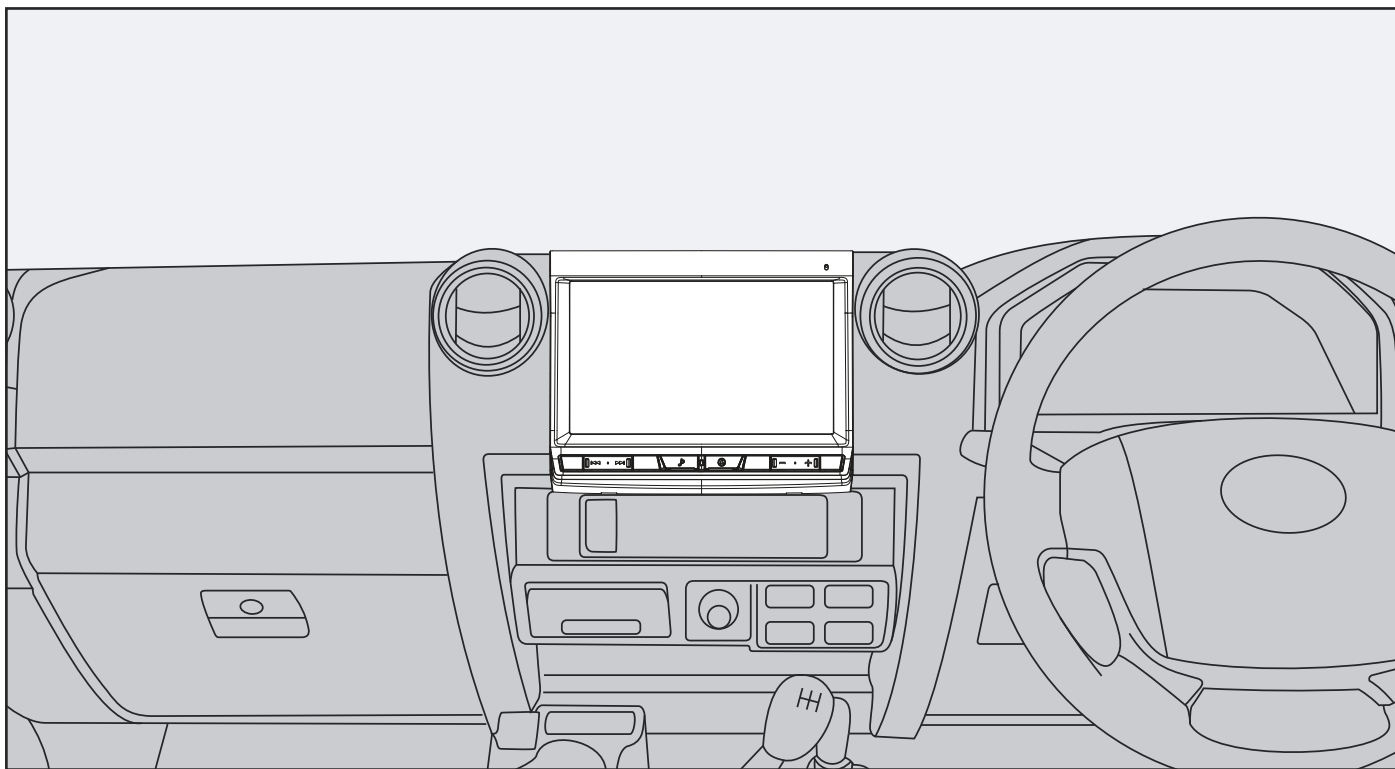


Alpine i905 LC70 Infotainment System Installation Guide

Toyota
LC70
2010 >



This install manual will give you a clear understanding about the installation of this kit. To ensure correct installation, please read this manual carefully before starting the installation.

WARNING

Before installing or connecting the unit, please read the following thoroughly for proper use.



WARNING

MAKE THE CORRECT CONNECTIONS.

Failure to make the proper connections may result in fire or product damage.

DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS.

Arrange wiring and cables in compliance with the manual to prevent obstructions when driving. Cables or wiring that obstruct or hang up on places such as the steering wheel, shift lever, brake pedals, etc. can be extremely hazardous.

DO NOT OBSTRUCT AIRBAGS OR ANY OTHER SAFETY RELEVANT PARTS OF THE VEHICLE WHILE INSTALLING THE PRODUCT.

Doing so may lead to failure of the vehicle's safety systems and results in severe injury or death.



CAUTION

USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

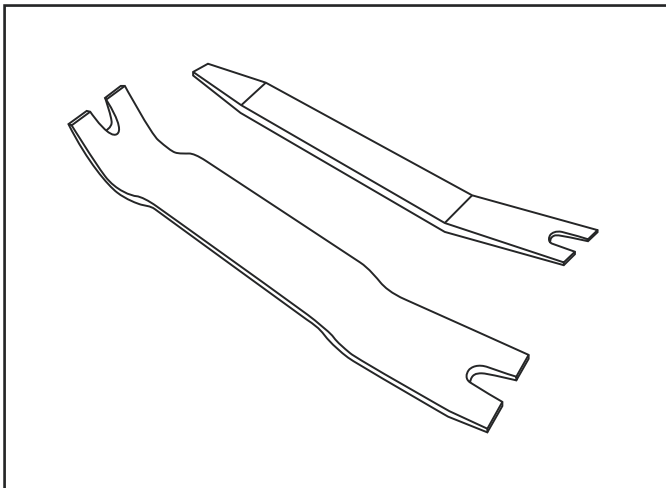
ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

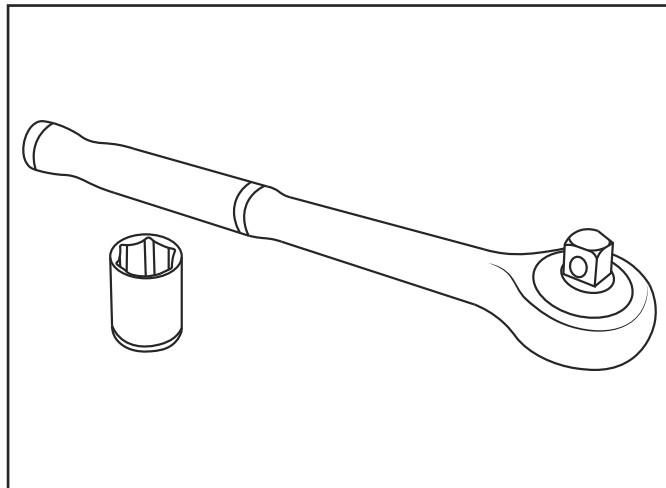
PRECAUTIONS

- It's recommended to disconnect the cable from the (-) battery post before installing this product. This will reduce any chance of damage to the product in case of short-circuit.
- Be sure to connect the specified leads according to the diagram. Incorrect connections may cause the unit to malfunction or damage to the vehicle's electrical system.
- Installations must be carried out indoors only, away from dust and contaminants.

