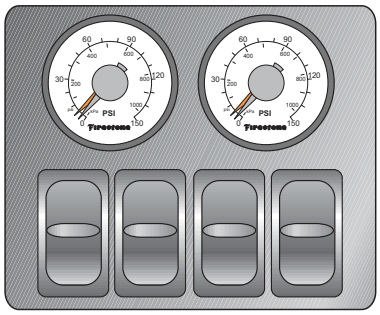

QUAD AIR COMMAND

BY

RIDE-RITE®
COIL-RITE® SPORT-RITE™
AIR HELPER SPRINGS
BY Firestone

PARTS LIST			TOOLS REQUIRED
QUAD AIR CONTROL PANEL	7528	1	3/16" DRILL BIT
30 FT. AIR LINE TUBING	9008	4	3/8" DRILL BIT
15 FT. 18 GAGE WIRE		1	DRILL
10/32" X 1" MACHINE SCREW		2	PLIERS
10/32" LOCK NUT		2	PHILLIPS SCREW DRIVER
"T" FITTING		1	SHARP KNIFE
INFLATION VALVE		1	
#10 FLAT WASHER		4	
NYLON TIE		12	

INSTALLATION INSTRUCTIONS

Congratulations on your purchase of a new Quad Air Command kit. This kit was designed to provide inflation control of your air helper springs. This kit will be an asset to your vehicle, meeting your air supply needs.

Please take a few minutes to read through the instructions, identify the components, and learn how to properly install your Quad Air Command kit.

NOTE ON CONNECTING THE AIR LINE TUBING

Before attempting to press the air line tubing onto the barbed fitting, soak the end of the hose in very hot water for a few minutes. Then press the tubing straight onto the barbed fitting without turning or kinking the tubing. Do not use pliers to work the air line onto the barbed fitting. The tubing must be pressed onto the fitting until it is touching the shoulder of the fitting body.

STEP 1 - LOCATING A MOUNTING AREA

Select a mounting surface under the dash of your vehicle or other protected location. Mark the location for each hole of the panel mounting points using the panel as a template. Drill 3/16" holes at each of the marked areas.

STEP 2 - ROUTE THE AIR LINE

If there is any air in the air tank and / or air springs, release it at this time.

TO THE AIR SOURCE

Route the air line from the air supply fitting on the control panel to the air source. It may be necessary to drill a hole in the firewall to route the air line. Make sure that the air line tubing is protected from sharp edges. A rubber grommet may be installed in the hole in the firewall to protect the tubing from chafing. Insert the other end of the tubing into the push-to-connect fitting on the air tank. Secure the tubing to the vehicle with the provided nylon ties. *Do not fold or kink the air line tubing.*

TO THE AIR SPRINGS

Route the air line from the air fitting on the control panel to the appropriate air spring. Cut the air line as squarely as possible. Insert the air line tubing into the push-to-connect fitting on the air spring. Secure the tubing to the vehicle with the provided nylon ties. Avoid sharp edges, exhaust systems, and other areas that may cause damage to the air line.

STEP 3 - INSTALL THE MANUAL INFLATION VALVE

Install a push-to-connect T-fitting between the control panel and the air tank. Select a location on the vehicle for the manual inflation valve. Drill a 5/16" hole and install the air inflation valve using two 5/16" flat washers per valve. Route a length of air line tubing from the T-fitting to the inflation valve. Route the air line to avoid direct heat from the exhaust pipe and away from sharp edges. Secure the tubing with the provided nylon ties. Push the end of the air line tubing into the inflation valve as far as possible.

STEP 4 - ATTACH THE CONTROL PANEL TO THE DASHBOARD

Install the control panel on the dashboard where the holes were drilled in *Step 2.* Attach the panel to the dashboard or other mounting surface using the enclosed machine screws, lock nuts, and washers.

STEP 5 - WIRE THE CONTROL PANEL FOR ILLUMINATION

There are two wires (one red and one black) attached to the gauge on the back of the control panel. Connect the red wire to a fused dashboard illumination wire. Connect the black wire to a suitable ground source.

Attach the end of the positive wire to a dashboard illumination wire using a wire connector. Slip the wire connector over the existing dashboard illumination wire and insert the un-stripped gauge panel wire into the wire connector. Close the wire connector on to the wires with pliers. Attach the black wire to a ground source by crimping a red ring connector on to the wire and securing it to a suitable ground source on the vehicle. *Note:* Use the supplied 18 gage multi-strand wire to reach a dashboard illumination wire and ground source.

STEP 6 - TEST THE SYSTEM

With the Ride-Rite air compressor accessory kit, air control accessory kit, and air helper springs installed, you are ready to test the system. Reattach the negative battery cable. Turn on the ignition. The compressor will start and build pressure in the system. Push the paddle switches upward to inflate the air springs. The gauge will display how much air pressure is in each air spring. Inflate the air helper springs to *70 P.S.I.* and check the fittings for air leaks with an applied solution of soap and water. If a leak is detected at a tubing connection, check to make sure that the tube is cut as square as possible and that it is pushed completely into the fitting. The tubing can easily be removed from the fitting by first releasing the pressure from the air spring, then by pushing the collar towards the body of the fitting and then pulling out the air line tubing.

