

# ETA

## ELECTRONIC TRAFFIC AVOIDANCE

INSTALLATION INSTRUCTIONS for

# Corolla Verso

REQUIRED PARTS	ETA ANTENNA (*)	
	ALREADY PREWIRED	NOT PREWIRED
	MAIN KIT ETA PZ445-T9331-00	✓
ANTENNA KIT PZ445-T9281-00	-	✓
ETA BRACKET PZ425-E8331-60	✓	-
FAKRA CONNECTOR PZ445-E9330-01	✓	-


A-PILLAR CLIPS: 75597-05010 / 62217-13010

(\*) Verify whether the vehicle has a prewired ETA by checking the presence of the ETA-antenna in the proximity of the rear view mirror.



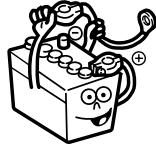
FOR **\*\*R1\*R**

**RHD**

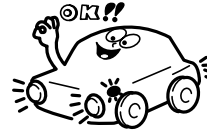
**PRECAUTIONS** 

**PLEASE READ THOROUGHLY THESE PRECAUTIONS BEFORE THE INSTALLATION**

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



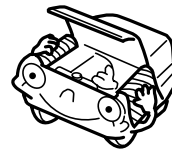
- Confirm that lamps, horn, wiper and other car accessories operate normally.



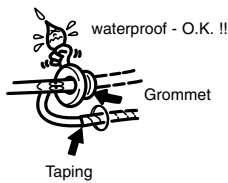
- Do not pinch the rear wiring or harness in the tightened part.



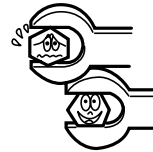
- Protect your car using wing covers, seat and so on.



- 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.

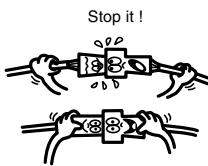


- Use the correct tool when tightening bolts or nuts.



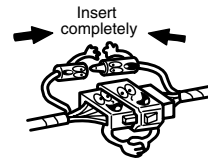
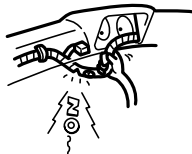
- When disconnecting the connectors, be sure to grip the connector body. Do not tug on the wiring.

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

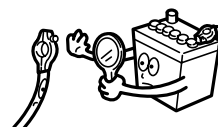


- Do not forcibly pull any car wiring harness. Rough tugging may result in opened connections, or a broken wire or harness.


- 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.

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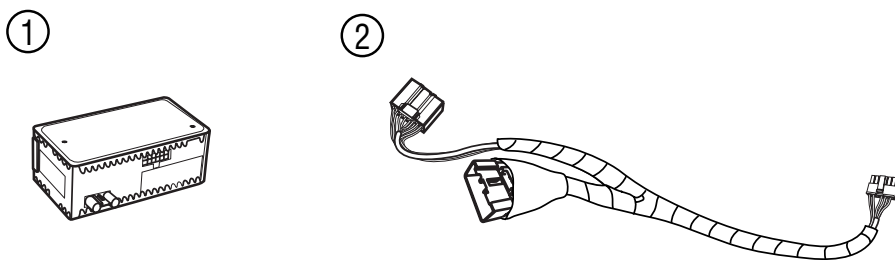
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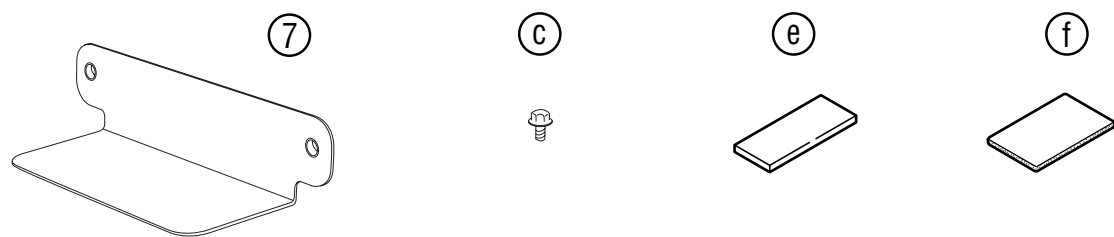
*(For installation of navigation, please refer to the navigation installation manual AIM 000 071-0)*

**MAIN KIT ETA** **PZ445-T9331-00** 




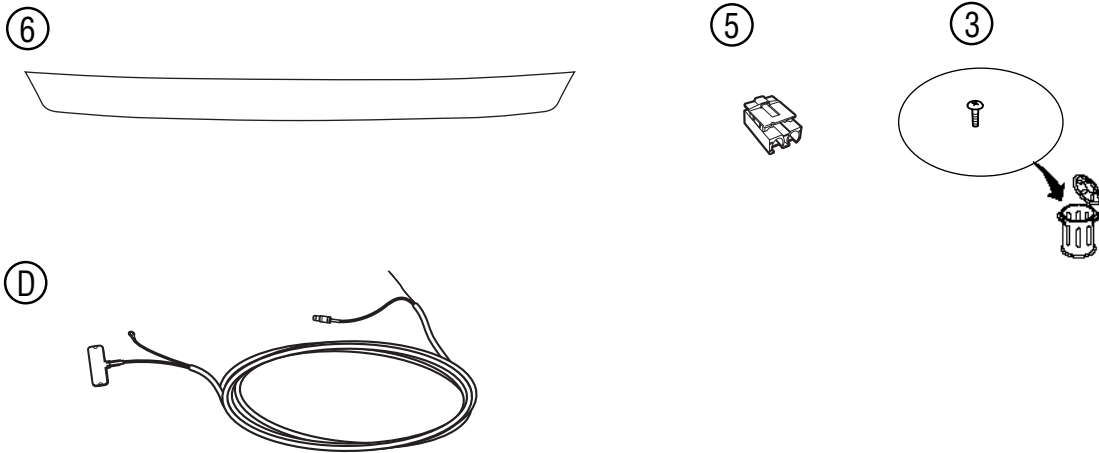
No.	Part Name	Part No.	Qty
①	RDS-TUNER	PZ445-T9331-02	1
②	SUBWIRE HARNESS	PZ445-T9331-03	1

**ETA BRACKET KIT** (only in case of a prewired ETA-antenna) **PZ425-E8331-60** 



No.	Part Name	Part No.	Qty
⑦	ETA BRACKET	_____	1
③	BOLT (M 5X8)	_____	2
④	FOAM TAPE	_____	2
⑤	BUTYL TAPE	_____	1

