

WHAT IS INCLUDED

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

**GOLF R**

8. Washer fluid adapter
9. Washer Fluid Hose
10. CTS Washer fluid housing

TOOLS REQUIRED

1. T-30 Torx
2. Ratchet
3. 3mm & 4mm Allen
4. Pliers
5. 10mm socket
6. 13mm Wrench

NOTES

Vehicle used in this guide is a 2018 Golf R. 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

Begin with removing the engine cover to access the top of the engine.

**STEP 2**

Remove the electrical connection to the coilpacks using a 10mm socket



STEP 3

Remove coilpack
number 4

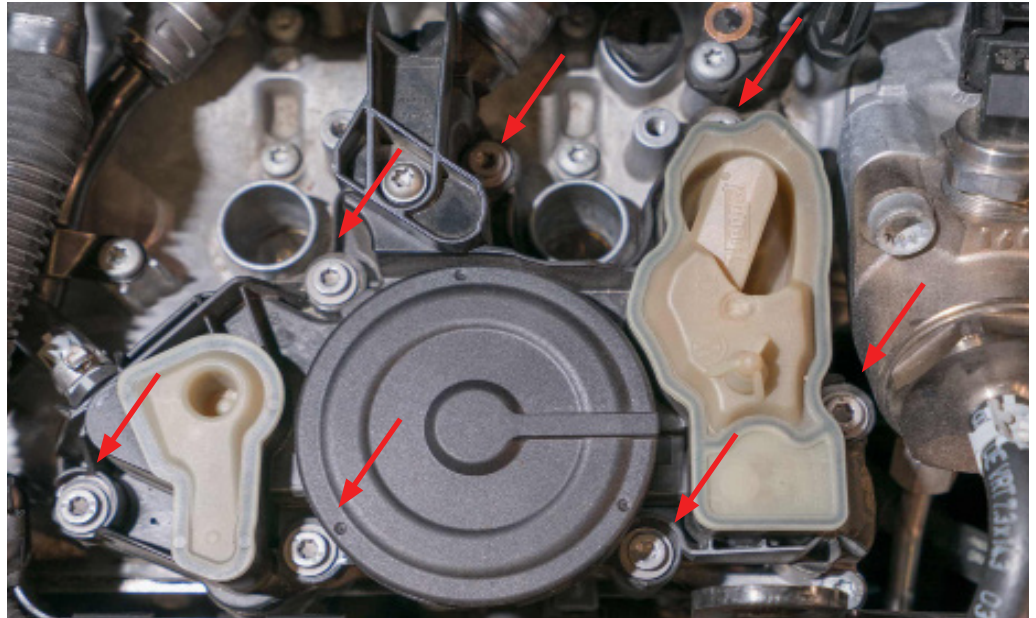
**STEP 4**

Remove clamp from
NBO valve hose
and remove OEM
breather plate