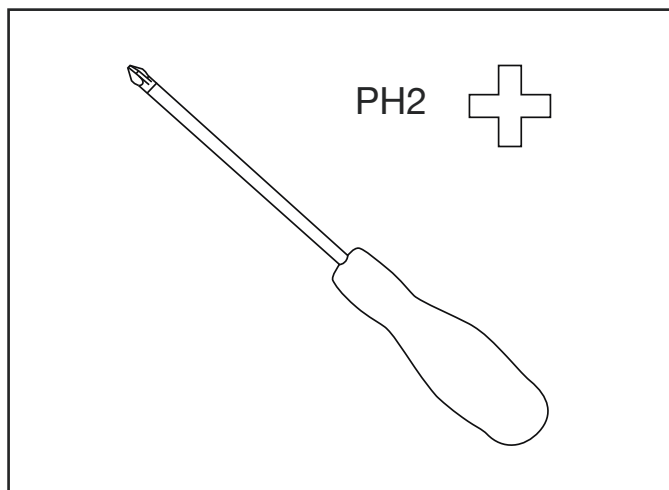
Tools & Hardware



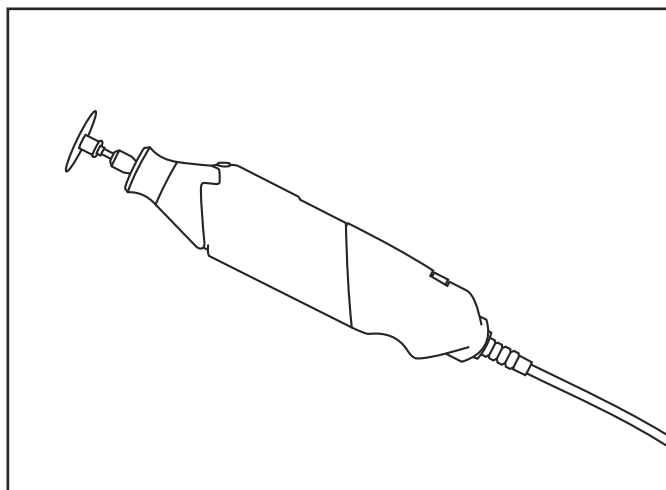
Trim Removal Tool



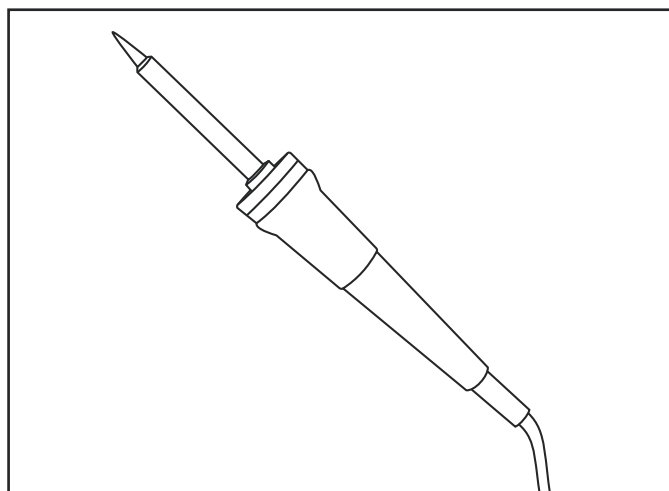
10mm Socket and Ratchet



PH2 Phillips-Head Screwdriver

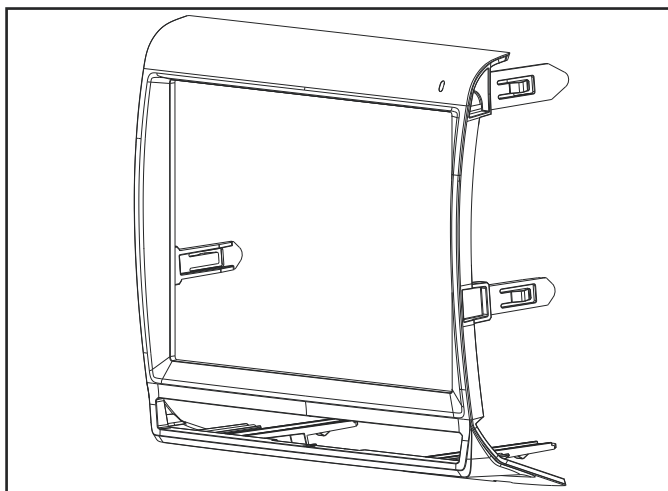


Rotary Cutting Tool

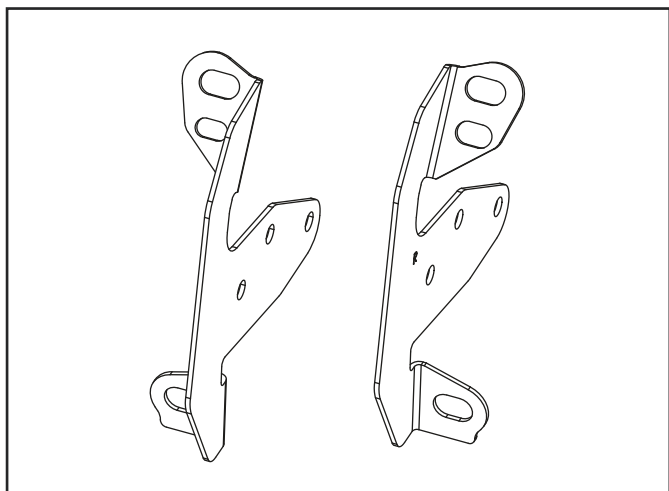


Soldering Iron

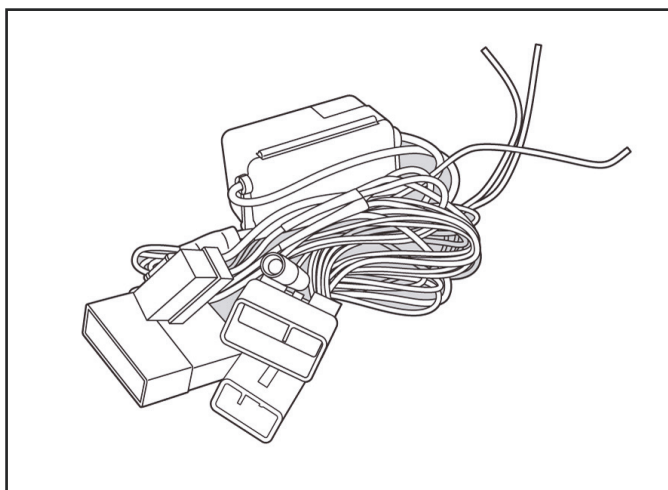
Parts



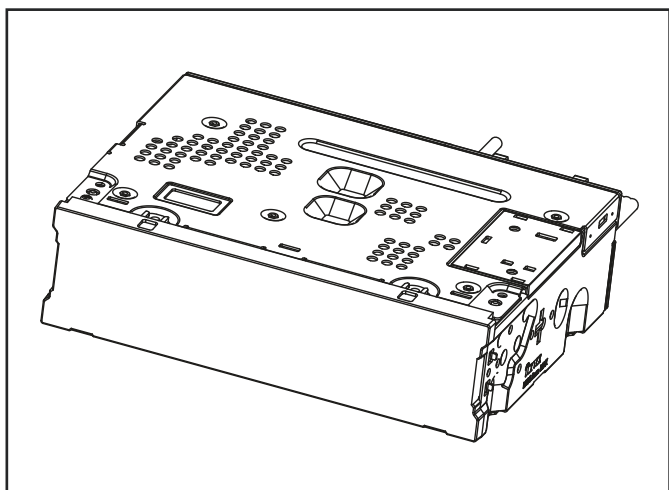
Alpine LC70 Fascia



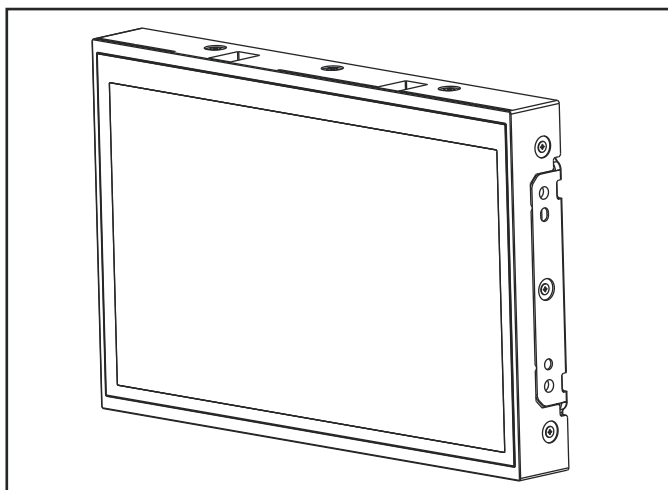
Mounting Brackets, LHS and RHS



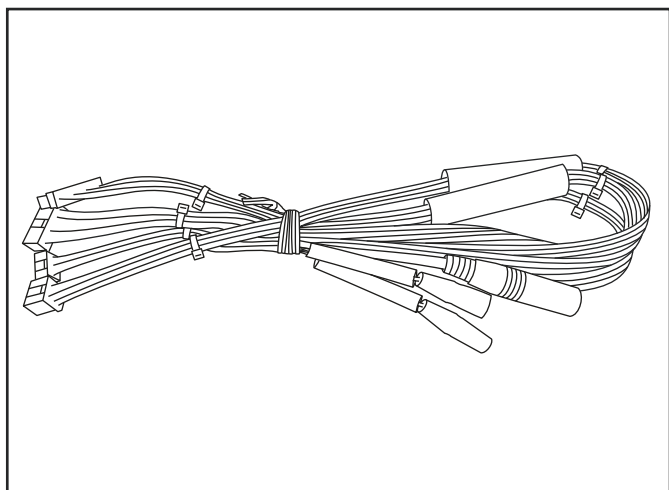
Wiring Harness



i905 Head Unit Black Box

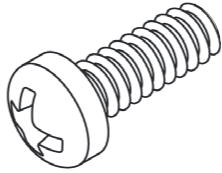


i905 Screen

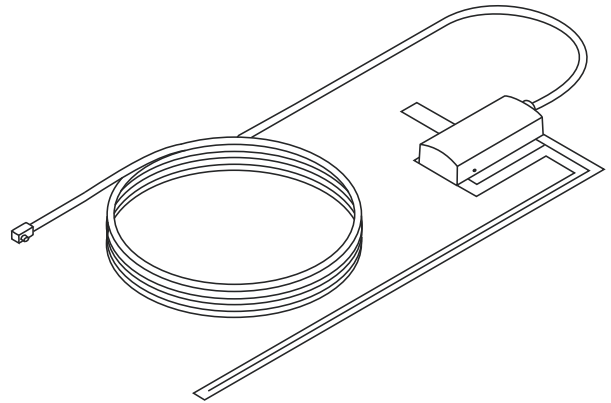


Key Harness

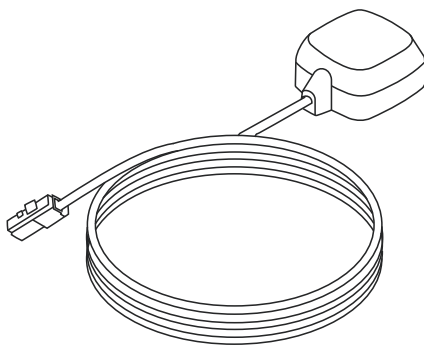
Parts



