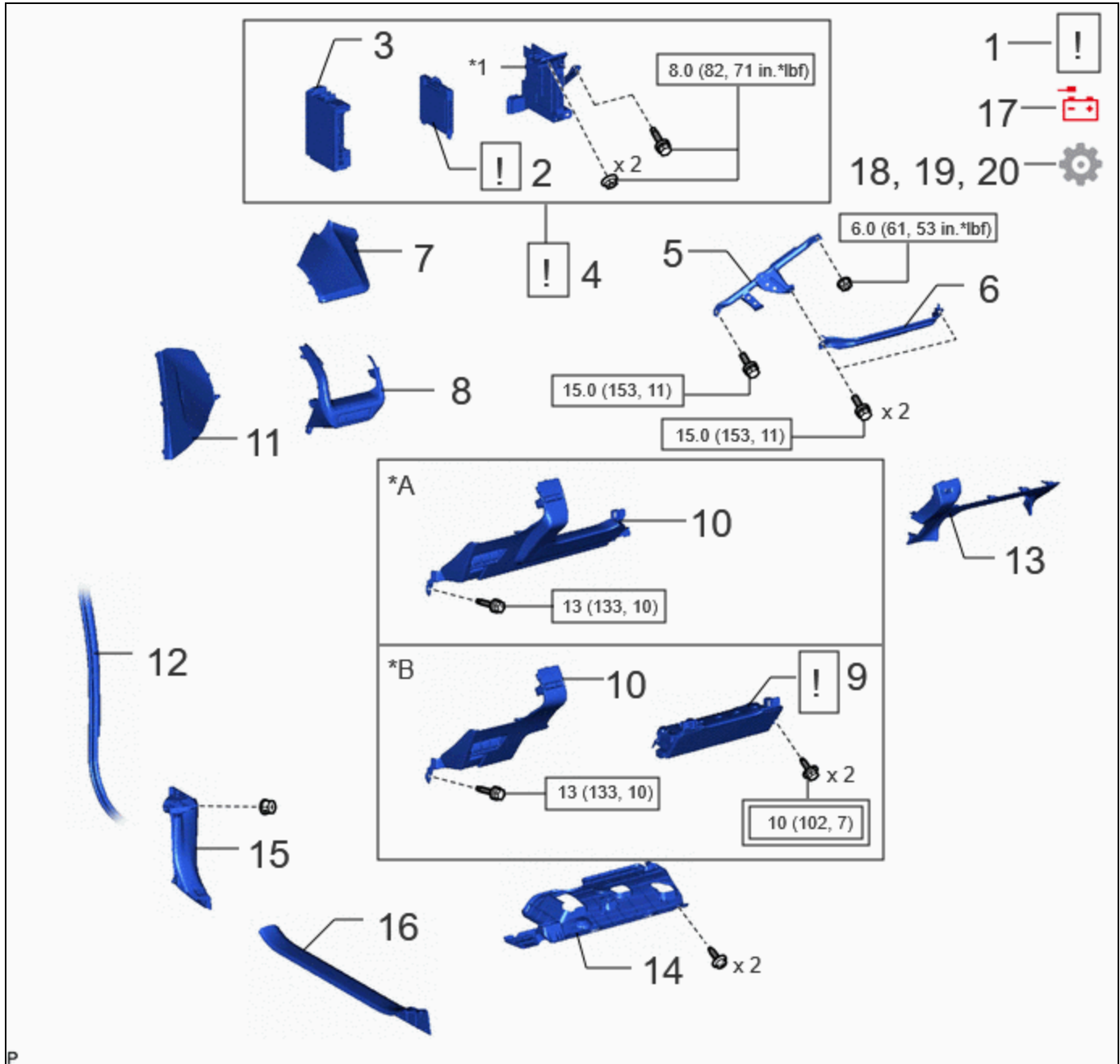





Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000002A2AI
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: POWER DISTRIBUTION: MAIN BODY ECU: INSTALLATION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		



