

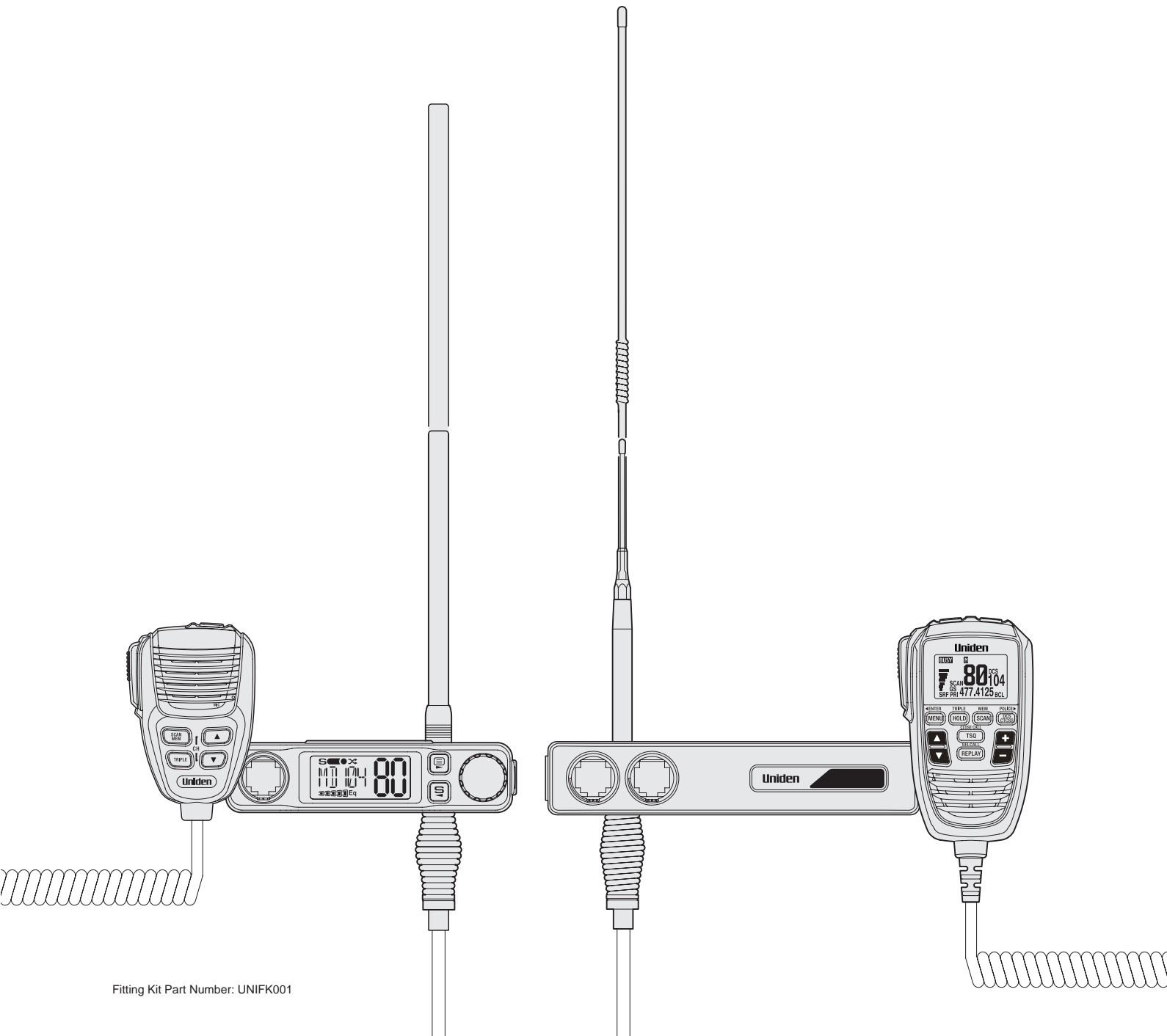
**TOYOTA**

# UHF CB Transceiver

UH9000S / UH9060S / UH9080S

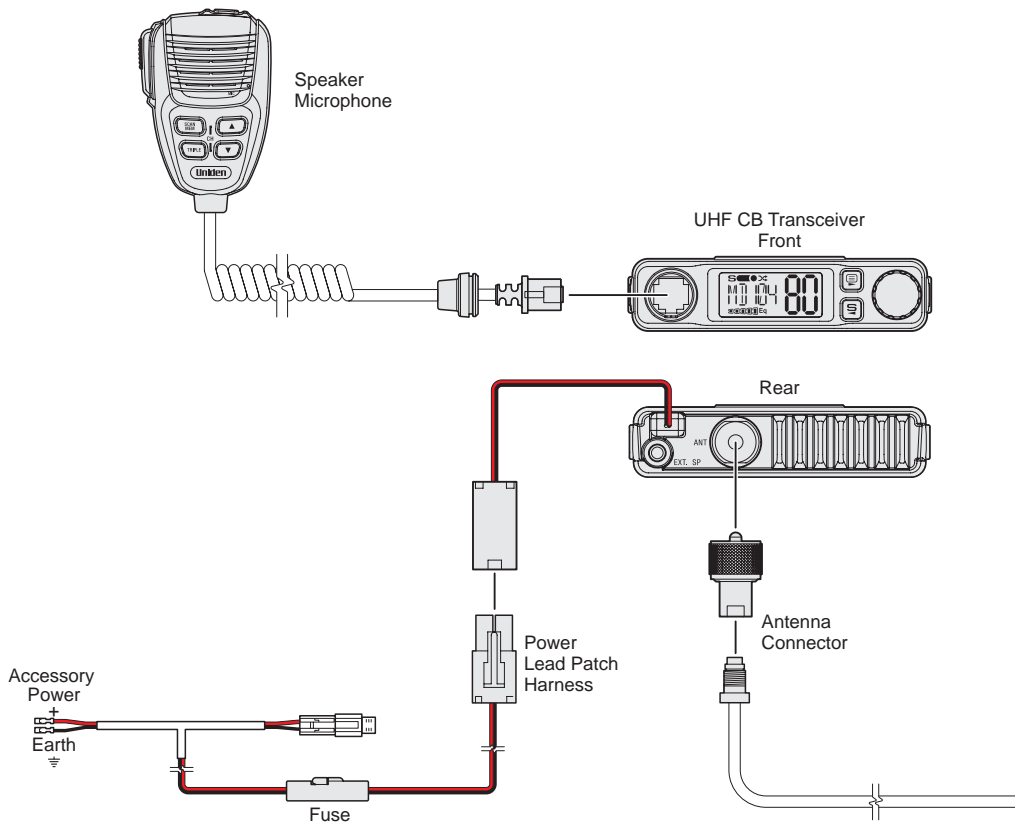
Fitting Instructions

## Land Cruiser 200

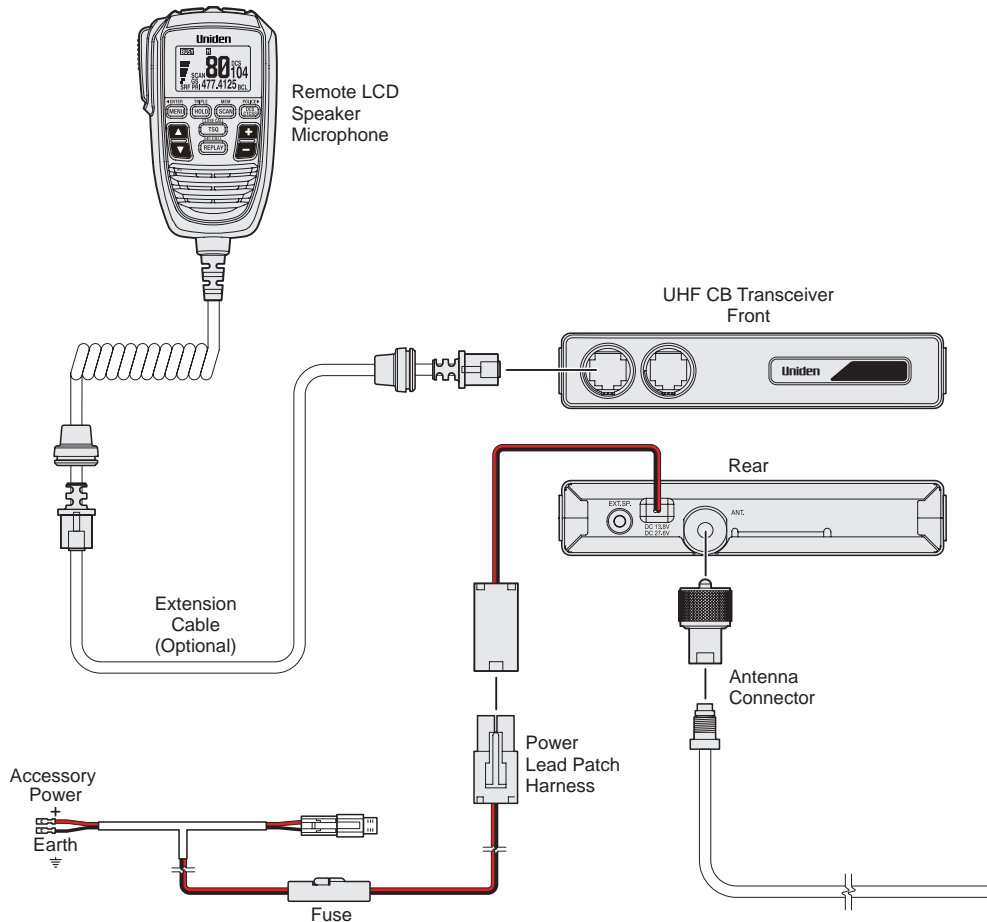




### UH9000S



### UH9060S / UH9080S





**⚠ WARNING**

This vehicle is equipped with Supplemental Restraint System (SRS) airbags and seatbelt pretensioners. Before starting work, wait at least 90 seconds after the ignition switch is turned off and the negative (-) battery terminal cable is disconnected.

SRS parts are equipped with a backup power source. If work is started within 90 seconds of turning the ignition switch off and disconnecting the negative (-) battery terminal cable, SRS parts may deploy possibly causing serious injuries.

**⚠ WARNING**

Do not install any parts in a location that may interfere with the operation and deployment of the SRS airbags or seatbelt pretensioners, including driver, front passenger and knee SRS airbags if fitted. Doing so may result in serious injury or death.

**PREPARATION**

- Follow all standard workshop and occupational health and safety practices during the installation process.
- Check and note any existing marks or damage to the vehicle.
- Before starting the installation thoroughly read through these installation instructions then follow the fitting sequence as described.
- Check that the UHF CB transceiver kit is complete.
- Take all possible precautions to avoid damaging the vehicle's interior and exterior during the installation. Use protective tape on parts and tools where necessary.
- To avoid damage to the wiring harness and antenna cable, avoid contact with sharp edges. Cable tie securely every 200 mm.
- Ensure all removed parts are re-fitted correctly.

