

Built to be red!

Introducing new REDARC
52mm gauges

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REDARC



Tailored to meet the requirements of 4WD and camping enthusiasts. REDARC gauges are ideal for monitoring vehicle health like battery voltage, current draw, exhaust gas temperature (EGT), manifold boost and vacuum pressure, oil pressure and a range of temperature applications such as outside, cabin, oil, water, coolant and fridge temperatures.

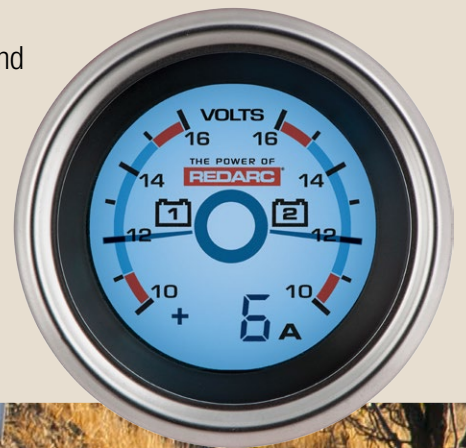
This extensive range of LCD/LED gauges are Australian made and combine dual or triple functions in the one 52mm gauge.

With twelve variants to choose from, each has a choice of thirteen custom backlight colours, programmable alert levels as well as relay output and peak hold functions on all variants except voltage gauges.

Simple to install and operate, REDARC also offer a range of optional sensors, mounting solutions and accessories.

Look at all the benefits...

- Personalise your gauge with custom backlit colours
- Save space with multiple functions in one gauge
- Monitor key functions of your vehicle with advanced information
- Avoid breakdowns and equipment failure
- Designed for Australia's harsh conditions





Single voltage gauge
(optional current display)

Monitor charging performance of either your main or auxiliary battery with an optional Hall effect current sensor.

G52-VA



Dual voltage gauge
(optional current display)

Monitor charging performance of both your main and auxiliary batteries with an optional Hall effect current sensor.

G52-VVA



EGT and boost pressure gauge

Monitor your exhaust gas temperature and manifold boost air pressure.

G52-EB



EGT and boost pressure gauge
(optional temperature display)

Monitor your exhaust gas temperature and manifold boost air pressure. Also supports one of four optional temperature sensors.

G52-BET



EGT and boost/vacuum gauge

Monitor your exhaust gas temperature and boost/vacuum pressure in your manifold.

G52-EU



EGT and boost pressure gauge
(optional current display)

Monitor exhaust gas temperature and manifold boost air pressure with an optional Hall effect current sensor.

G52-BEA



EGT and boost pressure gauge
(optional oil pressure display)

Monitor your exhaust gas temperature and manifold boost air pressure. Supports optional 150psi oil pressure sensor.

G52-BEP



Single temperature gauge
(optional current display)

Measure your oil or engine coolant temperature. Supports optional Hall effect current sensor.

G52-TA



Dual temperature gauge
(optional temperature display)

Measure your oil temperature and engine coolant temperature. Also supports one of four optional temperature sensors.

G52-TTT



Single oil pressure gauge
(optional temperature display)

Monitor your oil pressure. Also supports one of four optional temperature sensors.

G52-PT



Oil pressure and water temperature gauge
(optional temperature display)

Monitor your oil pressure and coolant temperature. Also supports one of four optional temperature sensors.

G52-PWT



Oil pressure and oil temperature gauge
(optional temperature display)

Monitor your oil pressure and oil temperature. Also supports one of four optional temperature sensors.

G52-POT

A gauge for every occasion

Introducing an extensive range of LCD/LED gauges, combining dual or triple functions in one 52mm gauge.



Voltage gauges - G52-VA and G52-VVA

Ideal for a battery system mounted in 4WDs, campers, caravans, motorhomes and similar vehicles, the LCD/LED display allows you to monitor the charging performance of either your main and/or auxiliary battery.

Voltage gauges can also be equipped with an optional 100 amp rated current display (sold separately) that monitors the amount of current to or from your main or auxiliary battery.



EGT and boost pressure gauges - G52-EB, G52-BET, G52-BEA and G52-BEP

A must for your diesel turbo charged vehicle, used to monitor the exhaust gas temperature (EGT) of turbo-equipped vehicles in conjunction with a pyrometer probe.