**RDS-ANTENNA KIT** **PZ445-T9281-00** 



No.	Part Name	Part No.	Qty
⑥	ANTENNA STRIP	PZ445-E9281-01	1
ⓓ	RDS-ANTENNA WIRE	PZ445-T9281-01	1
⑤	FAKRA CONNECTOR	PZ445-E9330-01	1
③	TAPPING SCREW	—————	1

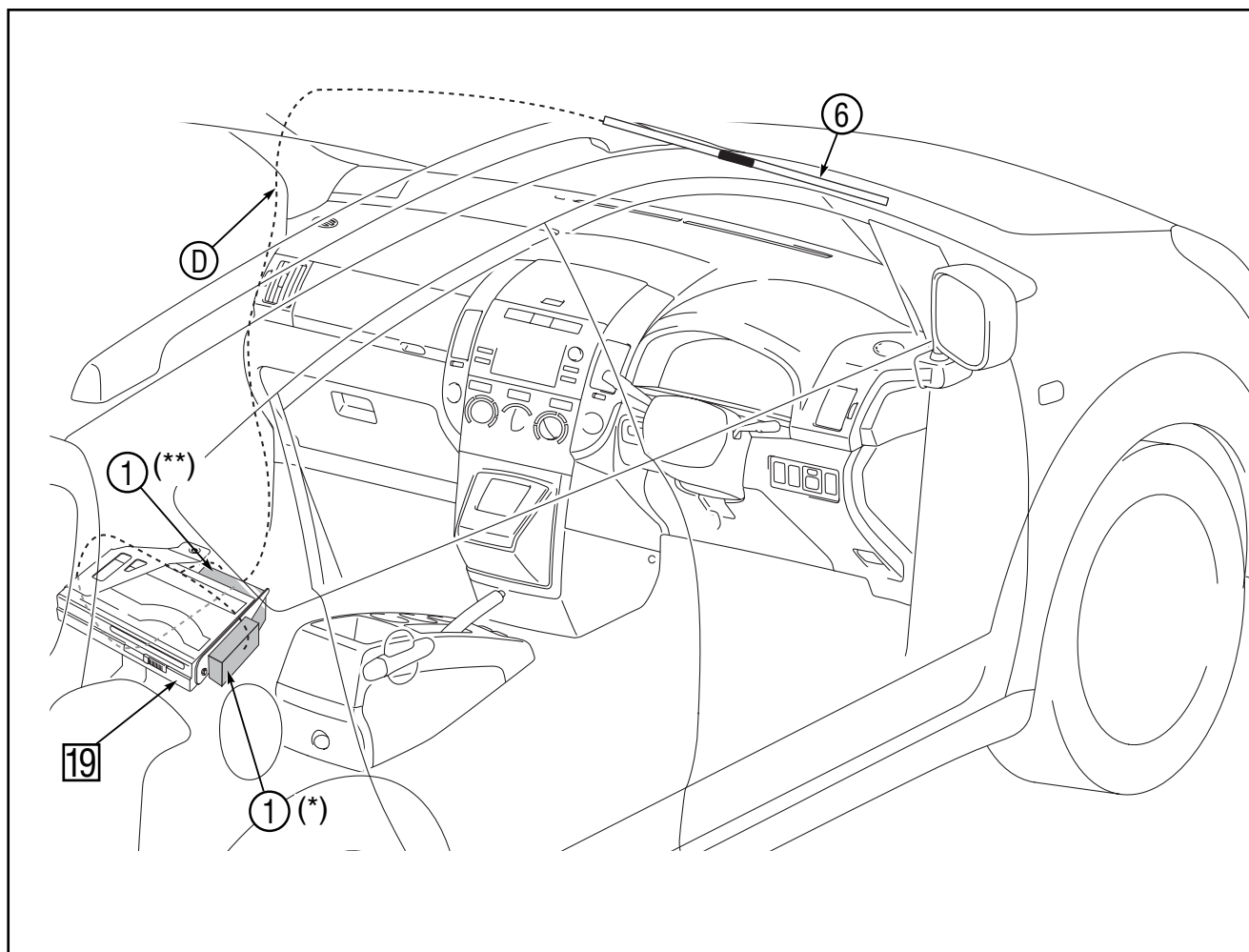
**A-PILLAR CLIPS** **75597-05010 / 62217-13010** 

No.	Part Name	Part No.	Qty
⊙	CLIPS FOR A-PILLAR (see p. 8)	75597-05010 / 62217-13010	2


# INSTALLATION OVERVIEW



**IMPORTANT:** Please verify whether the vehicle has a prewired ETA-antenna or not. In case of a prewired ETA-antenna, the ETA bracket kit is necessary.



Ⓓ	RDS-ANTENNA WIRE
①	RDS-TUNER (*) In case of a non-prewired RDS-tuner (**) In case of a prewired RDS-tuner
⑥	ANTENNA STRIP
19	NAVIGATION ECU

