

Last Modified: 07-05-2024	6.11:8.1.0	Doc ID: RM100000002JRWW
Model Year Start: 2024	Model: Land Cruiser	Prod Date Range: [02/2024 -]
Title: INTERIOR PANELS / TRIM: INSTRUMENT PANEL SAFETY PAD: REMOVAL; 2024 MY Land Cruiser [02/2024 -]		


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 instrument panel safety pad assembly removal/installation are shown below.

HINT:




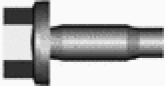
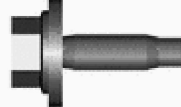
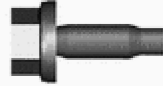

- When the cable is disconnected/reconnected to the auxiliary battery terminal, systems temporarily stop operating. However, each system has a function that completes learning the first time the system is used.
 - Learning completes when vehicle is driven

EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURES ARE NOT PERFORMED	NECESSARY PROCEDURES	LINK
Front camera system	Drive the vehicle straight ahead at 35 km/h (22 mph) or more for 5 seconds or more.	

- Learning completes when vehicle is operated normally

EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURES ARE NOT PERFORMED	NECESSARY PROCEDURES	LINK
Air conditioning system	After the ignition switch is turned to ON, the servo motor standard position is recognized.	-
Power back door system	Fully close the back door by hand. HINT: Initialization is not necessary if the above procedures are performed while the back door is closed.	

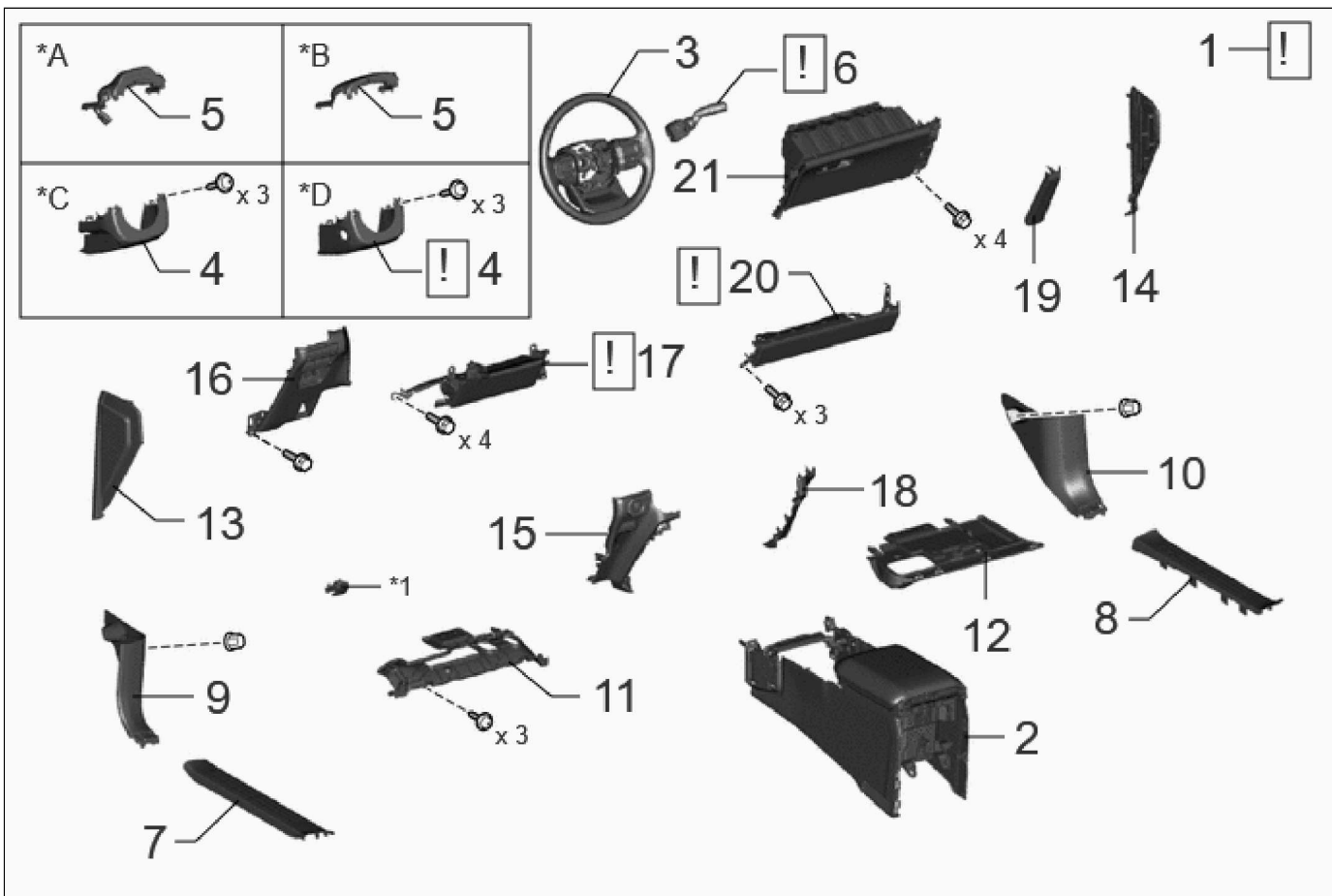
- All bolts, screws and nuts relevant to installing and removing the instrument panel are shown along with their alphabetical codes in the table.




Code	Shape	Code	Shape	Code	Shape
<A>	 $\varnothing 5$ (0.197) L=15 (0.591)		 $\varnothing 5$ (0.197) L=14 (0.551)	<C>	 $\varnothing 5$ (0.197) L=18 (0.709)
<D>	 $\varnothing 6$ (0.236) L=20 (0.787)	<E>	 $\varnothing 6$ (0.236) L=22 (0.866)	<F>	 $\varnothing 8$ (0.315) L=21 (0.827)
<G>	 $\varnothing 6$ (0.236)				

mm (in.) (L=Length)

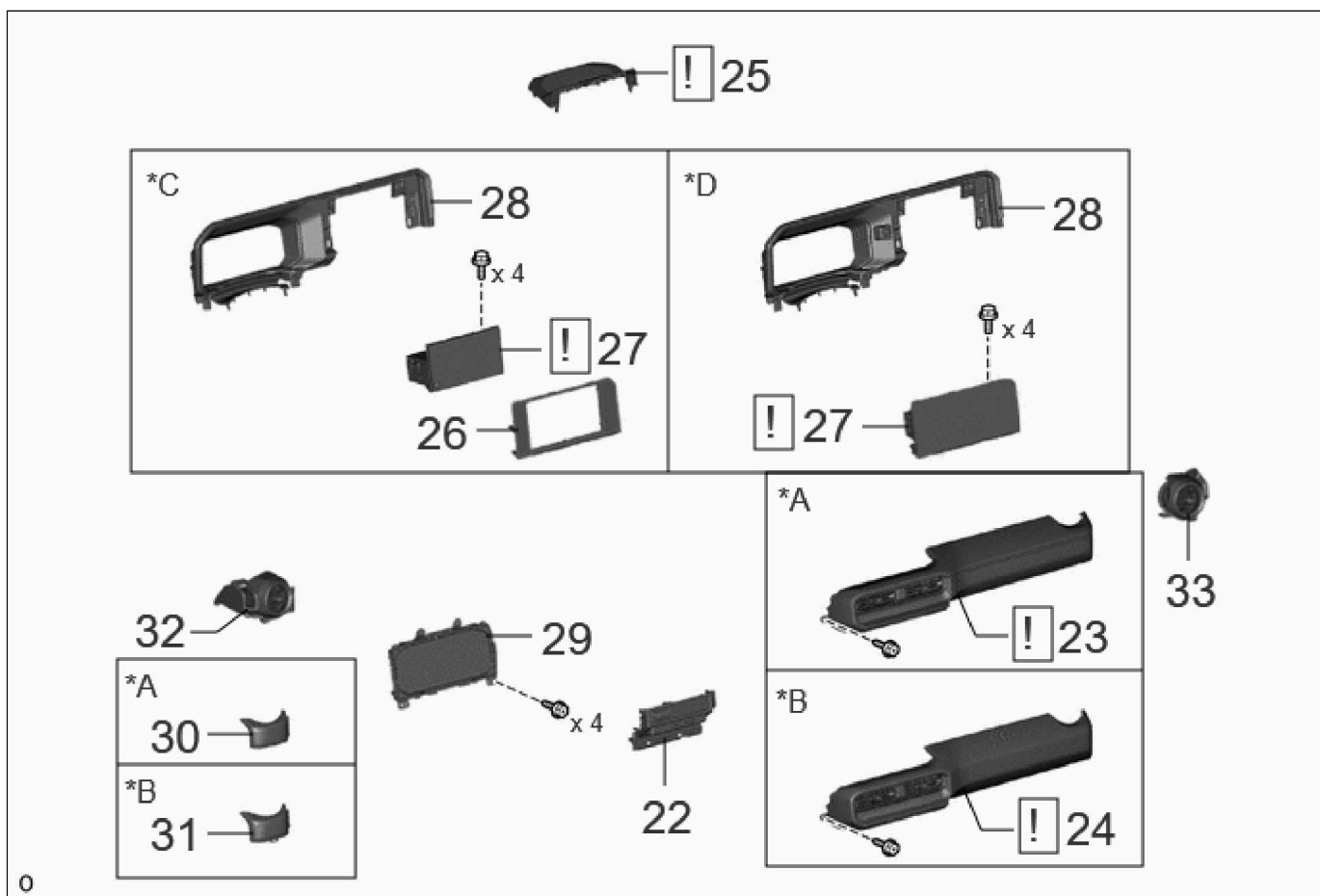
CAUTION / NOTICE / HINT

COMPONENTS (REMOVAL)



PROCEDURE		PART NAME CODE			
1	PRECAUTION	-	INFO	-	-
2	FRONT CONSOLE BOX	-	-	-	-
3	STEERING WHEEL ASSEMBLY	45100	-	-	-
4	LOWER STEERING COLUMN COVER SUB-ASSEMBLY	45024	INFO	-	-
5	UPPER STEERING COLUMN COVER	45286B	-	-	-
6	WINDSHIELD WIPER SWITCH ASSEMBLY	84650	INFO	-	-
7	FRONT DOOR SCUFF PLATE LH	67914B	-	-	-
8	FRONT DOOR SCUFF PLATE RH	67913B	-	-	-
9	COWL SIDE TRIM BOARD LH	62112	-	-	-
10	COWL SIDE TRIM BOARD RH	62111C	-	-	-
11	NO. 1 INSTRUMENT PANEL UNDER COVER	55641	-	-	-
12	NO. 2 INSTRUMENT PANEL UNDER COVER	-	-	-	-
13	INSTRUMENT SIDE PANEL LH	55318C	-	-	-
14	INSTRUMENT SIDE PANEL RH	55317A	-	-	-
15	LOWER INSTRUMENT PANEL FINISH PANEL ASSEMBLY	55480D	-	-	-
16	LOWER INSTRUMENT PANEL FINISH PANEL SUB-ASSEMBLY	55045	-	-	-
17	LOWER NO. 1 INSTRUMENT PANEL AIRBAG ASSEMBLY	73900	INFO	-	-
18	LOWER INSTRUMENT PANEL LH	55313	-	-	-
19	LOWER INSTRUMENT PANEL RH	55312B	-	-	-
20	LOWER NO. 2 INSTRUMENT PANEL AIRBAG ASSEMBLY	73990	INFO	-	-
21	GLOVE COMPARTMENT DOOR ASSEMBLY	55550	-	-	-