**SPECIAL TOOLS**

- Trim removal tools
- Protective tape
- Lead wire

**PARTS LIST - UHF CB TRANSCEIVER KITS**

Model	UHF CB Transceiver Kit	Fitting Kit Part Number
LAND CRUISER 200	UH9000S	UNIFK001
	UH9060S	
	UH9080S	

**PARTS LIST - ANTENNA**

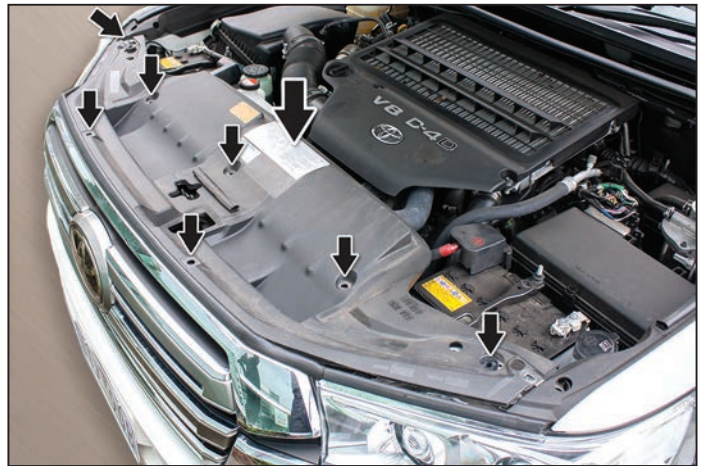
Model	Antenna Part Number	Description
LAND CRUISER 200	AT970BKTWIN	Antenna Dual Whip Black
	AT970WTWIN	Antenna Dual Whip White
	AT970BK	Antenna 1200mm Black
	AT970W	Antenna 1200mm White
	AT890BK	Antenna 1000mm Black
	AT890W	Antenna 1000mm White
	AT880TWIN	Antenna Dual Whip Stainless Steel



## REMOVAL

### Removal - Engine Bay

1. Open the bonnet.
2. Remove the radiator shroud (7 scrivenets).  
Push in the centre of the scrivenets and pull up the shroud to remove. Take care to retain all scrivenets.



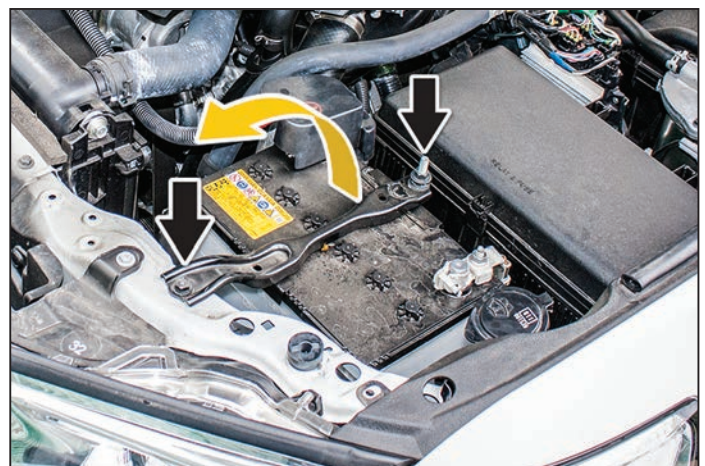
3. Disconnect the (-) negative battery terminal cable.
4. Disconnect the positive (+) terminal cable.



5. If an auxiliary battery is fitted Disconnect the auxiliary (-) negative battery terminal cable .



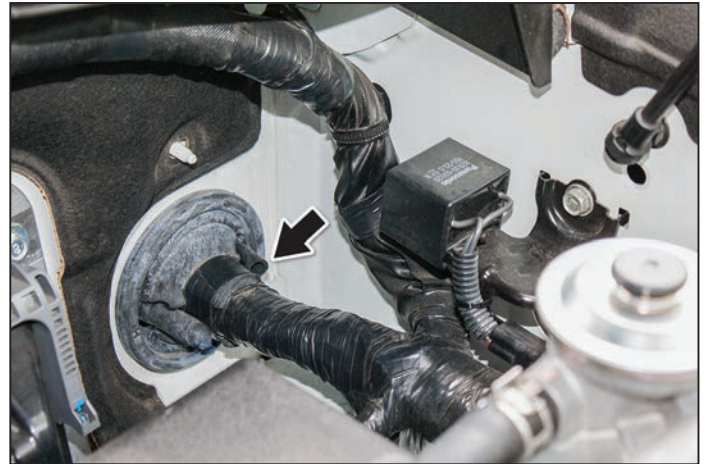
6. Remove the battery retaining bracket and hook.
7. Remove the battery and store safely.







8. Cut the outer tang off the firewall grommet where indicated.

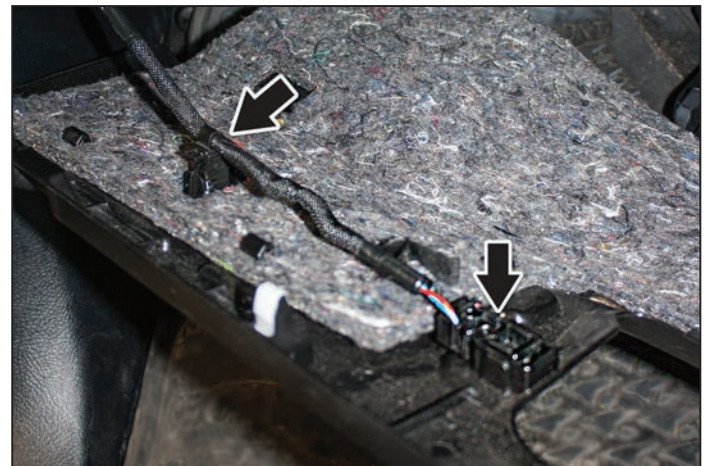


**Removal - Interior**

1. Remove the front passenger's side instrument panel under cover sub-assembly.  
Use a screwdriver to release the (4) clips. Partially pull away.