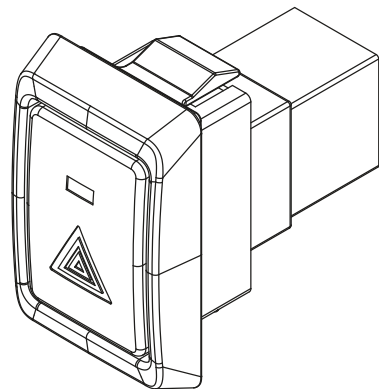
6x Head Unit Bracket Screws



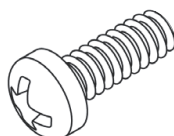
DAB+ Antenna



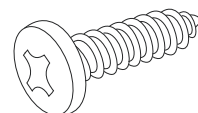
GPS Antenna



Hazard Key Assembly

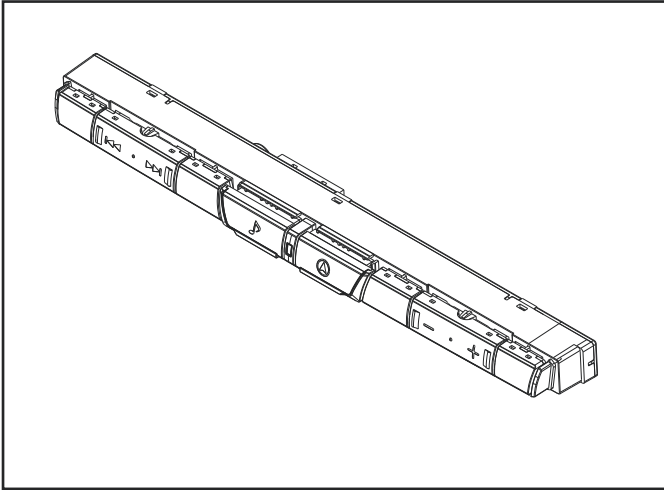


4x i905 Screen Screws

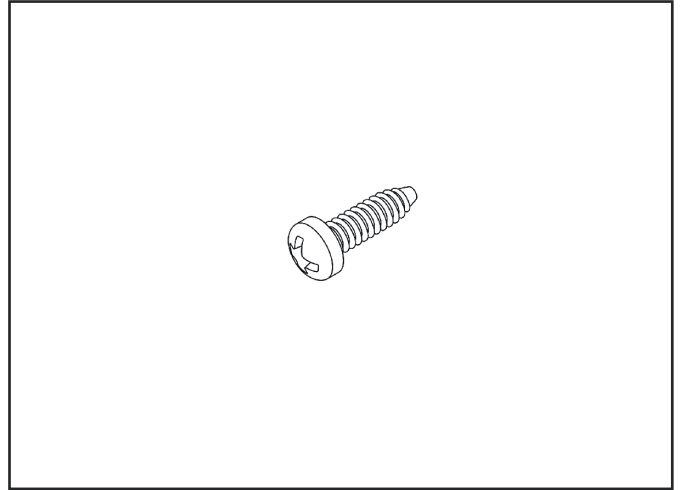


4x Fascia Screws 40x12z

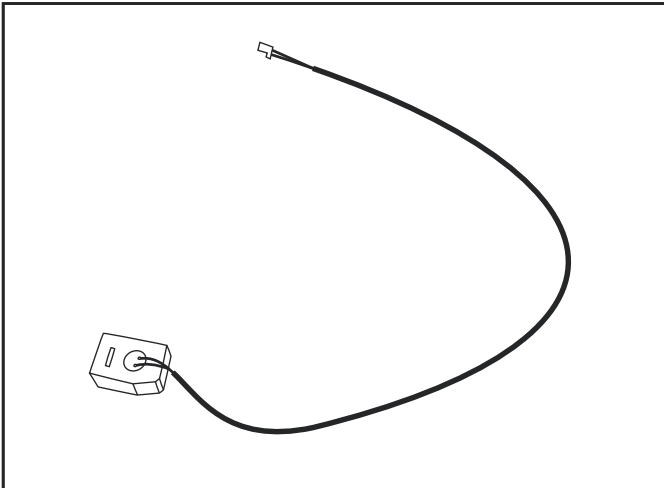
Parts



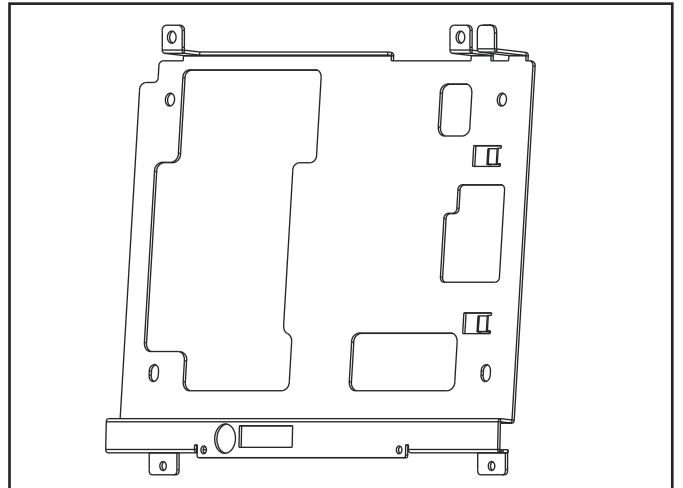
i905 Keys



2x Key Screws 4G x 3/8 PAN

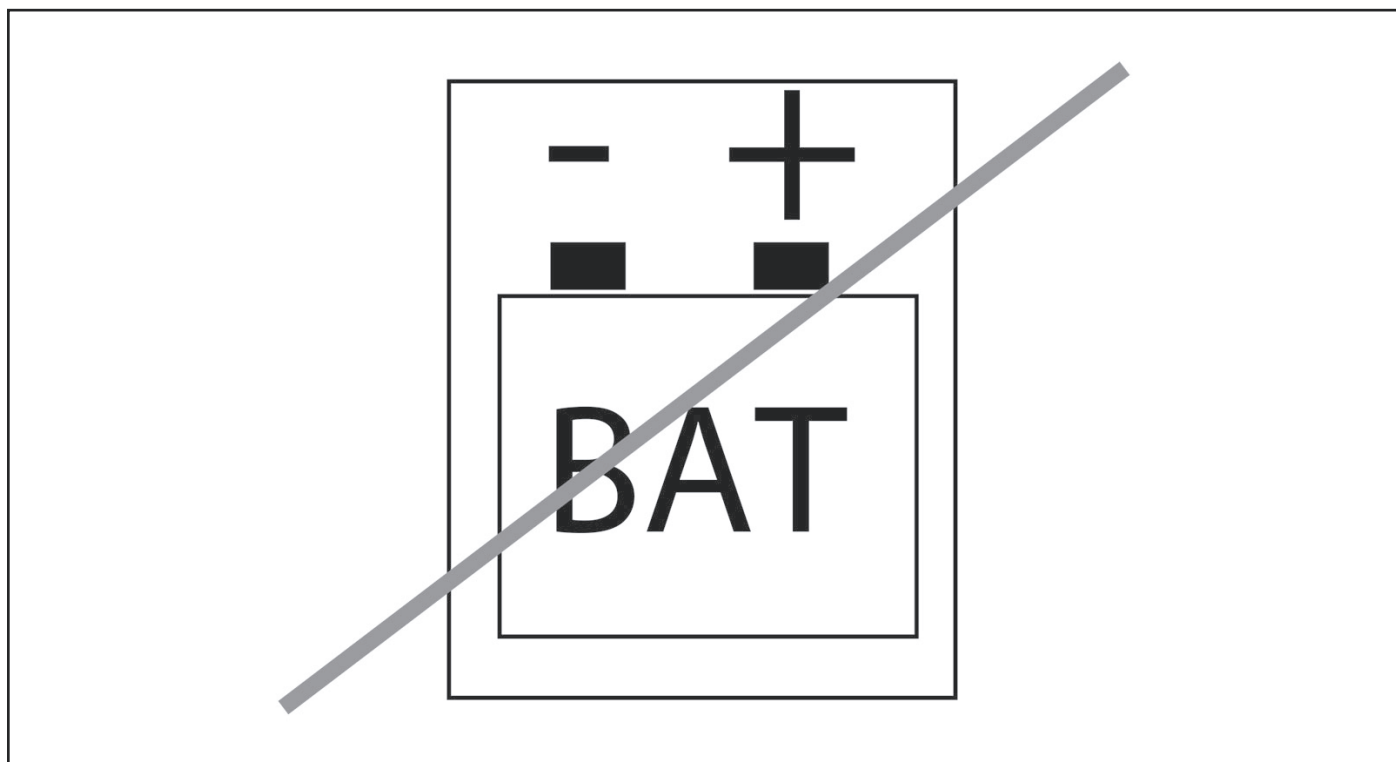


Microphone



LC70 i905 Screen Bracket

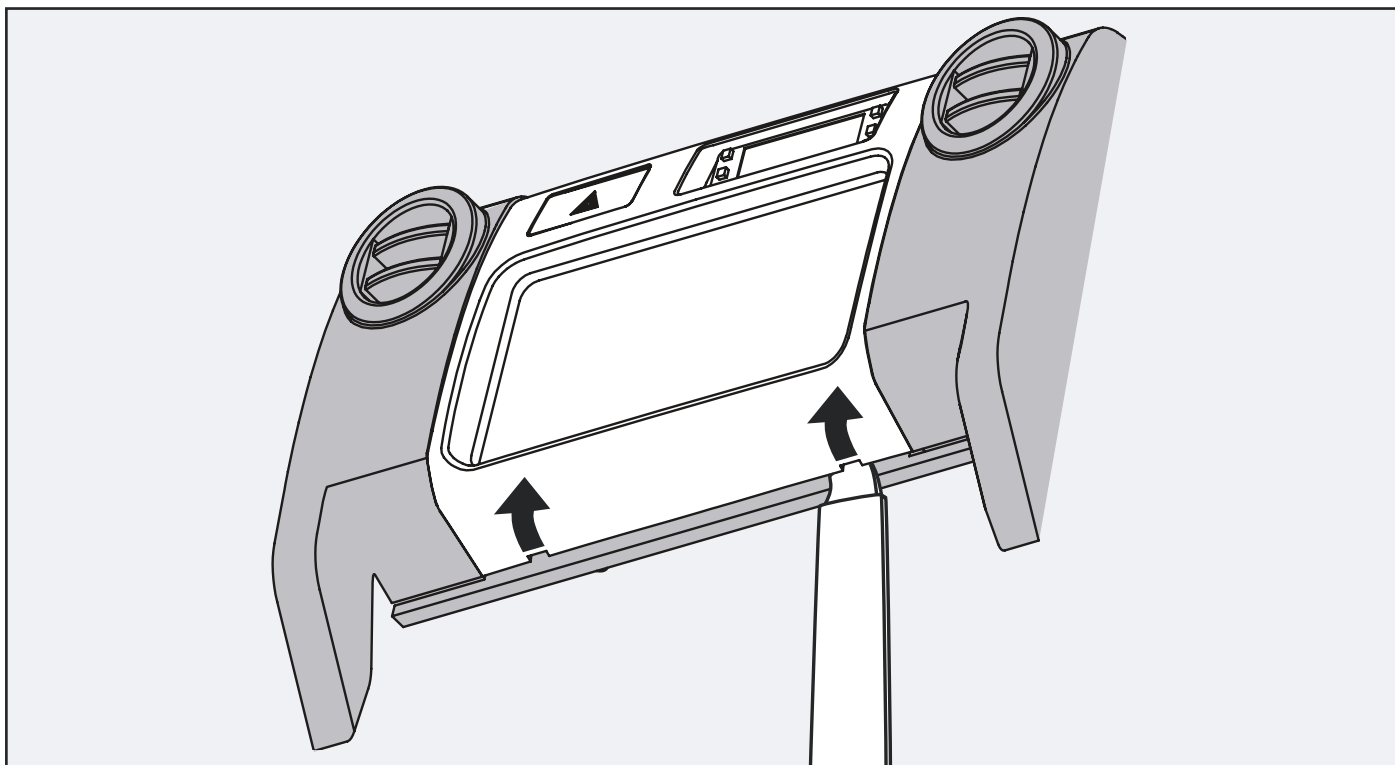
Disconnection of Battery



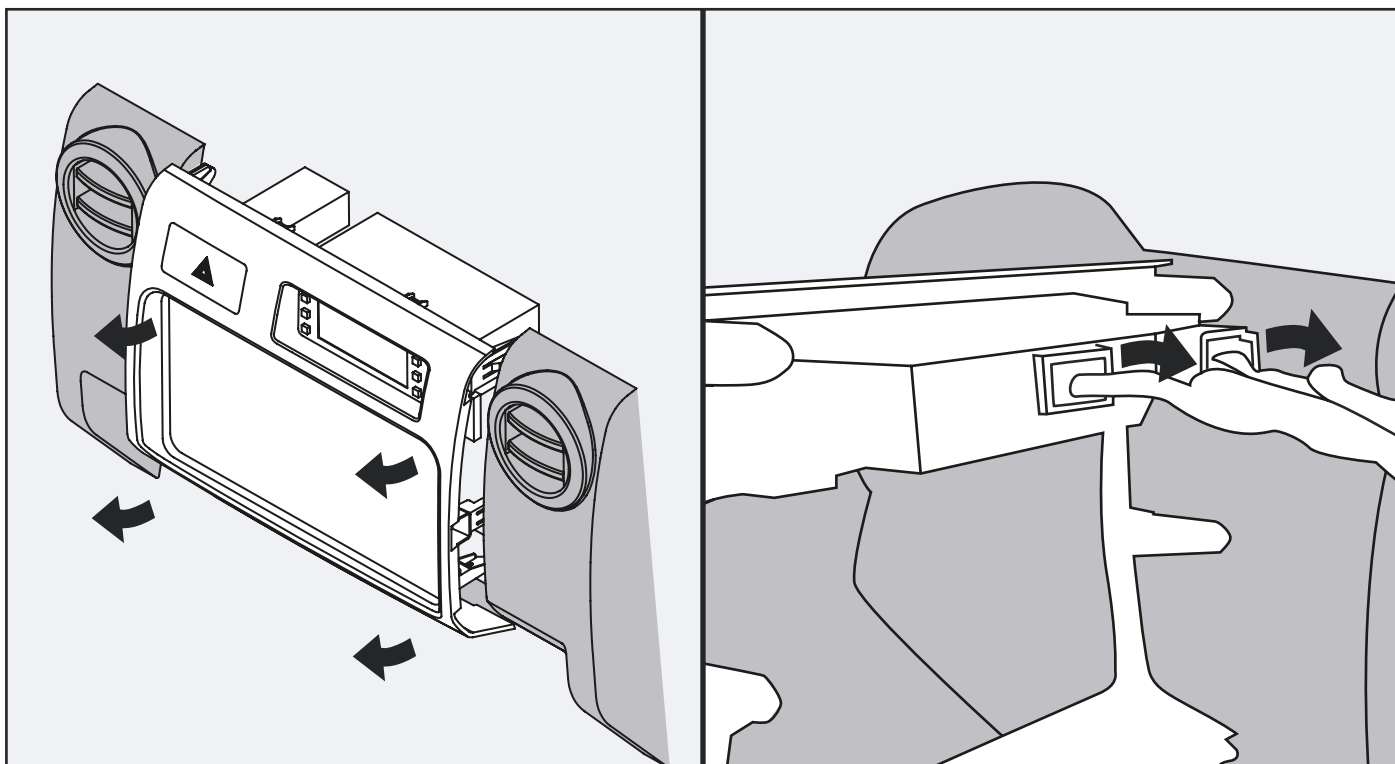
WARNING

It is recommended to disconnect the cable from the negative battery terminal before proceeding with the installation.

