



Toyota Genuine Audio

INSTALLATION INSTRUCTIONS

FOR



Corolla (RHD)

**** E12**-A AND ** E12**-D**

PRECAUTIONS

PLEASE READ THOROUGHLY THESE PRECAUTIONS BEFORE THE INSTALLATION

- Be sure to disconnect the negative (-) lead from the battery terminals.



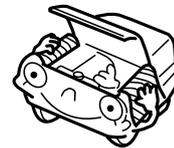
- Confirm that lamps, horn, wiper and other car accessories operate normally.



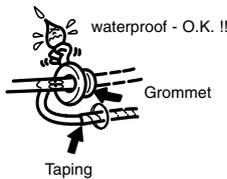
- Do not pinch the rear wiring or harness in the tightened part.



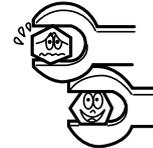
- Protect your car using wing covers, seat and so on.



- When passing the wires through the bulkhead or other panels, use a grommet to ensure waterproofing.
- Protect the wiring using tape when it is passed through a hole.

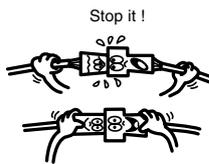


- Use the correct tool when tightening bolts or nuts.



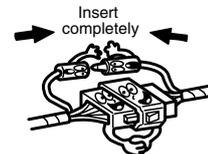
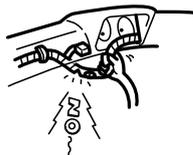
- When disconnecting the connectors, be sure to grip the connector body. Do not tug on the wiring.

- Before drilling a hole, check that the rear of the mounting wall is clear.

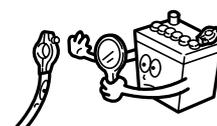


- Do not forcibly pull any car wiring harness. Rough tugging may result in opened connections, or a broken wire or harness.

- Be sure to firmly tighten connectors and terminals.



- Before connecting the power wiring to the battery, check the wiring connections, harness, etc. to see that they are properly secured.



- Check body and trim near area of installation to be certain no dirt or scratches resulted from the installation.

TABLE OF CONTENTS

1. Application Chart.....	4
2. System Layout	5
3. In-Dash 6CD Changer Installation	7
4. Hide Away 6CD Changer Installation.....	19
5. Tweeters Installation	25
6. Subwoofer Installation	30

AUDIO APPLICATION CHART

TMME-CA Division Dev. Dept. - 05May, 2004

Corolla **E12-A and **E12**-D**

(LHD + RHD)

		+ ADD-ON UNIT(S)		Navigation System TNS-300 (08545-52801)		
		Hide-Away CD-Changer TM0461(08601-00911)	In Dash CD-Changer TM 0561(08601-00907)			
		COMBINATION	HEAD UNIT	REQUIRED ADDITIONAL PARTS		
1	CD-Tuner (only)		Standard from factory			
2	CD-Tuner + CD-Changer		Standard from factory	● (1)		F/K 08695-02800 + wire 08695-00370 wire 08695-00370
3	CD-Tuner + Navigation (TBT)		Standard from factory	● (2)		F/K (PZ 425-E0336-60) + wire 08673-64800 + wire 08673-64801
4	CD-Tuner + CD-Changer + Navigation (TBT)		Standard from factory	● (2)		F/K (PZ 425-E0336-60) + F/K 08695-02800 + wire 08695-00370 + wire 08673-64801 + wire 08673-64800
5	CD Changer-Tuner (only)		Standard/optional from factory	● (1)		F/K (PZ 425-E0336-60) + wire 08673-64801 + wire 08673-64800
6	CD Changer-Tuner + CD-Changer		Standard/optional from factory	● (1)		F/K 08695-02800 + wire 08695-00370 wire 08695-00370
7	CD Changer-Tuner + Navigation (TBT)		Standard/optional from factory	● (2)		F/K (PZ 425-E0336-60) + wire 08673-64800 + wire 08673-64801
8	CD Changer-Tuner + CD-Changer + Navigation (TBT)		Standard/optional from factory	● (2)		F/K (PZ 425-E0336-60) + F/K 08695-02800 + wire 08695-00370 + wire 08673-64801 + wire 08673-64800
10	Head unit		Standard/optional from factory	● (1)		F/K 08695-02800 + wire 08695-00370 wire 08695-00370

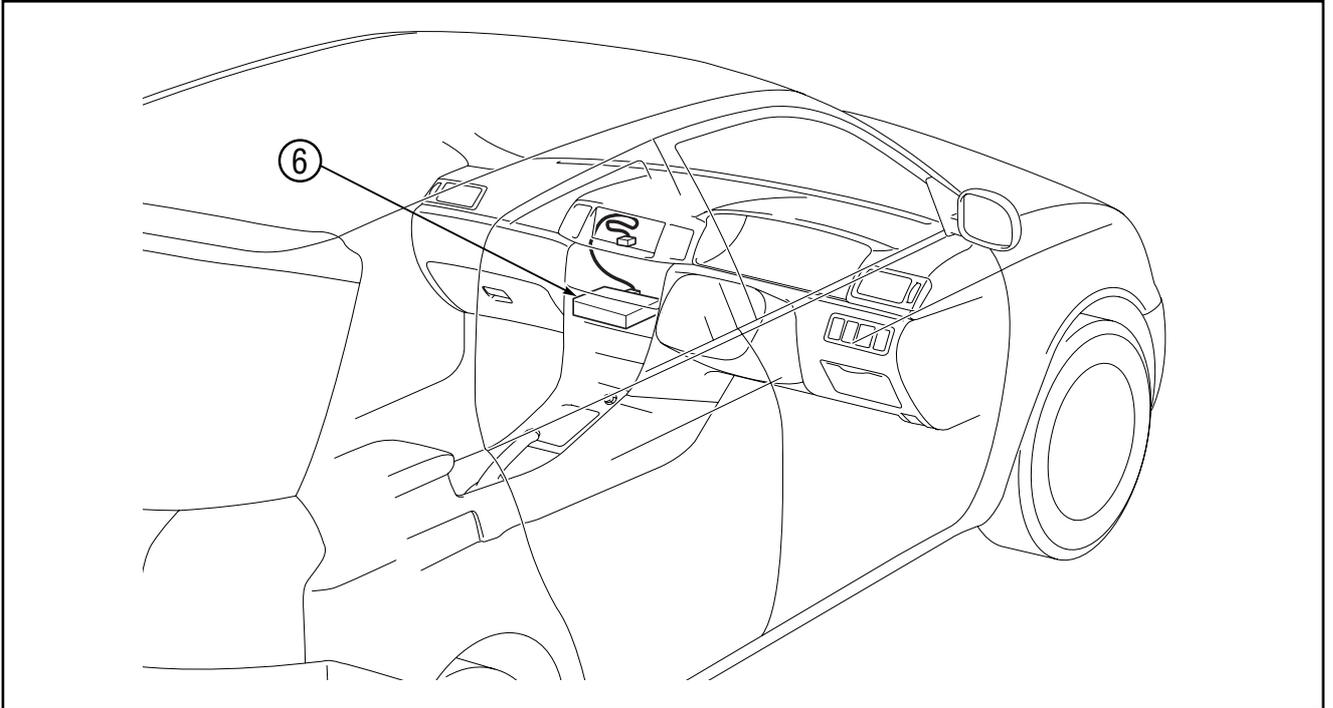
(1) Located under the RH seat, (2) located under the LH seat

Subwoofer 08691-00834: On the floor, preferably under the RH seat (if free), under LH also possible (if free)

