

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000002B2J1
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: M20A-FXS (INTAKE / EXHAUST): EXHAUST MANIFOLD: 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 exhaust manifold 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
<ul style="list-style-type: none"> Replacement of air fuel ratio sensor (sensor 1) Gas leak from exhaust system is repaired 	Inspection after repair	<ul style="list-style-type: none"> Poor idle, etc. Engine start function, etc. 	INFO

CAUTION:

- To prevent burns, do not touch the engine, exhaust manifold or other high temperature components while the



engine is hot.

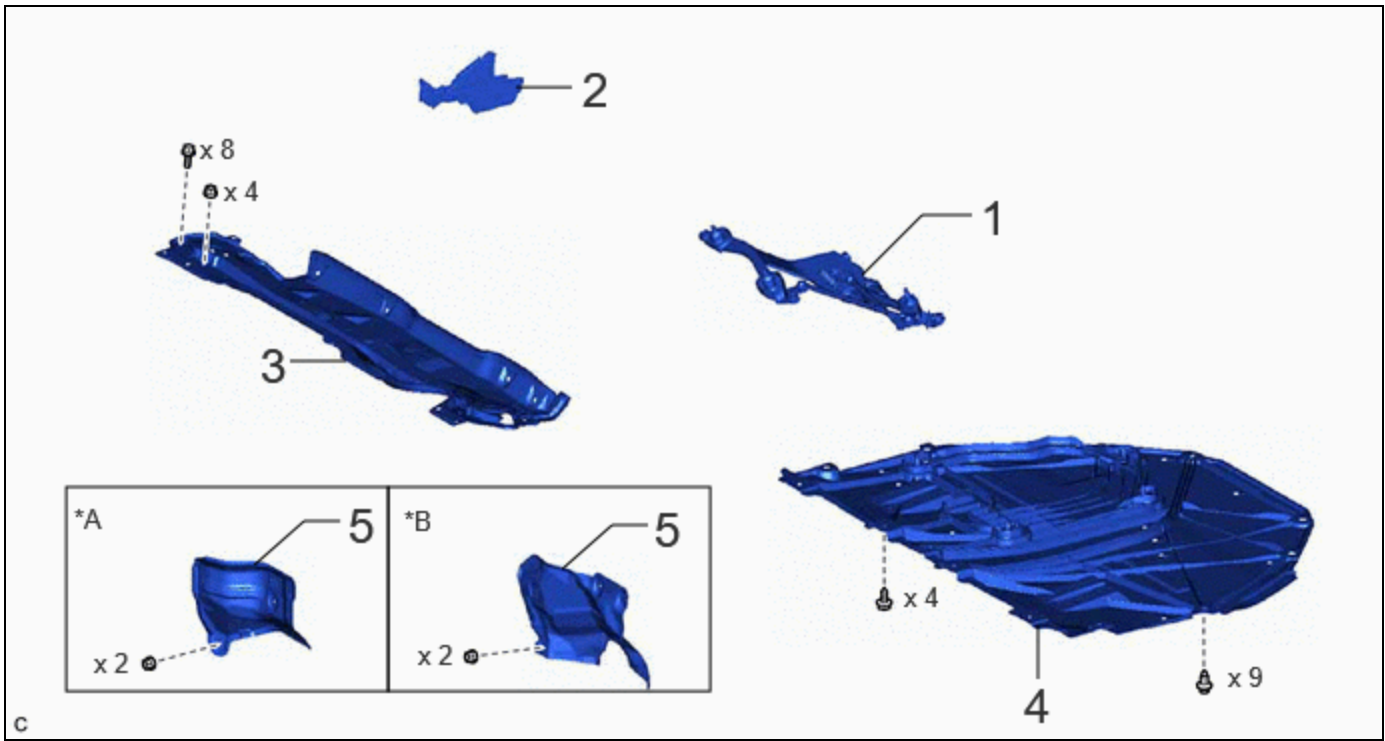
- To prevent burns, do not touch the engine, exhaust pipe or other high temperature components while the



engine is hot.