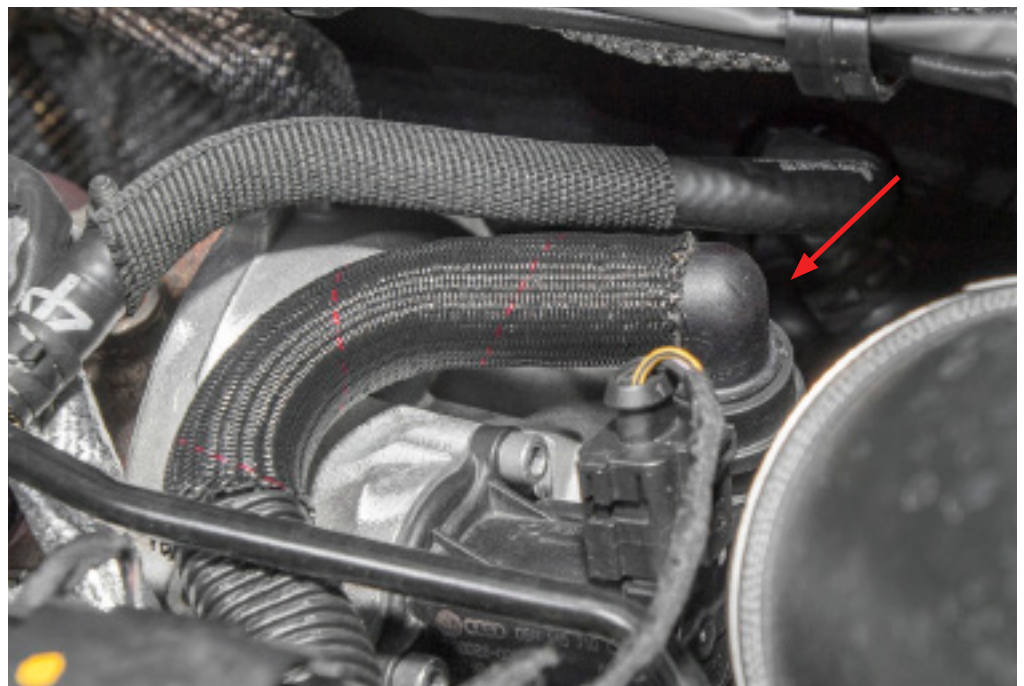


STEP 5

Remove the seven T30 torx screws holding the OEM breather plate in place.

**STEP 6**

Unclip the hose from the N80 valve using pliers.



STEP 7

Pull up on the breather plate to remove it from the top of the engine block.

**STEP 8**

Transfer the green gasket from the factory breather plate to the CTS breather plate.

Note:

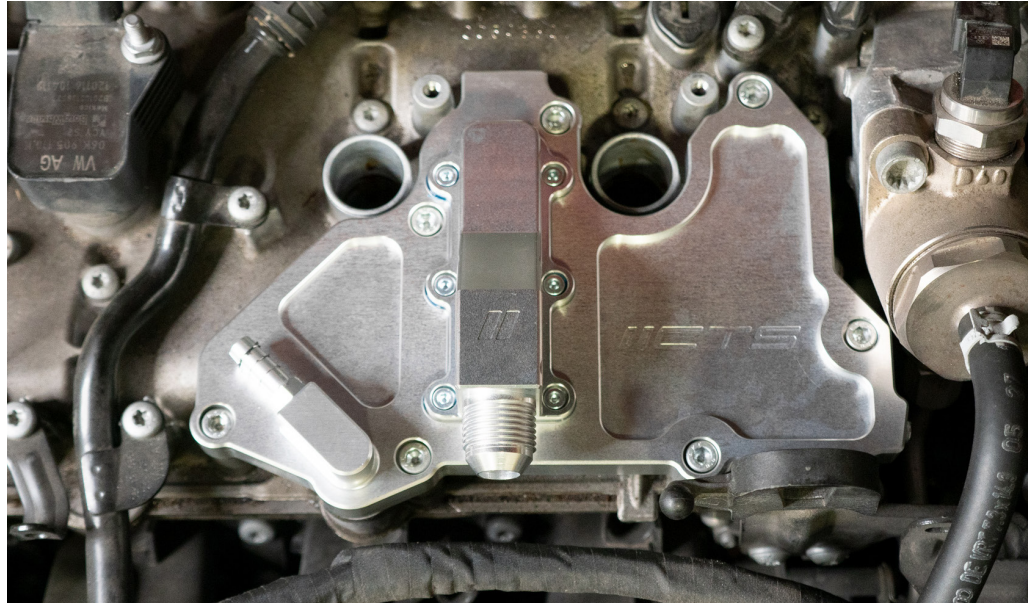
Be careful removing not to tear the gasket.



STEP 9

Install the CTS breather plate with provided 7 screws.

You may also reinstall coilpack number 4 at this point.

**STEP 10**

We need to cut the NBO hose to accommodate the check valve.