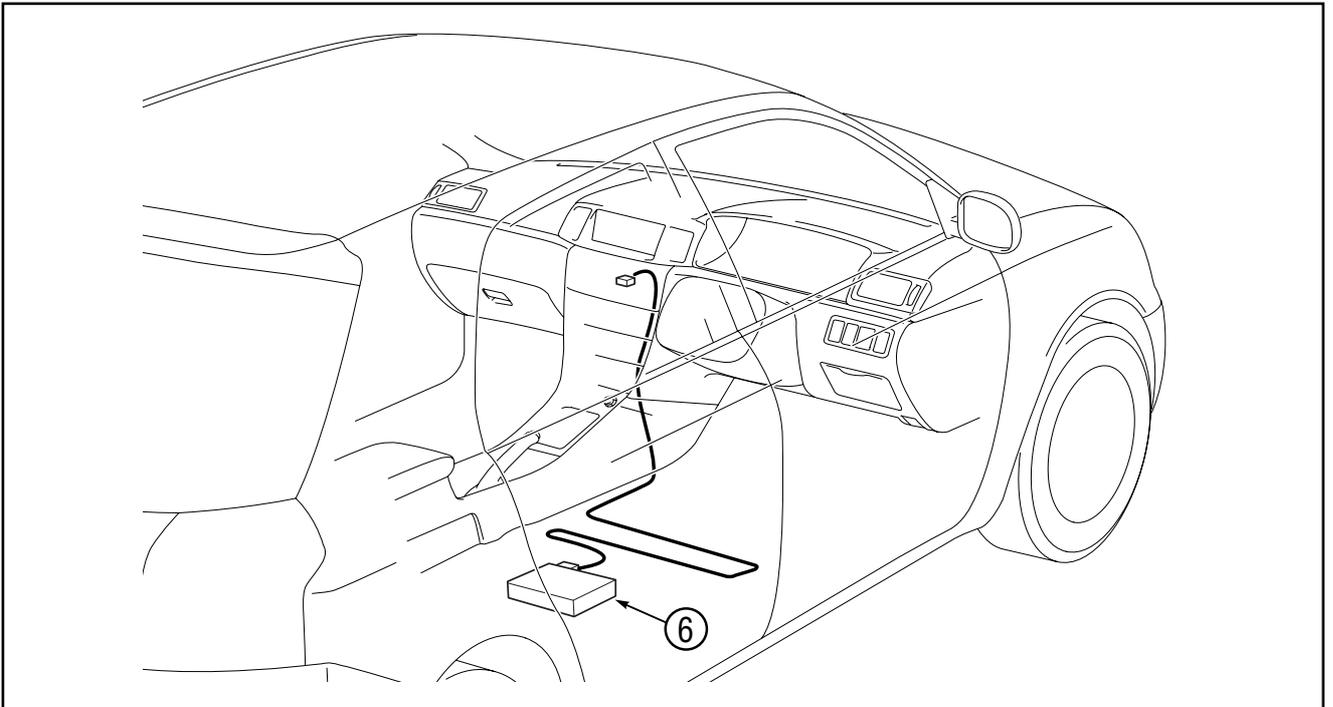
2. SYSTEM LAYOUT



IN-DASH 6 CD-CHANGER

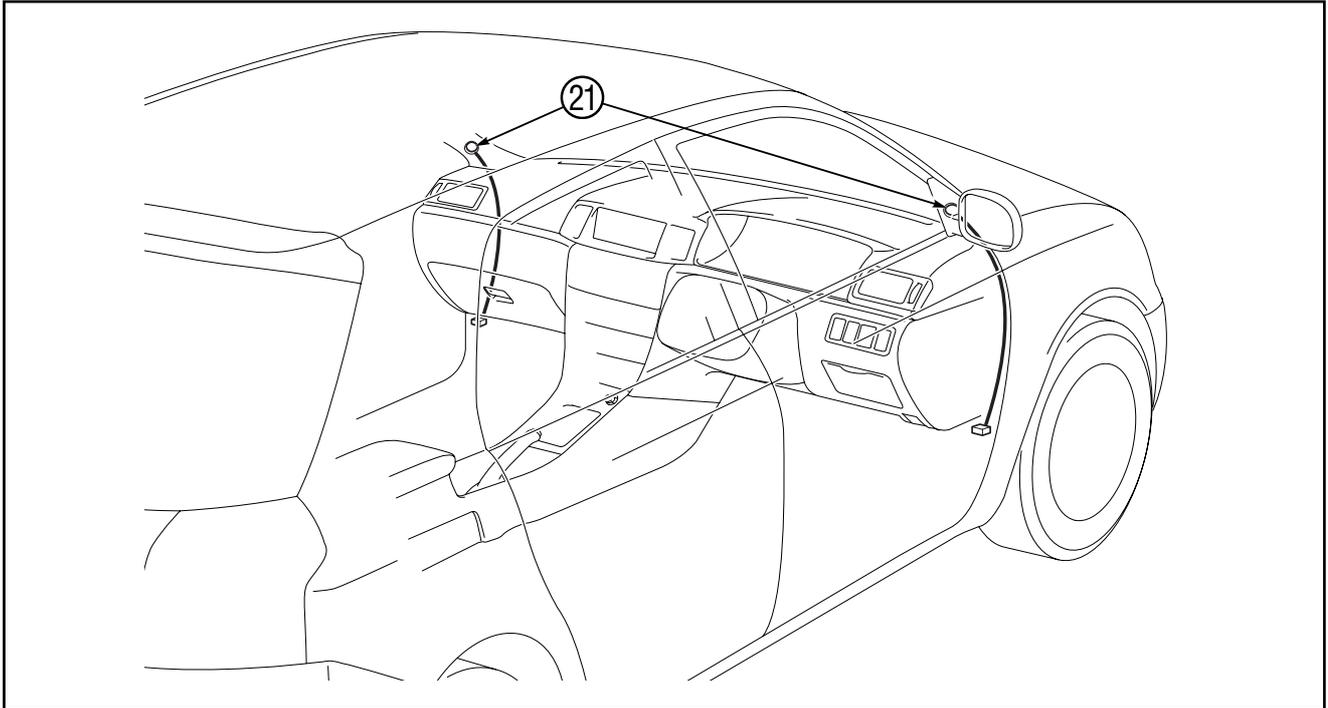


HIDE-AWAY 6 CD-CHANGER

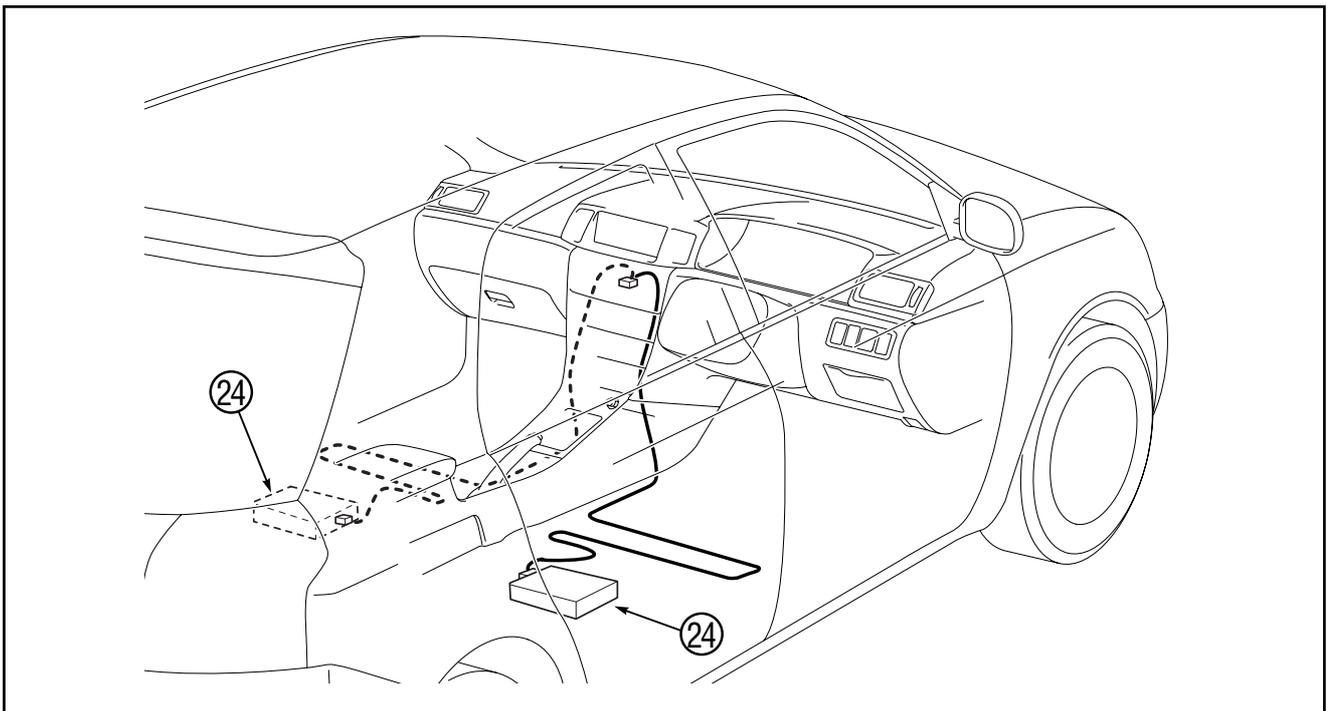


See Application Chart

TWEETERS



SUBWOOFER



See Application Chart

3. IN-DASH 6CD CHANGER INSTALLATION Ⓣ

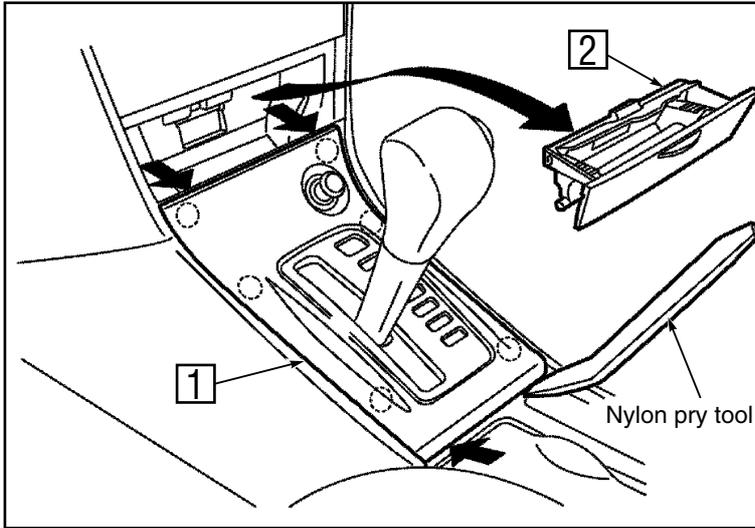


Fig. 1

1.
 - a) Remove the shift cover 1.
○: Clip (6x)
 - b) Remove the ashtray 2.

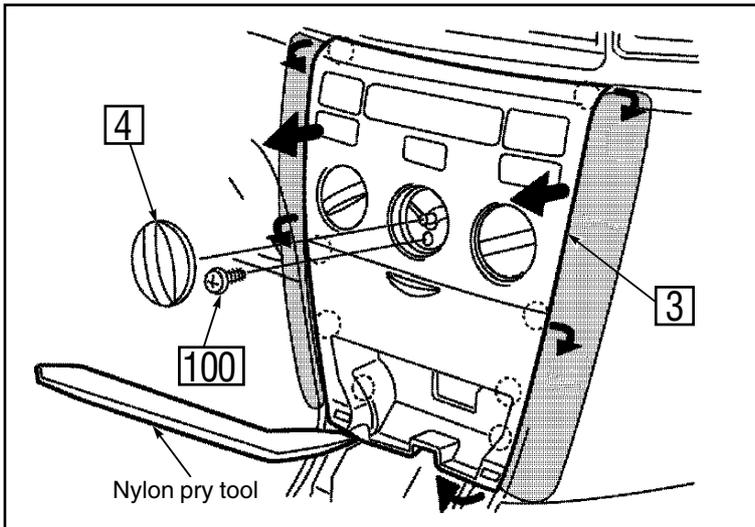


Fig. 2

IN CASE OF MANUAL AIR CONDITIONER

2.
 - a) Remove the screw 100 and control knob 4.
100: Screw (1x)
 - b) Remove the lower cluster panel 3.
○: Clip (8x)

CAUTION

Put the protective tapes on the shaded areas. Be sure to remove the parts carefully not to damage the section.

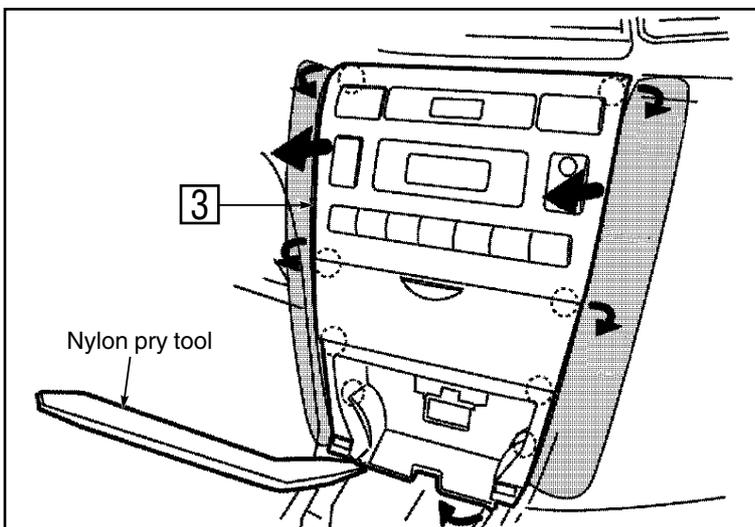


Fig. 3

IN CASE OF AUTO AIR CONDITIONER

3. Remove the lower cluster panel 3.
○: Clip (8x)

CAUTION

Put the protective tapes on the shaded areas. Be sure to remove the parts carefully not to damage the section.

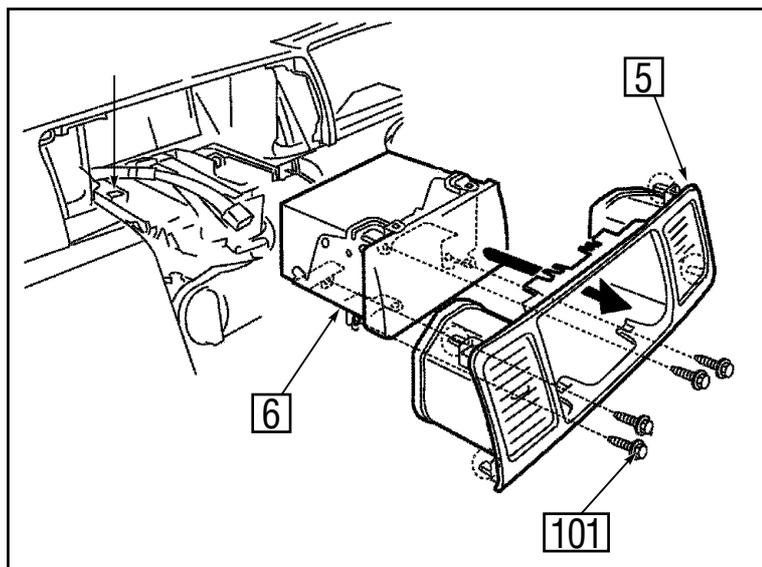


Fig. 4

4.
 - a) Remove the centre cluster panel **5**.
 ○: Clip (4x)
101: Screw (4x)
 - b) Remove the combo **6**.

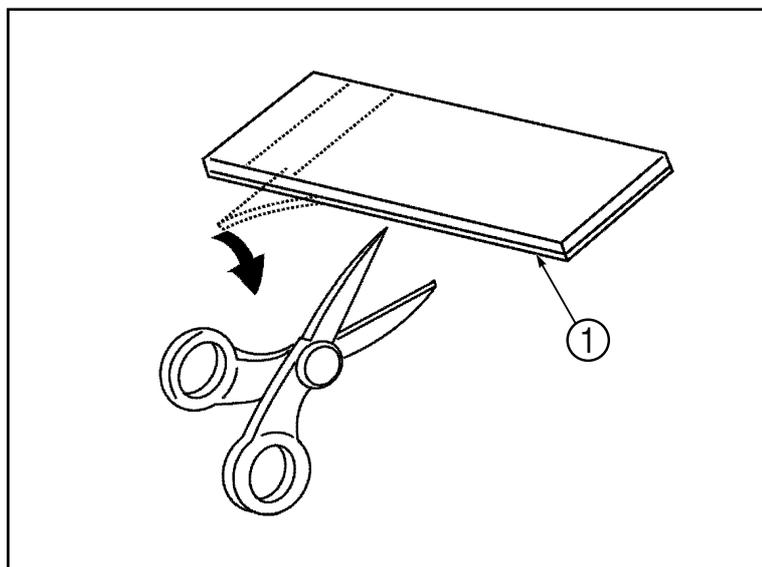


Fig. 5

5. Cut the tape **1** (10 pieces).

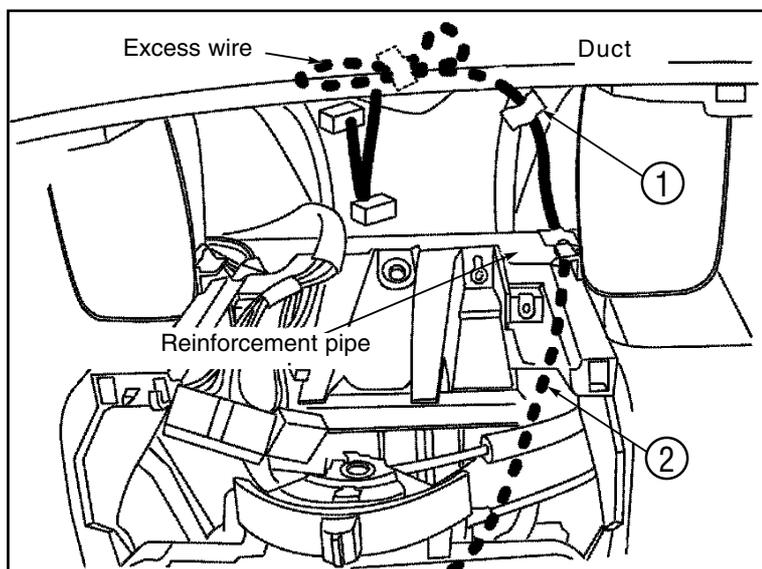


Fig. 6

6.
 - a) Route and attach the changer wire **2** to the reinforcement pipe using tape **1** (2x) as shown.
 - b) Bundle up the excess changer wire **2** and attach it using tape **1** (1x) as shown.

CAUTION

When installing the combo check that the changer wire does not overlap the the rear of the combo.

9. Fit the spring nuts ④ (2x).

CAUTION

Slightly expand the spring nuts and install them gently.

