

## CTS Gen3 EA888.3 BOV/DV installation guide

This motor is commonly found in 2014+ Jetta 1.8TSI/2.0TSI, Passat, New Beetle

Product ID: CTS-BV-0009-3, CTS-DV-0002-3.

Tools required:

Hand tools, including a metric socket set, torx bits set, screwdrivers, pliers, side cutters or knife

¼" ratcheting bit driver

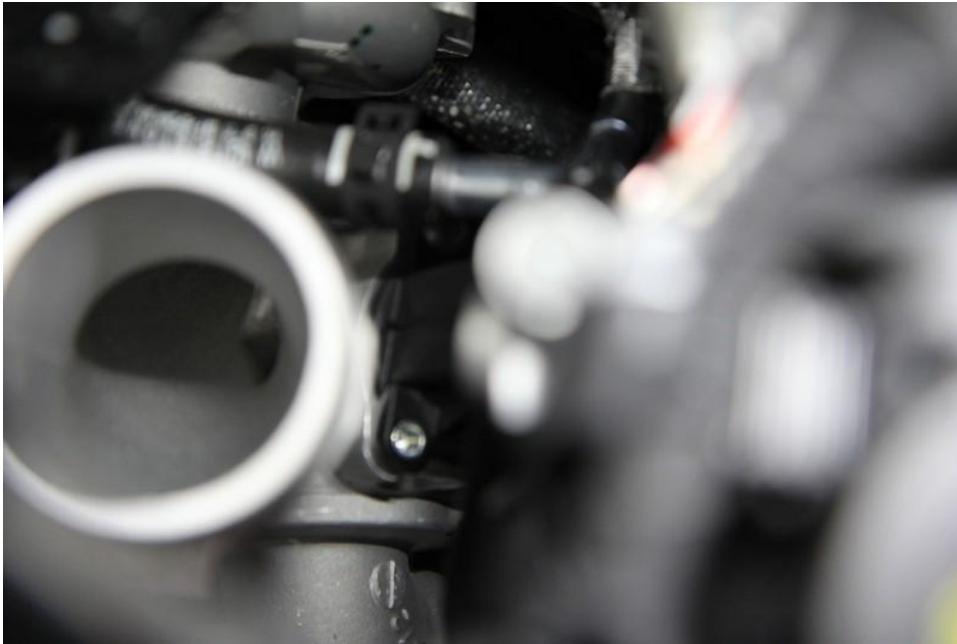
Telescoping mirror and light source

Lift the car and secure it via jack stands or lift.

Remove air intake and cover the turbo inlet to prevent anything from falling into it.



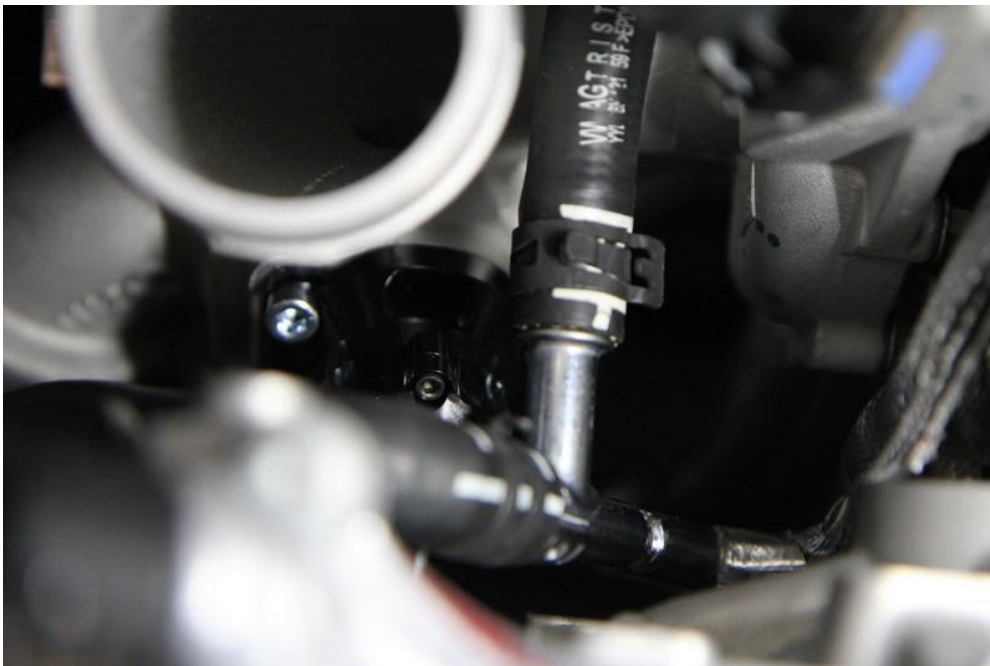
Locate the OE diverter valve on the passenger side of vehicle, look down where the intake was attached to turbo inlet. Disconnect the electrical harness on the diverter valve.