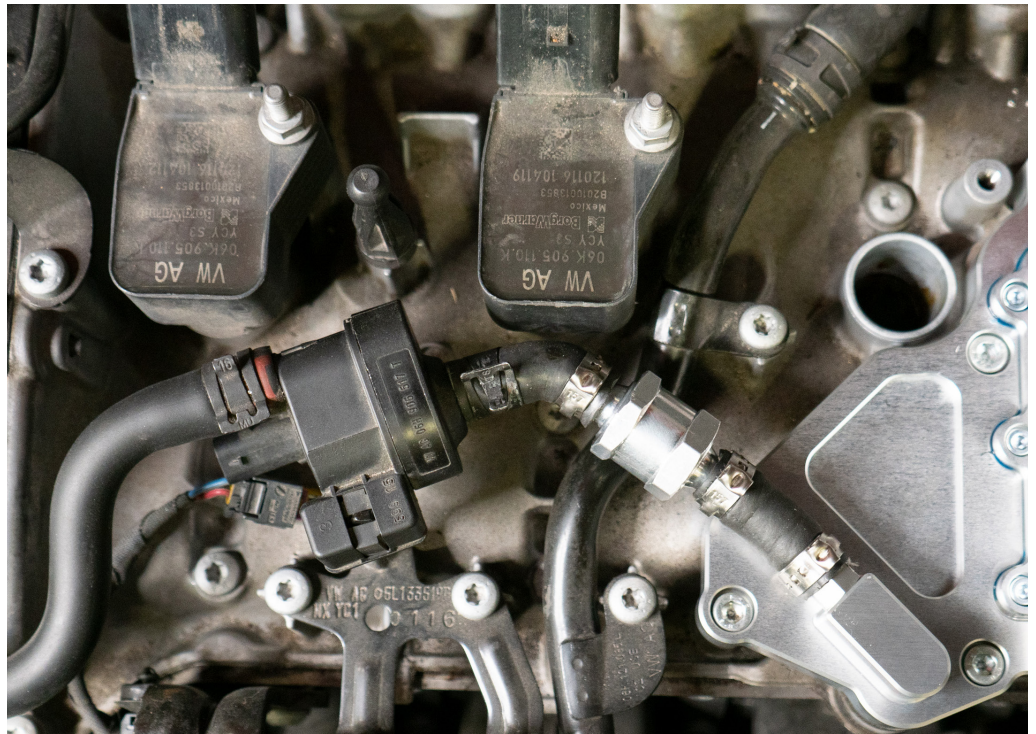


STEP 11

Before installing the check valve you need to ensure the arrow is pointing in same direction as the image

**STEP 12**

Install the check valve with provided clamps.

