



4X4 ACCESSORIES



DATE:

May 2014

DESCRIPTION:

ARB Fridge Freezer Power Accessories

APPLICATION:

Fridge Freezer Product Line

PART NO. :

See Table Page 3

PRICING:

See Table Page 3

AVAILABILITY DATE:

In Stock



PRODUCT SPECIFICATION

DESIGN & DEVELOPMENT:

To compliment the range of ARB Fridge/Freezers, a range of fridge power accessories has been developed to cater for a variety of installation types in modern vehicles and to let the electrical apparatus perform at its best by minimizing voltage drop. ARB's electrical engineers researched various different plug and socket types and put them under test conditions on a vibration table in addition to measuring their inherent voltage drop. The result is a range of ARB tooled products perfectly suited to the ARB fridge and other electrical appliances.

12/24V DC WIRING KIT - 10900027

Consisting of 20ft (6m) of double insulated 8 gauge (6mm) auto cable, pre-assembled with in-line fuse and eyelets (8mm, 5/16") for quick installation onto your battery terminals. Included in this kit are 2 x 1/4" side entry quick-connect terminals and insulators. These terminals (to be soldered at time of installation) are supplied loose to enable the installer to trim the cable to a suitable length and therefore provide the best conditions for the fridge by minimizing voltage drop. The rear terminals of the socket are identified with '+' & '-' for correct installation of the connectors.

This kit is a full solution with the supply of an ARB screw-in surface mount socket kit.
Complete kit is P/No 10900027.



12/24V DC PLUG - 10910076

A new DC plug which will be standard specification within ALL ARB fridges in the very near future.

The DC lead provides for installation into a standard cigarette DC power outlet in a vehicle, ideal for the weekend picnic. For the more adventurous 4WD owner who wants to minimize the voltage drop in the electrical connection and have a secure plug when traversing corrugated roads, the cigarette plug tip can be removed and the special two pin plug can be screwed into the matching ARB power socket for a secure connection. The cigarette end includes a replaceable fuse, while the threaded section has a locating pin to ensure correct polarity.

Note: A 'Merit' style plug end is no longer available, as PN 10910016 is being superseded.

The new DC cord is also available as a spare part (PN 10910076).



ARB THREADED SOCKET AND SURFACE MOUNT - 10900028

A perfect partner for the new Fridge Screw-in DC cord, this threaded socket is supplied with an ARB designed surface mount housing. The housing incorporates features such as wire entry cut outs in three locations, an o-ring seal to reduce chance of water ingress, and includes a path to let the inside breath and reduce condensation.

Fixing of the surface mount housing is completed via 2 molded (not supplied due to variation in surface requirements) or alternately the socket can be removed from the housing and panel mounted in the vehicle with appropriate care to insulate the terminals.

The ARB screw-in surface mount socket kit is P/No 10900028.



Part Number	Description	Retail Price
10910076	DC Cord and Cigarette Plug	\$22.00
10900027	ARB Fridge Wiring Kit and Threaded Socket	\$43.00
10900028	ARB Threaded Socket Surface Mount	\$9.00

COMPATIBILITY TABLE:

When designing the DC fridge cord & plug end, ARB's engineers included protection against reverse polarity and 'shorting/arcing' of the terminals.

The ARB plug has a locating pin, which orientates the terminal polarity. To prevent shorting, the electrical connectors only come into contact once the orientation is correct and the pin is inserted into the recess.

There are similar type connectors on the market, however not all connectors are compatible. Refer table below for recommendations.

Compatibility (Yes/No)	ARB Srew-in Socket	Baintech/Engel Socket	Engel Genuine Socket
ARB Fridge Plug 10910076	Yes	Yes	No- Different Pin Lengths. Loose connection may result

Compatibility (Yes/No)	ARB Fridge Plug	Baintech/Engel Plug	Engel Genuine A Pan Plug
ARB Screw-in Socket 10900028	Yes	No- Locking Collar is too short	Yes