INSTALLATION

CAUTION / NOTICE / HINT

COMPONENTS (INSTALLATION)




PROCEDURE		PART NAME CODE			
1	PRECAUTION	-	INFO	-	-
2	MAIN BODY ECU (MULTIPLEX NETWORK BODY ECU)	89221	INFO	-	-
3	POWER DISTRIBUTION BOX ASSEMBLY	82730G	-	-	-
4	JUNCTION BLOCK BRACKET WITH POWER DISTRIBUTION BOX ASSEMBLY	-	INFO	-	-
5	NO. 3 INSTRUMENT PANEL TO COWL BRACE SUB-ASSEMBLY	55308B	-	-	-
6	NO. 2 KNEE PROTECTOR BRACKET	55462C	-	-	-
7	NO. 1 INSTRUMENT PANEL GARNISH SUB-ASSEMBLY	55011A	-	-	-
8	INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY	55410C	-	-	-
9	LOWER NO. 1 INSTRUMENT PANEL AIRBAG ASSEMBLY	73900	INFO	-	-
10	LOWER INSTRUMENT PANEL FINISH PANEL ASSEMBLY	55480D	-	-	-
11	INSTRUMENT SIDE PANEL LH	55318C	-	-	-
12	FRONT DOOR OPENING TRIM WEATHERSTRIP LH	62312B	-	-	-
13	LOWER CENTER INSTRUMENT PANEL FINISH PANEL	55434B	-	-	-
14	NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY	55606	-	-	-
15	COWL SIDE TRIM BOARD LH	62112	-	-	-
16	FRONT DOOR SCUFF PLATE LH	67914	-	-	-
17	CONNECT CABLE TO NEGATIVE AUXILIARY BATTERY TERMINAL	-	-	-	-
18	ECU CODE REGISTRATION	-	-	-	INFO
19	PERFORM INITIALIZATION	-	-	-	INFO
20	INITIALIZATION AFTER RECONNECTING BATTERY TERMINAL	-	-	-	INFO

*A	w/o Knee Airbag	*B	w/ Knee Airbag
*1	JUNCTION BLOCK BRACKET	-	-
	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)		N*m (kgf*cm, ft.*lbf): Specified torque


CAUTION / NOTICE / HINT

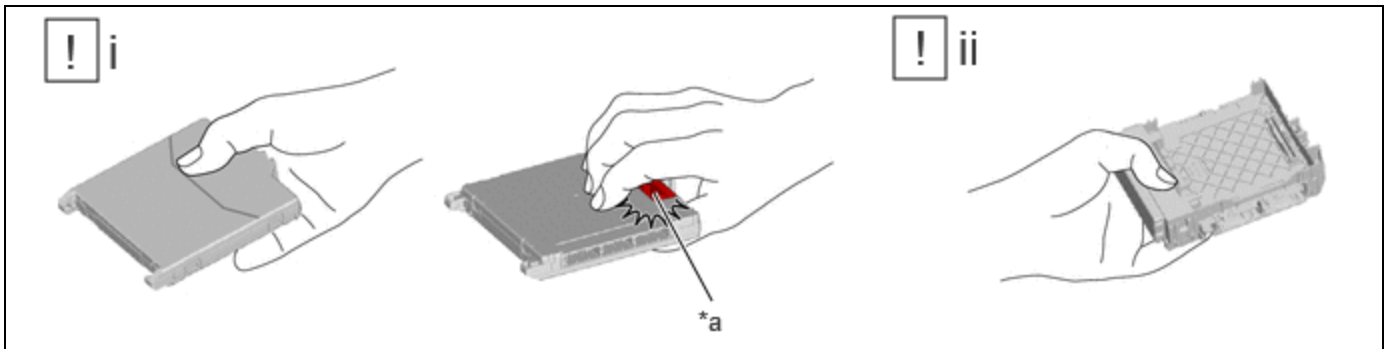
PROCEDURE

1. PRECAUTION

	<p>NOTICE:</p> <ul style="list-style-type: none"> When installing the main body ECU (multiplex network body ECU), always replace it with a new one. Before replacing the main body ECU (multiplex network body ECU), refer to Service Bulletin.
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2. INSTALL MAIN BODY ECU (MULTIPLEX NETWORK BODY ECU)

