



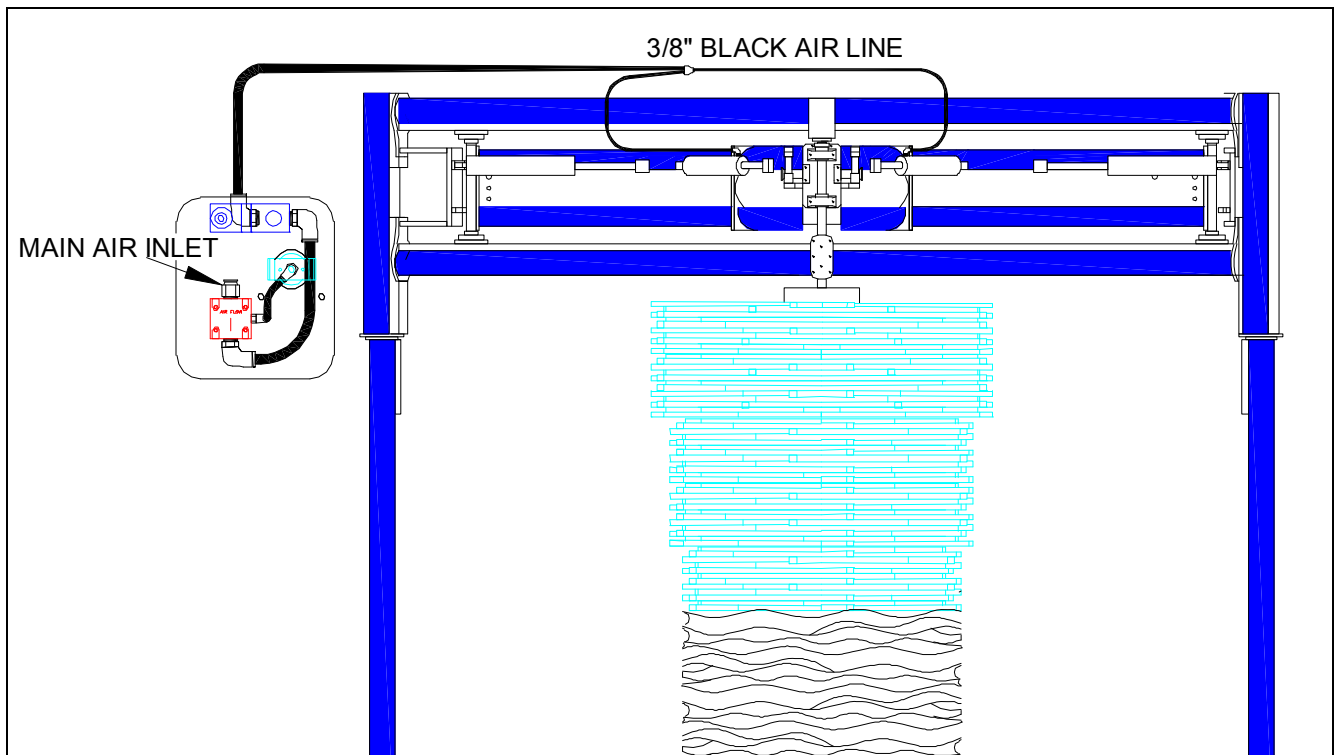
## **WARNING!**

**IT IS IMPERATIVE TO SUPPLY THE CROSS-OVER™ PNEUMATIC SYSTEM WITH “CLEAN DRY COMPRESSED AIR”**

**ANY AMOUNT OF MOISTURE, VAPORIZED OIL OR ANY OTHER IMPURITIES WITHIN THE MAIN AIR SUPPLY MAY AFFECT THE PERFORMANCE OF THE EQUIPMENT AND LEAD TO PREMATURE WEAR OR MAJOR DAMAGE TO THE CROSS-OVER™ DELIVERY SYSTEM OR ITS COMPONENTS**

