

**MPS Air Compressor Installation Instructions**

The MPS Air Compressor is a small, light duty, 12 VDC compressor. It is ideal for filling your air shifter tank on the fly.

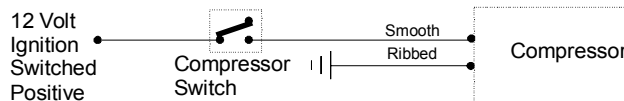
**Mounting** – The Air Compressor should be mounted using the two ¼” bolt holes. Care should be taken to insure adequate clearance for the cooling fan, electrical posts and drive gear. A 1.00” spacer should provide the necessary clearance. Any interference will cause the pump to operate improperly and cause early failure

**Electrical** – The Air Compressor needs to be wired to a switch to operate. We recommend a momentary switch so you will need to hold it down to operate the compressor. The compressor has two wires. The ribbed wire should be grounded and the smooth wire should be 12 VDC through a normally open momentary switch. Wiring the unit backward will overheat the compressor motor and cause inefficient operation.

**Plumbing** – Locate the supply line from your air shifter tank. Cut the line square in a convenient spot with a razor blade or plastic tubing cutter. Install the tee fitting in the line. Push the line as far into the fitting as it will go. Pull out to lock the line in place. To remove the line from the fitting, push down on the retaining ring on the fitting and the line. While holding down the retaining ring pull the line out of the fitting. Next insert the provided ¼” poly line into the third outlet of the tee fitting. Route the line to the Air Compressor outlet fitting. You can easily check for leaks by airing up the tank and spraying Windex on all fittings and connections.



**Typical Compressor Wiring**



**Note: The ribbed wire is the ground wire!**

If you have any more questions we have a Frequently Asked Questions page at our web site as well as the telephone tech support. Thank you for your purchase of this MPS product. All products sold by MPS are for use at closed course competition events and not for use on public streets or highways.