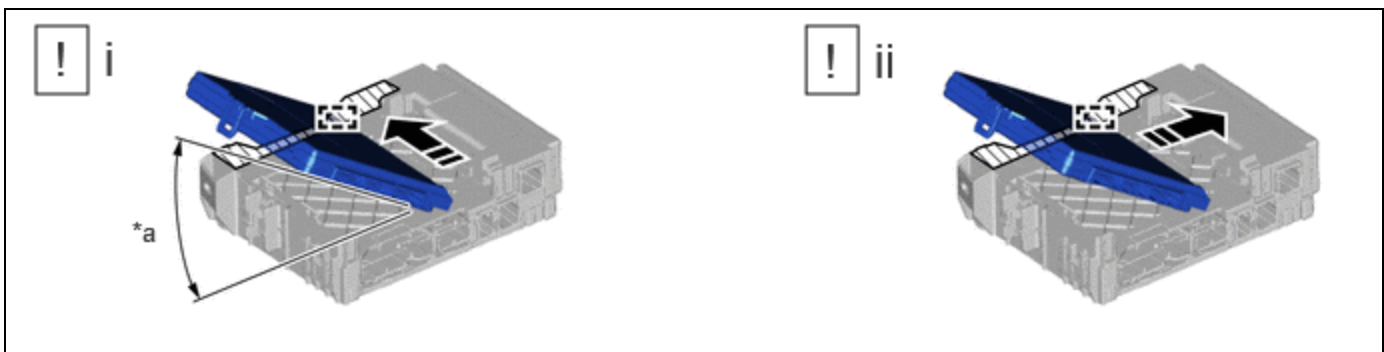
	<p>NOTICE:</p> <ul style="list-style-type: none"> Do not touch the connector. Make sure foreign matter does not enter the terminals.
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*a	Internal Connector	-	-
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- (1) Hold the main body ECU (multiplex network body ECU) with your dominant hand.
- (2) Hold the power distribution box with your other hand.

NOTICE:
Make sure there is no foreign matter in the fitting surface.