Factory Head Unit Removal

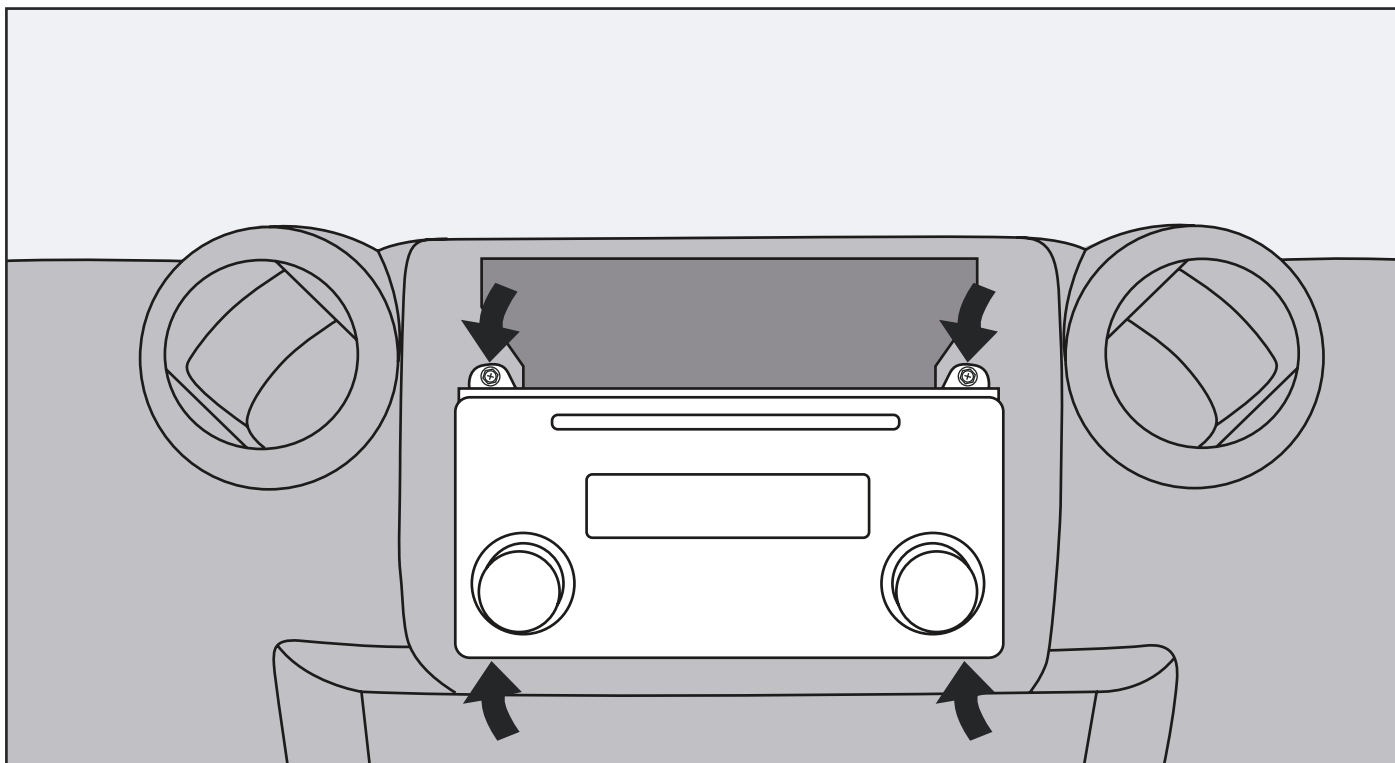


- 1** Use the trim removal tool to dislodge the bottom fascia clips through the recesses in the fascia.

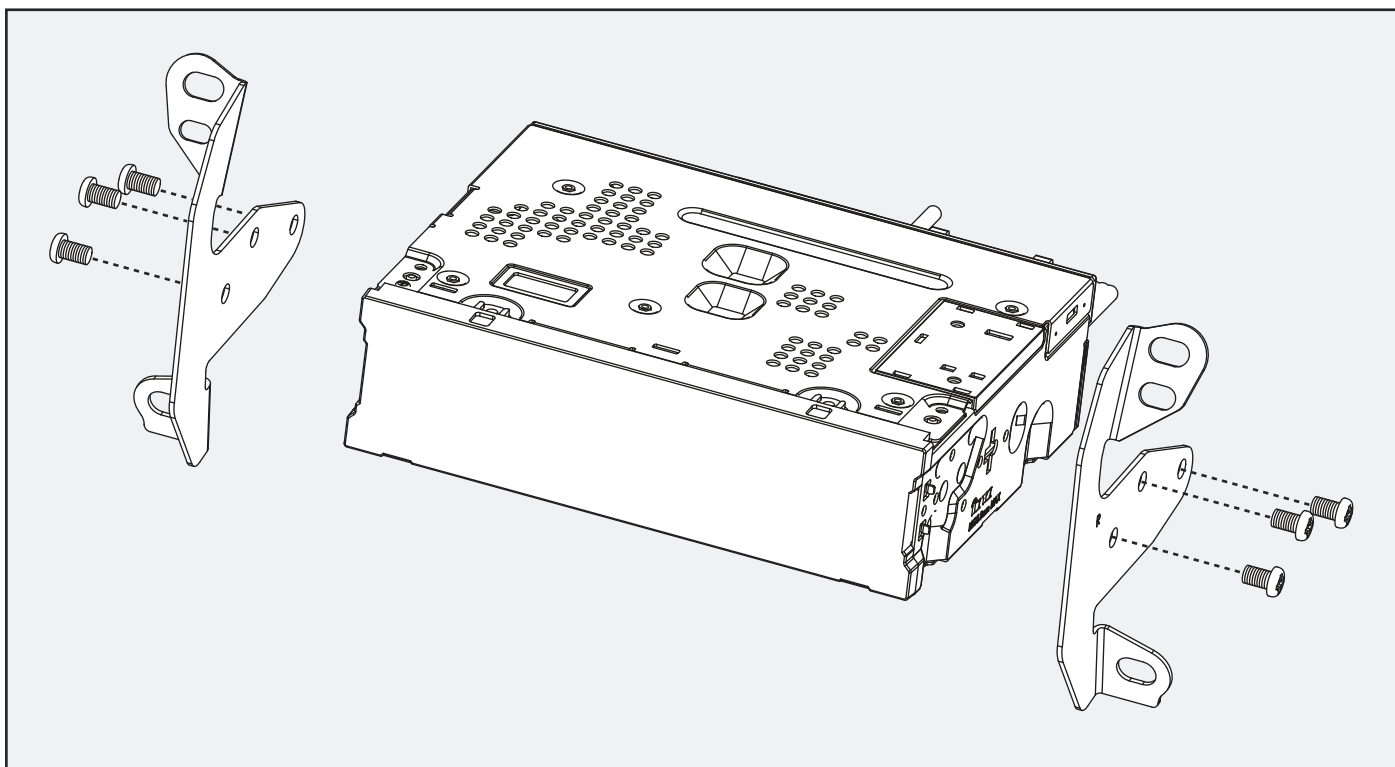


- 2** Pull the fascia outwards to disengage the mounting clips. Carefully unplug the two connectors on the rear of the fascia and set aside.

Factory Head Unit Removal and Bracket Install

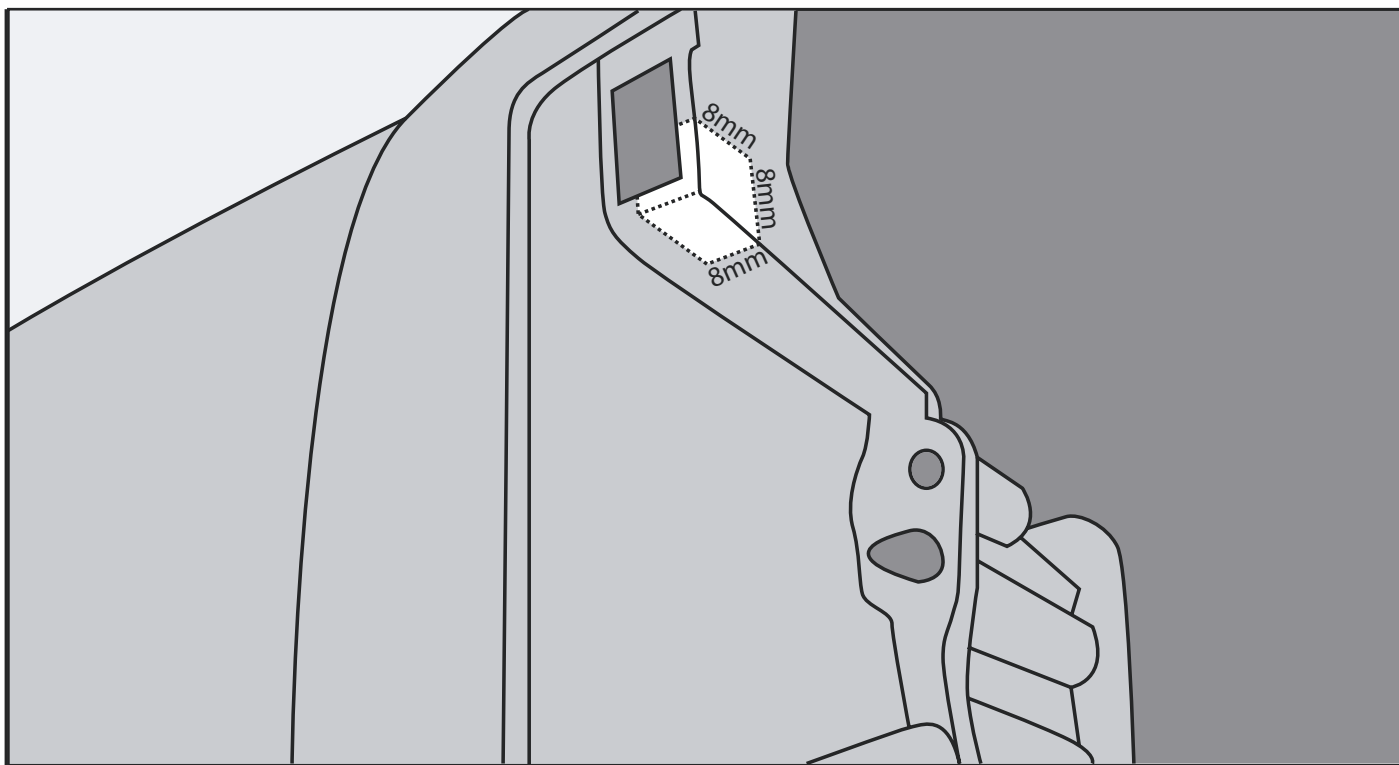


- 3** Unscrew the 4 head unit bracket bolts using a 10mm socket and remove the head unit from the dashboard. **Retain these screws to mount the Alpine unit.**