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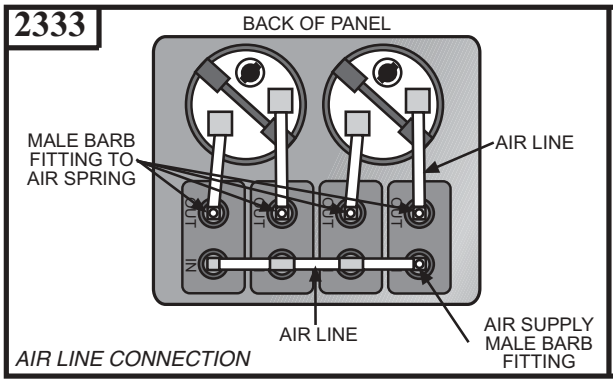
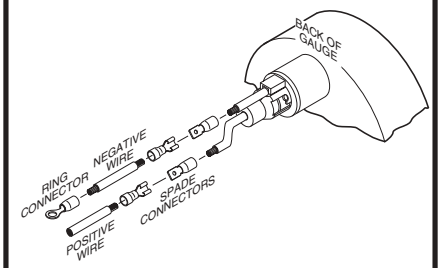
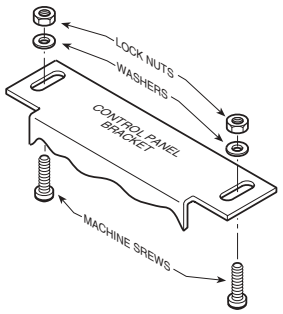


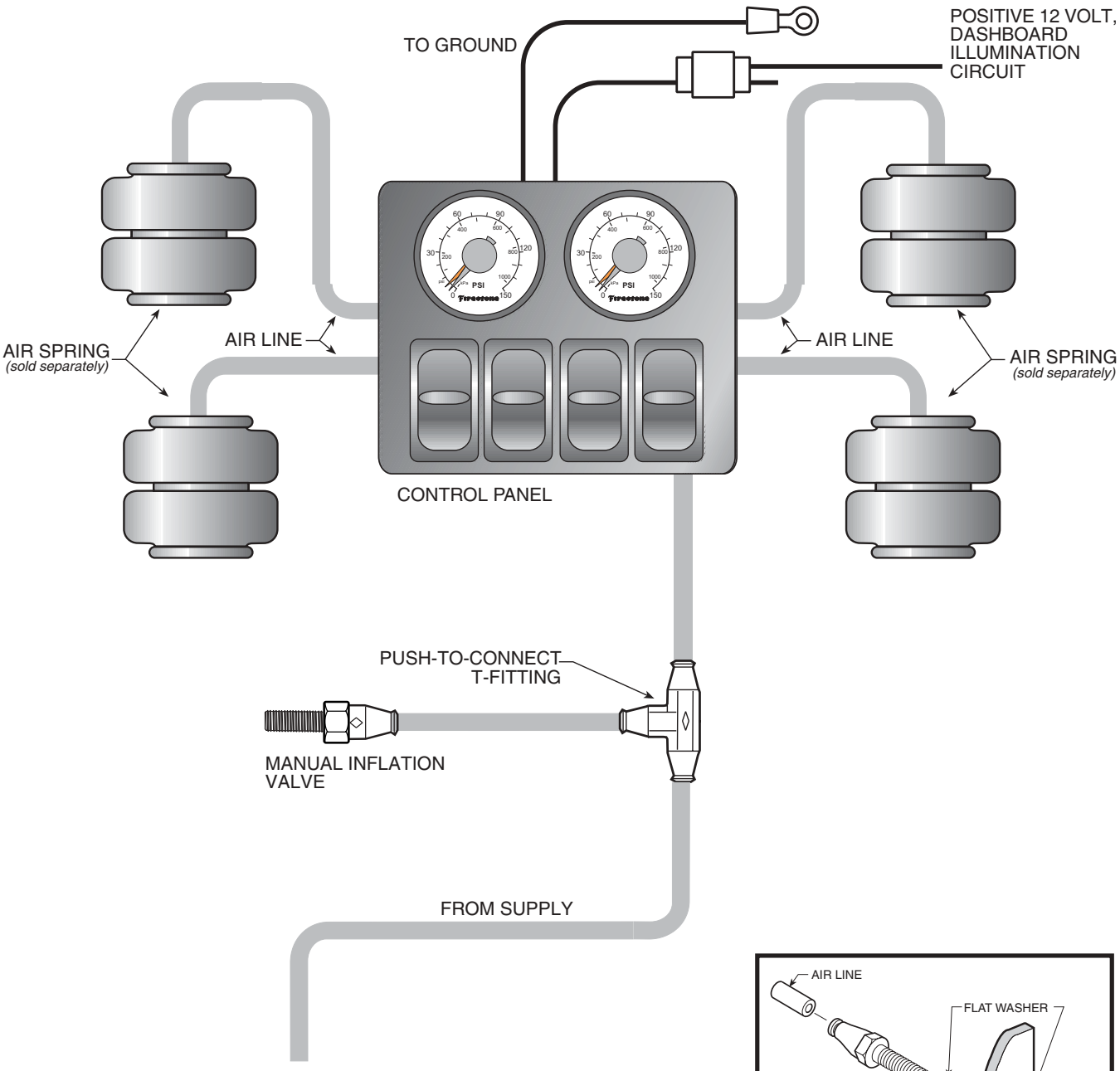
AIR LINE CONNECTION

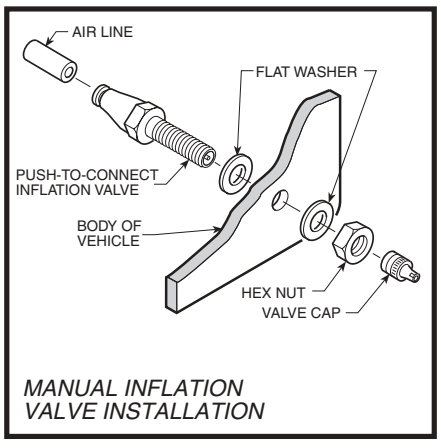


GAUGE LIGHT WIRING



GAUGE PANEL ATTACHMENT





MANUAL INFLATION VALVE INSTALLATION