



## **XP Turbo/S & Pro XP Blow-Off Valve 2.0 (BOV) Kit**

**SKU(s): 100FP0117**

### **INCLUDED PARTS**

(1) EVP Blow-Off Valve
(2) 20-32mm Screw Clamps
(2) 11.3mm Pinch Clamp
(1) Pre-Assembled Hose Kit
(1) Block-off Plug (3/16" - 1/8")
(1) Blow-Off Valve Filter
(2) Cable Ties

### **REQUIRED TOOLS**

Pinch Clamp or Side Cutters
Flat Blade Screwdriver

### **Install Instructions:**

**Step 1:** Remove the rear access panel to the top of the engine. Using a side cutter, remove OEM clamps that secure the factory diverter valve to the charge tube and recirculation hose. DO NOT damage the OEM port/hose. Discard the clamps.

**Step 2:** Remove OEM diverter valve from the charge tube. Using a side cutter, carefully remove the clamp on the factory diverter valve vacuum line from the OEM y-fitting that is located on top of the engine. (See Figure 1 – **NOTE:** Our image shows a t-fitting, but the OEM part is a y-fitting)

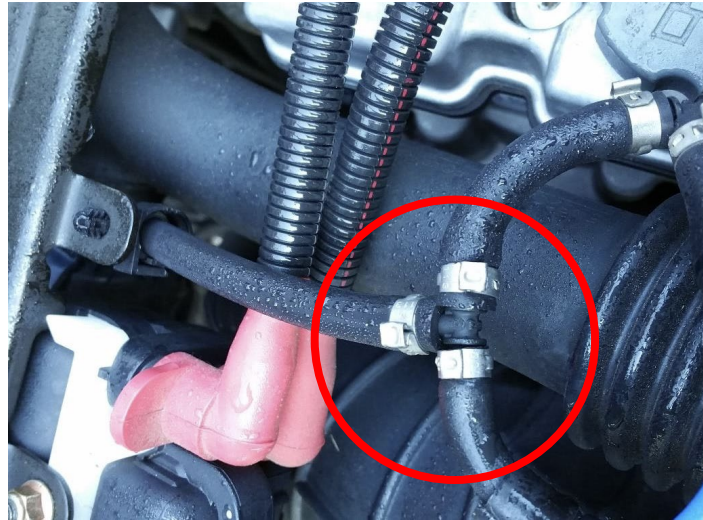


Figure 1.

**Step 3:** Install the EVP supplied 11.3mm pinch clamp onto the long end of the supplied vacuum hose and install the hose onto the free barb of the OEM y-fitting, this is the barb where the OEM line was attached to and removed in the previous step. Using a pinch clamp tool or side cutter, pinch the 11.3mm clamp to secure the y-fitting.

**Step 4:** Install the filter onto the EVP BOV and secure with the supplied cable tie. Make sure the barb on the EVP BOV cap protrudes through the filter hole.

**Step 5:** Slide the remaining 11.3mm pinch clamp onto the free end (short end) of the vacuum. Install the hose onto the BOV barb that protrudes through the filter and pinch the clamp with a pinch clamp tool or side cutters to secure the line to the EVP BOV.

**Step 6:** Install the EVP BOV into the charge tube port and secure with the supplied screw clamp. (See Figure 2)



Figure 2.

**Step 7:** Install the block-off plug into the OEM hose where the OEM valve was plumbed into and secure with remaining screw clamp. Secure hose with the last cable tie. If desired, this hose may be cut, and the block-off plug installed in the shortened section. In this case, it may not be necessary to zip tie the hose. (See Figure 3)



Figure 3.



## INSTALLATION INSTRUCTIONS

Thank you for choosing Evolution Powersports products. If you require further assistance, please call our Tech Support @ (715) 247-3862

**Note:** This product is exempt from the emission standards and related requirements of 40 C.F.R. § 1051 as provided by 40 C.F.R. § 1051.620, and California law [e.g., vehicle code §§ 27156 and 38391]. This product is sold only for use in connection with EPA certified, purpose-built, nonroad vehicles used solely for closed course, nonroad competition/racing and not used for any recreational purpose or on public highways or right of ways maintained by and open to the public. This product is sold only in connection with machines that do not fall under state and/or federal noise or emission standards/regulations. Purchasers who/that purchase this product represent and warrant that the product is purchased only in connection with EPA -certified, emission-regulations-exempt and noise-regulations-exempt competition/racing vehicles as interpreted under applicable state and/or federal law. Questions: Call Evolution Powersports at (715) 247-3862.

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