### Retract Air Panels Installation:

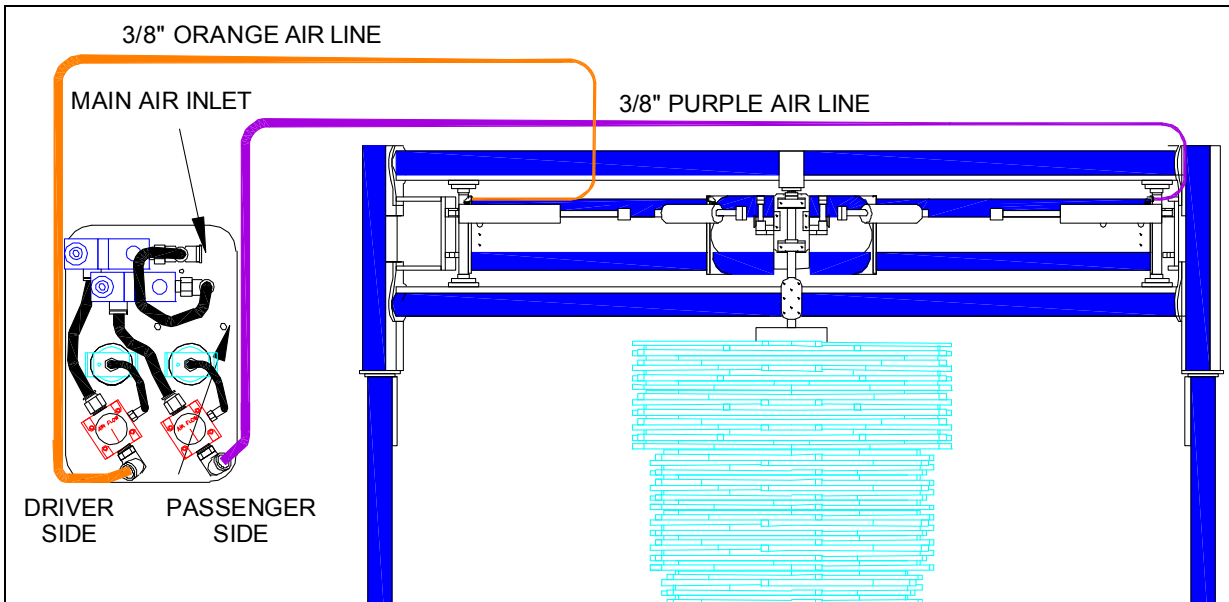
- Confirm** that your existing retract air panels are connected to the **SECONDARY ARMS** (as shown in Picture #1).



Pic #1 Retract Air Panel

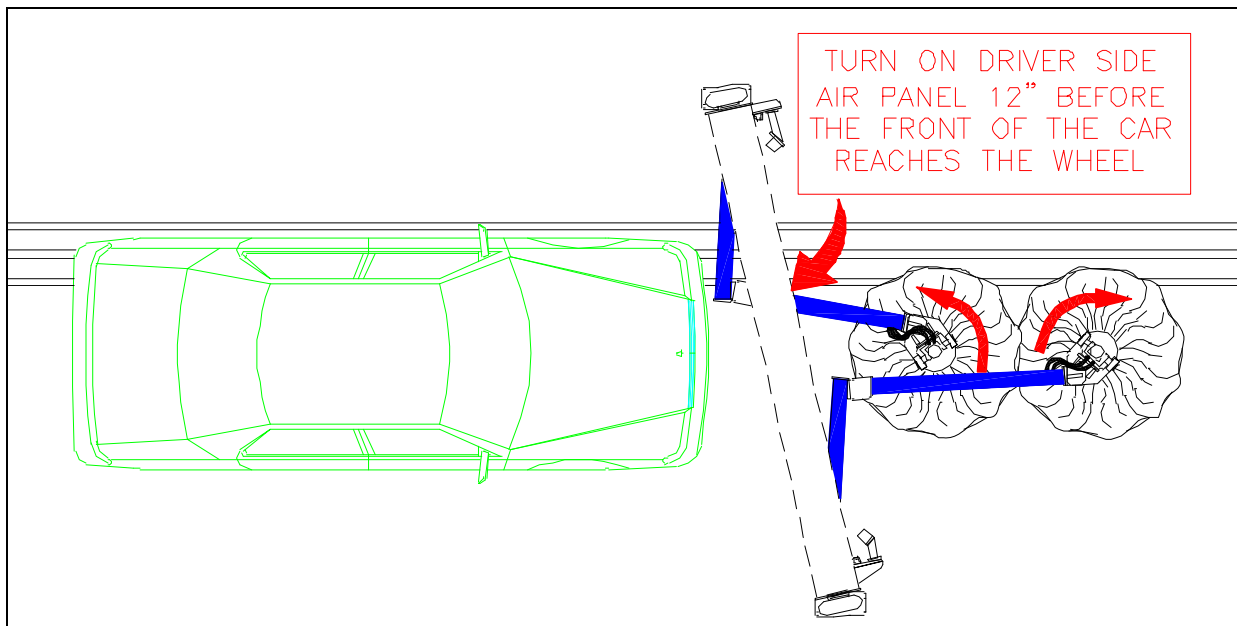
## Optional Mirror Bump Air Panel Installation:

- Bring a 3/8" OD polyflow tubing air line from the main compressed air line to the AIR PANEL. Pull one ORANGE 3/8" OD from the PASSENGER SIDE REGULATOR to the PASSENGER SIDE PRIMARY CYLINDER and connect to the BACK END OF THE CYLINDER (see Picture #2 below).
- Pull one ORANGE 3/8" OD AIR LINE from the DRIVER SIDE REGULATOR to the DRIVER SIDE PRIMARY CYLINDER and connect to the BACK END OF THE CYLINDER (see Picture #2 below).



