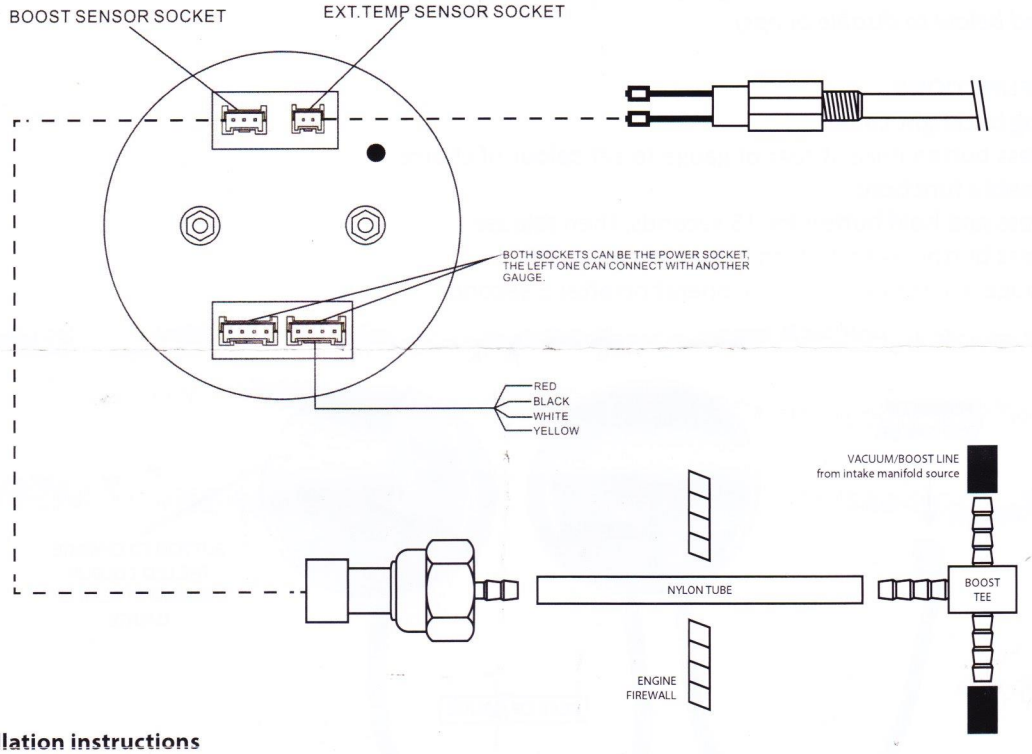
Diesel Boost/Exhaust Temp DUAL READING GAUGE

Installation Instructions

Part Number - SG611240
Description - Dual Reading Diesel Boost/Exhaust Temp Gauge

Gauge features

- Analogue reading diesel boost - range 0-30 psi
- Digital reading exhaust temp - range 0-900
- Selectable 7 colour LED backlight
- Night-time dimming function
- Warning functions of both analogue/digital readings
- Gauge can be installed using our new link up system - power up one gauge and use the included link cable to power up multiple gauges



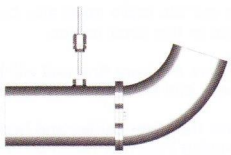
Wiring installation instructions

Red wire: Connect to a switched 12V positive source that is turned on and off with ignition switch.
Black wire: Connect to a good ground (-).
White wire: Connect to a 12V battery source (must be constant 12V source).
Yellow wire: Connect to 12V dash lighting.

Exhaust temperature probe installation

- Pre-existing thread hole: Screw the thread fitting from the probe into the pre-existing thread hole (if thread is different, you may need to purchase a different adaptor). Insert the probe and tighten. Once this is done, make sure the probe is positioned so the wires are not in close proximity to, or touching, the manifold or any other hot engine parts.
- Weld in fitting: It is recommended that you do some research to find the best location to place the sensor. Once you have the location sorted out carefully drill a hole so that the exhaust bung can be welded on (not supplied).

