



350 S. St. Charles St. Jasper, In. 47546 Ph. 812.482.2932 Fax 812.634.6632
on the web: www.ridetech.com

2-Way Ride Pro Compressor System ARC2000 (Red Solenoids)

| <u>Qty</u> | <u>Part No.</u> | <u>Description</u> |
|------------|-----------------|--|
| 1 | ARC5001 | Thomas 327 air compressor |
| 1 | ARV2500 | Ride Pro air valve assembly |
| 1 | CON2500 | Ride Pro control panel (with electrical switches) |
| 1 | F9126 | 2 gallon air tank |
| 2 | ARL2000 | 30 ft. roll of 1/4" DOT airline |
| 1 | ARL1000 | 1/8" airline (25 feet) manifold to gauges |
| 1 | WIR1010A | Ride Pro 10 foot extension harness with molded plug |
| 1 | PRE1500 | 150 psi pressure switch |
| 1 | FIT7500 | Compressor tee |
| 2 | FIT4400 | 1/4" airline tee |
| 4 | FIT4201 | elbow airline fitting |
| 5 | FIT4000 | 1/4 x 1/4 male straight fitting supply to manifold/ out to airspring |
| 2 | FIT2000 | 1/8 npt x 1/8 tube straight fitting manifold to gauge fitting |
| 1 | FIT7004 | 1/4 Hex head pipe plug-to-plug unused supply port |

INSTRUCTIONS:

COMPRESSOR MOUNTING AND AIRLINE ROUTING

1. The air compressor and reservoir may be mounted in any convenient location. A 12v power wire of 12ga or larger with a 20 amp inline fuse will be required. This power wire should be run directly to the battery. The fuse should be placed as close to the battery as possible. A 130 psi pressure switch is supplied to activate the compressor according to pressure requirements. The RED wire from the compressor and the 12v positive wire from the battery are connected to the terminals of this switch (either terminal). Vibration mounts are supplied with the compressor to aid in noise reduction.



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2. The airline fittings supplied are the push-to-connect style. The plastic airline must be cut clean and square to seal properly. A safety razor works well, diagonal cutters do not.
3. The airlines should be kept away from exhaust, moving components, and sharp edges.
4. The control panel(s) should be mounted in a convenient location to the driver. The RED wire goes to 12 volt (Switched) at the fuse panel. The GRAY wire is a power source and can be used to power the gauge light if desired. If not used, tape it up and isolate it because ground comes through the solenoid ground wires at the block.

After finishing the installation, double check the clearance around each airspring through the entire wheel travel and the steering travel. Be sure to check for proper tire clearance and for proper ground clearance throughout the entire suspension movement. Take the vehicle for a short test drive and check it again.

REMEMBER:

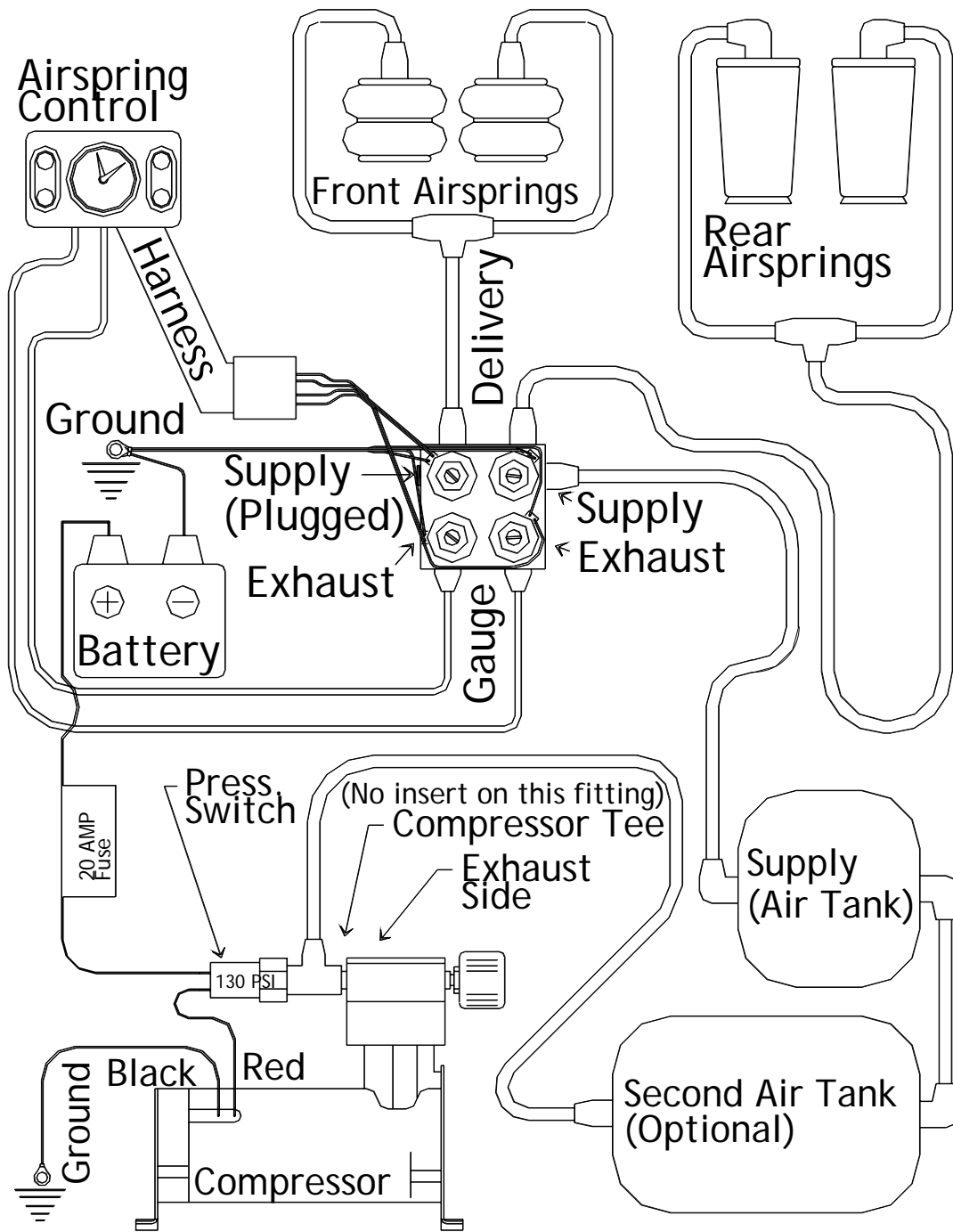
THE AIRSPRING BELLOWS MUST NOT TOUCH ANY THING AT ANYTIME!

A MINIMUM OF 2" OF GROUND CLEARANCE MUST BE MAINTAINED WHEN THE AIRSPRING IS COMPLETELY DEFLATED.

If you have any questions concerning the Air Ride System, please don't hesitate to call us. We want to insure that your installation is done as safely as possible, and that it will be reliable for years to come. **AIR RIDE TECHNOLOGIES 812.482.2932**

ARC2000

New style RidePro harness with plugs molded for switches.



Wiring at control panel:

Gray connects to gauge light

Red connects to "key on" power at fuse box