



## Removal and Installation Instructions for Leyo Motorsports Blow-Off Valve (BOV)

### Tools required:

Channel Lock Pliers	#2 Flat Blade Screw Driver
Dykes (Cutting Pliers)	T27 Torx Driver
Snap Ring Pliers (recommended)	WD-40 (Silicon Lube)
5mm Allen Wrench	Tape Measure (optional)
3mm Allen Wrench	Snake Magnet (recommended)



## **BOV removal instructions:**

*Step 1-* Using #2 Screwdriver, remove hose clamp on back of intake hose



*Step 2-* Using Channel lock pliers, remove pinch clamp on front of intake hose





*Step 3- Unplug Control Solenoid connector by squeezing lock tab with thumb*



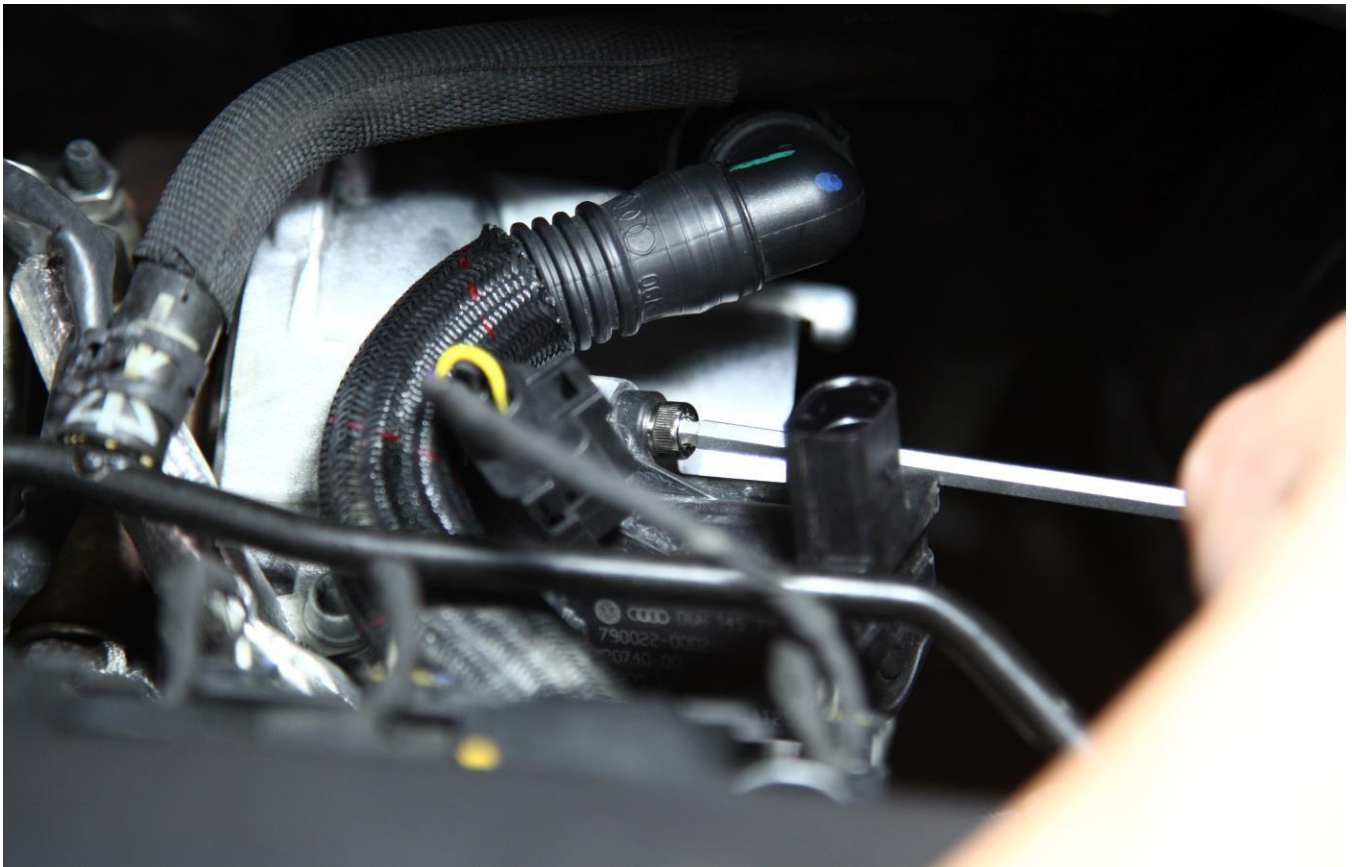
*Step 4- Using T27 Torx driver, remove torque screw on Turbo Inlet pipe*



