

PRODUCT RELEASE

Product Information Bulletin No:

1630 – ARB BASE Rack Wiring

Date:

October 2021

Description:

ARB BASE Rack

Application:

BASE Rack Wiring & Spare Parts

Part No.

Refer tables

Barcode:

Refer tables

Product Group:

178 – Accessories ARB Extruded Racks

698 – Roof Rack Spare Parts

Availability Date:

In Stock



Traditionally wiring for accessories fitted to roof racks has involved wiring going up windscreens, up out of B pillar door gaps and the like. As part of the ARB BASE Rack development ARB's engineers have developed a wiring solution to neatly get wiring from inside the vehicle through the vehicle or canopy roof.

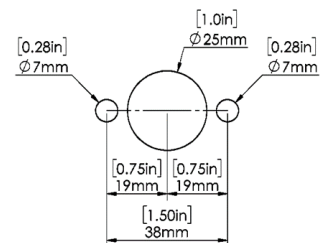
Two wiring kits have been developed. One kit is pre-wired with 6 wires (3 circuits) preinstalled to ensure sealed wiring. The second kit has provision for 6 wires allowing differing wiring depending on customer requirements.

Key criteria during development included:

- Sealed wiring solution for passing wires through a vehicle roof
- Seamless integration with ARB BASE Rack
- Exit grommets to fit standard 10mm (3/8") and 13mm (1/2") OD conduit sizes
- High quality automotive wire to JASO standards (PN 1780400 only)
- Free from liquid adhesives
- Disconnection kit to reseal roof exit points when rack is removed (PN 1780620)

Fitting of the wiring kits requires 2 x 7mm (0.28") and 1 x 25mm (1.0") holes to be drilled in the vehicle or canopy roof. The 25mm hole is suitable for Deutsch DT-02 connectors to pass through. Mount location for popular vehicles has been developed allowing for side curtain airbags and other obstructions where necessary.

ARB BASE Rack spare parts have been set up in various kit functions to enable easy identification and spare part ordering. Please refer to the following pages for spare part number information.



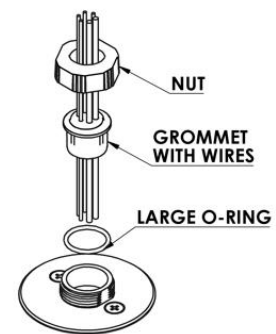
Part Number details

PART NUMBER	DESCRIPTION	PRODUCT GROUP	BARCODE	SHIPPING WEIGHTS & DIMENSIONS
1780400	BASERACK WIRING KIT PREWIRED 3 CIRCUITS	178	9332018077103	380x100x100mm (15x4x4") 0.8kg (1 ¾ lb)
1780410	BASERACK WIRING KIT NO WIRES PROVISION FOR 6 WIRES	178	9332018077110	380x100x100mm (15x4x4") 0.25kg (1/2lb)
1780620	WIRING REMOVAL/RESEALING KIT	178	9332018083555	100x40x90mm (4x1x3.5") 0.05kg (1.75oz)

Pre-Wired 3 Circuit Kit - PN 1780400

The 1780400 kit includes:

- Rubber outer boot with 300mm sheath
- Roof grommet with bonded wires. 4.0m is provided for outside vehicle roof and 2.5m provided for within the vehicle
 - Red and Red/Black 2.0mm² (25A)
 - Green and Green/Black 0.5mm² (11A)
 - Yellow and Yellow/Black 0.5mm² (11A)
- BASE Rack entry grommet
- BASE Rack exit grommet
- Direct exit grommet
- Fasteners
- Cable ties and edge clips



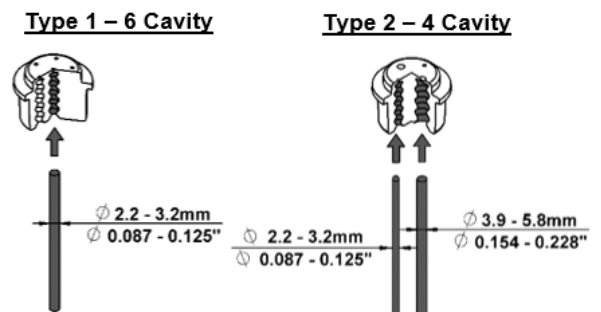
Non Wired Kit Wiring Provision - PN 1780410

Two seal types have been developed to suit different customer wiring requirements.