The boost pressure function monitors manifold air pressure and is used to ensure excessive pressure is not generated.

The gauges are supplied with a "K" type EGT sensor and electronic boost MAP sensor interface. The boost has a peak hold function with a display range from 0-35psi and programmable alert level between 10 and 30psi.

G52-EB has a peak hold function with a range from 0 to 1,000°C, the **G52-BET**, **G52-BEA** and **G52-BEP** have a peak hold function with a range from 275 to 800°C.

All gauges have a programmable alert between 500 and 800°C. The EGT probe has a 1/8" NPT compression fitting and is supplied with a weld-in mounting bung.

The **G52-BET** gauge also supports one of four optional temperature sensors (sold separately) to measure water, oil, cabin, fridge or outside temperature.

The **G52-BEA** gauge can also be equipped with an optional 100 amp rated current display (sold separately) that monitors the amount of current to or from your main or auxiliary battery.

The **G52-BEP** gauge also supports the REDARC 150psi oil pressure sensor (sold separately).



EGT and boost/vacuum gauge - G52-EU

The **G52-EU** boost/vacuum gauge shows the difference between outside atmospheric pressure and the amount of vacuum present in the intake manifold.

The gauge is supplied with a "K" type EGT sensor and electronic boost MAP sensor interface.

The boost/vacuum has a peak hold function with a display range from -12 to 23psi and programmable alert level between -5 and 25psi.

The EGT function also has a peak hold function with a range from 0 to 1,000°C and has a programmable alert between 500 and 800°C. The EGT probe has a 1/8" NPT compression fitting and is supplied with a weld-in mounting bung.



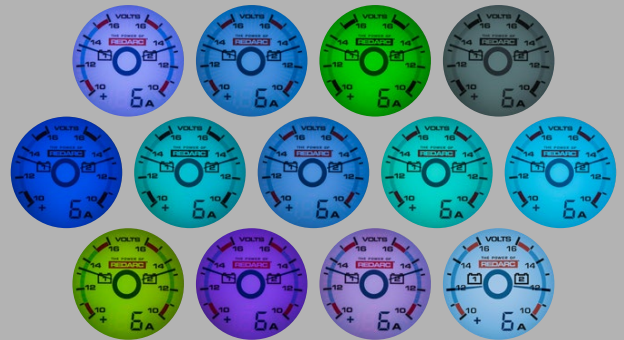
Temperature gauges - G52-TA and G52-TTT

Ideal for monitoring your engines oil and/or water (coolant) temperature.

The **G52-TA** gauge is supplied with one REDARC 1/4 NPT thread temperature sensor that measures from 30 to 160°C and can also be equipped with an optional 100A rated current display (sold separately) that monitors the amount of current to or from a battery.

The **G52-TTT** gauge is supplied with two REDARC 1/4 NPT thread temperature sensors that measure from 60 to 150°C. The G52-TTT gauge also supports one of four optional temperature sensors (sold separately).

Thirteen selectable backlight colours...



Oil pressure gauges - G52-PT, G52-POT, G52-PWT

Ideal for monitoring your engine's oil pressure.

All oil pressure gauges are supplied with one REDARC 1/8 NPT thread 150psi oil pressure sensor.

G52-PT is a single oil pressure gauge that displays from 0 to 130psi.

G52-PWT is a dual oil pressure gauge that displays from 0 to 80psi. It is supplied with a 1/8 NPT thread water temperature sensor that displays from 30 to 120°C to also monitor coolant temperature.

G52-POT is a dual oil pressure gauge that displays from 0 to 80psi. It is supplied with a 1/4 NPT thread oil temperature sensor that displays temperatures from 60 to 150°C.

All oil pressure gauges support one of four optional temperature sensors (sold separately) to measure water, oil, cabin, fridge or outside temperature.

Two programmable alert backlight colours with audible beep...



This extensive range of gauges are designed and manufactured in Australia for Australian conditions. Regardless of the gauge you choose, you'll be assured of the high quality and reliability that comes with every REDARC product.

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New Product Bulletin 36 2014

Sensors and accessories

There are a range of mounting solutions as well as an enhanced lighting controller to dim the gauges to match your vehicle's instrument panel lighting. There is also an adaptor to fit the 12 volt gauges to a 24 volt vehicle.