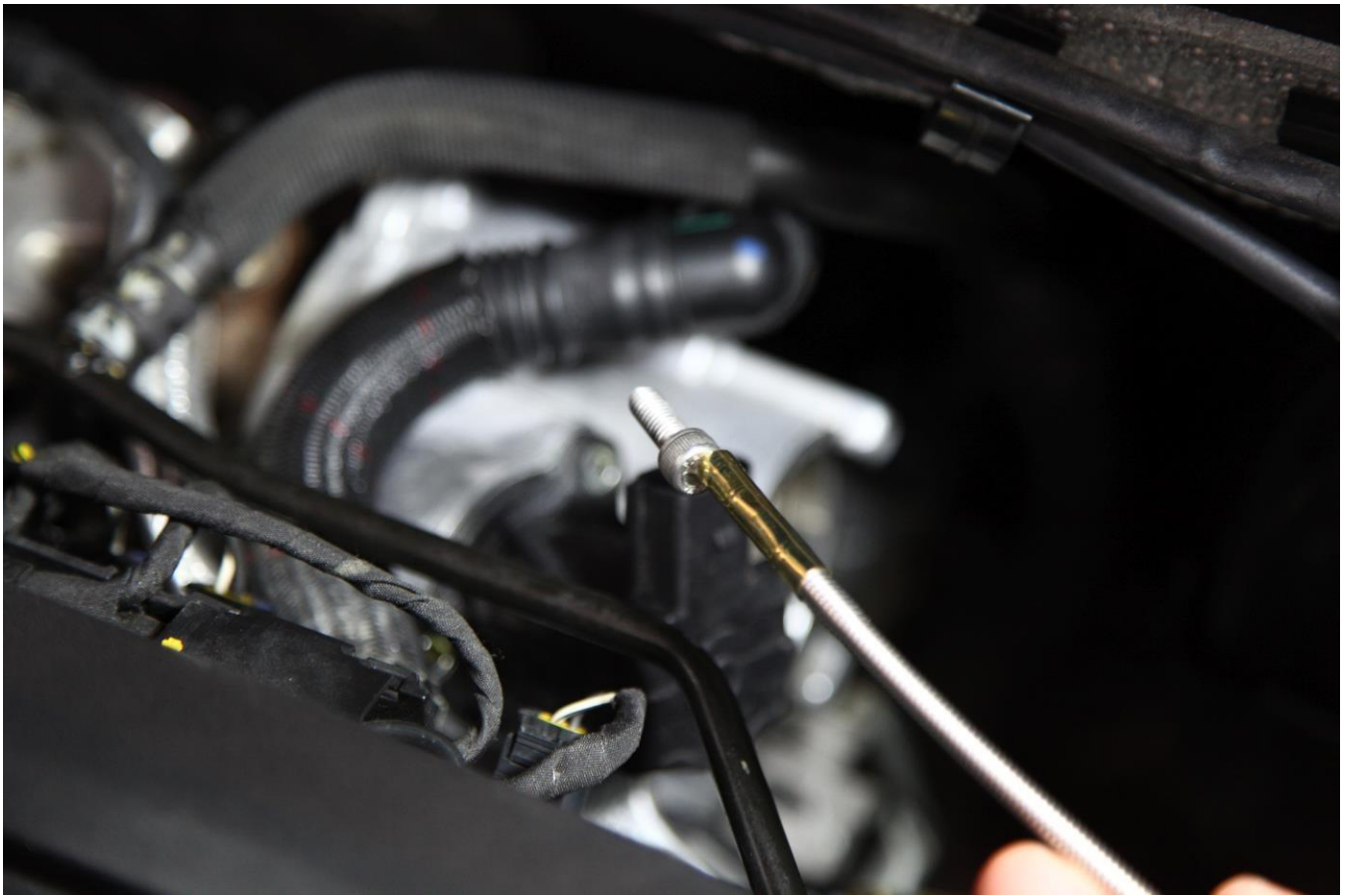
- After removing Torx Screw, squeeze PVC inlet connector to disconnect
- After PVC is disconnected, rotate Turbo Inlet Pipe toward rear of vehicle and remove



