



X3 Boost Recirculating Valve 2.0 (BRV) Kit

SKU(s): 100FC0125

INCLUDED PARTS

(1) EVP 2.0 Boost Recirculating Valve
(1) EVP BRV Silicone Hose
(1) Manifold Port Adaptor
(3) 20-32mm Worm Drive Clamps
(1) "Y" 3/4" x 3/4" x 3/4" Fitting
(1) Straight 3/4" x 3/4" Fitting
(2) 25-40mm Worm Drive Clamps
(2) Zip Tie
(1) 12" BRV Vacuum Hose
(2) 13.3mm Pinch Clamps

REQUIRED TOOLS

8, 10, 11mm Socket
Flat Blade Screwdriver
Side Cutters



INSTALLATION STEPS:

Step 1: Remove intercooler.

Step 2: Remove both charge tubes from the intercooler, fully remove the charge tube on the turbo.

Step 3: Remove the crank case vent line and fitting from the v-flow intake. **NOTE:** If you have a catch can installed, the v-flow will be plugged off and the crank case vent line will be ran to the catch can.

Step 4: Install the Y fitting into the v-flow intake. **NOTE:** Only if you do NOT have a catch-can already installed on the car. If you have a catch can installed use the 3/4"-3/4" straight. (See figure 1)



Figure 1

Step 5: Route the Boost Recirculating Valve hose over the bottom charge tube going to the throttle body and connect it to the v-flow if you have a catch can installed. (Figure 2). If you do not have a catch can installed, route the crank case vent hose underneath the charge tube and the Boost recirculating valve hose over the charge tube. Connect both hoses to the “Y” fitting leading into the v-flow. Make sure the hoses will not get pinched by the intercooler. If adjustments need to be made, loosen the v-flow, and spin it to change the angle of the crank case/boost recirculating hoses come in. (See figure 3)



Figure 2

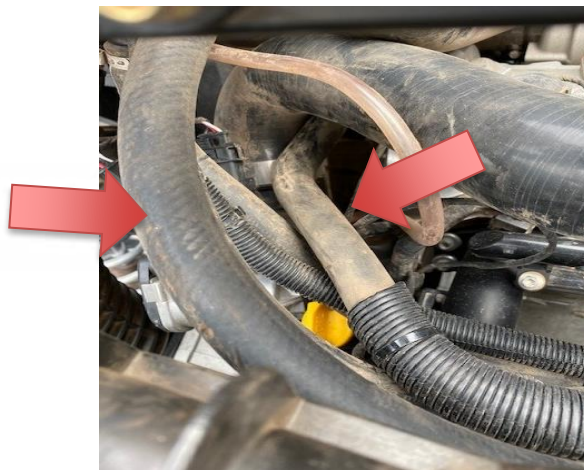


Figure 3

Figure 4: BRV hose connected to the V-Flow intake.
Figure 5: Crank case/BRV connected to the v-flow.

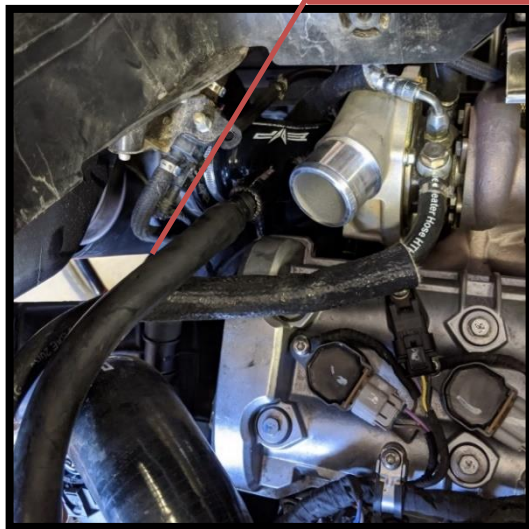


Figure 4



Figure 5

- Step 6:** Connect the base of the BRV into the charge tube. Tighten down with a 25-40mm worm drive.
- Step 7:** Connect the 1" side of the EVP hose to the BRV and clamp it with the last 25-40mm worm drive. Connect the other end of the silicone hose to the V Flow. (See Figure 6)
- Step 8:** Connect the 3mm vacuum end to the BRV port located on the cap. Use a 13.3mm pinch clamp. Route the 6mm vacuum line down to the plenum. If you don't already have a port adaptor mounted on the plenum, remove the Torx screw and remove the plug. Install the EVP port adaptor and fasten down with the OEM Torx screw. Connect the 6mm to the plenum and fasten with a 13.3mm pinch clamp.
- Step 9:** Reinstall the intercooler, connect both charge tubes to the intercooler, reconnect the fan harness to the intercooler. Tighten down.



Figure 6

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.