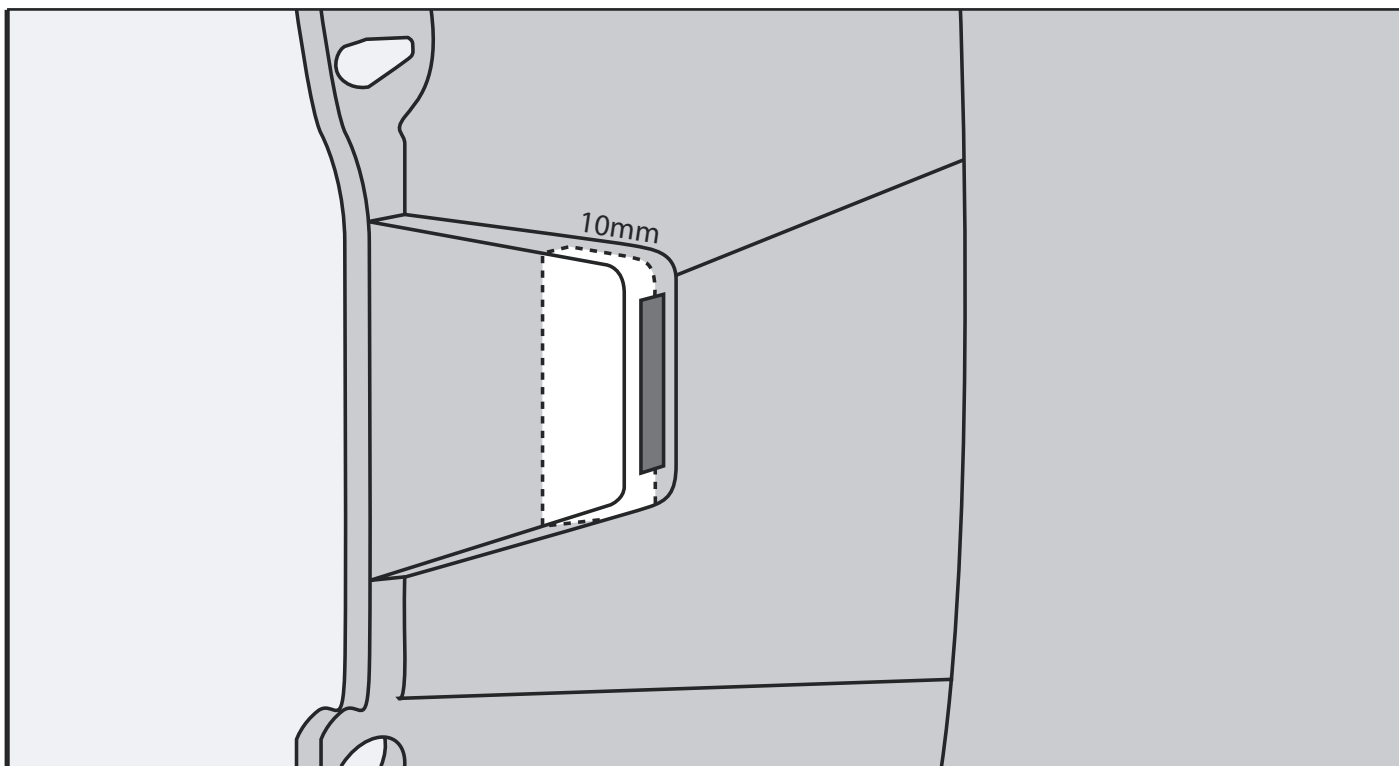


- 4** Using the 6 head unit screws provided, fasten the left and right side brackets to the Alpine head unit black box.

Trim Dashboard

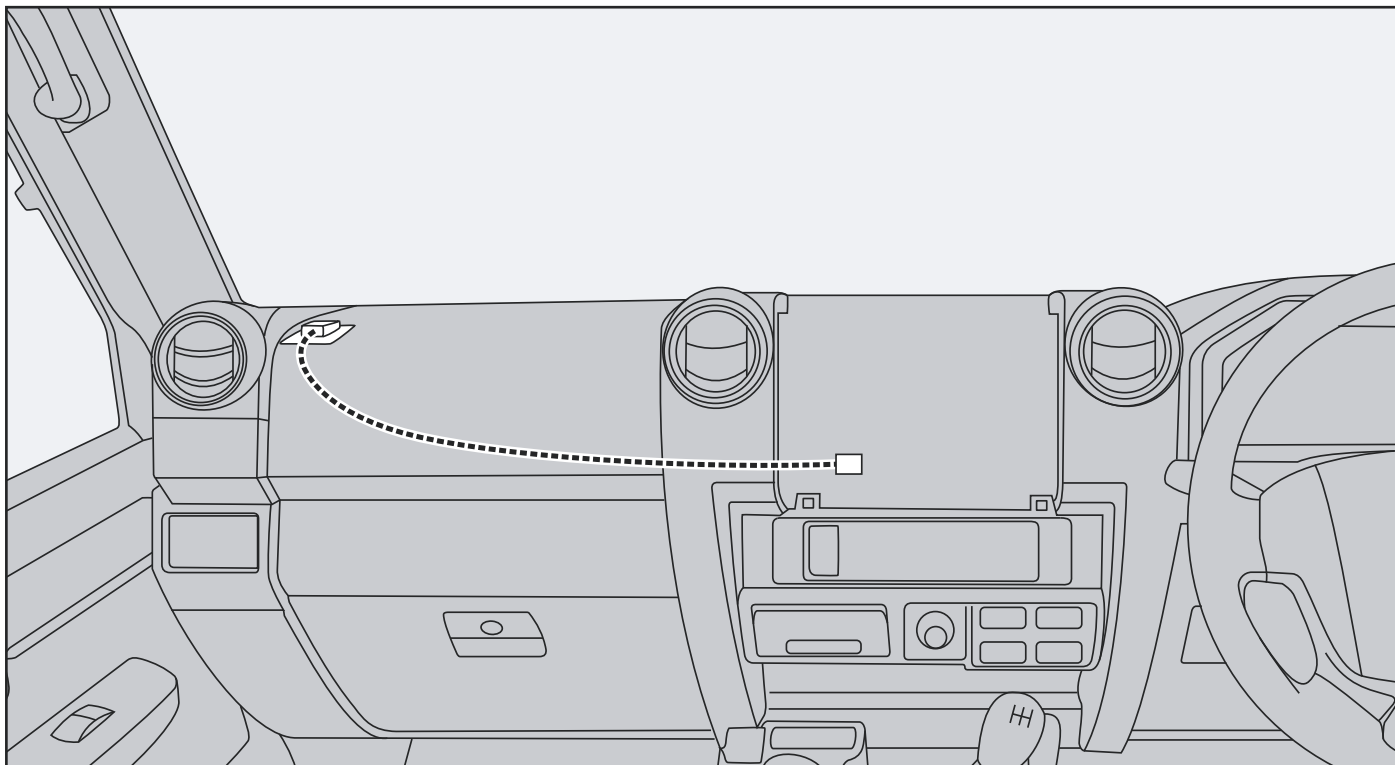


- 5** Use a cutting tool to carefully trim the dash in the illustrated location on both the left and right sides of the head unit cavity to allow clearance for the 9" LCD display to be fitted.

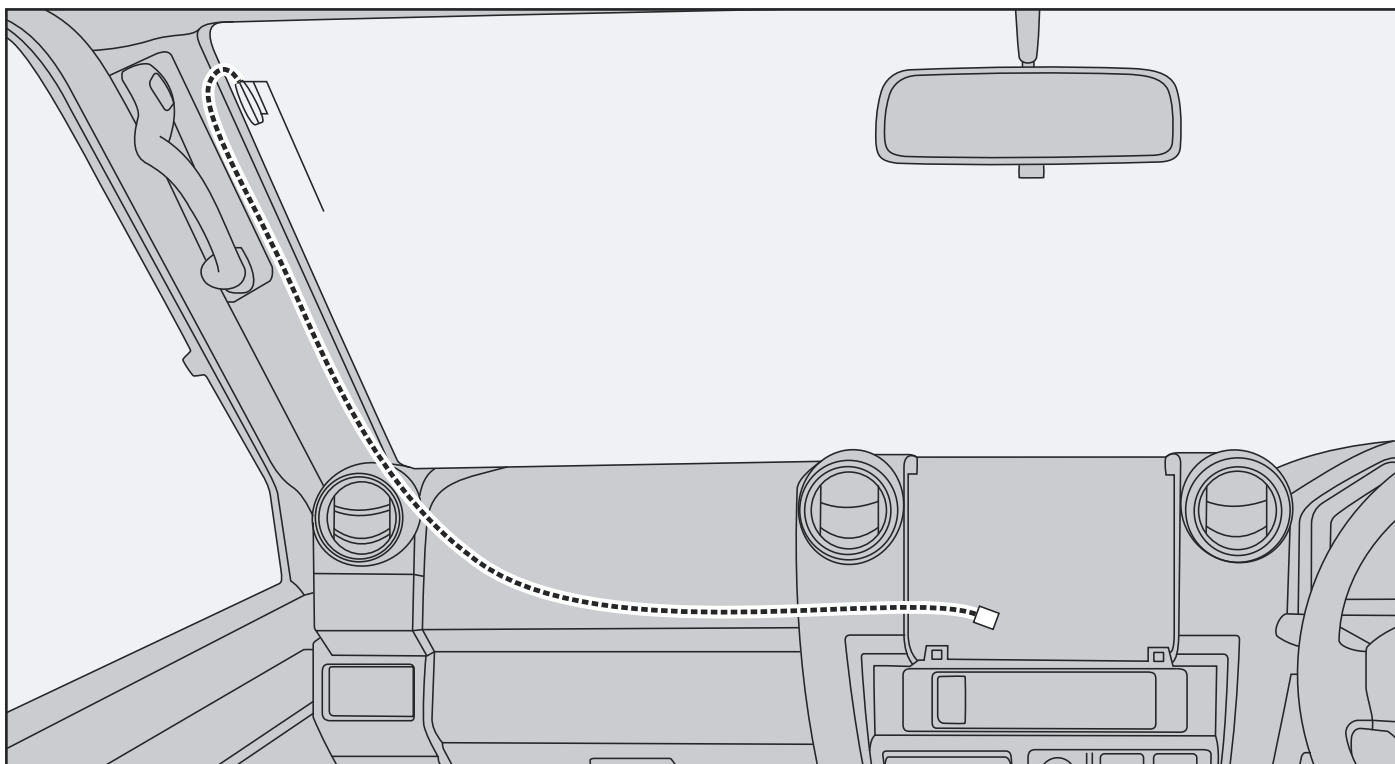


- 6** Use a cutting tool to carefully trim the dash in the illustrated location on both the left and right sides of the head unit cavity to allow clearance for the 9" LCD display to be fitted.