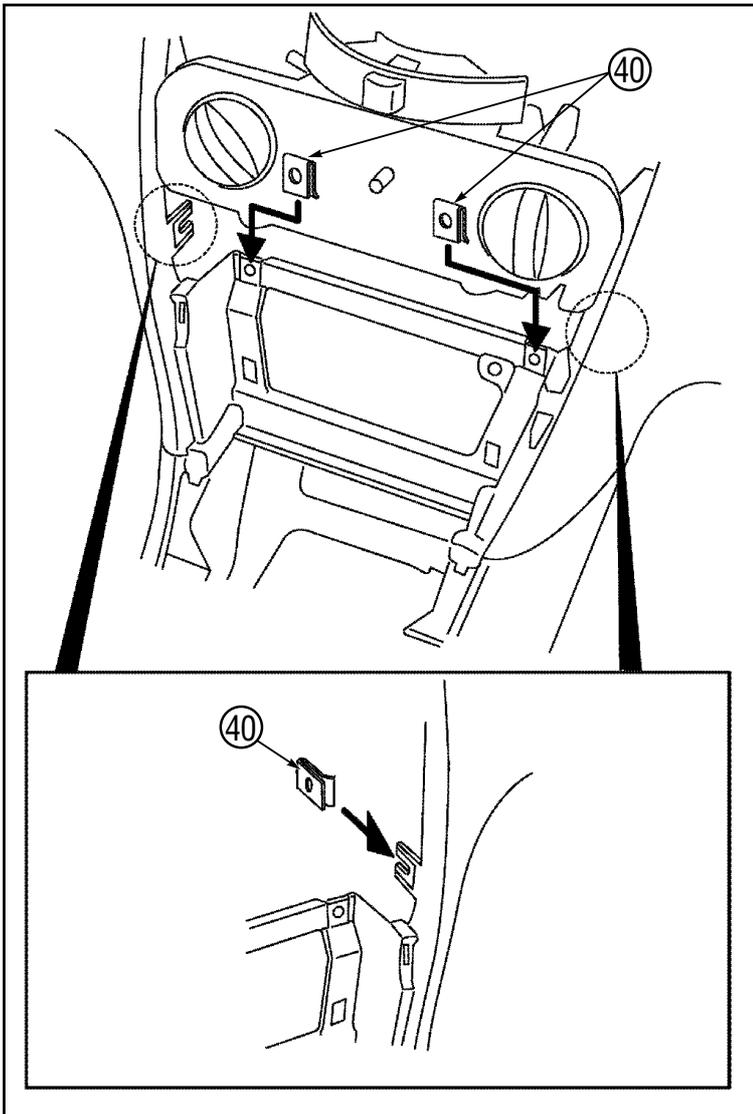


Fig. 9

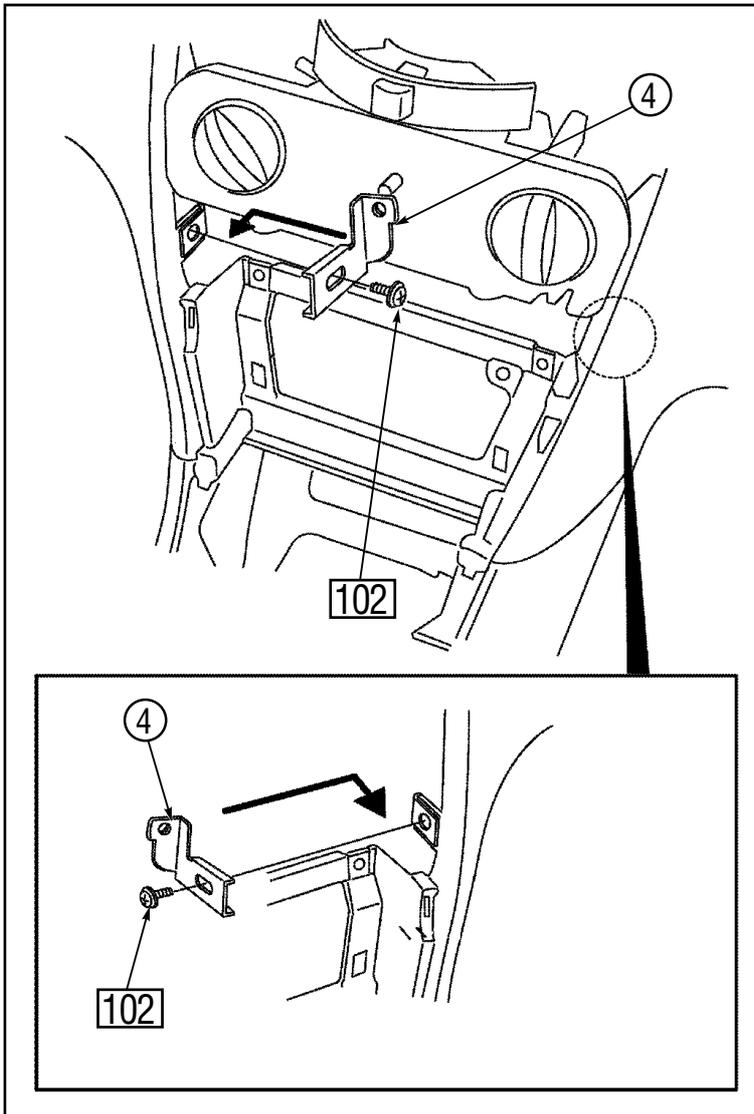


Fig. 10

10. Fit the sub brackets ④ (L + R) using screws ⑩ as shown.
⑩: Screw (2x)

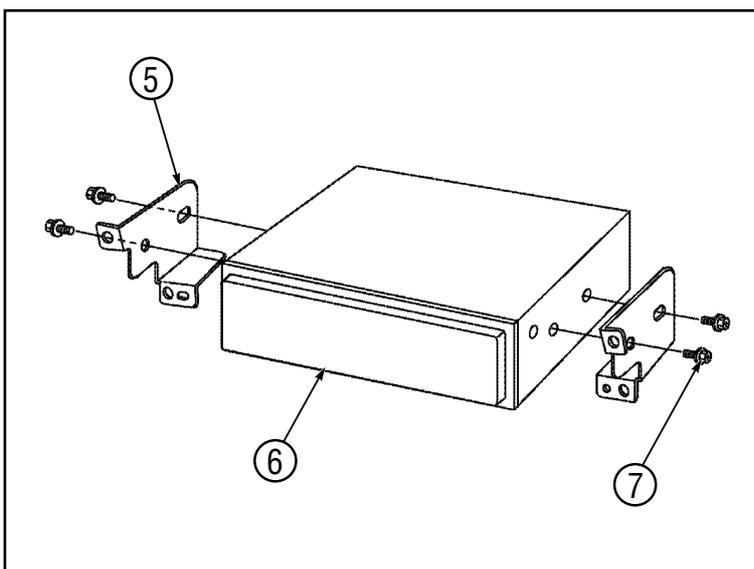


Fig. 11

11. Fit the side brackets ⑤ (L + R) to the in-dash changer-unit ⑥ using screws ⑦.
⑦: Screw (4x)

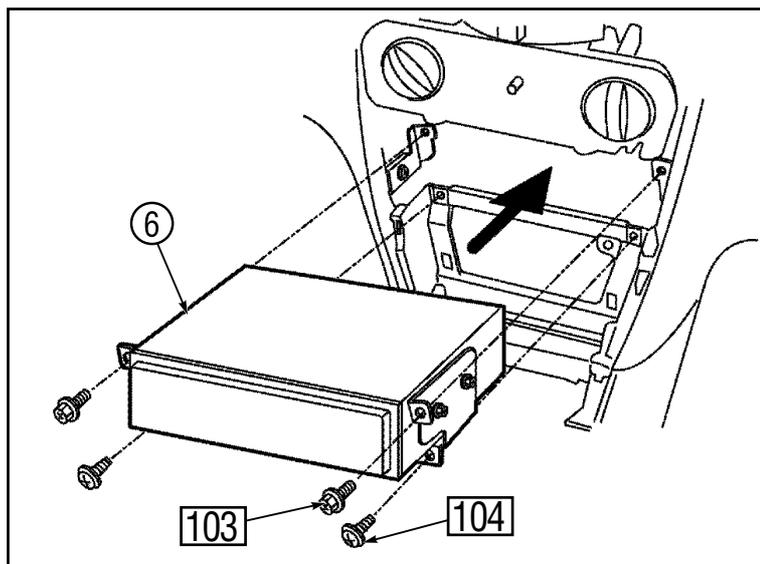


Fig. 12

12. Fit the in-dash changer-unit (6) using screws (103) + (104).
 (103): Screw (2x)
 (104): Tapping screw (2x)

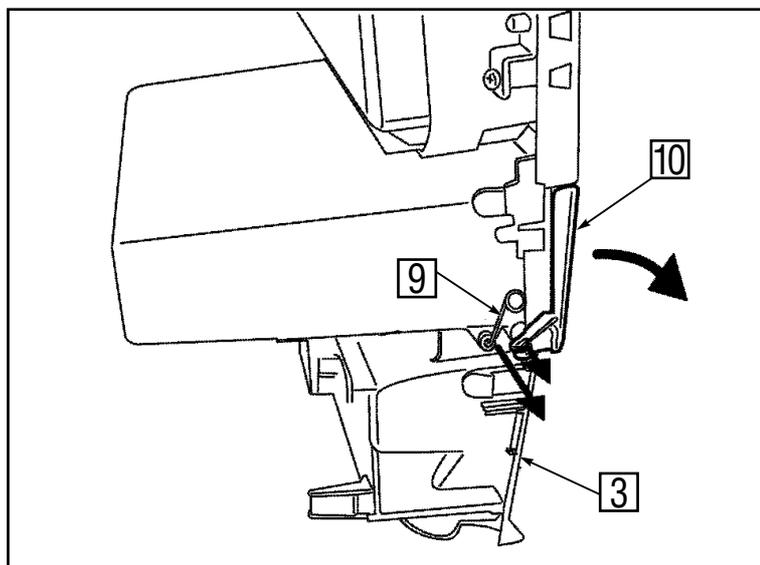


Fig. 13

13.
 a) Remove the distortion spring (9).
 b) Remove the cover (10) from the lower cluster panel (3).

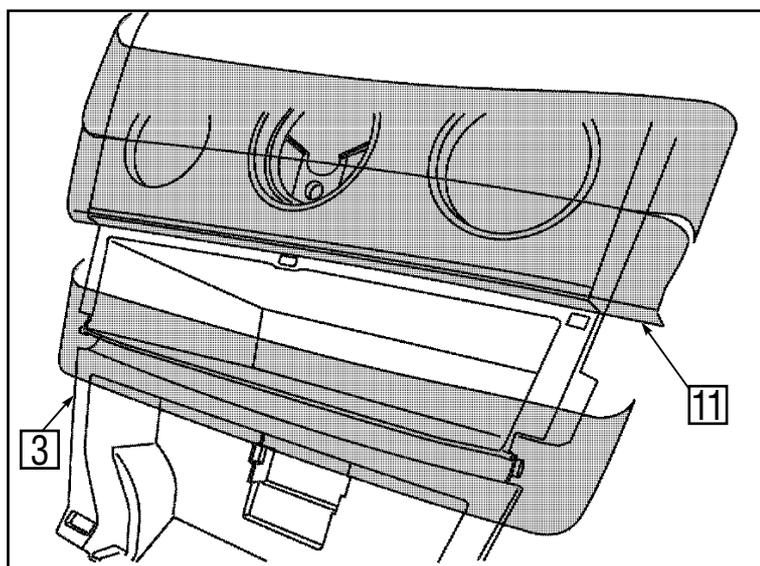


Fig. 14

14. Attach protection tape (11) to the lower cluster panel (3) as shown in order not to damage the surface of the lower cluster panel (3).

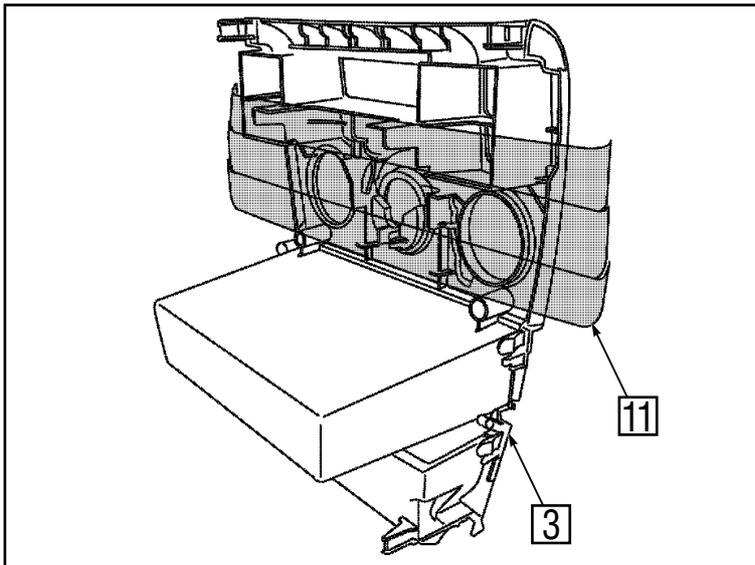


Fig. 15

IN CASE OF MANUAL AIR CONDITIONER

15. Attach protection tape ⑪ as shown so that there will be no scrap adhering to the reverse side of the lower cluster panel ③.

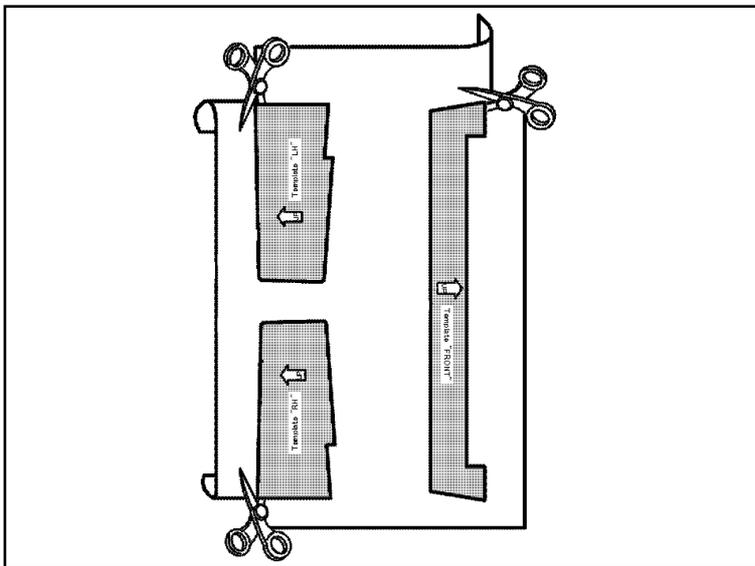


Fig. 16

16.
 a) Copy the template from the manual (page 34).
 b) Cut the templates using scissors.

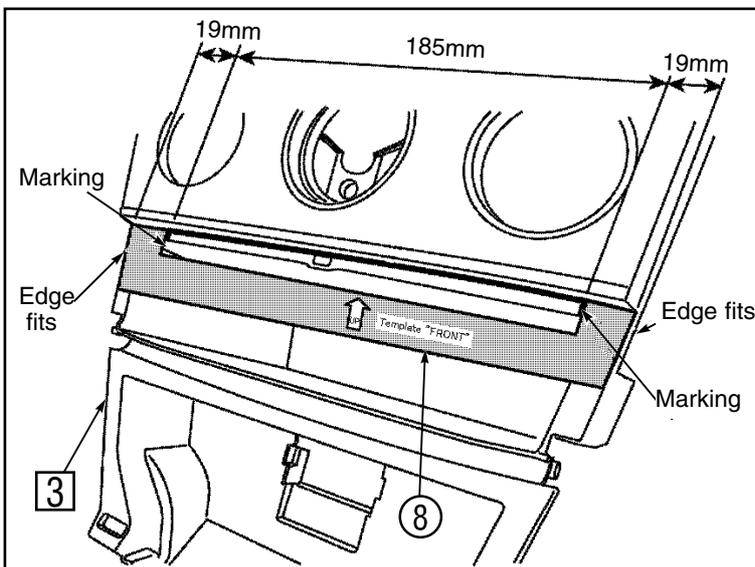


Fig. 17

17. Mark the cluster panel ③ by using the template 'front' ⑧.

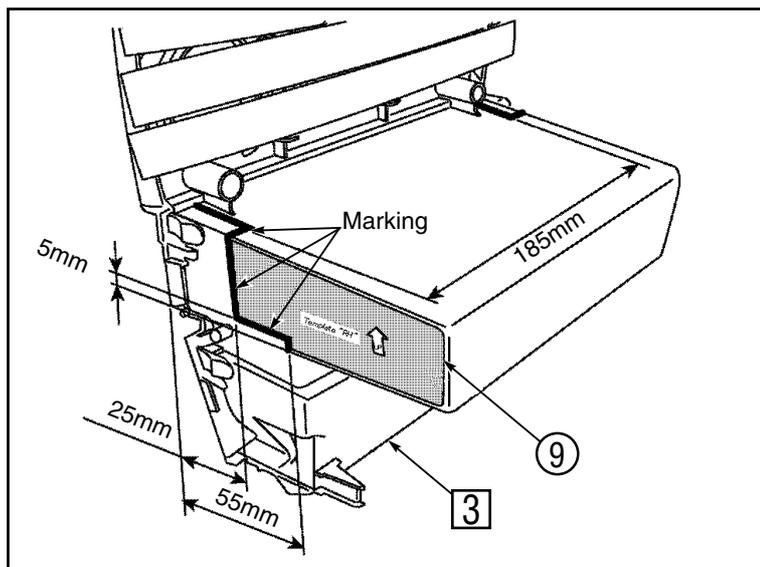


Fig. 18

18. Mark the right side of the cluster panel **3** using template 'RH' **9**.

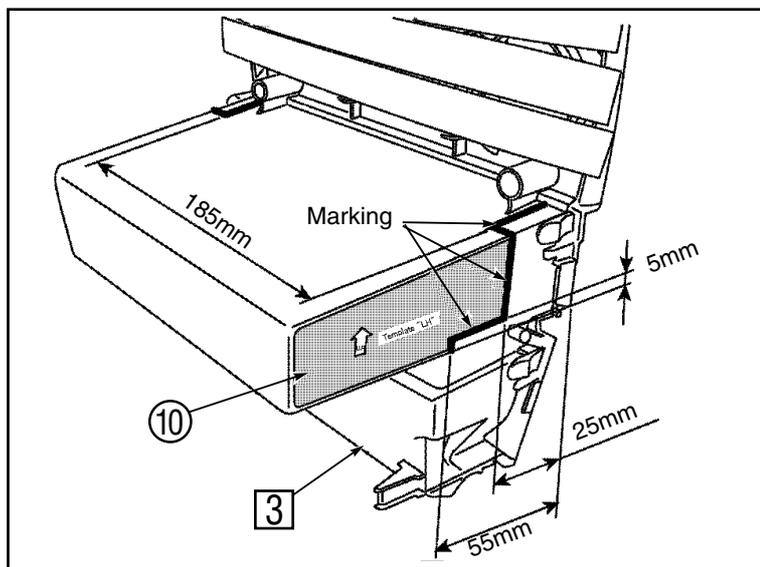


Fig. 19

19. Mark the left side of the cluster panel **3** using the template 'LH' **10**.

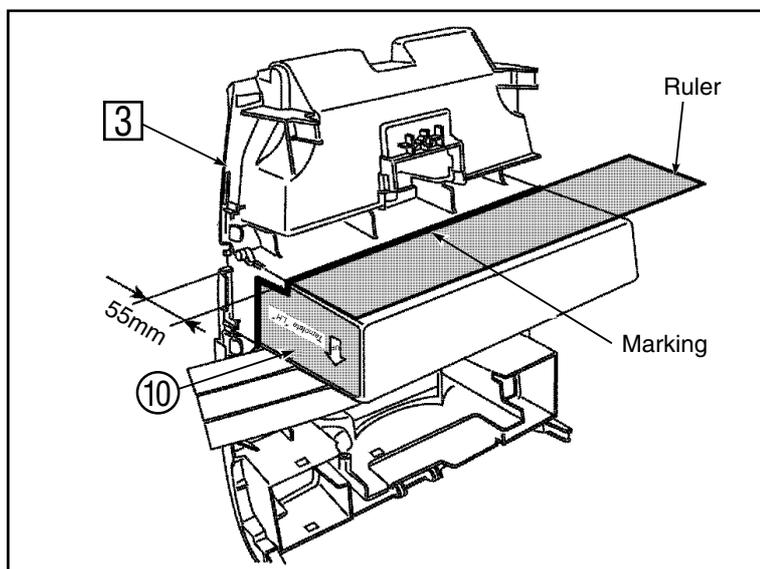


Fig. 20

20. Mark the lower side of the reverse side of the cluster panel **3** using a ruler.

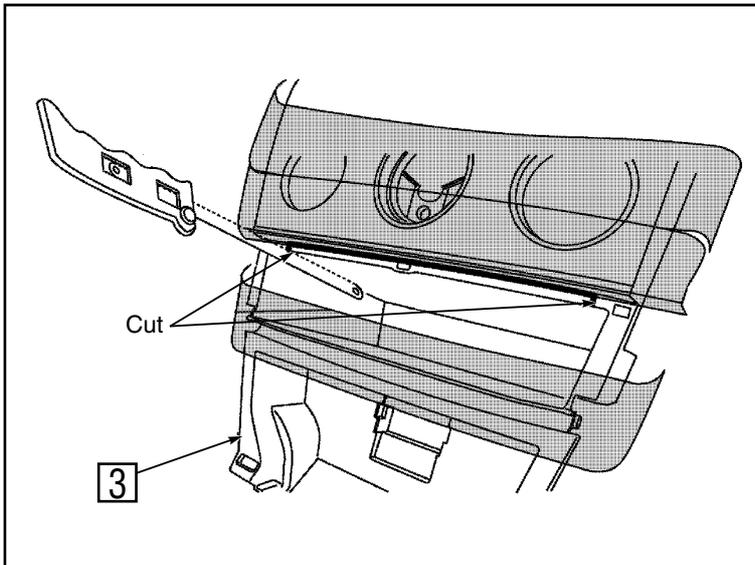


Fig. 21

21. Make 2 cuts at the 2 marked points in the lower cluster panel ③ as shown using a saw.

CAUTION
Be careful not to damage the lower part of the cluster panel with the saw.