Remove 3x T30 Torx bolts holding OE diverter valve in place. This can be accomplished by using a ratcheting bit driver and a T30 torx bit. A telescoping mirror is helpful when locating the bolts. Be careful not to drop the bolts!



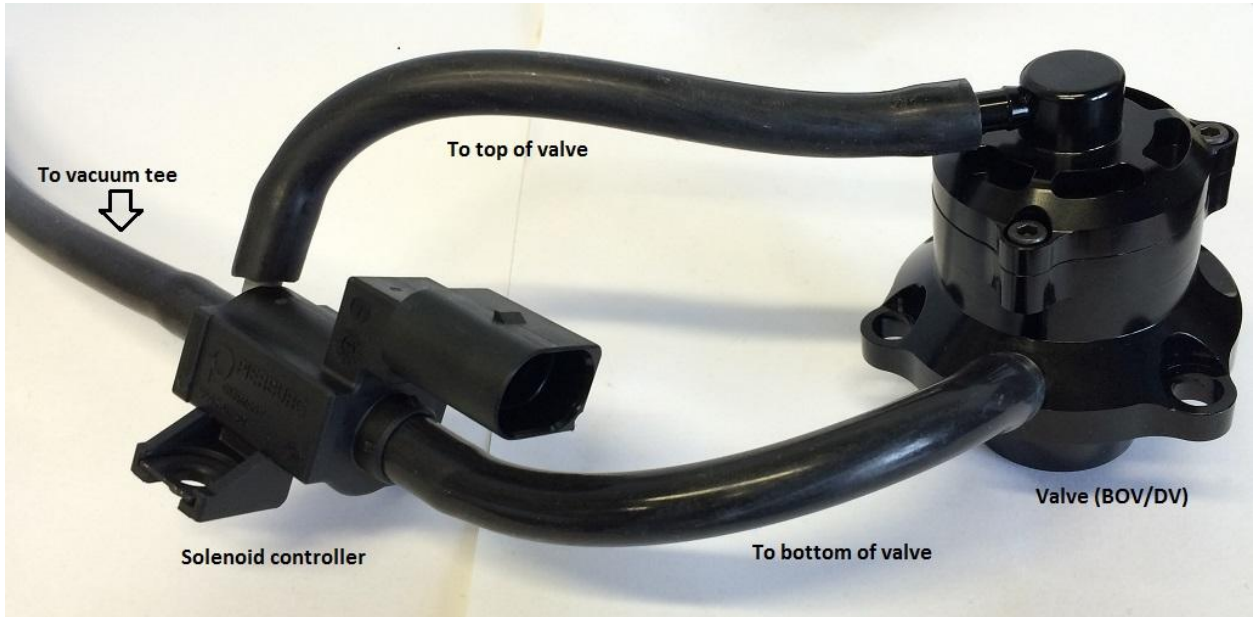
Remove the OE diverter valve and install the CTS BOV or DV. Make sure all the supplied o-rings are in place. Secure the CTS BOV or DV using supplied Allen cap bolts. Use the ratcheting driver and mirror.