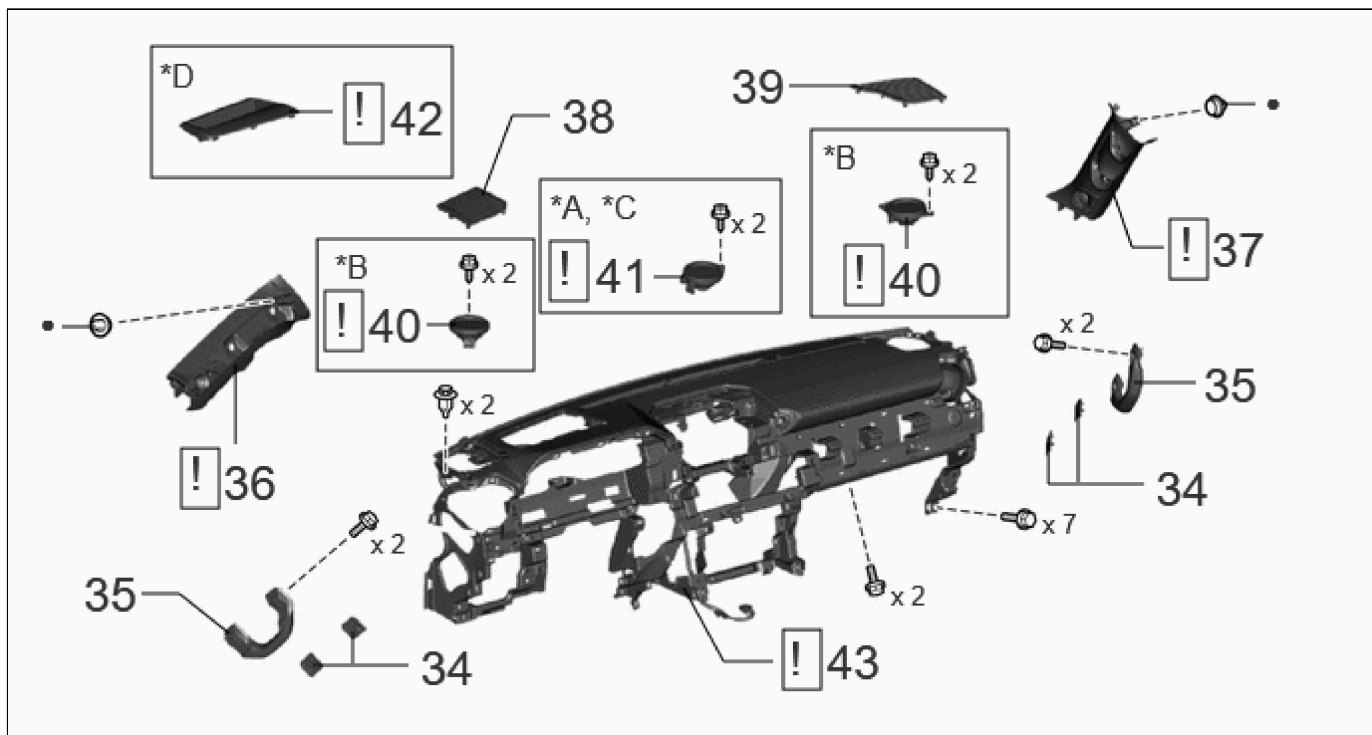
*A	w/ Driver Monitor Camera	*B	w/o Driver Monitor Camera
*C	for Manual Tilt and Manual Telescopic Steering Column	*D	for Power Tilt and Power Telescopic Steering Column
*1	HOOD LOCK CONTROL LEVER SUB-ASSEMBLY	-	-



PROCEDURE		PART NAME CODE	!		
22	CENTER INSTRUMENT CLUSTER FINISH PANEL SUB-ASSEMBLY	55405B	-	-	-
23	NO. 1 INSTRUMENT PANEL GARNISH SUB-ASSEMBLY	55011A	INFO	-	-
24	INSTRUMENT PANEL ORNAMENT	55461A	INFO	-	-
25	UPPER INSTRUMENT CLUSTER FINISH PANEL	55421B	-	-	-
26	CENTER INSTRUMENT CLUSTER FINISH PANEL	55412D	-	-	-
27	RADIO AND DISPLAY RECEIVER ASSEMBLY WITH BRACKET	-	INFO	-	-
28	CENTER INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY	55420A	-	-	-
29	COMBINATION METER ASSEMBLY	83100	-	-	-
30	NO. 2 INSTRUMENT PANEL GARNISH SUB-ASSEMBLY	55012A	-	-	-
31	INSTRUMENT CLUSTER FINISH PANEL ORNAMENT	55471A	-	-	-
32	NO. 1 SIDE DEFROSTER NOZZLE	55961B	-	-	-
33	NO. 2 SIDE DEFROSTER NOZZLE	55962D	-	-	-

*A	for Type A	*B	for Type B
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*C	for 8 Inch Display	*D	for 12.3 Inch Display
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PROCEDURE		PART NAME CODE	!		
34	ASSIST GRIP PLUG	-	-	-	-
35	PILLAR ASSIST GRIP ASSEMBLY	74680	-	-	-
36	FRONT PILLAR GARNISH ASSEMBLY LH	62212B	INFO	-	-
37	FRONT PILLAR GARNISH ASSEMBLY RH	62211U	INFO	-	-
38	NO. 1 INSTRUMENT PANEL SPEAKER PANEL SUB-ASSEMBLY	55408F	-	-	-
39	NO. 2 INSTRUMENT PANEL SPEAKER PANEL SUB-ASSEMBLY	55409F	-	-	-
40	FRONT NO. 2 SPEAKER ASSEMBLY	86160P	INFO	-	-
41	FRONT NO. 3 SPEAKER ASSEMBLY	86160J	INFO	-	-
42	INSTRUMENT CLUSTER FINISH PANEL END	55414A	INFO	-	-
43	INSTRUMENT PANEL SAFETY PAD ASSEMBLY	-	INFO	-	-

*A	except 6 Speakers	*B	for Side
*C	for Center	*D	w/ Headup Display
•	Non-reusable part	-	-

PROCEDURE

1. PRECAUTION

CAUTION:

Be sure to read precaution thoroughly before servicing.

Click here [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](#)

2. REMOVE FRONT CONSOLE BOX

(a) w/ Cool Box:

Click here [INFO](#)

(b) w/o Cool Box:

Click here [INFO](#)

3. REMOVE STEERING WHEEL ASSEMBLY

Click here [INFO](#)

4. REMOVE LOWER STEERING COLUMN COVER SUB-ASSEMBLY

Click here [INFO](#)

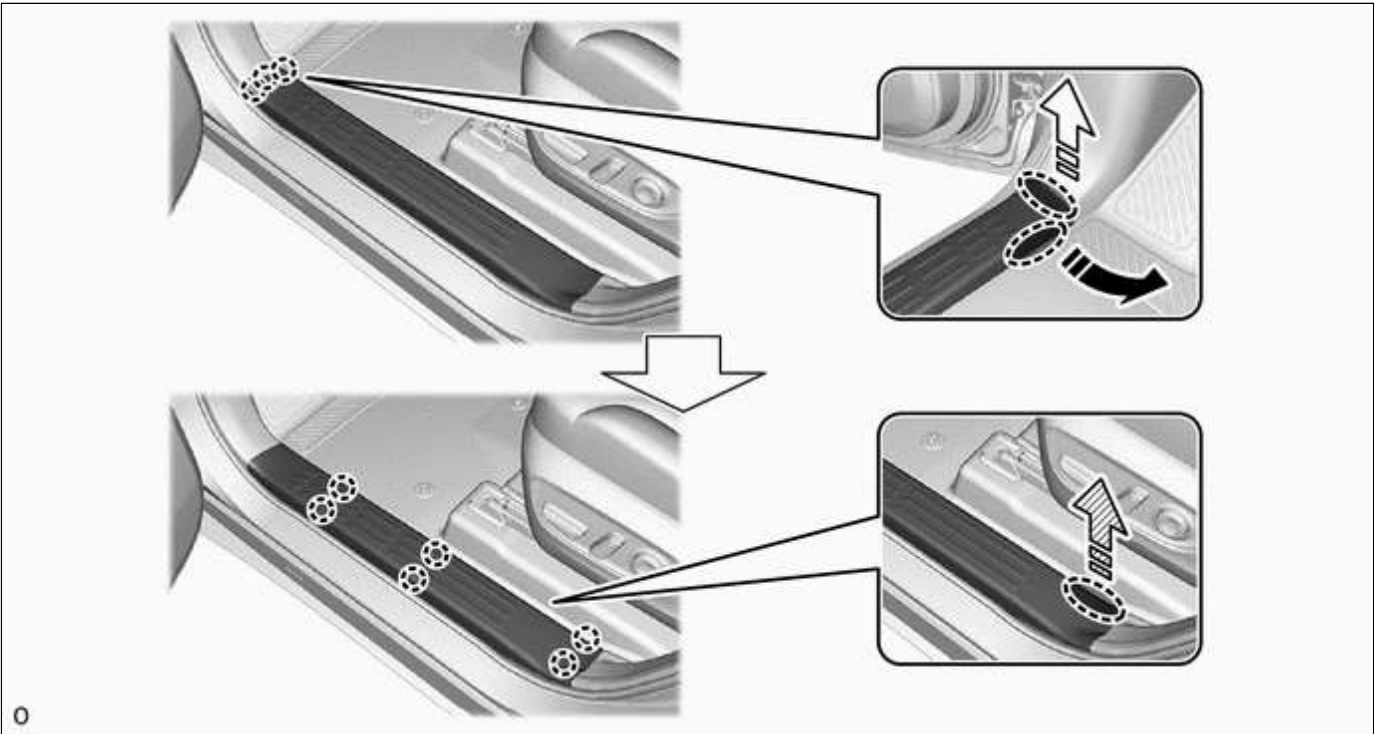
5. REMOVE UPPER STEERING COLUMN COVER

Click here [INFO](#)

6. REMOVE WINDSHIELD WIPER SWITCH ASSEMBLY

Click here [INFO](#)

7. REMOVE FRONT DOOR SCUFF PLATE LH



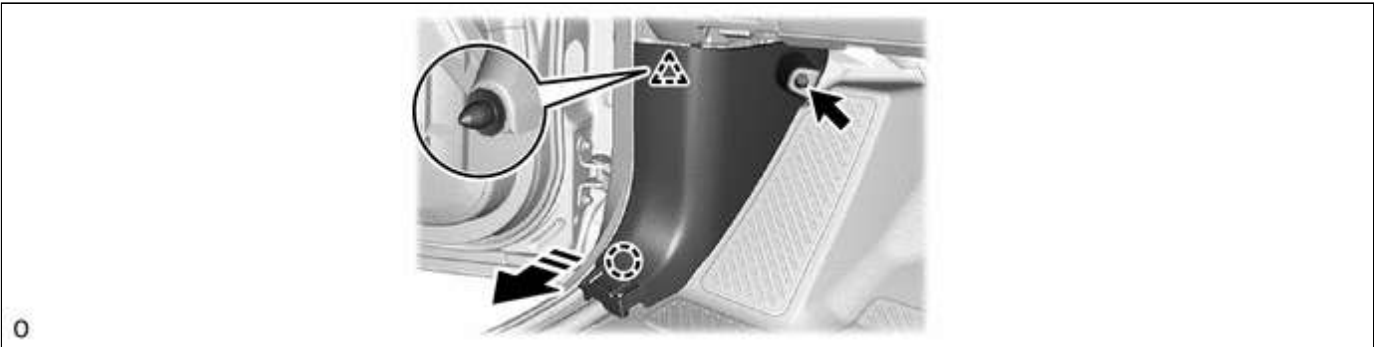
0

	Place Hand Here		Remove in this Direction (1)
	Remove in this Direction (2)		Remove in this Direction (3)

