

Ryder Towing Equipment Ltd

Supersplice connector TV2086 and Applicator tool TT7052

How it works.

SuperSplice creates a plug-in connection to the wiring loom of the vehicle by attaching a six-way female terminal block to the appropriate wires of the loom.

A mating male terminal block is attached to the relay's signal-in wires.

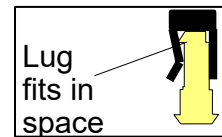
The result is a plug-in connection of the towing relay to the vehicle loom.

The order in which the loom and signal-in wires are connected are matched.

Using the applicator tool

Insert the SuperSplice receptacle into the tool so that the small lugs on one side of the receptacle block are accommodated in the shaped space that you can see on the left side of the front end of the tool when you hold the tool normally.

This holds it firmly in place while the connections are made.



The connector block is connected to the wires of the car's loom as follows.

Present the loom wires, one at a time, to the slots in the connector block and drive them home by squeezing the trigger firmly. Number the slots in the block from the bottom, as seen in the tool, starting with the lowest:

- 1 LH Indicator
- 2 Fog Light
- 4 RH Indicator
- 5 RH Tail Light
- 6 Brakes
- 7 LH Tail Light

Leave out 3 which denotes earth.

Important note: Making the connections

Only try to insert one wire at a time into the SuperSplice receptacle. Each wire requires a force of approximately 16lbs to press it home.

Make sure the tool pushes all the wires fully home into their appropriate slots.

It is advisable not to leave the top space (7) until the last when you are inserting the wires because, with the other wires in place and the slight flexing that occurs as the tool is operated, the travel of the plunger is restricted and the top wire is unlikely to push fully home.

Recommended order of insertion

It is best to insert the first two or three wires into the lowest spaces (1,2,4) then fill the higher spaces in the order 7, 6, 5. This will facilitate the full insertion of all the wires.

Once all the wires have been inserted, slide the black terminal cover over the open ends to secure them.

The plug part of the connector is fitted to the signal-in wires of the towing relay. The order of connection, starting at the left with the screw terminal holes facing, is:

- | | | |
|---|---------------|--------|
| 1 | LH Indicator | Yellow |
| 2 | Fog light | Blue |
| 4 | RH Indicator | Green |
| 5 | RH tail light | Brown |
| 6 | Brakes | Red |
| 7 | LH tail light | Black |

The earth wire (White) from the relay is connected to the chassis in the usual way.

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Directors: D. Ryder. J. Spencer. Reg No. 2222509

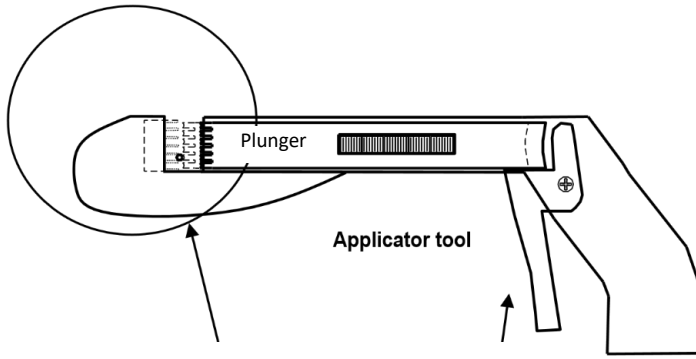
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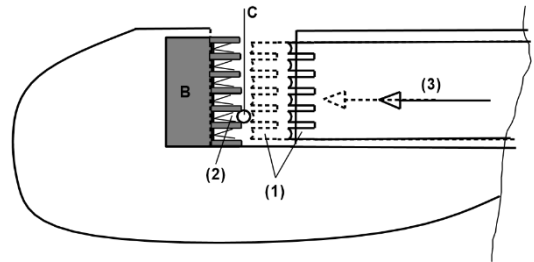
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Using the TT7052 Super Splice Tool



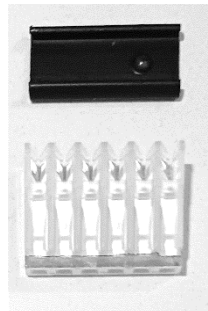
Super-splice connector block held in tool



In the diagram above
C is a wire.
1 is one of the plunger teeth
2 is one of the slots in the terminal block
3 is the plunger



Terminal block held in tool,
yellow wire already



TV2086 Female Terminal
block and cover



TV2086 Male
terminal block

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