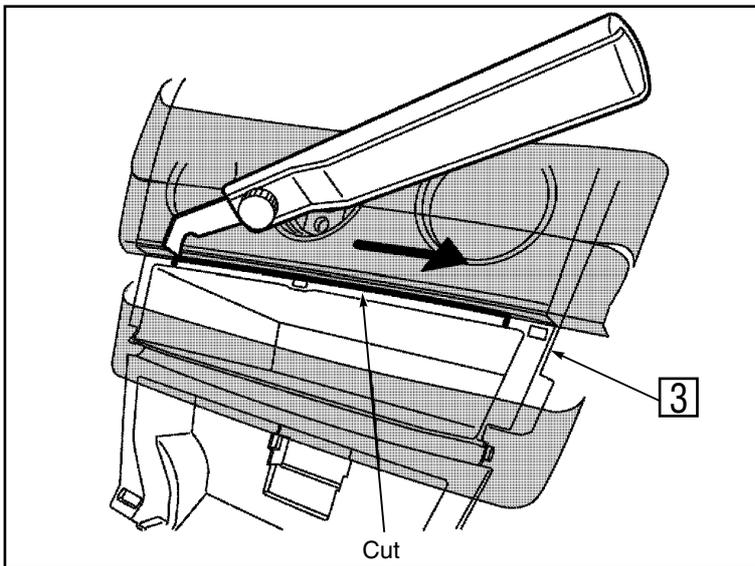


Fig. 22

22. Make a cut in the lower cluster panel ③ as shown using a cutter.

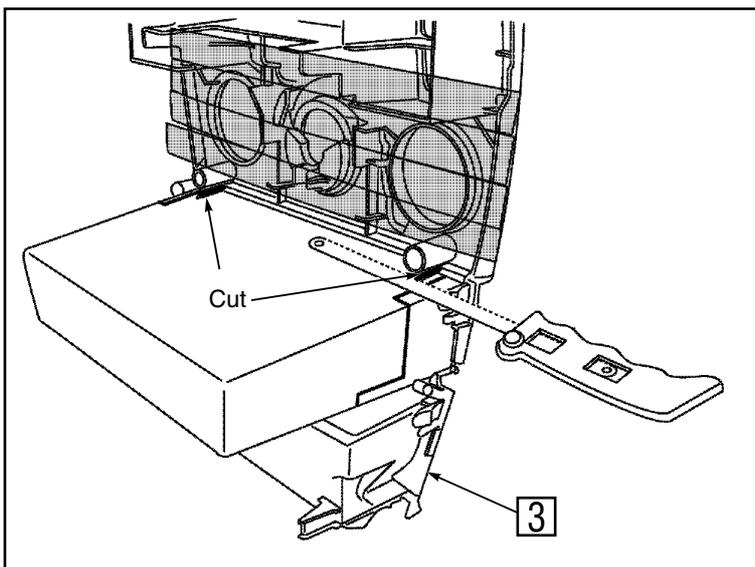


Fig. 23

23. Cut the 2 ribs as shown using a saw.

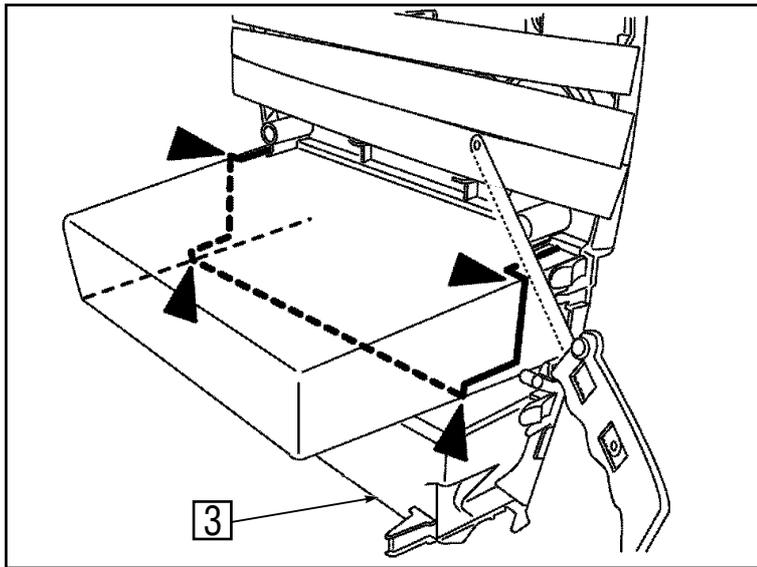


Fig. 24

- 24. Cut the marked areas at the 4 corners of the lower cluster panel 3 using a saw.

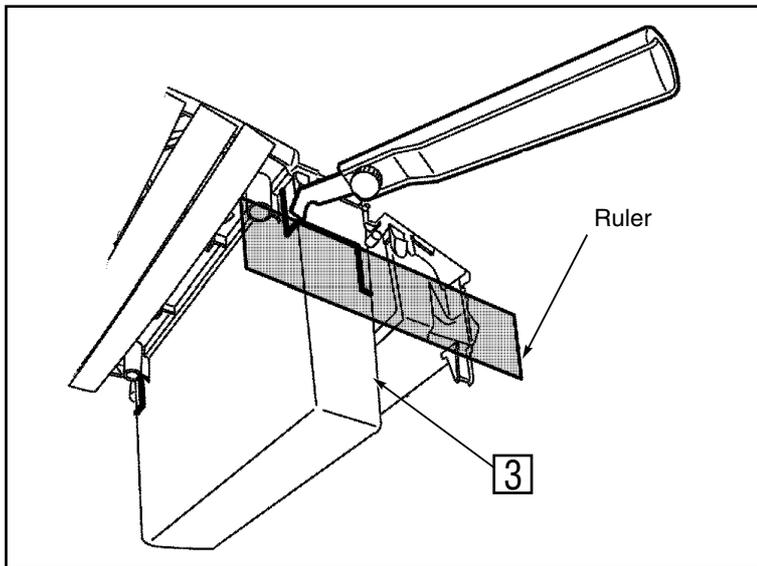


Fig. 25

- 25. Cut the other markings on the right side of the lower cluster panel 3 using a cutter.

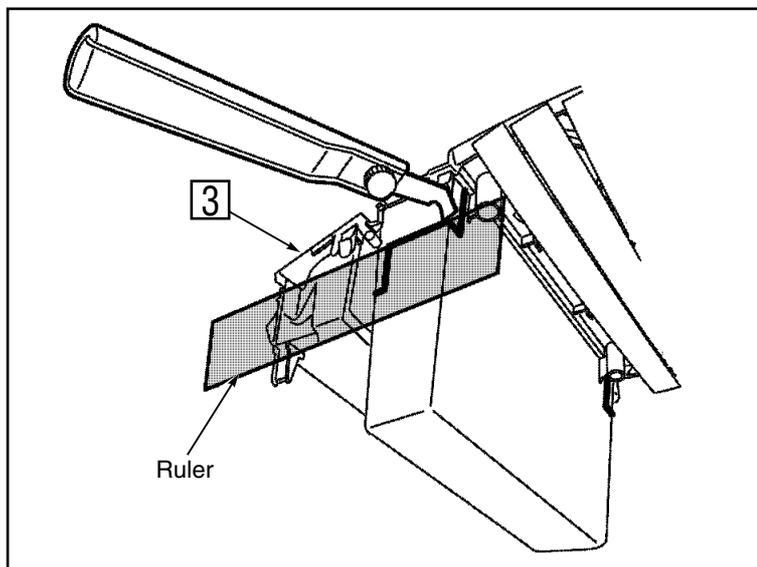
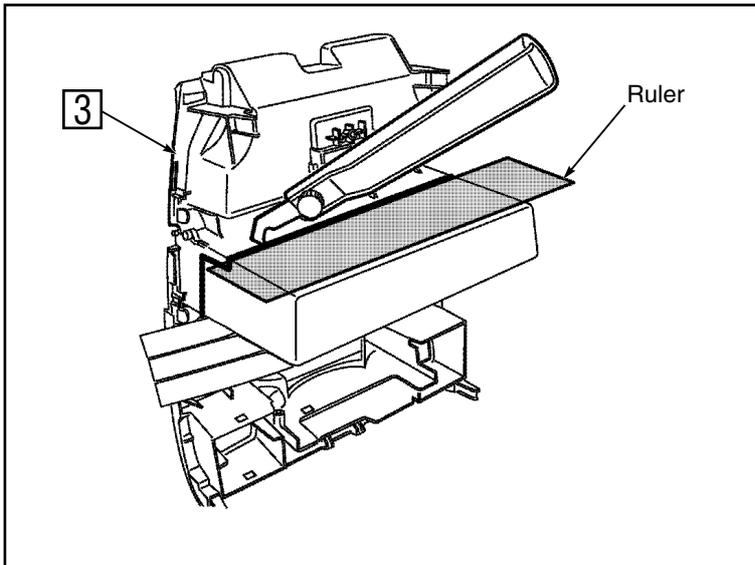


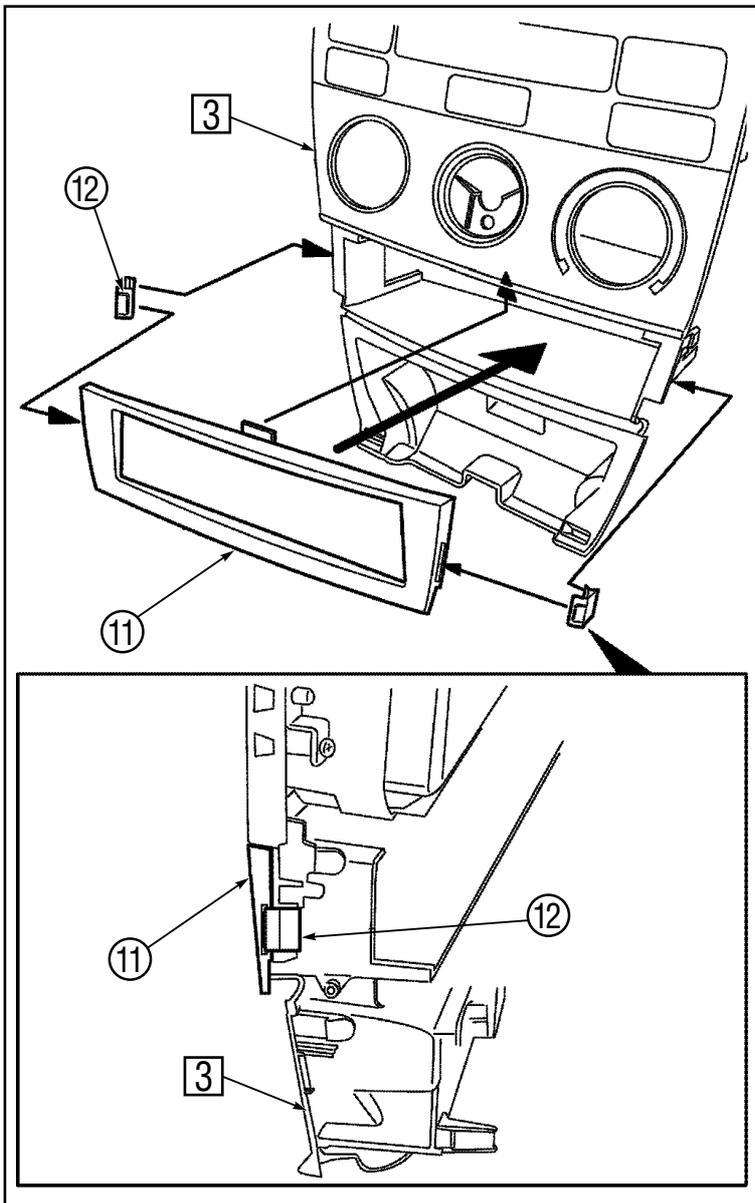
Fig. 26

- 26. Cut the other markings on the left side of the lower cluster panel 3 using a cutter.



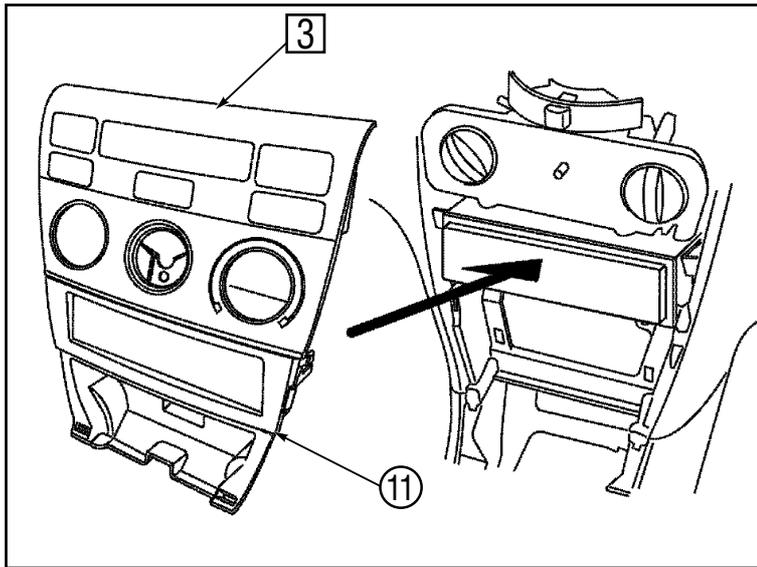
27. Cut the marked area using a ruler as shown.

Fig. 27



28. Fit the panel ① on the lower cluster panel ③ using clips ②.
②: Clip (2x)

Fig. 28



29. Reinstall the lower cluster panel ③.

Fig. 29

4. HIDE AWAY 6CD CHANGER INSTALLATION

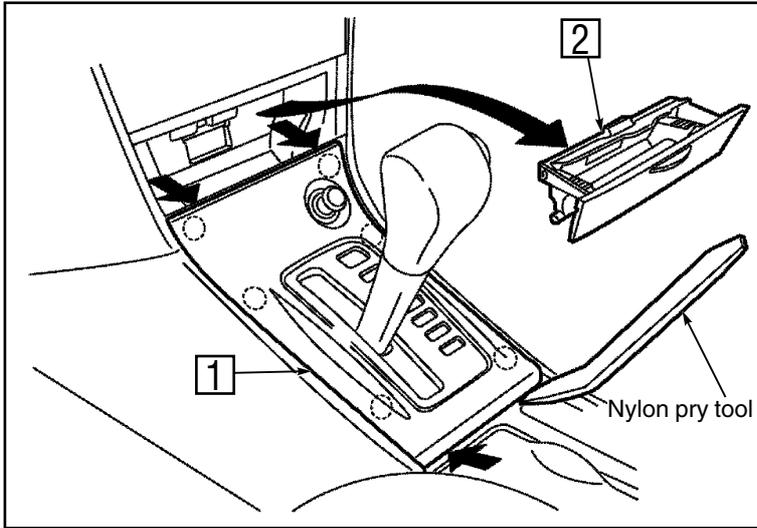


Fig. 30

1.
 - a) Remove the shift cover 1.
○: Clip (6x)
 - b) Remove the ashtray 2.