**VEHICLE DISASSEMBLY** 

For vehicles without prewired ETA-antenna

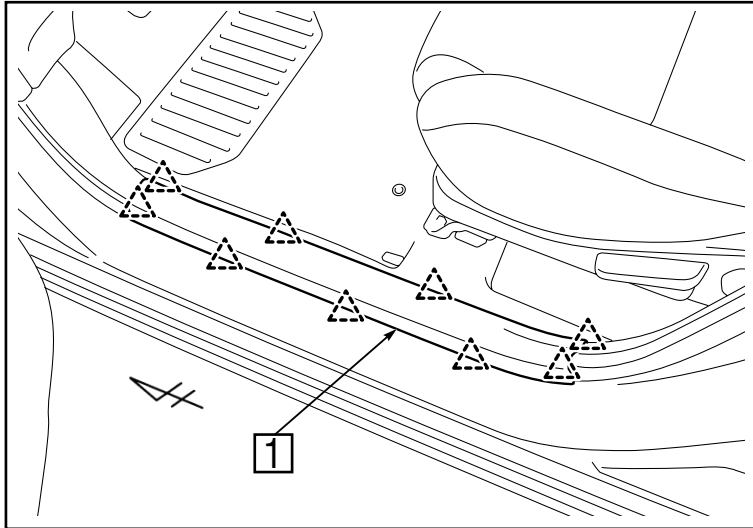


Fig. 1

1. Remove the front door scuff plate 1 (L).  
△: Hook (9x)

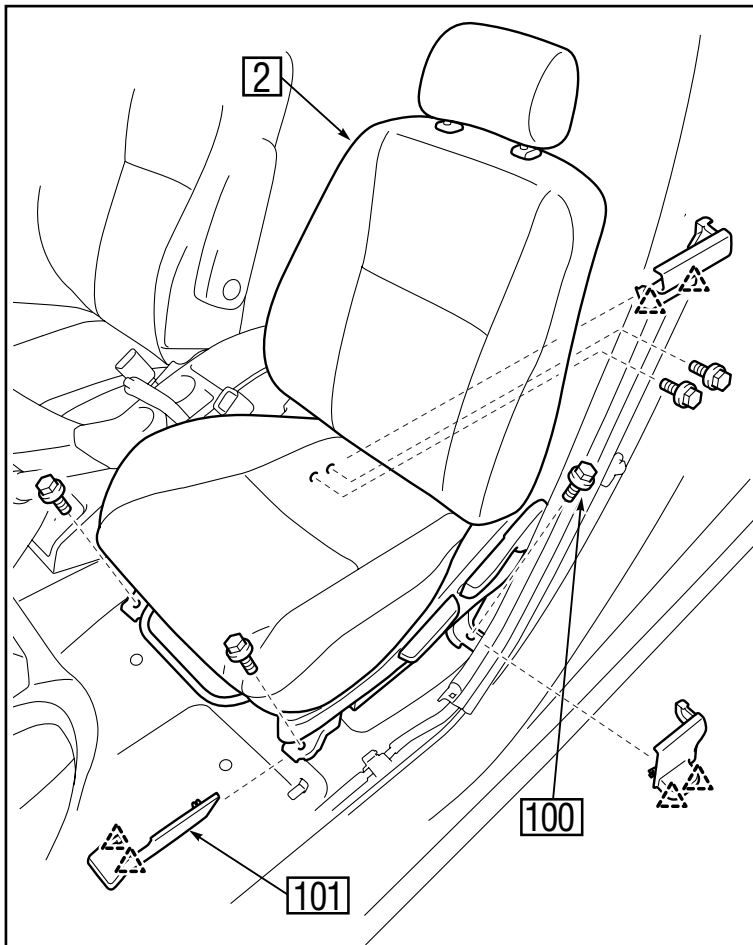


Fig. 2

2. Remove the passenger seat 2.  
100: Bolt (5x)  
101: Cover (3x)  
△: Hook 3 x (2x)

**CAUTION**  
 Fasten the bolts with specified torque wrench (37 Nm) when reassembling.

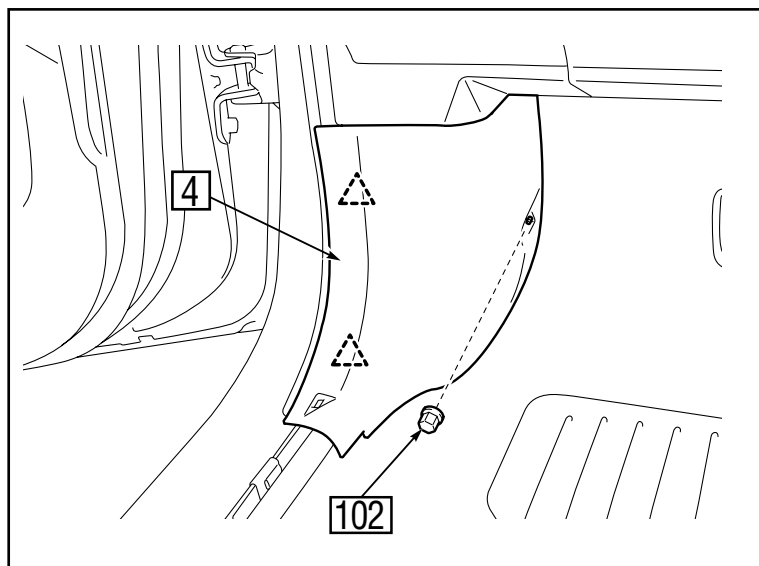


Fig. 3

3. Remove the kick panel (L) [4].  
 ▲: Hook (2x)  
 [102]: Nut (1x)

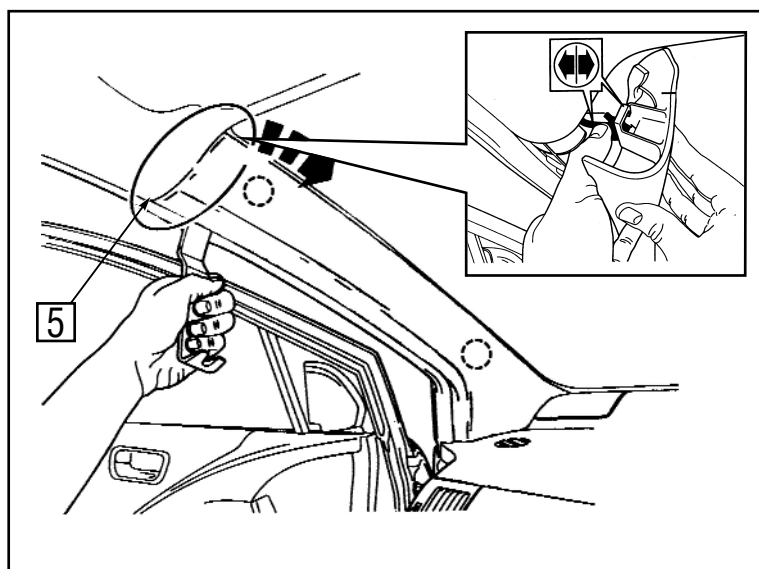


Fig. 4

4. Remove the left front pillar garnish [5].  
 ○: Clip (2x)

**CAUTION**

Do not reuse the removed clips. Order new clips (part nrs. 75597-05010 and 62217-13010).

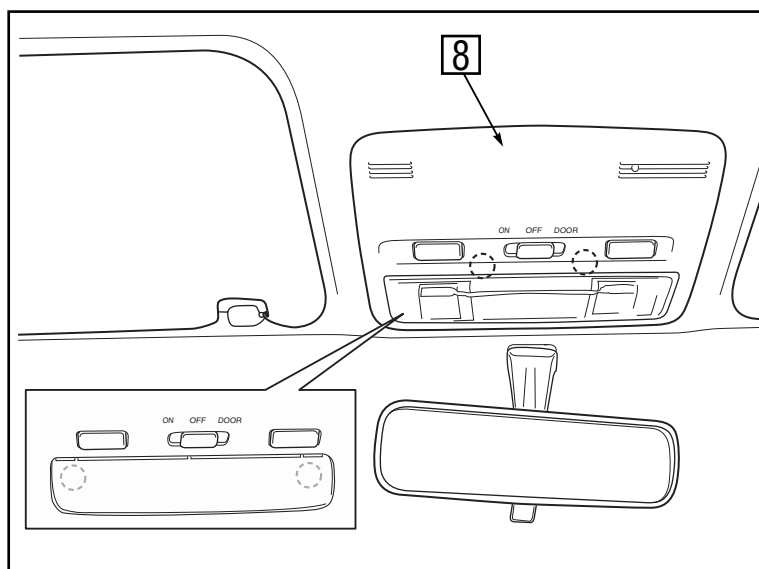


Fig. 5

5.
  - a) Remove the map lamp assembly [8].  
 ○: Clip (2x)  
 ○: Bolt (2x)
  - b) Disconnect the connector.



