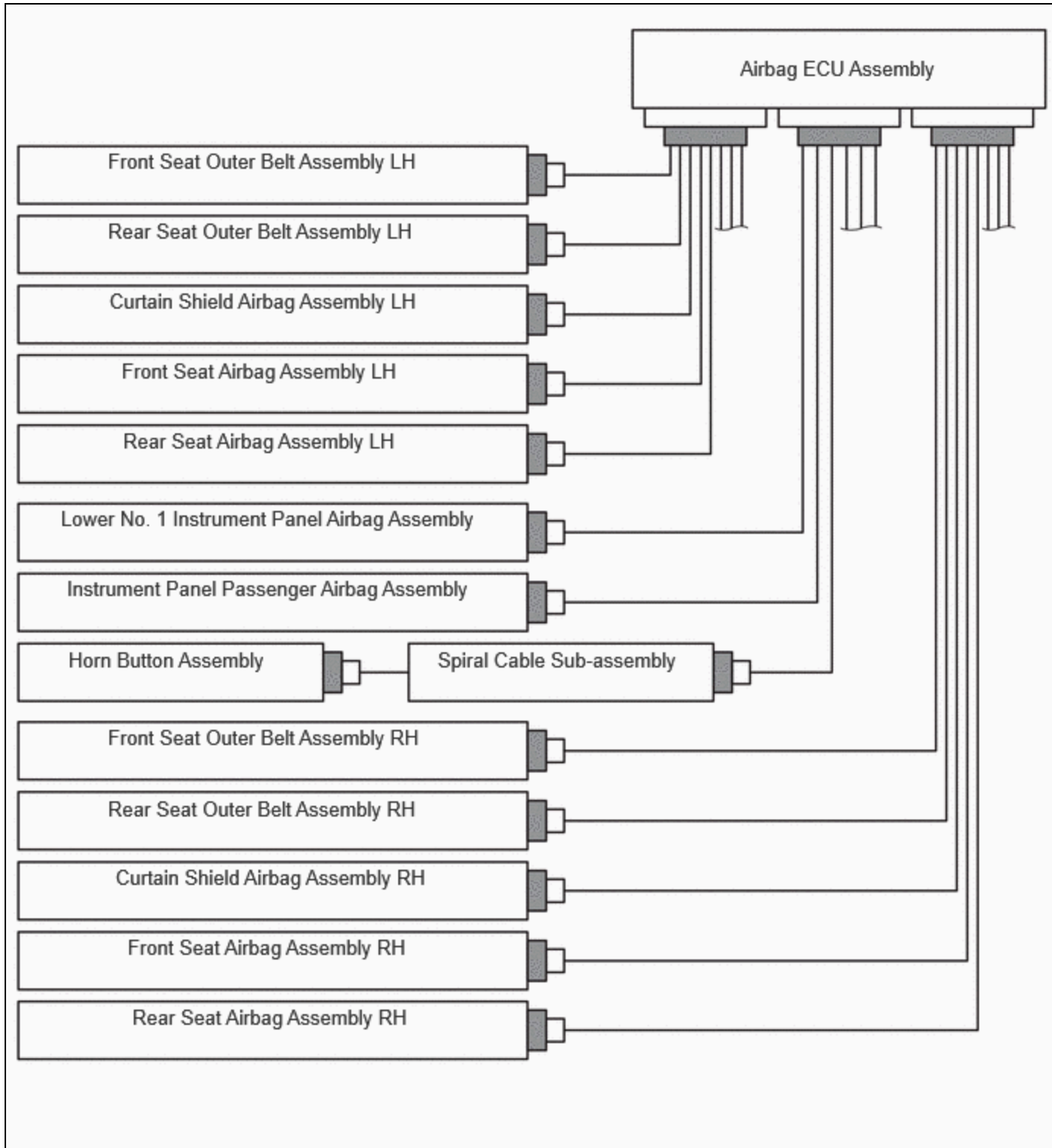



<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM100000028UXL
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> SUPPLEMENTAL RESTRAINT SYSTEMS: AIRBAG SYSTEM: SYSTEM DESCRIPTION; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

