

## SPECIFICATION SHEET

Trig wiring harnesses are designed for home builders and those who can certify their own installation who are looking for an easy installation path.

The wiring harnesses come in the following configurations:

| <u>Part Number</u> | <u>Description</u>  |
|--------------------|---|
| 01987-00           | TY91/TY92 - radio wiring harness short (1 metre)                              |
| 01988-00           | TY91/TY92 - radio wiring harness long (3 metre)                               |
| 01989-00           | TT21/TT22 - transponder wiring harness short (1 metre)                        |
| 01990-00           | TT21/TT22 - transponder wiring harness long (3 metre)                         |
| 01991-00           | TT21/TT22 - transponder wiring harness short - includes TN72 wiring (1 metre) |
| 01992-00           | TT21/TT22 - transponder wiring harness long – includes TN72 wiring (3 metre)  |

| <b>Part Number</b> | <b>TY91/92 to TC90</b> | <b>TY91/92 to all other connections</b> |
|--------------------|------------------------|---|
| <b>01987-00</b>    | 100 cm                 | 300 cm                                  |
| <b>01988-00</b>    | 300 cm                 | 300 cm                                  |

| <b>Part Number</b> | <b>TT21/22 to TC20</b> | <b>TT21/22 to TN72</b> | <b>TT21/22 to all other connections</b> |
|--------------------|------------------------|------------------------|---|
| <b>01989-00</b>    | 100 cm                 | N/A                    | 300 cm                                  |
| <b>01990-00</b>    | 300 cm                 | N/A                    | 300 cm                                  |
| <b>01991-00</b>    | 100 cm                 | 100 cm                 | 300 cm                                  |
| <b>01992-00</b>    | 300 cm                 | 300 cm                 | 300 cm                                  |

## INSTALLATION GUIDE



With the Trig units fixed in place, run the harness along its intended routing. Make sure that this routing will not cause any chafing of the cables and will not interfere with any of the aircraft controls or any other systems.

Try to avoid routing the wiring near any antenna cables, especially the transponder or any wiring associated with high power or pulsing devices (alternator, strobe light, etc). If you must cross these cables, try to do so at an angle of 90 degrees.

Once in position, secure the wiring to the aircraft structure using aviation approved ties or string.

Terminate the ground connections on a suitable grounding point using a crimp or screw terminal. Terminate the power supply connections via the correct rated circuit breaker as specified in the installation manual.

Any unused connections must be either trimmed or tied back and any exposed wire covered with suitable insulating tape or terminated to prevent shorts.

For radio wiring, ensure that the sockets for the microphone and headphones are electrically isolated from the panel using bushes or washers.

Connect the D Type connections to the units, hand tightening the securing screws.

## TRIG WARRANTY

# TRIG

Trig Avionics Limited warranty runs for a two-year period, starting from the date of installation.

This warranty covers repair and/or replacement at our option, of any parts found to be defective, provided such defects in our opinion are due to faulty material or workmanship and are not caused by tampering, abuse, or normal wear.

Our terms are as per FCA and require customers to cover shipping costs to Trig Edinburgh, or our other associated Trig Service Centres. Trig will then cover the costs of shipping to return the customer's item.

Trig Avionics Limited will not accept or pay for any charges for warranty work performed outside our factory without prior written consent.

This warranty applies only to products in normal use. It does not apply to units or circuit boards defective due to improper installation, physical damage, tampering, lightning or other electrical discharge, units with altered serial numbers or units repaired by unauthorized persons or in violation of Trig Avionics service procedures.

Trig Avionics Limited assumes no responsibility for any consequential losses of any nature with respect to any products or services sold, rendered, or delivered.

# TRIG

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Thank you for purchasing Trig's wiring harness.

This pack contains installation information, support and warranty information. The installation manual for your avionics should also be fully read before commencing installation work.

All our avionics are thoroughly tested prior to dispatch and are designed to provide years of trouble free service. To access technical support for your Trig Avionics product you should first contact your Approved Trig Dealer.

If you have any further technical questions, then please access your closest Trig Service Centre through the Support section of our website.

[www.trig-avionics.com/support/](http://www.trig-avionics.com/support/)

Thanks,

The Trig Team.

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