



FMCT10 Fitting Instructions



Please thoroughly read through and familiarise yourself with these instructions in their entirety prior to beginning any part of the installation process of any component. Please also ensure the vehicle and engine has cooled down sufficiently to avoid risking possible skin burns or other injury.

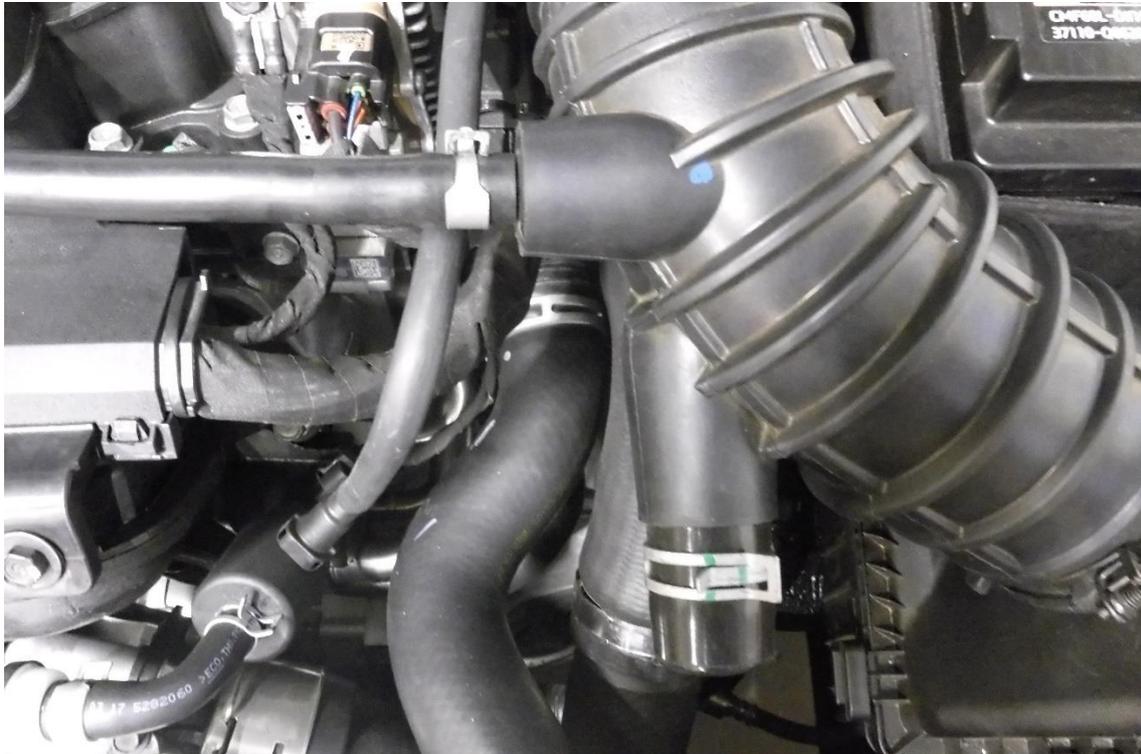
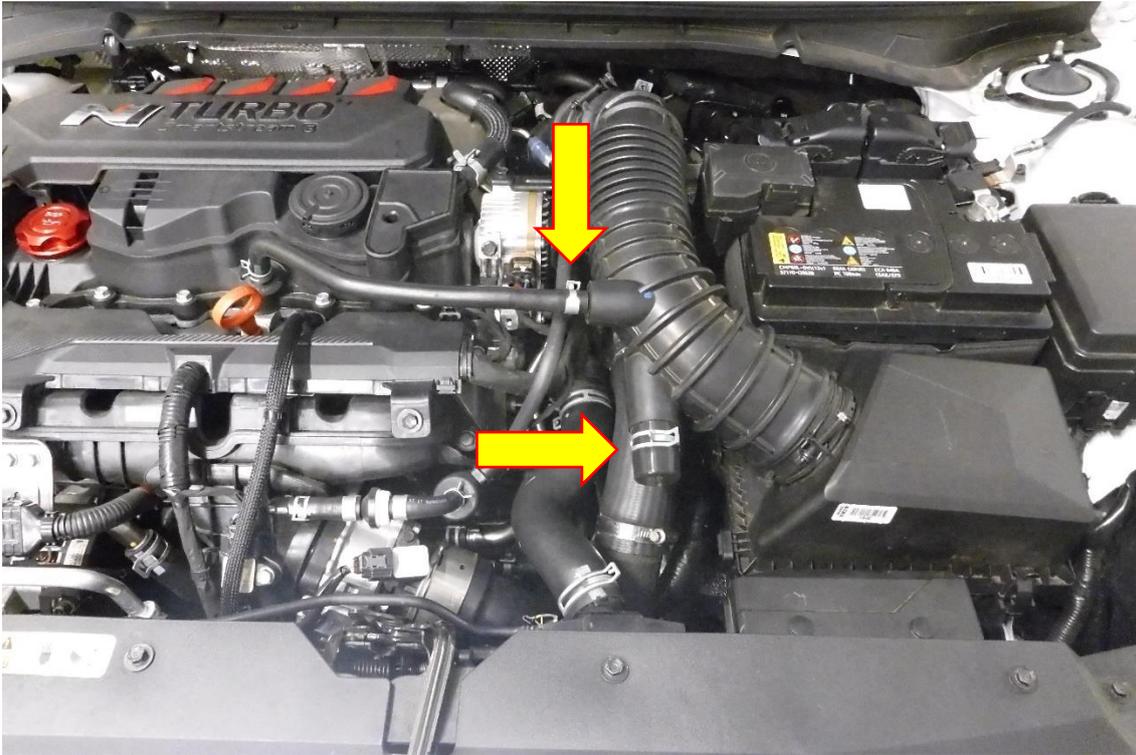
TOOLS NEEDED:

Hose Clamp removal tool/Long nose pliers

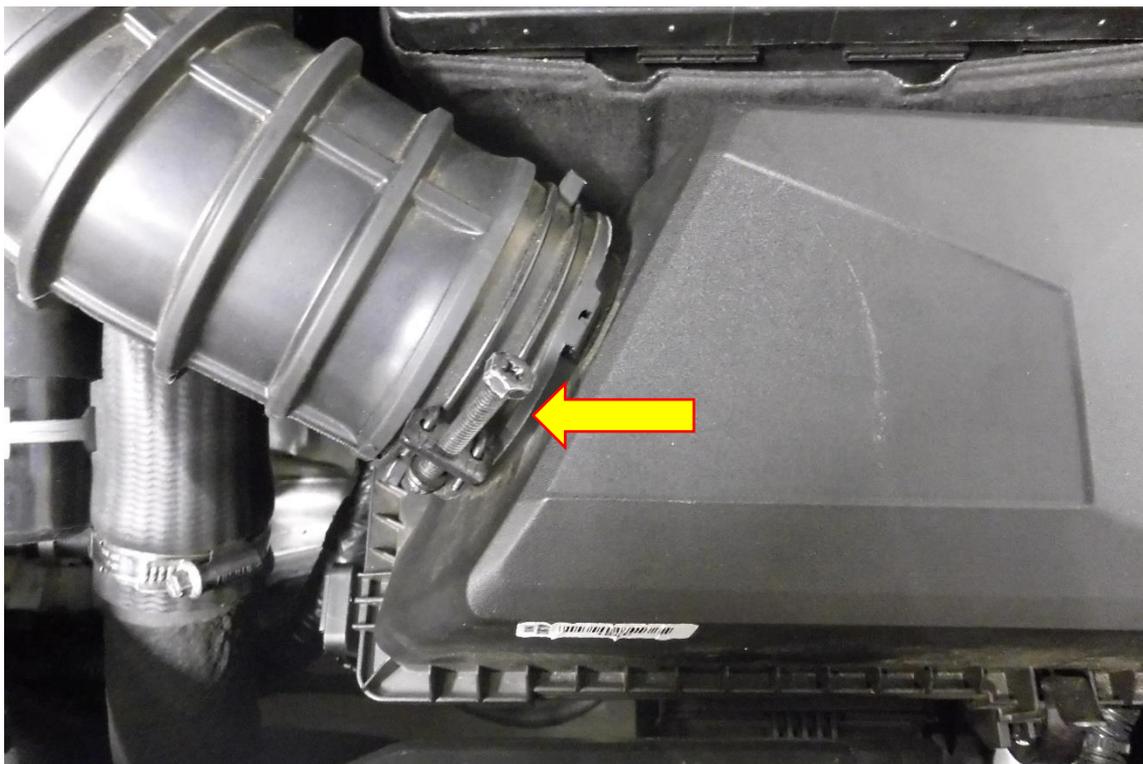
7mm & 10mm Socket, Ratchet, and suitable extension

