

Installation Instructions

Section 1 – Installing the Vacuum Source

Always take your time, nothing has to be forced and be very careful not to drop hardware into car.

- 1) Remove the driver's side and passenger side cowls (1 screw) and passenger grill (2 screws). These are located in front of the windshield (over the radiator area). When removed they will expose the fuse box (passenger side) and the brake master cylinder (driver side). Set the cowls and grills aside.



- 2) Remove the fuse box screws (2) being careful not to drop the white spacers between the fuse box and its attachment points. There is enough slack in the wiring harness to allow it to twist out of the way for easy access to the heater hoses.



3) Remove the windshield motor cover (2 screws and 1 tie wrap). Set aside.



4) On the brake master cylinder vacuum booster, locate and remove the vacuum check valve and hose assembly. It is a large vacuum line (1/2 inch or so). It will pull out of the booster with some coaxing. It will help to pump the brakes several times after the engine has been turned off to drain down the residual vacuum in the booster.



- 5) From the passenger side, pull the vacuum hose that was just removed from the booster across to allow better access to it.



- 6) Cut the booster hose off squarely approximately 6" from the check valve.

- 7) Get the vacuum tee and snap it off as required to snugly fit inside the booster hose. Snap off the ends so that there will be a straight path through the tee to the check valve (see picture). Use a drill bit to make sure no flashing is restricting the flow through the tee. Be careful not to snap off the bottom of the tee. This small nipple will be used as the vacuum port for the heater bypass valve.



- 8) Secure the two large vacuum lines with worm clamps (tie wraps are used in the picture)



- 9) Attach the 3' piece of 1/8 vacuum hose to the small barb remaining on the vacuum tee. Secure this line with a small tie-wrap.
- 10) Thread the large vacuum hose back to the driver's side making sure not to damage or pull-off the small vacuum line. Push the check valve back into the brake master cylinder booster completely. Wetting the white plastic a bit makes it easier to reinsert. You have now completed the vacuum source plumbing.

End Section 1