

Manual: Water-Oil-IAT-Transmission

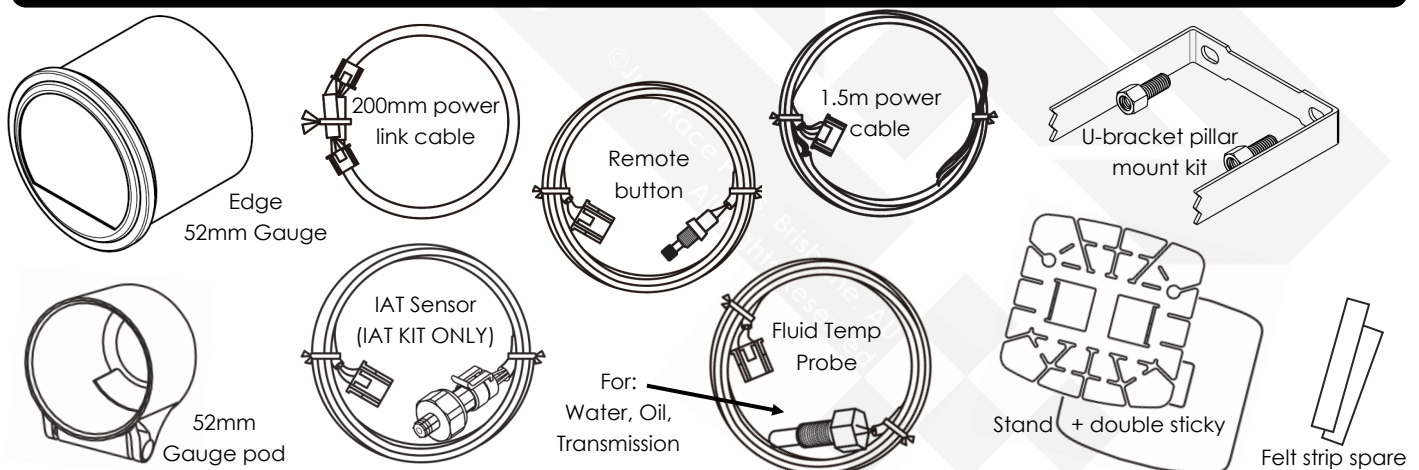
⚠ WARNING - Please Read Entire Manual Carefully!

- 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

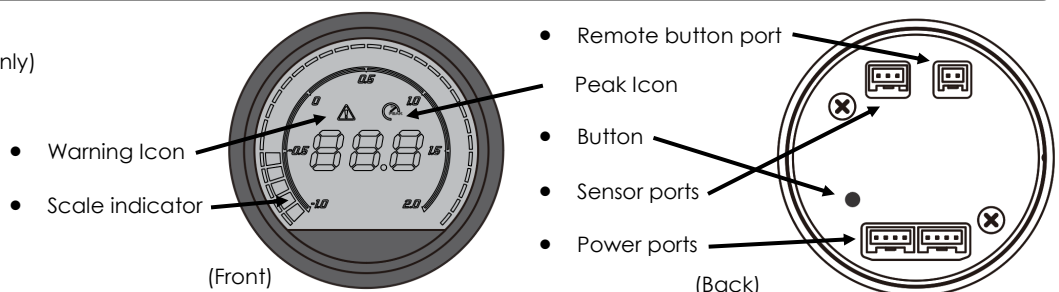
- ✨ High quality and accurate Water, Oil, Intake Air (IAT) and Transmission temperature sensors
- 🔋 Onboard memory battery. Gauge will retain settings even after being disconnected from the vehicles battery.
- 🖥 High contrast vertically aligned Liquid Crystal Display (LCD), no shadows when backlight 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



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Introducing

New



- Colour Pre-warn (CPW) is a new innovation developed first in the world by Just Race Parts. The new Version 1.5v - Edge series temperature gauges, now have a two stage warning system. One which works the same as old/ competitor gauges where you set a warning value that can trigger an alarm on the gauge. Now with the CPW feature enabled; the gauge will change display colours leading up to your set warning alarm.