8. REMOVE FRONT DOOR SCUFF PLATE RH

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

9. REMOVE COWL SIDE TRIM BOARD LH



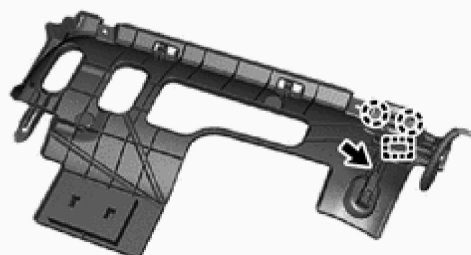
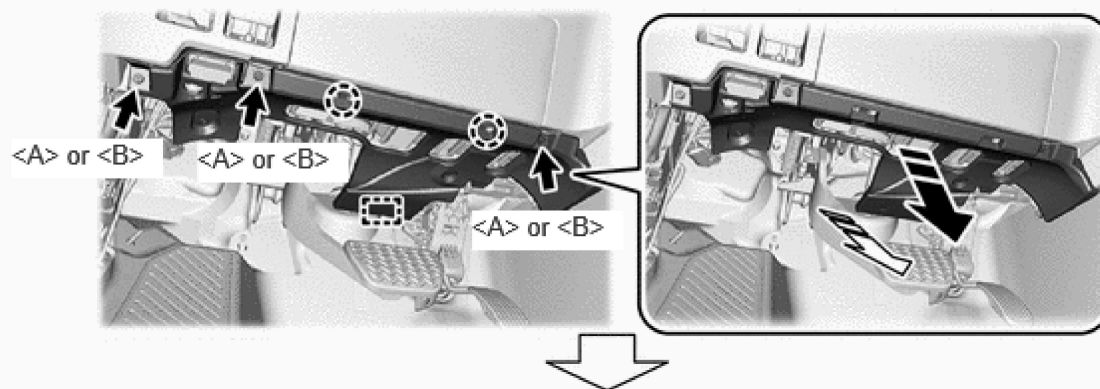
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	Remove in this Direction	-	-
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10. REMOVE COWL SIDE TRIM BOARD RH

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

11. REMOVE NO. 1 INSTRUMENT PANEL UNDER COVER



0

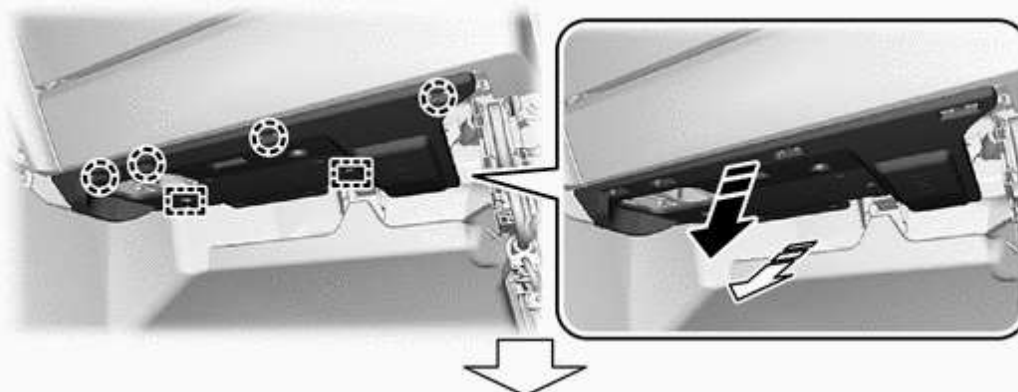


Remove in this Direction (1)



Remove in this Direction (2)

12. REMOVE NO. 2 INSTRUMENT PANEL UNDER COVER



0

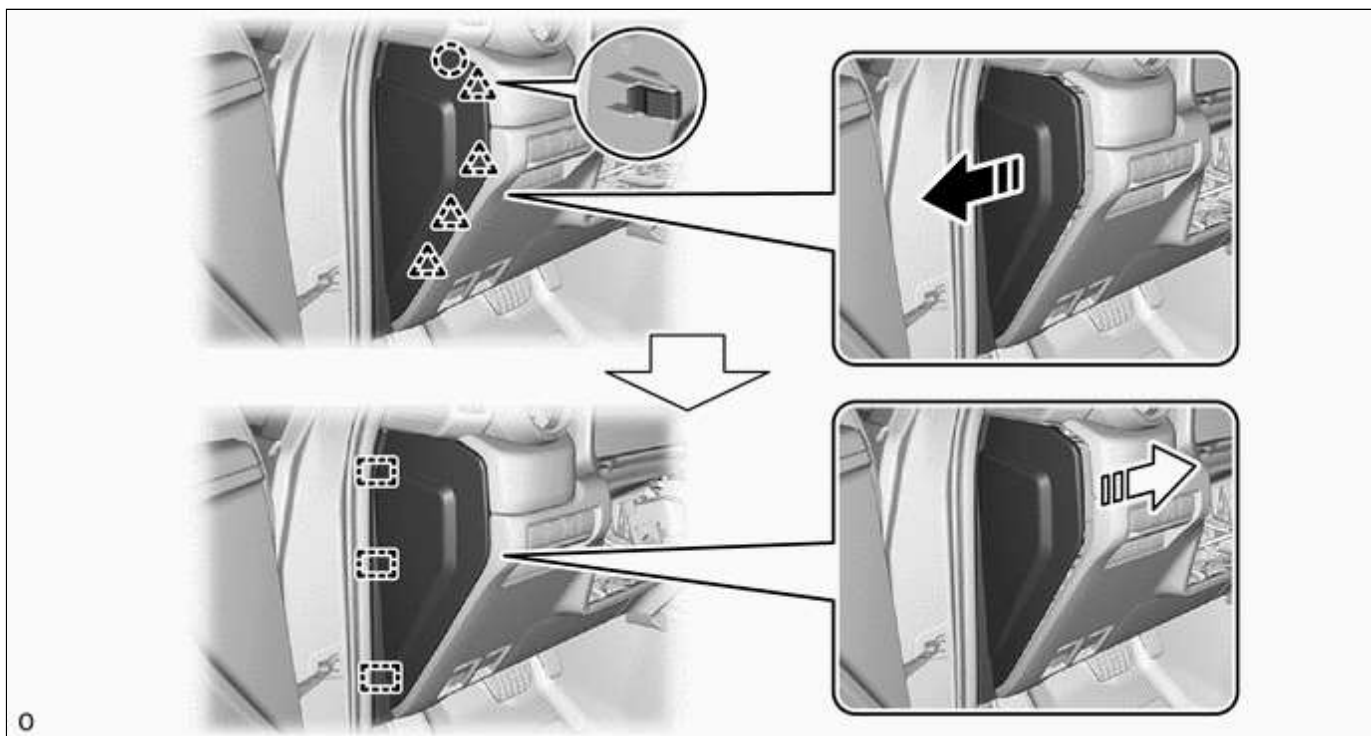




Remove in this Direction (1)



Remove in this Direction (2)

13. REMOVE INSTRUMENT SIDE PANEL LH

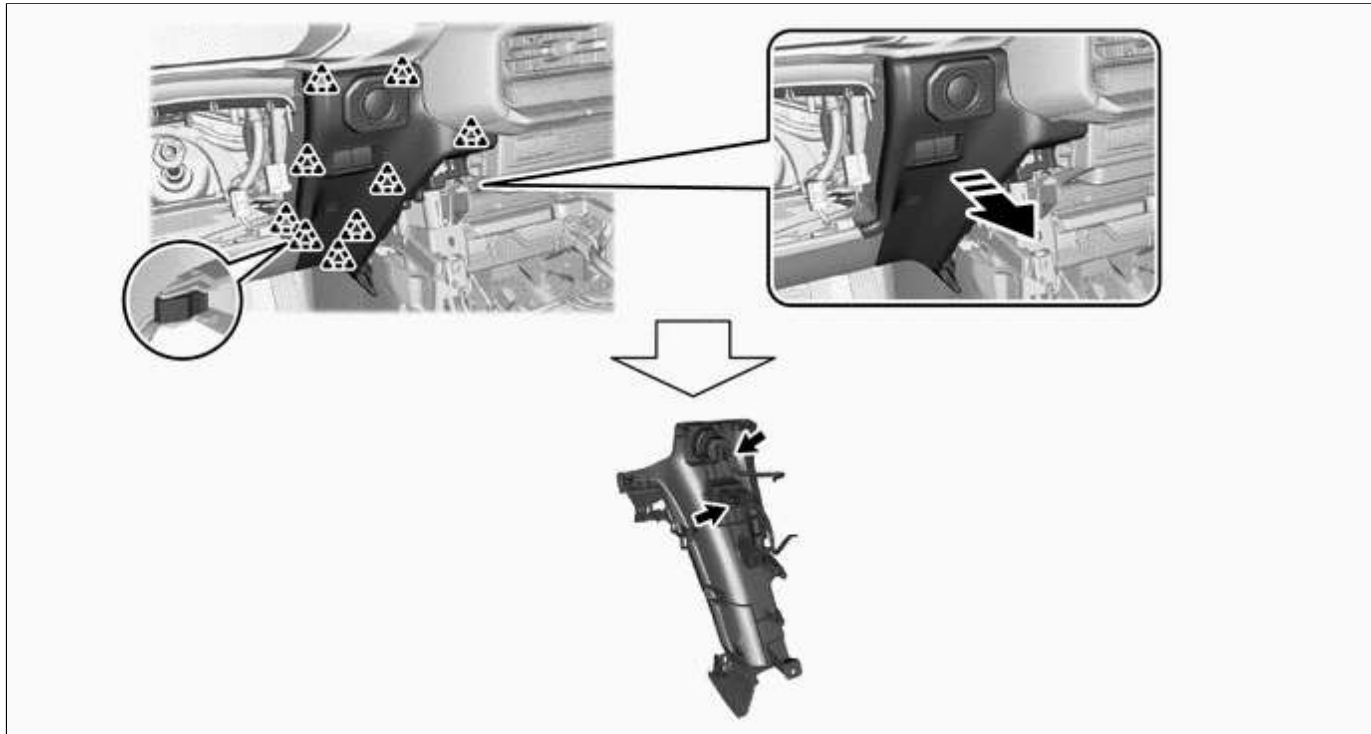



	Remove in this Direction (1)		Remove in this Direction (2)
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14. REMOVE INSTRUMENT SIDE PANEL RH

(a) Use the same procedure described for the LH Side.

