

Manual - Oil Pressure - Volts - Boost (Assort)



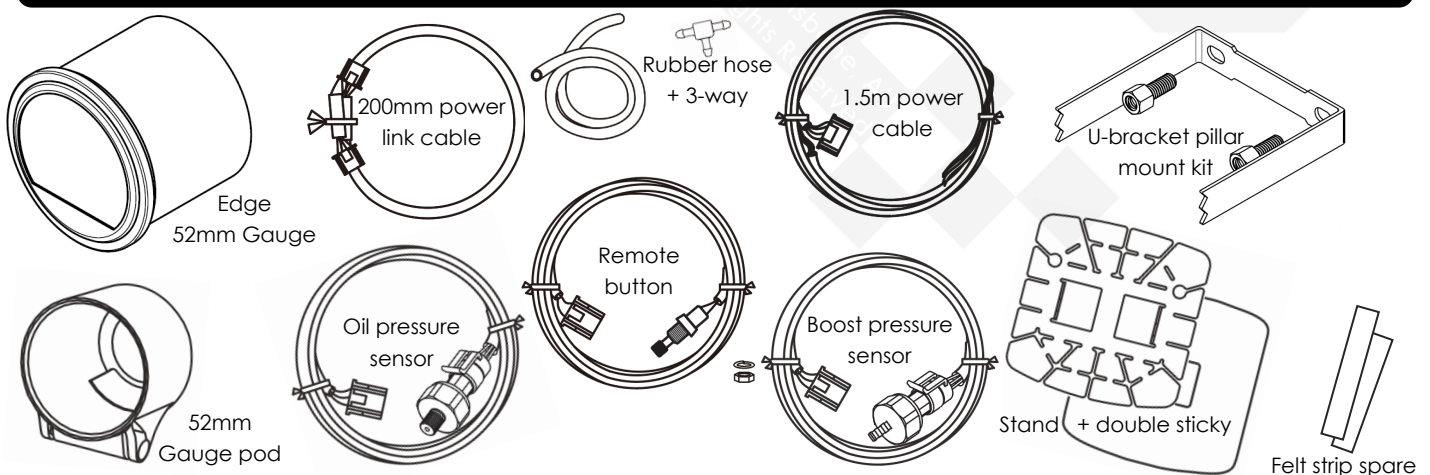
⚠ WARNING - Please Read Entire Manual Carefully!

- Do not change settings while driving.
- This product is designed to work with 12 Volt (v) vehicles only! This product will not operate on 6v or 24v systems.
- Please have this product installed by store or dealer where product was purchased. Installation by the customer will void the warranty.
- Do not disassemble or modify this product. Such actions will not only void the warranty, but may also damage or destroy the product.
- Do not perform installations of this product immediately after the engine has been switched off. The engine and exhaust system are extremely hot as this time and can cause burns if touched.

➔ Main Features

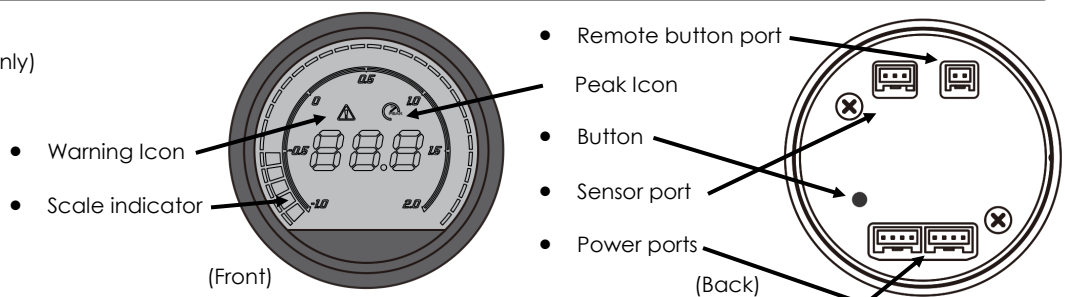
- ✨ High quality and accurate boost and oil pressure sensors
- 🔋 Onboard memory battery. Gauge will retain settings even after being disconnected from the vehicles battery.
- 📺 High contrast vertically aligned Liquid Crystal Display (LCD), no shadows when backlight is turned off. Different colour values can be chosen for night and day running mode.
- ⚠ Warning values can be programmed to trigger a warning buzzer with 3x different chimes.
- 🔊 The warning buzzer can be set 4x different sound levels: Off, low, medium, high.
- 🌞 Brightness can be set to 5 different values. For both night and day running mode.
- 🔄 3x different movements can be set for indicator display type.
- 🏠 Peak values obtained during operation will be stored, this can be reviewed and cleared at a later time (value will remain stored between engine cycles or trips).