You can set custom colours as well as the pre-set adjustable number increments.

See example below: **Blue** is your "day mode" running colour, **500c** is your warning alarm trigger value **20** is your temperature control increment.



Temperature below 440 display colour says to:
(Mode set colour)



Temperature above 440 display colour change to:
(Yellow default)



Temperature above 460 display colour change to:
(Orange default)



Temperature above 480 display colour change to:
(Red default)

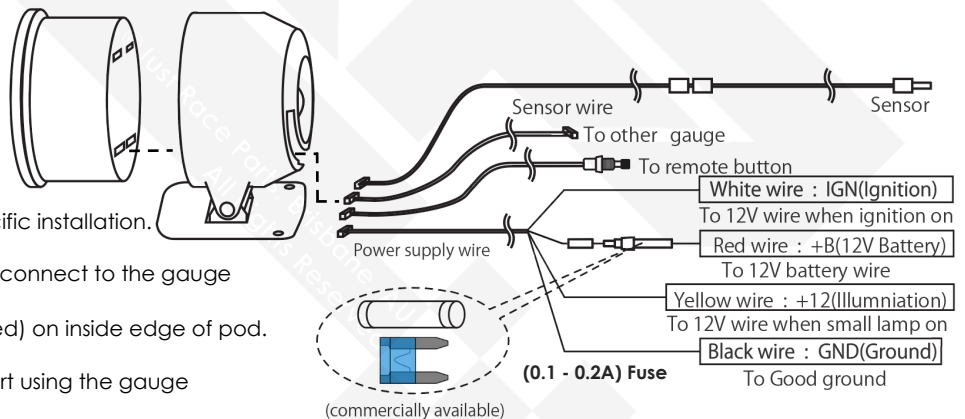


Temperature above 500 display warning Δ sound buzzer alarm

- To enable this feature navigate to temperature control marked as "TC" in the menu. Long press to make changes (off is default). The values available for EGT based gauges are 20,30,40.

⚡ 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 supplied sensor wires to their respective harnesses. Follow procedures on page 3 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

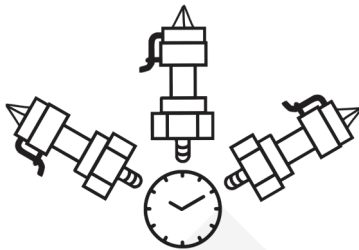


🔔 Common Button Operation

- 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 below. 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).

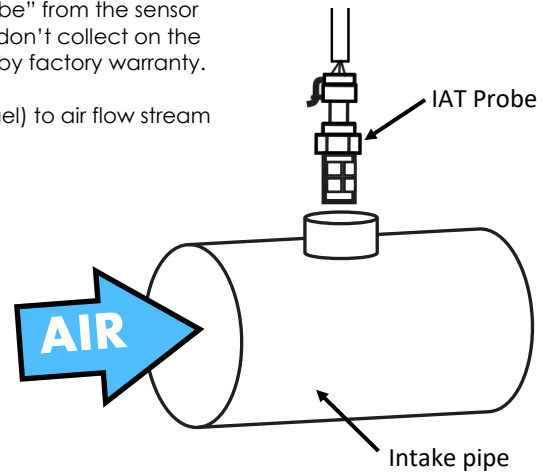
Install Intake Air Temperature

- These sensors are very high quality and rarely fail if installed correctly. The "probe" 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.
- Ensure that the intake air sensor (IAT) is installed perpendicular (90 Degree angle) to air flow stream from the intake box after the filter.