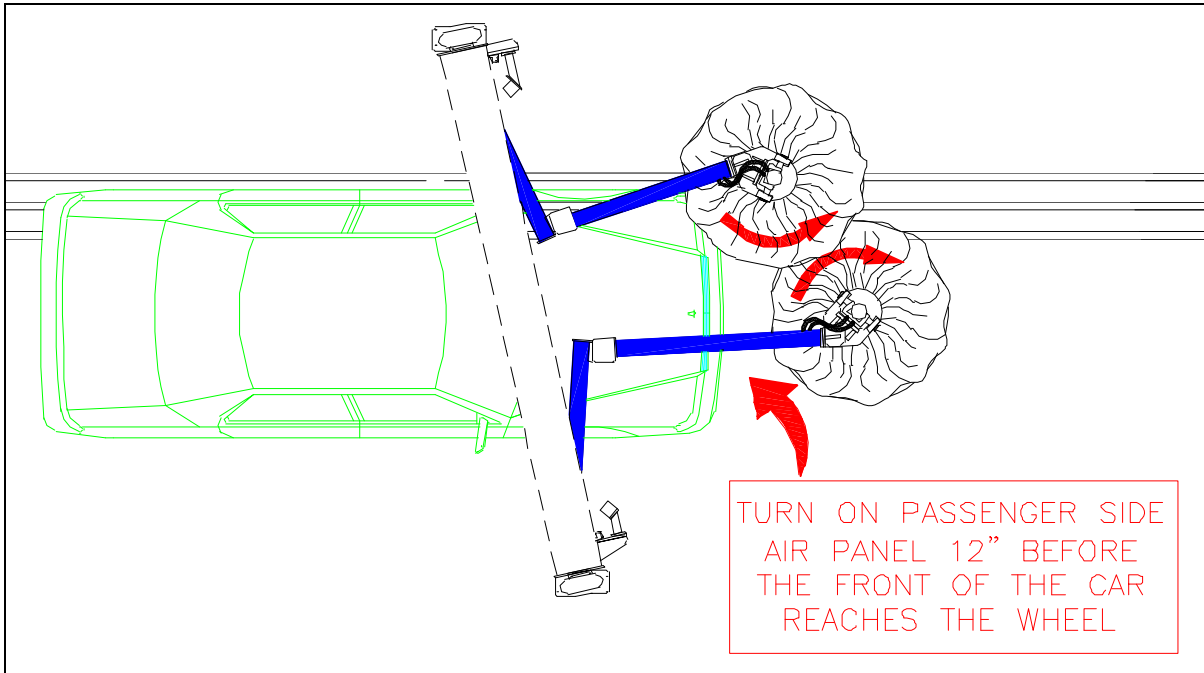
Pic #2 Bump Air Panel

- Connect the DRIVER SIDE SOLENOID VALVE to one OUTPUT FROM THE CAR WASH CONTROLLER and program the output to TURN ON 12' BEFORE THE FRONT OF THE CAR AND STAY ON UNTIL THE DRIVER'S SIDE WHEEL HAS PASSED BEYOND THE MIRROR AREA (ABOUT 9' LONG).

