

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM10000002C1EX
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: HYBRID / BATTERY CONTROL: HYBRID VEHICLE CONTROL ECU: REMOVAL; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

REMOVAL

CAUTION / NOTICE / HINT

The necessary procedures (adjustment, calibration, initialization or registration) that must be performed after parts are removed and installed, or replaced during hybrid vehicle control ECU removal/installation are shown below.

Necessary Procedures After Parts Removed/Installed/Replaced

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURE	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	LINK
Replacement of hybrid vehicle control ECU	ECU configuration	-	INFO
	Update ECU security key	Vehicle Control History (RoB) are stored	INFO
	Code registration	Hybrid control system cannot be started	INFO
	for PHEV Model: Switch the specification information	Vehicle Control History (RoB) are stored	INFO

NOTICE:

After turning the ignition switch off, waiting time may be required before disconnecting the cable from the negative (-) auxiliary battery terminal.

Click here [INFO](#)

HINT:

When the cable is disconnected / reconnected to the auxiliary battery terminal, systems temporarily stop operating. However, each system has a function that completes learning the first time the system is used.

Items for which learning is completed by driving the vehicle

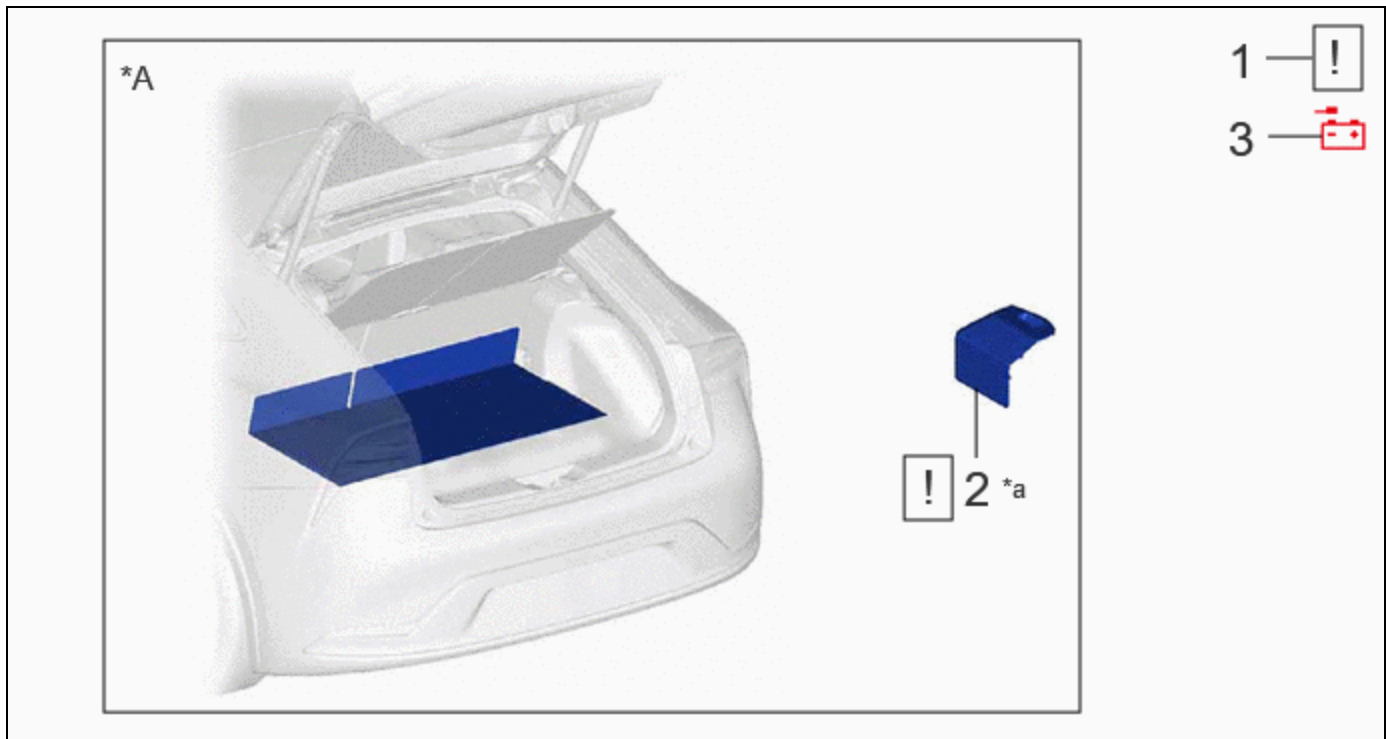
EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	NECESSARY PROCEDURE	LINK
Front Camera System	Drive the vehicle straight ahead at 35 km/h (22 mph) or more for 5 seconds or more.	INFO