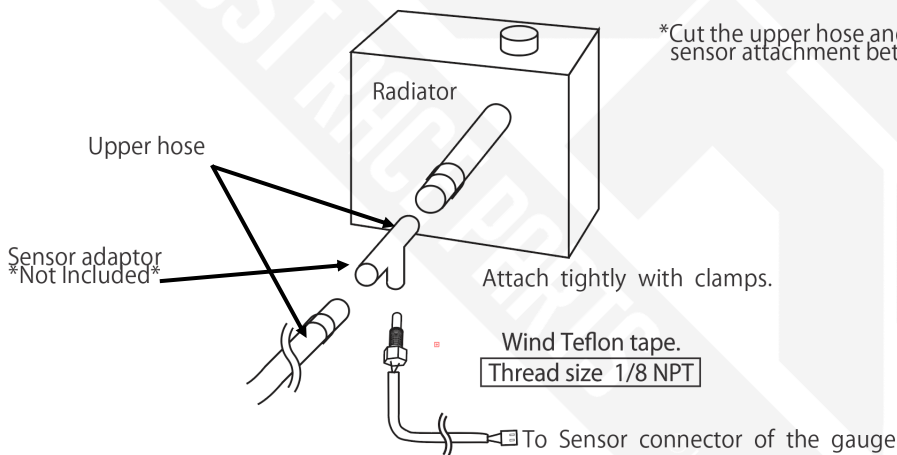


Handy tip:

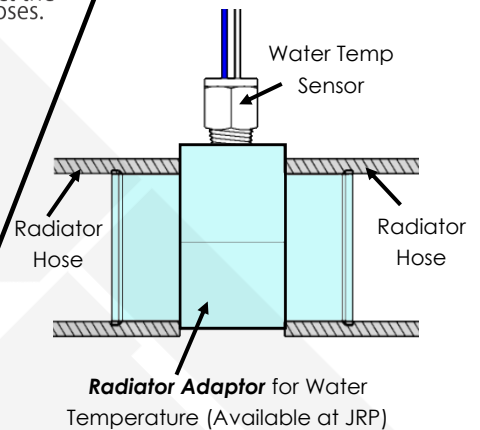
Self-draining installation should be similar to exhaust probe/ boost sensor installations where the cable coming from the back of the sensor should be positioned between 10 - 2 (on a clock face).



Install Water Temperature Sensor



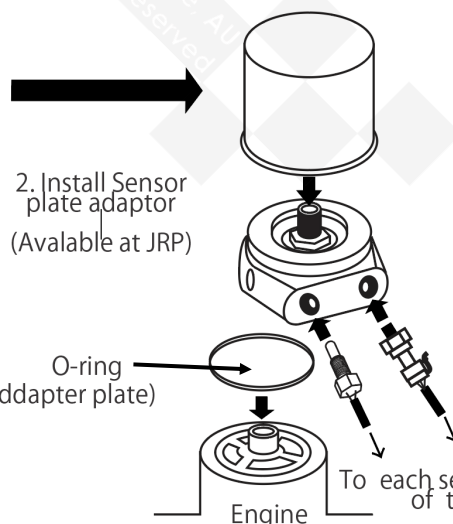
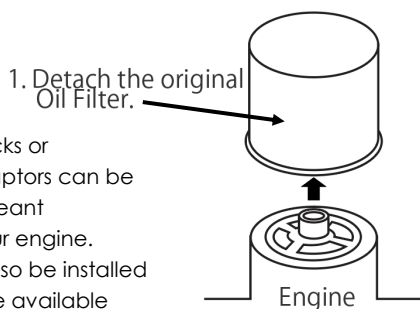
*Cut the upper hose and connect the sensor attachment between hoses.



Install Oil Pressure & Temperature Sensors

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 sensors, consult a qualified mechanic, or research DIY solutions online.



Wind Teflon tape.
Thread size 1/8 NPT

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Temperature Warm-up

- Temperature warmup works only when temperature is below set value. This feature will cycle the first colour from (CL1) and current display mode colour (Night/ day mode). This is just a really passive warning function intended to show the driver that you should take it easy on the vehicle till you're in the operating temperature range. To activate this function navigate to "UP" in the menu, more information on page 5.
- Note: Not available on Intake Air Temperature Gauge.