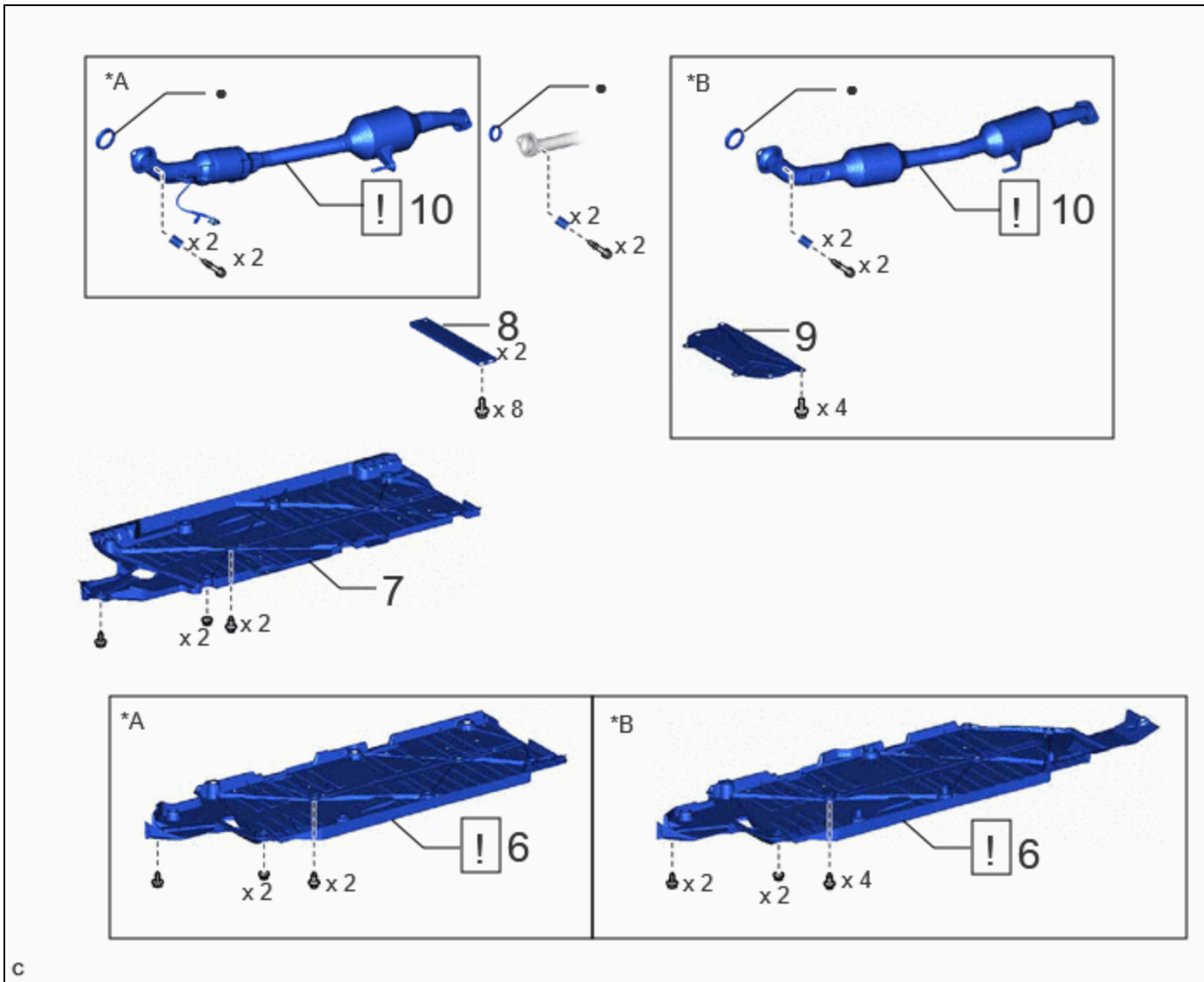
CAUTION / NOTICE / HINT

COMPONENTS (REMOVAL)