*Step 5-* Remove 3 5mm Allen Bolts on BOV using 5mm Allen wrench and Snake Magnet (recommended)







- Once BOV is removed, use rag to clean surface



**Leyo Motorsports Blow-Off Valve (BOV) installation instructions:**

*Step 1-* Apply small amount of Grease/Silicon/WD-40 to Leyo Motorsports BOV O-Ring



*Step 2-* Install BOV with 3 Allen Bolts (careful not to cross thread), and make finger tight (approx. 12ft/lbs)





*Step 3-* Using Dykes (cutting pliers) cut piece of silicon hose (measure off engine cover or approx 4cm)



*Step 4-* Remove factory hose from PVC





*Step 5-* Use WD40 to lubricate inside of silicon hose and connect 4cm piece to “T” connector



*Step 6-* Using Dykes (cutting pliers) cut piece of silicon hose (measure off engine cover or approx 30-33cm)





*Step 7-* Use WD40 to lubricate inside of silicon hose and connect 30-33cm piece to “T” connector



*Step 8-* Use WD40 to lubricate inside of OEM PVC hose and re-connect “T” connector



Step 9- Using 3mm Allen Wrench, attach new Control Solenoid to supplied bracket using loc-tite supplied screws

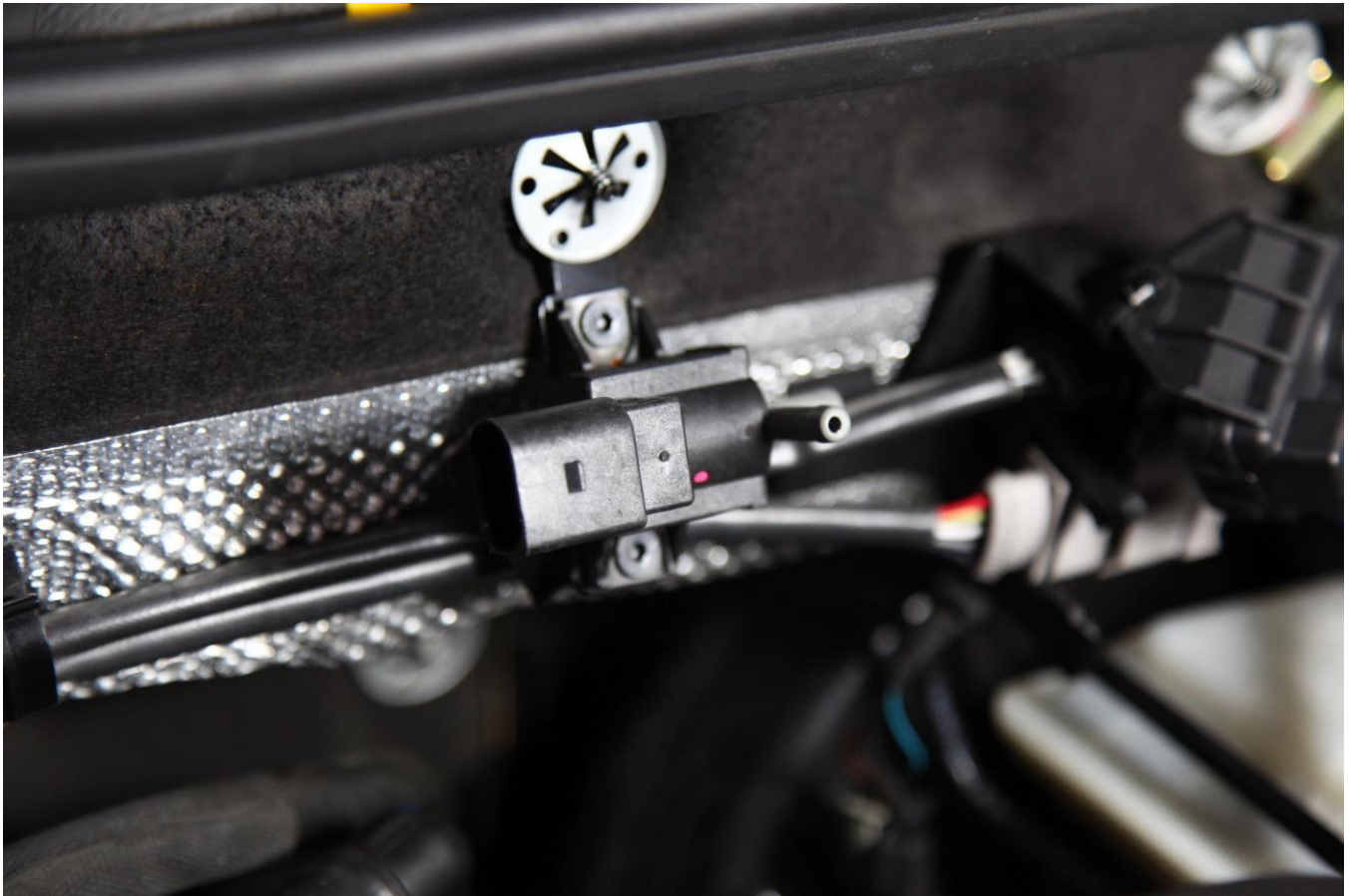


Step 10- Using snap ring pliers, un-thread washer retainer on firewall (warning- washer retainer is sharp)





*Step 11-* Using snap ring pliers, attach Control Solenoid and bracket to firewall (connector facing vehicle right)