15. REMOVE LOWER INSTRUMENT PANEL FINISH PANEL ASSEMBLY

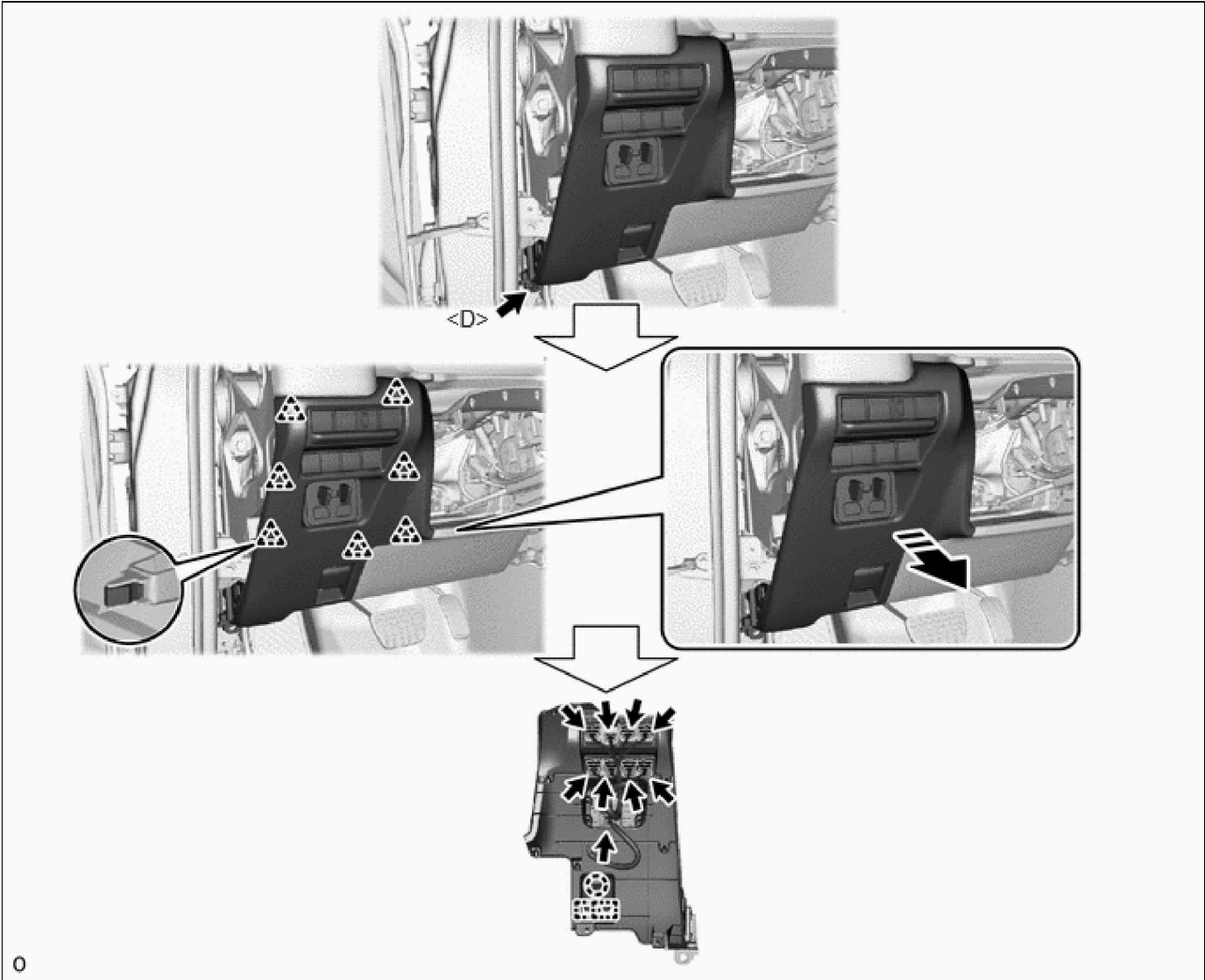


	Remove in this Direction	-	-
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16. REMOVE LOWER INSTRUMENT PANEL FINISH PANEL SUB-ASSEMBLY

HINT:

The illustrations are representative examples, and details may differ.



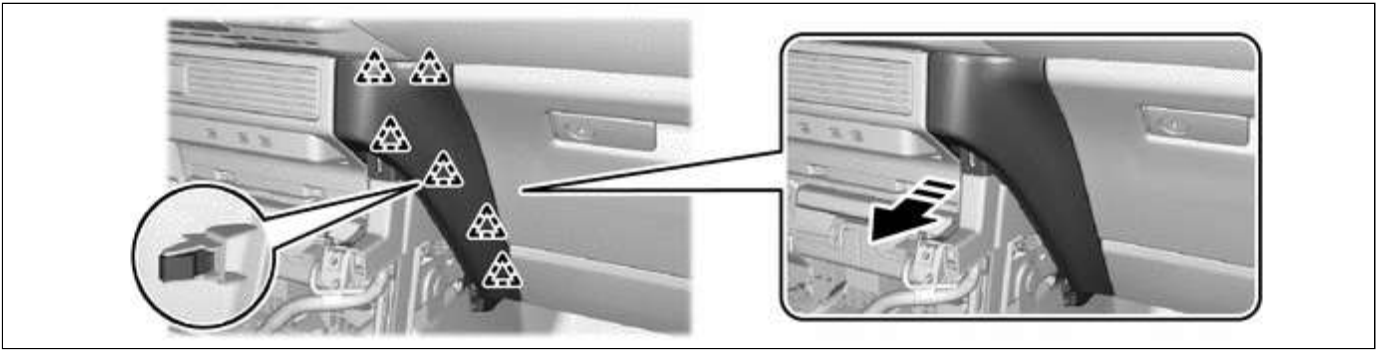
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	Remove in this Direction	-	-
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17. REMOVE LOWER NO. 1 INSTRUMENT PANEL AIRBAG ASSEMBLY

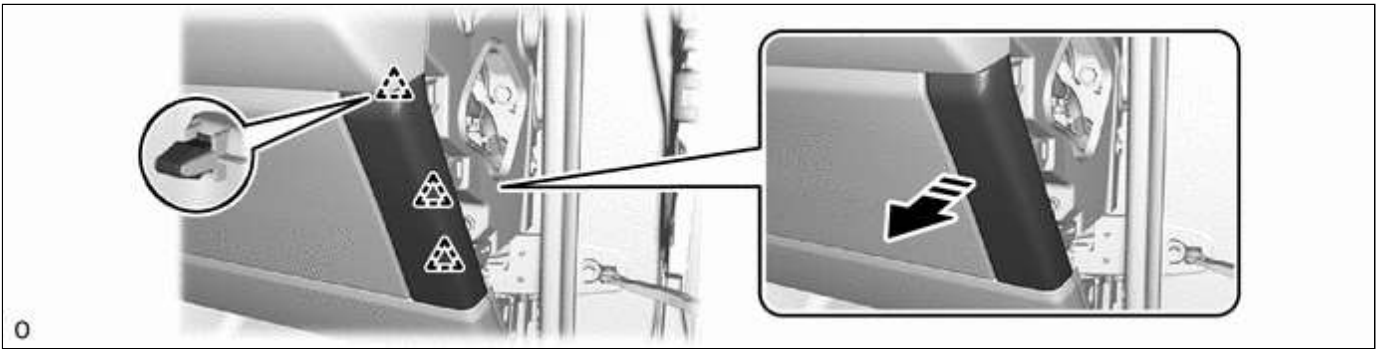
	Click here 
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18. REMOVE LOWER INSTRUMENT PANEL LH



	Remove in this Direction	-	-
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19. REMOVE LOWER INSTRUMENT PANEL RH

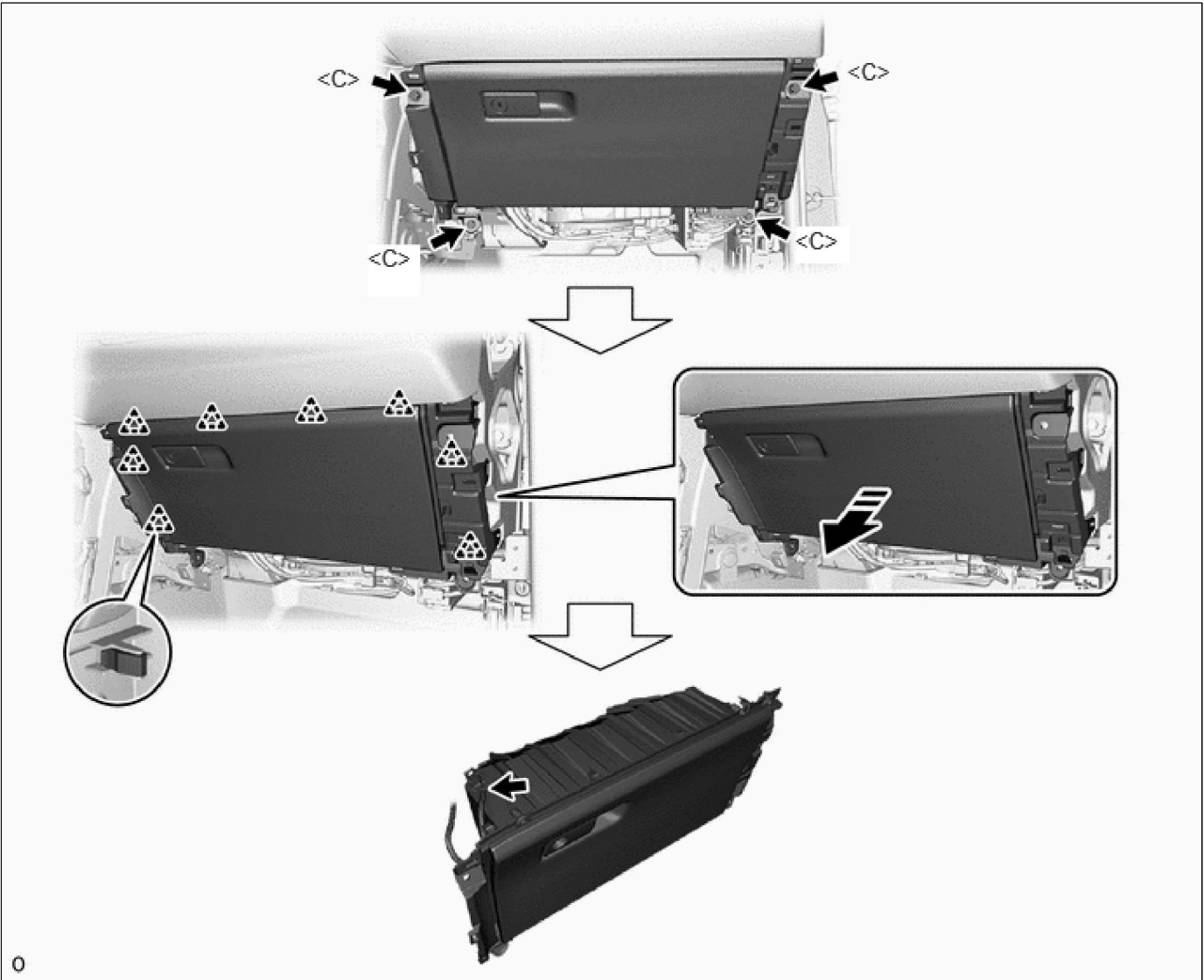



	Remove in this Direction	-	-
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20. REMOVE LOWER NO. 2 INSTRUMENT PANEL AIRBAG ASSEMBLY

	Click here
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21. REMOVE GLOVE COMPARTMENT DOOR ASSEMBLY

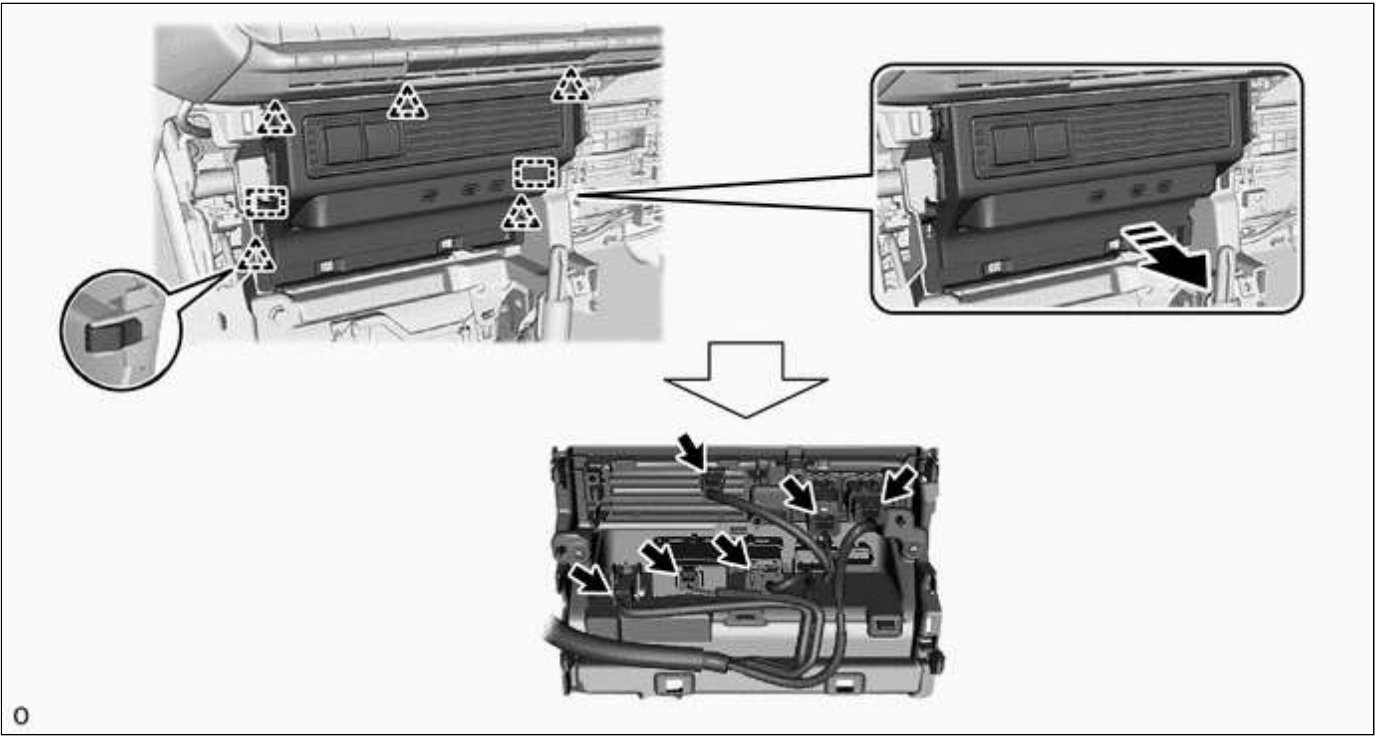



	Remove in this Direction	-	-
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22. REMOVE CENTER INSTRUMENT CLUSTER FINISH PANEL SUB-ASSEMBLY