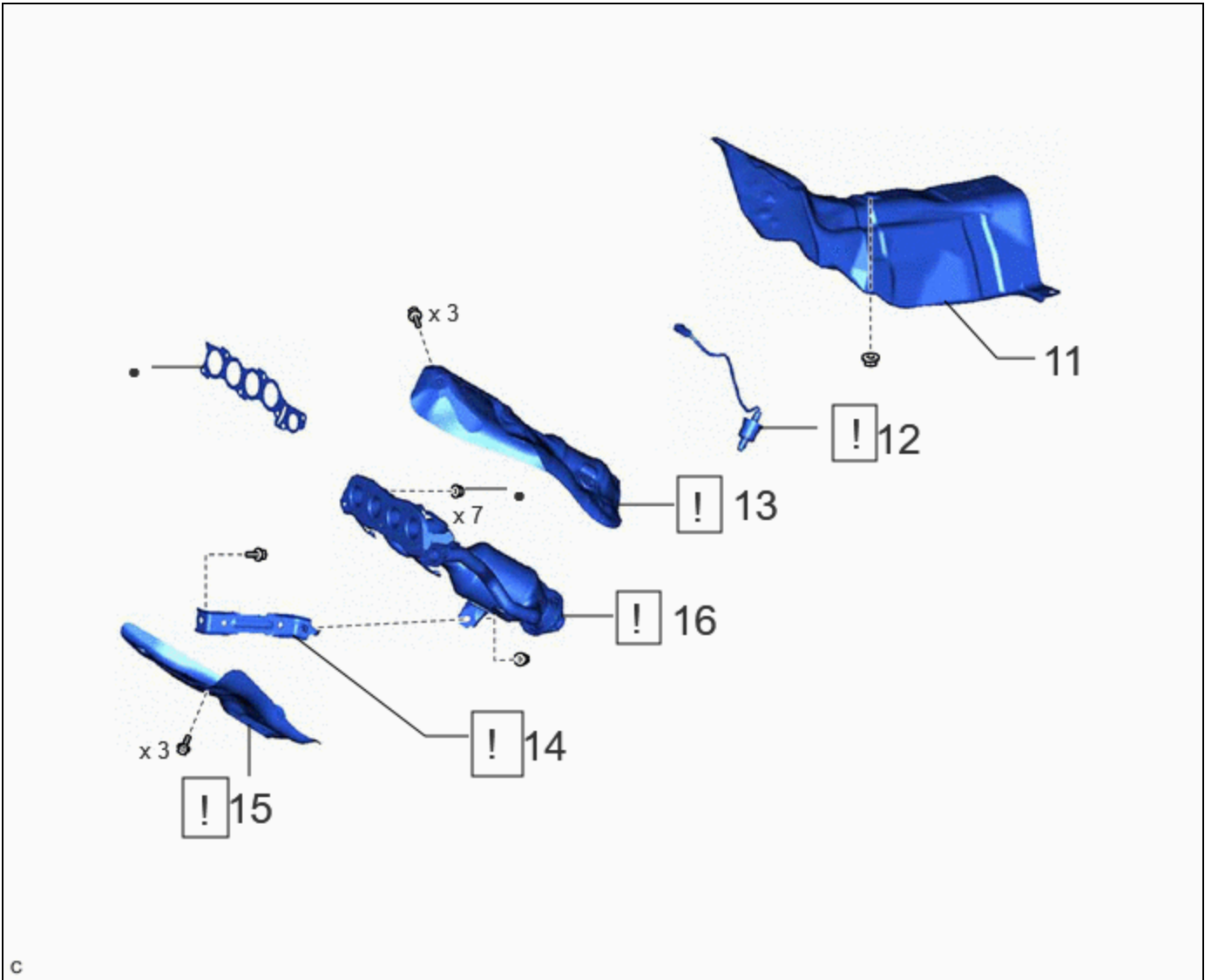
PROCEDURE		PART NAME CODE			
1	WINDSHIELD WIPER MOTOR AND LINK	-	-	-	-
2	WATER GUARD PLATE	55734D	-	-	-
3	OUTER COWL TOP PANEL SUB-ASSEMBLY	55701J	-	-	-
4	NO. 1 ENGINE UNDER COVER ASSEMBLY	51410	-	-	-
5	DASH PANEL HEAT INSULATOR	55225C	-	-	-

*A	for HEV Model	*B	for PHEV Model
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PROCEDURE		PART NAME CODE			
6	FRONT FLOOR COVER LH	58166A	INFO	-	-
7	FRONT FLOOR COVER RH	58165C	INFO	-	-
8	FRONT FLOOR CENTER BRACE	57533B	-	-	-
9	NO. 2 ENGINE UNDER COVER	51442	-	-	-
10	FRONT EXHAUST PIPE ASSEMBLY	17410	INFO	-	-