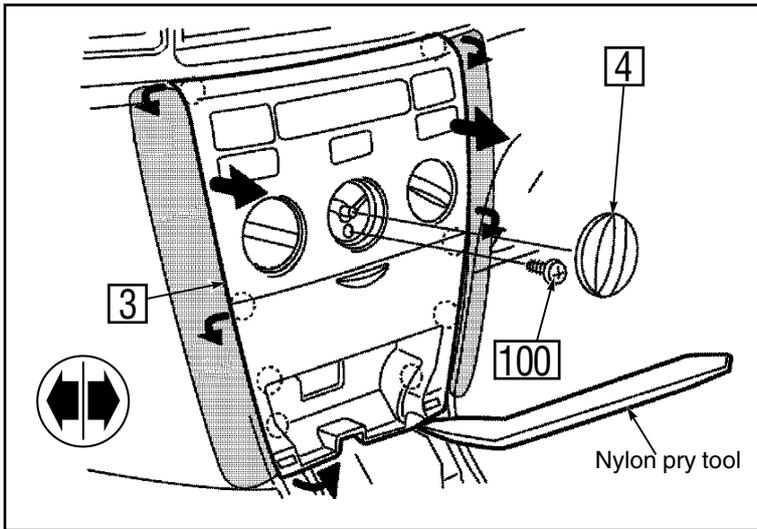


Fig. 31

IN CASE OF MANUAL AIR CONDITIONER

2.
 - a) Remove the screw 100 and control knob 4.
100: Screw (1x)
 - b) Remove the lower cluster panel 3.
○: Clip (8x)

CAUTION

Put the protective tapes on the shaded areas. Be sure to remove the parts carefully not to damage the section.

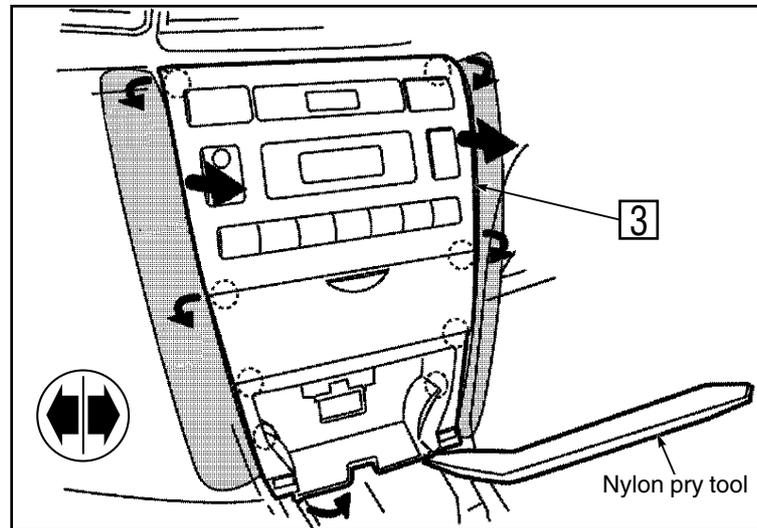


Fig. 32

IN CASE OF AUTO AIR CONDITIONER

3. Remove the lower cluster panel 3.
○: Clip (8x)

CAUTION

Put the protective tapes on the shaded areas. Be sure to remove the parts carefully not to damage the section.

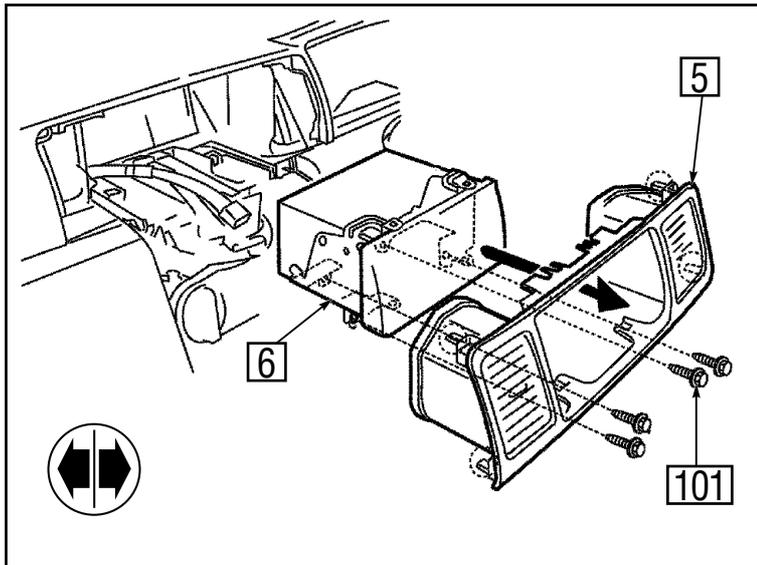


Fig. 33

4.
 - a) Remove the centre cluster **5**.
 ○: Clip (4x)
101: Screw (4x)
 - b) Remove the combo.

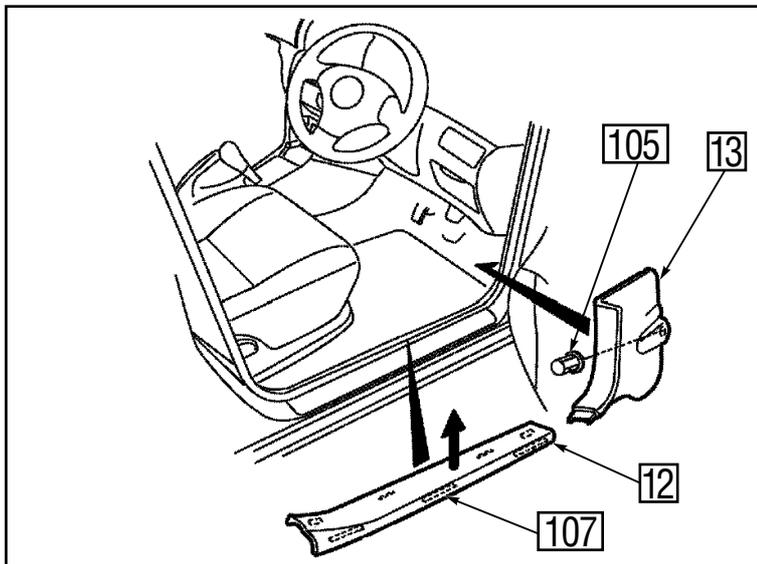


Fig. 34

5.
 - a) Remove the front scuff plate **12** (R).
107: Clip (7x)
 - b) Remove the kick panel **13** (R).
105: Nut (1x) and clip (1x)

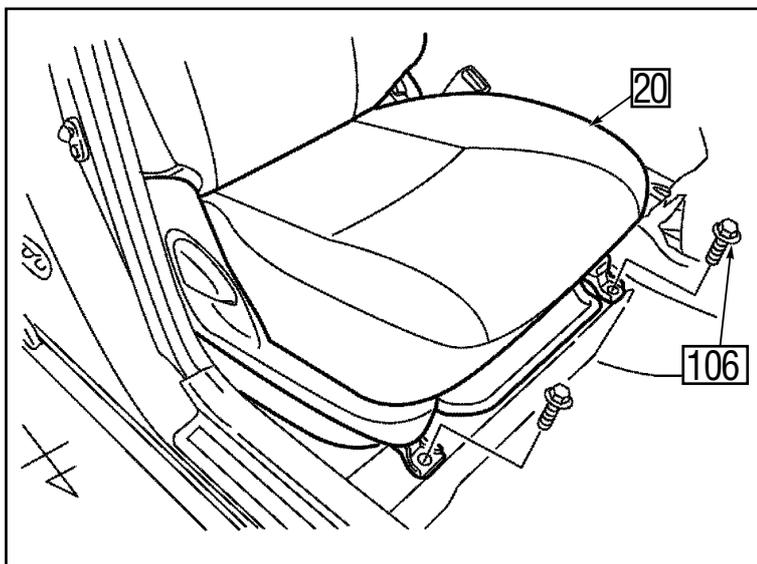


Fig. 35

6. Remove the bolts **106** at the front of the driver's seat **20**.
106: Bolt w/washer (2x)

CAUTION

Fasten the bolts with specified torque when reassembling.

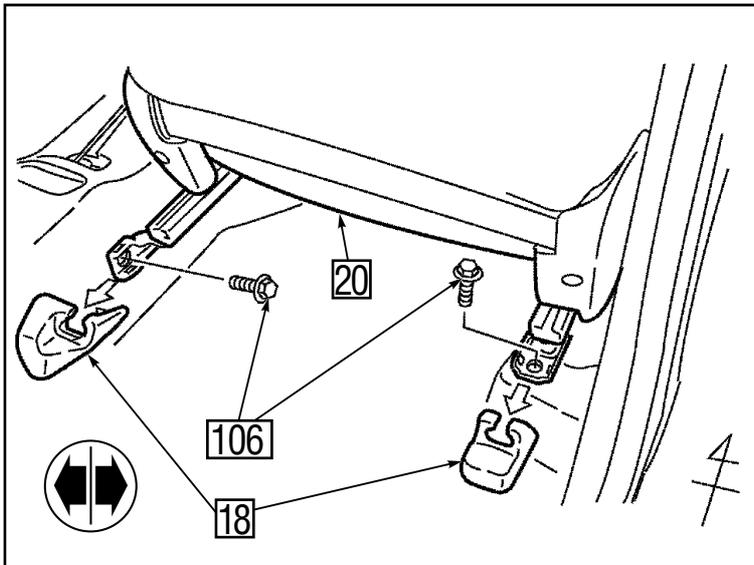


Fig. 36

7.
 - a) Remove the covers 18 (2x) and the bolts 106 at the rear side of the driver's seat 20.
 - 106: Bolt with washer (2x)
 - b) Remove the driver's seat 20.

CAUTION

Fasten the bolts with specified torque when reassembling.

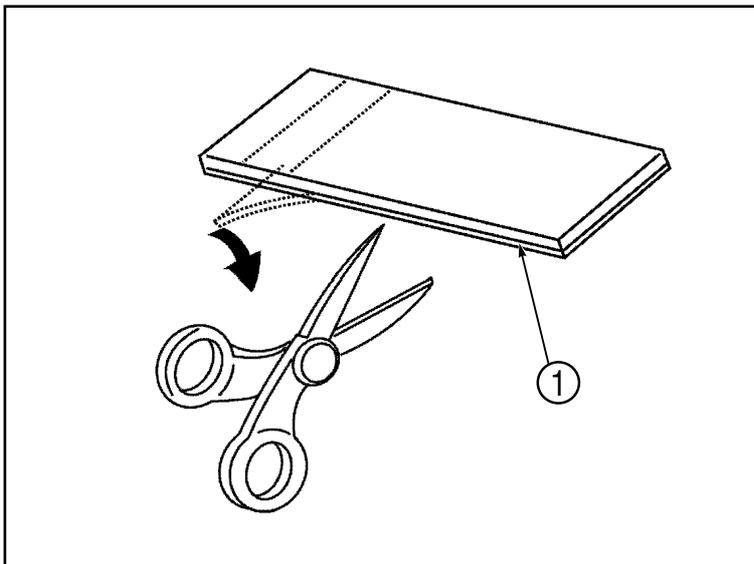


Fig. 37

8. Cut the tape 1 (10 pieces).

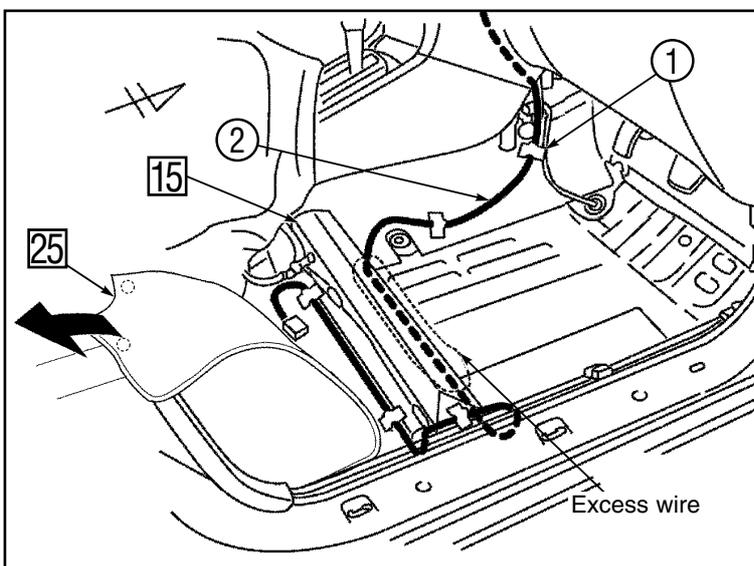


Fig. 38

9.
 - a) Pull back the floor carpet 25.
 - : Clip (2x)
 - b) Route the changer wire 2 and attach using tape 1 (5x).
 - c) Attach the excess wire of the changer wire 2 onto the cross member 15 using tape 1 (2x).
 - d) Reinstall the carpet 25.

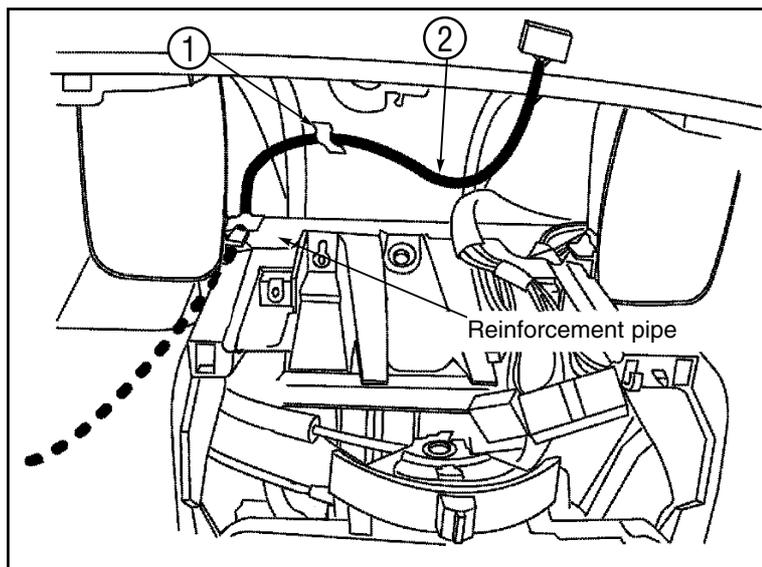


Fig. 39

10. Route the changer wire ② along the reinforcement pipe and attach using tape ① (2x) as shown.

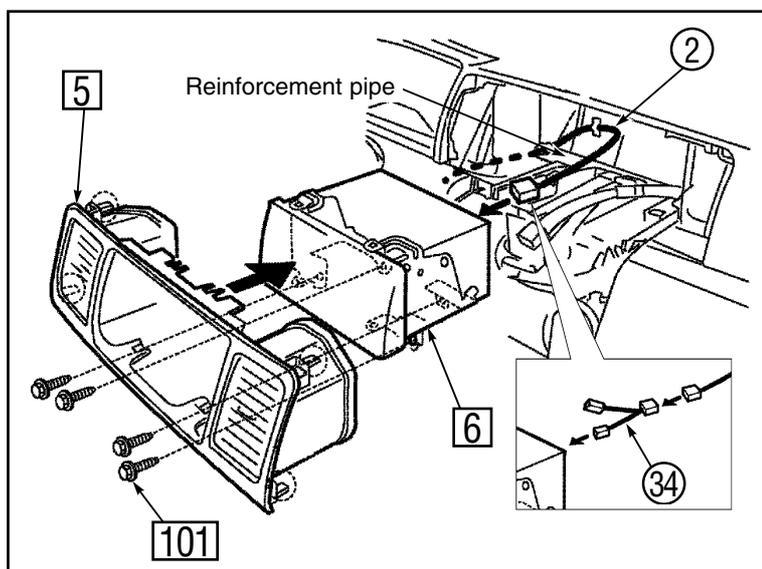


Fig. 40

11.
 - a) Connect the changer wire ② to the combo ⑥ using the conversion harness ③④.

