



AIR PRESS/AIR PRESS DIGITAL

Part No: SG913232
2 inch-52mm

v20210809

Installation Instructions

Important notes before installing:

- Installing this product to your vehicle may require an adaptor. SAAS offer a large range of adaptors and installation parts; please check with your SAAS dealer for available adaptors.
- SAAS Trax series gauges are designed for **12volt** systems **ONLY!**
- All installation work should be done by a qualified professional to avoid damage to this product.
- SAAS **RECOMMENDS** all products be tested prior to installation. This will save time and speed up the troubleshooting process if you encounter any issues.

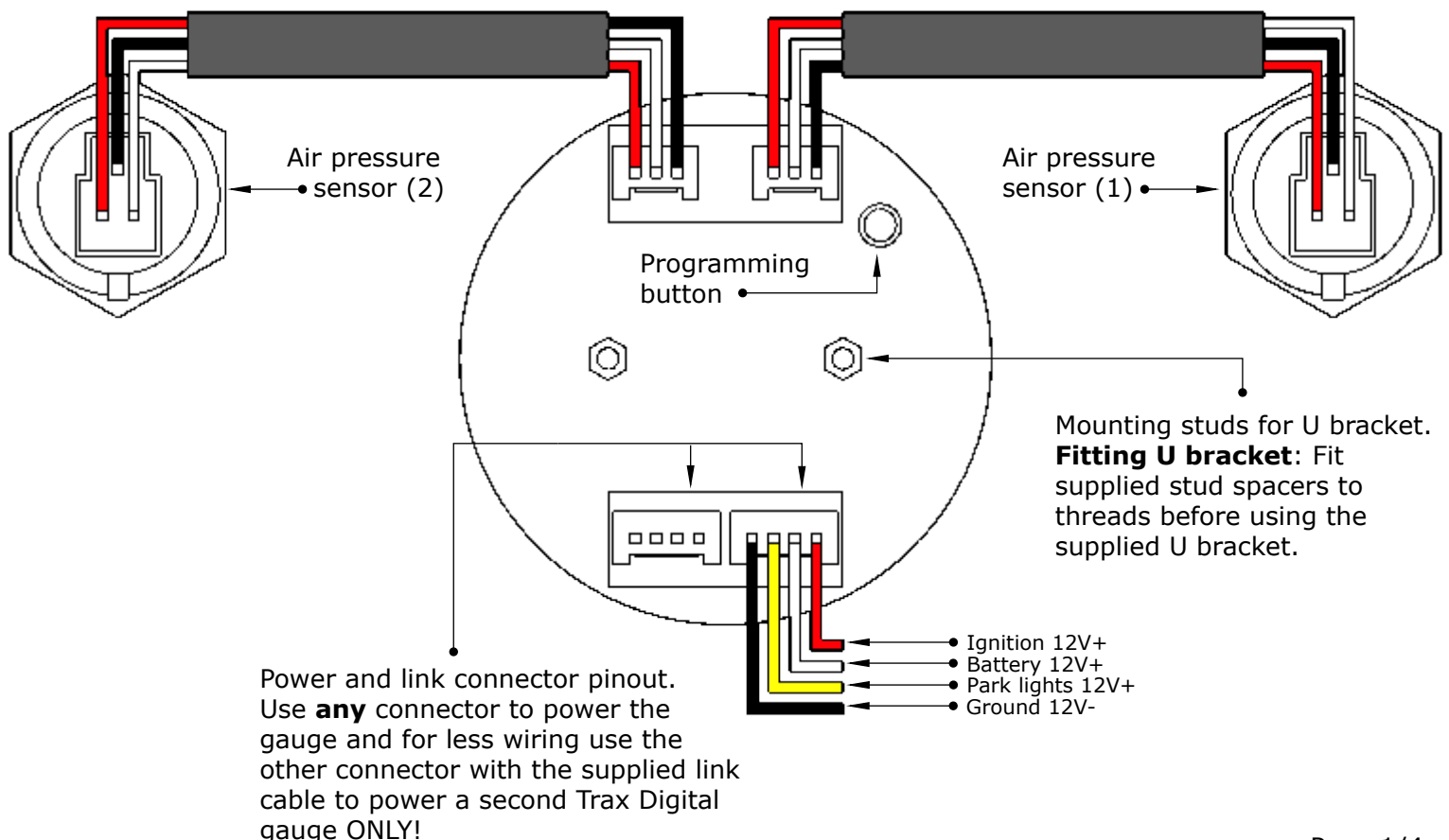
- **BEFORE** installing, please check our website (shopsaas.com) for the latest fitting instructions. If the top left corner (v) number is different to website, please use instructions from website.

