

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM1000000029ITL
Model Year Start: 2023	Model: Prius	Prod Date Range: [12/2022 -]
Title: M20A-FXS (COOLING): RELAY: ON-VEHICLE INSPECTION; 2023 - 2024 MY Prius [12/2022 -]		

ON-VEHICLE INSPECTION

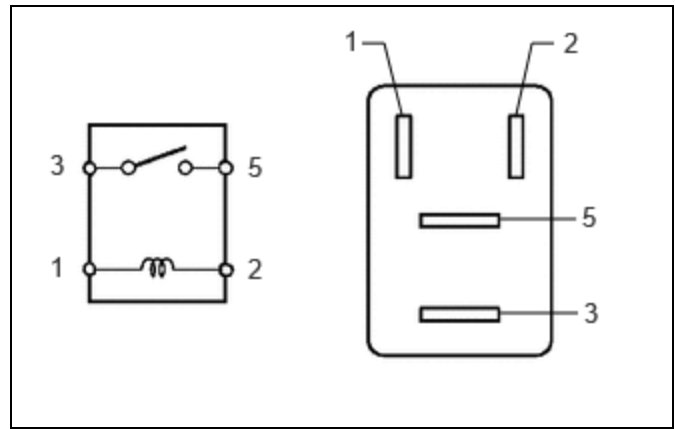
PROCEDURE

1. INSPECT FAN NO. 1 RELAY

(a) Measure the resistance according to the value(s) in the table below.

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION	RESULT
3 - 5	Auxiliary battery voltage not applied between terminals 1 and 2	10 kΩ or higher	kΩ
3 - 5	Auxiliary battery voltage applied between terminals 1 and 2	Below 1 Ω	Ω



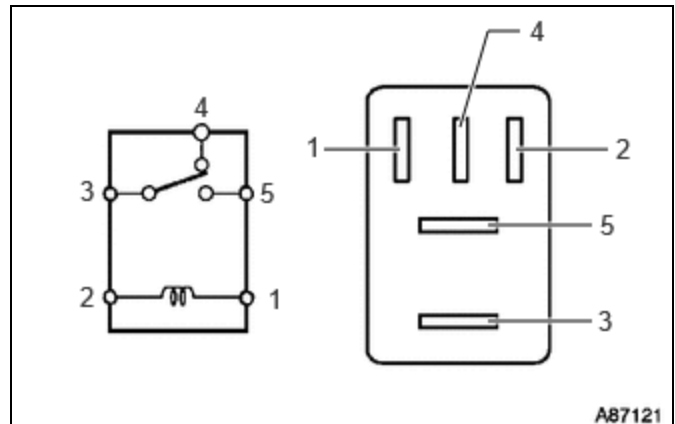
If the result is not as specified, replace the FAN NO. 1 relay.

2. INSPECT FAN NO. 2 RELAY

(a) Measure the resistance according to the value(s) in the table below.

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION	RESULT
3 - 4	Auxiliary battery voltage not applied between terminals 1 and 2	Below 1 Ω	Ω
3 - 4	Auxiliary battery voltage applied between terminals 1 and 2	10 kΩ or higher	kΩ



A87121

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION	RESULT
3 - 5	Auxiliary battery voltage not applied between terminals 1 and 2	10 kΩ or higher	kΩ
3 - 5	Auxiliary battery voltage applied between terminals 1 and 2	Below 1 Ω	Ω

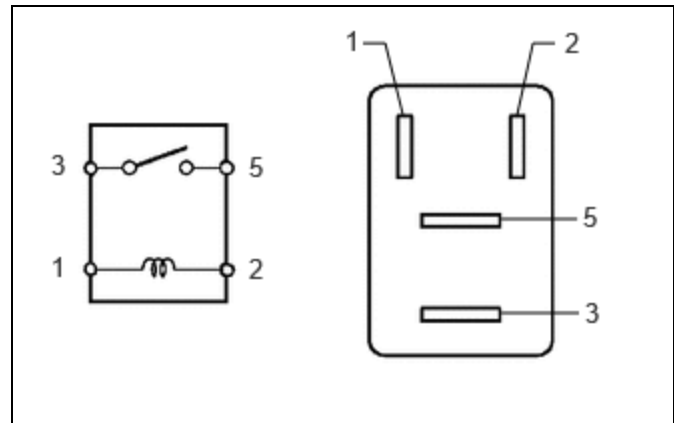
If the result is not as specified, replace the FAN NO. 2 relay.

3. INSPECT FAN NO. 3 RELAY

(a) Measure the resistance according to the value(s) in the table below.

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION	RESULT
3 - 5	Auxiliary battery voltage not applied between terminals 1 and 2	10 kΩ or higher	kΩ
3 - 5	Auxiliary battery voltage applied between terminals 1 and 2	Below 1 Ω	Ω



If the result is not as specified, replace the FAN NO. 3 relay.