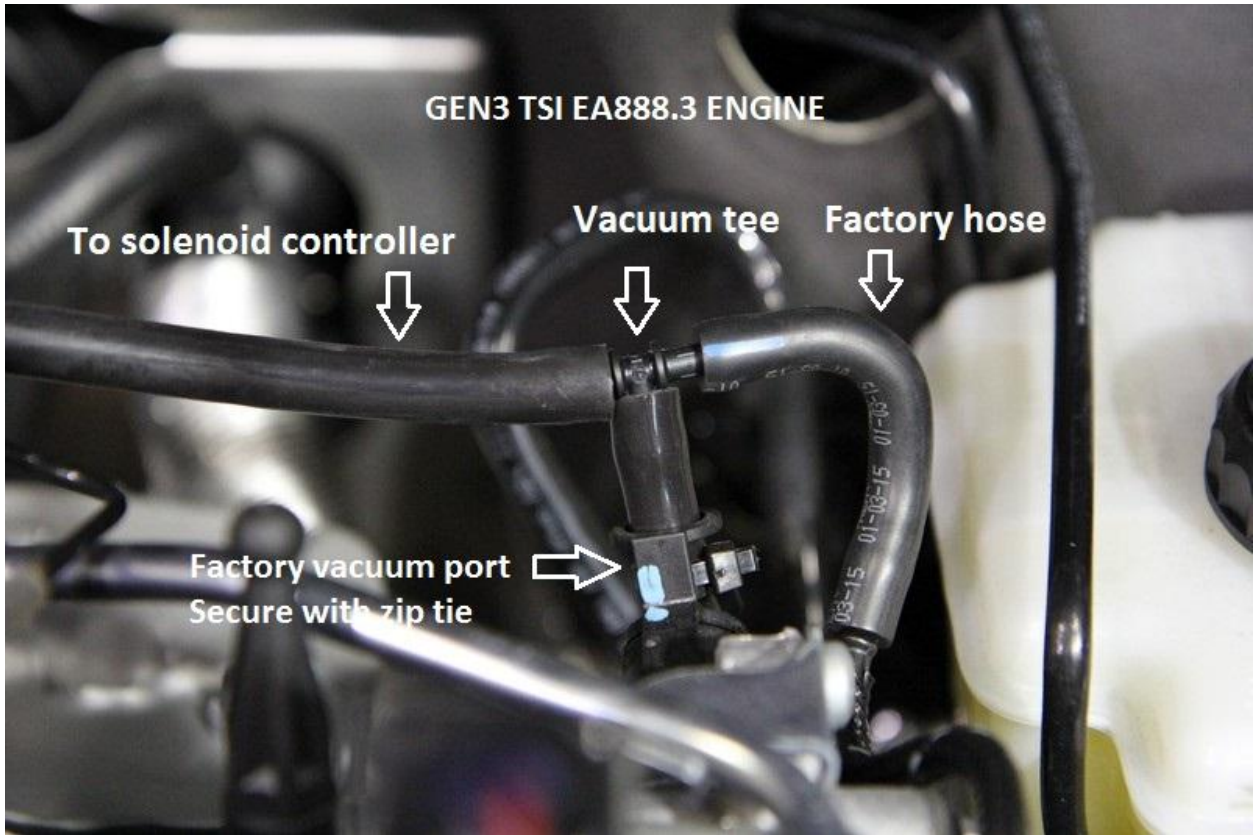


Install the electrical solenoid and connect the harness.



Connect vacuum lines as shown. Use supplied vacuum tee to attach the vacuum line to the vacuum source on the driver's side of the engine. Route vacuum lines carefully and away from the heat.





Reinstall air intake.



Start and test drive vehicle. Check for proper operation and any vacuum/boost leaks.

You are done!