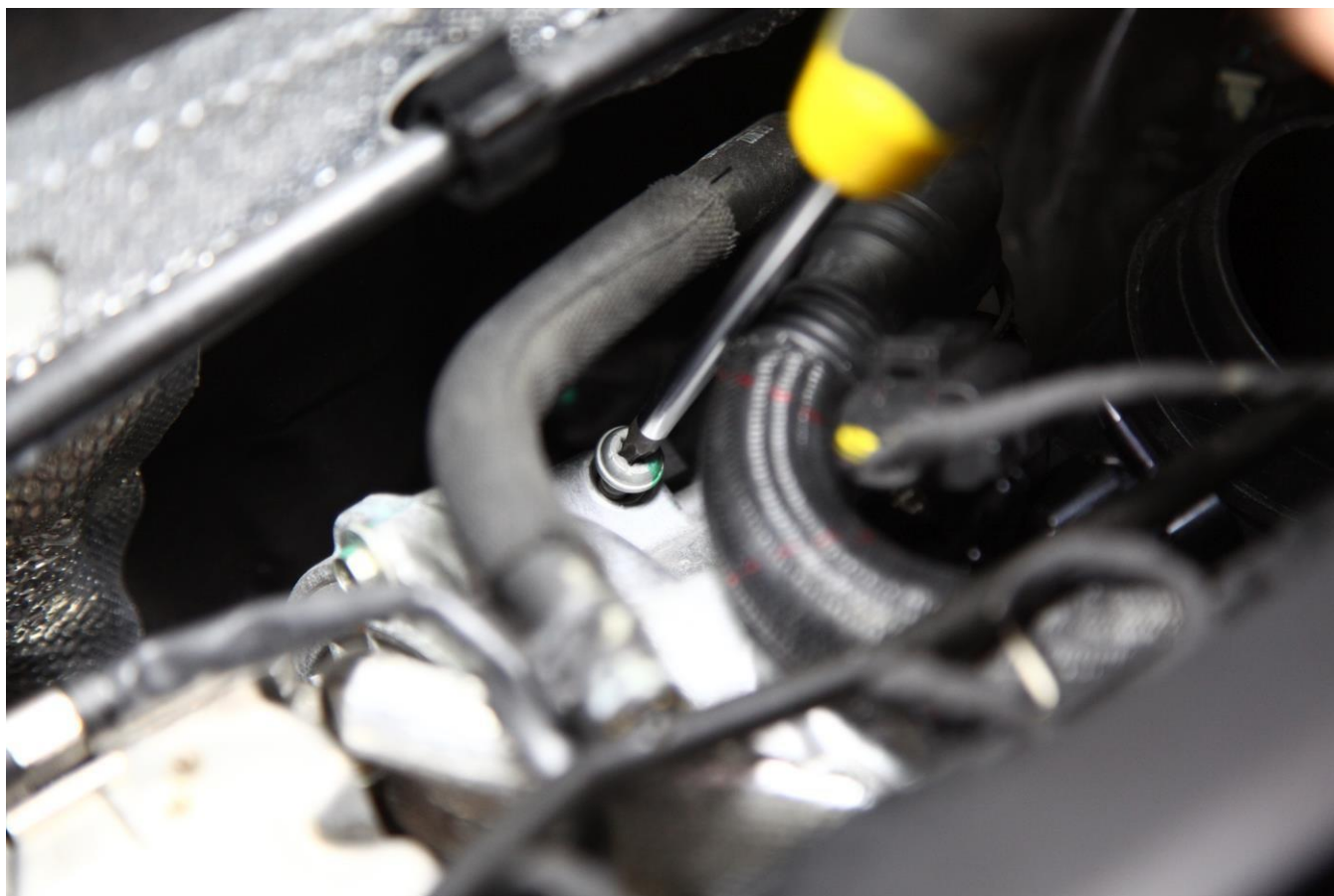


*Step 12-* Use WD40 to lubricate inside of silicon hose and connect 30-33cm piece to Control Solenoid