Items for which learning is completed by operating the vehicle normally

EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	NECESSARY PROCEDURE	LINK
Power Door Lock Control System*1 <ul style="list-style-type: none"> Back door opener 	Perform door unlock operation with door control switch or electrical key transmitter sub-assembly switch.	INFO
Power Back Door System*2	Reset back door close position	INFO
Air Conditioning System	<p>for HEV Model:</p> <p>After the ignition switch is turned to ON, the servo motor standard position is recognized.</p> <p>for PHEV Model:</p> <p>After the ignition switch is turned to ON, the servo motor and expansion valve standard position is recognized.</p>	-
<p>*1: w/o Power Back Door System</p> <p>*2: w/ Power Back Door System</p>		

CAUTION / NOTICE / HINT




COMPONENTS (REMOVAL)

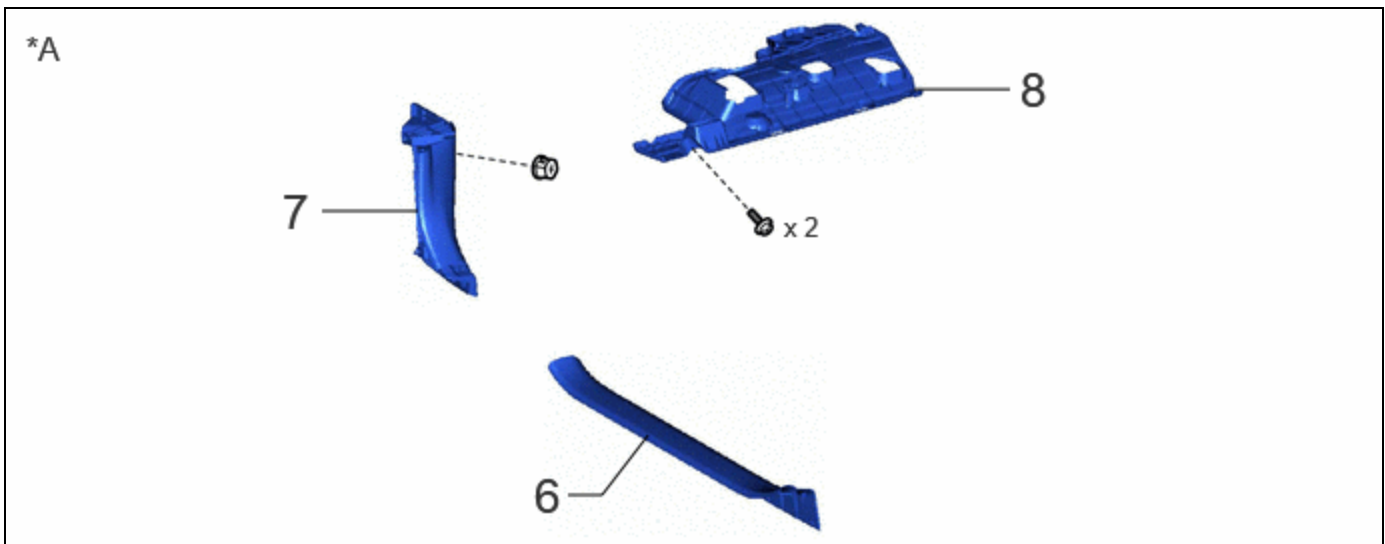





	PROCEDURE	PART NAME CODE			
1	PRECAUTION	-	INFO	-	-
2	BATTERY SERVICE HOLE COVER ASSEMBLY	58440	INFO	-	-
3	DISCONNECT CABLE FROM NEGATIVE AUXILIARY BATTERY TERMINAL	-	-	-	-

