

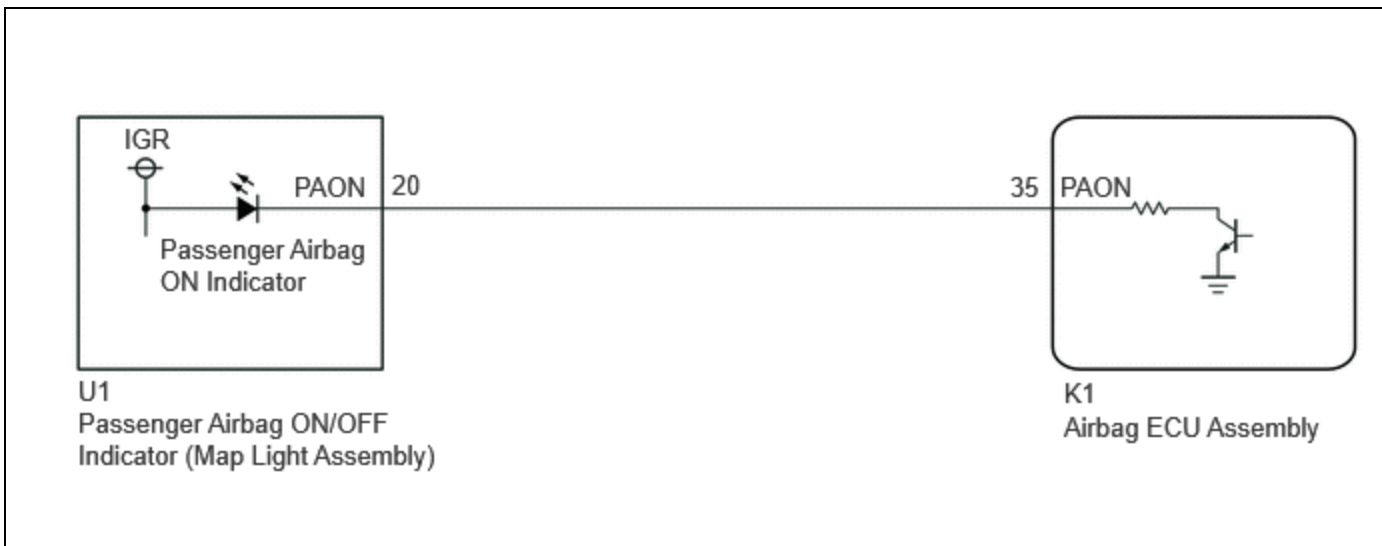
Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000028UX9
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: AIRBAG SYSTEM: B00D212; Restraint System Malfunction Indicator 1 Circuit Short to Battery; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

DTC	B00D212	Restraint System Malfunction Indicator 1 Circuit Short to Battery
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DESCRIPTION

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	TEST MODE / CHECK MODE
B00D212	Restraint System Malfunction Indicator 1 Circuit Short to Battery	<ul style="list-style-type: none"> The airbag ECU assembly detects a short circuit +B signal in the passenger airbag ON/OFF indicator "ON" circuit when the airbag ECU assembly sends an "ON" request signal to the "ON" indicator in the passenger airbag ON/OFF indicator. Passenger airbag ON/OFF indicator malfunction Airbag ECU assembly malfunction 	<ul style="list-style-type: none"> Harness or connector Passenger airbag ON/OFF indicator (map light assembly) Airbag ECU assembly 	Comes on	SRS Airbag	A	Does not apply to test/check mode

WIRING DIAGRAM



CAUTION / NOTICE / HINT

NOTICE:

- After the ignition switch is turned off, there may be a waiting time before disconnecting the negative (-) auxiliary battery terminal.

[Click here](#) **INFO**

HINT:

When disconnecting and reconnecting the auxiliary battery, there is an automatic learning function that completes learning when the respective system is used.

[Click here](#) **INFO**

- After replacing the airbag ECU assembly, refer to work procedure.