Detailed Button Operation

- The table below shows what to expect when navigating your 52mm Edge series EGT & Boost + EGT gauge, 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:

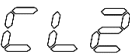









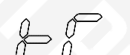
Alternatively send us a cheeky Dm, were here to help! 😊

CLICK ICONS TO FOLLOW LINKS

SHORT PRESS		Displays "Peak" value	LONG PRESS	Clear peak value
PEAK VALUE				
SHORT PRESS		LONG PRESS	Wait 5 sec to save	
COLOUR SELECTION		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
SHORT PRESS		LONG PRESS	Wait 5 sec to save	
SCREEN BRIGHTNESS		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
			br0 ▶ br1 ▶ br2 br3 ▶ br4 ▶ br5	
SHORT PRESS		LONG PRESS	Wait 5 sec to save	
BUZZER TYPES		There are 3 different buzzers available, gauge will display: and emit corresponding sound - Beep: slow, fast, continued...	SHORT PRESS	Types
			no1 ▶ no2 ▶ no3	
SHORT PRESS		LONG PRESS	Wait 5 sec to save	
BUZZER VOLUME		There are 4 sound levels: Off, 1, 2, 3.	SHORT PRESS	Level
			uo0 ▶ uo1 ▶ uo2 ▶ uo3	
SHORT PRESS		LONG PRESS	Wait 5 sec to save	
OPEN/ CLOSE CEREMONIES		There are 3 options for the opening ceremony, wait for change to be saved and view while turning gauge on/ off.	SHORT PRESS	Types
			AC1 ▶ AC2 ▶ AC3	
SHORT PRESS		LONG PRESS	Wait 5 sec to save	
CALIBRATION		This is a left over feature from the factory. Calibration is disable. Adjustments can not be made in this menu without specialised equipment.	SHORT PRESS	
SHORT PRESS		LONG PRESS	Wait 5 sec to save	
LOW VOLTAGE WARNING		Customise the temperature value to trigger alarm. Short press for fine tune adjustment, long press for rapid number adjustments.	SHORT PRESS	Temperature
			Temperature value 0-150c	
SHORT PRESS		LONG PRESS	Wait 5 sec to save	
SCALE INDICATOR		There are 3 different indicator display types. It's best to view these options when the vehicle is up to operating temperature.	SHORT PRESS	
			So1 → So2 → So3	

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Detailed Button Operation Continued...

SHORT PRESS COLOUR TWO (CPW) 	LONG PRESS This is where you set the first colour of the temperature-controlled colour pre-warn (CPW)  (YELLOW DEFAULT)	SHORT PRESS Temperature Range  Wait 5 sec to save
SHORT PRESS COLOUR THREE (CPW) 	LONG PRESS This is where you set the first colour of the temperature-controlled colour pre-warn (CPW)  (ORANGE DEFAULT)	SHORT PRESS Temperature Range  Wait 5 sec to save
SHORT PRESS COLOUR FOUR (CPW) 	LONG PRESS This is where you set the first colour of the temperature-controlled colour pre-warn (CPW)  (RED DEFAULT)	SHORT PRESS Temperature Range  Wait 5 sec to save
SHORT PRESS WARM UP 	LONG PRESS This is where you can set the warm-up function, settings are: off, 40, 60 & 80. Not included with Intake Air Temp (IAT).	SHORT PRESS Temperature Range OFF ▶ 40 ▶ 60 ▶ 80 ▶ Wait 5 sec to save
SHORT PRESS TEMPERATURE CONTROL 	LONG PRESS This is where you can set the colour pre warn function, settings are: Off, 2, 5, & 10 for: Water, Oil, IAT & Transmission Temp.	SHORT PRESS Temperature Range OFF ▶ 2 ▶ 5 ▶ 10 ▶ Wait 5 sec to save

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

Notes: _____