3mm & 5mm Allen Key

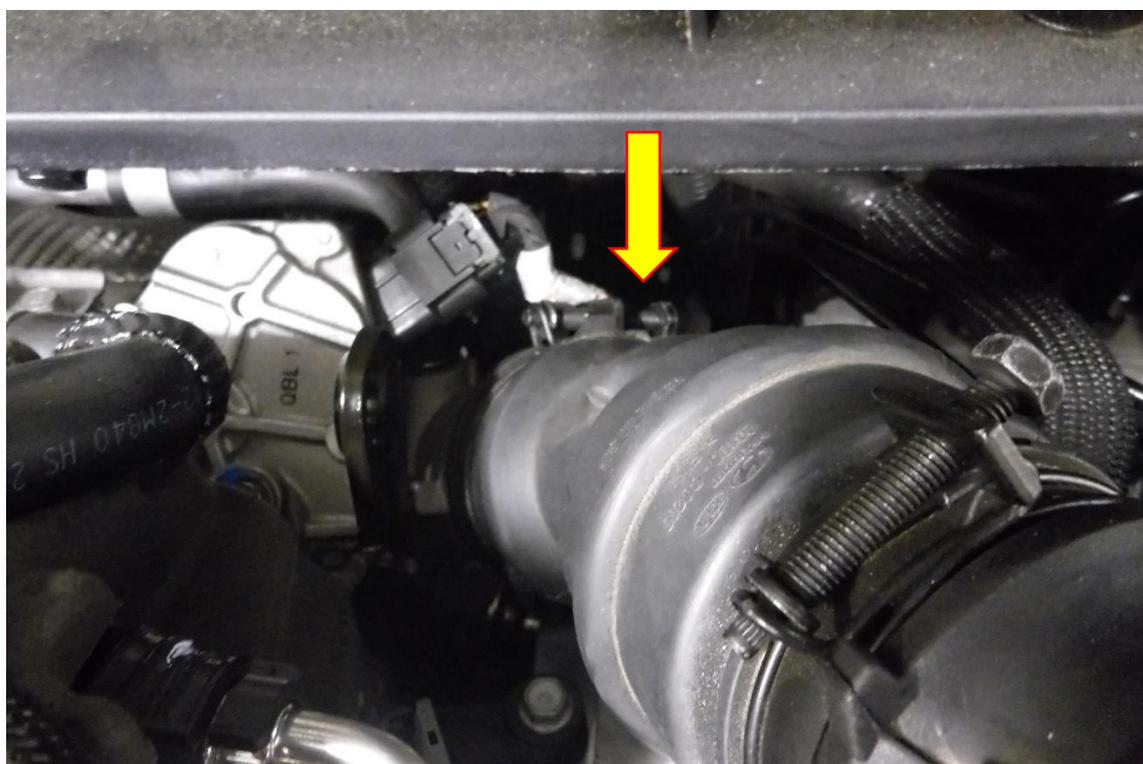
1. Open the bonnet and locate the oil breather hose and diverter valve hose. With the use of a hose clamp removal tool or long nose pliers release the hose clamp attaching both hoses and remove them from the inlet hose. In the images below you can see that the dump valve hose is blanked off as we have our atmospheric dump valve **FMDV37** installed.