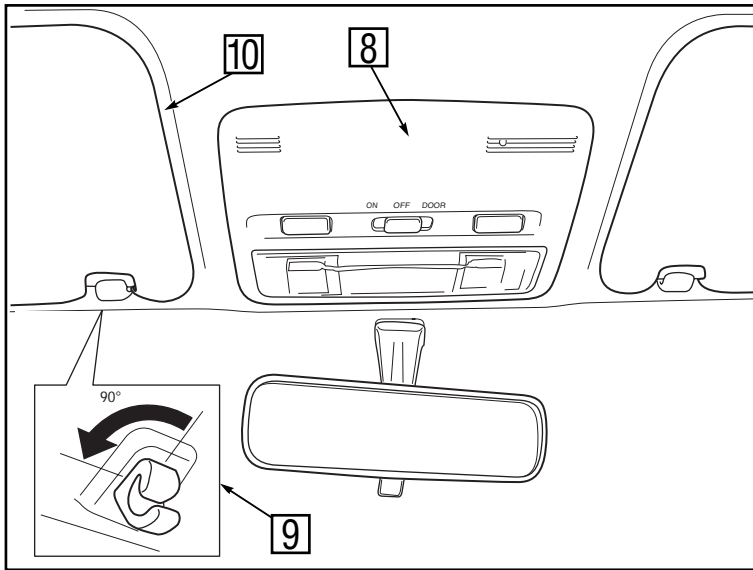


Fig. 6

6. Remove the holder 9 of the sun visor 10 by turning it counterclockwise.

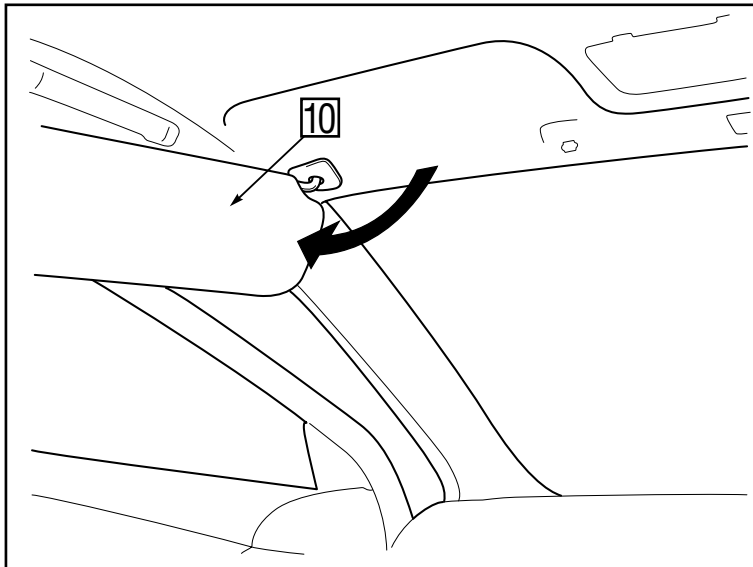


Fig. 7

7. Pull the sun visor 10 to the LH side of the vehicle.

# INSTALLATION OF THE RDS-ANTENNA WIRE



For vehicles without prewired ETA-antenna

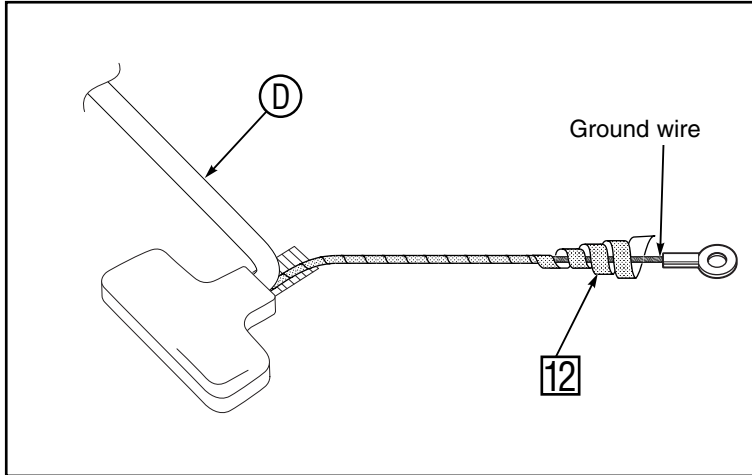


Fig. 8

1. If not yet insulated, do so with the complete ground wire of the RDS-antenna wire ① by wrapping it into tape ⑫.

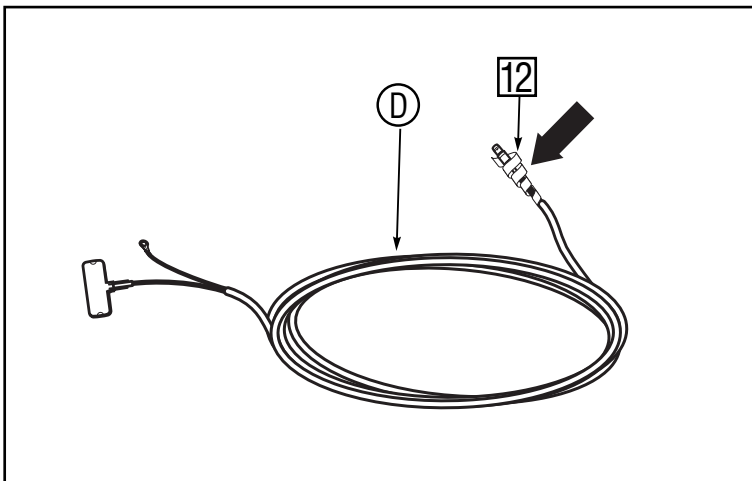


Fig. 9

2. Before routing the RDS-antenna wire ①, protect the RDS-antenna black wired pin and the RDS-antenna connector by wrapping it into tape ⑫.

