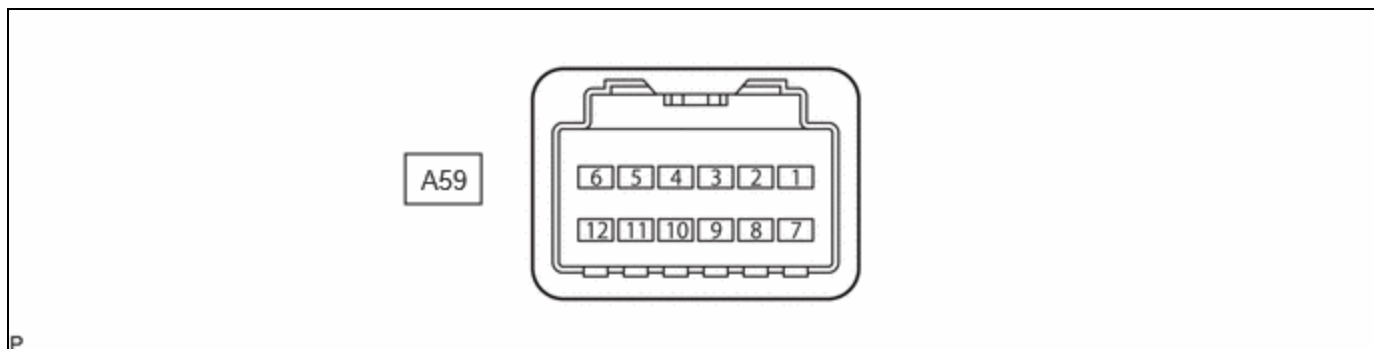


<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM100000028BWR
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> ACOUSTIC VEHICLE ALERTING SYSTEM: ACOUSTIC VEHICLE ALERTING SYSTEM: TERMINALS OF ECU; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

## TERMINALS OF ECU

### CHECK VEHICLE APPROACHING SPEAKER CONTROLLER



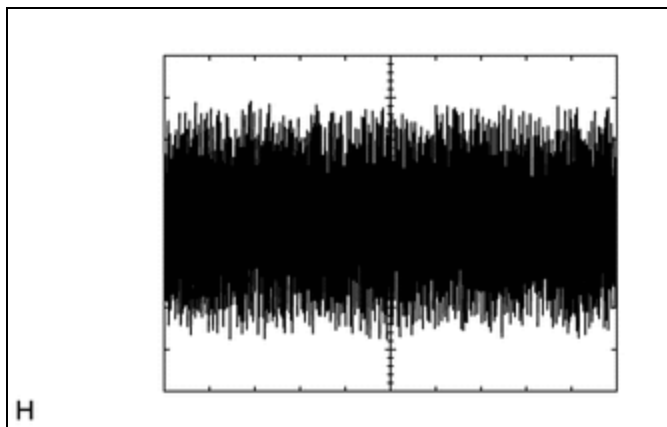
- (a) Disconnect the A59 vehicle approaching speaker controller connector.
- (b) Measure the voltage and resistance according to the value(s) in the table below.

TERMINAL NO. (SYMBOL)	TERMINAL DESCRIPTION	CONDITION	SPECIFIED CONDITION
A59-7 (+B) - Body ground	Power source	Ignition switch off	11 to 14 V
A59-12 (GND) - Body ground	Ground	Always	Below 1 $\Omega$

- (c) Connect the A59 vehicle approaching speaker controller connector.
- (d) Check the signal waveform and check for pulses according to the condition(s) in the table below.

TERMINAL NO. (SYMBOL)	TERMINAL DESCRIPTION	CONDITION	SPECIFIED CONDITION
A59-3 (SP+) - A59-4 (SP-)	Vehicle approaching speaker assembly output	Vehicle approaching speaker assembly operating	A waveform synchronized with the sound is output. (See Waveform)
A59-1 (CANH) - A59-12 (GND)	CAN communication line	Ignition switch ON	Pulse generation
A59-2 (CANL) - A59-12 (GND)	CAN communication line	Ignition switch ON	Pulse generation

(1) Waveform



ITEM	CONDITION
Tester Connection	A59-3 (SP+) - A59-4 (SP-)
Tool Setting	1 V/DIV., 500 ms./DIV.
Condition	Vehicle approaching speaker assembly operating