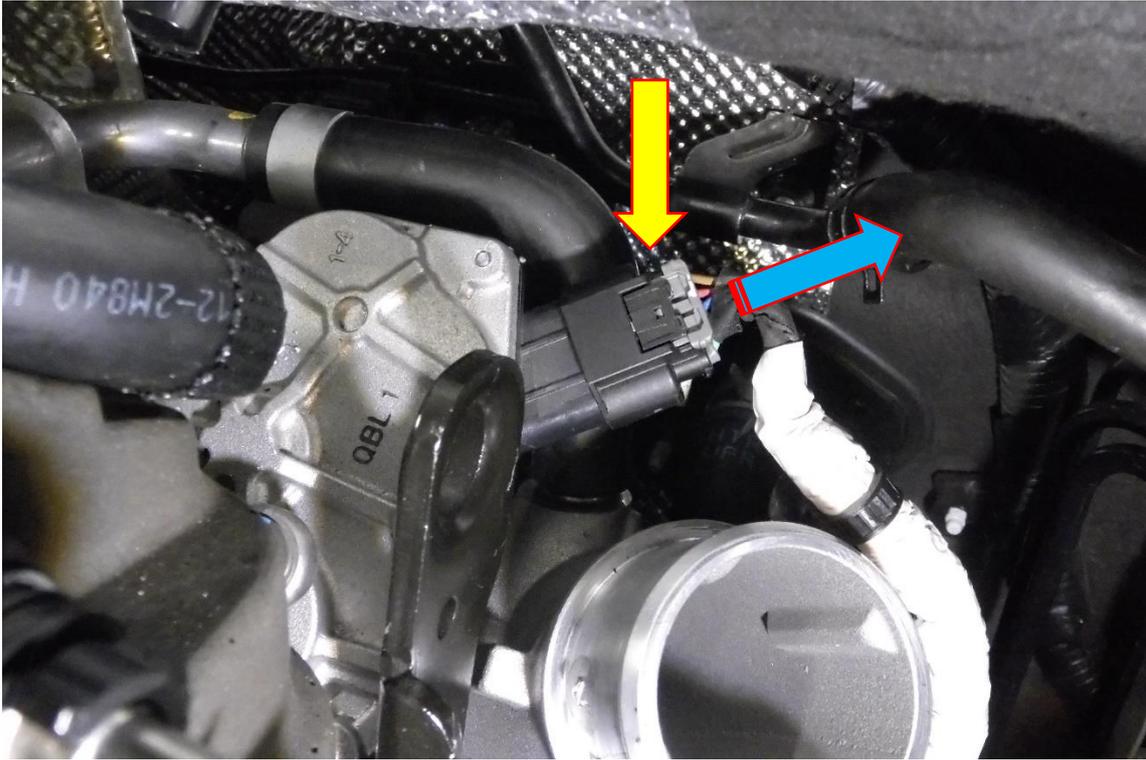
- Using a 10mm socket and ratchet loosen the hose clamp attaching the inlet hose to the airbox, once loose detach it from the airbox.



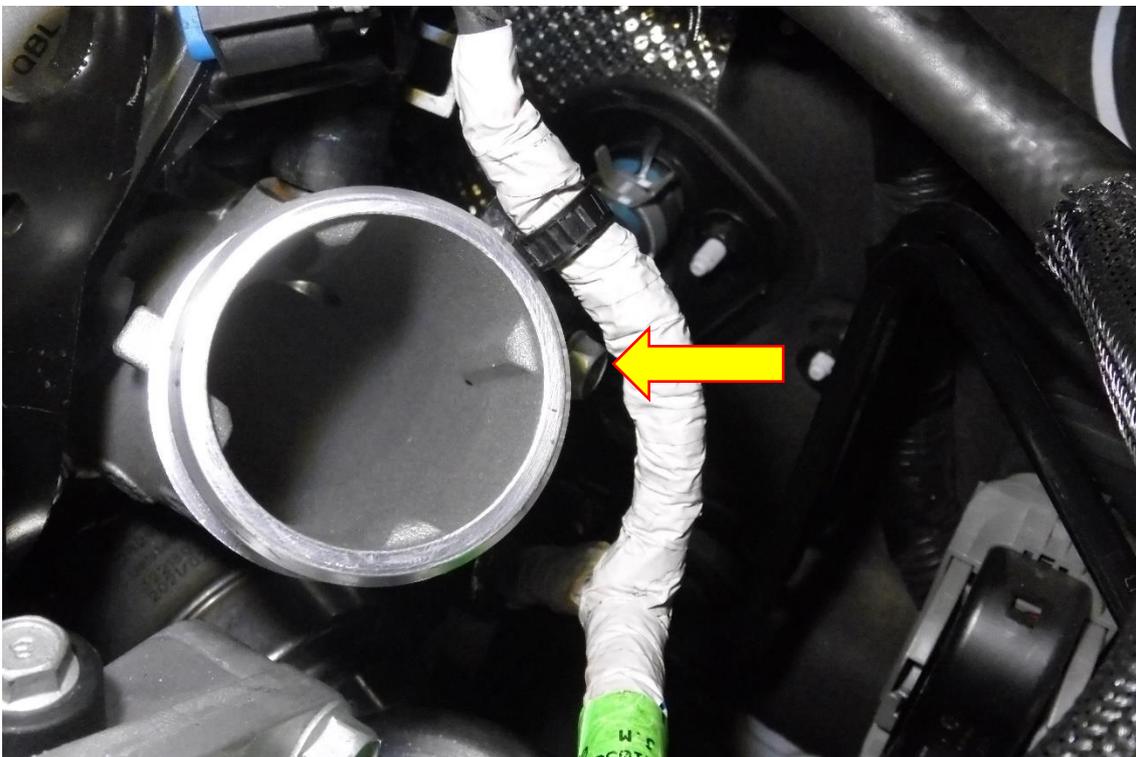
- Again, using a 10mm socket and ratchet loosen the hose clamp and remove the opposite end of the inlet hose attached to the turbo adaptor. You can now remove the hose completely.



