



When the original radio is removed on a Nissan Elgrand E51 with Carwings, the top screen that displays the climate control information and the reverse cameras stops working.

Part number 29-745 Retains the steering wheel controls and contains a breakout cable to retain the PCB of the original radio to maintain the use of the top screen. Momentary switch (part 20-221) will need to be used to switch between rear and side cameras.

INSTALLATION:

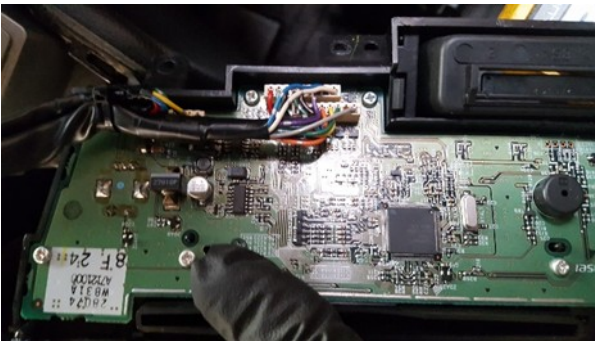
We recommend professional installation of this product.

The OEM radio is split into two different PCBs, the Carwings section with a 16 pin connector at the top and the original head unit below. Only the original head unit needs to be retained as this sends the video feed to the top screen.

Having removed the radio, strip it down, unscrewing it from the fascia panel, and remove the round knobs - these are useful in making a blanking panel for the 50-669 fascia.



The original head unit can be hidden in the space that is filled by the storage box below the radio. The storage box will need to be modified to hold the head unit and will not be usable for storage any more.



Connect the 20 pin female plug to the cars original wiring and the 20 pin male plug to the old head unit.

Make sure to insulate the original head unit circuit board using a suitable bag or box to avoid damage before hiding it in the dashboard.

Connect the ISO connections and patch lead to the new head unit .

TROUBLESHOOTING:

- Check the 29 series patch lead is pinned correctly and connected to the steering wheel control input of the radio. If using a 3.5mm jack patch lead, make sure it has not been connected to the AUX port by mistake.
- Check the black ground wire with a ring terminal is connected to a ground and making good contact, with no plastic or paint stopping it making a good connection.
- Make sure all connections are secure and if using a universal patch lead (29-025) that the pins have been seated properly.
- Some radios require the grey / green wire in the loom for the 29-745 to be disconnected. A bullet connection has been provided to disconnect this if required.

NOTES ON FITTING KIT FK-669-CWING:

Part 29-745 is most commonly supplied in fitting kit FK-669-CWING. This kit requires some hardwiring to maintain the side view cameras, as well as fabrication of a blanking plate and modification of the original lower storage box.

We recommend professional installation of this product.

FITTING THE FASCIA PANEL ON CARS WITH CARWINGS:

Only the fascia panel 50-669 is available which has openings for climate controls which are not needed as cars with carwings have these located in the panel above the radio.

These openings will need to be blanked off with abs plastic sheet or similar for a professional finish. The knobs from the original radio can be bolted to this blanking panel to fill the round spaces on either side. **A blanking panel must be fabricated and is not supplied.** Once complete the install should look like the image (right).



USING PART 20-221 TO RETAIN SIDE VIEW CAMERAS:

The side view cameras were originally operated with a switch on the carwings panel that is removed to install a new radio.

On the 16 pin connector that originally connected to the carwings panel, identify the Grey and Orange cables. Hardwire part 20-221 to these wires with either crimps or solder.

A hole will need to be made in a suitable location on the dashboard to accommodate the momentary switch which requires a hole diameter of 19mm to fit.

Once fitted, when the reverse camera is showing on the top screen, flicking the switch will swap between the reverse and the side view cameras.



MODIFYING THE STORAGE BOX:

The storage box below the radio needs to be modified to hide the original head unit which is kept to retain the functions of the top screen.

See overleaf for more detail, but how this is modified and the insulation of the original head unit is down to the personal preference of the installer.