[Click here](#) **INFO**

PROCEDURE

1. CHECK CONNECTION OF CONNECTORS

Pre-procedure1

- Turn the ignition switch off.
- Disconnect the cable from the negative (-) auxiliary battery terminal, and wait for at least 60 seconds.

Procedure1

- Check that the connectors are properly connected to the airbag ECU assembly and map light assembly.

OK:

The connectors are properly connected.

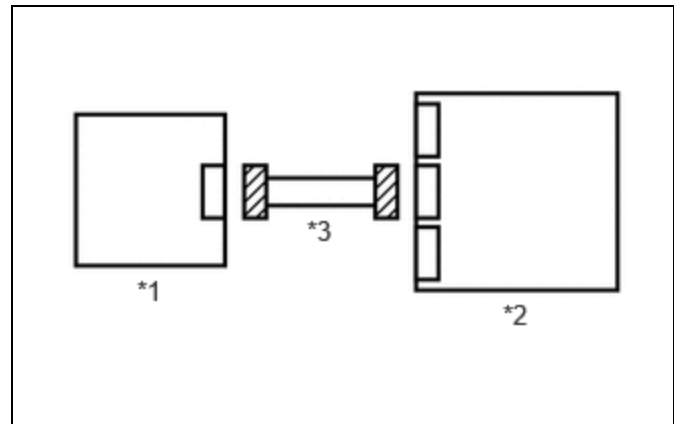
Post-procedure1

- None

NG  **CONNECT CONNECTORS PROPERLY**

OK**2. CHECK CONNECTORS**

Pre-procedure1



(a) Disconnect the airbag ECU assembly connector.

*1	Map Light Assembly
*2	Airbag ECU Assembly
*3	Wire Harness

(b) Disconnect the map light assembly connector.

Procedure1

(c) Check that the terminals of the connectors are not deformed or damaged.

OK:

The terminals are not deformed or damaged.

Post-procedure1

(d) None

NG **REPAIR OR REPLACE HARNESS OR CONNECTOR****OK****3. CHECK HARNESS AND CONNECTOR (CHECK FOR SHORT TO +B IN THE CIRCUIT)**

Pre-procedure1

(a) Connect the cable to the negative (-) auxiliary battery terminal, and wait for at least 2 seconds.

(b) Turn the ignition switch to ON.

Procedure1

(c) Measure the voltage according to the value(s) in the table below.

Standard Voltage:



[Click Location & Routing\(K1,U1\)](#)

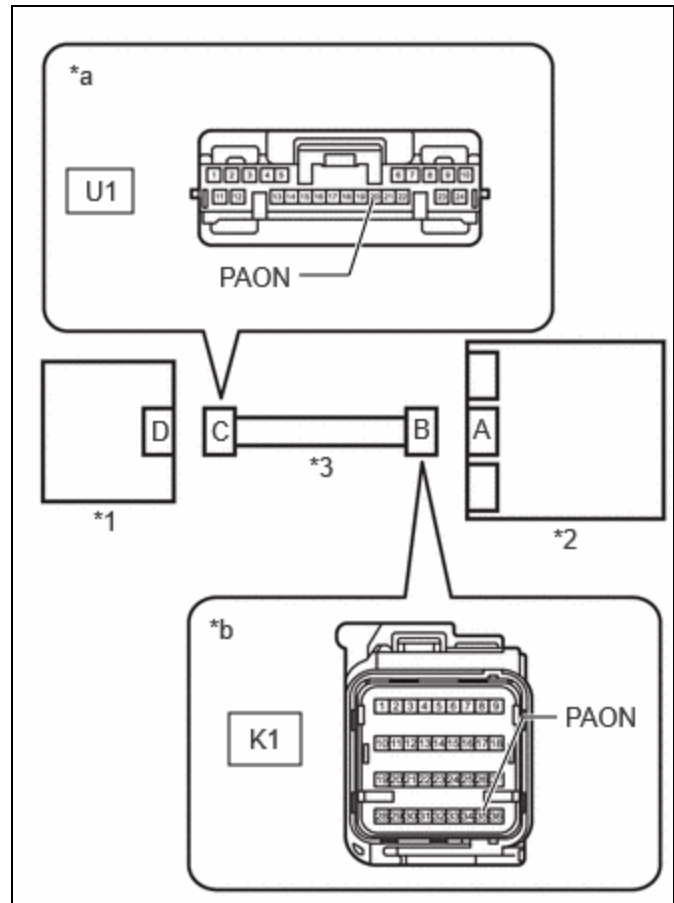
[Click Connector\(K1\)](#)

