



350 S. St. Charles St. Jasper, In. 47546  
Ph. 812.482.2932 Fax 812.634.6632  
[www.ridetech.com](http://www.ridetech.com)

### **ARC1600 2 Way Compressor Kit**

1	CON1600	2 Way Electric/Pneumatic control panel
1	ARC1550	Model 215 compressor
1	MISC1001	2" compressor hold down clamp
1	WIR5020	20 amp fuse
1	WIR5000	Fuse holder
1	ARL2000	30' roll of 1/4" airline
1	FIT4400	1/4" DOT airline tee
1	FIT2100	1/8" male x 1/4" tube straight fitting
1	FIT7002	1/8" plug
2	FIT4201	1/4" male x 1/4" tube elbow fitting



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## Mounting the Compressor

- **Remove the negative battery cable before beginning installation.**
- All of our compressors are sealed for moisture and dust resistance so they can be mounted anywhere on the vehicle. Although it is best to mount it in a place out of direct contact with rain and snow. It is OK to mount it underneath the vehicle but keep it inside the frame rails away from water and debris thrown off the tire.
- This is a dry compressor; therefore it is maintenance free and can be mounted in any position.
- It is best if mounted to something solid to reduce vibration and noise. If mounting it to sheet metal or the bed or a truck use sound deadening material between the compressor and the mounting surface.
- Use the rubber grommets supplied on the feet of the compressor to reduce vibration.
- A main power wire of 12ga. or larger will be needed to supply the compressor. It will attach to orange wire on the compressor. A 20 amp inline fuse is supplied and should be installed between the battery and the compressor as close to the battery as possible. The black wire should be attached one of the white wires from **each** switch. The other white wire on each switch should be attached to a good chassis ground.

## Routing the Airline and Fittings

- Make all airline cuts with a razor or tubing cutter. It must be clean and straight or it will not seal.
- Most fittings are DOT approved push-to-connect style. They are very simple to use and are reusable. Firmly push the airline into the fitting to attach. To release the airline pull the collar on the fitting back towards the fitting and pull the airline out.
- Use thread sealant on all fittings.
- Do not over tighten the fittings. This could result in breaking the fitting or damaging the air spring.
- All of our airlines are DOT approved so they are very strong but not idiot proof. Keep away from any sharp edges. When passing through a hole in the frame use a grommet.
- Keep away from intense heat including mufflers and exhaust manifolds.
- Use zip ties or other fasteners to secure the airline.