Wiring Guide:

Wire colour	Wire Function	Wire Connection Location
Black	Ground 12V-	Vehicle body
Yellow	Park lights 12V+	Park light circuit (do NOT connect to a dimmer)
White	Battery 12V+	Ignition harness / Fuse box
Red	Ignition 12V+	Ignition harness / Fuse box

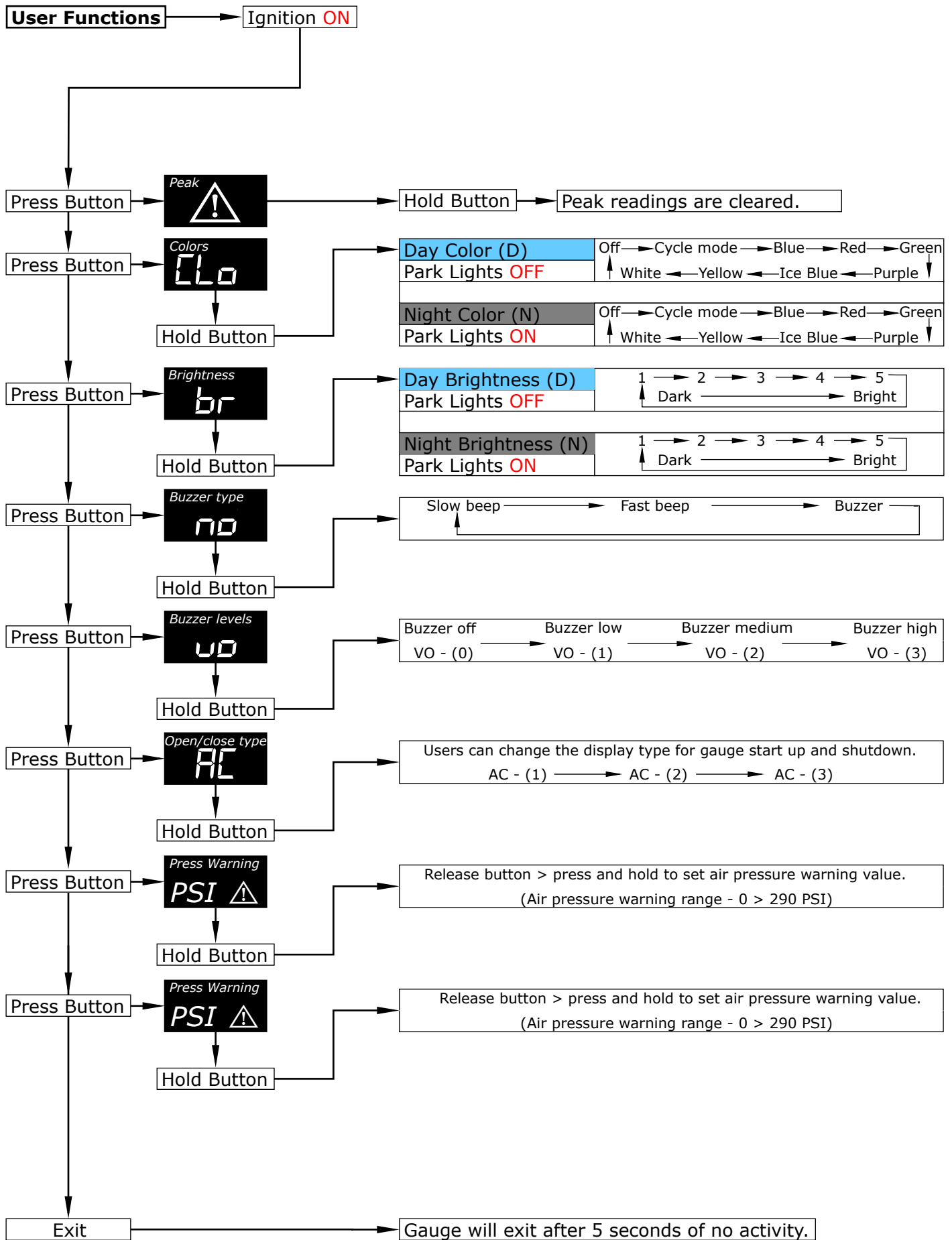
Wiring Diagram

Typical Layout



User Functions:

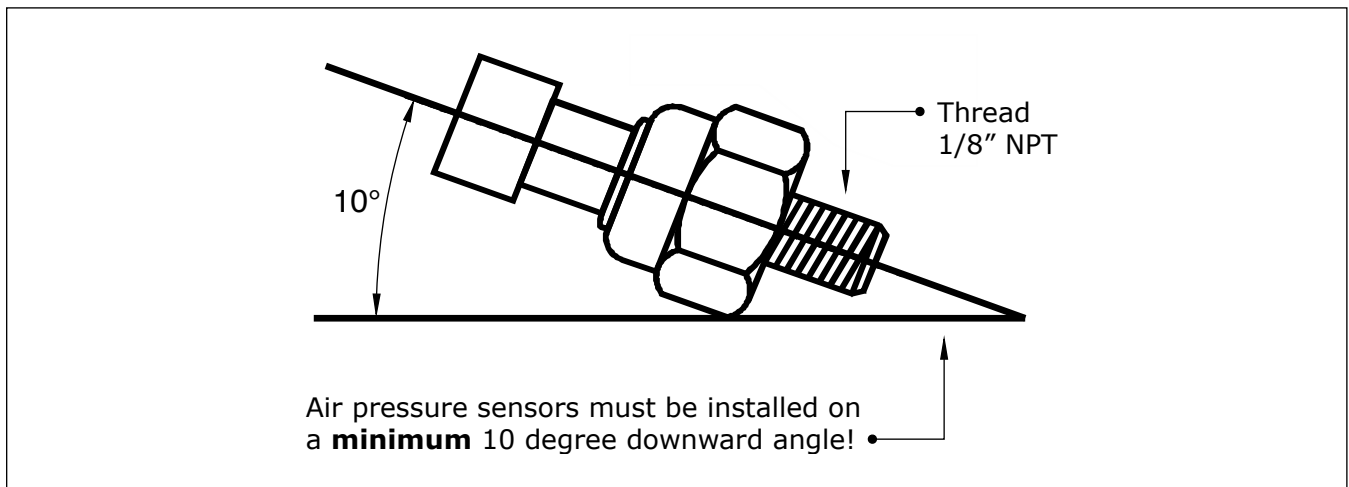
Note: Use the programming button on the back of the gauge to set the below functions.