NOTE

A conversion harness ③④ (P/N 08695-00370) is needed for connection to the audio unit.

- b) Refit the combo ⑥ and centre cluster ⑤.
 - : Clip (4x)
 - ⑩①: Screw (4x)

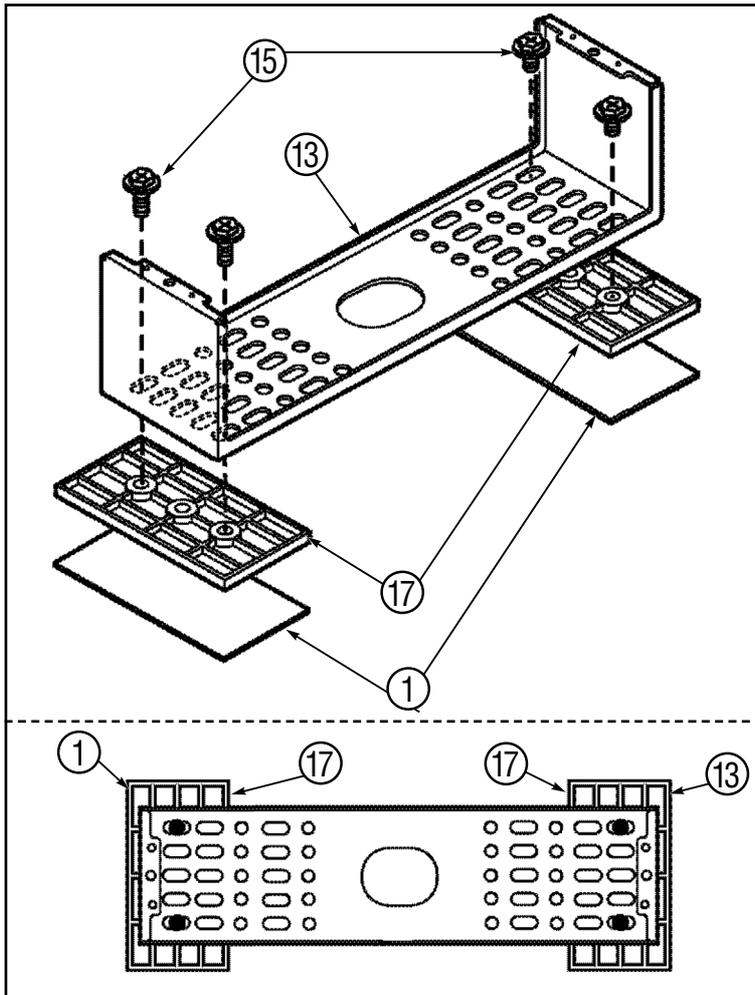


Fig. 41

12. Attach the spacers ⑰ and the tapes ① to the base bracket ⑬.
- ⑮: Screw (M5x10) (2x)
 - ⑰: Spacer with nut (2x)
 - ①: Tape(2x)

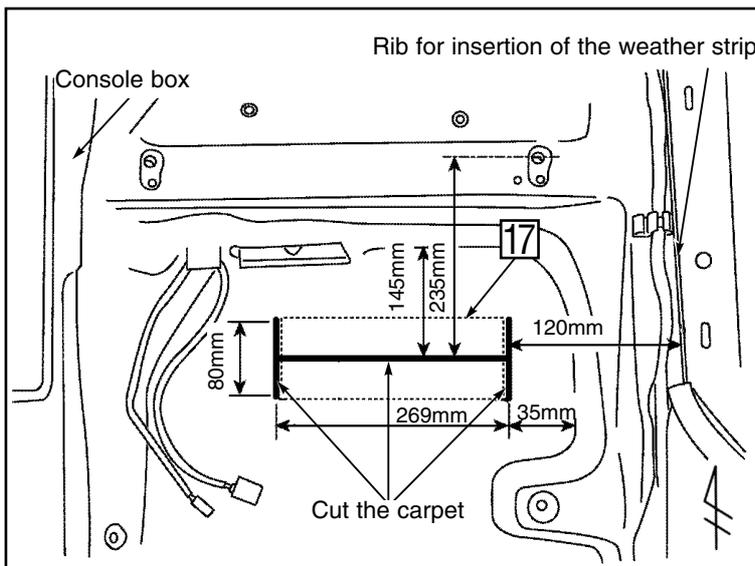


Fig. 42

- 13.
- a) Cut the carpet as shown.
 - b) Strip off the insulation ⑰ at the reverse side of the carpet.

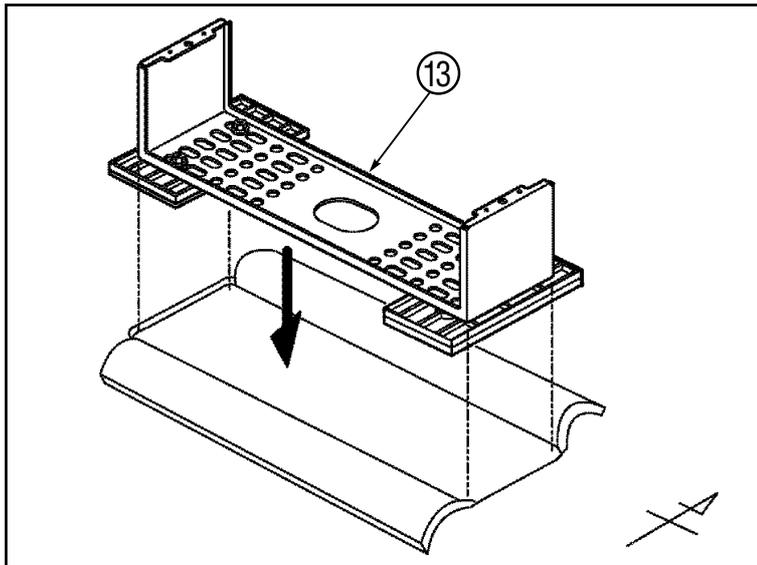


Fig. 43

14. Attach the base bracket (13) on the floor under the driver's seat.

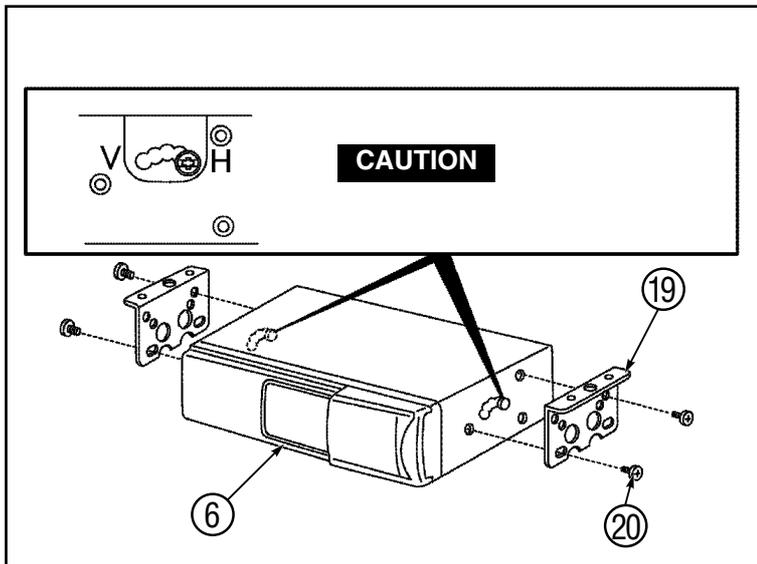


Fig. 44

15. Fit the side brackets (19) (2x) to the changer-unit (6) using screws (20).
 (20): Flat head screw (M5x8) (4x)

NOTE
 Before installing the changer unit, change the two 'V-H' screws into the 'H' (horizontal) position when it is installed horizontally.

CAUTION
 Loosen the screws before moving them. Screw up after the position is changed.

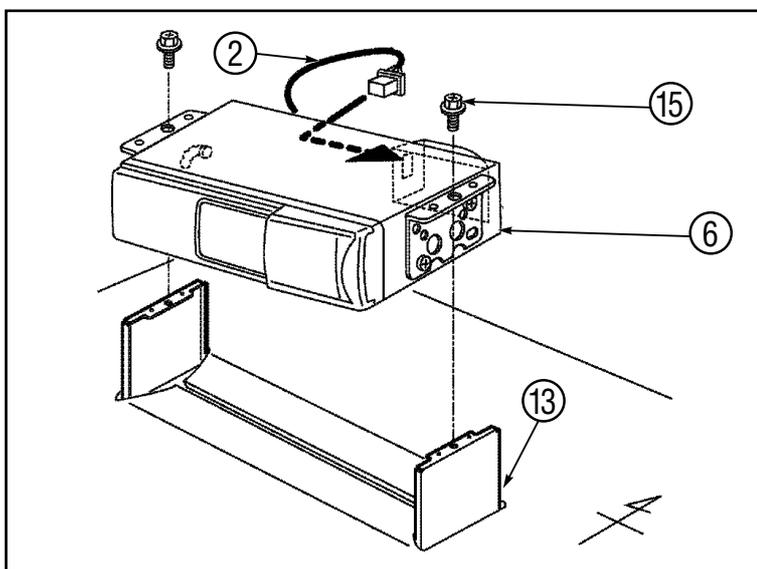


Fig. 45

16.
 - a) Connect the changer wire (2) to the changer unit (6).
 - b) Fit the changer unit (6) to the base bracket (13) using screws (15).
 (15): Screw (M5x10)(2x)

5. TWEETERS INSTALLATION

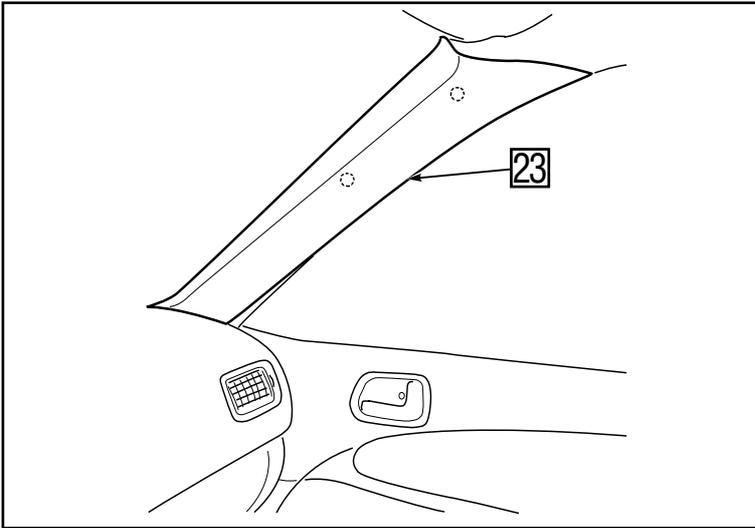


Fig. 46

1. Remove the A-pillar cover RH **23**.
○: Clip (2x)

CAUTION
Do not reuse the removed clips. Order new clips (part nrs. 75597-05010 and 90467-10161).

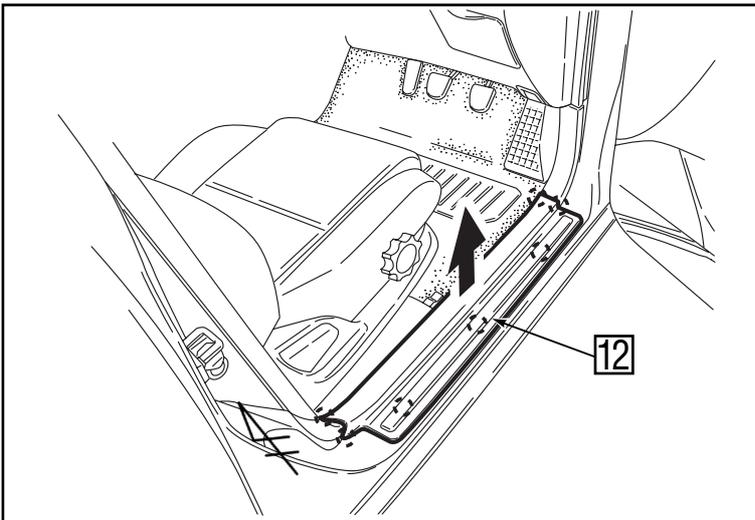


Fig. 47

2. Remove the driver's side front scuff plate **12**.
○: Clip (7x)

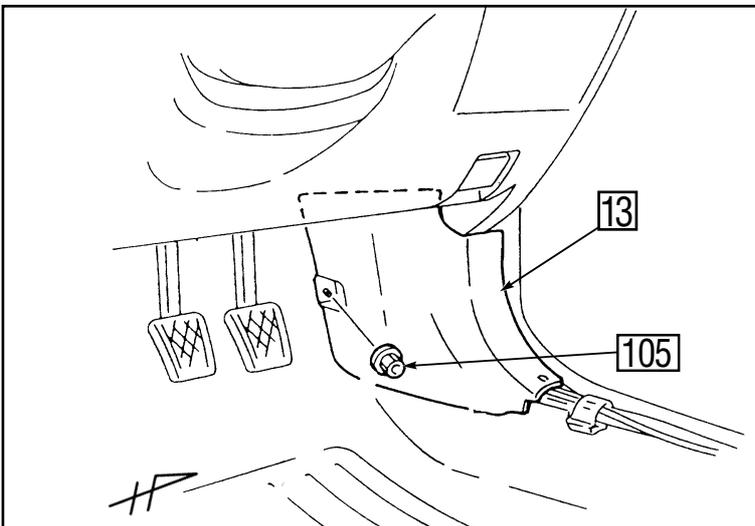


Fig. 48

3. Remove the driver's side kick panel **13**.
105: Nut (1x) and clip (1x)

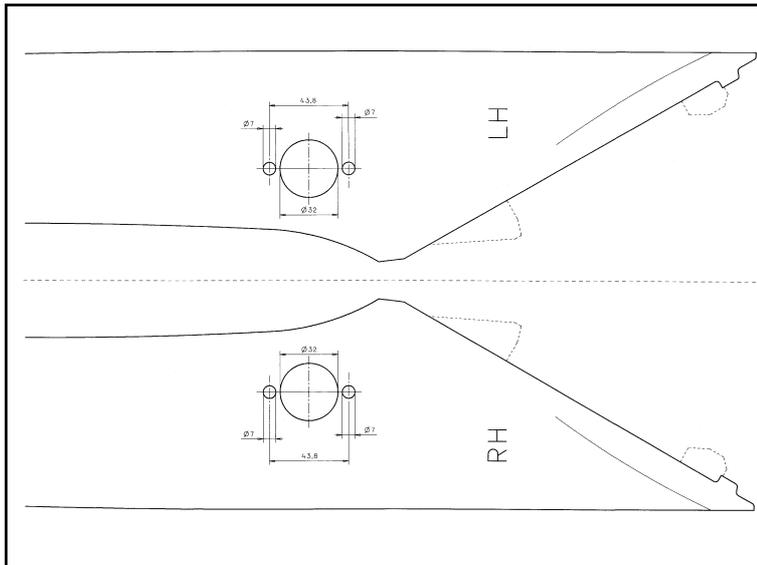


Fig. 49

4. Cut out the template (see fitting kit) and put it on the A-pillar cover. Drill 2 holes of 7 mm. Drill a hole of 32 mm.