HINT:

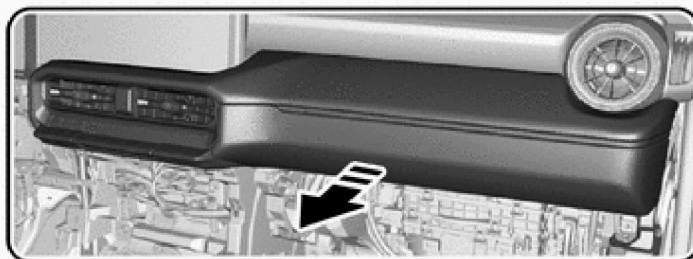
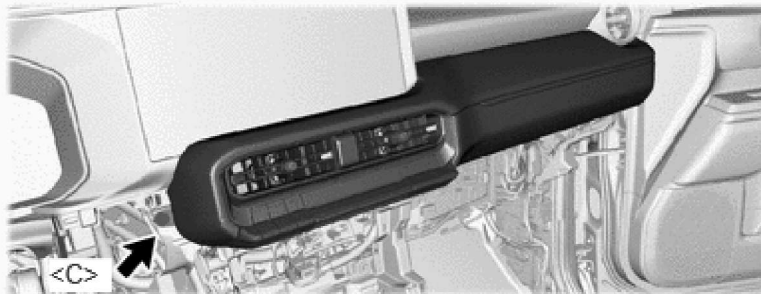
The illustrations are representative examples, and details may differ.



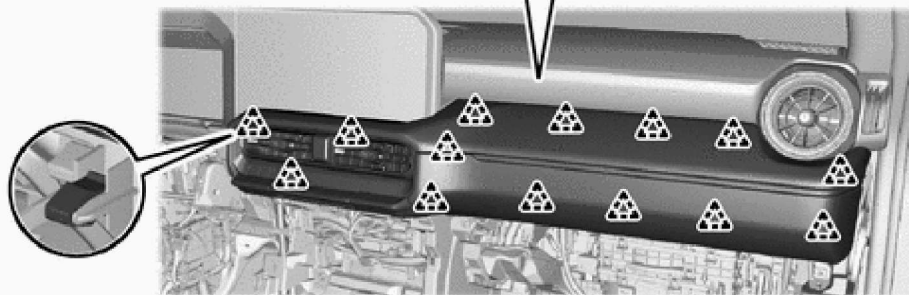
	Remove in this Direction	-	-
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23. REMOVE NO. 1 INSTRUMENT PANEL GARNISH SUB-ASSEMBLY (for Type A)

i



ii



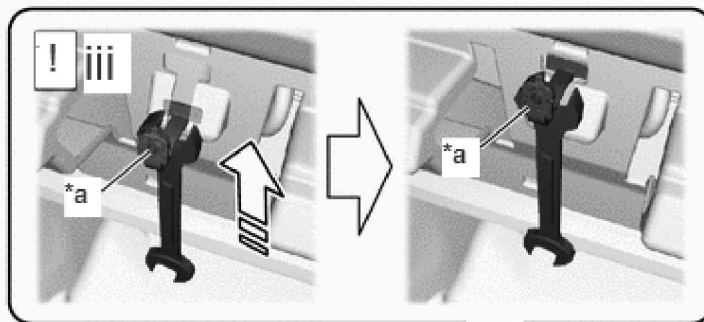
Remove in this Direction

-

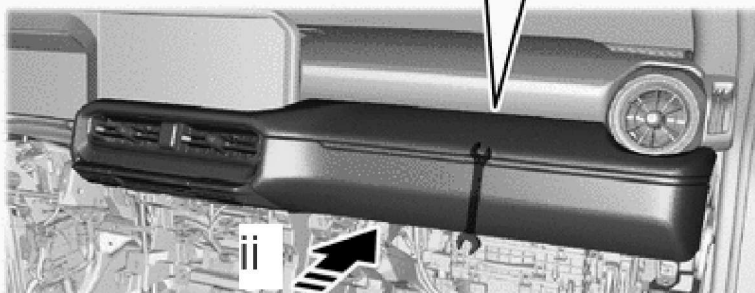
-

(1) Remove the screw <C>.

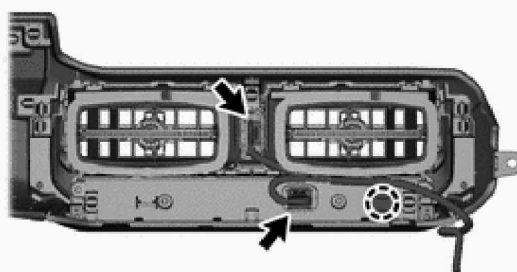
(2) Detach the clip as shown in the illustration.



! i



iv



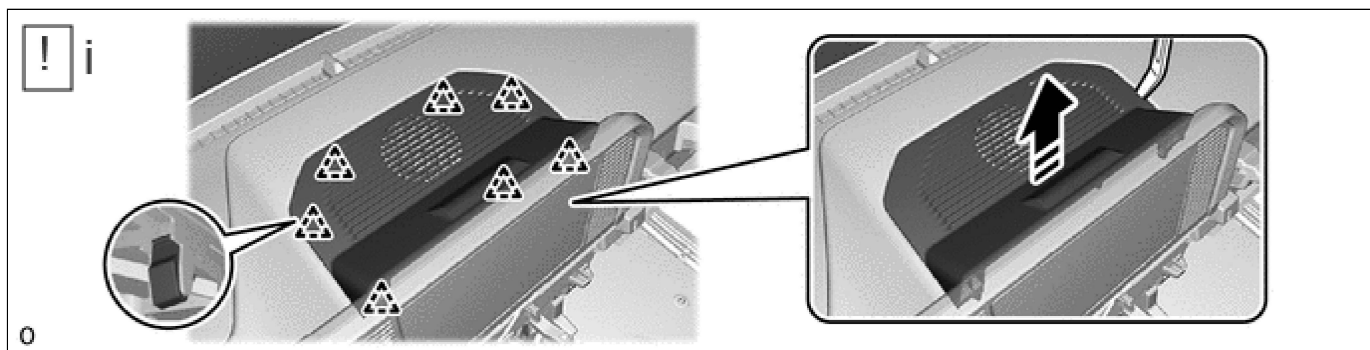
*a	Tether Clip	-	-
	Remove in this Direction (1)		Remove in this Direction (2)


- (1) Insert the 12 mm spanner to the tether clip as shown in the illustration.
- (2) With the 12 mm spanner inserted, move the No. 1 instrument panel garnish sub-assembly as shown in the illustration to create a gap between the tether clip and the instrument panel.
- (3) Move the tether clip as shown in the illustration to align the hole, remove the No. 1 instrument panel garnish sub-assembly.
- (4) Detach the claw and disconnect the 2 connectors.

24. REMOVE INSTRUMENT PANEL ORNAMENT (for Type B)

- (a) Use the same procedure described for the No. 1 instrument panel garnish sub-assembly.

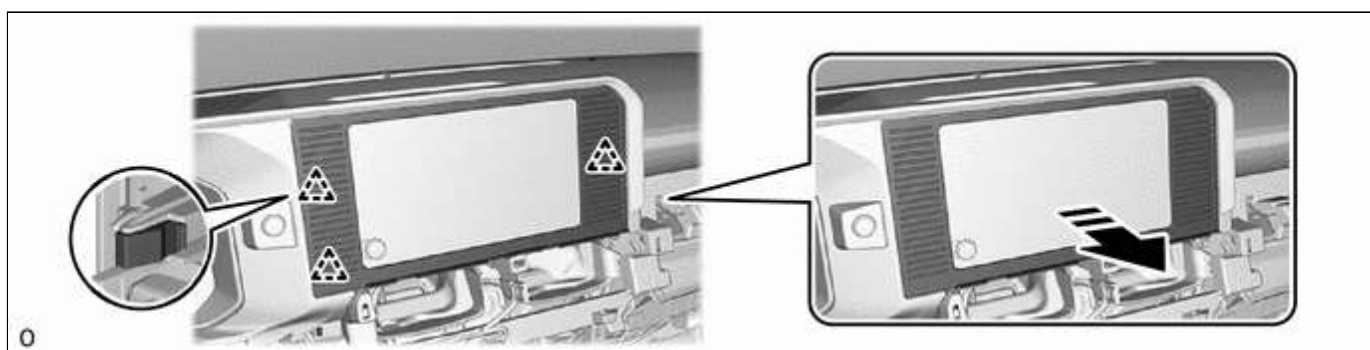
25. REMOVE UPPER INSTRUMENT CLUSTER FINISH PANEL




	Remove in this Direction	-	-
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(1) Using moulding remover A, detach the clip and remove the upper instrument cluster finish panel as shown in the illustration.