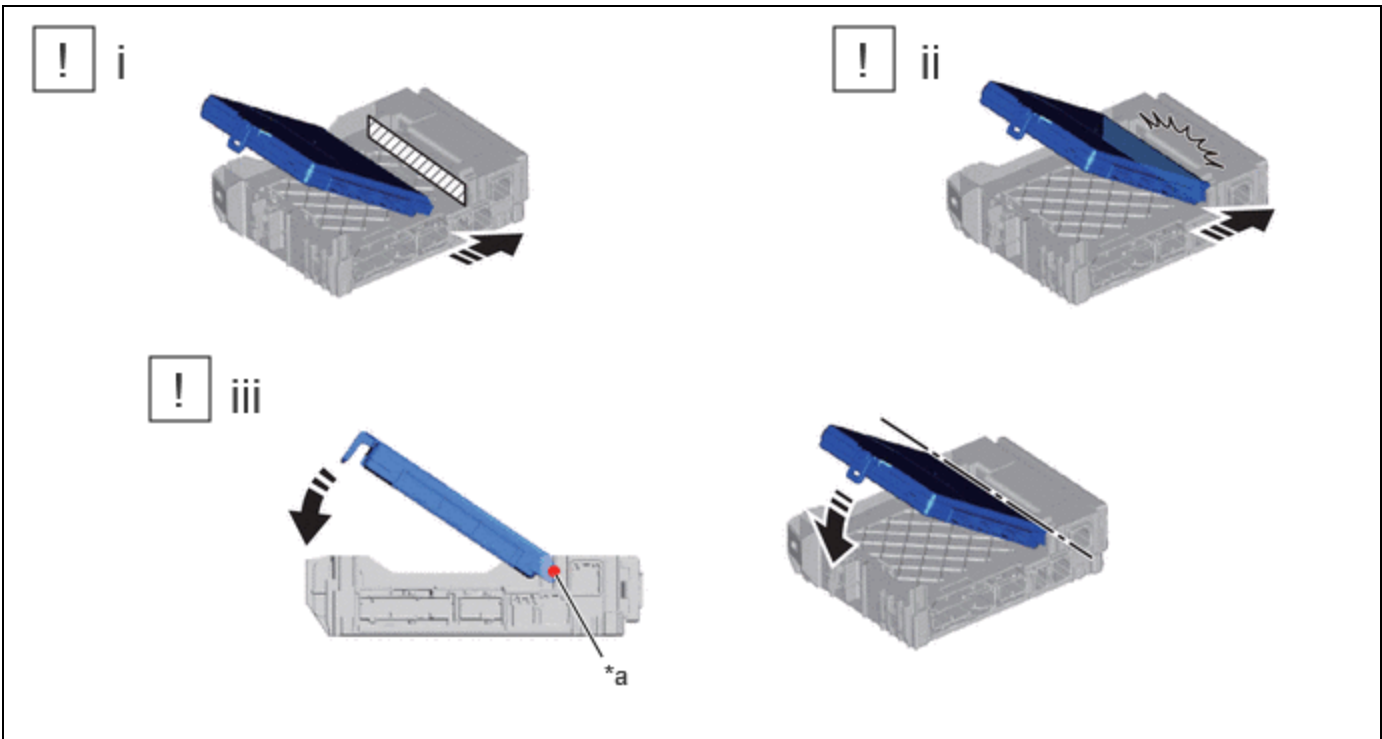


*a	20° or more	-	-
	Housing Sidewall		Slide in this Direction

- (1) Set the guide of the main body ECU (multiplex network body ECU) against the housing sidewall.

HINT:
Make sure the angle between the power distribution box and the main body ECU (multiplex network body ECU) is 20° or more.

(2) Slide the guide of the main body ECU (multiplex network body ECU) along the housing sidewall in the direction indicated by the arrow.



*a	Center of Rotation	-	-
	Side A		Install in this Direction

(1) Slide the main body ECU (multiplex network body ECU) until it contacts side A.

NOTICE:

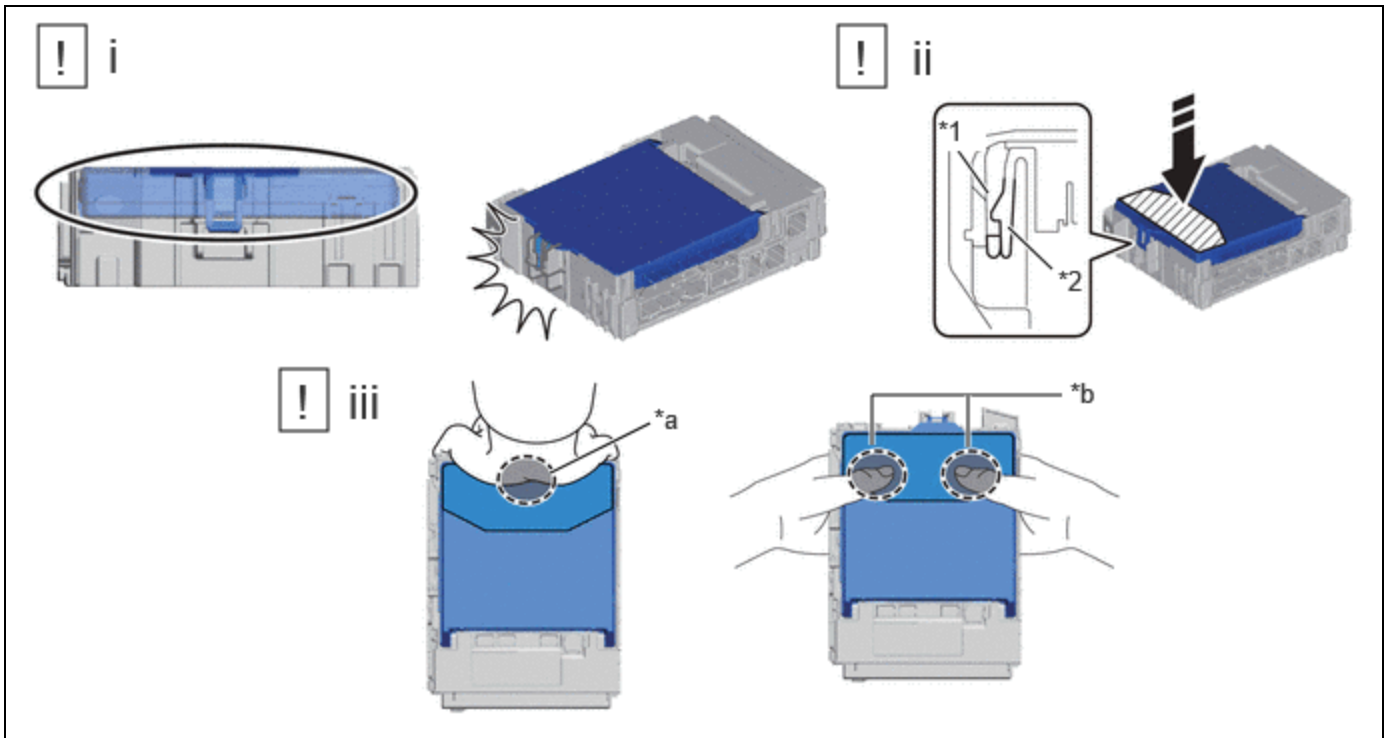
Do not allow side A to contact the main body ECU (multiplex network body ECU) too hard




(2) Pressing the main body ECU (multiplex network body ECU) against side A (center of rotation) of the power distribution box.

(3) Rotate it until it enters the lock of the power distribution box.

HINT:

The center of rotation is the one that contacts side A.



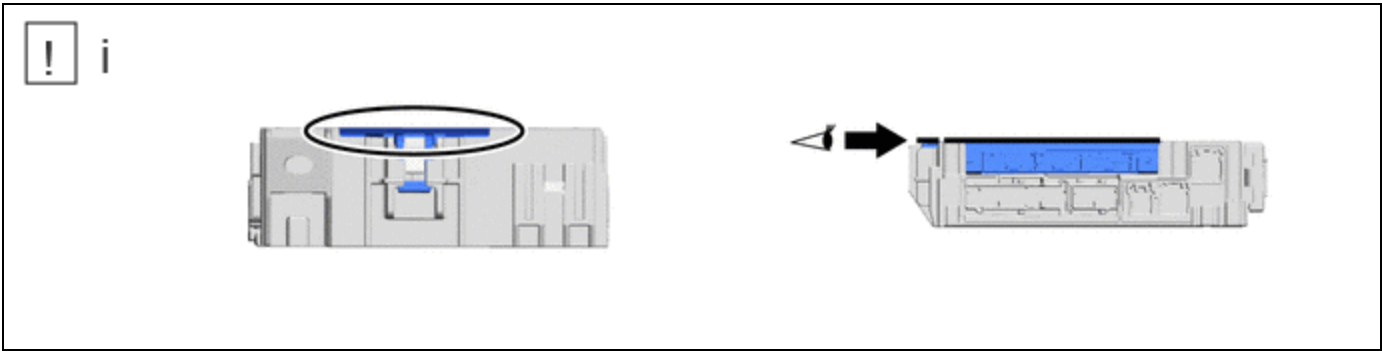
*1	Main body ECU (multiplex network body ECU)	*2	ECU Integration Box LH
*a	Press the center of the main body ECU (multiplex network body ECU) with one hand.	*b	Press the 2 sides of the main body ECU (multiplex network body ECU) with both hands.
	Install in this Direction		Pressing Area
	Place fingers or the palm of your hand here	-	-

- (1) Check the engagement of the main body ECU (multiplex network body ECU) and the power distribution box by the locking sound.
- (2) Press the pressing area of the main body ECU (multiplex network body ECU).