- Type 1 supports up to 6 x 2.2-3.2mm (0.087-0.125") wires
- Type 2 supports up to 2 x 2.2-3.2mm (0.087-0.125") plus 2 x 3.9-5.8mm (0.154-0.228") wires

The 1780410 kit includes:

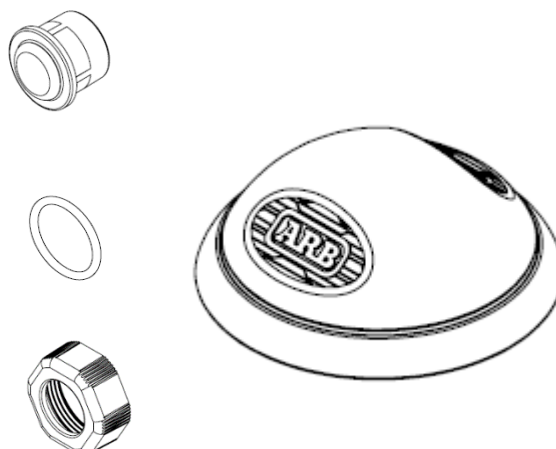
- Rubber outer boot with 300mm sheath
- BASE Rack entry grommet
- BASE Rack exit grommet
- Direct exit grommet
- Fasteners
- Cable ties and edge clips



BASE Rack Wiring removal and resealing kit – PN 1780620

A resealing kit has been developed under PN 1780620 for when the rack or wiring needs to be removed. The kit includes:

- Boot cover moulding
- Rigid moulding insert blank
- Wiring grommet nut
- O-Ring



To use, wiring will need to be disconnected within the vehicle, rubber boot and nut removed from outside the vehicle roof and wiring pulled through the wiring base installed in the vehicle roof. The 1780620 kit is then installed with O-Ring, grommet and nut installed to the roof mounted base. This is then capped off with the cover boot for a neat and sealed finish.

BASE Rack Wiring Spare Part Number Details

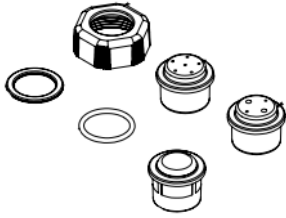
All BASE Rack Spare Parts are in Product Group 698 Roof Rack Spare Parts. Note that not all BASE Rack wiring components are available as an individual spare part but have been sets up as spare part kits where applicable.

Please contact you state office for full pricing details.

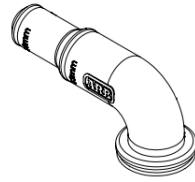
PART NUMBER	DESCRIPTION	BARCODE
6980310	WIRING SPARE INSERT KIT	9332018083562
6980320	WIRING 16MM 90 DEG GROMMET	9332018083579
6980330	CABLE TIE EDGE CLIP PACK OF 10	9332018086716
6980340	WIRING KIT SPARE FASTENER SET NUT PLT 2 X SCREW,O-RING,U-NUT	9332018086720
6980350	WIRING KIT BOOT ENTRY GROMM 1 X BOOT, ENTRY, DIRECT GROMMET	9332018086730
6980360	BASE RACK WIRING EXIT BOOT PAIR OF BOOTS	9332018086747
6980370	BASE RACK WIRING MASTIC SEAL 1 X BUTYL MASTIC SEAL	9332018086754
6980380	BASE RACK WIRING BASE PLATE	9332018086761



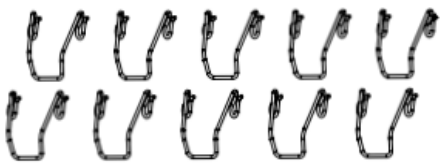
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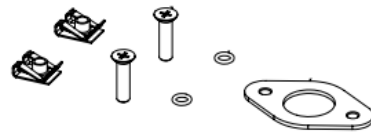
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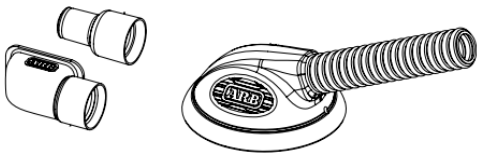
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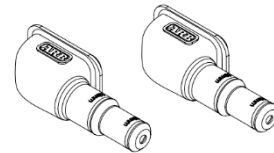
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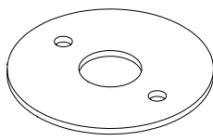
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6980360



6980370



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