Air Pressure Sensor Installation:

- **Recommended sensor locations:** Air compressors, air tanks and air lines.

Air pressure sensors can be mounted anywhere air pressure is available using the correct adaptors. The only **requirement** is that the sensors **must** be mounted on a minimum 10 degree downward angle. This will prevent moisture sitting inside the sensors extending there operating life.



Important Fitting Notes For Installers:

- **How to pass cables and sensors through firewalls correctly:**

Option (A): Drill or cut a hole into a rubber grommet making sure there is enough room behind not to damage any factory cables and enough space to pass your cables and sensors through **without** any force. **DO NOT** pull on connectors when feeding through firewalls or grommets!

Option (B): Wrap some electrical tape around a wire coat hanger and around the connectors/ cables that you want to pass through the firewall, use some WD40 to lubricate the coat hanger so the connectors pass through the firewall grommet gently. **DO NOT** pull on connectors when feeding through firewalls or grommets!

Troubleshooting:

Please note: If you are having problems with the installation of this product, please do not contact your retailer or SAAS until you have read **ALL** the troubleshooting notes below.

Problem	Possible Cause	Solution
-gauge beeps but no display	-incorrect wiring -display is set to (OFF)	-refer to fitting instructions -press button to change backlight colour
-not reading air pressure -air reads (- - -)	-sensor not plugged in correctly -damaged sensor	-check connector on gauge and sensor -test sensor using a multimeter, a good sensor should read: 0.5v @ 0 PSI or 0.9v @ 29 PSI
- no air pressure when engine heats up	-damaged sensor	-replace sensor
-gauge beeps and flashes randomly	-warning function activated	-adjust warning settings accordingly

For further assistance email: tech@saasautomotive.com.au

GAUGE INFORMATION

Specifications

Gauge operating range	0 > 290 PSI
Gauge operating voltage	8v > 18v
Air sensor operating range	0.5v > 4.5v, scale: 0.5v > 0 PSI , 0.9v > 29 PSI
Air sensor cable length	2 metre power cable
Gauge lighting type	7 colour LED with 5 levels of brightness
Gauge lighting colours	blue/red/green/purple/ice blue/yellow/white/OFF/cycle mode
Gauge power harness length	1 metre
Gauge link harness length	300mm
Mounting depth required for gauge	55mm (minimum)
Total depth of gauge	55mm (including bezel)
Mounting hole size for gauge	52mm

Contents:

In The Box	Qty	Notes	Part No.
Air pressure gauge	1		
Air pressure sensor and 3 pin power harness	2		SG91017
Gauge power connector	1		SG9100
Gauge link connector	1		SG9101
Mounting U bracket	1		SG61005
Mounting U bracket studs (M4x0.7 thread)	2		
Mounting U bracket nuts	2		
Fitting instructions	1		

Warranty Terms & Conditions:

SAAS Automotive Pty Ltd warrants this product against defects in factory workmanship and materials for a period of twelve (**12**) months from the date of original purchase. This warranty applies to the first retail purchaser, is non-transferable and covers only where the product has been subjected to normal use or service. Provision of this warranty shall not apply to any SAAS Automotive product that has been used for a purpose for which it is not designed, or which has been altered in any way that would be detrimental to the performance or life of the product, or misapplication, misuse, negligence or accident. Warranty claims to the manufacturer must be transportation prepaid and accompanied with dated proof of purchase. On any part or product found to be defective after examination by SAAS Automotive Pty Ltd, SAAS Automotive Pty Ltd will only repair or replace the merchandise through the original selling dealer or on a direct basis. SAAS Automotive Pty Ltd assumes no responsibility for diagnosis, removal and/or installation labour, loss of vehicle use, loss of time, inconvenience or any other consequential expenses. The warranties herein are in lieu of any other expressed or implied warranties, including any implied warranty of suitability, and any other obligation on the part of SAAS Automotive Pty Ltd, or the selling dealer.

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