*A	for M20A-FXS	-	-
*a	<p>HINT: As the illustration shown is an example, the actual details may differ.</p>	-	-

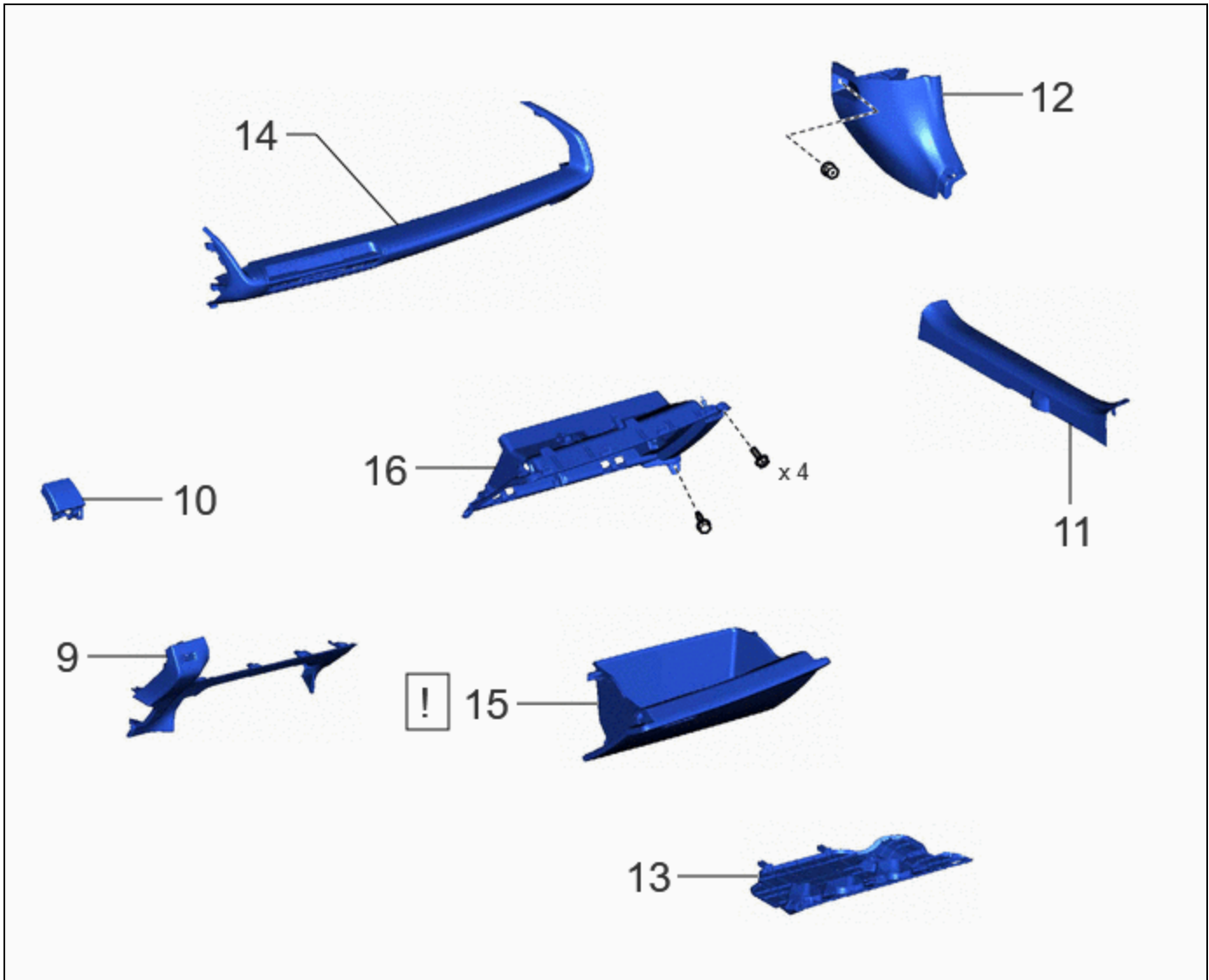





	PROCEDURE	PART NAME CODE			
4	FRONT DOOR OPENING TRIM WEATHERSTRIP RH	62311B	-	-	-