[Click Connector\(U1\)](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION	RESULT
K1-35 (PAON) or U1-20 (PAON) - Body ground	Ignition switch ON	Below 1 V	V

Result:

PROCEED TO
OK
NG



*1	Map Light Assembly
*2	Airbag ECU Assembly
*3	Wire Harness
*a	Front view of wire harness connector (to Map Light Assembly)
*b	Front view of wire harness connector (to Airbag ECU Assembly)

Post-procedure1

(d) Turn the ignition switch off.

(e) Disconnect the cable from the negative (-) auxiliary battery terminal, and wait for at least 60 seconds.

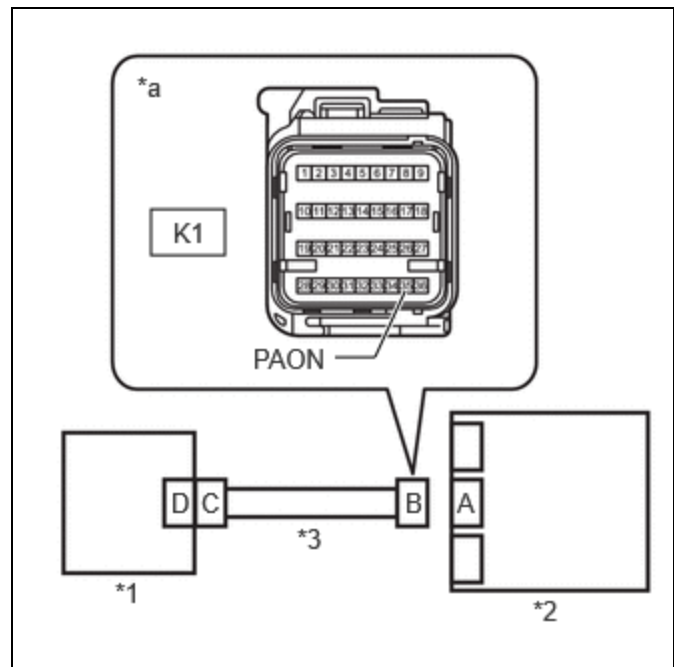
NG ▶ REPAIR OR REPLACE HARNESS OR CONNECTOR



4. CHECK PASSENGER AIRBAG ON/OFF INDICATOR

Pre-procedure1

(a) Connect the map light assembly connector.



*1	Map Light Assembly
*2	Airbag ECU Assembly
*3	Wire Harness
*a	Front view of wire harness connector (to Airbag ECU Assembly)

(b) Using a service wire, connect terminal 35 (PAON) of connector B and body ground.

NOTICE:

Do not forcibly insert the service wire into the terminals of the connector when connecting a service wire.

(c) Connect the cable to the negative (-) auxiliary battery terminal, and wait for at least 2 seconds.

(d) Turn the ignition switch to ON.

Procedure1

(e) Check the passenger airbag ON/OFF indicator operation.

OK:

The passenger airbag ON/OFF indicator "ON" come on.

Post-procedure1

- (f) Turn the ignition switch off.
- (g) Disconnect the cable from the negative (-) auxiliary battery terminal, and wait for at least 60 seconds.
- (h) Disconnect the service wire from connector B.

OK ► REPLACE AIRBAG ECU ASSEMBLY INFO

NG ► REPLACE MAP LIGHT ASSEMBLY