GPS and DAB+ Antenna Installation

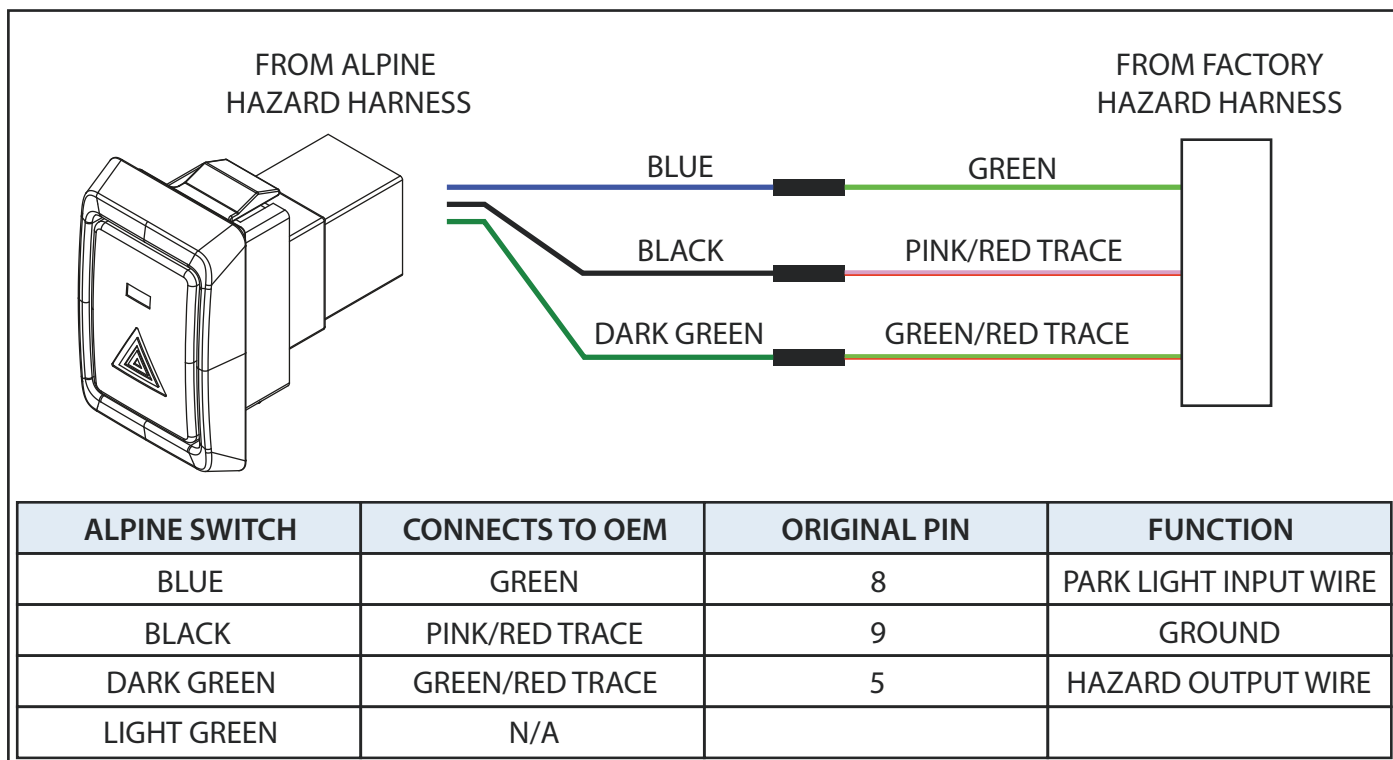


- 7** Route the GPS wire behind the dashboard, place the GPS antenna on the metal backplate and mount the antenna faced upwards and as close to the top of the dashboard as possible.

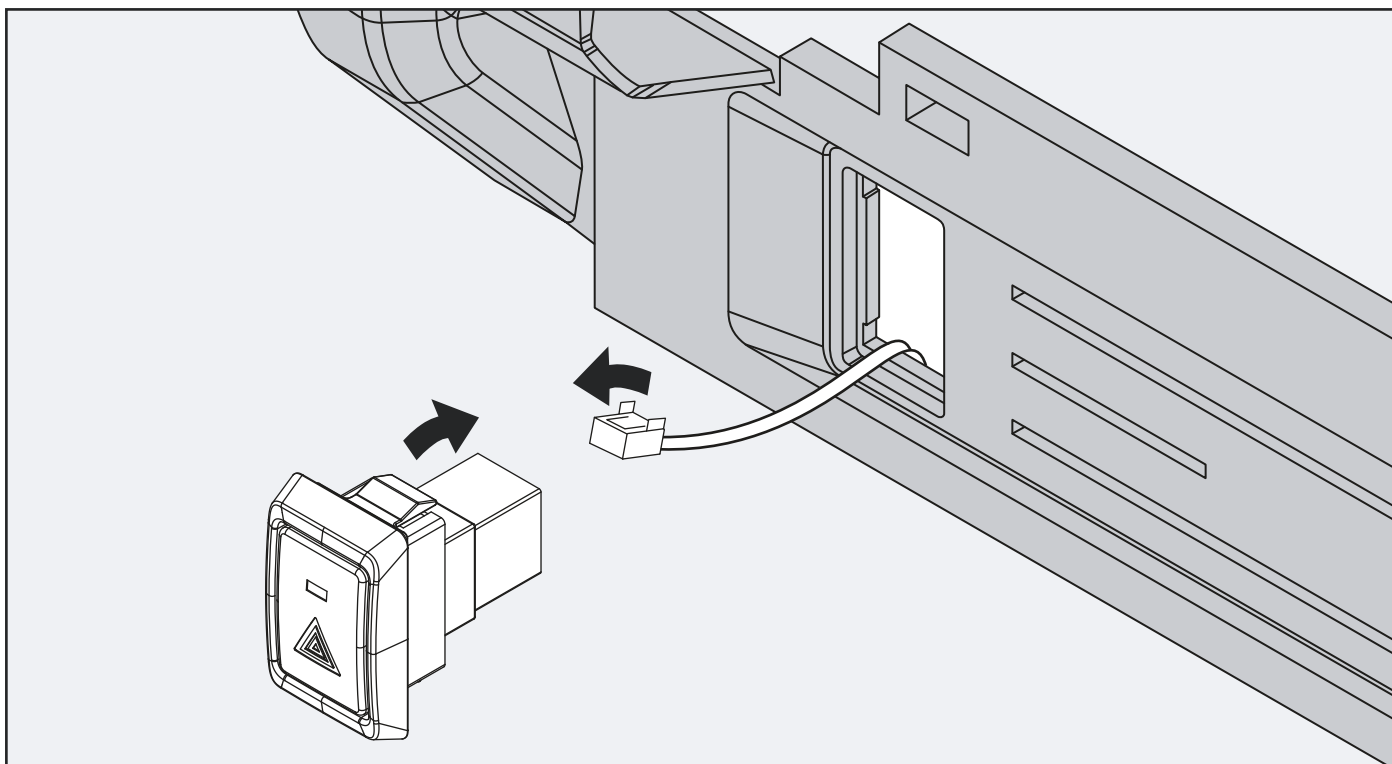


- 8** Remove the passenger side grab handle and A-pillar trim, route the DAB antenna wire and mount the antenna to the windscreen.

Hazard Switch Relocation

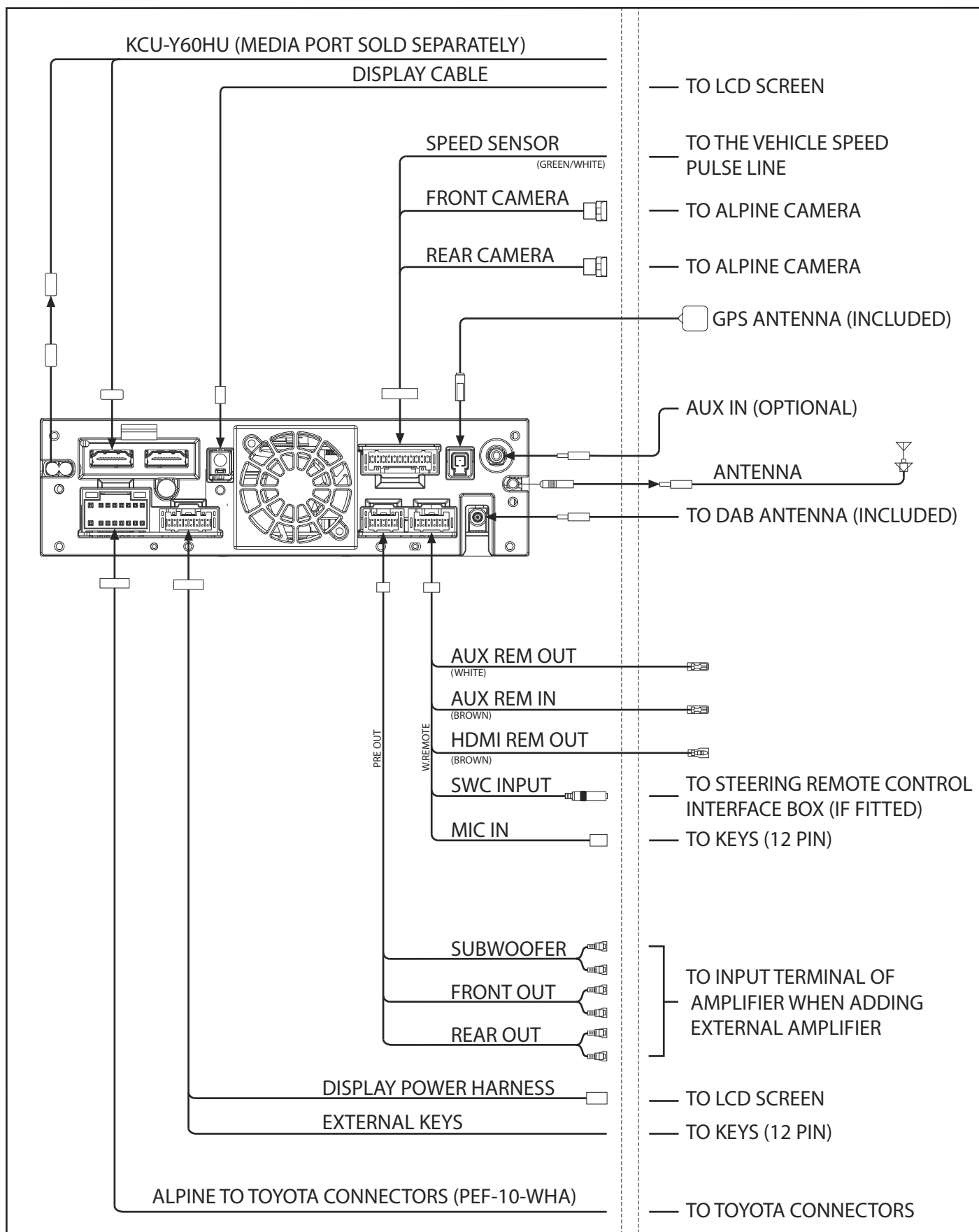


- 9** The supplied Alpine hazard switch must be soldered to the factory hazard switch wiring as shown in the above diagram. The red wire on the hazard switch is not used.



- 10** Route the hazard switch connector down through the HVAC blank and connect it to the supplied Alpine hazard switch. Clip the Alpine hazard switch assembly into the HVAC blank.