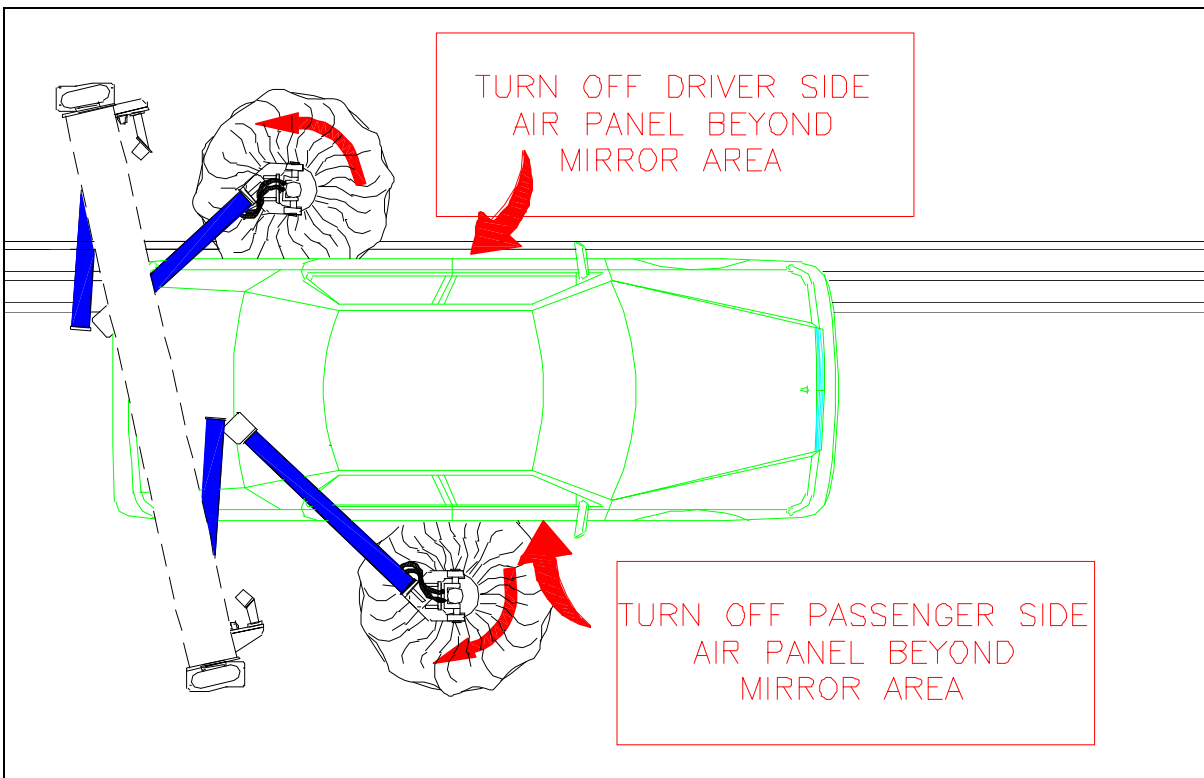


Pic #3 Bump Air Panel 12" Before Front Of Car

- Connect the **PASSENGER SIDE SOLENOID VALVE** to a second **OUTPUT FROM THE CAR WASH CONTROLLER** and program the output to **TURN ON 12' BEFORE THE FRONT OF THE CAR AND STAY ON UNTIL THE PASSENGER'S SIDE WHEEL HAS PASSED BEYOND THE MIRROR AREA (ABOUT 9' LONG).**



Pic #4 Same on Passenger Side



Pic #5 Turn Air Panel OFF Beyond Mirror Area

- Set the air pressure of each air panel regulator to about 10 TO 20 PSI LESS THAN THE PRIMARY CYLINDER AIR PRESSURE. EXAMPLE:**
- **IF THE PRIMARY ARM AIR CYLINDER REGULATOR IS SET AT 50 PSI, THEN SET THE MIRROR BUMP AIR PANEL REGULATOR AT 30 PSI. TO DECREASE THE BRUSH PRESSURE TO THE MIRROR AREA, INCREASE THE REGULATOR TO 35 PSI.**
  - **IF THE PRIMARY ARM AIR CYLINDER REGULATOR IS SET AT 40 PSI, THEN SET THE MIRROR BUMP AIR PANEL REGULATOR AT 20 PSI. TO DECREASE THE BRUSH PRESSURE TO THE MIRROR AREA, INCREASE THE REGULATOR TO 25 PSI.**

## Warranty and Return Procedure:

**Motor City Wash Works** warrants this product to be free of defects in material and/or workmanship for a period of **one year** from the date of purchase from MCWW. During the warranty period MCWW will at its discretion, at no charge to the customer, repair or replace this product if found defective, with a new or refurbished unit, but not to include costs of removal or installation. Any product returned to MCWW for warranty has to have a **Return Material Authorization Number**. All shipping costs to MCWW are assumed by the customer. This is only a summary of **MCWW's Limited Warranty**. Please, communicate with MCWW for our complete warranty. **Prior** to returning any product to MCWW, the customer must call in for a **Return Material Authorization Number** and a copy of our **Return Material Authorization** Form must be completed. The **RMA** number must be written clearly on the outside of the shipping package and a copy of the form must be included in the package.