5	INSTRUMENT SIDE PANEL RH	55317A	-	-	-






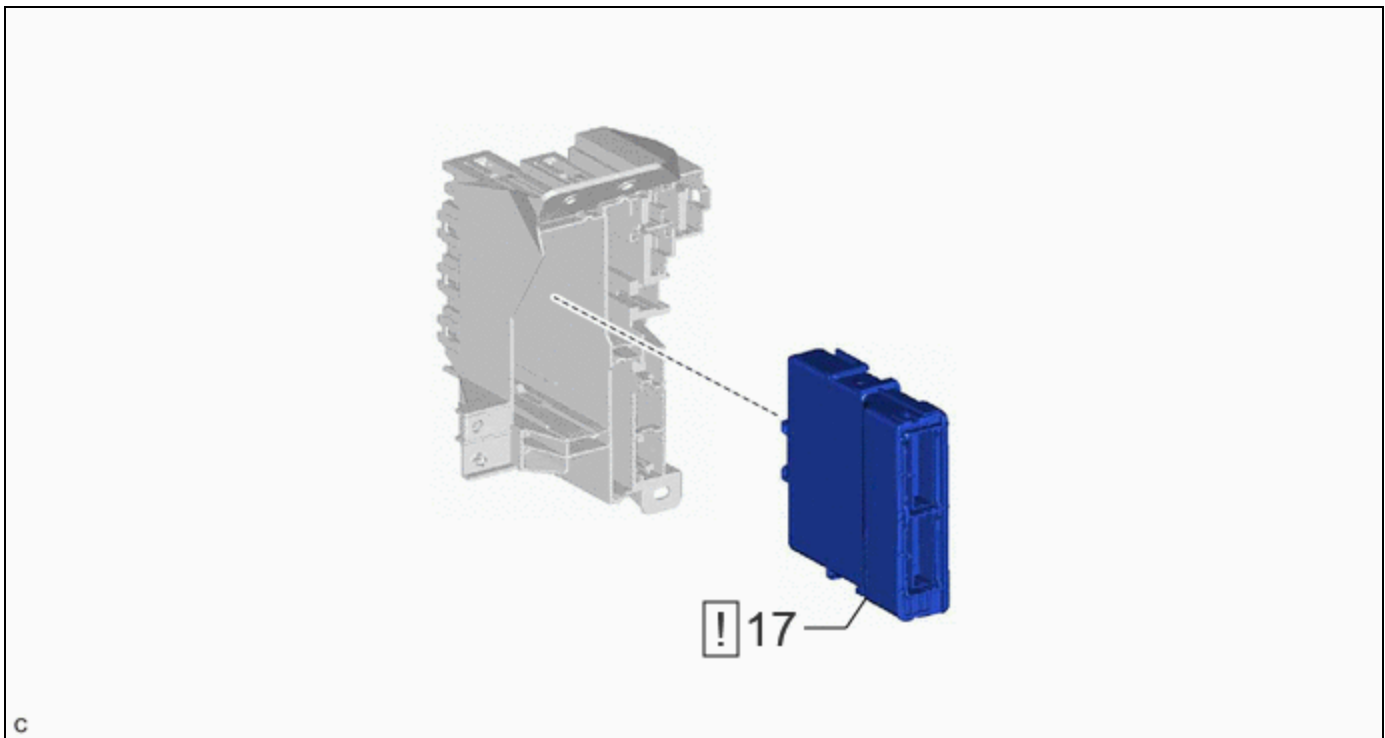
	PROCEDURE	PART NAME CODE			
6	FRONT DOOR SCUFF PLATE LH	67914	-	-	-
7	COWL SIDE TRIM BOARD LH	62112	-	-	-
8	NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY	55606	-	-	-