📦 What's Included In Your Kit?



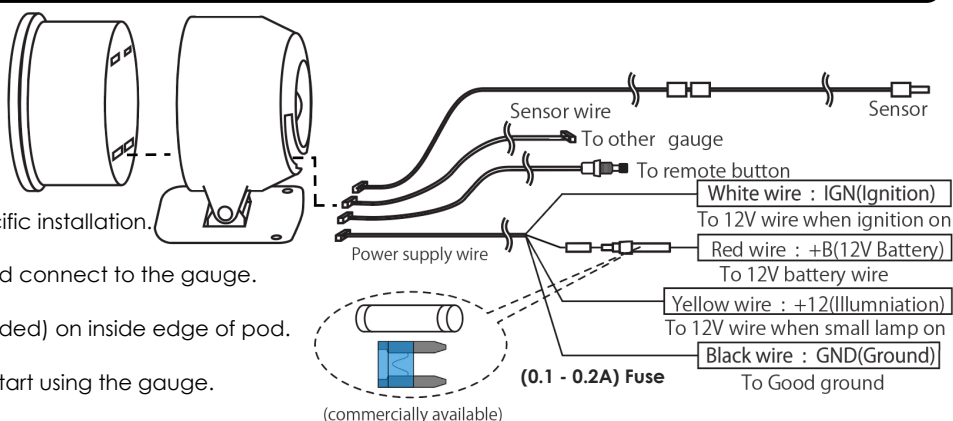
📖 Gauge Specifications

- Power-supply voltage:
10v to 15v DC (12v vehicles only)
- Current consumption:
+B line: MAX 120mA
IGN line: MAX 120mA
ILM line: MAX 2mA



⚡ How To Connect Your Wiring

- Disconnect the negative terminal on the battery. Connect the power wires as shown. Warning! Always install a fuse where +12v is indicated.
- Connect the pressure sensor provided & wires to their respective harnesses. Follow procedure below for sensor specific installation.
- (Optional) Install remote button wire and connect to the gauge.
- Install 1x Felt sticky strip if required (included) on inside edge of pod.
- Reconnect negative battery wire and start using the gauge.



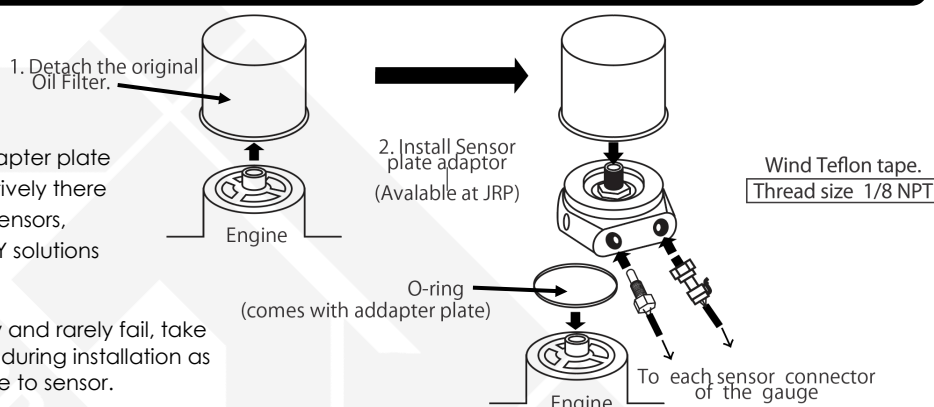
🔧 Install Oil Pressure Sensor

Handy tip:

Sensor adapter blocks or sandwich plate adaptors can be used to avoid permeant modifications to your engine.

