

ROAD ANGEL™

PURE



SMART DRIVERS  
HAVE A  
ROAD ANGEL™



THE SUNDAY TIMES



“ The Pure is a high quality, compact, well designed bit of kit with reliable data and powerful features. It's an excellent all-in-one driver aid for the speed-conscious. ”

For more info visit: [RoadAngel.co.uk](http://RoadAngel.co.uk)

ROAD ANGEL™

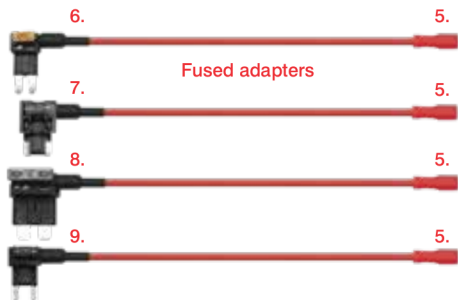
ACCESSORY



5V HARDWIRING KIT  
FITTING INSTRUCTIONS



Main Wiring kit Component



Fused adapters

The Road Angel™ Hardwire Kit is designed for use with Road Angel™ products that require a Micro USB 5V connection. Depending on the device you are using this hardwiring kit with, it will require either a “switched” or “constant” power source. Please see below list as a guide:

- Road Angel™ Pure – Switched Positive
- Road Angel™ Halo Go – Constant Positive
- Road Angel™ Halo Drive – Constant Positive

Alternately refer to the specific device’s user guide regarding power source information.

The hardwiring kit has a built-in low voltage battery cut-off protection circuit (11.6V).

#### Main Components

1. 5V Micro USB Power Connector
2. 12-24VDC to 5VDC Regulator
3. Negative Connection
4. Positive Connection

#### Fuse Connection

5. Connect to Positive Connection (4) on the hardwiring cable
6. Micro2 Fuse - Fuse Tap Connector
7. Mini Fuse Low Profile - Fuse Tap Connector
8. ATO Fuse - Fuse Tap Connector
9. Mini Fuse - Fuse Tap Connector

**STEP 1**

Locate the fuse box within your vehicle (usually within the lower dashboard, boot compartments or in the engine bay) which will have a detailed chart with the fuse layout or check your vehicles operating manual.

**STEP 2**

Use the fuse box chart to pick a fuse which is associated with a function of the device you are using this hardwiring kit with, it will require either a “switched” or “constant” power source.

**Please note: The rating of the ‘original fuse’ that is being removed is no importance to this install.**

**STEP 3**

Select one of the supplied fuse cables that match the fuse requirements of your fuse box (STO/C or Mini).

**The pre-installed 2A fuse in the supplied cable should not be replaced unless damaged.**

**STEP 4**

Removed the fuse from the fuse box and place fuse into spare slot on supplied fuse tap cable.

**Please note: If the original fuse is a low profile Mini type, then a standard mini fuse of the same rating needs to be sourced separately.**

Insert the fuse cable into the fuse box (where the fuse has been removed from).

**STEP 5**

Ensure all excess cable is located out of the way to cause any obstruction to driver and passengers. Connect the USB connector into the device (see user manual of device for optimum installation position). Tuck the power cable neatly under the roof lining, behind the ‘A’ pillar trim and down the side panel towards the foot well position hiding behind all seats where possible to avoid obstruction.

**STEP 6**

Once you have located the power cable close to the fuse box, take the black wire (negative) and find a suitable position to mount the spade connector to the vehicle bodywork (normally a screw or bolt can be removed and then reinserted with the spade connector underneath).

Take the red wire (positive) and connect directly to the red bullet connector of the fuse tap cable you have already inserted into the fuse box.

**STEP 7**

Ensure all excess cables are neatly tucked away and secured to avoid obstruction while operating the vehicle.

Installing the cable needs to be done carefully to avoid damage.

**STEP 8**

A ferrite core is supplied with this kit and can be used to suppress any excess interference which may be heard upon low signal strength FM and DAB stations.

The ferrite core can be clipped around the power cable (positioning will change from vehicle to vehicle).

**DISCLAIMER**

Road Angel Group has made every effort to ensure the information contained in this manual is accurate and reliable. However, the information is subject to change without notice. Road Angel Group assumes no responsibility for any damage or injury resulting from incorrect installation of electric devices or components. Any electrical installation should only be performed by a competent or qualified individual. Working with your vehicle's electrical system can be dangerous both to you and your vehicle.

- Ensure the ignition is off before installing the Hardwire Kit.
- Check the polarity and grounding is correct before confirming installation.
- Avoid using a fuse connection for a safety critical circuit e.g. Airbag.
- Not designed for installation to positive ground circuits.
- Any modifications to the Hardwire Kit and supplied accessories will void the product warranty.

Failure to connect the products stated in these instructions could result in damage and may result in discharge of the vehicles battery which will not be covered under the manufacturer's warranty.

If in any doubt or for more help and guidance on the installation of the Hardwire Kit please don't hesitate to contact our technical helpline 0330 320 3030 or at [roadangel.co.uk](http://roadangel.co.uk)