

FITTING INSTRUCTIONS FOR THE BOSS REMOTE AIRBAG INFLATION KIT PX-01

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 at any orientation on your vehicle. A unique feature of the BOSS oil free compressor range.
- 3 Screw the compressor down using all the contact points and the rubber mounts.
- 4 Install the threaded Air fittings as shown in the diagram using supplied Boss Thread Sealant. (small Red bottle)
- 5 **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 remove the fitting and apply thread sealant and re-install.
- 6 Mount the Relay.
- 7 Run a cable from Relay terminal #86 to a good ground connection.
- 8 Run a cable at least the size of the compressor cable from the relay terminal #30 to the 12v battery via a 20amp fuse.
- 9 Connect the RED compressor cable to the relay terminal #87 .
NOTE: Once the Active cable extends past 5M, you must double the size of the cable gauge to prevent power loss.
- 10 Ground the Black wire of the compressor.
- 11 Mount the Remote Module in a suitable dry location.
- 12 Connect the Remote Module YELLOW and ORANGE wires to terminal #85 on the relay. This connects the two UP buttons on the remote to energize the relay to then switch the compressor on, inflating the Airbags.
- 13 Ground the Black cable on the Remote Module.
- 14 Run an active power feed wire from a 12V Accessory source to the Remote Module RED and GREEN wires.
- 15 Run a cable from the Remote Module WHITE wire to the Right Air Valve Red wire as per diagram.
- 16 Run a cable from the Remote Module BROWN wire to the Left Air Valve Red wire as per diagram.
- 17 Ground both Black Wires from the Air Valves.
- 18 Run the airlines from the compressor through the check valve and into each valve fittings.
- 19 Run the airlines from the Air Valves to each Airbag via the T-Piece.
- 20 Run the airlines from the open ends of the T-Pieces to the Schrader Valves which can be mounted at the rear of the vehicle. These are used for "emergency" inflation should the on-board compressor not be working.
- 21 Once the system is checked for operation then check each join with very soapy water to check for Air Leaks.
- 22 Secure all power cables and air hoses with zip ties and you're ready to go.

TO OPERATE SYSTEM

To inflate the airbags, push either "Up" button on the remote to start the compressor. This will pump up until button is released. When the vehicle is at the desired height release the button. To release air in airbags, push the Left or Right "Down" buttons on the remote. This will activate the air valves and bleed air from the Airbags. It is normal to inflate higher than desired and bleed air for fine adjustment left and right.

AIR FITTINGS (if applicable)

Keep air fittings free from dirt during assembly, Make sure line ends are cleanly and cut squarely with no burrs.
To connect the push fittings, Simply push line all the way into fitting, the fittings self-lock.
Keep the airline at least 100MM away from the Exhaust.
Inflate the system and check for leaks using very soapy water.
Do NOT use any thread tape, sealant, oil, 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.
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](https://www.youtube.com/bossairbagsuspension) for helpful installation videos

**BOSS**
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