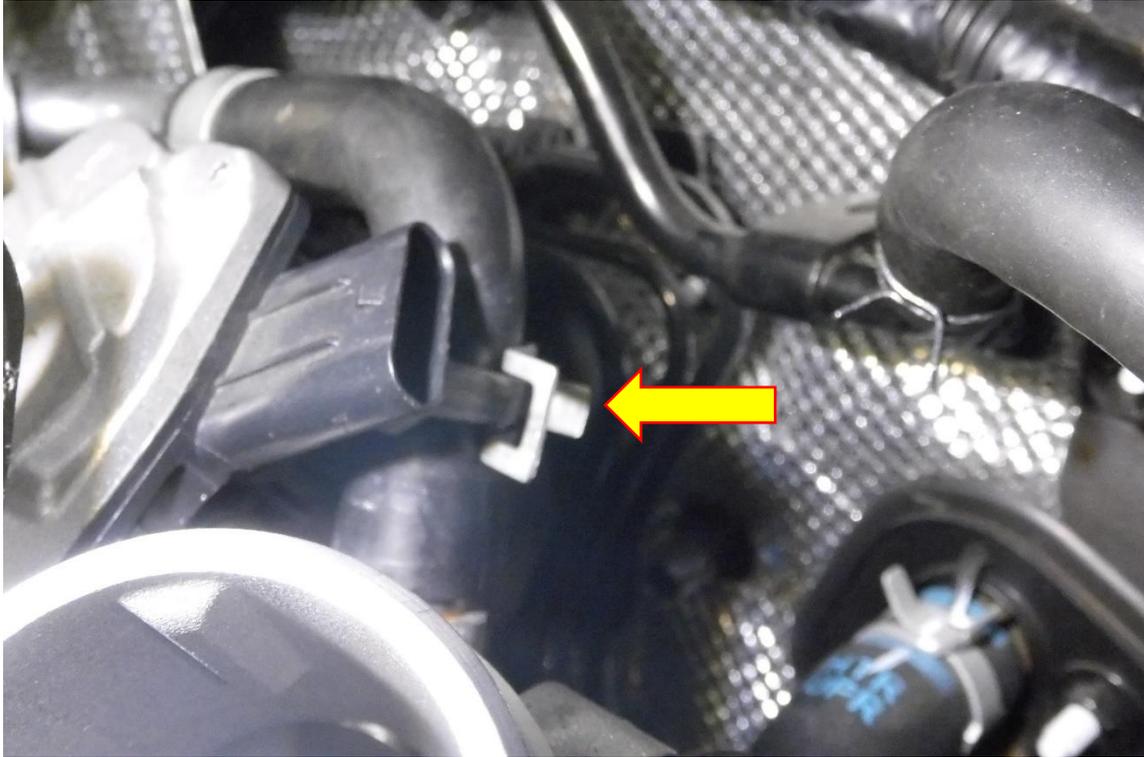
4. Slide the grey locking tab back and depress clip to allow you to disconnect the loom attached to the turbo actuator.