Optional sensors

Code	Sensor type	For use with	Description
GS-AMPS	Current	G52-VA, G52-VVA , G52-BEA, G52-TA	The REDARC Hall Effect current sensor is an electronic device which is designed to measure the current flowing in a circuit and output the value of that current as a voltage signal. (i.e. can monitor the amount of current to or from your main or auxiliary battery). It is a high performance, compact cable mounted current sensor suitable for installation into rugged environments where a fully sealed product is required to assure reliability. This REDARC device is 100A rated and cannot be damaged by overload.
GS-UT-80	Temperature	G52-BET, G52-POT, G52-PWT, G52-PT, G52-TTT	An NTC temperature sensor encased in a plastic housing for measuring cabin, fridge or outside temperature. Temperature range is -20~+80°C and is supplied with a 6 metre extension cable to connect to your REDARC gauge.
GS-UT-120	Temperature	G52-BET, G52-POT, G52-PWT, G52-PT, G52-TTT	An NTC temperature sensor in a metal copper housing with 6mm diameter mounting hole. Temperature range is -20~+120°C and it is supplied with a 6 metre extension cable to connect to your REDARC gauge.
GS-OWT1-4	Temperature	G52-BET, G52-POT, G52-PWT, G52-PT, G52-TTT	A coolant or oil temperature sensor with a 1/4 NTP thread that is designed to measure from -20~ +170°C. It is supplied with 3 metre extension cable to connect to your REDARC gauge.
GS-OWT1-8	Temperature	G52-BET, G52-POT, G52-PWT, G52-PT, G52-TTT	The REDARC GS-OWT1-8 is a coolant or oil temperature sensor with a 1/8 NTP thread that is designed to measure from -20~ +170°C. It is supplied with 3 metre extension cable to connect to your REDARC gauge.
GS-P-150	Oil pressure	G52-BEP	The REDARC GS-P-150 is a 150psi oil pressure sensor with a 1/8 NPT thread. It is supplied with wiring harness for connection to your REDARC gauge.

Optional accessories

Code	Name	Description
GA-ELC	Enhanced lighting controller	The REDARC enhanced lighting controller is designed to enhance the lighting of your REDARC gauge. It is to be used when you do not have a dimming circuit to connect to your gauge or when the dimming circuit in your vehicle does not dim the REDARC gauge to your liking. The enhanced lighting controller also allows you to program the night-time brightness and colour of your REDARC gauges, including dimming if connected to a dash dimmer. Once programmed your gauge will change colour when turning on your park lights and back to a day light colour when you turn them off. It is also 24 volt capable and only one is required for a set of REDARC gauges.
GA-2412V	24-12V adaptor	The REDARC 24 volt to 12 volt adaptor must be used to connect your REDARC gauge to a vehicle with a 24 volt ignition and lighting supply. All REDARC gauges must operate from a 12 volt power supply. When used with G52-VA and G52-VVA, the gauges can only measure 12 volt batteries.
GH-CUP	Mounting cup	The REDARC mounting cup is a black plastic mounting cup that fits one REDARC 52mm gauge. It is supplied with mounting screws and strong double sided mounting tape.
GH-MP1	Single gauge mounting panel	The REDARC mounting panel is a black aluminium mounting panel suitable for one REDARC 52mm gauge. It is supplied with mounting screws.
GH-MP2	Double gauge mounting panel	The REDARC mounting panel is a black aluminium mounting panel suitable for up to two REDARC 52mm gauges. It is supplied with mounting screws.
GH-MP3	Triple gauge mounting panel	The REDARC mounting panel is a black aluminium mounting panel suitable for up to three REDARC 52mm gauges. It is supplied with mounting screws.
GMC-2.5	2.5" muffler clamp	The REDARC muffler clamp comes with a maximum 2.5" opening. It has been designed to mount the REDARC EGT probe.
GMC-3.25	3.25" muffler clamp	The REDARC muffler clamp comes with a maximum 3.25" opening. It has been designed to mount the REDARC EGT probe.

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REDARC gauges, sensors and accessories are available at your nearest auto-electrician or 4WD specialty store or visit redarc.com.au/gauges for more information.



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