

**Part #'s:** W15-XS-RFL

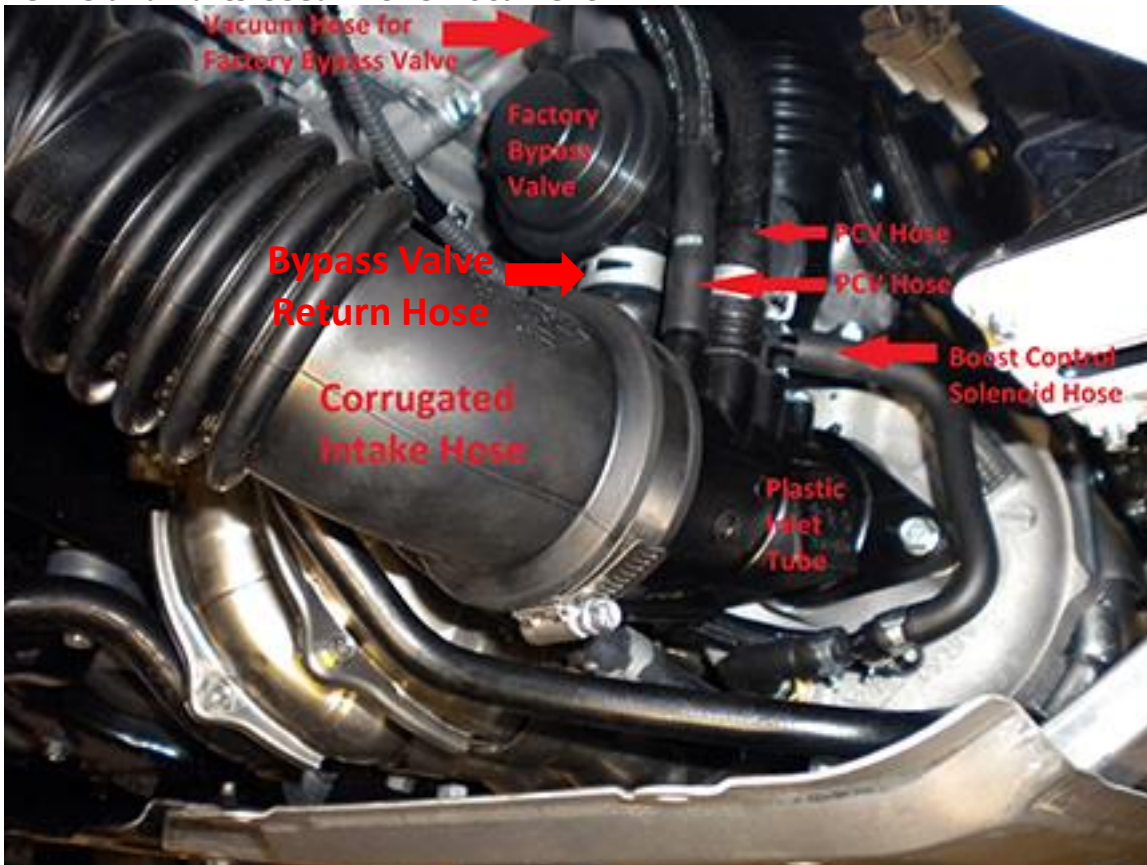
**Description:** Blow Off Valve; Type XS; 2015 Subaru WRX (NOT STi)



Item #	Part #	Description	QTY
1	W15-XS-RFL	Blow Off Valve; Type XS; 2015 Subaru WRX (NOT STi); Direct replacement for factory bypass valve	1
2	FW25MM1.7MMZP	Flat Washer; Zinc Plated; 25mm OD; 1.7mm Thick; Used to adjust the spring stiffness if necessary	6
3	SVH5MMBLK	Silicone Vacuum Hose; 5mm ID; 150mm length; Used to extend the factory vacuum signal hose to reach the nipple on the cap of the TurboXS Hybrid Blow Off Valve	1
4	C5MM5MM	5mm to 5mm Coupler; Used to couple the factory vacuum signal hose to the included 5mm Vacuum Hose	1
5	ZT100MM	Zip Ties; 100mm length; Used to secure the vacuum hoses to the coupler and the valve	3
6	W15-VTA-PLUG	BOV Return Hose Plug; W15-XS-RFL	1

## Installation Instructions

### Terms and Parts Used in this Document:



1. Remove the plastic undertray from the car to get access to the Factory Bypass Valve.

## 2. Uninstall the Factory Bypass Valve:

- a. Locate the Factory Bypass Valve. It is located at the lower front of the engine bay, towards the USDM passenger side right next to the turbocharger compressor cover.
- b. Use an 8mm socket to loosen the clamp on the factory intake tube and remove the corrugated intake hose from the plastic inlet tube.
- c. Remove the two (2) PCV hoses from plastic inlet tube.
- d. Remove the vacuum hose from the boost control solenoid.
- e. Remove the vacuum signal hose from the factory bypass valve.
- f. Use an 8mm socket to loosen the hose clamp that secures the factory bypass valve inlet to the hose on the turbocharger outlet hose.
- g. Use a 10mm socket with long extension to loosen and remove the two (2) bolts that hold the plastic inlet piece to the turbocharger.
- h. Un-clip the boost control solenoid connector.
- i. Completely remove the plastic inlet tube from the turbocharger with the factory bypass valve still attached to it.
- j. Use pliers to compress the spring clamp on the factory bypass valve outlet, slide it down, and remove the factory bypass valve from the plastic inlet tube.

## 3. Install the TurboXS RFL Blow Off Valve

- a. Insert one end of the 5mm hose coupler into the factory bypass vacuum signal hose and the other end into the supplied 5mm black silicone vacuum hose. Secure with zip ties.
- b. Insert the BOV Return Hose Plug (W15-VTA-PLUG) into the return hose on the plastic inlet tube and use pliers to secure the plug with the factory spring clamp.
- c. Insert the inlet of the TurboXS valve into the hose on the turbocharger outlet hose and secure with factory hose clamp using 8mm socket.
- d. Use a 10mm socket with long extension to tighten the two (2) bolts that hold the plastic inlet piece to the turbocharger.
- e. Clip the boost control solenoid connector back in place.
- f. Re-install the now extended vacuum signal hose to the TurboXS valve and secure with zip tie.
- g. Re-install the factory vacuum hose to the boost control solenoid.
- h. Re-install the two (2) PCV hoses to the plastic inlet tube.
- i. Re-install the corrugated intake hose to the plastic inlet tube and tighten hose clamp with 8mm socket.