1 and 2	10 kΩ or higher
	3 - 5	Auxiliary battery voltage not applied between terminals 1 and 2	10 kΩ or higher
		Auxiliary battery voltage applied between terminals 1 and 2	Below 1 Ω
FAN NO. 3 relay	3 - 5	Auxiliary battery voltage not applied between terminals 1 and 2	10 kΩ or higher
		Auxiliary battery voltage applied between terminals 1 and 2	Below 1 Ω