



NEW

PRODUCT RELEASE

AUTO **ELECTRICAL PRODUCTS**

Brand new to the market is the new Ironman 4x4 DC to DC 40amp boost, 3 stage battery charger. With the new generation of vehicles it is important to ensure that Auxiliary battery charging is managed in a way to maximize the charge. The Ironman 4x4 DC to DC 40 amps chargers uses the latest generation technology producing more power in a much smaller compact unit. The DC to DC charger is able to cope with under bonnet heat, vibration and has a unique heat sink to maximize cooling and maximize efficiencies. This DC to DC charger is encapsulated in a weatherproof polymer.

The Ironman 4x4 DC to DC charger has a remote dash mounted LED to indicate charge status. A fantastic feature is the selectable battery selection with the ability to charge all types of batteries, including FLOODED, AGM, GEL and Lithium. This charger is designed to manage and maximize the charge to your batteries.

Using the boost technology the DC to DC charger boosts the voltage to ensure the batteries are maintained at 100%, making it better for battery life. The boost technology automatically senses for all low voltage alternators, camper trailers, long cable that may incur voltage drops and batteries requiring a high charge.

When combined with our start assist kit below, the maximum output increases up to 80amps. This start assist kit allows you to start your vehicle off the auxiliary battery in a situation where the main battery is flat (e.g. headlights were left on)

40A DC to DC Battery Charger

**80A when combined with Start Assist
Booster Kit (IDCDC40)**



Features:

- 3-stage 12V Booster Charger
- 40A max output
- Selectable output voltages
- Over current and temp protected
- Precise under voltage protection
- No external isolator required
- High efficiency (Typical >96%)
- Remote charge status LED indicator
- Very low standby current <3mA
- Optional start assist and boost charge features increased amperage output to 80A max

Start Assist Booster Kit

**12V Kit to Suit IDCDC40 DC to DC Battery
Charger (IDCDCSA)**



Features:

- Automatic emergency vehicle start.
- Boosts DC to DC charger output to 80amps
- **Start Assist:**
The Start Assist Booster Kit when used in conjunction with the Ironman 4x4 IDCDC40, is an automatic emergency override function allowing

the vehicle to start utilising the auxiliary battery in situations where the main battery is flat.

- **Boost Charge:**
This kit will also double the 40amp output of the Ironman 4x4 IDCDC40. Allowing up to 80amps for the initial fast charge of the auxiliary battery.

**For further information and to find your nearest
Ironman 4x4 distributor, please call 1300 731 137**

www.ironman4x4.com



NEW PRODUCT RELEASE

AUTO ELECTRICAL PRODUCTS

12V Digital Battery Monitor

For Single and Dual Battery Setups
(IDBM001)

Features:

- Can be used on dual or single 12V battery setups
- Easy view voltages of main or auxiliary batteries
- Over and under voltage indicators
- Auto-dimming display
- Mounting kit included



Keep a closer eye on your battery with the new Ironman 4x4 dual battery monitor. The new monitor displays a digital readout for both main and Auxiliary battery, it also shows a bar graph style indicator. To ensure your batteries are healthy the Ironman 4x4 monitor shows if either battery is under charged (11V) or over charged (15V). We have built in an auto dimming feature to ensure this does not bother the driver at night. The monitor can be used with dual or single battery set ups.



Auto Headlight On Kit

Lights on keys on 12V/24V
(IALK001)



Features:

- Lights on when vehicle ignition is switched on.
- 10 second delay at ignition to reduce battery starting load.
- Delay on exit. When the ignition is turned off the lights will stay illuminated for 10 seconds.
- Parking/Tail light functionality.
- Override function.
- Custom delay time and Voltage cutout.

The Ironman 4x4 auto headlights on kit is suitable for 12/24V vehicle systems and autonomously activates the vehicles headlights. Once the key is turned on the lights will come on after a 10 second delay, and will turn off after the key has turned off. This system can be wired into a negatively or positively switch vehicle system. This kit is perfect for vehicles where the headlights can stay on all the time, reducing the chance of a flat battery. There is a built in over ride for when you do want to have the lights on.

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Electric Brake Controller

12V Microprocessor with Remote Head (IEBC001)

The new Ironman 4x4 Electric brake controller is a new generation of brake controller utilising pulse microprocessor based technology. The brake controller features a remote dial control, so the main unit is hidden away under the dash. It is compact, rugged, easy to install and can be mounted on any angle. The new brake controller is easy to adjust and has a manual over-ride function at the touch of your finger. This new system can handle both single and dual axle trailers using negative earth system only.



Features:

- Dashboard LED Indicator
- Easy adjustment dashboard knob
- Convenient override control
- New gen microprocessor based
- Remote hideaway control box
- Mountable at any angle
- Easy setup push button switch
- Compact and rugged housing
- Dual axle capability

Low Water Alarm

For 12V/24V (ILWA001)

The new Ironman 4x4 Low Water Alarm Kit is perfect for anyone doing some remote outback travelling or in fact any driving at all. This new system could be the engine saver in such a case if you damage a cooling system hose or have a coolant leak. With the ability to sense a negative current in the water of the radiator, when the water drops below the probe, an alarm and warning light are activated. This system will be activated prior to movement in your temperature gauge. This kit includes fittings for a plastic header tank and also a metal header tank.

Features:

- Dash warning light and alarm.
- Instant warning of loss engine coolant.
- To suit 12 or 24 volt systems.
- Suits plastic or metal header tanks.
- Includes 2 probes.
- Standard factory temp gauges can fail to register with no water, which may result in engine failure. Using the Ironman 4x4 low water alarm the buzzer and light will come on in this circumstance.



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