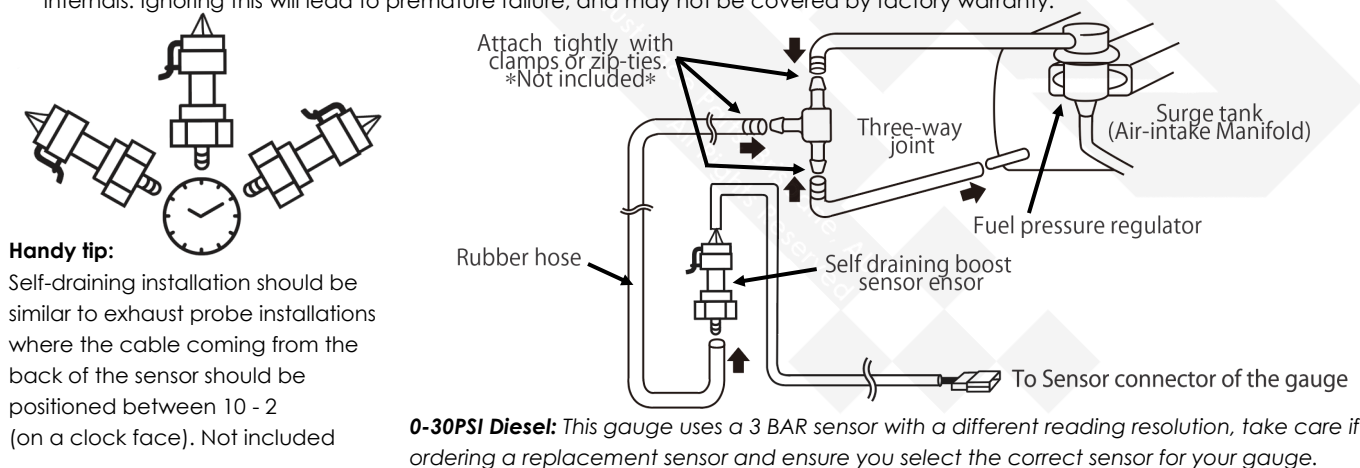
Oil cooler kits can also be installed off an adapter plate available with other aftermarket kits. Alternatively there are other methods to mount these pressure sensors, consult a qualified mechanic, or research DIY solutions online.

- JRP oil pressure sensors are of high quality and rarely fail, take care not to drop sensors on hard surface during installation as this may cause premature wear/ damage to sensor.



👉 Correct Boost Sensor Installation

- JRP boost pressure sensors read "absolute atmospheric pressure." These are very high quality and rarely fail if installed correctly. The "barb" from the sensor should be installed in a way that it is self draining so that: oil, dirt and moisture don't collect on the internals. Ignoring this will lead to premature failure, and may not be covered by factory warranty.



🔧 Calibrate Boost Sensor - WARNING: MUST DO ON ALL DIESEL GAUGES

- Because of the nature of the sensor reading absolute atmospheric pressure, your gauge out of the box might read a positive or negative value number when the engine isn't running. (This is quite normal). Atmospheric pressure will read different values between sea level and your location. Note: Diesel based gauges may read incorrectly, however this may not be obvious as diesel gauges do not display negative values when they do indeed read it!
- For an accurate boost reading its important to calibrate the pressure offset on your gauge. Offset calibration will have to be adjusted depending on your running location. The goal here is to get the boost gauge to display true 0PSI when the engine isn't running. Follow the "Offset Calibration" procedure in the detailed button operation on page 4.

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Volts Gauge Wiring

- Reference "How to connect your wiring" on Page 2. The Edge Series volts gauge doesn't come with any formal sensor but rather reads/ measures voltage exactly from the source of where its connected. What this essentially means is that you can connect the +B Red wire to different accessories you would like to monitor. Eg: Alternator output, accessories inside cabin, secondary battery, or custom solar installations. Its best not to use this gauge with link cable or have first in daisy chain setups.