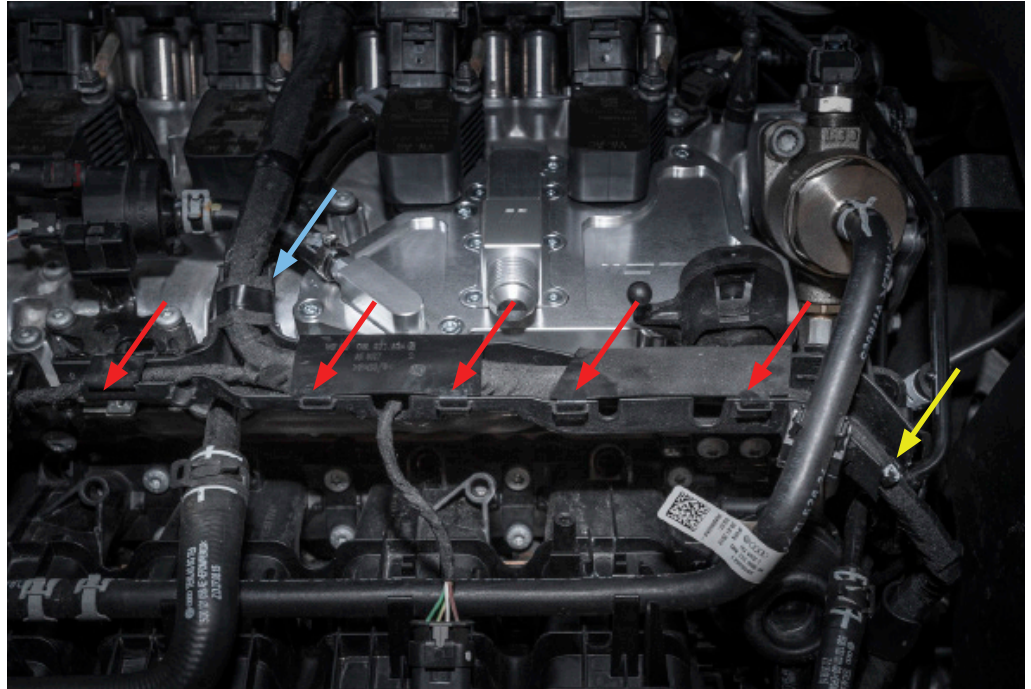


STEP 13

Red Arrows
*Unclip the plastic
guide from the wiring
harness*

Blue Arrow
*Use pliers to cut the
tape*

Yellow Arrow
*Use pliers to cut
cable tie*

**STEP 14**

Remove the plastic
guide



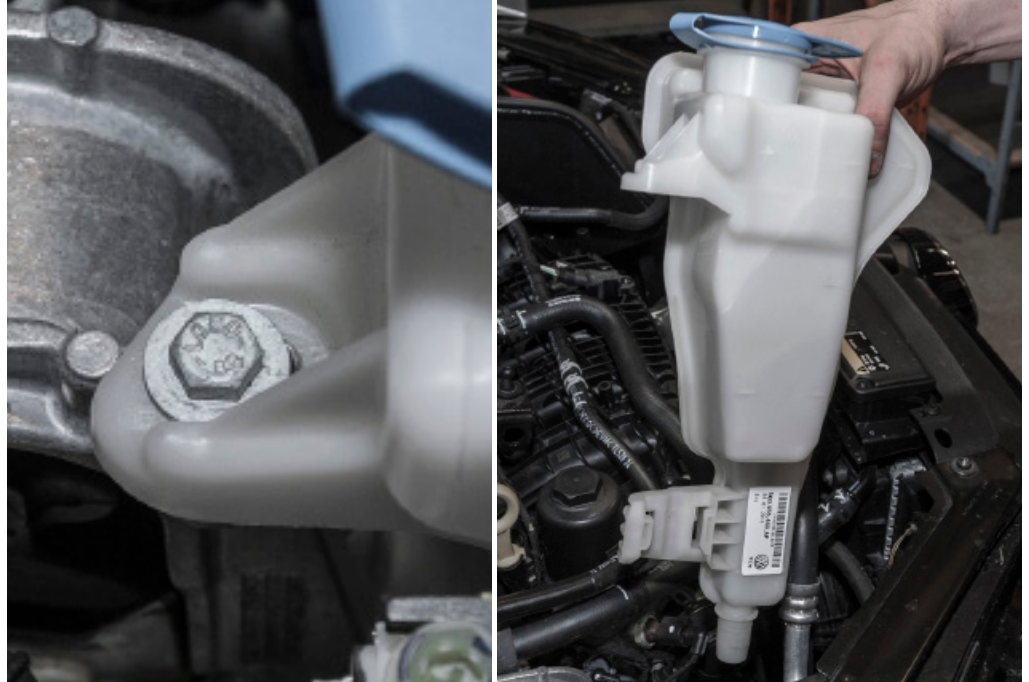
IF YOU HAVE A MK7 GTI PROCEED

