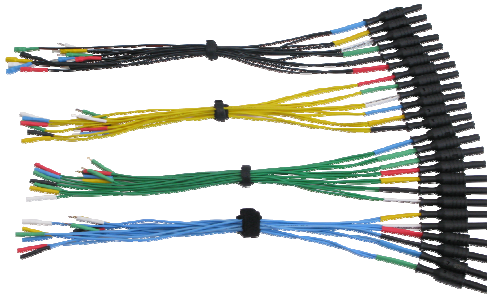




Universal Breakout Leads

User's Guide



Please read this leaflet.
It contains important
safety information.

Issue record:

1. 13.1.06 Written by JB
2. 25.1.06 New logo & font
3. 29.5.08 New address
4. 30.4.09 Added TA063

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Introduction

Thank you for purchasing a Universal Breakout Lead from Pico Technology.

This guide is for use with the following products:

Order code	Part number	Description
PP324	TA024	Small 6-way Universal Breakout Lead (1.5 mm)
PP325	TA025	Medium 6-way Universal Breakout Lead (2.3 mm)
PP326	TA026	Large 6-way Universal Breakout Lead (2.8 mm)
PP327	–	6-way Universal Breakout Lead Kit (small, medium & large)
PP609	TA063	Micro 6-way Universal Breakout Lead (0.65 mm)

Connecting the Pico Universal Breakout Leads



Please read these instructions before using the breakout lead. Pico Technology takes no responsibility for any damage caused by incorrect use. These leads are designed to be used by experienced or professional automotive vehicle technicians who understand the consequences of incorrect use.

It may be possible to cause a short circuit to the oscilloscope unit if incorrect connections are made! A short circuit could seriously damage the unit and will require it to be repaired at the customer's own cost.

- Ensure that the ignition is switched off before removing any multiplugs
- When removing a multiplug, keep the plug straight. Do not twist the plug out of alignment with its mating half.
- Always connect both male and female terminals
- You may connect just one end of the lead to the component terminals if carrying out a resistance test. Ensure the ignition is switched off during this test.
- Ensure that each colour-matched pair of wires in the test lead is used to connect matching terminals in the male and female plugs
- Remove any unused test leads from the bundle. Do not leave them attached but used, as they could cause a short circuit or be damaged.
- Always ensure that the terminals are correctly located
- Keep test leads away from hot components, such as the exhaust system
- Keep test leads away from moving parts, such as the alternator drive belt
- Keep test leads away from electrical cooling fans

It is recommended that the oscilloscope always has an earth (ground) connection to the unit on one of the channels. The remaining BNC connection(s) can then be used to probe the breakout lead, using a TA000 automotive test lead.

Notes



Made in the United Kingdom

