

PX01 INCAB DIGITAL - 3 Button

Safety First! It is recommended that only a properly qualified person installs this product. If you are not qualified and attempt to carry out such work, ensure that all safety equipment is used and safety standards are met.

FITTING THE KIT

- 1 Take a close look at all the items supplied with your kit and plan where you intend to mount them
- 2 Find a location for the compressor where it will be kept dry and well ventilated. You can mount the Compressor using supplied rubber mounts and mount at any angle on your vehicle and it will be fine. A unique feature of BOSS.
- 3 Install all Threaded Air fittings as shown in the diagram using supplied Boss Thread Sealant (small Red bottle).
- 4 **Do not over tighten air fittings as damage will occur.** The air fittings are tapered and will seal with the sealant and firm tightening of the fittings. If you do find a leak in the push fit fittings remove, recut line Square and reinstall.
- 5 Mount the Relay and Run a cable from terminal #86 to a good ground connection.
- 6 Run a cable at least the size of the compressor cable from the relay terminal #30 to the +12v battery via a 20amp fuse.
- 7 Connect the RED compressor cable to the relay terminal #87
NOTE: For each 5 meters you extend the Active cable you must double its size of the cable gauge to prevent power loss.
- 8 Ground the Black wire of the compressor.
- 9 Mount the Control Panel in a suitable location where it's easy to reach and visible.
- 10 Run a cable from one of the Black wires, of the LED "UP" button at least the same wire size, and connect it to Relay #85.
- 11 Run an Acc/Live wire from a +12V power source (with a 10 AMP inline fuse) to one of the black wires, on each of the 3 LED buttons.
- 12 Ground **one** of the Red wires from **each** of the 3 LED buttons.
- 13 Run an Acc/Live or park light system +12v to the **other 3** Red wires on the 3 LED buttons (For illumination system of LED buttons only)
- 14 Run a similar cable from the Left & Right Black LED (Down) buttons to the Left & Right Red wires on the Air Solenoid valves.
- 15 Hold Air Line fitting with spanner on front of solenoid valve and apply sealant and fit Digital gauge sender unit.
- 16 Mount solenoid valves with plate supplied and Ground the Black Wires from the Air Valves.
- 17 Run the airlines from the compressor through the "Y" check valve and into each Solenoid valve "Banjo" fitting, then carry onto to the Airbag. (As per attached Diagram)
- 18 Install the Digital gauge inside cab and wire up as shown in separate instructions (inside Digital Gauge box)
- 19 Once the system is checked for operation then check each join with very soapy water to check for Air Leaks
- 20 Secure all power cables and air hoses with zip ties and you're ready to go

TO OPERATE SYSTEM

To inflate the airbags, Push the "Up" LED button to start the compressor. This will pump the Airbags up until button is released. The gauge will display left and right pressures. To release air in airbags, push the "Down" LED buttons to activate the air valves to release the Air from the Airbags until released.

AIR FITTINGS

Keep air fittings free from dirt during assembly

- 1 To connect push fittings, simply push the airline firmly into the air fitting as that activates the seals. The lock claws will automatically grab the tubing, and the elastic sleeve surrounds and seals the tube. Now give a short sharp tug on the line to make sure it is seated.
- 2 **Keep the airline at least 100 mm away from the exhaust systems**
- 3 Make sure the tubing has a clean straight cut, (Don't squash the line when cutting) Check there are no burrs left around the edges.
- 4 Inflate the system and check for leaks using very soapy water
- 5 Do NOT use any thread tape, sealant, oil, grease, or any other substance on the airline when inserting it into the air fitting

SOME IMPORTANT NOTES ABOUT COMPRESSORS

The compressor is not waterproof so mount in an area away from water.
Don't weld or modify the Alloy tanks. They are carefully designed to Australian Design rules.
Most compressors fail because they are wired incorrectly so double check your wiring or have someone check it.
Make sure the earth is well fastened to bare steel as a bad earth will cause compressor failure.
If you take the time on your installation and get it right you will have fantastic service from you new BOSS Air system.

Check out Youtube.com/bossairbagsuspension for helpful installation videos



BOSS
AIR SUSPENSION

1300 855 161
SALES@BOSSAIRSUSPENSION.COM.AU
18 ERETON DRIVE, ARUNDEL, QLD 4214
WWW.BOSSAIRSUSPENSION.COM.AU