*A	for HEV Model	*B	for PHEV Model
•	Non-reusable part	-	-



PROCEDURE		PART NAME CODE			
11	FRONT NO. 1 FLOOR HEAT INSULATOR	58151	-	-	-
12	AIR FUEL RATIO SENSOR	89467B	INFO	-	-
13	NO. 1 EXHAUST MANIFOLD HEAT INSULATOR	17167	INFO	-	-
14	MANIFOLD STAY	17118	INFO	-	-
15	NO. 2 EXHAUST MANIFOLD HEAT INSULATOR	17168	INFO	-	-
16	EXHAUST MANIFOLD	17141	INFO	-	-

•	Non-reusable part	-	-
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PROCEDURE

1. REMOVE WINDSHIELD WIPER MOTOR AND LINK

Click here [INFO](#)

2. REMOVE WATER GUARD PLATE

Click here [INFO](#)

3. REMOVE OUTER COWL TOP PANEL SUB-ASSEMBLY

Click here [INFO](#)

4. REMOVE NO. 1 ENGINE UNDER COVER ASSEMBLY

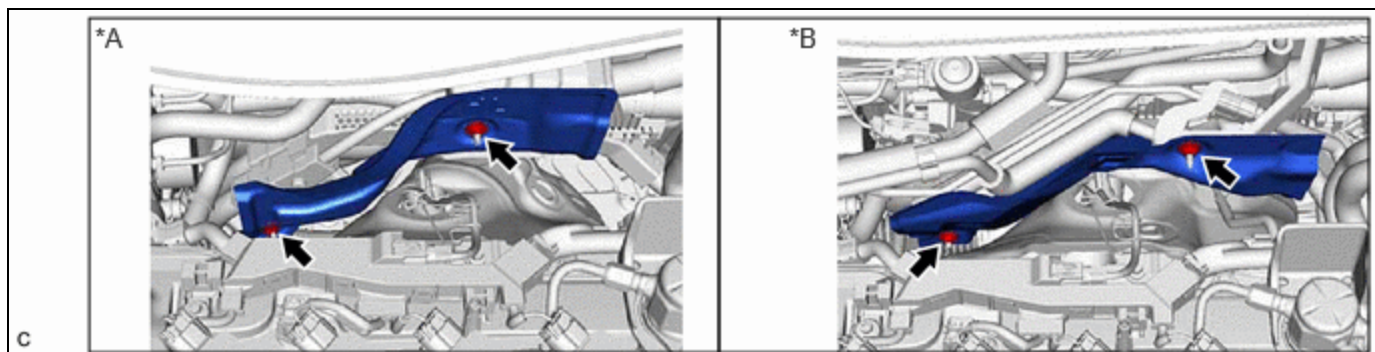
- for HEV Model:

Click here [INFO](#)

- for PHEV Model:

Click here [INFO](#)

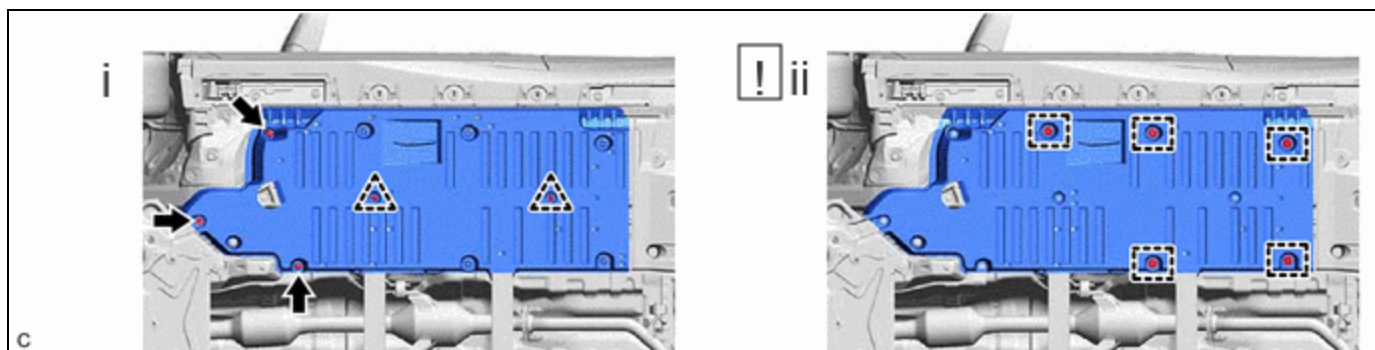
5. REMOVE DASH PANEL HEAT INSULATOR



*A	for HEV Model	*B	for PHEV Model
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6. REMOVE FRONT FLOOR COVER LH

(a) for HEV Model



- (1) Remove the bolt and 2 nuts, 2 clips.
- (2) Turn the clip and remove the front floor cover LH from the vehicle body.