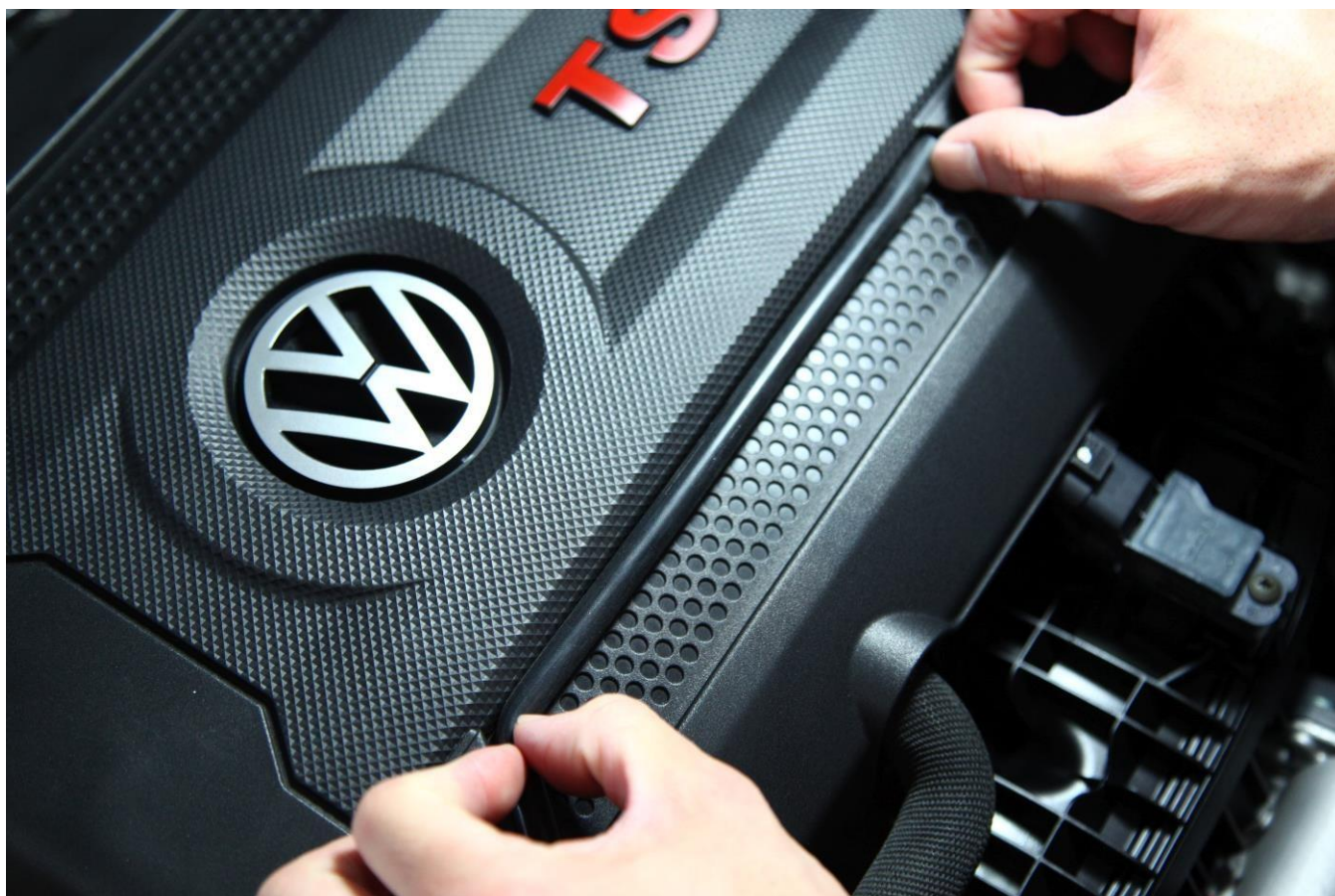




*Step 13-* Using T27 Torx driver, re-install Turbo Inlet Pipe (install from vehicle left and rotate towards front)

