

### FITTING INSTRUCTIONS FOR THE OBA-PX-03-INCAB-TANK-ANALOG CONTROL KIT

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 Install the Air fittings as shown in the diagram using supplied Boss Thread Sealant (small red bottle).
- 3 **Do not over tighten threaded 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, remove the fitting and apply thread sealant and re-install or check the cutting of the airline. Make sure the ends have a square clean cut and Airline is still round in shape.
- 4 Assemble and Mount Tank and Compressor, Wire as per Diagram with at least same size gauge wire as per components.
- 5 Note - Comp and Tank System can be wired direct to 12v power or Acc source, Or via optional master on/off switch
- 6 Mount the Control Panel in a suitable location where it's easy to reach and visible. Wire to optional power supply as above.
- 7 Run the Active wire from the 12V power source to the center pole of the toggle switch.
- 8 Run a similar cable from the #1 pin of the switch to the Red wire on the Air Solenoid 'UP' Valve.
- 9 Ground the Black Wire from the Air Solenoid 'UP' Valve.(NOTE -Inlet port is on the grub screw side)
- 10 Install the gauge, push buttons and switch to the gauge panel as shown in the diagram
- 11 Run the airline to the Installed Airbag kit airline and use the "T" piece to tap into the airline
- 12 Once the system is checked for operation then check each join with very soapy water to check for Air Leaks
- 13 Secure all power cables and air hoses with zip ties and you're ready to go

#### TO OPERATE SYSTEM

To inflate the airbags, turn the toggle switch on to open the valve. This will pump up until switch is released. The gauge will display left and right pressures. To release air in airbags, push the left or right pushbutton. This will also allow for leveling side to side.

#### AIR FITTINGS (if applicable)

- 1 Keep air fittings free from dirt during assembly
- 2 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.
- 3 **Keep the airline at least 100 mm away from the exhaust systems**
- 4 Make sure the tubing has a clean straight cut, don't squash the line and there are no burrs left around the edges.
- 5 Inflate the system and check for leaks using very soapy water
- 6 If leak is found pull on airline and rotate until leak stops
- 7 If leak persists, check line for damage and rectify or straighten airline out of fitting.
- 8 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 your new BOSS Air

system.

Check out [Youtube.com/bossairbagsuspension](https://www.youtube.com/bossairbagsuspension) for helpful installation videos



