

29-712

Range Rover Sport SWC interface with screen retention

InCarTec



29-712 is a special interface to operate the audio steering wheel controls in a Range Rover Sport/Discovery III and also keep the use of the top navigation/vehicle display screen by relocating part of the original head unit.



Strip down the original head unit following the instructions over-leaf.

Connect the original head unit to the connector on 29-712 and put in place down the dashboard, bottom of centre console between the air vent ducts. Use tape or foam to secure in place.

Extend the fibre optic cable to the original head unit using the extension supplied with this interface.

Connect the patch lead for the steering controls to the interface 29-712 and to the back of the new head unit.

Connect the loose red wire to an ignition power supply. We recommend using the cigar lighter socket or find an ignition feed from the fuse box. A CAN ignition interface can also be used.

Connect the 29-712 to the ISO connectors on the head unit.

At this point the amplifier bypass cable 20-308 will also need to be connected to the speaker ISO on the head unit. If you are bypassing the amplifier do not connect the speaker ISO from the 29-712. The power cable on part 20-308 does not need to be connected. The original amplifier needs to stay in place, powered and connected to the fibre optics.

Test before installing the new head unit.

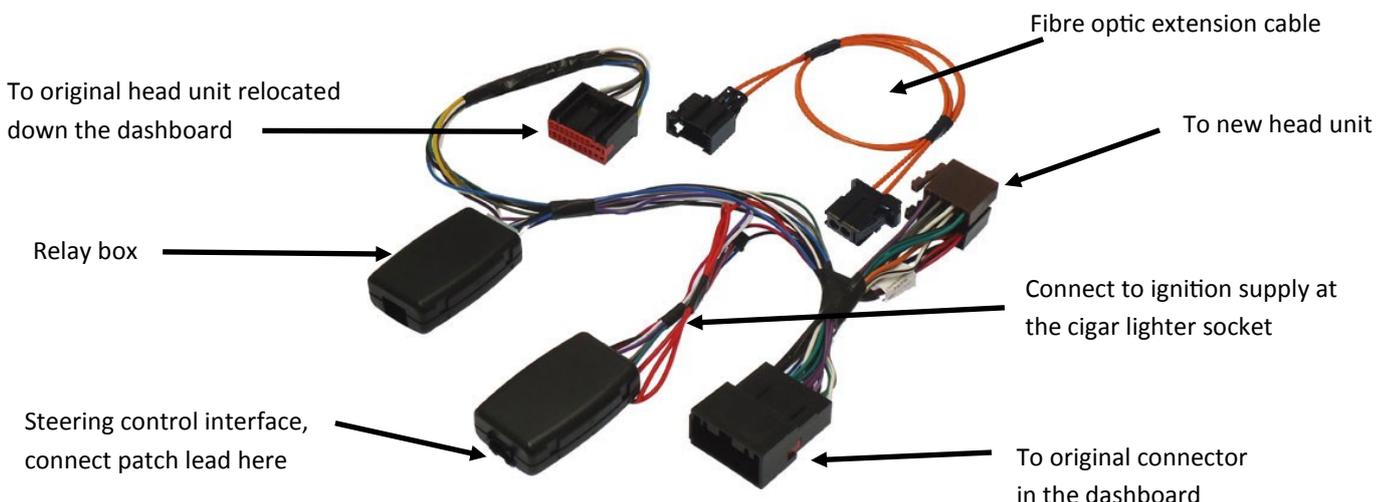
-check that the settings screen on the instrument cluster can be accessed. This can only be accessed while the new head unit is off. Note; updating the time can only be done with the original head unit, to reset the clock disconnect the battery at midday to set the time to 12:00.

-check the navigation screen can be accessed and is working. If the screen turns on but does not go past the Landrover logo check the fibre optic network for continuity. Also check the original amplifier is powered.

-check the functionality of the steering control interface.

-check that the small display screen on the instrument cluster can be operated from the steering wheel controls. The new head unit needs to be turned off so that the steering controls can control this display.

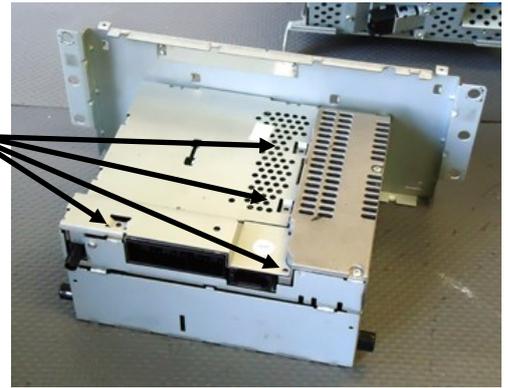
Connect the 29-712 to the original harness and fit the head unit into place.



The original head unit needs to remain connected to the audio system in order to retain the use of the navigation and vehicle information screen.

The original head unit is a large unit, these instructions are a guide to how to strip the unit down to just the component layer that is required so it can fit easily behind the dashboard.

Undo the screws to remove the top lid.



Unclip the ribbon cables.

Remove the radio button panel.

There are four screws, two at the top and two at the bottom.

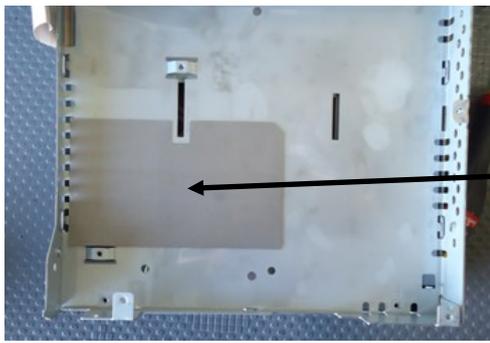
Undo the screws on the heat sink and undo the screws on the circuit board.

There is also a screw by the antenna connector.

Turn the locking key to release the board.



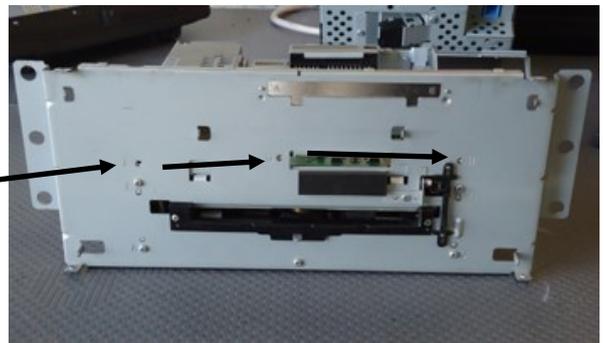
Remove the circuit board.



Undo the screws below the circuit board.

Make sure the insulating sheet stays in place.

Remove the circuit board tray.



Undo screws F, G and H

Refit the circuit board into the tray and refit the heat sink and lid.

