



INSTALLATION GUIDE

CTS Turbo MK5-MK6 Catch Can Kit

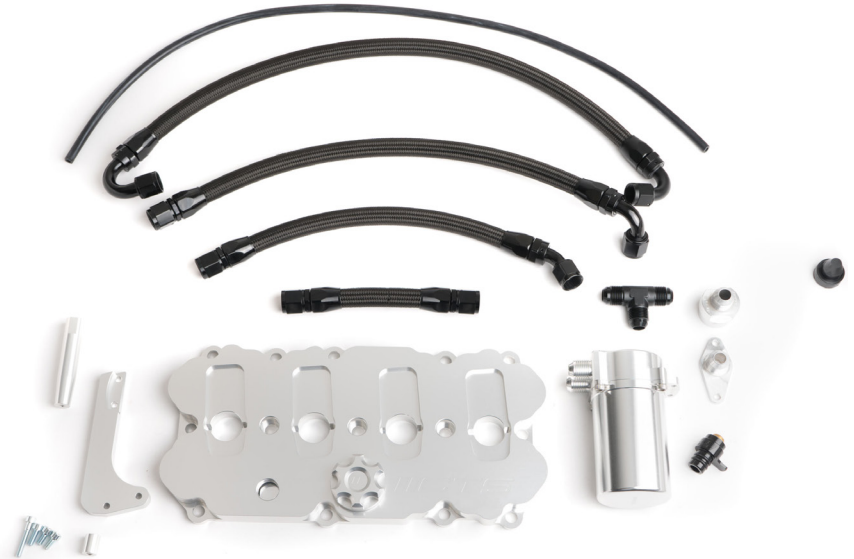


20630 Mufford Crescent, Unit #309
Langley, British Columbia V2Y 2V9

www.CTSTURBO.com

WHAT IS INCLUDED

1. CTS Billet Plate
2. Mounting Bracket
3. Breather Hoses
4. CTS Catch Can
5. Mounting rod
6. Breather adapter
7. Hardware



TOOLS REQUIRED

1. T-30 Torx
2. Ratchet
3. 3mm & 4mm Allen
4. Pliers
5. 10mm socket

NOTES

Vehicle used in this guide is a 2008 Golf GTI. 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

Disconnect the MAF sensor
and remove the intake system



STEP 2

Disconnect the coil pack electrical harness.