*A	w/ Knee Airbag	-	-
----	----------------	---	---



	PROCEDURE	PART NAME CODE			
9	LOWER CENTER INSTRUMENT PANEL FINISH PANEL	55434B	-	-	-
10	LOWER CENTER INSTRUMENT CLUSTER FINISH PANEL SUB-ASSEMBLY	55406B	-	-	-


PROCEDURE		PART NAME CODE			
11	FRONT DOOR SCUFF PLATE RH	67913	-	-	-
12	COWL SIDE TRIM BOARD RH	62111C	-	-	-
13	NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY	55607	-	-	-
14	NO. 2 INSTRUMENT PANEL GARNISH SUB-ASSEMBLY WITH AIR CONDITIONING CONTROL ASSEMBLY	-	-	-	-
15	GLOVE COMPARTMENT DOOR ASSEMBLY	55550	INFO	-	-
16	LOWER INSTRUMENT PANEL SUB-ASSEMBLY	55303B	-	-	-



PROCEDURE		PART NAME CODE			
17	HYBRID VEHICLE CONTROL ECU	89980B	INFO	-	-

PROCEDURE

1. PRECAUTION

	Click here INFO
---	---------------------------------

2. REMOVE BATTERY SERVICE HOLE COVER ASSEMBLY (for M20A-FXS)



Click here [INFO](#)

3. DISCONNECT CABLE FROM NEGATIVE AUXILIARY BATTERY TERMINAL

(a) for M20A-FXS:

Click here [INFO](#)

(b) for 2ZR-FXE:

Click here [INFO](#)

4. DISCONNECT FRONT DOOR OPENING TRIM WEATHERSTRIP RH

Click here [INFO](#)

5. REMOVE INSTRUMENT SIDE PANEL RH

Click here [INFO](#)

6. REMOVE FRONT DOOR SCUFF PLATE LH (w/ Knee Airbag)

Click here [INFO](#)

7. REMOVE COWL SIDE TRIM BOARD LH (w/ Knee Airbag)

Click here [INFO](#)

8. REMOVE NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY (w/ Knee Airbag)

Click here [INFO](#)

9. REMOVE LOWER CENTER INSTRUMENT PANEL FINISH PANEL

Click here [INFO](#)

10. REMOVE LOWER CENTER INSTRUMENT CLUSTER FINISH PANEL SUB-ASSEMBLY

Click here [INFO](#)

11. REMOVE FRONT DOOR SCUFF PLATE RH

(a) Use the same procedure as for the LH side.

Click here [INFO](#)

12. REMOVE COWL SIDE TRIM BOARD RH

(a) Use the same procedure as for the LH side.

Click here [INFO](#)

13. REMOVE NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY

Click here [INFO](#)

14. REMOVE NO. 2 INSTRUMENT PANEL GARNISH SUB-ASSEMBLY WITH AIR CONDITIONING CONTROL ASSEMBLY

Click here [INFO](#)

