



## **INSTALLATION GUIDE**

**CTS TURBO BOV  
R56 MINI COOPER S/JCW  
CTS-BV-0016**



**20630 Mufford Crescent, Unit #309  
Langley, British Columbia V2Y 2V9**

**[www.CTSTURBO.com](http://www.CTSTURBO.com)**

**WHAT IS INCLUDED**

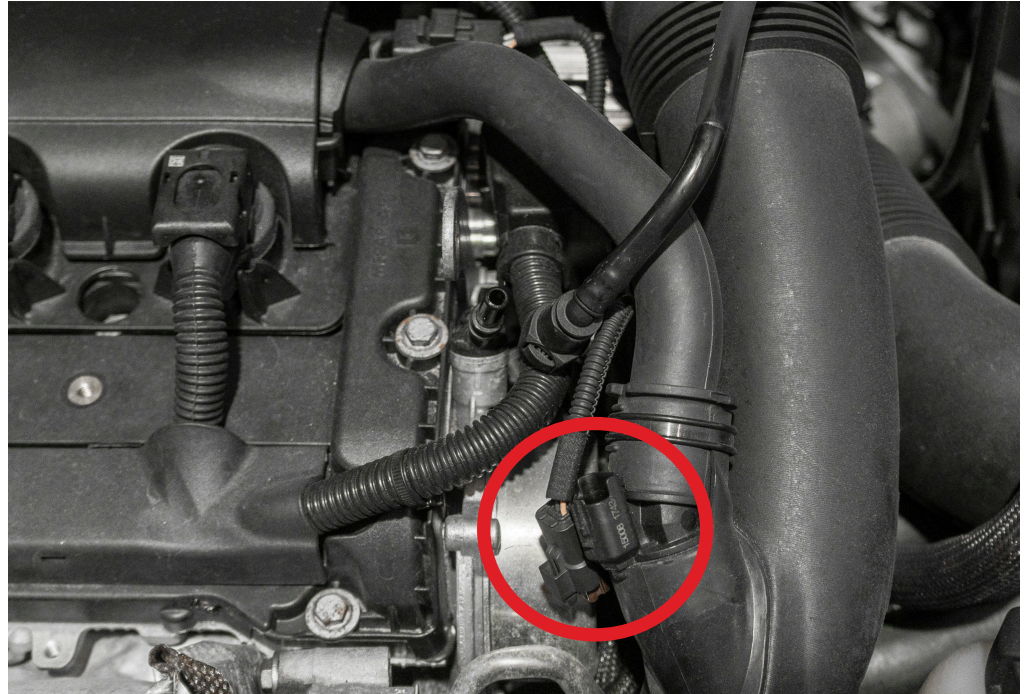
1. CTS blow off valve
2. CTS boost tap
3. Pressure control valve
4. Sensor harness connection
5. Plumbing and hardware

**NOTES**

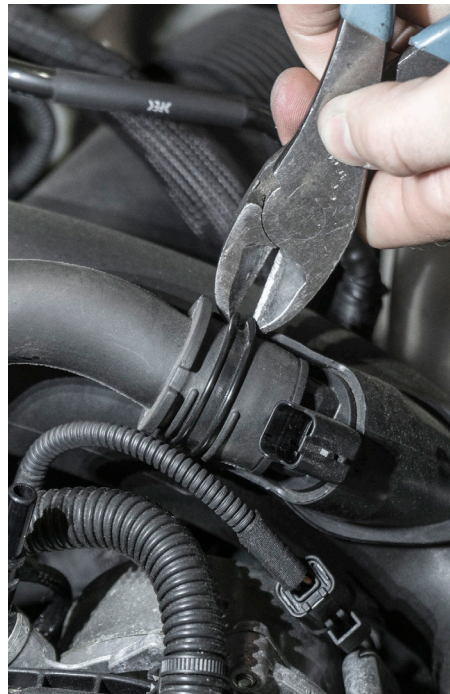
Vehicle used in this guide is a 2012 Mini Cooper JCW. Always make sure the car is safe to work on. Do not work on a hot motor. We do not accept any liability for incorrect installation or damage during the install.

**STEP 1**

First unclip the crankcase breather sensor

**STEP 2**

At the crankcase breather cut the ty-  
rap and disconnect  
from the stock inlet





**STEP 3**

Unclip the MAF sensor

Then loosen the clamp to remove from MAF housing

**STEP 4**

Loosen the clamp on the turbo side and remove.

\* Note:

Depending on the age of the pipe they do tend to break.