**SAAS weld on bung adaptor - SGA1001 can be purchased separately.



SETTING GAUGE FUNCTIONS:

(use button at rear of gauge to set functions)

WARNING FUNCTIONS

Analogue read out:

- Hold button for 5 seconds until needle flashes, then release button.
- Press and hold button again to move needle to desired setting, then release button.
- Gauge will return to normal operation after 5 seconds.
- *Analogue warning function example: Volt warning default is 9 volts. When reading drops below 9 volts needle will flash and gauge will beep.*
  (read below to disable beeps)

Digital read out:

- Hold button for 10 seconds until digital display flashes, then release button.
- Press and hold button again to adjust to desired setting, then release button.
- Gauge will return to normal operation after 5 seconds.
- *Digital warning function example: Volt warning default is 9 volts. When reading drops below 9 volts digital read out will flash and gauge will beep.*
  (read below to disable beeps)

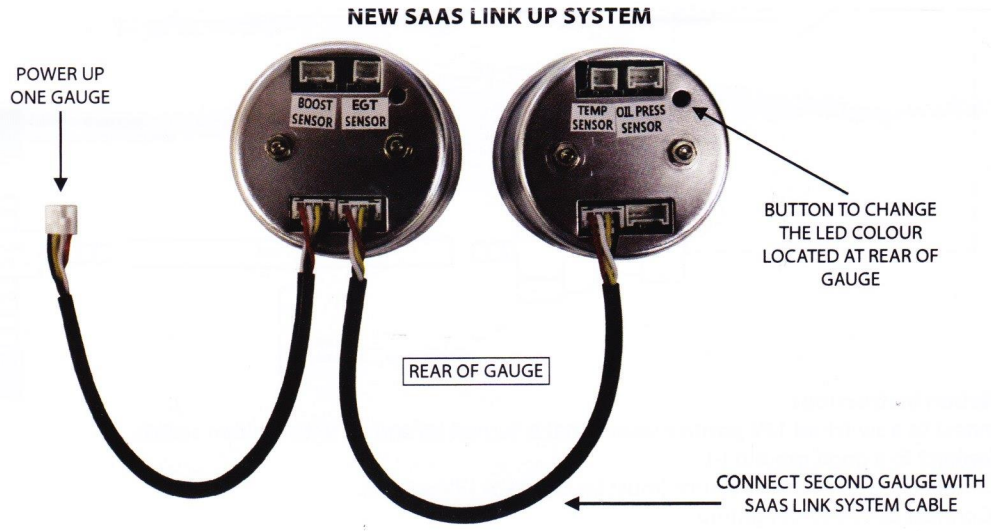
OTHER FUNCTIONS

Changing backlight colour:

- Press button once at rear of gauge to set colour of choice.

Beep disable function:

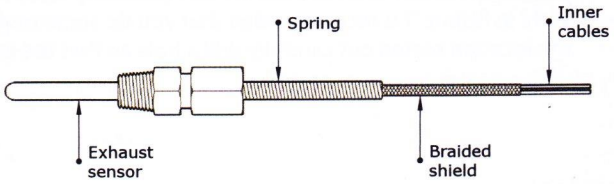
- Press and hold button for 15 seconds, then release.
- Press button again to turn beep tone on or off.
- Gauge will return to normal operation after 5 seconds.



Important Fitting Note For Installers!!

Warning: When installing exhaust temperature sensors **DO NOT** allow the braided cable to twist or bend while screwing the sensor in or out.

When screwing the sensor in or out the cable must also be turned in either direction to help prevent damage to the inner cables.

The inner cables of exhaust sensors are very fine and will be damaged if the cable is twisted or bent back and forth to many times!

Over twisting the cable will cause the inner cables and braided shield to brake underneath the spring causing incorrect readings or no reading at all and this will **NOT** be covered under warranty!!