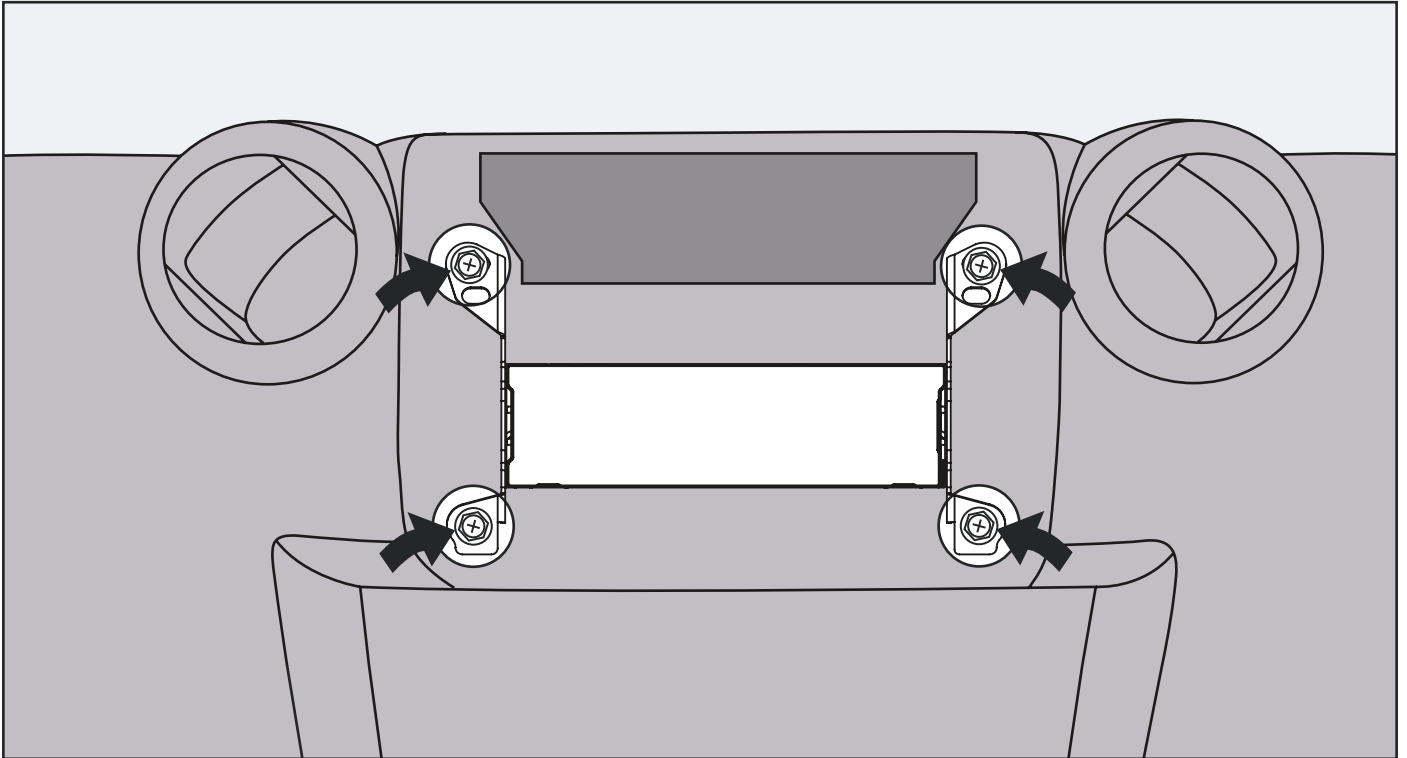
Wiring for i905



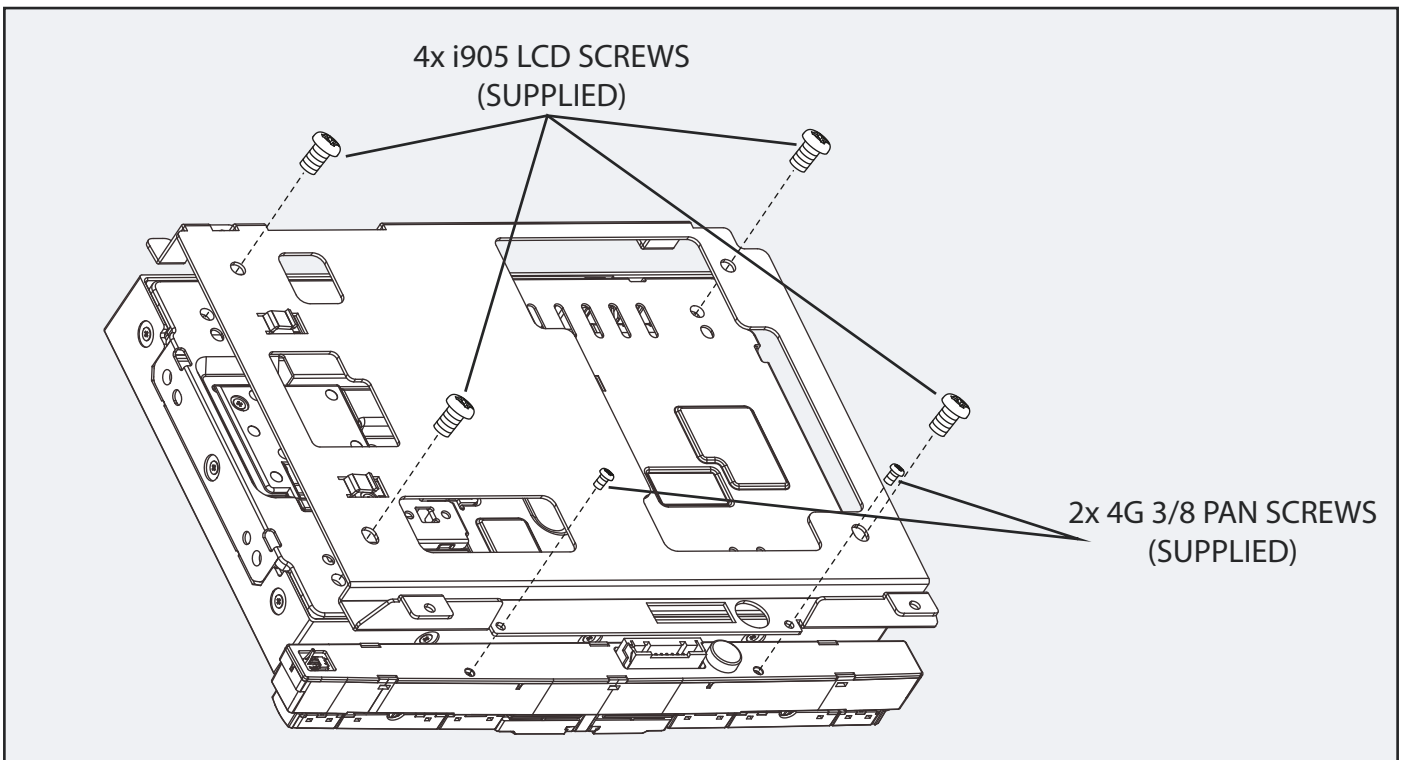
11

Connect all supplied wiring to the vehicle connectors and the Alpine head unit black box.

Install Black Box and Assemble Fascia

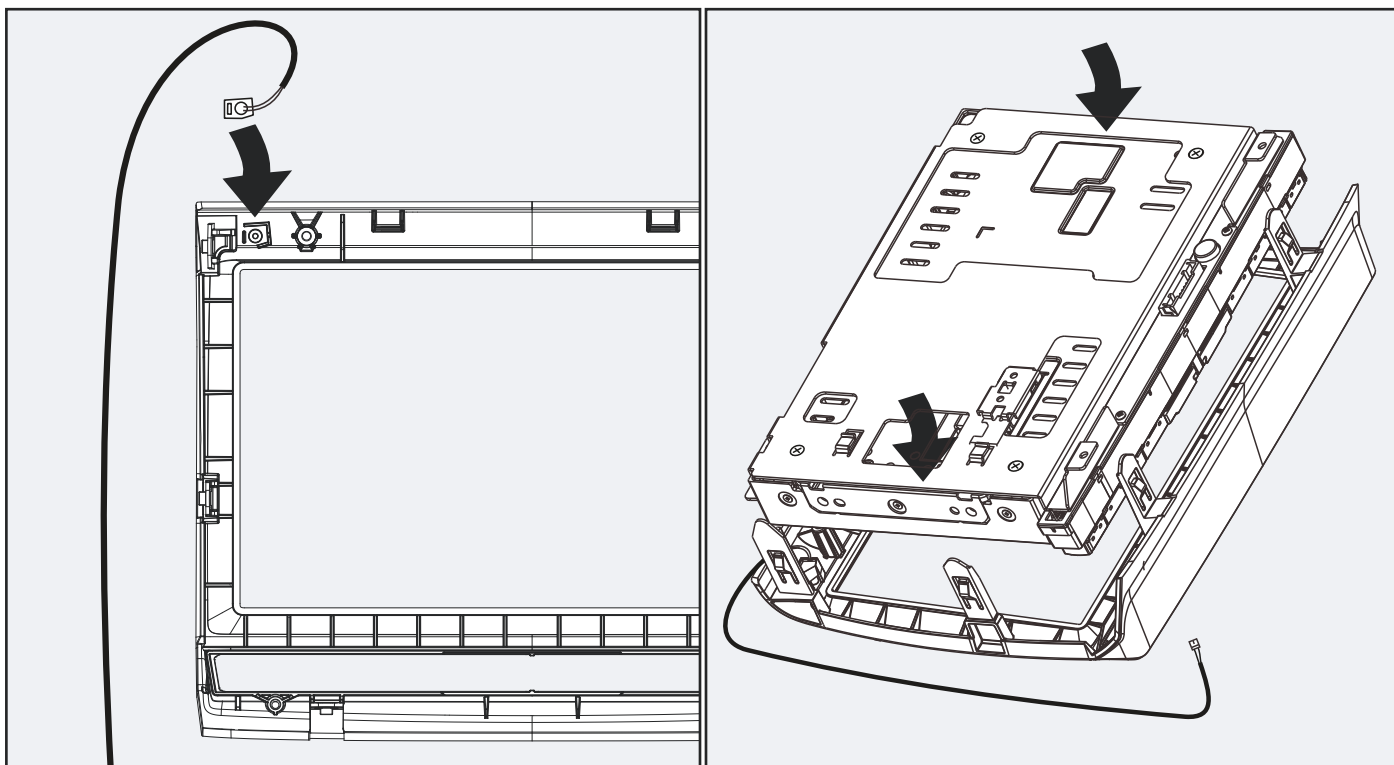


- 12** Mount the head unit black box assembly to the dash using the 4 factory head unit bracket bolts. **Ensure that the display cable, display power harness and external key harnesses are routed in front of the head unit black box.**