STEP 15

Remove 10mm bolt and remove secondary washer fluid reservoir

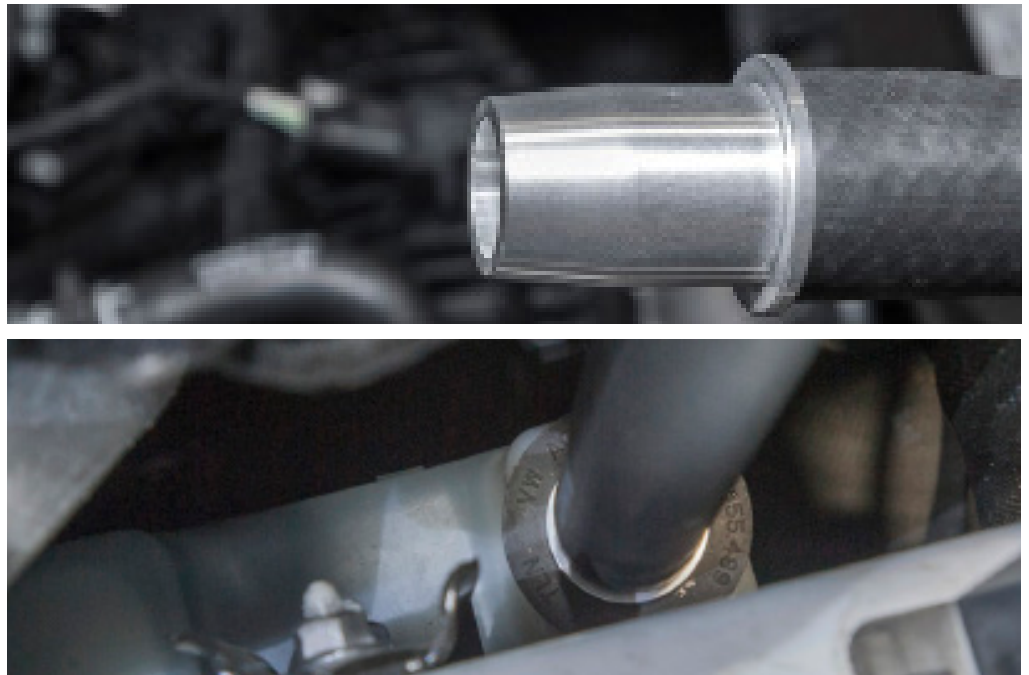
Note:

Drain fluid before removal



STEP 16

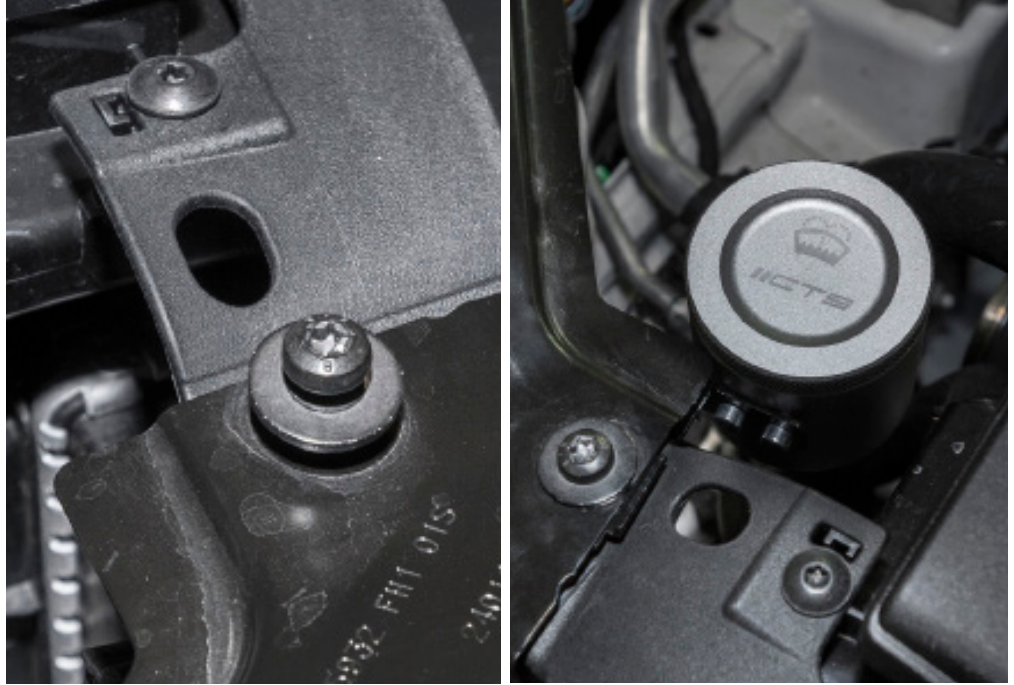
Attach provided hose and nozzle and insert into washer fluid port



STEP 17

Loosen the T30 Torx attached to the frame.