26. REMOVE CENTER INSTRUMENT CLUSTER FINISH PANEL (for 8 Inch Display)



	Remove in this Direction	-	-
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27. REMOVE RADIO AND DISPLAY RECEIVER ASSEMBLY WITH BRACKET

	Click here 
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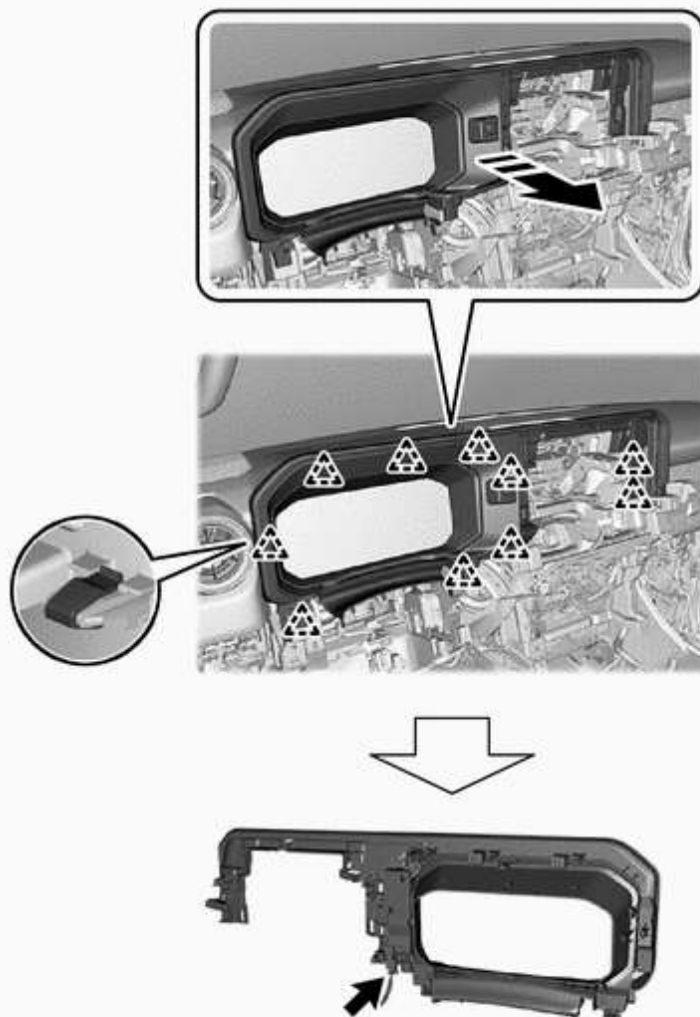
28. REMOVE CENTER INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY

(a) for 8 Inch Display:



	Remove in this Direction	-	-
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(b) for 12.3 Inch Display:



0



Remove in this Direction

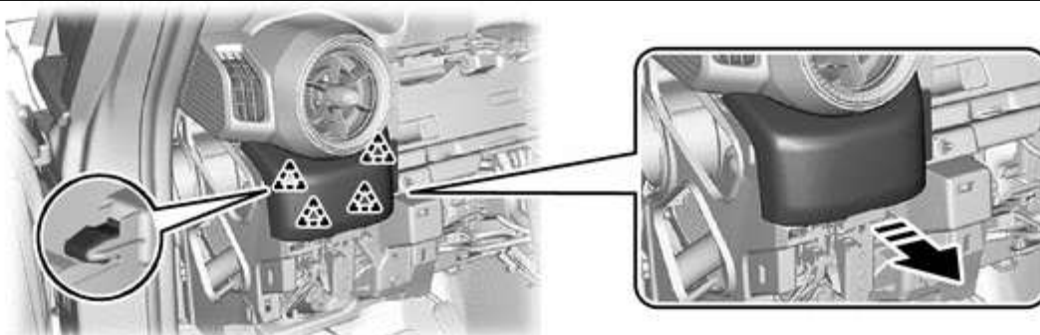
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-


29. REMOVE COMBINATION METER ASSEMBLY

Click here [INFO](#)

30. REMOVE NO. 2 INSTRUMENT PANEL GARNISH SUB-ASSEMBLY (for Type A)



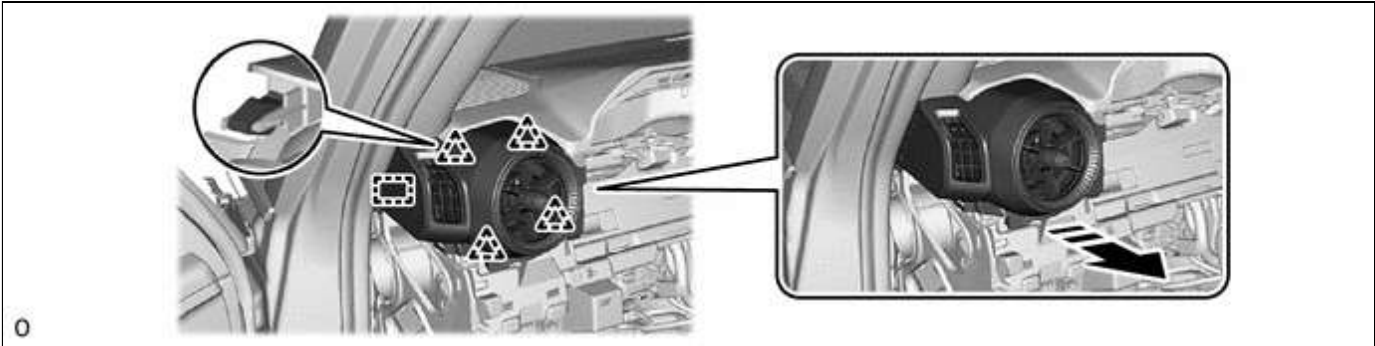
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	Remove in this Direction	-	-
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31. REMOVE INSTRUMENT CLUSTER FINISH PANEL ORNAMENT (for Type B)

(a) Use the same procedure described for the No. 2 instrument panel garnish sub-assembly.

32. REMOVE NO. 1 SIDE DEFROSTER NOZZLE

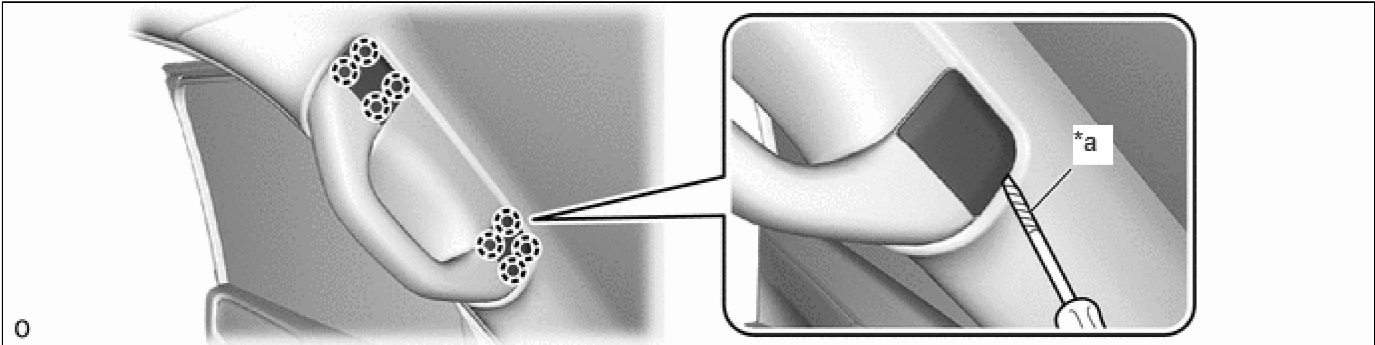


	Remove in this Direction	-	-
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33. REMOVE NO. 2 SIDE DEFROSTER NOZZLE

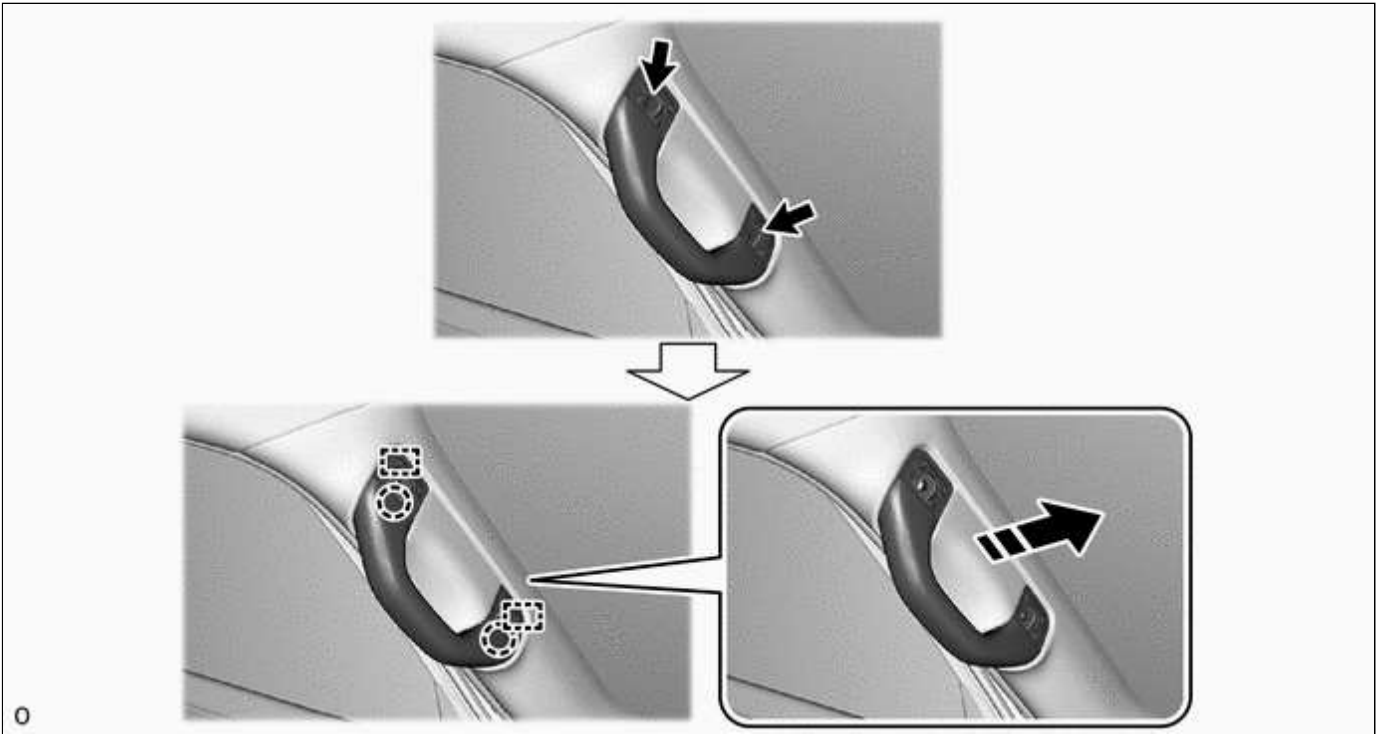
(a) Use the same procedure described for the No. 1 side defroster nozzle.


34. REMOVE ASSIST GRIP PLUG



*a	Protective Tape	-	-
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35. REMOVE PILLAR ASSIST GRIP ASSEMBLY

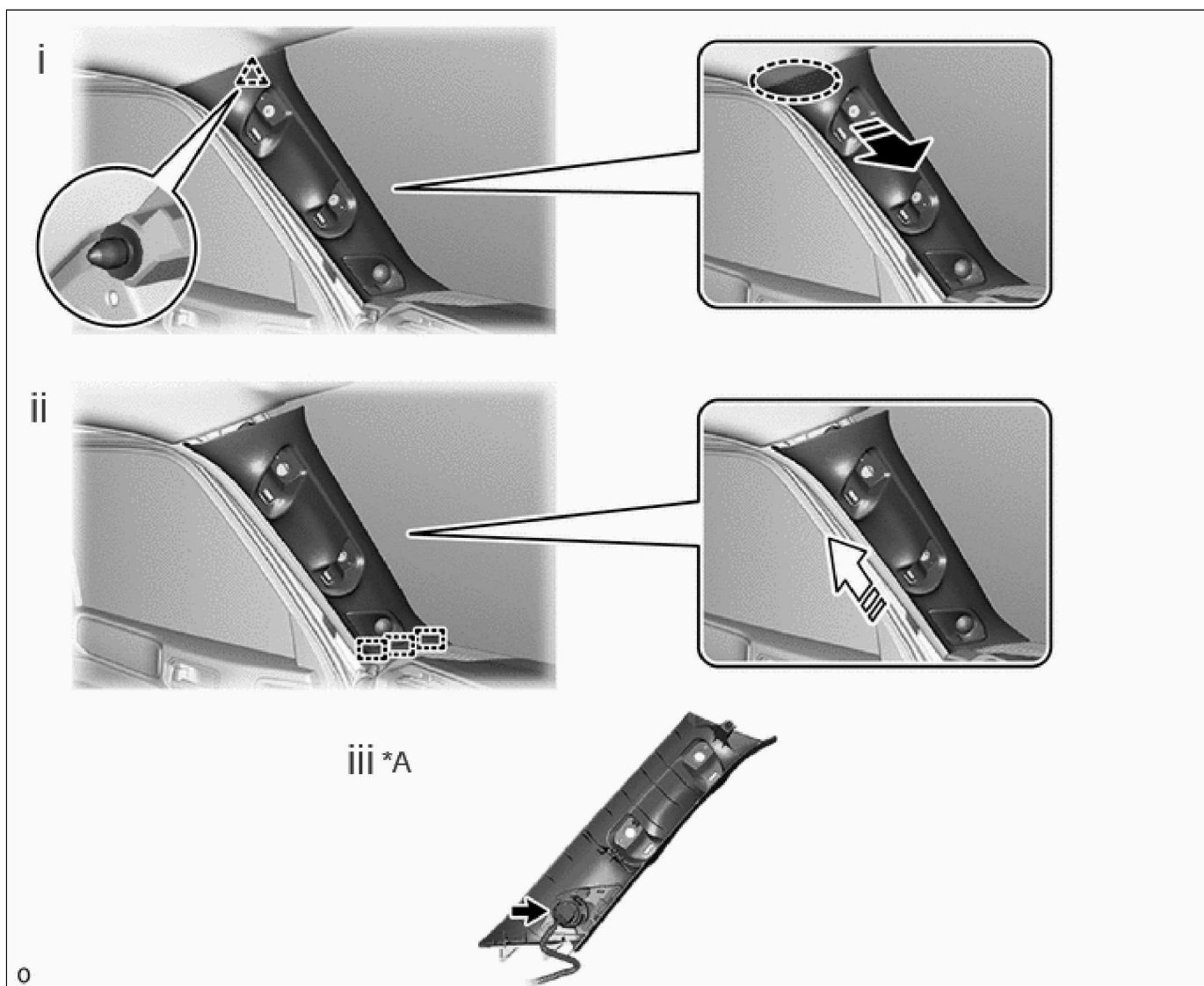





	Remove in this Direction	-	-
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HINT:
Use the same procedure described for the opposite side.