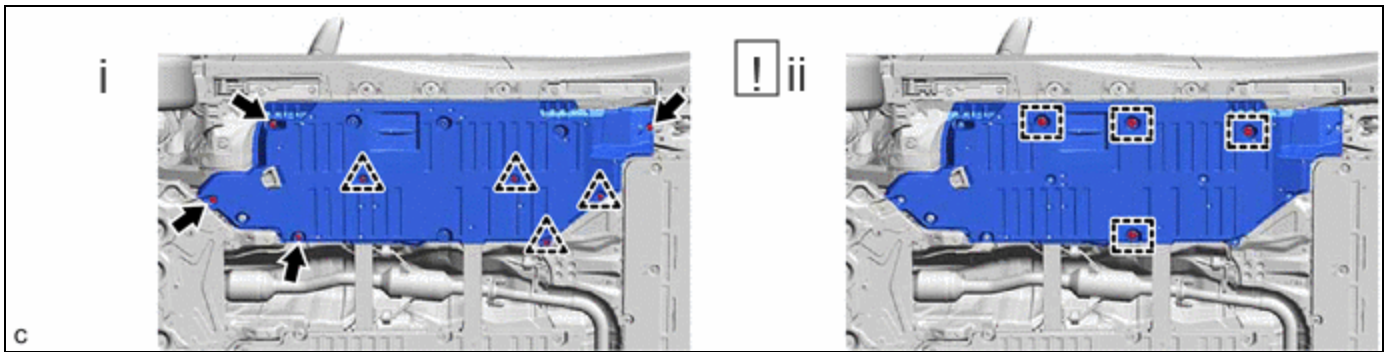
NOTICE:

If the clip is not turned when the front floor cover LH is removed, the front floor cover LH or stud bolt may be damaged.

HINT:

Do not remove the clip from the front floor cover LH.

(b) for PHEV Model



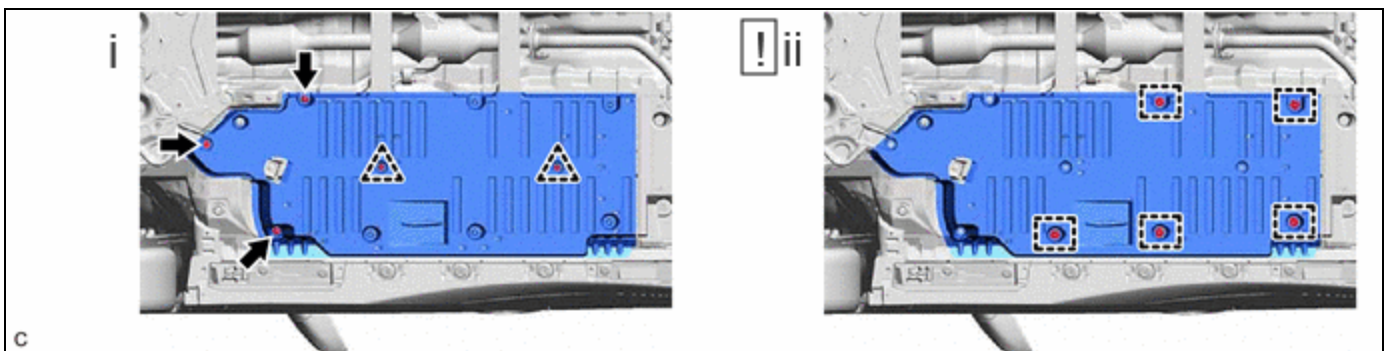
- (1) Remove the 2 bolts and 2 nuts, 4 clips.
- (2) Turn the clip and remove the front floor cover LH from the vehicle body.

NOTICE:

If the clip is not turned when the front floor cover LH is removed, the front floor cover LH or stud bolt may be damaged.

HINT:

Do not remove the clip from the front floor cover LH.