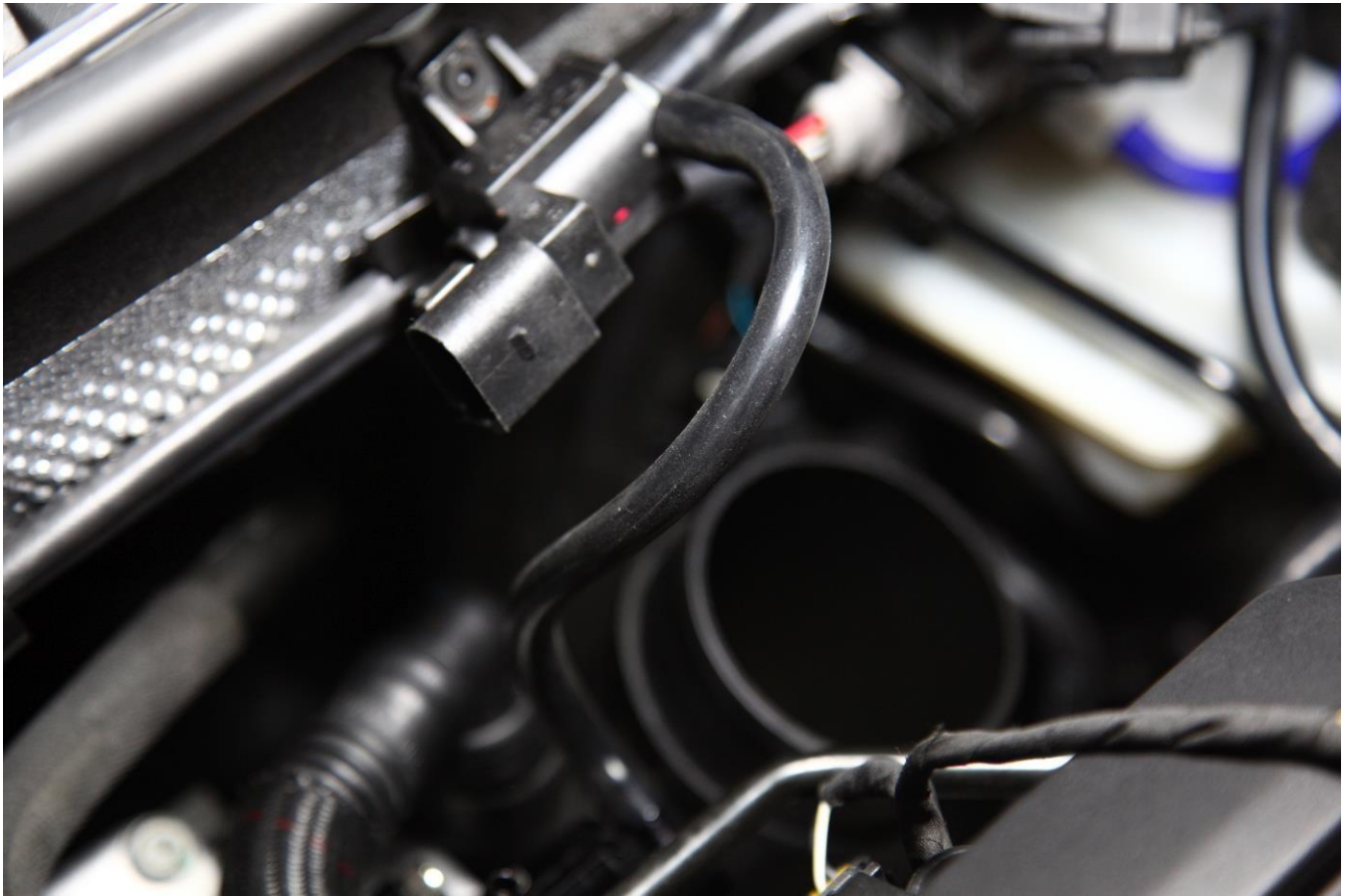


*Step 14-* Using Dykes (cutting pliers) cut piece of silicon hose (measure off engine cover or approx 21cm)





