

Ford Ecoboost V6 3.5, 2.7, 3.0 Venturi Valve Supplement

Less holes to drill

This new development allows you to not need to drill the passenger side intake tube or the airbox. It also eliminates the need to relocate the flow sensor for 2015 and up.

You will simply unsnap the hard line from the driverside (or front on the transverse mount) valve cover, and cap as before. You will then insert the 3/8 NPT male x 1/2" barb plastic fitting into the end of the hard line. Then cut a short piece of the included 1/2 hose to connect it to the CSS barb.

The other end stays snapped into the intake tube on that side. This eliminates the need to relocate the flow sensor, and no drilling into the air box either.

To install the new Venturi Vacuum Barb, you will drill into the driverside turbo inlet tube between the CSS connection and the turbo inlet. Use a 25/64" drill bit. Start the hole straight and then end at an angle so the end result looks like these pictures:



The second outer fitting from the can with inline checkvalve flowing AWAY from the can will connect to this barb. It does not need to be super close to the turbo, just between the cleanside barb and the turbo. Seal with RTV and tape or zip tie in place until RTV cures overnight.