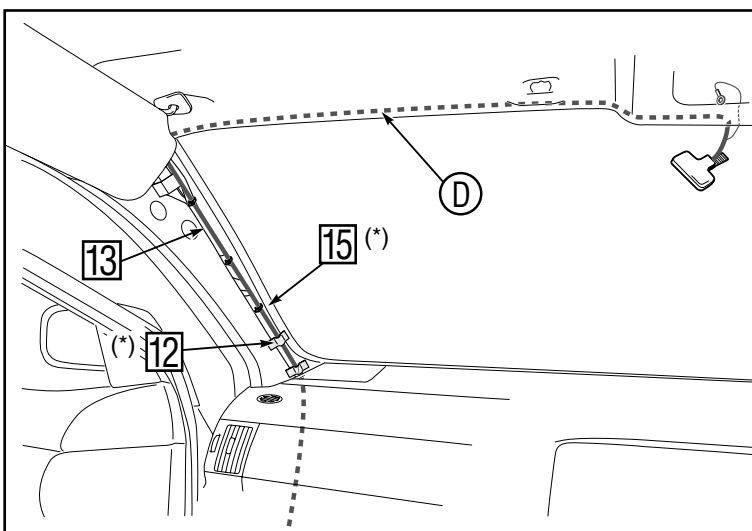


Fig. 10

3.
  - a) Tuck the RDS-antenna wire ① through the space between the roof headliner and windshield.
  - b) Route and attach the RDS-antenna wire ① along the vehicle wire harness ⑬ using wire ties ⑮ (3x) (\*) and tape ⑫ (2x) (\*).

## CAUTION

Be sure to attach the RDS-antenna wire as far as possible against the border of the roof headliner.

(\*) Included in the navigation kit.

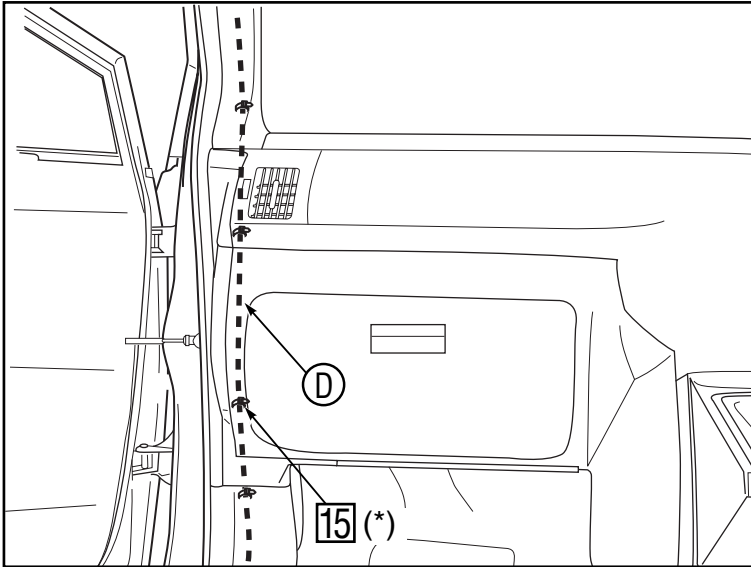


Fig. 11

4. Route and attach the RDS-antenna wire ① down the instrument panel into the left kick panel section of the vehicle. Use 4 wire ties 15 (\*).

(\* ) Included in the navigation kit.

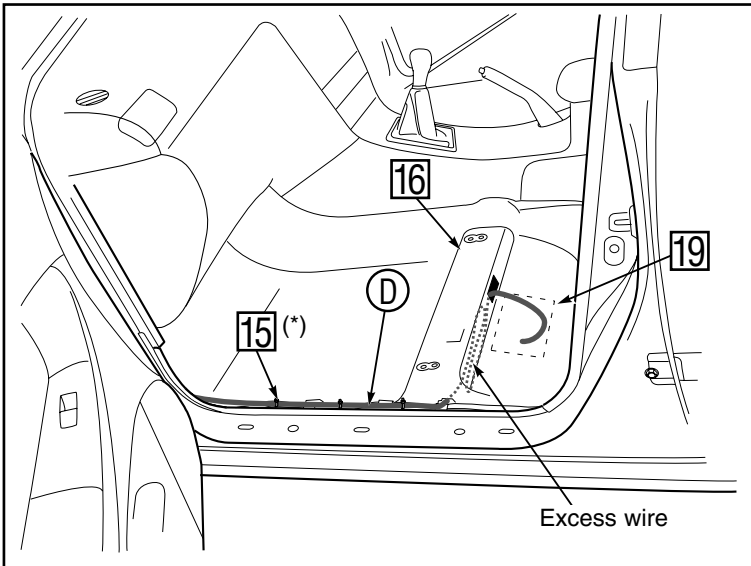


Fig. 12

5.
  - a) Route the antenna wire ① along the front scuff plate area under the carpet (along the cross member 16) to the navigation-ECU location 19.
  - b) Attach the antenna wire ① to the vehicle wire harness using wire ties 15 (3x) (\*).
  - c) Bundle up the excess antenna wire under the carpet.

(\* ) Included in the navigation kit.

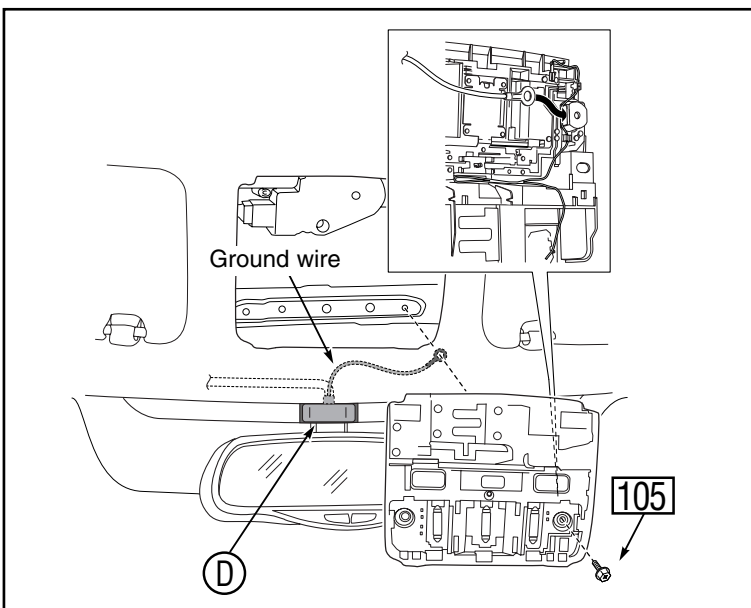


Fig. 13

6. Route and attach the ground wire using a bolt 105 as shown.

105: Bolt (M6x10) (1x)

