

Conversion of 13 pin and 12N and 12S electrical connections.

From the 2009 model year, NCC Touring Caravan member manufacturers are fitting ISO 13 pin connectors to products in place of the twin plug 7 pin system.

This connector will be new to many customers and they will need advice about how to adapt from one system to the other when purchasing a new car or caravan.

The easiest solution is to have the two 7 pin sockets replaced by a single 13 pin socket on the towing vehicle, as this reduces the bulk of wiring they have to carry and produces fewer mechanical and electrical connections.



Customers will still be able to tow simple trailers after this conversion by using a lightweight adaptor that will power the trailer lighting circuits, other than the reversing light.



If the customer has a twin socket system on the car there are many pigtail adaptors with two leads from the towing vehicle linked at a common 13 pin socket. If your customer opts for this make sure that the 13 pin to 13 pin connector at the caravan end is well secured and supported and not at risk of dragging on the road.



Alternatively, if the customer has a 13 pin tow car connection and needs to tow a caravan with the double 7 pin connection, an alternative adaptor is available. Again, ensure that the cables are well supported and the connections are secure.

Note:

If the customer has a single 12N socket on the tow car there is a simple adaptor which allows the 13 pin connection on the caravan to be used directly. But be aware that these are bulky items which may be too large for some combinations, and the wiring may not be correct internally if they have been manufactured abroad. These connections will **not** power any electrical appliances within the caravan such as the fridge or leisure battery.

These connectors are readily available from NCC supplies and services stockists.

A guidance sheet will be available on the selection and use of 13 pin connectors, adaptors and testers from early September on the NCC website.