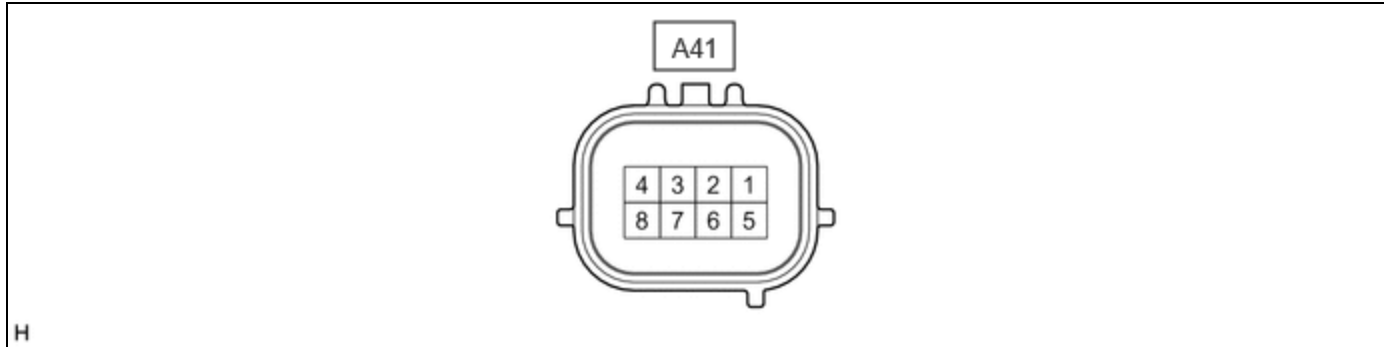


<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM1000000289N6
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [12/2022 -     ]
<b>Title:</b> ADVANCED DRIVER ASSISTANCE SYSTEM: FRONT SIDE RADAR SENSOR SYSTEM: TERMINALS OF ECU; 2023 - 2024 MY Prius Prius Prime [12/2022 -     ]		

## TERMINALS OF ECU

### NOTICE:

- DTCs may be output when connectors are disconnected during inspection. Therefore, be sure to clear the DTCs using the GTS once the inspection has been completed.
- Do not apply excessive force to the front side radar sensor (A) connector.



H

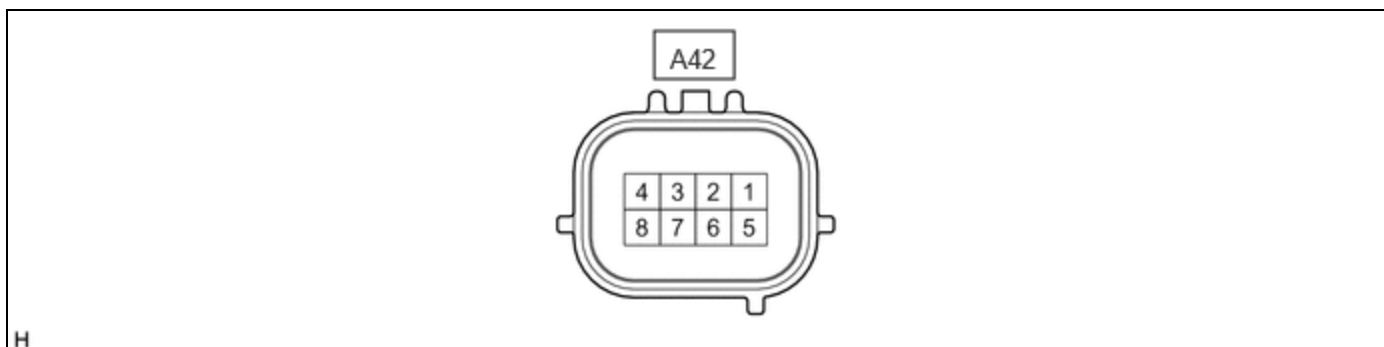
### FRONT SIDE RADAR SENSOR (A)

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

TERMINAL NO. (SYMBOL)	TERMINAL DESCRIPTION	CONDITION	SPECIFIED CONDITION
A41-1 (FMGD) - Body ground	Ground	Always	Below 1 $\Omega$
A41-2 (CA1N)	CAN communication signal	-	-
A41-3 (CA1P)	CAN communication signal	-	-
A41-5 (CA2P)	CAN communication signal	-	-
A41-6 (CA2N)	CAN communication signal	-	-
A41-8 (FMB) - A41-1 (FMGD)	Power source	Ignition switch off	Below 1 V
		Ignition switch ON	11 to 14 V

### NOTICE:

- DTCs may be output when connectors are disconnected during inspection. Therefore, be sure to clear the DTCs using the GTS once the inspection has been completed.
- Do not apply excessive force to the front side radar sensor (B) connector.



H

**FRONT SIDE RADAR SENSOR (B)**

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

TERMINAL NO. (SYMBOL)	TERMINAL DESCRIPTION	CONDITION	SPECIFIED CONDITION
A42-1 (FSGD) - Body ground	Ground	Always	Below 1 $\Omega$
A42-2 (CA1N)	CAN communication signal	-	-
A42-3 (CA1P)	CAN communication signal	-	-
A42-5 (CA2P)	CAN communication signal	-	-
A42-6 (CA2N)	CAN communication signal	-	-
A42-8 (FSB) - A42-1 (FSGD)	Power source	Ignition switch off	Below 1 V
		Ignition switch ON	11 to 14 V