2. Unclip the harness and harness connector (if fitted).

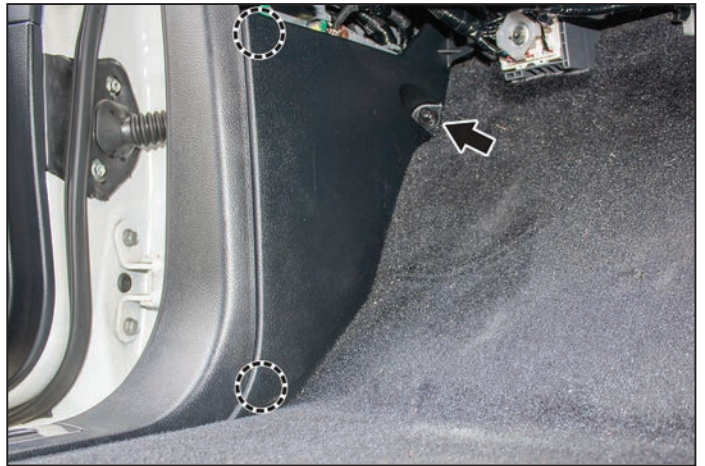


3. Pull back the front passenger's side scuff plate.





4. Remove the front passenger's cowl side trim board (1 screw and 2 clips [○]).  
Prise off carefully at retaining clip locations to avoid damaging the clips and panel.



5. Remove the passenger's side instrument panel finish cushion (7 clips [○]).  
Place protective tape around the instrument panel finish cushion and prise off carefully at retaining clip locations using trim removal tool to avoid damaging the clips and panel.







6. Remove the driver's side instrument panel finish cushion (7 clips [⊙]).  
Place protective tape around the instrument panel finish cushion and prise off carefully at retaining clip locations using trim removal tool to avoid damaging the clips and panel.



7. Place protective tape along both sides of the centre console. Using a trim removal tool carefully prise down from the top of the rear console end panel sub-assembly to unclip and expose the rear power socket wiring.



## INSTALLATION

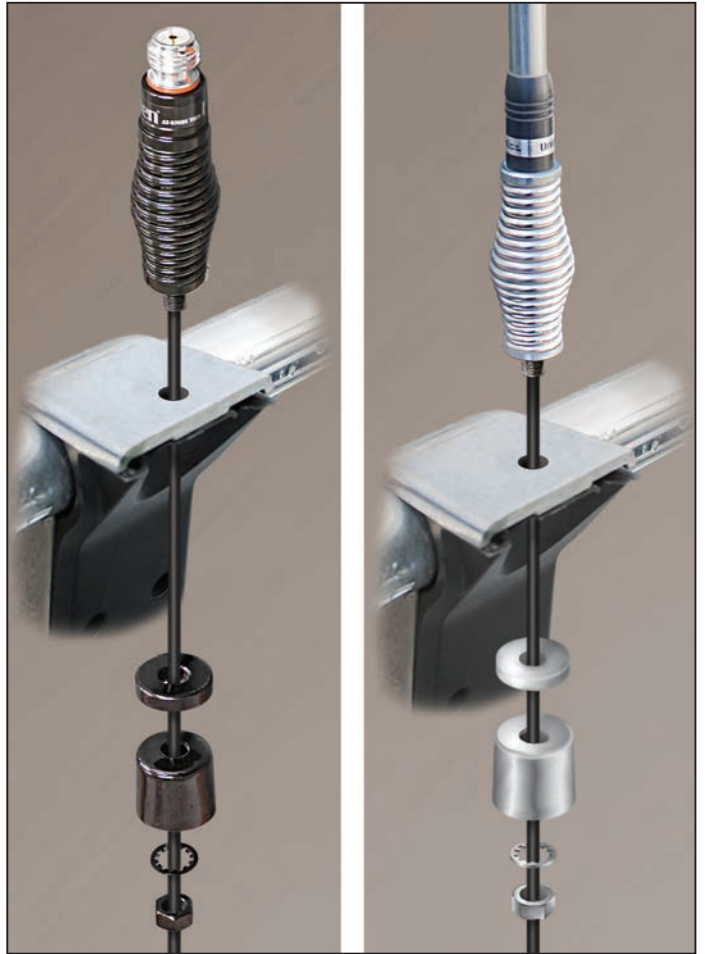
### Antenna

1. Remove the hex capscrew and nut from the left hand side bullbar mount.





2. Remove the sleeve, spacer washer, lock washer and nut from the antenna.
3. Pass the antenna cable through the antenna mounting hole.
4. Secure the antenna to the mount using the sleeve, spacer washer, lock washer and nut. Tighten securely.