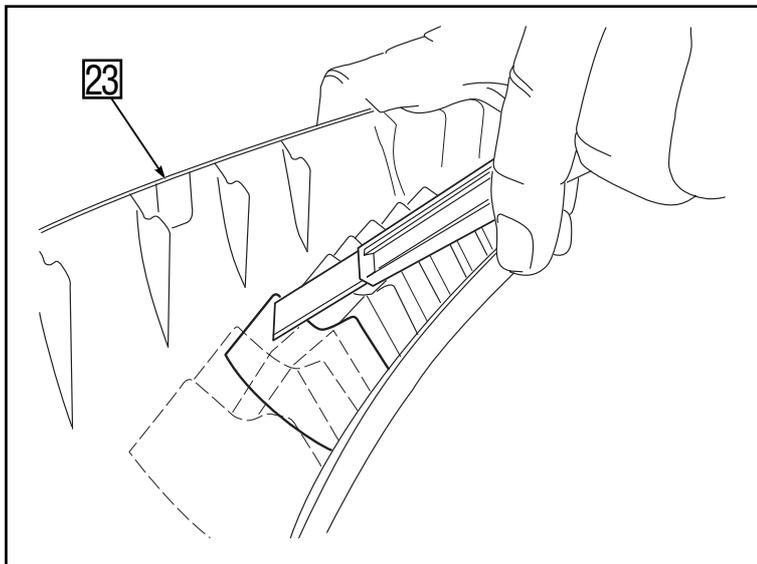


Fig. 50

5. Cut out the necessary foam and ribs at the back of the A-pillar cover 23.

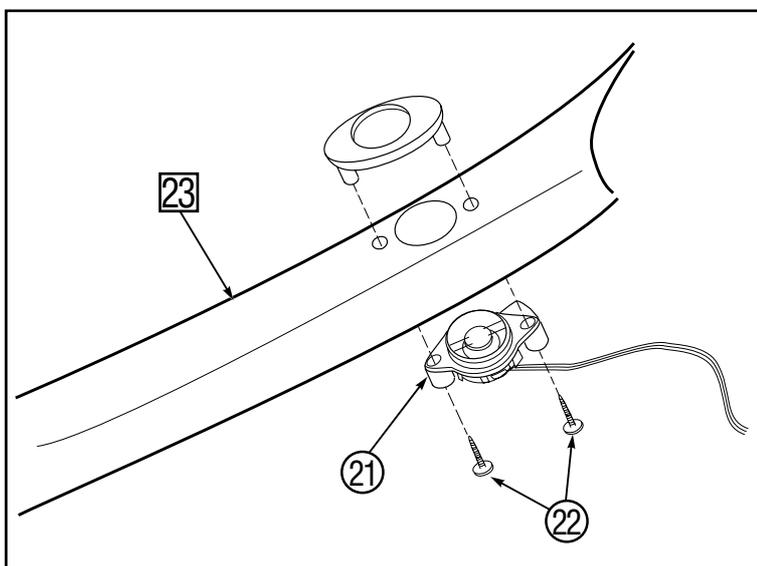


Fig. 51

6. Install the tweeter 21 on the A-pillar cover 23.
22: Screw (2x)
Mount the A-pillar cover 23 on the vehicle.

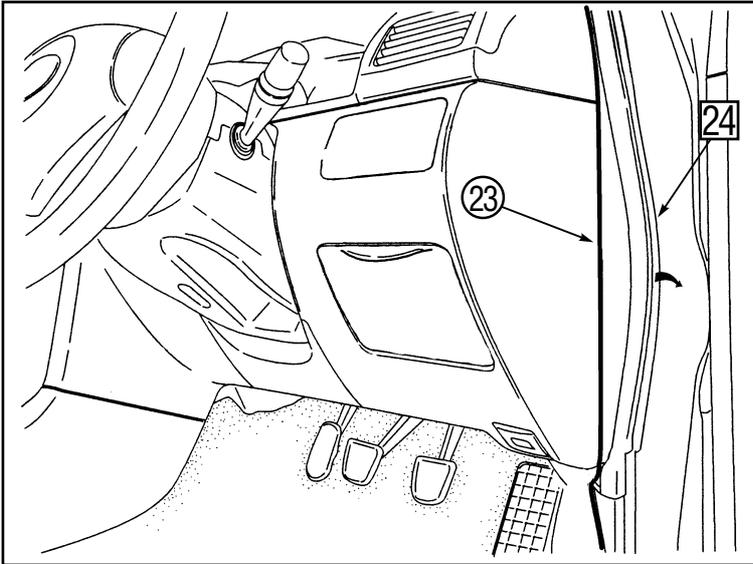


Fig. 52

7.
 - a) Remove the rubber weather seal 24 .
 - b) Route the tweeter wire harness 23 behind the rubber weather seal 24 .

REPEAT THE INSTRUCTIONS 1 TO 7 FOR THE LH-SIDE PARTS (FIG. 46 - 52)

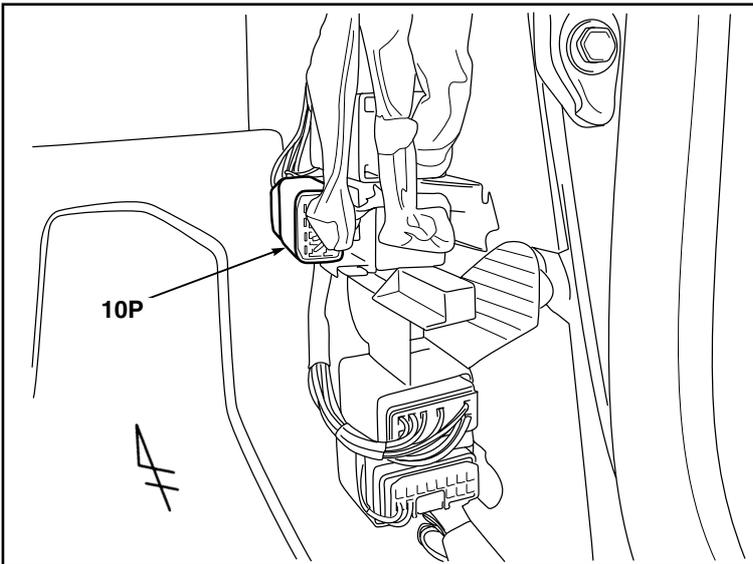


Fig. 53

RIGHT HAND SIDE

8. Locate and disconnect the 10P connector in the kick panel area.

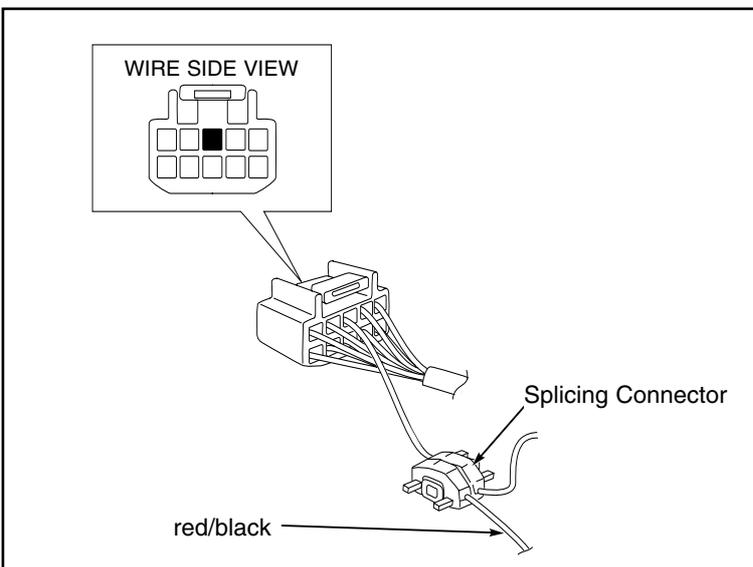


Fig. 54

9. Turn the connector so that the wires face you and the tab is on top. Connect the red/black wire of the tweeter to the third position from the left side of the upper row (pos. 3).

NOTE

The shape of the 10P connector can be slightly different.

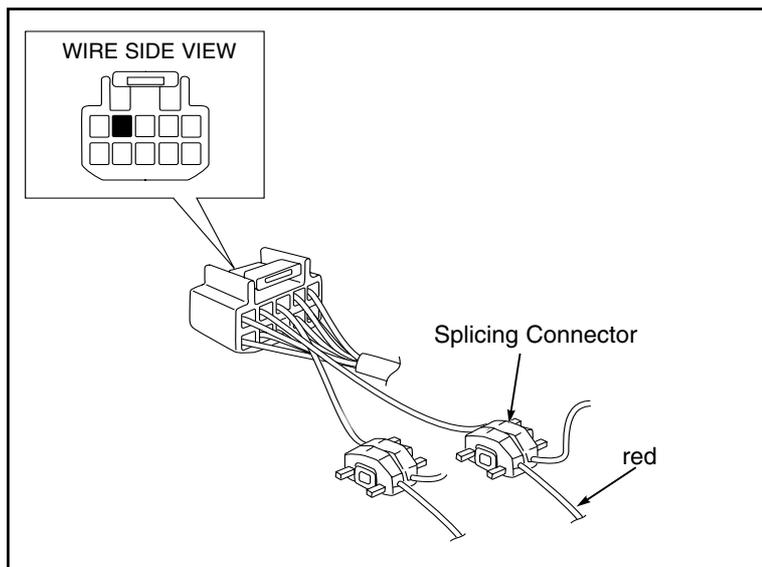


Fig. 55

10. Connect the red wire of the tweeter to the second position from the left side of the upper row (pos. 4).

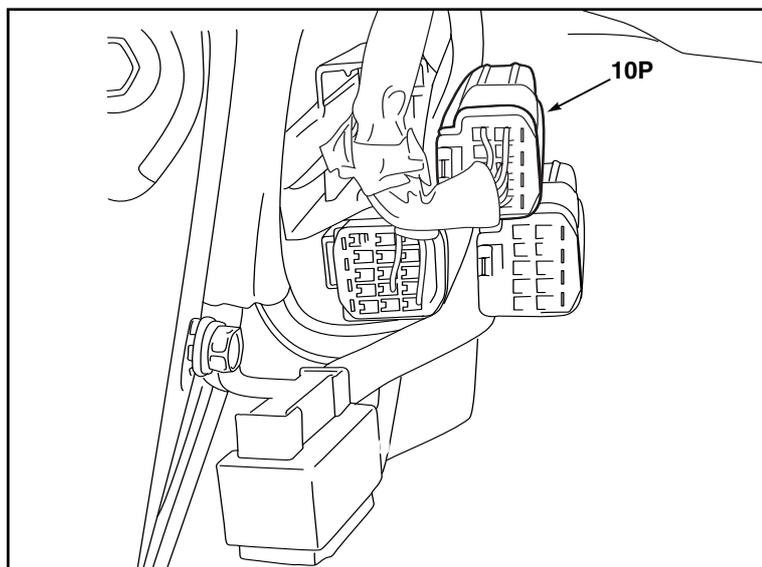


Fig. 56

LEFT HAND SIDE

11. Locate and disconnect the 10P connector (white) in the kick panel area.

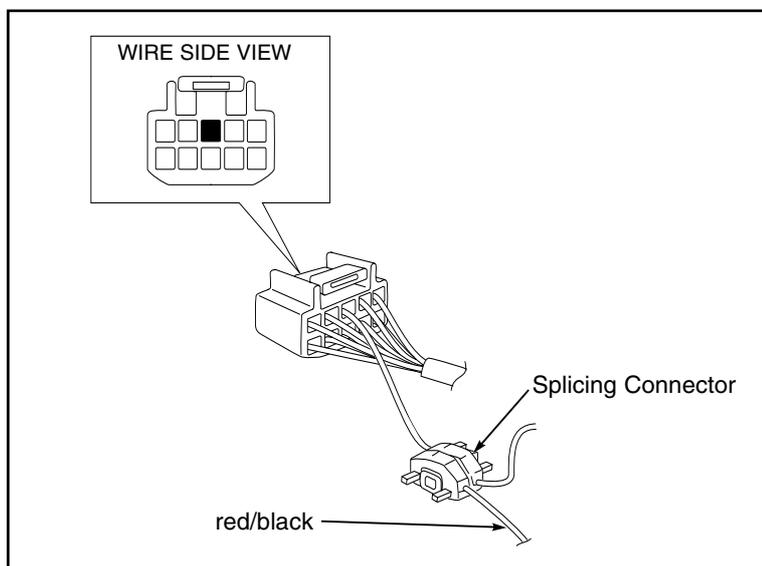


Fig. 57

12. Turn the connector so that the wires face you and the tab is on top. Connect the red/black wire of the tweeter to the wire of the third position from the left side of the upper row (pos. 3).

NOTE
The shape of the 10P connector can be slightly different.

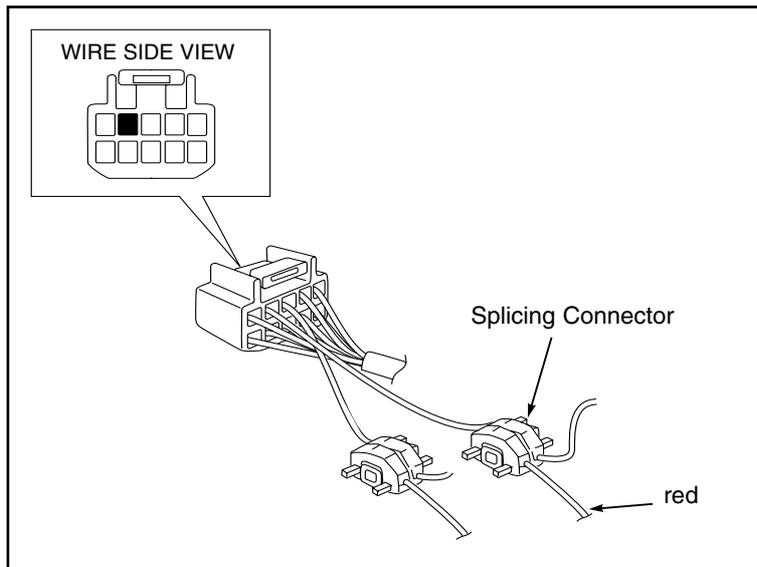


Fig. 58

13. Connect the red wire of the tweeter to the wire of the wire harness of the second position from the left side of the upper row (pos. 4).

6. SUBWOOFER INSTALLATION

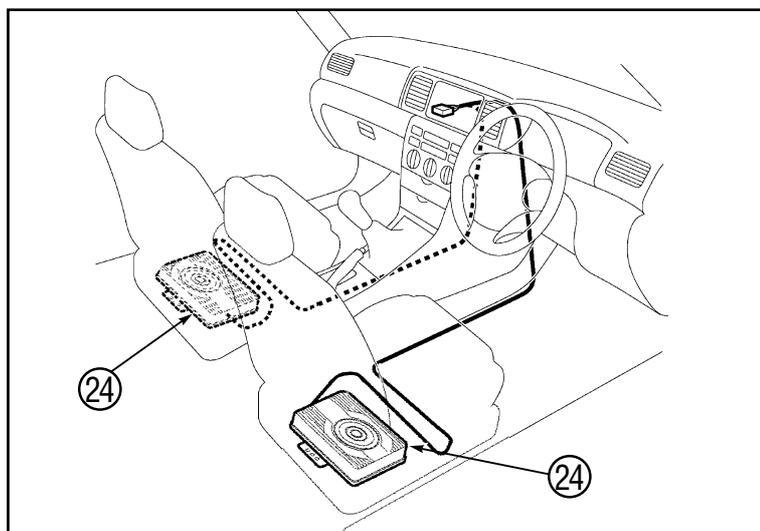


Fig. 59

1. The standard installation position of the subwoofer ②④ is under the driver's seat. If it is not feasible, it can be installed under the passenger's seat.