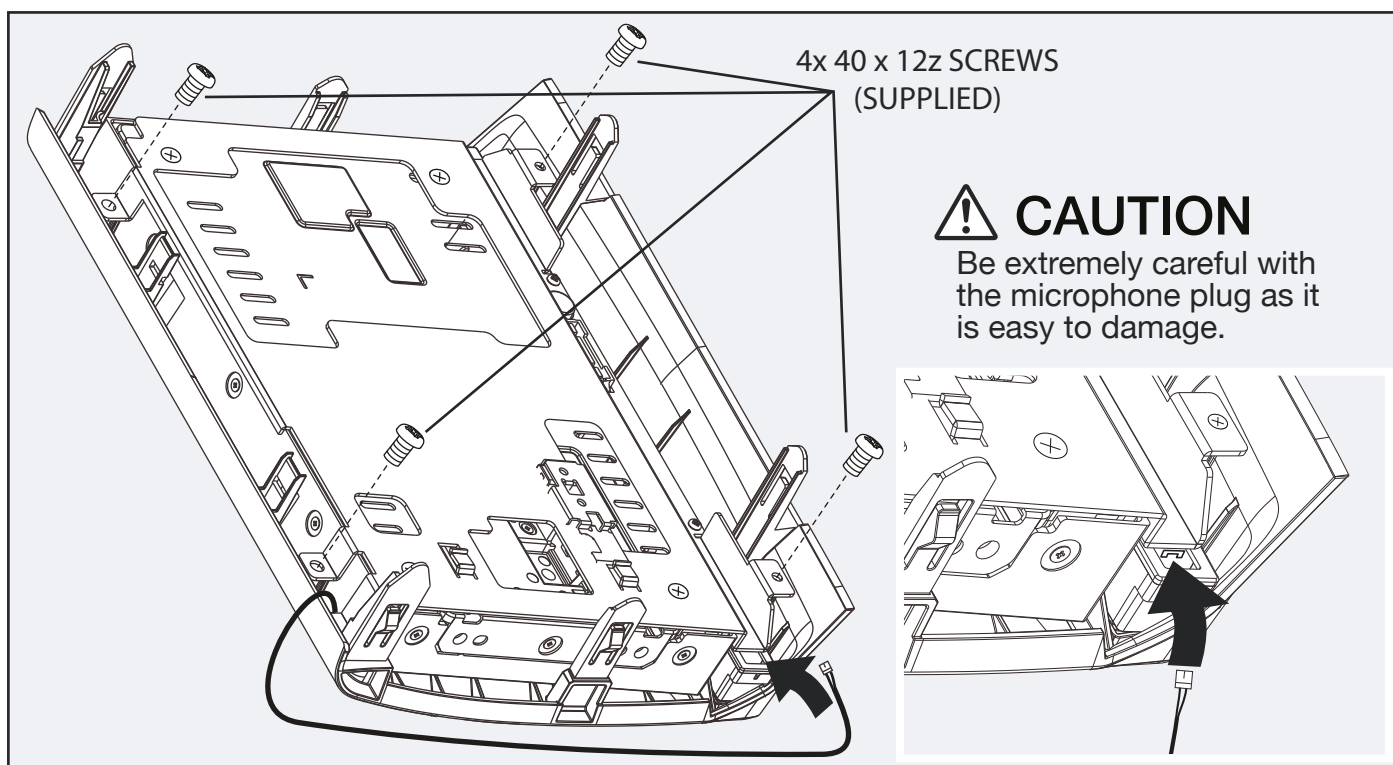


- 13** Attach the i905 screen and keys to the LC70 screen bracket with the screws provided.

Assemble Fascia



- 14** With the fascia placed face down, fit the microphone into the fascia. Place the LC70 bracket with screen and keys into position. Ensure that the microphone cable remains clear of the bracket assembly.



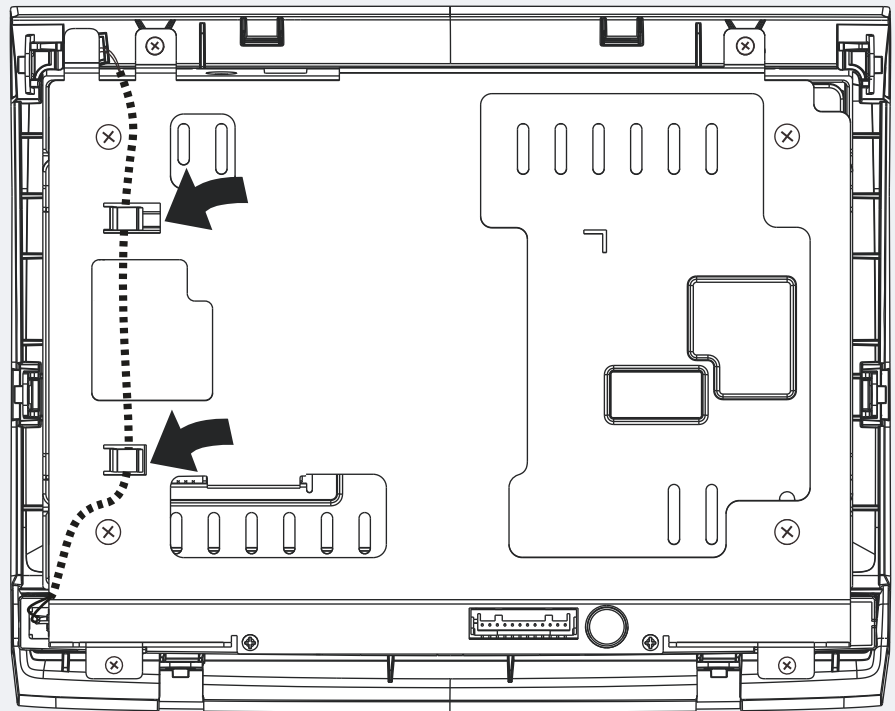
- 15** Fasten the bracket to the fascia with the fascia screws provided. Carefully plug the microphone wire into the rear of the keys.

Assemble and Install Fascia

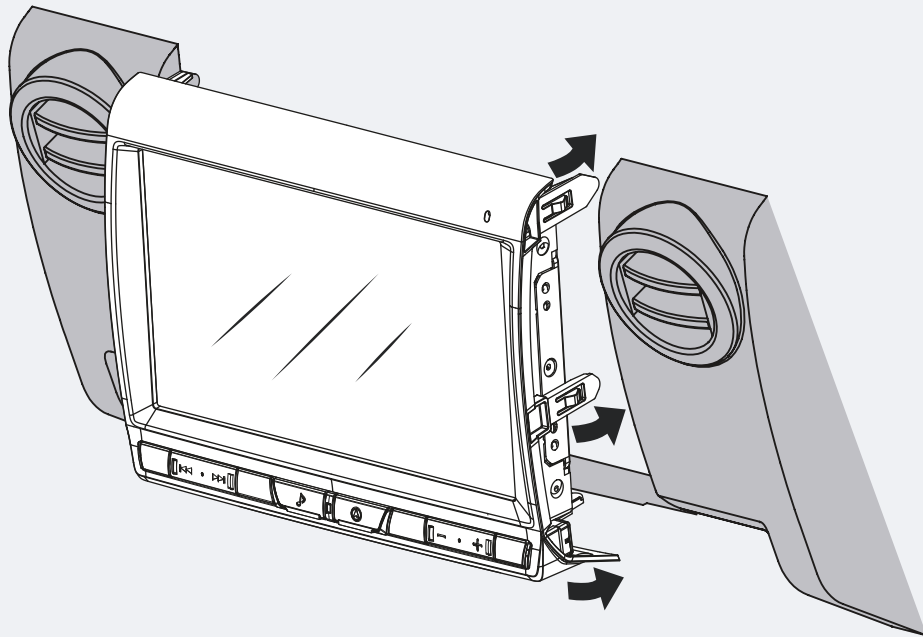


NOTE

You may have to manipulate the tabs slightly by hand to secure the wiring effectively.

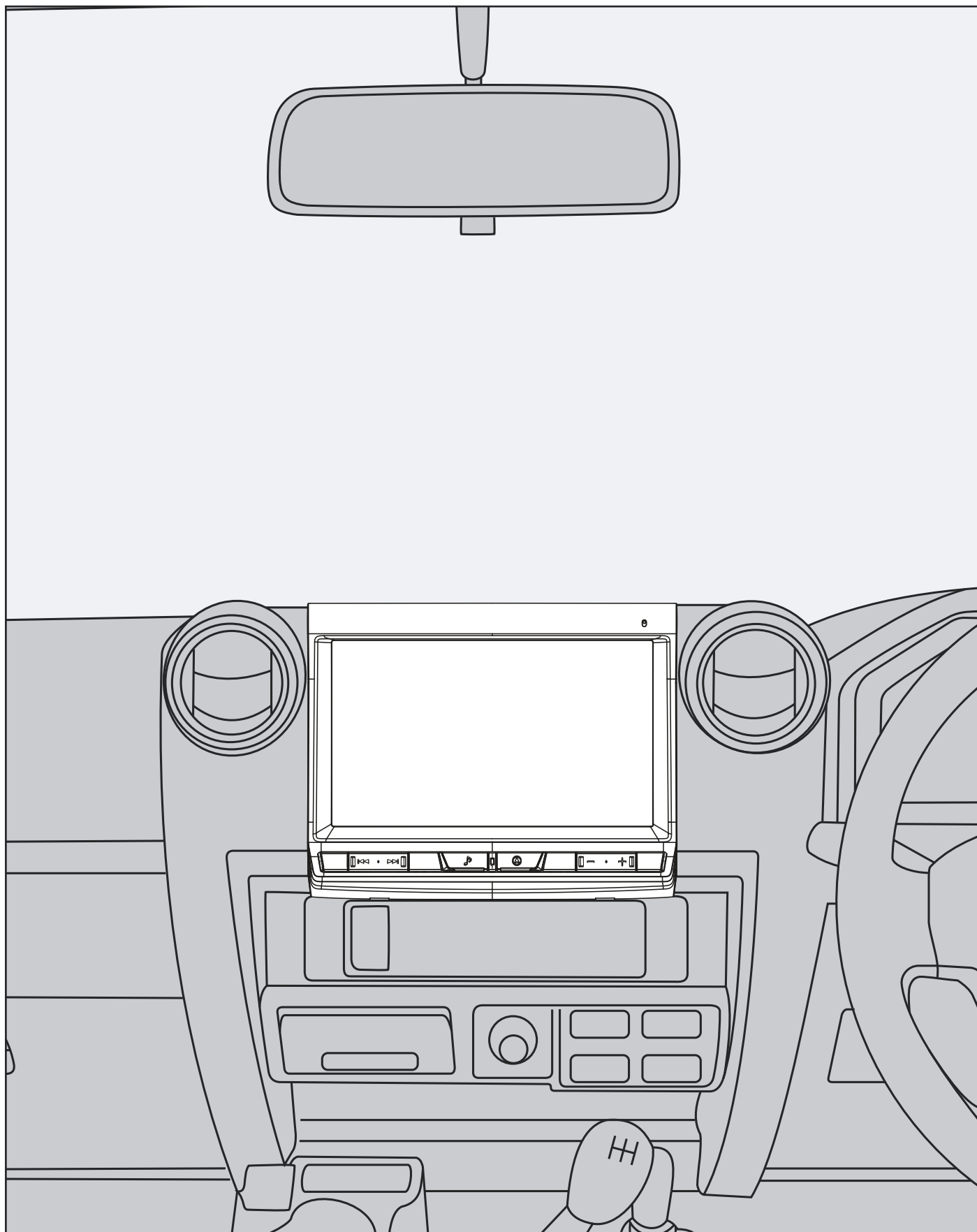


- 16** Route the microphone wire across the back of the bracket as illustrated above. Flip the fascia assembly over and ensure that the keys, screen and Alpine logo are positioned centrally, perfectly horizontally and have consistent gaps all around. If any adjustment is needed, loosen the screws on the rear of the bracket and reposition accordingly.



- 17** Install the fascia assembly into the dash and plug in the display cable, display power harness and the key harness.

Installation Complete



18 Installation is complete.



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