36. REMOVE FRONT PILLAR GARNISH ASSEMBLY LH

HINT:
The illustrations are representative examples, and details may differ.



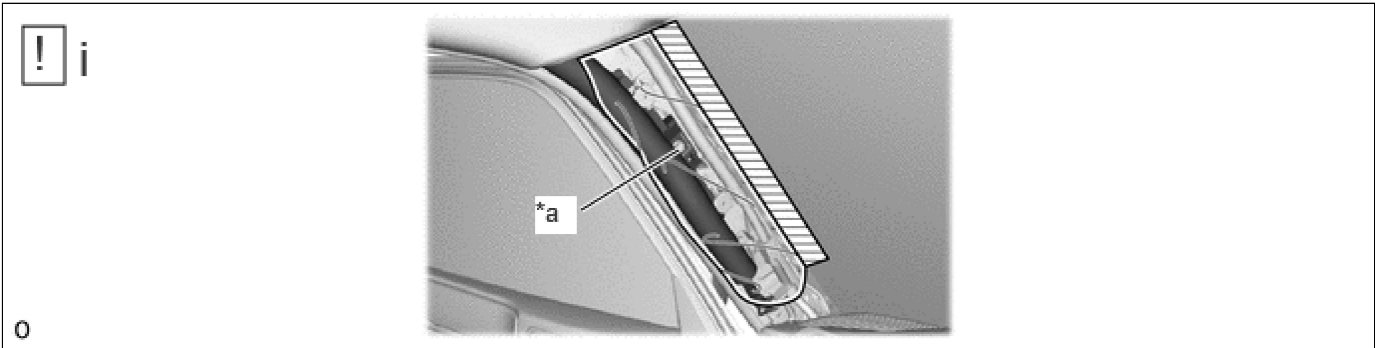
*A	for 14 Speakers	-	-
	Place Hand Here		Remove in this Direction (1)
	Remove in this Direction (2)	-	-


(1) Pull in the removal direction (1) as shown in the illustration and detach the clip.

(2) Pull in the removal direction (2) as shown in the illustration and detach the guide and remove the front pillar garnish assembly LH.

(3) for 14 Speakers:

1. Disconnect the connector.



*a	Protective Cover	-	-
	Adhesive Tape	-	-

(1) Cover the curtain shield airbag assembly LH with a protective cover, such as a cloth, and secure the edges of the cover with tape as shown in the illustration.

CAUTION:

Cover the curtain shield airbag assembly LH with a protective cover as soon as the front pillar garnish assembly LH is removed.



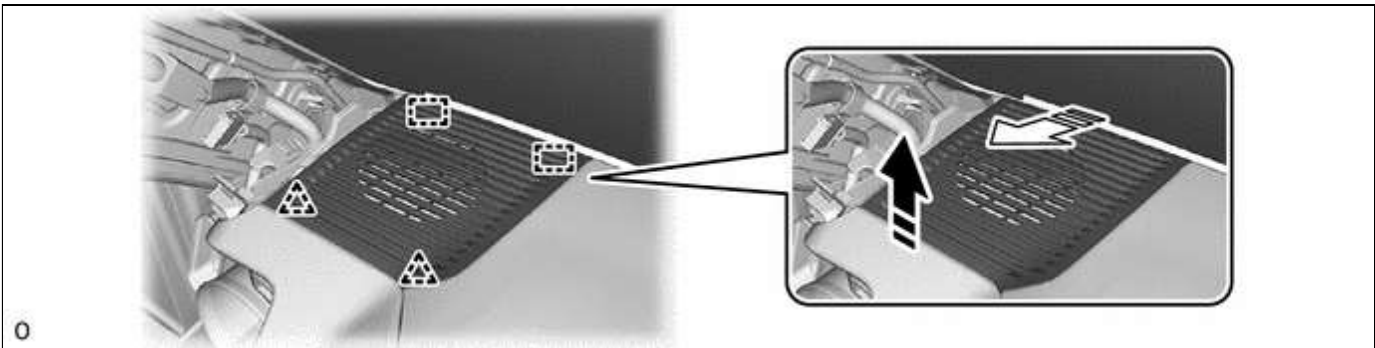
*a	When reusing a front pillar garnish assembly LH	-	-
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(1) Remove the front pillar garnish clip from the front pillar garnish assembly LH.

37. REMOVE FRONT PILLAR GARNISH ASSEMBLY RH

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

38. REMOVE NO. 1 INSTRUMENT PANEL SPEAKER PANEL SUB-ASSEMBLY



	Remove in this Direction (1)		Remove in this Direction (2)
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39. REMOVE NO. 2 INSTRUMENT PANEL SPEAKER PANEL SUB-ASSEMBLY

(a) Use the same procedure described for the No. 1 instrument panel speaker panel sub-assembly.