Common Button Operation

- To make changes to your new gauge use the button on the back of the gauge or the remote button included in each kit. (Both provide the same function). The button can be used to scroll through the menu. Short press will take you through the menu options, long press for three seconds on the displayed option will take you into the setup menu for that selection. Make adjustments to that menu option using short presses, when the setting displays the required value, wait five seconds to return to live data to be display - Saved. (this will confirm and save your set up option). See page 3 & 4 for detailed button operation.
- NOTE:** Day and night time modes can be set to display different settings shown in table on page 3. You have to enter the night time mode to make changes to night time menus. (Night mode is triggered from a 12 volt signal input from the yellow power wire).

Detailed Button Operation

- The table below shows what to expect when navigating your 52mm Edge series Oil Pressure, Volts, and Assorted Boost gauges. This is more or less an on the fly cheat sheet to assist you during setup. Best way to understand all the features and functions is to read this whole instruction manual carefully.

- For further assistance/ trouble shooting please visit our YouTube channel:




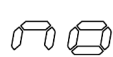
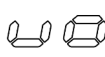
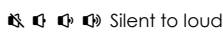
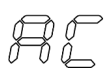



- Visit our social platforms for new ideas, and to see our latest products:

Alternatively send us a cheeky Dm, were here to help! 😊

CLICK ICONS TO FOLLOW LINKS

Boost Response rate: "Boost" pressure gauges have a top menu that can be accessed with a long press on the button/ remote button while live data is displayed. Set a value(0 – 40). Fast response rates are typically used for motorsport/ Datalogging however the values can appear erratic on the gauge, Slower response rates can be used to smooth erratic numerical values.




SHORT PRESS PEAK VALUE		Displays "Peak" value in current mode configuration. NOTE: All peak values are recorded.	LONG PRESS Clear peak value
SHORT PRESS COLOUR SELECTION		LONG PRESS There are two modes for all gauges, night and day mode. Different colours can be set for each mode: Red, Green, Blue, Yellow, Purple, Snow, Mustard, Pink, Light Blue, Orange, Teal, Off, (RGB).	SHORT PRESS Day Mode SHORT PRESS Night Mode Wait 5 sec to save
SHORT PRESS SCREEN BRIGHTNESS		LONG PRESS There are different brightness settings available to match other instruments in your vehicle. Night and day mode can be set to different levels for each mode.	SHORT PRESS Day Mode SHORT PRESS Night Mode Wait 5 sec to save
SHORT PRESS BUZZER TYPES		LONG PRESS There are 3 different buzzers available, gauge will display: and emit corresponding sound - Beep: slow, fast, continued...	SHORT PRESS Types Wait 5 sec to save
SHORT PRESS BUZZER VOLUME		LONG PRESS There are 4 sound levels: Off, 1, 2, 3.  Silent to loud	SHORT PRESS Level Wait 5 sec to save
SHORT PRESS OPEN/ CLOSE CEREMONIES		LONG PRESS There are 3 options for the opening ceremony, wait for change to be saved and view while turning gauge on/ off.	SHORT PRESS Types Wait 5 sec to save
SHORT PRESS PRESSURE WARNING		LONG PRESS Customise the pressure value to trigger alarm. Short press for fine tune adjustment, long press for rapid number adjustments. Note: Oil pressure is a low pressure trigger	SHORT PRESS Temperature Pressure Value Wait 5 sec to save

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Detailed Button Operation

- Continued...

SHORT PRESS OFFSET CALIBRATION	 / 	LONG PRESS "Warning blinking"	NOTICE: Highly important to use this feature on new installations. Only when the engine isn't running. Long press confirmed with a beep, then short press to zero calibrate. Must be done in free air before sensor is installed.	SHORT PRESS Calibration Set	Sensor will adjust to zero from pressure reference
Wait 5 sec to save					
SHORT PRESS SCALE INDICATOR DISPLAY TYPE		LONG PRESS	There are 3 different indicator display types. Its best to view these options when vehicle is up to operating temperature.	SHORT PRESS Types	So1 → So2 → So3

- Record the date of purchase here for warranty purposes _____.

Notes: _____