NOTICE:

Do not hit on or put your weight on the main body ECU (multiplex network body ECU) when engaging the main body ECU (multiplex network body ECU).

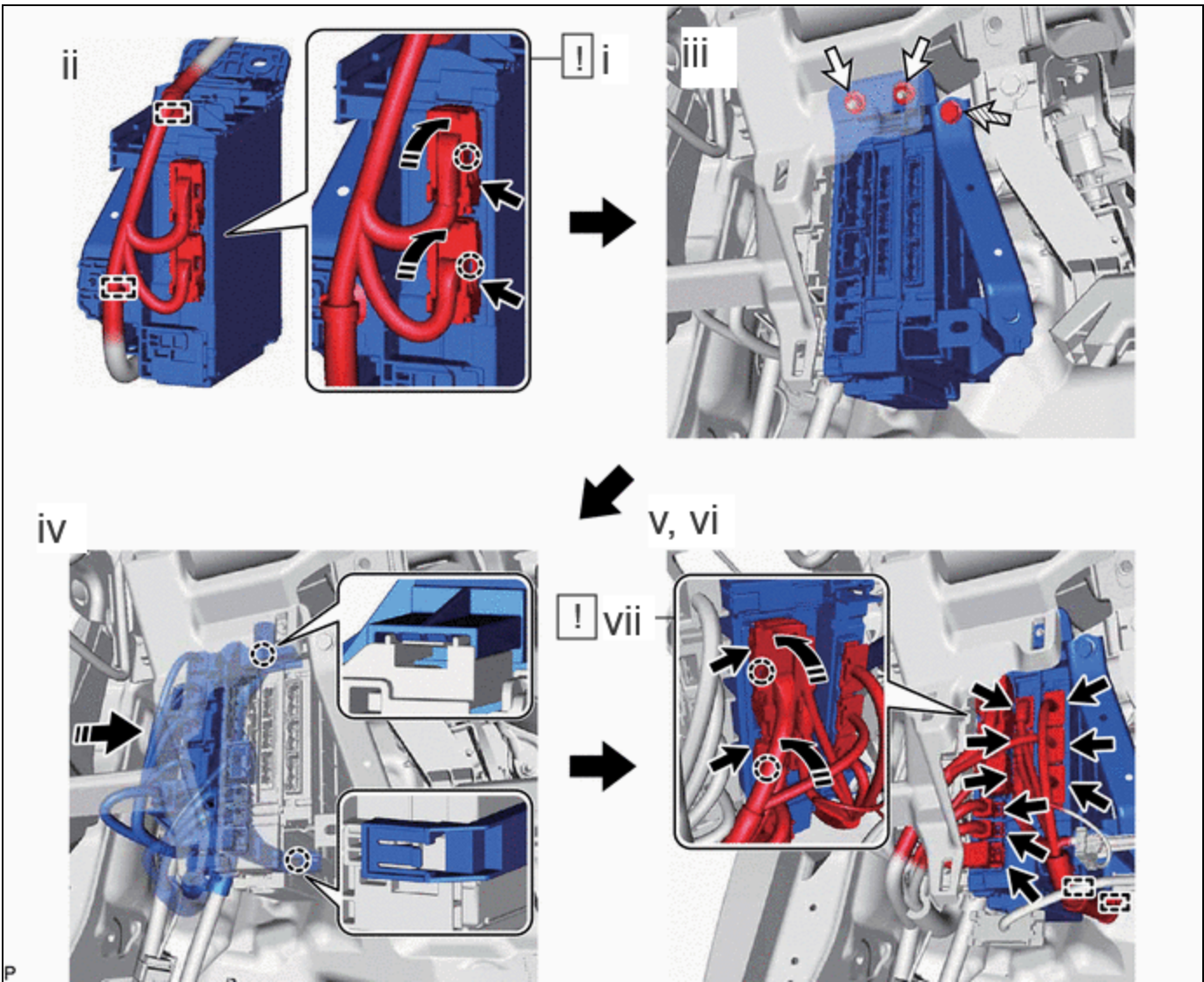
- (3) Press it in one of the following ways.