**STEP 3**

Carefully lift and remove the coil packs



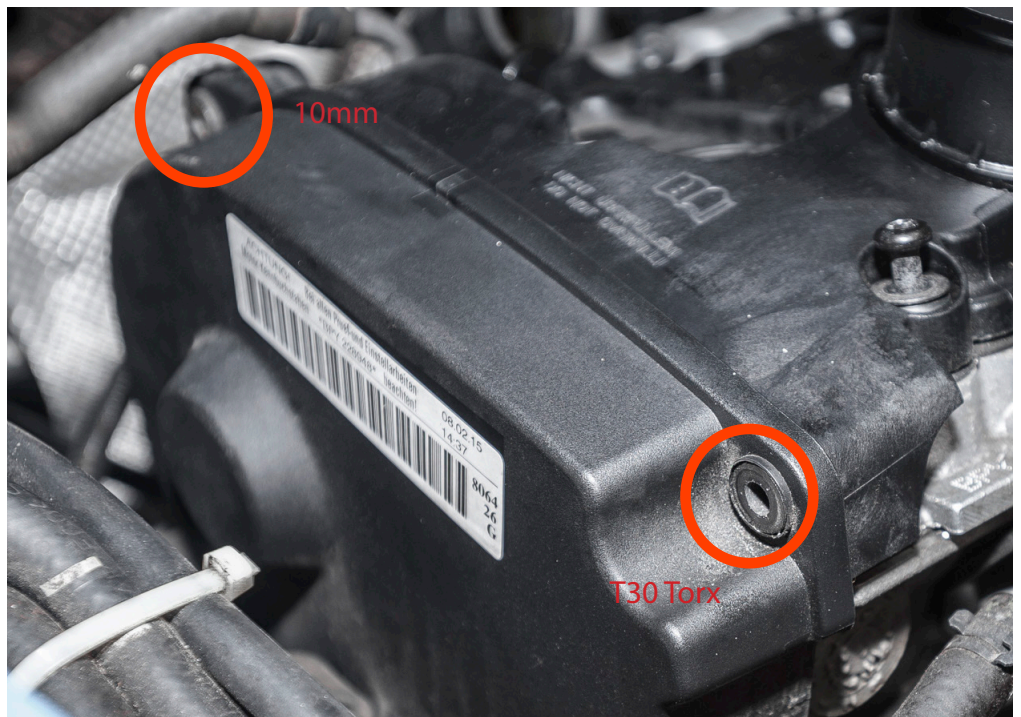
STEP 4

Disconnect the vacuum and breather lines at PCV plate



STEP 5

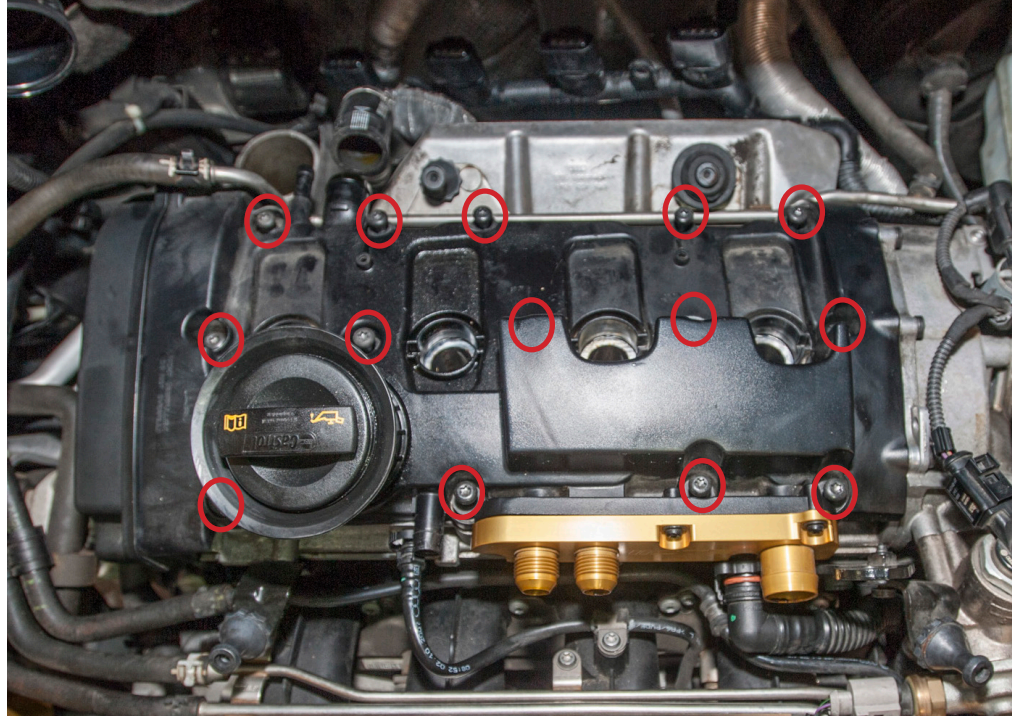
On the side of the valve cover there is a 10mm and T30 torx bolts to be removed.



STEP 6

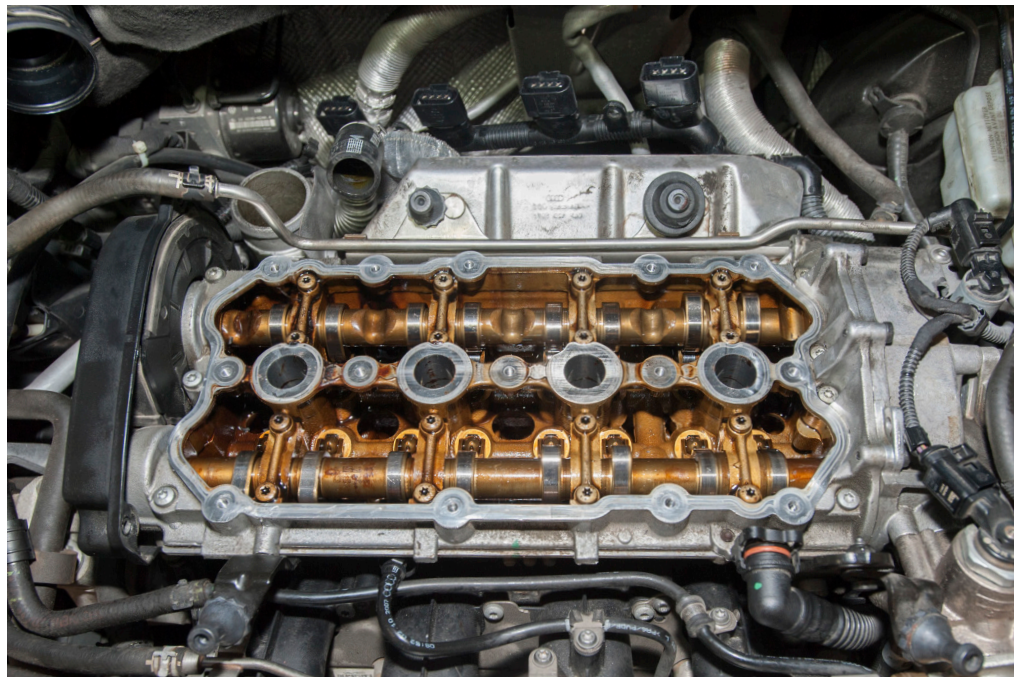
Loosen the T30 torx screws holding the OEM valve cover.