7. REMOVE FRONT FLOOR COVER RH

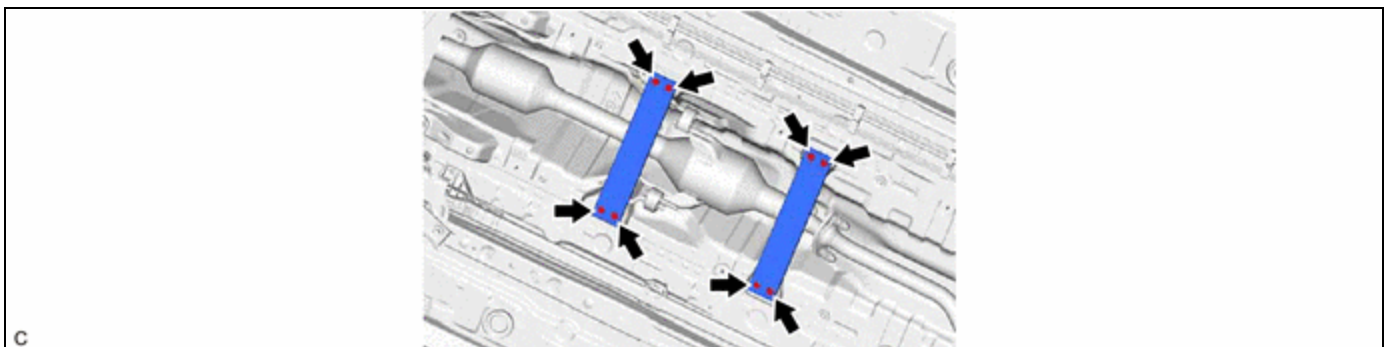
- (1) Remove the bolt and 2 nuts, 2 clips.
- (2) Turn the clip and remove the front floor cover RH from the vehicle body.

NOTICE:

If the clip is not turned when the front floor cover RH is removed, the front floor cover RH or stud bolt may be damaged.

HINT:


Do not remove the clip from the front floor cover RH.