## SYSTEM DESCRIPTION

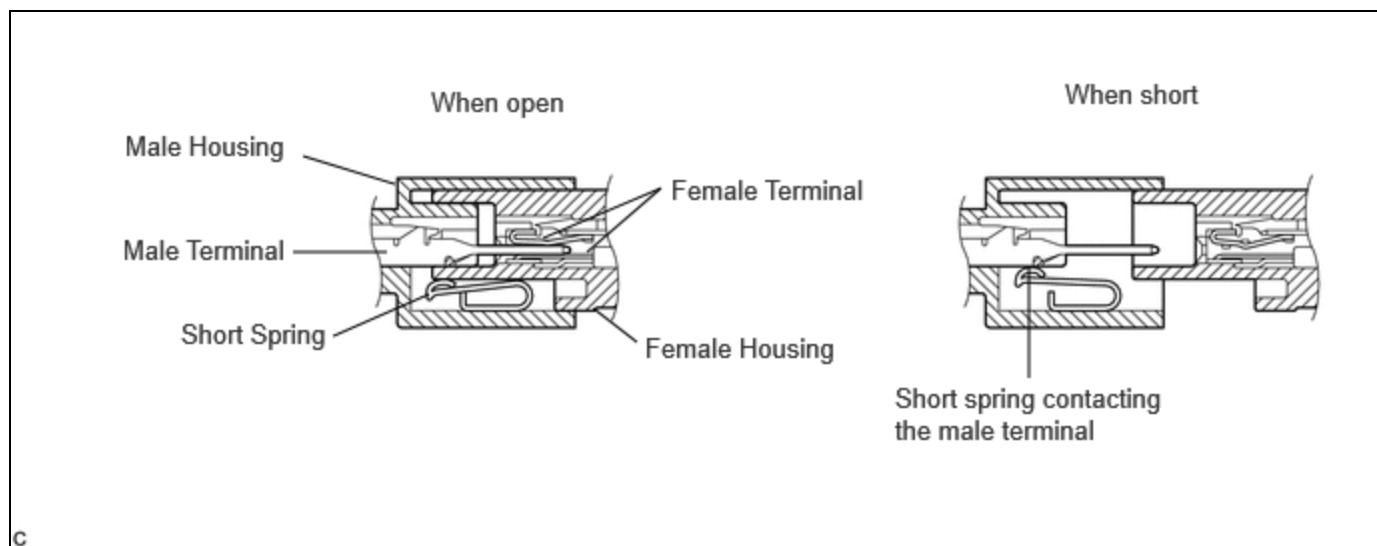
### FUNCTION OF SRS CONNECTORS

(a) Location of activation prevention mechanism



	Activation Prevention Mechanism Connector	-	-
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## (b) Function of activation prevention mechanism



- (1) The activation prevention mechanism is designed to create a short circuit automatically between the positive (+) and negative (-) terminals of an airbag power source connector when disconnected.
- (2) The short spring contained in the connector creates a closed circuit on the airbag side (no potential difference can occur between both terminals), preventing accidental airbag deployment when servicing.

## (c) Releasing of activation prevention mechanism

- (1) To release the activation prevention mechanism, insert a piece of paper with the same thickness as the male terminal (approximately 0.5 mm [0.0197 in.]) between the terminals and short spring to break the connection.
- (2) Refer to the following illustrations concerning connectors utilizing the activation prevention mechanism and its release method.

**CAUTION:**

Never release the activation prevention mechanism on the squib connector even when inspecting with the squib disconnected.

**NOTICE:**

- Do not release the activation prevention mechanism unless specified by the troubleshooting procedure.
- To prevent the terminals and short spring from being damaged, always use a piece of paper with the same thickness as the male terminal.

**HINT:**

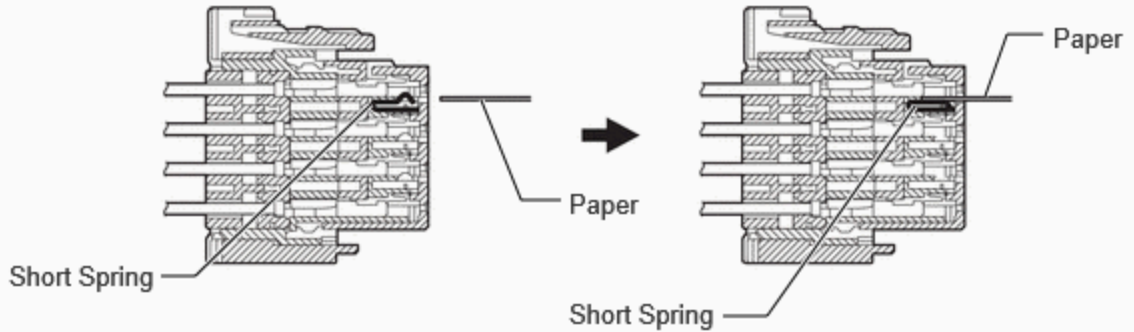
To prevent improper operation due to static electricity, etc., the connector of the SRS airbag squib circuit has a short mechanism, and the airbag terminal is shorted while the connector is disconnected.

Wire Harness Connector (to Airbag ECU Assembly):

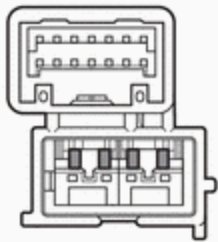


Before Release

After Release

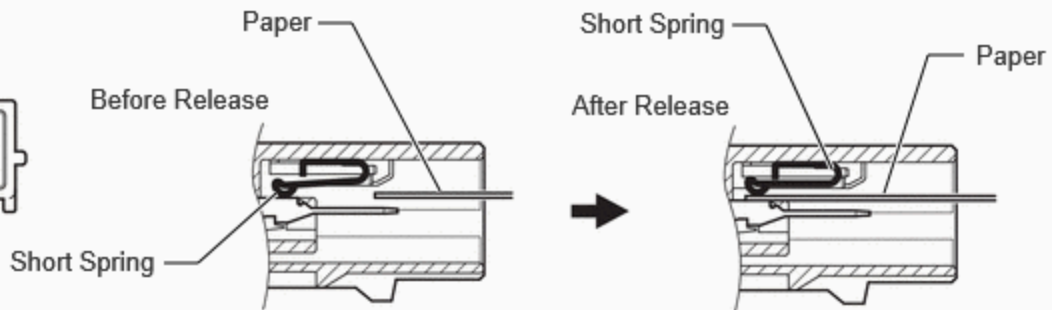



Spiral Cable Sub-assembly Connector:



Before Release

After Release



	Short Spring	-	-
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