*Step 15-* Use WD40 to lubricate inside of silicon hose and connect 21cm piece to Control Solenoid



*Step 16-* Use WD40 to lubricate inside of silicon hose and connect 21cm piece to BOV

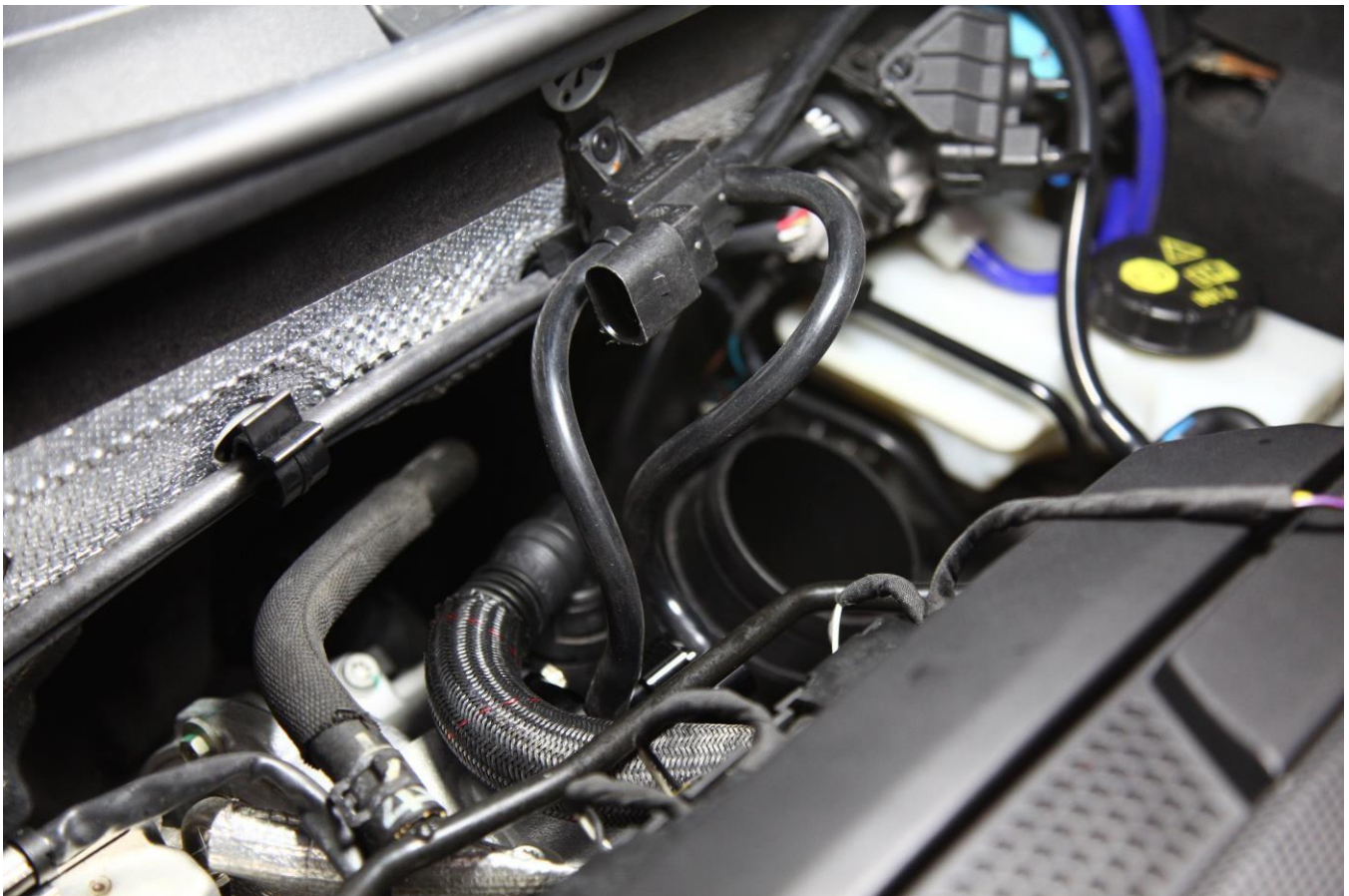




*Step 17-* Using Dykes (cutting pliers) cut piece of silicon hose (measure off engine cover or approx 14cm)