*Do not remove screws from the valve cover yet.



STEP 7

Lift and remove the PCV plate.



STEP 8

Transfer the gasket from the OEM PCV plate and the CTS Billet Valve Cover

**STEP 9**

You may now transfer the T30 torx screws to the CTS billet valve cover.

*Be careful when removing and mounting the screws with the rubber grommets



STEP 10

Install the CTS Billet Valve cover.

Tighten the screws in a cross hatch type pattern. Do not over tighten.

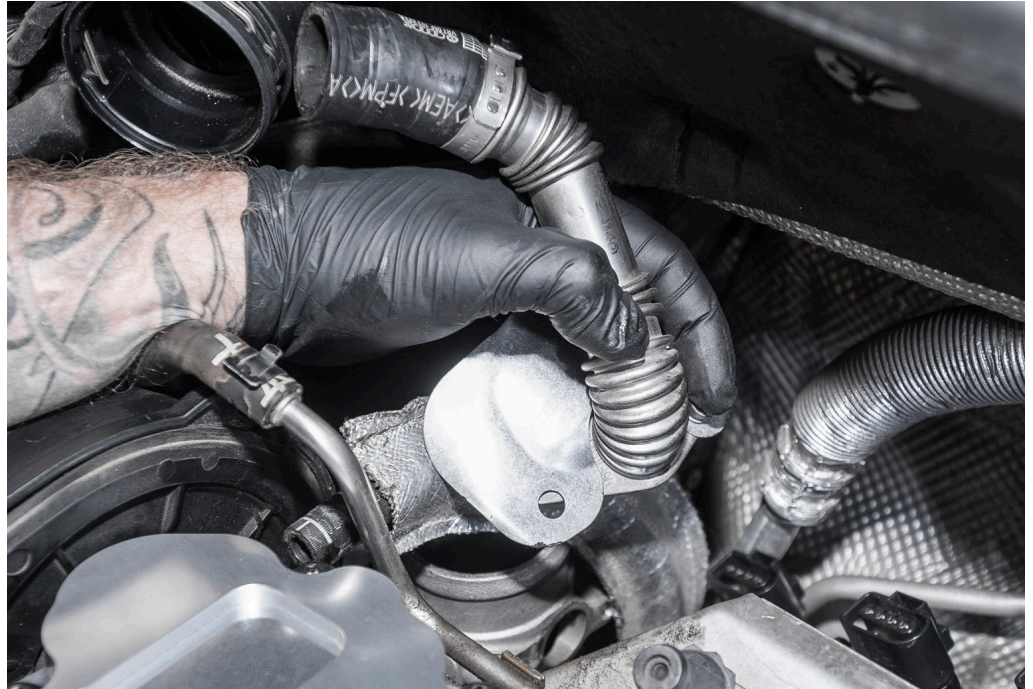
**STEP 11**

Torque the screws to 10nm



STEP 12

Remove the turbo inlet breather.