# INSTALLATION OF THE RDS-ANTENNA STRIP



**For vehicles without prewired ETA-antenna**

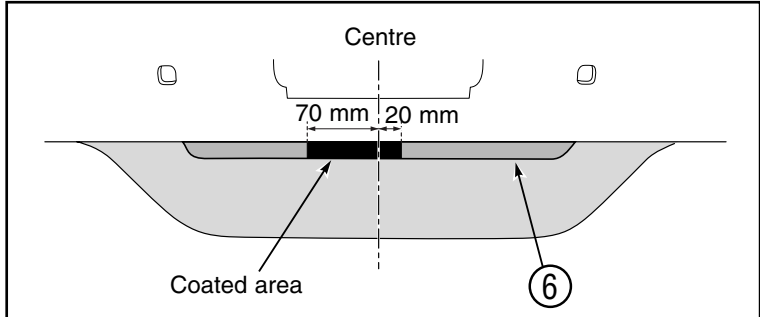


Fig. 14

1.
  - a) Thoroughly clean the mounting surface of the front window to which the antenna strip ⑥ is to be affixed.
  - b) Remove the release paper of the antenna strip ⑥.
  - c) Attach the antenna strip ⑥ to the front window as shown. Ensure that the antenna strip ⑥ is attached horizontally.

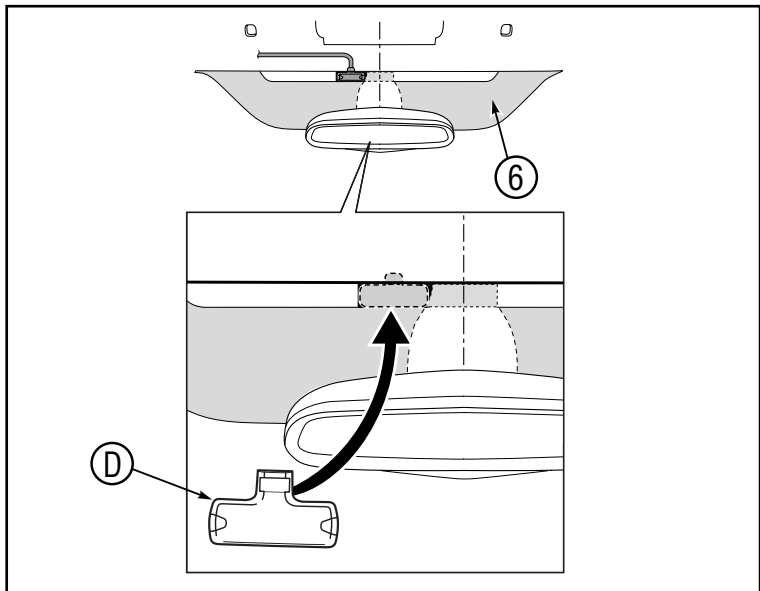


Fig. 15

**ONLY FOR VEHICLES WITH RAIN SENSOR**

**CAUTION**  
Ensure that the top of the antenna is pushed against the body of the roof.

2. Peel off the release paper at the back of the RDS-antenna ① and attach it to the coated area of the antenna strip ⑥ as shown.

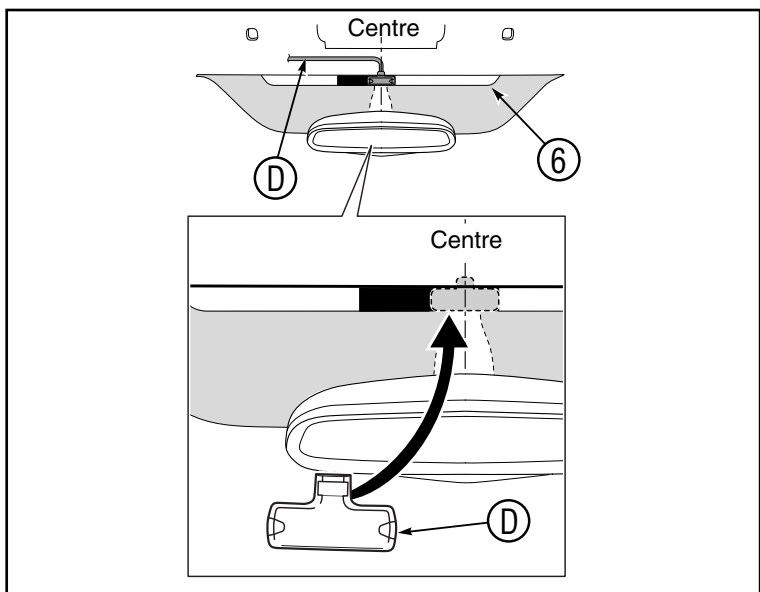


Fig. 16

**FOR VEHICLES WITHOUT RAIN SENSOR**

**CAUTION**  
Ensure that the top of the antenna is pushed against the body of the roof.

3. Peel off the release paper at the back of the RDS-antenna ① and attach it to the coated area of the antenna strip ⑥ as shown.

# INSTALLATION OF THE RDS-TUNER



For vehicles without prewired ETA-antenna

FOR INSTALLATION OF NAVIGATION, PLEASE REFER TO THE NAVIGATION INSTALLATION MANUAL AIM 000 071-0.

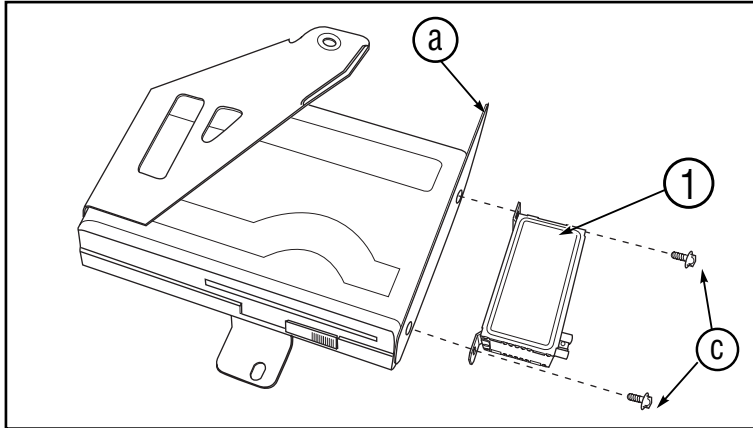


Fig. 17

1. Fit the RDS-tuner ① to the RH side bracket ① using bolts ③.
- ③: Bolt (M5x8) (2x)

**CAUTION**

Make sure that the RDS-tuner ① is installed at the lowest position.