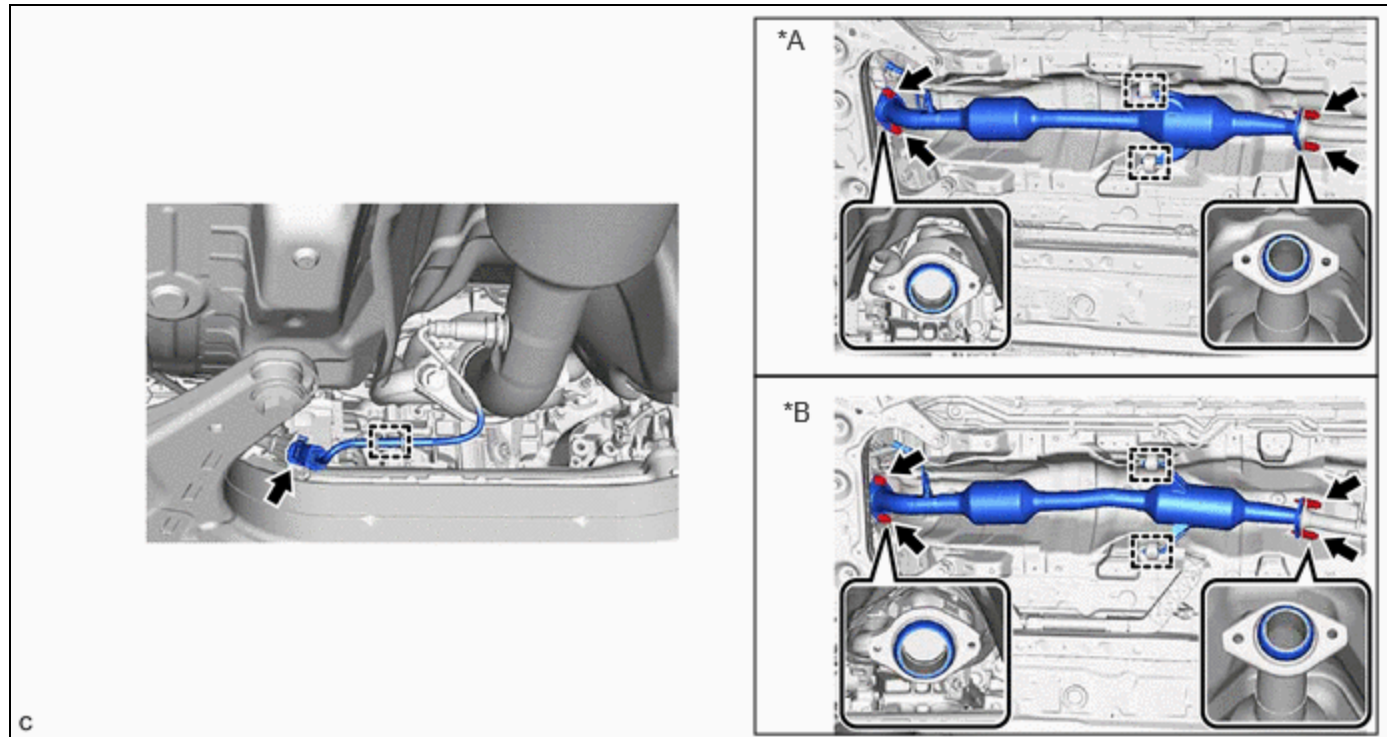
8. REMOVE FRONT FLOOR CENTER BRACE

9. REMOVE NO. 2 ENGINE UNDER COVER (for PHEV Model)

Click here [INFO](#)

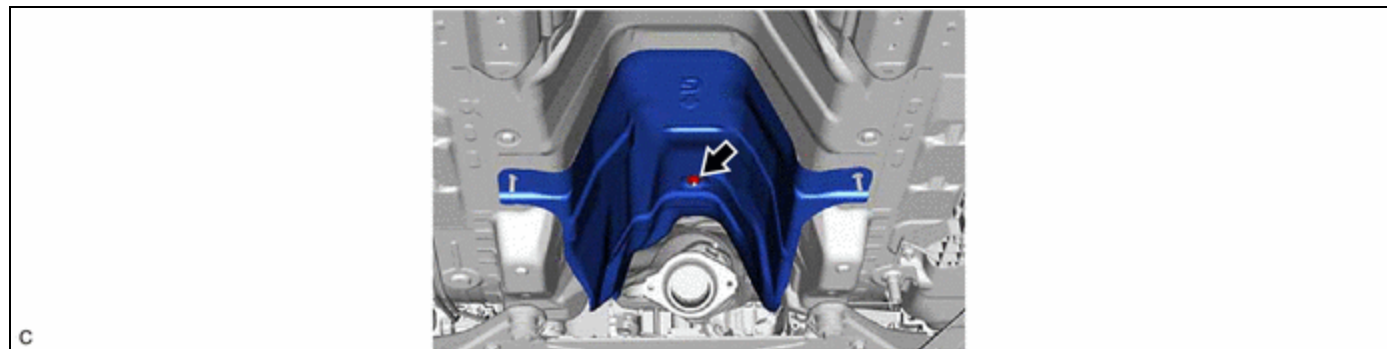
10. REMOVE FRONT EXHAUST PIPE ASSEMBLY

	<p>CAUTION:</p> <ul style="list-style-type: none"> To prevent burns, do not touch the engine, exhaust manifold or other high temperature components while the engine is hot. To prevent burns, do not touch the engine, exhaust pipe or other high temperature components while the engine is hot.
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*A	for HEV Model	*B	for PHEV Model
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11. REMOVE FRONT NO. 1 FLOOR HEAT INSULATOR



12. REMOVE AIR FUEL RATIO SENSOR

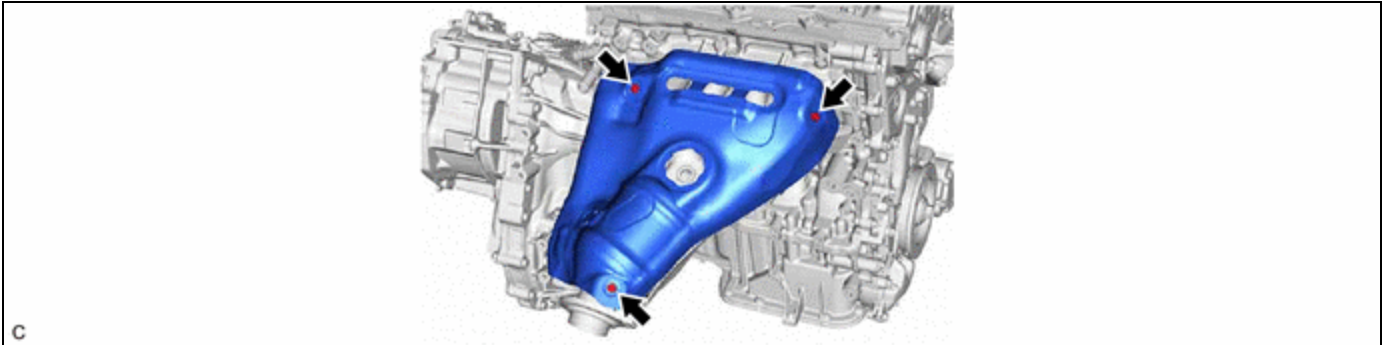
	<p>Click here INFO</p>
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13. REMOVE NO. 1 EXHAUST MANIFOLD HEAT INSULATOR



CAUTION:

To prevent burns, do not touch the engine, exhaust manifold or other high temperature components while the engine is hot.