40. REMOVE FRONT NO. 2 SPEAKER ASSEMBLY (for Side)



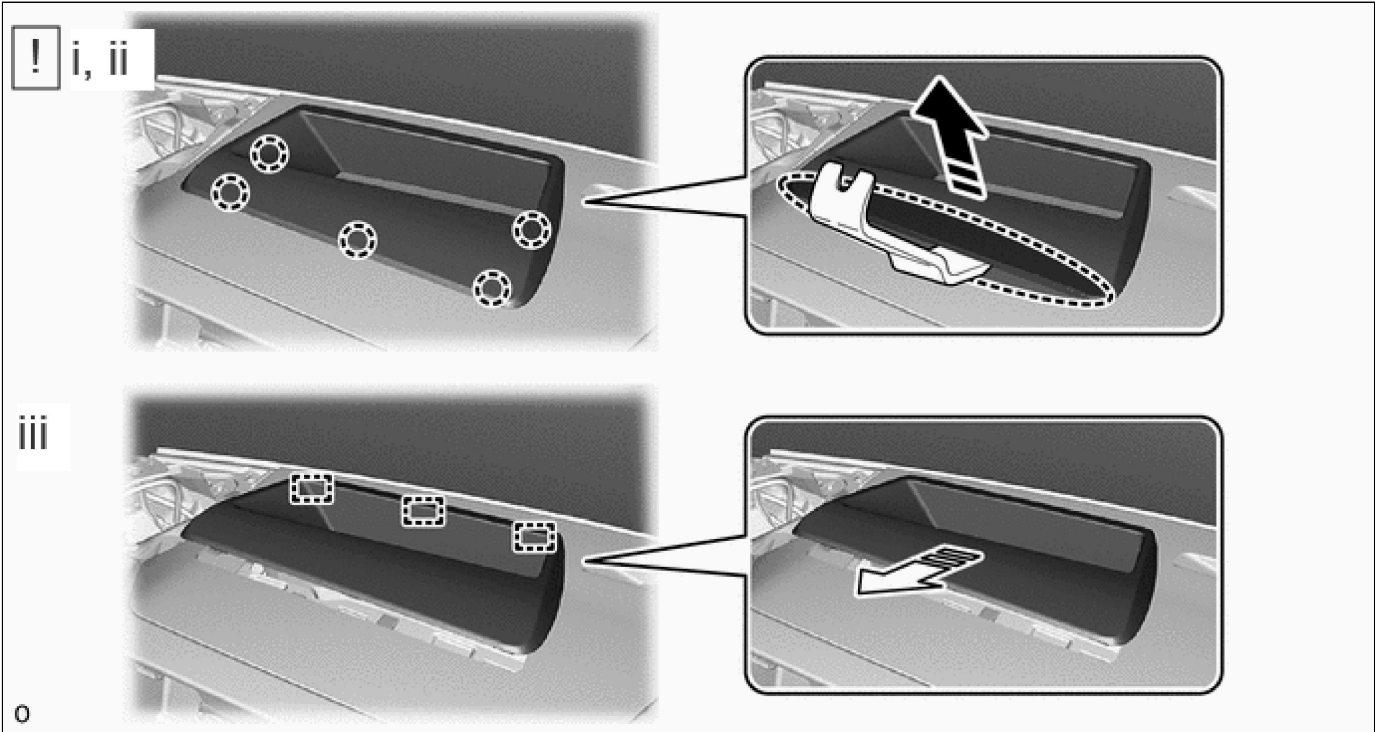
Click here 




41. REMOVE FRONT NO. 3 SPEAKER ASSEMBLY (except 6 Speakers, for Center)



Click here 

42. REMOVE INSTRUMENT CLUSTER FINISH PANEL END (w/ Headup Display)



	Place Hand Here		Remove in this Direction (1)
	Remove in this Direction (2)	-	-

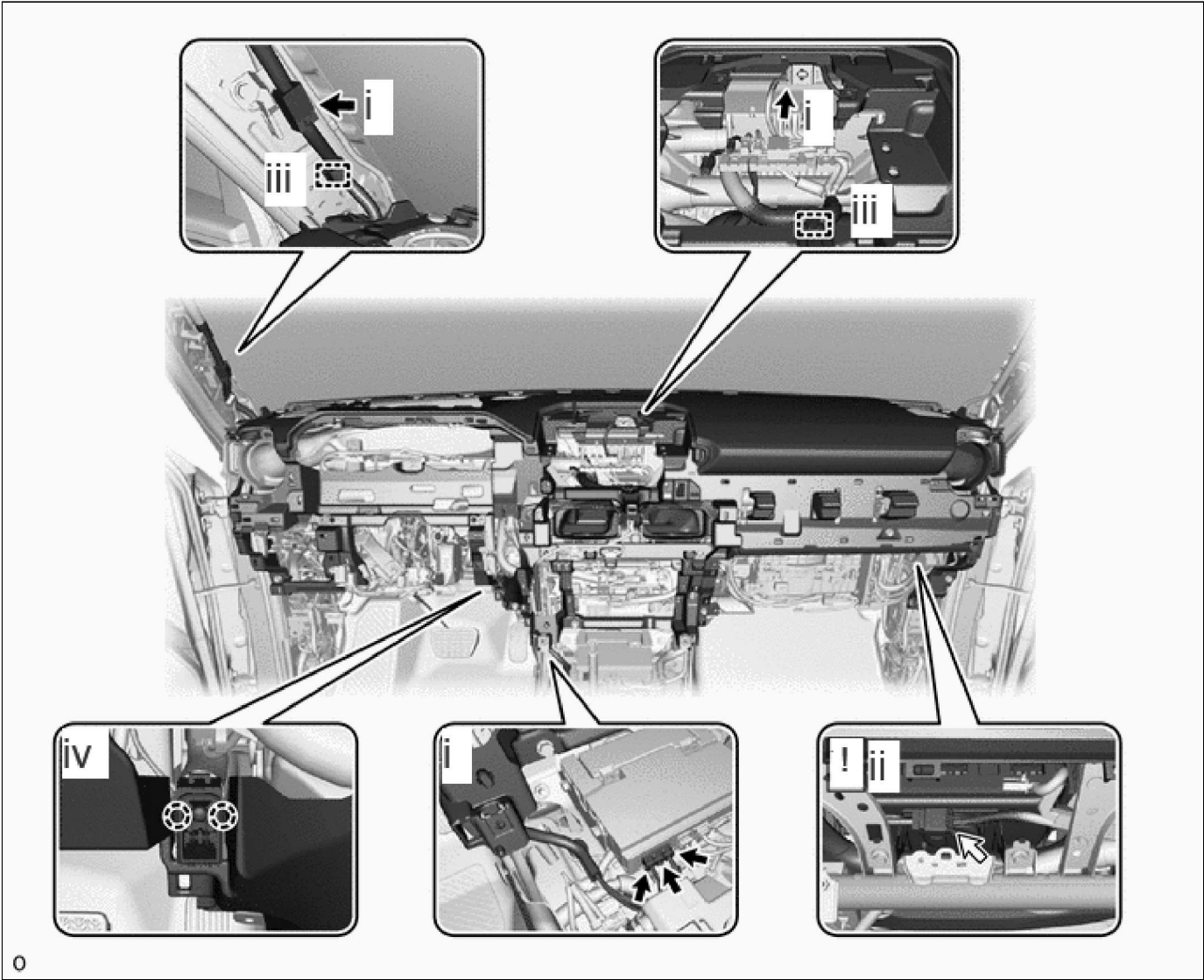
(1) Using moulding remover B, insert the position as shown in the illustration.



- (2) Place your hand in the gap as shown in the illustration, detach the claw.
- (3) Detach the guide and remove the instrument cluster finish panel end as shown in the illustration.

43. REMOVE INSTRUMENT PANEL SAFETY PAD ASSEMBLY

HINT:

The illustrations are representative examples, and details may differ.



	Connector		Airbag Connector
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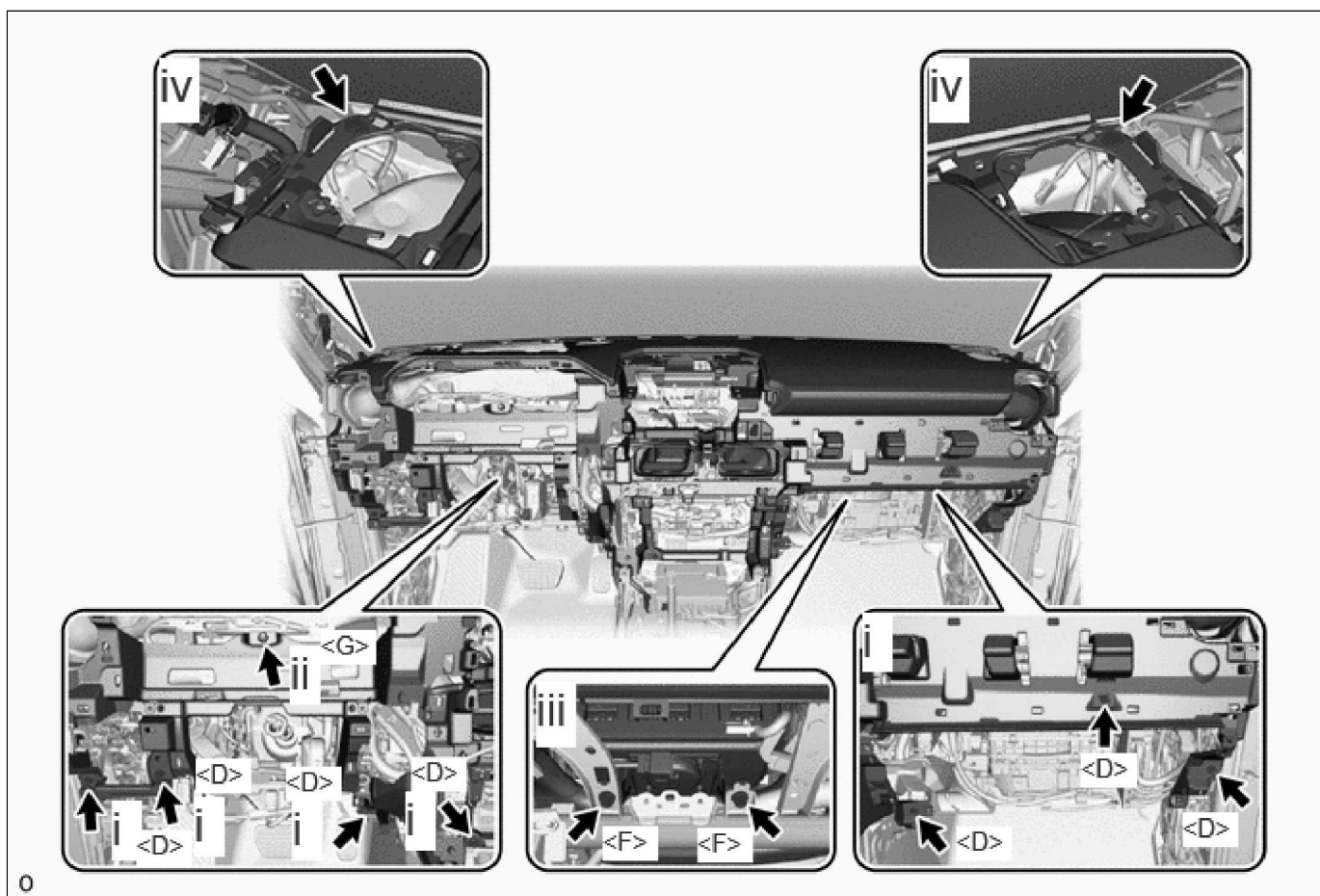
- (1) Disconnect each connector.
- (2) Disconnect the airbag connector.

HINT:

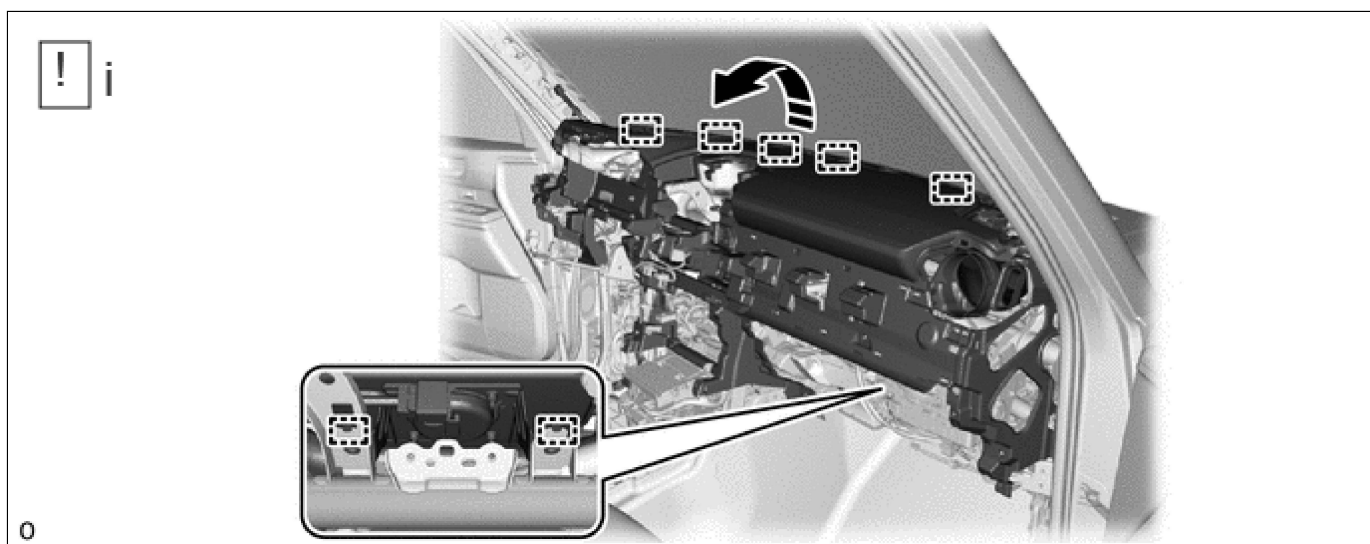
Refer to How to Connect or Disconnect Airbag Connector:

Click here [INFO](#)

- (3) Detach the clamp.
- (4) Detach the claw.



- (1) Remove the 7 bolts <D>.
- (2) Remove the nut <G>.
- (3) Remove the 2 bolts <F>.
- (4) Remove the 2 clips.

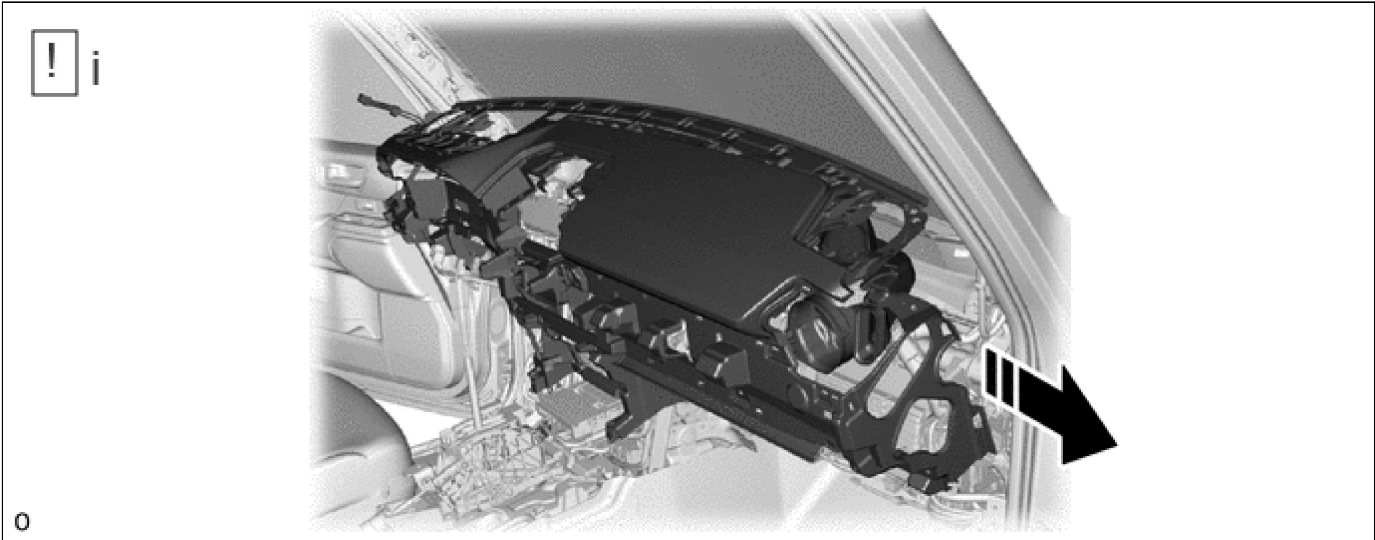



	Remove in this Direction	-	-
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- (1) Detach the guide as shown in the illustration.

NOTICE:

- Do not damage the instrument panel safety pad assembly or vehicle interior.
- Make sure that the wire harness does not get caught on anything as it may become damaged.



	Remove in this Direction	-	-
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(1) Remove the instrument panel safety pad assembly as shown in the illustration.

NOTICE:

- Do not damage the instrument panel safety pad assembly or vehicle interior.
- Make sure that the wire harness does not get caught on anything as it may become damaged.