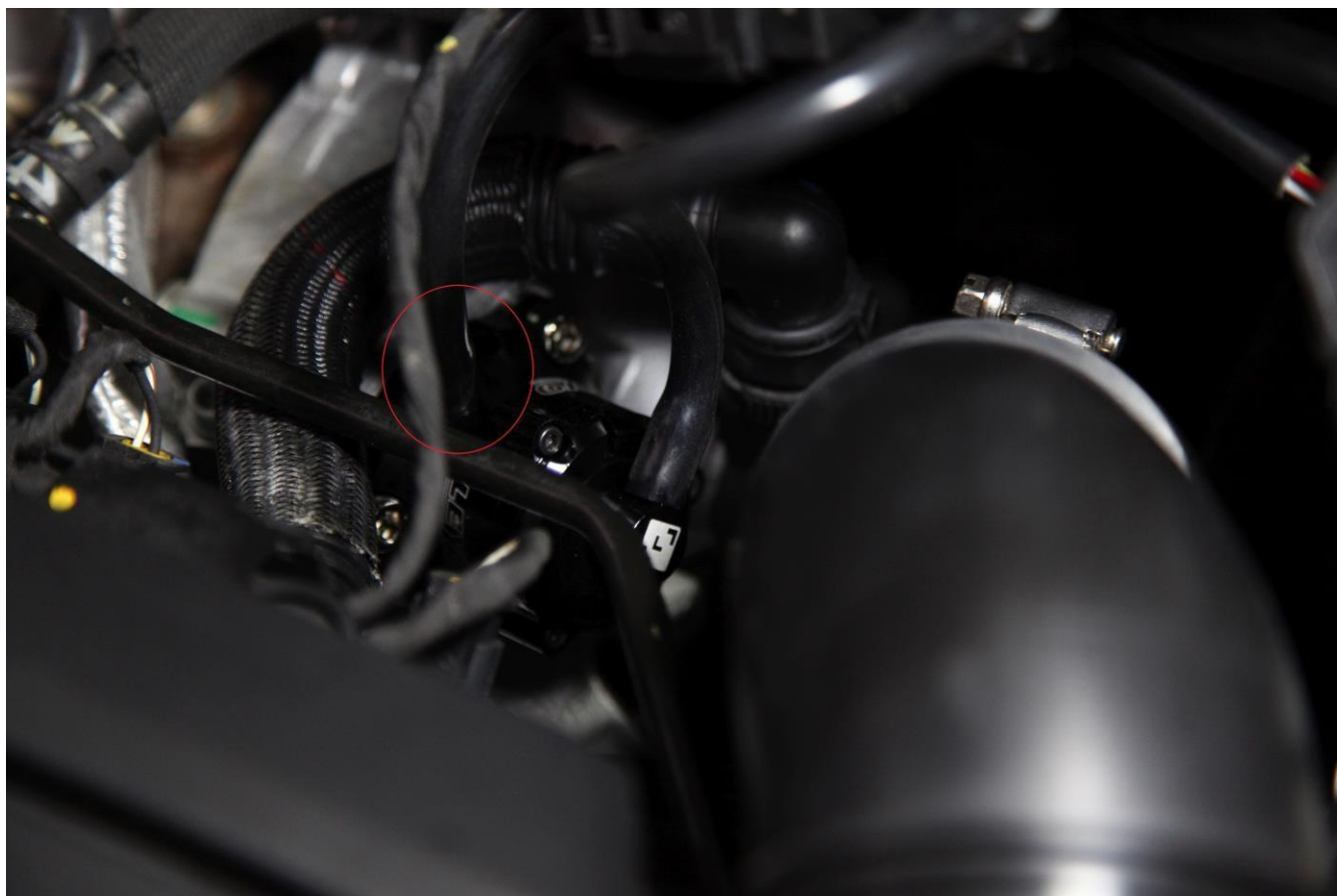


*Step 18-* Use WD40 to lubricate inside of silicon hose and connect 14cm piece rear side of Control Solenoid





*Step 19-* Use WD40 to lubricate inside of silicon hose and connect 14cm piece to BOV



*Step 20-* Re-connect harness plug to Control Solenoid



Step 21- Using #2 screw driver and channel lock pliers, re-connect inlet pipe



### Installation of Leyo Motorsport BOV complete

\*\* Before starting car, check for tools and lose parts in engine compartment

## How You Install