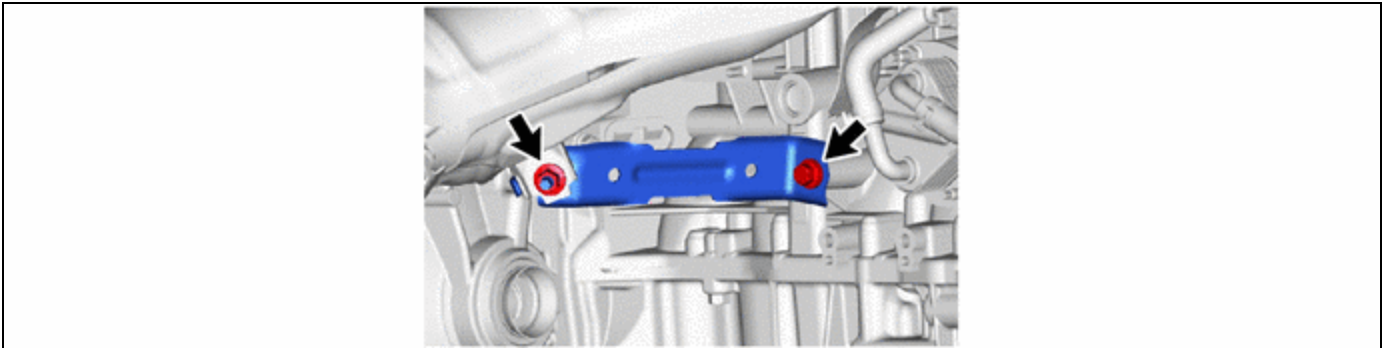


14. REMOVE MANIFOLD STAY



CAUTION:

To prevent burns, do not touch the engine, exhaust manifold or other high temperature components while the engine is hot.

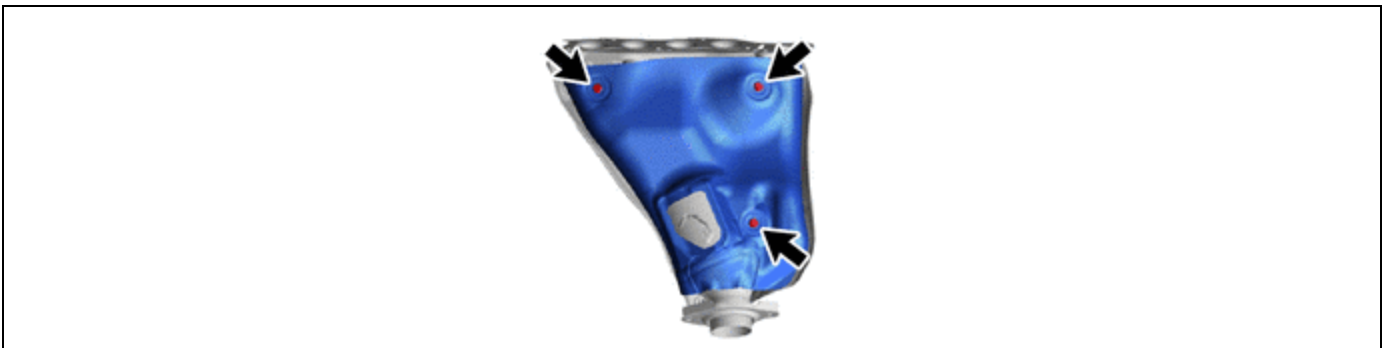


15. REMOVE NO. 2 EXHAUST MANIFOLD HEAT INSULATOR



CAUTION:

To prevent burns, do not touch the engine, exhaust manifold or other high temperature components while the engine is hot.



16. REMOVE EXHAUST MANIFOLD



CAUTION:

To prevent burns, do not touch the engine, exhaust manifold or other high temperature components while the engine is hot.