### Antenna Cable

1. Pass the antenna cable through the radiator grille opening in the location as shown.



2. Route the cable through the radiator support panel opening as shown.



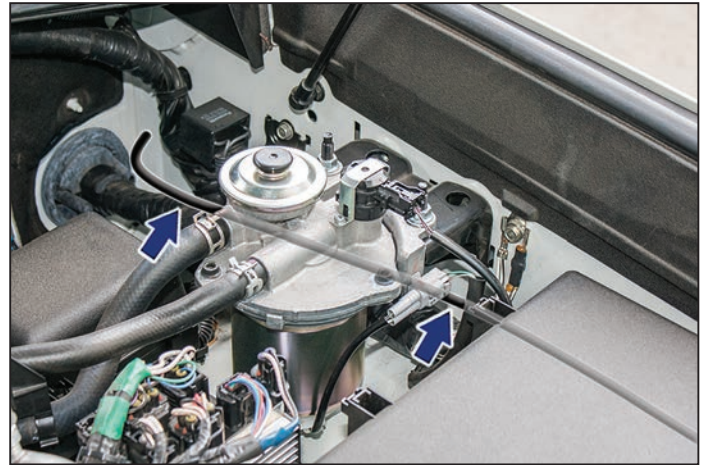




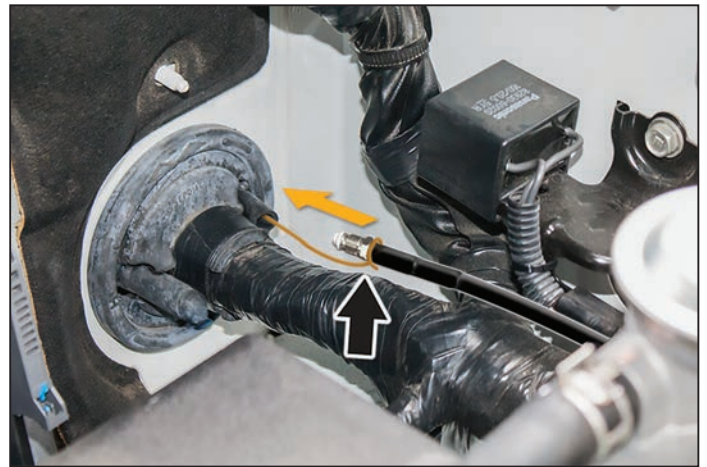
3. Follow the existing wiring harness passing the antenna cable through the (2) existing wiring harness clips.
4. At the completion of the installation, cable tie the antenna harness to the existing wiring harness where indicated [↑].



5. Route the antenna cable between the fuse and relay box and the inner quarter panel, below the fuel filter assembly (if fitted) and mounting bracket and follow the existing wiring harness to the firewall grommet.
6. At the completion of the installation, cable tie the antenna cable to the existing wiring harness where indicated [↑].



7. Pass a lead wire through the cut firewall grommet opening to the passenger's side footwell.  
Attach the antenna cable to the lead wire.



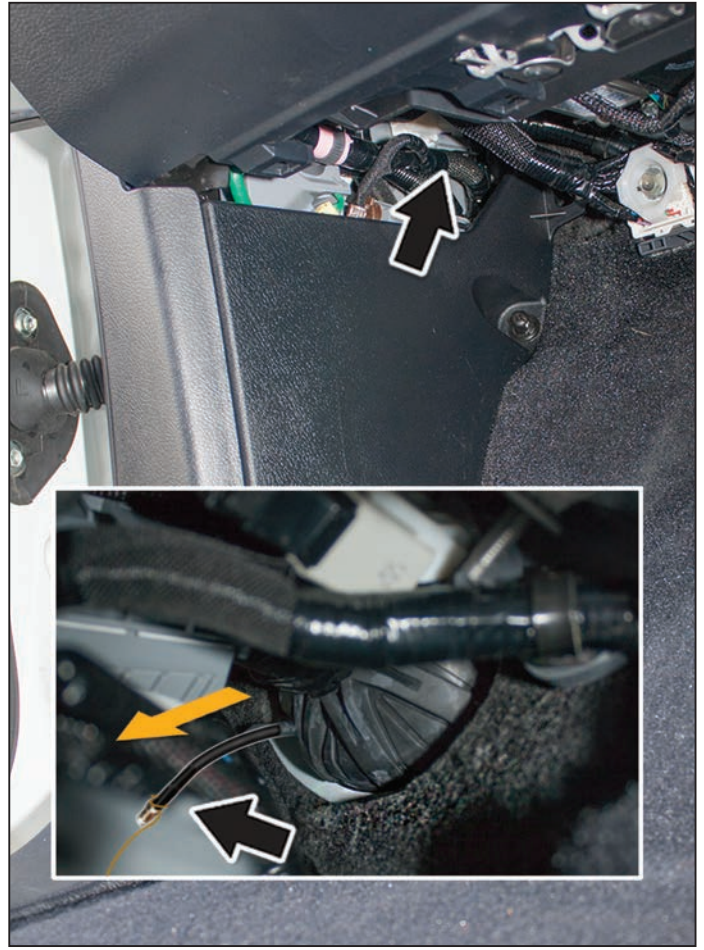


8. Carefully pull the lead wire and antenna cable through from the passenger's side footwell.

**⚠ IMPORTANT**

Use silicon spray to allow the antenna cable to pass through the grommet more easily.

At the completion of the installation process seal the antenna cable grommet entry point with an automotive grade sealant and secure with a cable tie.