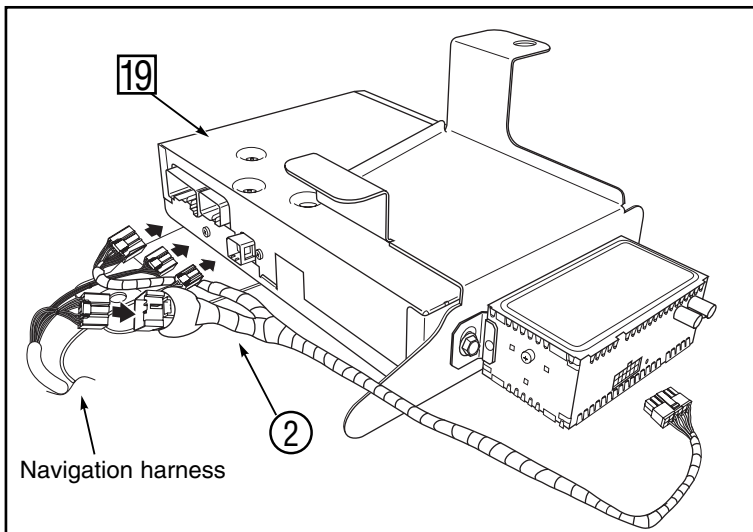


Fig. 18

2.
  - a) Connect the 1P and 8P connector of the navigation harness to the navigation ECU ⑩.
  - b) Connect the navigation 13P female connector to the RDS-subwire harness ② 13P male connector.
  - c) Connect the RDS-subwire harness ② 13P female connector to the navigation ECU ⑩.

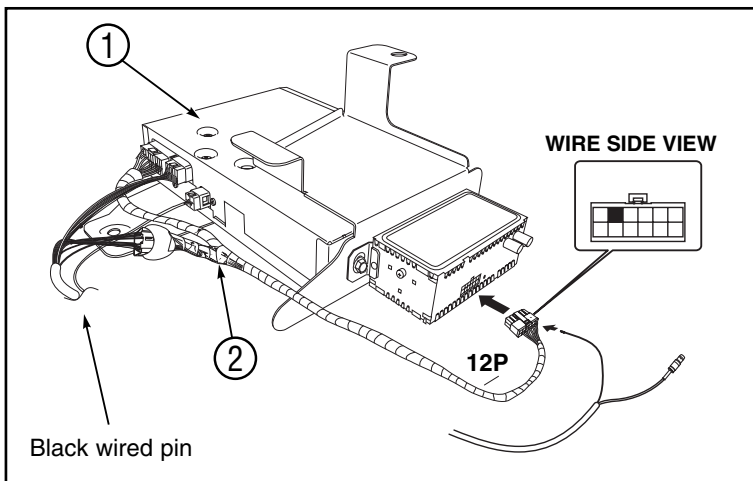


Fig. 19

3.
  - a) Connect the RDS-antenna black wired pin to the RDS-subwire harness ② 12P connector to the second position from the left on the top row (wires face you and tab is on top).
  - b) Connect the RDS-subwire harness ② 12P connector to the RDS-tuner ①.

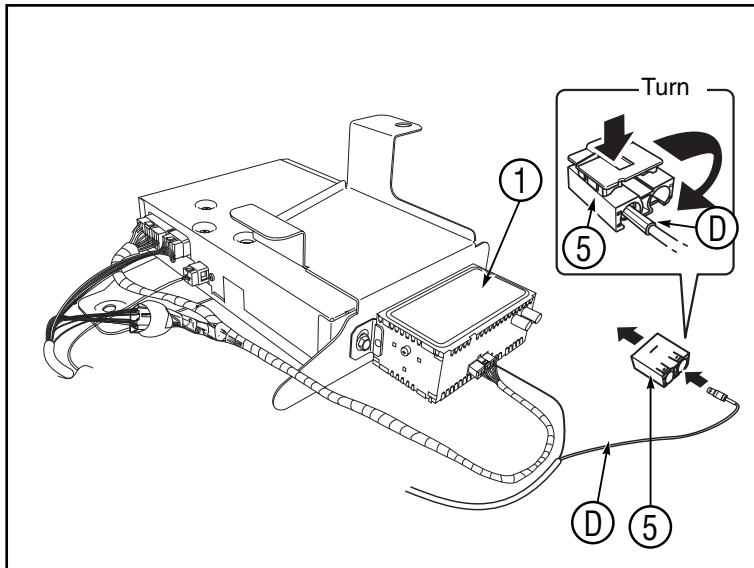


Fig. 20

4.
  - a) Connect the RDS-antenna connector (D) to the fakra connector (5) as shown.

**CAUTION**

**Be careful not to close the fakra connector (5) before the RDS-antenna connector (D) is inserted till it clicks.**

- b) Insert the fakra connector (5) with antenna (D) to the RDS-tuner (1).

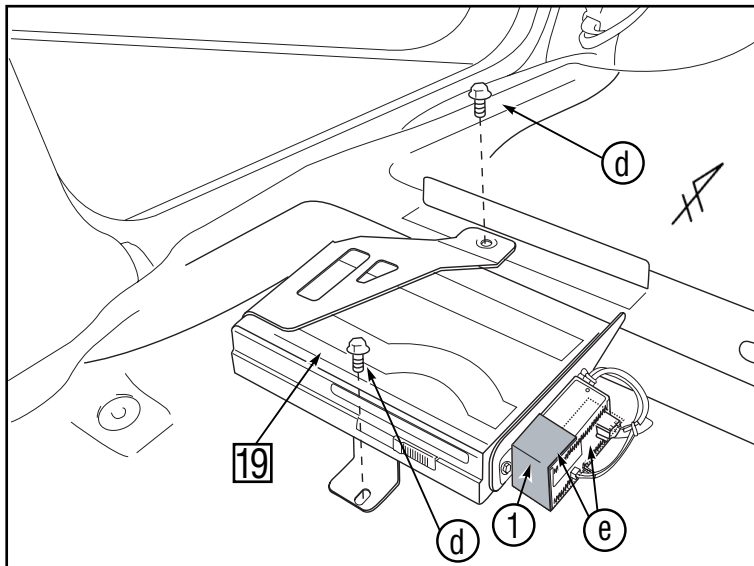


Fig. 21

5. Fold the carpet and fit the navigation ECU (19) with the RDS-tuner (1) on the floor as shown using bolts (d).
  - (d): Bolt (M8x12) (2x)

**CAUTION**

**Use foam tape (e) to mask the RDS-tuner (1) from view and place it between the floor and the RDS-tuner (1) for protection of the seat-wire harness.**