15. REMOVE GLOVE COMPARTMENT DOOR ASSEMBLY

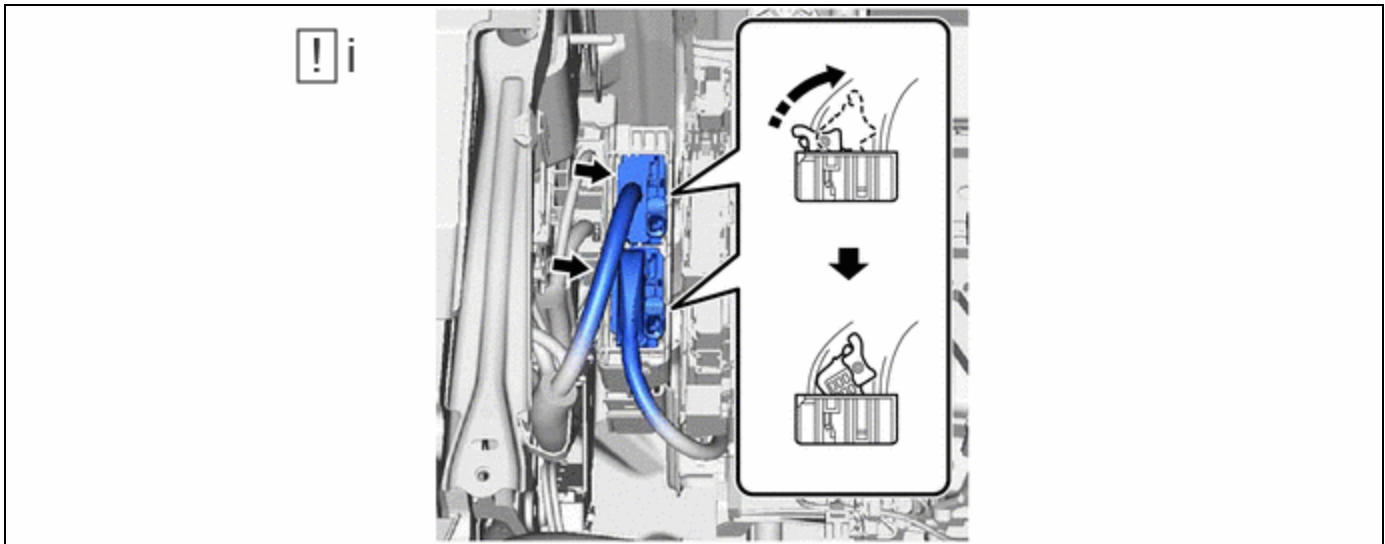
	Click here INFO
--	---------------------------------

16. REMOVE LOWER INSTRUMENT PANEL SUB-ASSEMBLY

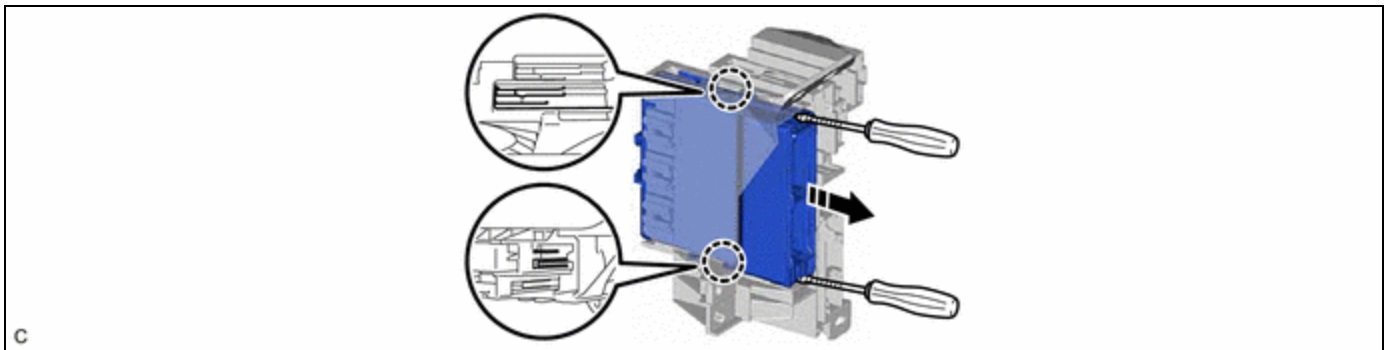
Click here [INFO](#)

17. REMOVE HYBRID VEHICLE CONTROL ECU

	<p>NOTICE: Do not bend the 2 claws more than necessary.</p>
--	--



(1) Disconnect the 2 hybrid vehicle control ECU connectors as shown in the illustration.



	Remove in this Direction	-	-
--	--------------------------	---	---