**UH9000S**

9. Disconnect the lead wire and route the antenna cable behind the centre console towards the driver's side footwell.



10. Pull the antenna cable through to the driver's footwell.

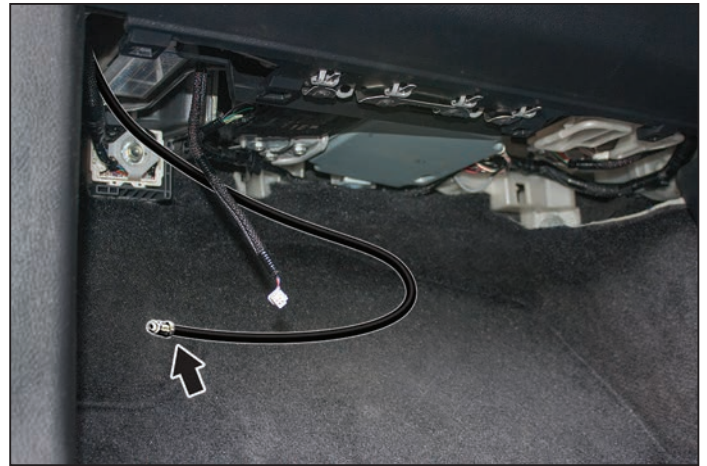






**UH9060S / 9080S**

9. Disconnect the lead wire and pull the antenna cable through to the passenger's side footwell.

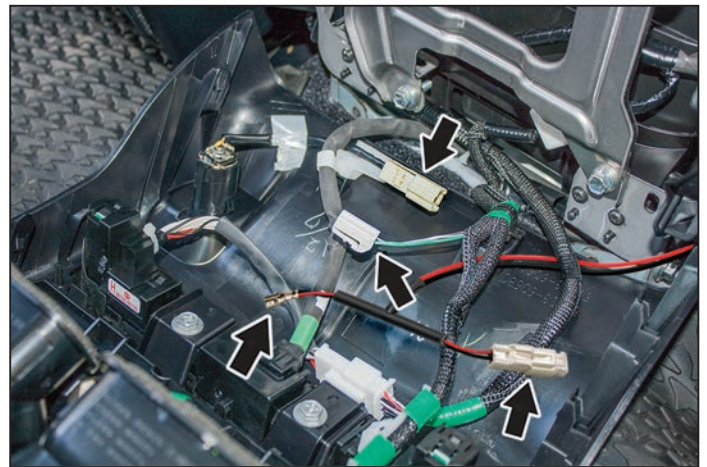


**Power Lead Patch Harness - UH9000S**

1. Route the power lead patch harness from the driver's side footwell, behind the bottom edge of the console box assembly to the rear power socket connector.

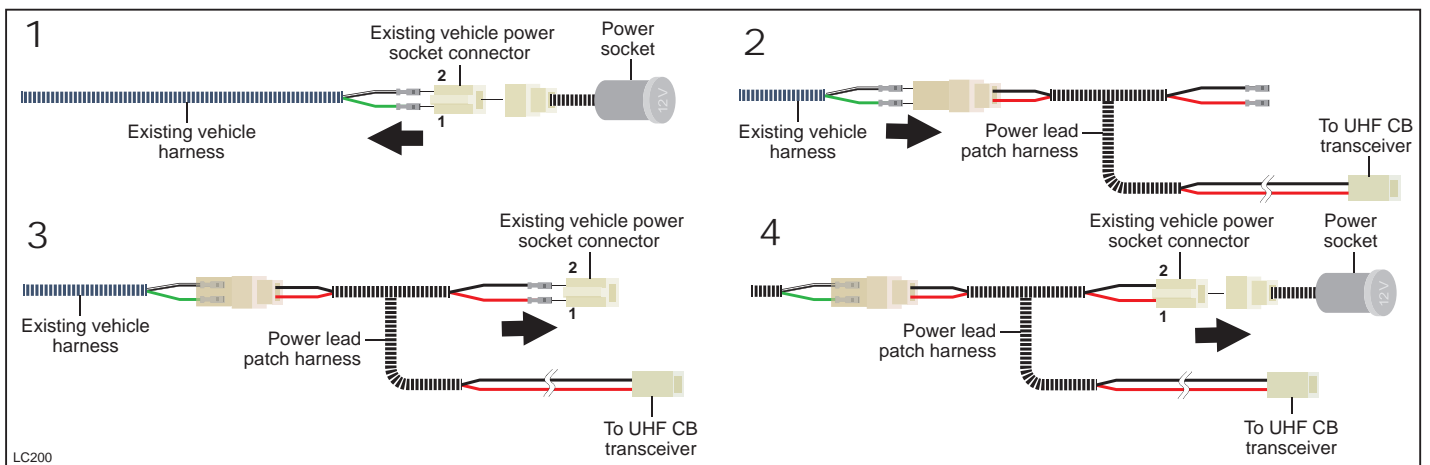


2. Disconnect the rear power socket connector and dehouse the (2) connector pins from the rear power socket connector [1].
3. House the (2) removed pins in the free power lead patch harness connector [2].
4. House the (2) free power lead patch harness pins into the existing rear power socket connector [3].
5. Connect the existing rear power socket connector to the rear power socket [4].



**⚠ IMPORTANT**

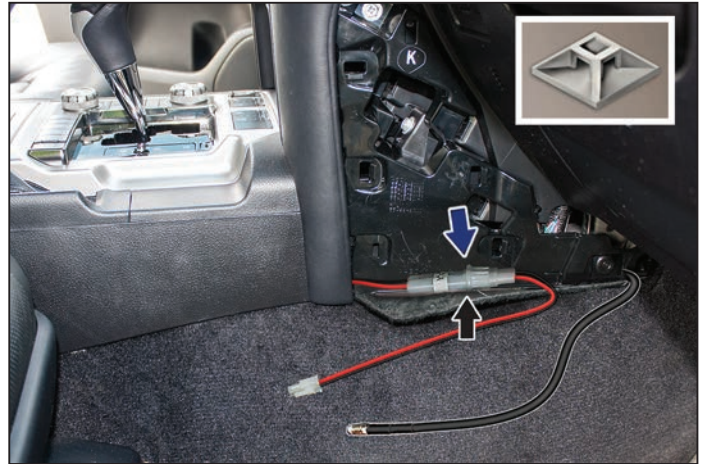
6. Refer to the following diagram for wiring details.