For vehicles with prewired ETA-antenna

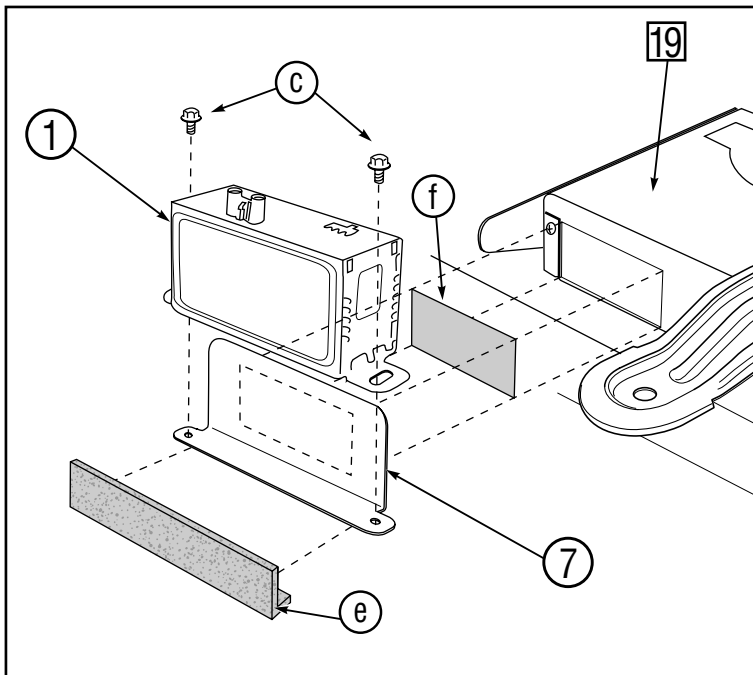


Fig. 22

1.
  - a) Release the navigation ECU 19 from the vehicle.
  - b) Fit the RDS-tuner 1 to the ETA-bracket 7 using the bolts c.
    - c: Bolt (M5x8) (2x)
  - c) Fit the RDS-tuner 1 between the cross member and the navigation ECU as shown. Use butyl tape f to attach the RDS-unit to the navigation ECU.
  - d) Place foam tape e to protect the lower corners of the RDS-tuner 1 as to protect the wire harness.

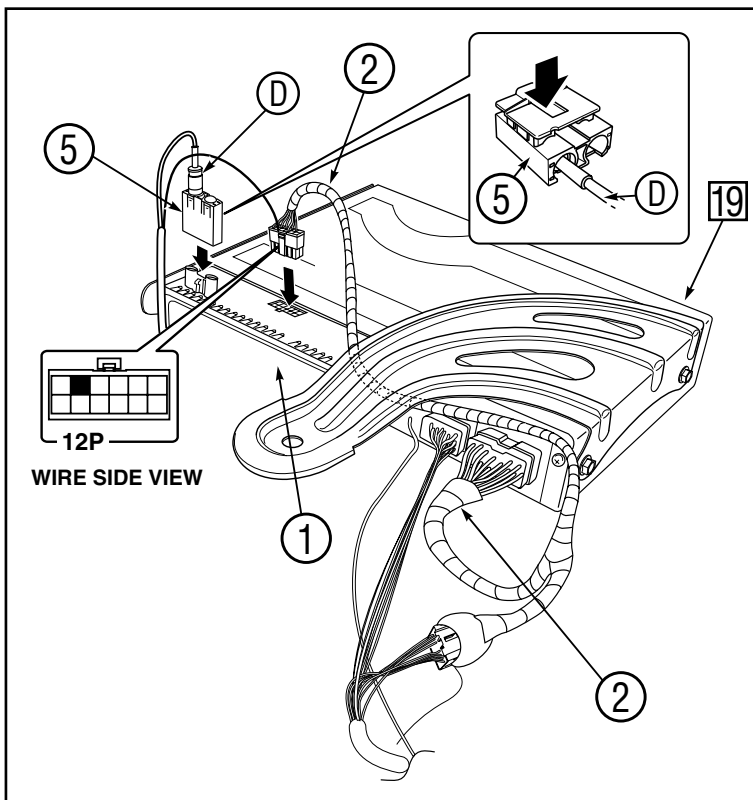


Fig. 23

2.
  - a) Connect the 13P and 8P connector of the navigation harness to the navigation ECU 19.
  - b) Connect the navigation 13P female connector to the RDS-subwire harness 2 13P male connector.
  - c) Connect the RDS-subwire harness 2 13P female connector to the navigation ECU 19.
  - d) Connect the RDS-antenna black wired pin to the RDS-subwire harness 2 12P connector to the second position from the left on the top row (wires face you and tab is on top).
  - e) Connect the RDS-subwire harness 2 12P connector to the RDS-tuner 1.
  - f) Insert the RDS-antenna connector D in the fakra connector 5 as shown.

**CAUTION**

**Be careful not to close the fakra connector 5 before the RDS-antenna connector D is inserted till it clicks.**

- g) Connect the fakra connector 5 with antenna D to the RDS-tuner 1.

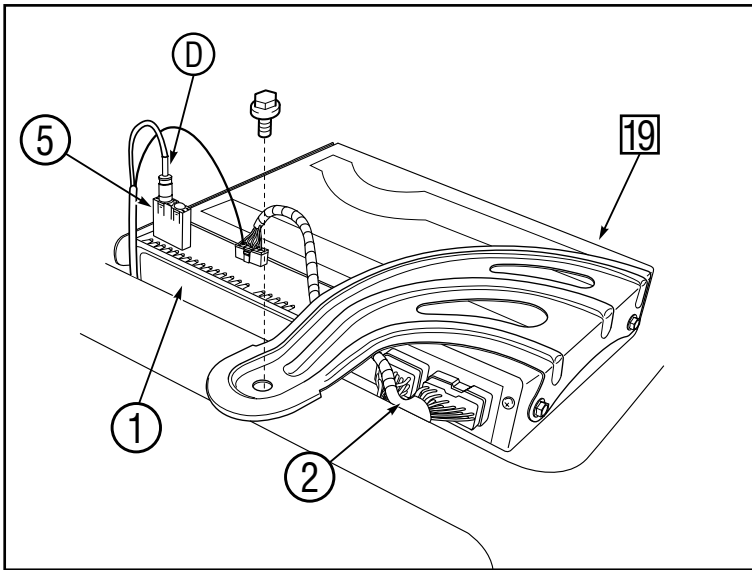



Fig. 24

3. Refit the navigation ECU .

**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.**



TOYOTA MOTOR CORPORATION