**STEP 5**

1. Next remove T25 screws from stock intake box

2. Remove intake lower section as well





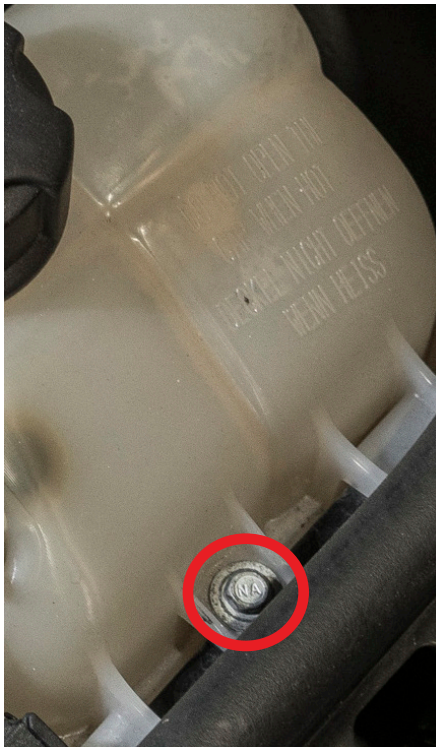
**STEP 6**

1. Using pliers slide down the coolant line clamp.

2. Remove the coolant line and block.

**STEP 7**

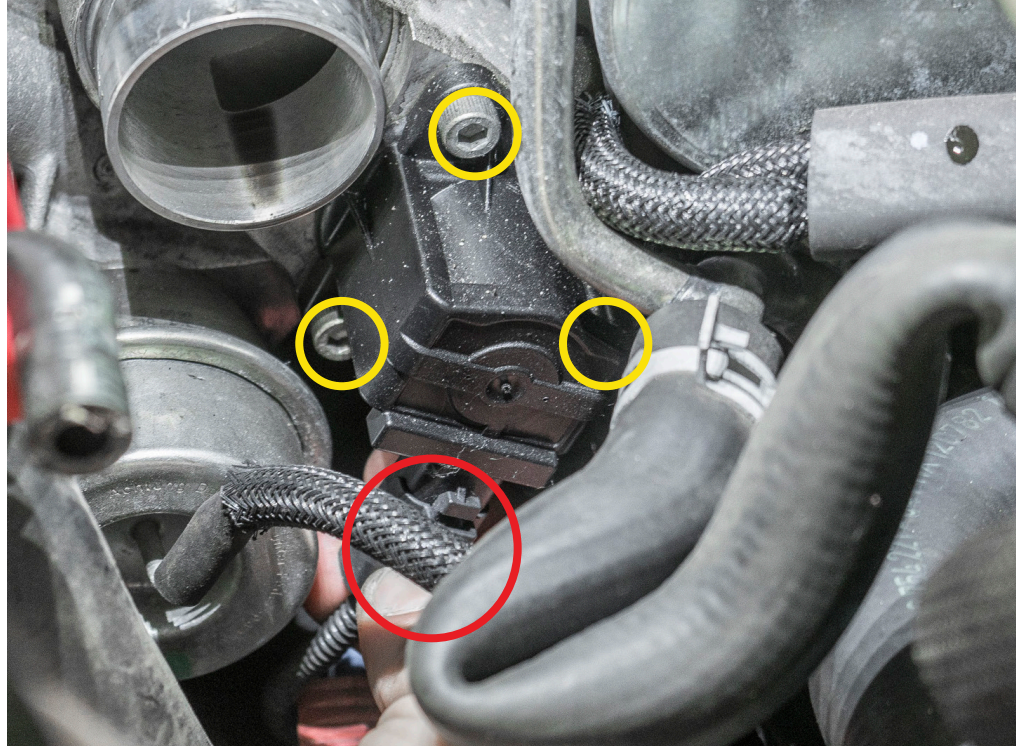
Remove the 10mm bolt and remove the coolant tank





**STEP 8**

1. Locate the stock valve.
2. Unclip the sensor from the valve.
3. Remove the three 5mm allen bolts holding the stock valve to the turbocharger
4. Remove the valve





**STEP 9**

Install the pressure control valve and connect the OEM sensor and provided harness.