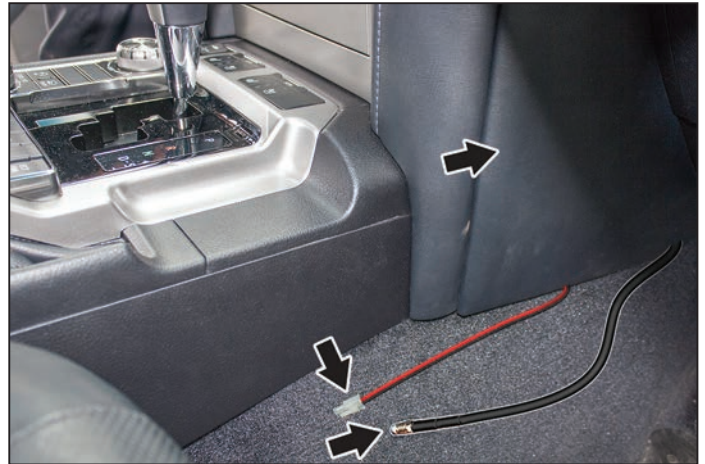




7. Position the power lead patch harness fuse holder/s neatly behind the driver's side instrument panel finish cushion and carpet. Cable tie [↑] using self-adhesive cable tie mounting blocks where necessary to avoid fouling and rattling.

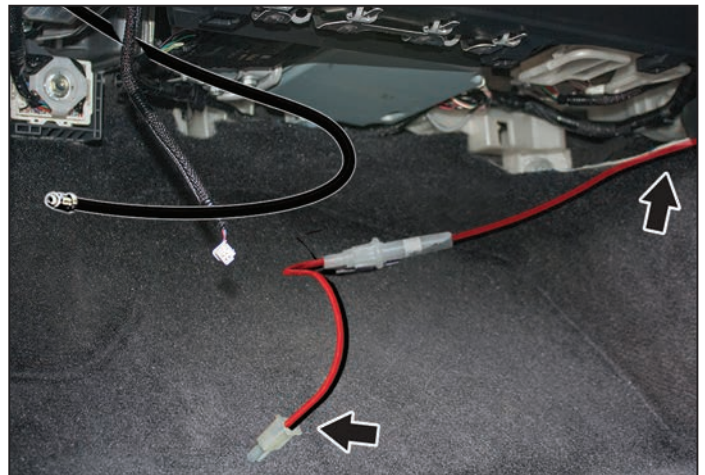


8. Refit the driver's side instrument panel finish cushion leaving the UHF CB transceiver power lead patch harness and antenna cable trailing below the panel.



#### Power Lead Patch Harness - UH9060S / UH9080S

1. Route the power lead patch harness from the left hand side of the passenger's side footwell, behind the bottom edge of the console box assembly to the rear power socket connector.



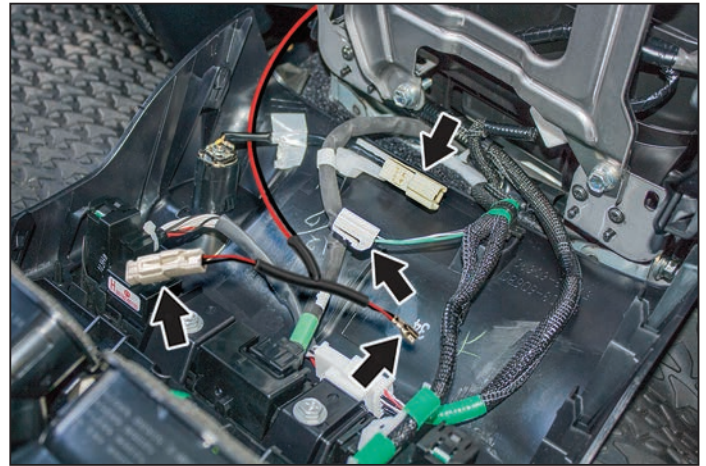




2. Disconnect the rear power socket connector and dehouse the (2) connector pins from the rear power socket connector [1].
3. House the (2) removed pins in the free patch harness connector [2].
4. House the (2) free patch harness pins into the original rear power socket connector [3].
5. Connect the original rear power socket connector to the rear power socket [4].

**⚠ IMPORTANT**

Refer to the diagram on page 11 for wiring details.



**UHF CB Transceiver Cradle and Radio UH9000S**

1. Using a suitable primer clean the console box at the cradle mounting location.
2. Fit the UHF CB transceiver cradle to the console box assembly as shown using the double sided tape provided. Trim double sided tape to suit.
3. Carefully drill (2) 1.5 mm pilot holes at the mounting locations shown.

**⚠ WARNING**

To avoid damage use a 10 mm drill stop.



4. Secure the cradle using (2) self tapping screws.

**⚠ WARNING**

Fitting the UHF CB transceiver cradle and radio in this location will interfere with the full range of seat movement. If the indicated location is not suitable, do not install the UHF CB transceiver cradle and radio in a location that may interfere with the operation and deployment of the SRS airbags or seatbelt pretensioners, including driver, front passenger and knee SRS airbags if fitted. Doing so may result in serious injury or death.

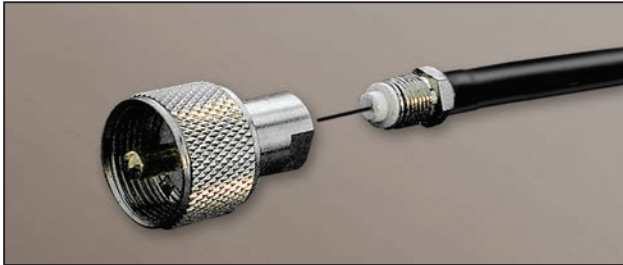


5. Assemble the (2) slide mount brackets to the UHF CB transceiver using the (2) screws supplied.





6. Slide the UHF CB transceiver into the cradle and connect the power lead patch harness.
7. Fit the antenna adapter (supplied) to the antenna cable and connect to the UHF CB transceiver.