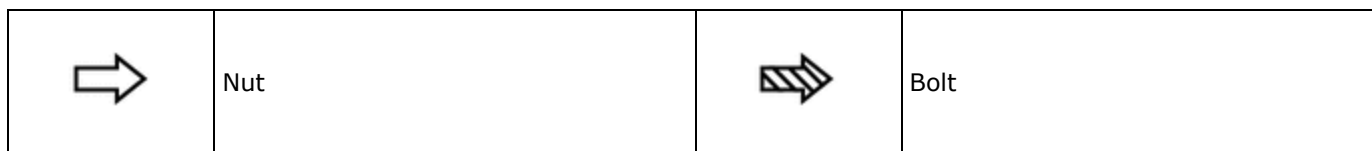
(1) Check that the back side of the main body ECU (multiplex network body ECU) and the rib surrounding the power distribution box are the same height.

3. INSTALL POWER DISTRIBUTION BOX ASSEMBLY

4. INSTALL JUNCTION BLOCK BRACKET WITH POWER DISTRIBUTION BOX ASSEMBLY



	Install in this Direction		Connector
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(1) As shown in the illustration, engage the 2 claws and 2 lever connectors.

NOTICE:

Make sure that the claws of the lever connectors are securely engaged.

(2) Engage the 2 clamps.

(3) Install the junction block bracket with power distribution box assembly with the bolt and 2 nuts.

Torque:

8.0 N·m {82 kgf·cm, 71 in·lbf}

(4) As shown in the illustration, engage the clamp and claw and connect the connector holder.

(5) Engage the 2 clamps.

(6) Connect the 8 connectors.

(7) As shown in the illustration, engage the 2 claws and 2 lever connectors.

NOTICE:

Make sure that the claws of the lever connectors are securely engaged.

5. INSTALL NO. 3 INSTRUMENT PANEL TO COWL BRACE SUB-ASSEMBLY

Torque:

Bolt :

15 N·m {153 kgf·cm, 11 ft·lbf}

Nut :

6.0 N·m {61 kgf·cm, 53 in·lbf}

6. INSTALL NO. 2 KNEE PROTECTOR BRACKET

Torque:

15 N·m {153 kgf·cm, 11 ft·lbf}

7. INSTALL NO. 1 INSTRUMENT PANEL GARNISH SUB-ASSEMBLY

8. INSTALL INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY

9. INSTALL LOWER NO. 1 INSTRUMENT PANEL AIRBAG ASSEMBLY (w/ Knee Airbag)



10. INSTALL LOWER INSTRUMENT PANEL FINISH PANEL ASSEMBLY

11. INSTALL INSTRUMENT SIDE PANEL LH

12. CONNECT FRONT DOOR OPENING TRIM WEATHERSTRIP

13. INSTALL LOWER CENTER INSTRUMENT PANEL FINISH PANEL

14. INSTALL NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY

15. INSTALL COWL SIDE TRIM BOARD LH

16. INSTALL FRONT DOOR SCUFF PLATE LH**17. CONNECT CABLE TO NEGATIVE AUXILIARY BATTERY TERMINAL**

(a) for M20A-FXS:

Click here [INFO](#)

(b) for 2ZR-FXE:

Click here [INFO](#)

18. ECU CODE REGISTRATION

(a) If the main body ECU (multiplex network body ECU) has been replaced, perform ECU configuration.

Click here [INFO](#)

19. PERFORM INITIALIZATION

Click here [INFO](#)

20. INITIALIZATION AFTER RECONNECTING AUXILIARY BATTERY TERMINAL**HINT:**

When disconnecting and reconnecting the battery, there is an automatic learning function that completes learning when the respective system is used.

Click here [INFO](#)