CAUTION

Make sure that the connector side of the subwoofer ②④ is directed towards the centre of the vehicle.

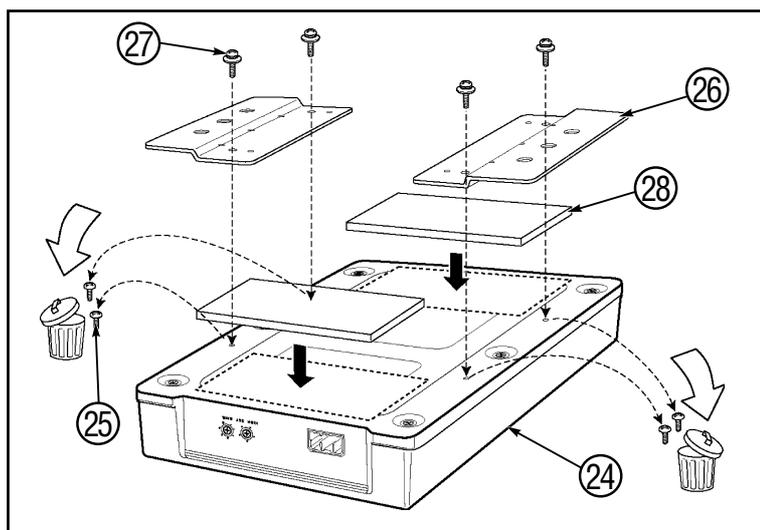


Fig. 60

2.
 - a) Remove the screws ②⑤ from the subwoofer ②④.
 - b) Fit the attachment brackets ②⑥ (2x) to the subwoofer ②④ using bolts ②⑦.
②⑦: Bolt with washer (4x)
 - c) Attach the cushion tape ②⑧ (2x) (10mm) to the subwoofer ②④.

- Cut the carpet as shown in the illustration.

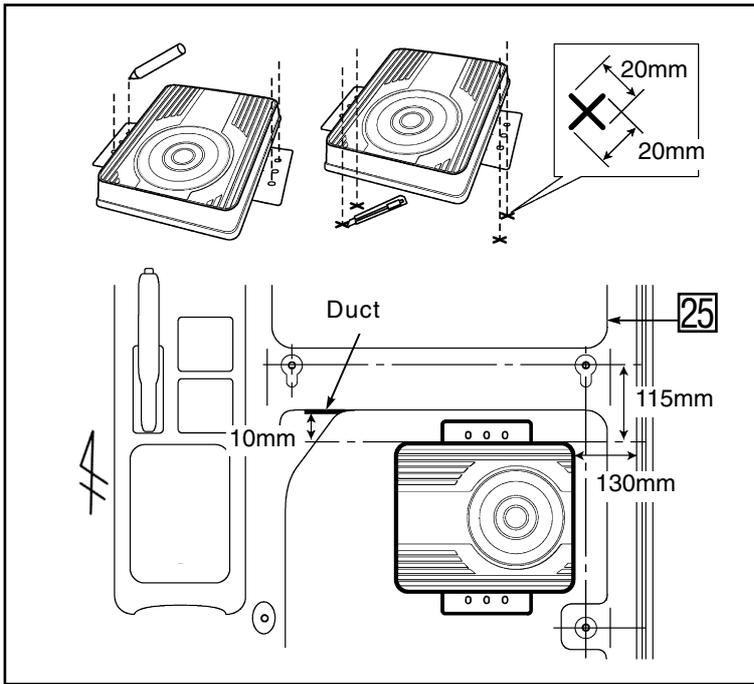


Fig. 61

THE STANDARD INSTALLATION POSITION OF THE SUBWOOFER ②④ IS UNDER THE DRIVER'S SEAT. IF IT IS NOT FEASIBLE, IT CAN BE INSTALLED UNDER THE PASSENGER'S SEAT.

- Cut the tape ②⑨ (10 pieces).

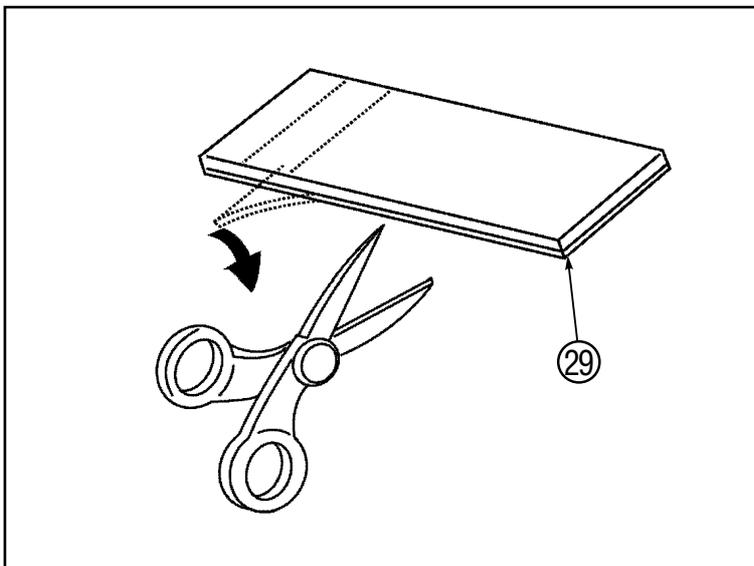


Fig. 62

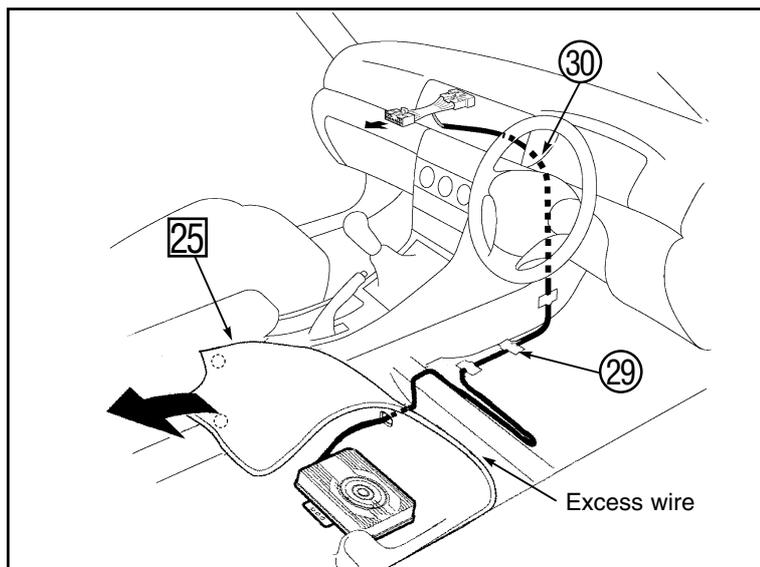


Fig. 63

5.
 - a) Pull back the floor carpet 25.
 - : Clip (2x)
 - b) Route and tape 29 the subwoofer wire harness 30 as shown.

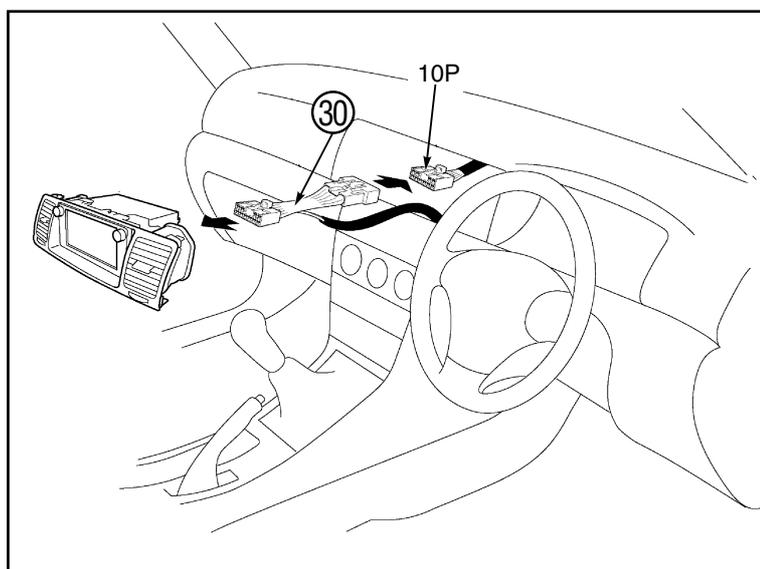


Fig. 64

6. Connect the subwoofer wire harness 30 to the 10P audio connector of the vehicle wire harness and to the audio unit.

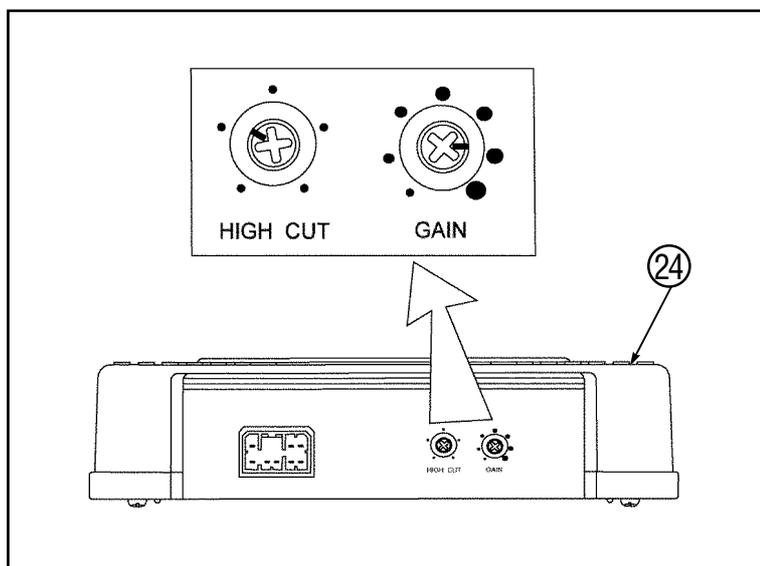


Fig. 65

7. Before fitting the subwoofer 24 adjust the sensitivity to the correct position.

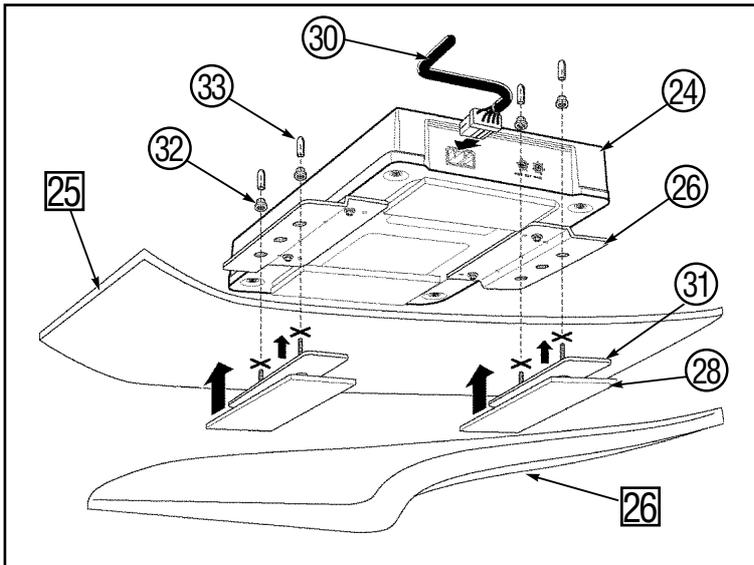
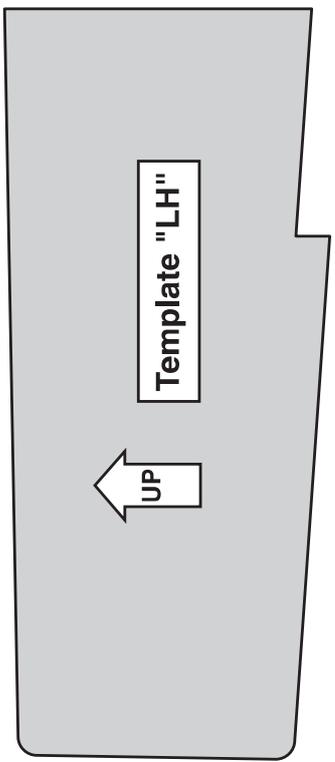


Fig. 66

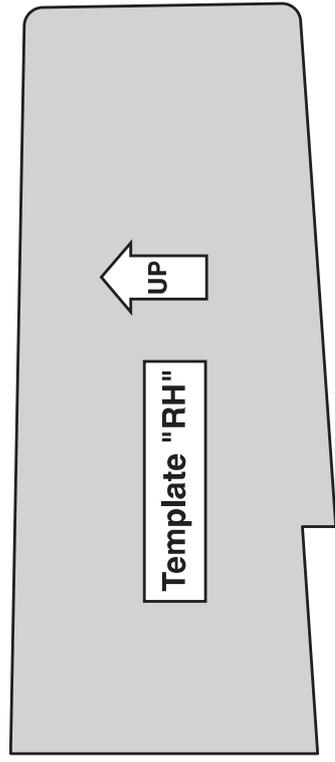
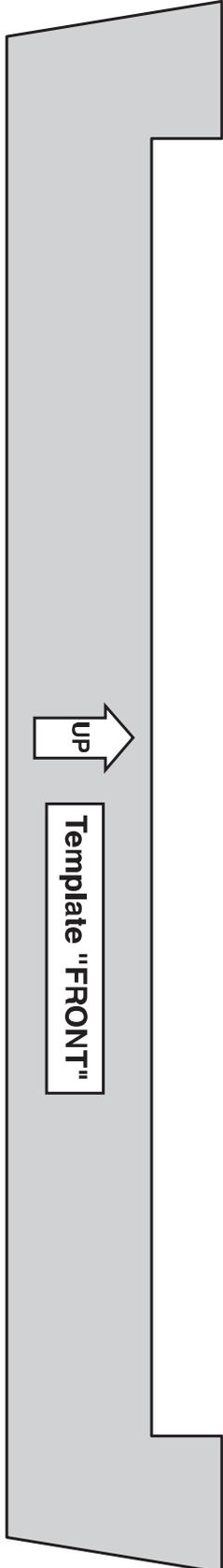
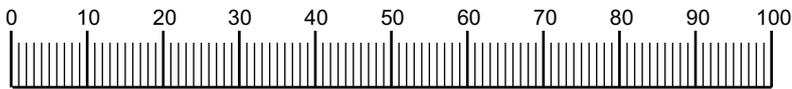
- 8.
- a) Tear off the felt **26** from the floor carpet **25**.
- b) Fit and attach the base bracket **31** (2x) to the floor carpet **25** using cushion tape **28**.
28: Cushion tape (5mm) (2x)
- c) Replace the felt **26** and floor carpet **25**.
- d) Fit the subwoofer **24** and brackets **26** to the base brackets **31** (2x) using nuts **32** and caps **33**.
32: Nut (M5) (4x)
33: Cap (4x)
- e) Connect the subwoofer wire harness **30** to the subwoofer **24**.

AFTER INSTALLATION AND FUNCTION CHECK, BE CERTAIN TO RE-FIT PANELS AND CONNECTORS CORRECTLY AND TIGHTEN ALL BOLTS TO THE SPECIFIED TORQUE SETTINGS IN LINE WITH THE REPAIR MANUAL.

TEMPLATE (FOR IN-DASH 6CD CHANGER INSTALLATION) 



CAUTION
CHECK SIZE
Print 100%.
Check with rulers before use.



TOYOTA
GENUINE PARTS