### UH9060S / UH9080S

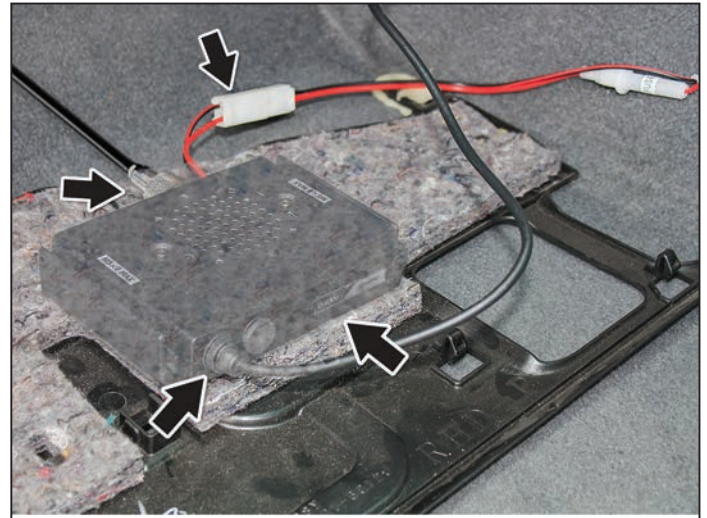
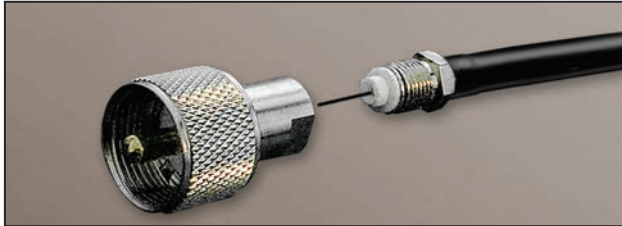
1. Fold back the insulation padding from the underside of the front passenger's side instrument panel under cover sub-assembly. Secure the UHF CB transceiver cradle in the position shown using the double sided tape provided. Trim double sided tape to suit.
2. Assemble the (2) slide mount brackets to the UHF CB transceiver using the (2) screws supplied.



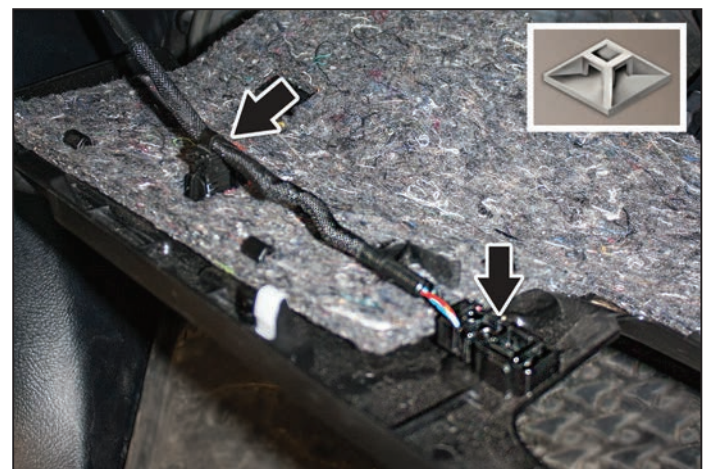




3. Slide the UHF CB transceiver into the cradle and connect the power lead patch harness.
4. Fit the antenna adapter (supplied) to the antenna cable and connect to the UHF CB transceiver.
5. Connect the speaker microphone extension cable to the UHF CB transceiver and route behind the carpet line, behind the centre console to the driver's side footwell.
6. Position the connector below the driver's side front console box insert as shown.



7. Neatly cable tie the excess antenna cable and power cable to avoid rattling and fouling. Use self-adhesive cable tie mount blocks where necessary.
8. Reconnect the harness clip and harness connector (if fitted).



9. Refit the front passenger's side instrument panel under cover. Ensure the UHF CB transceiver is clear of any components.

**⚠ WARNING**

If the indicated location is not suitable, do not install the UHF CB transceiver cradle and radio in a location that may interfere with the operation and deployment of the SRS airbags or seatbelt pretensioners, including driver, front passenger and knee SRS airbags if fitted. Doing so may result in serious injury or death.







### Speaker Microphone Hanger

1. Using a suitable primer clean the instrument panel at the hanger mounting location.
2. Assemble the (2) halves of the speaker microphone hanger using the (2) nuts and screws supplied.
3. Secure the microphone hanger to the driver's side lower instrument panel pad sub-assembly in the position shown using double sided tape provided. Trim double sided tape to suit.



### Speaker Microphone

#### UH9000S

1. Hang the speaker microphone on the hanger and connect the cable to the UHF CB transceiver. Ensure the speaker microphone cable routing does not interfere with any of the vehicle's controls.



#### UH9060S / 9080S

1. Hang the speaker microphone on the hanger and connect the cable to the speaker microphone extension cable. Ensure the speaker microphone cable routing does not interfere with any of the vehicle's controls.



### ⚠ WARNING

If the indicated location is not suitable, do not install the hanger and speaker microphone in a location that may interfere with the operation and deployment of the SRS airbags or seatbelt pretensioners, including driver, front passenger and knee SRS airbags if fitted. Doing so may result in serious injury or death.

### COMPLETION

### ⚠ IMPORTANT

1. Ensure the interior wiring and any excess antenna cable is positioned to avoid fouling and rattling (cable tie as required at a minimum of every 200 mm. Use self-adhesive cable tie mounting blocks where necessary).
2. From the engine bay side, seal the antenna cable grommet entry point with an automotive grade sealant and secure with a cable tie.
3. Neatly cable tie the antenna cable to the existing engine bay wiring harness where indicated to avoid fouling, rattling or a possible rubbing condition.
4. Refit all remaining interior and exterior parts previously removed.
5. Check UHF CB transceiver operation.

