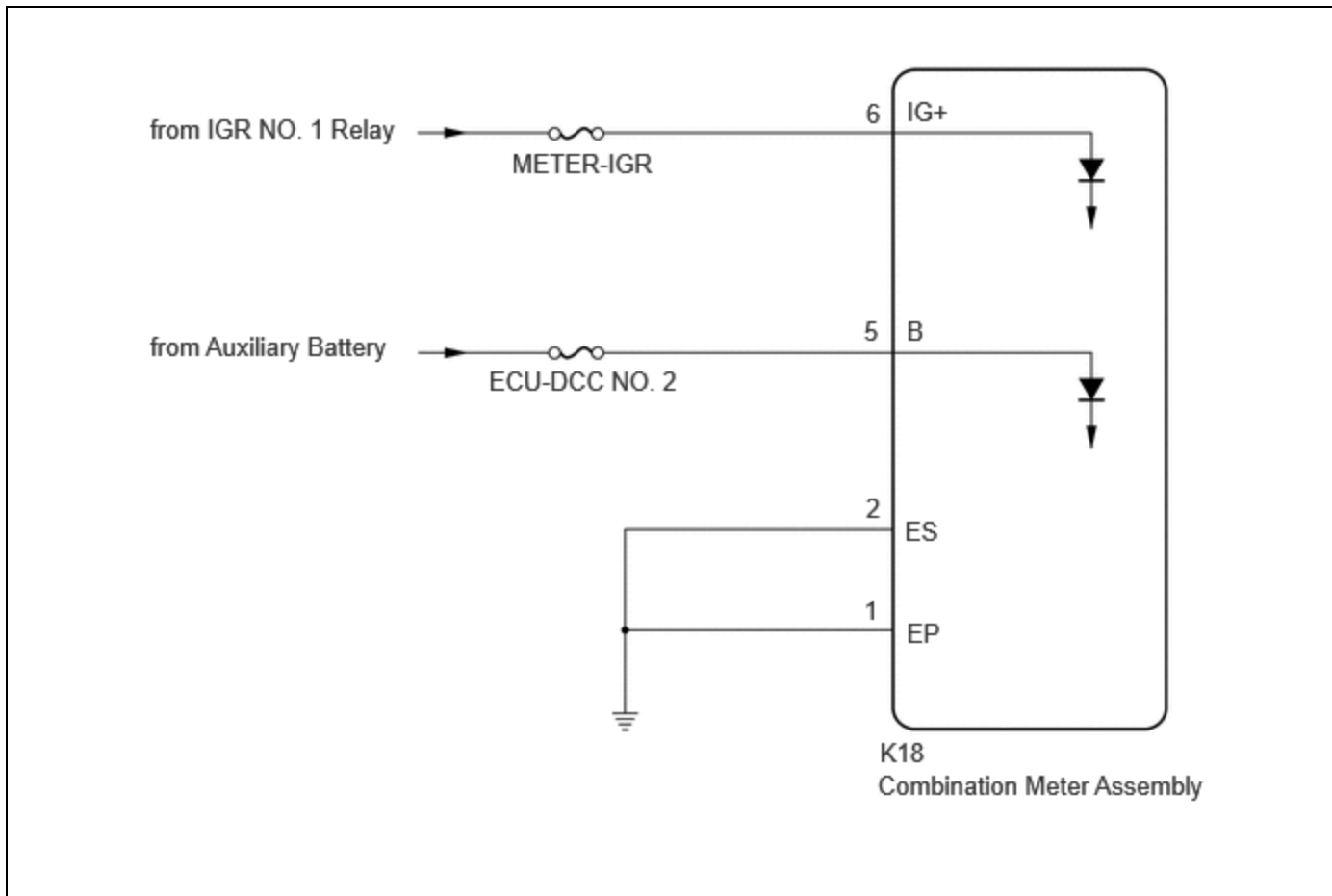


<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM1000000029H15
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> METER / GAUGE / DISPLAY: METER / GAUGE SYSTEM: Power Source Circuit; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

## Power Source Circuit

## WIRING DIAGRAM



## CAUTION / NOTICE / HINT

### NOTICE:

- When replacing the combination meter assembly, always replace it with a new one. If a combination meter assembly which was installed to another vehicle is used, the information stored in it will not match the information from the vehicle and a DTC may be stored.
- When replacing the combination meter assembly, update the ECU security key.

Click here [INFO](#)

- Inspect the fuses of circuits related to this system before performing the following procedure.

## PROCEDURE

### 1. CHECK HARNESS AND CONNECTOR (POWER SOURCE CIRCUIT)

(a) Disconnect the K18 combination meter assembly connector.

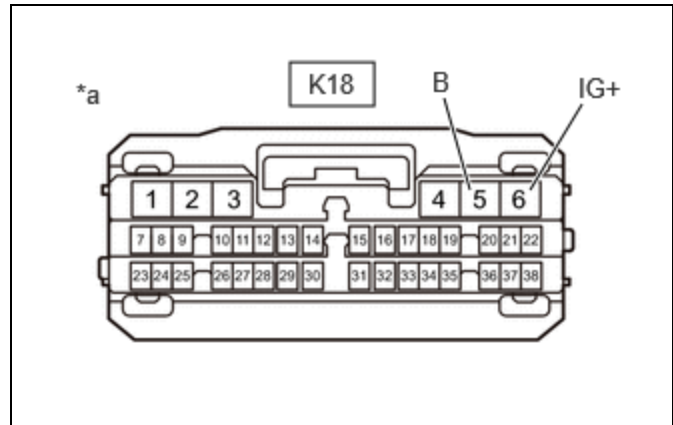
(b) Measure the voltage according to the value(s) in the table below.

Standard Voltage:



[Click Location & Routing\(K18\)](#)

[Click Connector\(K18\)](#)



\*a Front view of wire harness connector (to Combination Meter Assembly)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
K18-5 (B) - Body ground	Ignition switch off	11 to 14 V
K18-6 (IG+) - Body ground	Ignition switch off	Below 1 V
K18-6 (IG+) - Body ground	Ignition switch ON	11 to 14 V

**NG** ▶ REPAIR OR REPLACE HARNESS OR CONNECTOR

**OK**



**2. CHECK HARNESS AND CONNECTOR (COMBINATION METER ASSEMBLY - BODY GROUND)**

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

Standard Resistance:



[Click Location & Routing\(K18\)](#)

[Click Connector\(K18\)](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
K18-1 (EP) - Body ground	Always	Below 1 Ω
K18-2 (ES) - Body ground	Always	Below 1 Ω

**OK** ▶ REPLACE COMBINATION METER ASSEMBLY

**NG** ▶ REPAIR OR REPLACE HARNESS OR CONNECTOR