Attach provided bracket and CTS washer reservoir

**STEP 18**

Connect hose to CTS reservoir



STEP 19

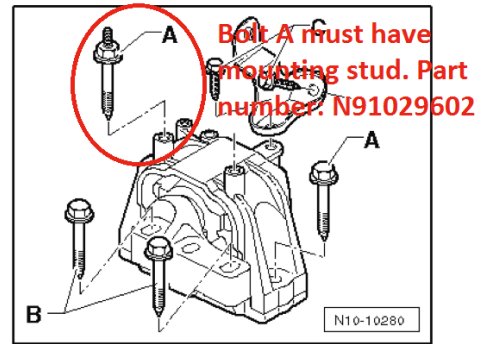
The catch can needs to be mounted to the engine mount and stud on the engine mount bolt.

If you do not have this bolt you can order one from your dealership using this part number:

N91029602



Engine Mount Tightening Specifications



Component	Nm
Bolts A	40 plus an additional 90° (¼ turn) ¹⁾
Bolts B	60 plus an additional 90° (¼ turn) ¹⁾
Bolts C	20 plus an additional 90° (¼ turn) ¹⁾

¹⁾ Replace fastener(s).

STEP 20

Thread in the mounting rod onto the engine mount stud. A 13mm wrench can be used to tighten it down.



STEP 21

Install the catch can mount onto the catch can using the two 4mm Allen bolts.

**STEP 22**

Mount the catch can to the engine mount and the mounting rod. Be sure to use the long bolt for the left side indicated.



STEP 23

Installed breather adapter and pin.

**STEP 24**

Attach breather hose with heat shield and hand tighten hose before using crescent wrench to tighten.



STEP 25

Feed breather hose
under stock lines.

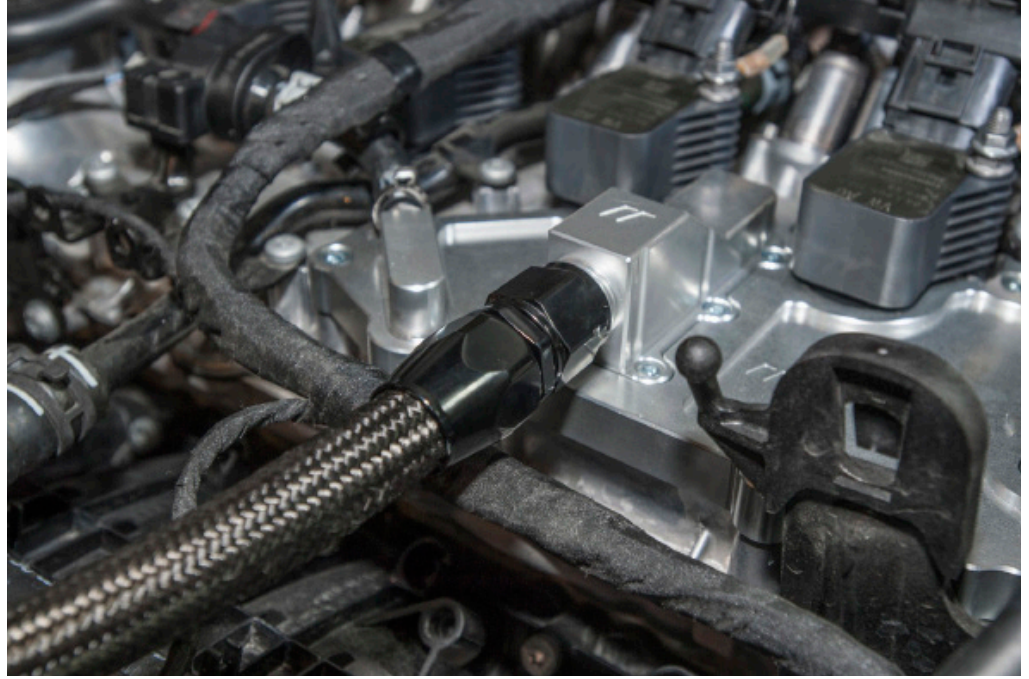
**STEP 26**

Attach breather
hose to catch can



STEP 27

Attach the 2nd breather hose to the breather plate and catch can.



Reinstall engine cover and you are DONE!