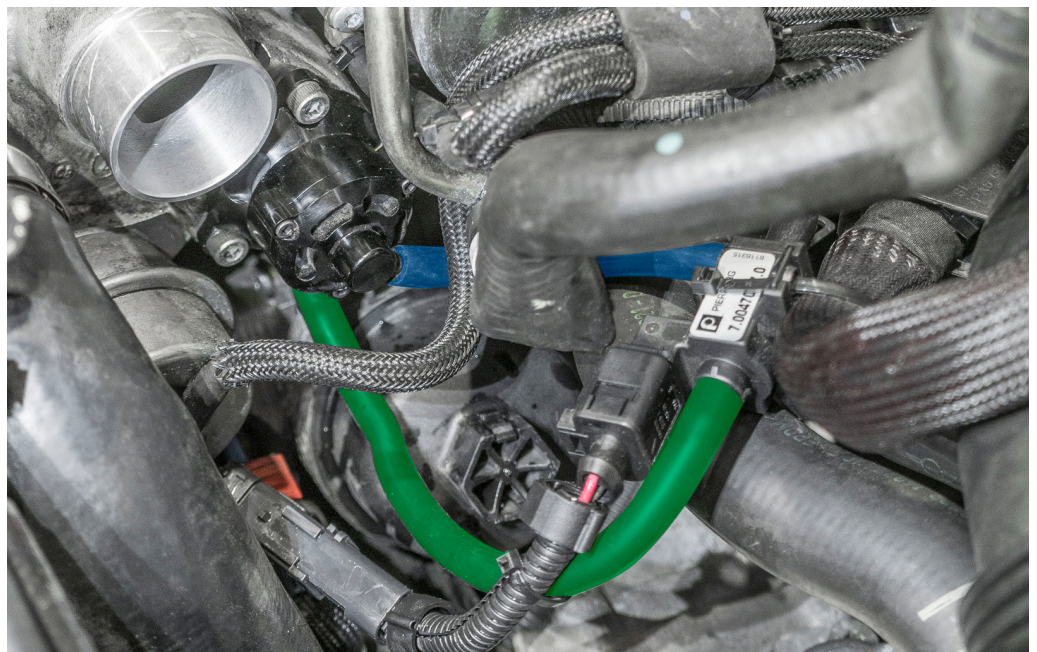
\* make note of orientation.

**STEP 10**

Install the CTS BOV

With the provided hose measure and cut to length.

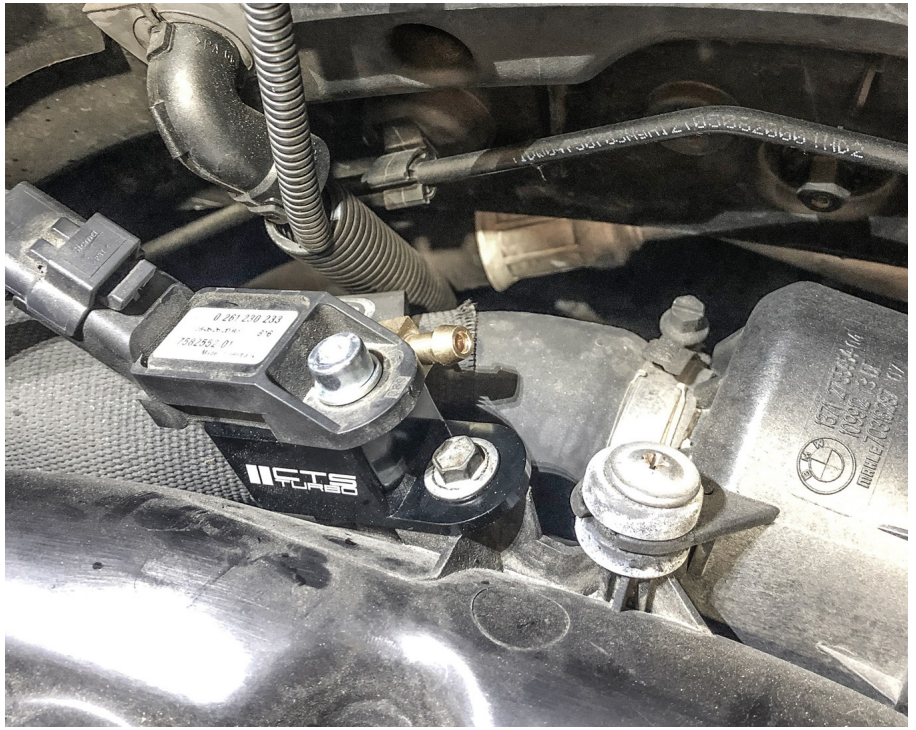
Install the lines from the CTS BOV to the pressure control valve.





**STEP 11**

Using a 4mm allen and stock bolt install the CTS boost tap located under the intake

**STEP 12**

Cut hose to length and connect the CTS boost tap and pressure control valve.

Check all the lines, and test the CTS BOV.

Use the cable ties provided to secure the hoses.

Reinstall intake and coolant tank.

**You are done!**

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## **STEP 13**

Reinstall intake and  
coolant tank.

You are done!