STEP 13

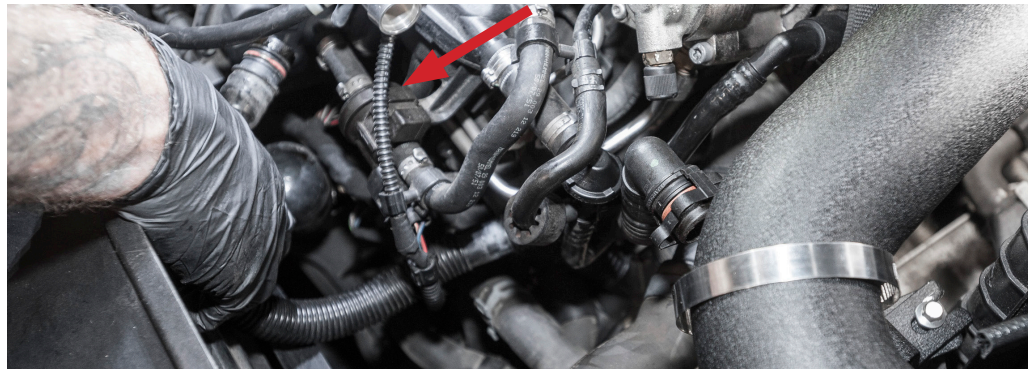
Install the CTS inlet adapter with provided oring and 10mm bolts.



STEP 14

You will need to remove the crankcase breather hose located under the intake manifold.

This is going to be difficult, use a pick tool or an appropriate pliers for removal.



STEP 15

Assemble the hose lines together as shown in the image.

**STEP 16**

Install the block breather adapter, oring and retaining clip on to the short hose.



STEP 17

Assemble the CTS catch can and provided bracket



STEP 18

1. Remove T25 torx screws and slide the catch can bracket between the body and plastic trim.

2. Reinstall the screws.



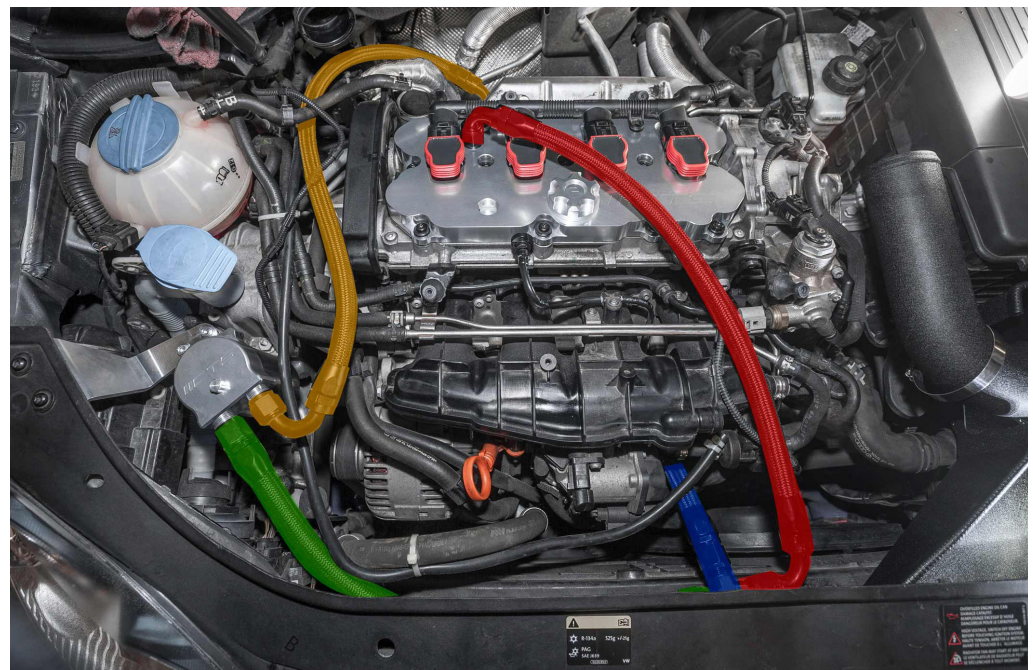
STEP 19

Install the ORB to 10AN male adapter



STEP 20

Install the hose lines as indicated in the image.



STEP 21

1. Remove the screw which attaches the vacuum line.
2. Using the provided 10mm hose connect the vacuum line and hose with a zip tie.
3. Zip tie the vacuum line to the coolant line.

**STEP 22**

Measure the length of the hose to the back where the vacuum line is and cut.

Route hose towards turbo inlet as seen on the photo, at the OEM line previously attached to the rear of the OEM PCV plate install supplied 10mm hose mender. Cut silicone hose to length and attach to the other end of the hose mender. Attach the hose mender and connect the line and secure with the zip ties.



STEP 24

If you have MK6 GOLF R.

Catch can install.

Assemble catch can and provided bracket



STEP 25

Install the provided post to the mount near the washer fluid reservoir .



STEP 26

Make sure to install the spacer on the catch can bracket.

**STEP 27**

Install the catch can and tighten the allen bolts.

Connect the hose lines in STEP 20.

Check all the lines and installed hardware and you are done!