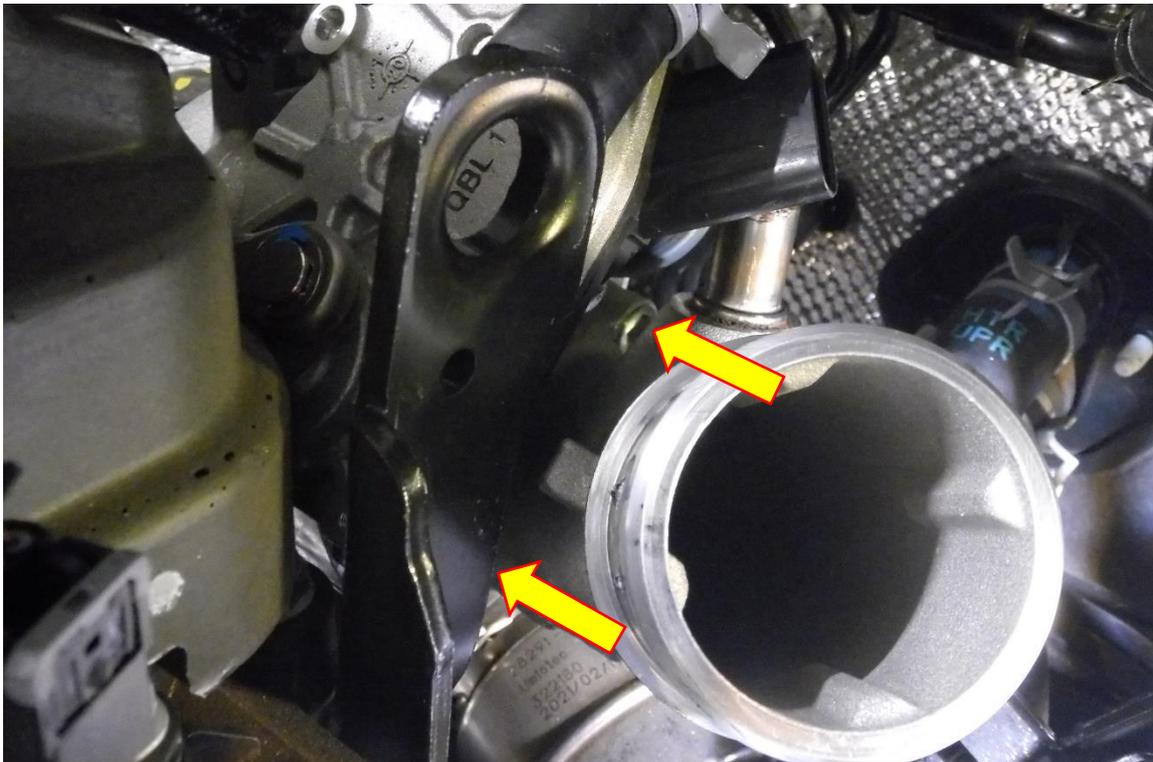
5. Using a 10mm socket and ratchet remove the M6 fastener attaching the wiring loom to the turbo adaptor.

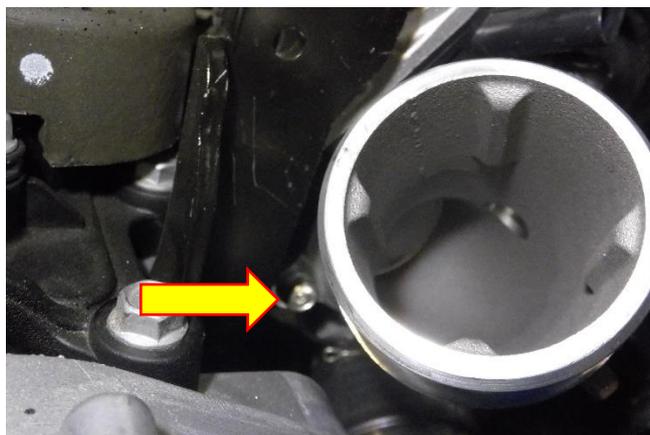


- Using long nose pliers loosen the hose clamp to allow the removal of the oil breather pipe attached to the turbo adaptor.



- Using a 10mm socket and ratchet with suitable extension remove the X2 M6 fasteners attaching the turbo inlet adaptor to the turbo charger then remove the inlet adaptor from situ.





8. Looking behind the ECU on the suspension turret there are two exposed threads, place the bracket from the FMOC10 kit onto the turret. Using a 10mm socket and ratchet secure the bracket using the supplied M6 nuts from the FMOC10 kit.





9. Using a 10mm socket and ratchet remove the M8 fastener attaching the oiler breather to the engine. Using pliers or hose clamp removal tool loosen the hose clamp attaching the end of the oil breather hose to PCV. The oil breather hose can now be completely removed.





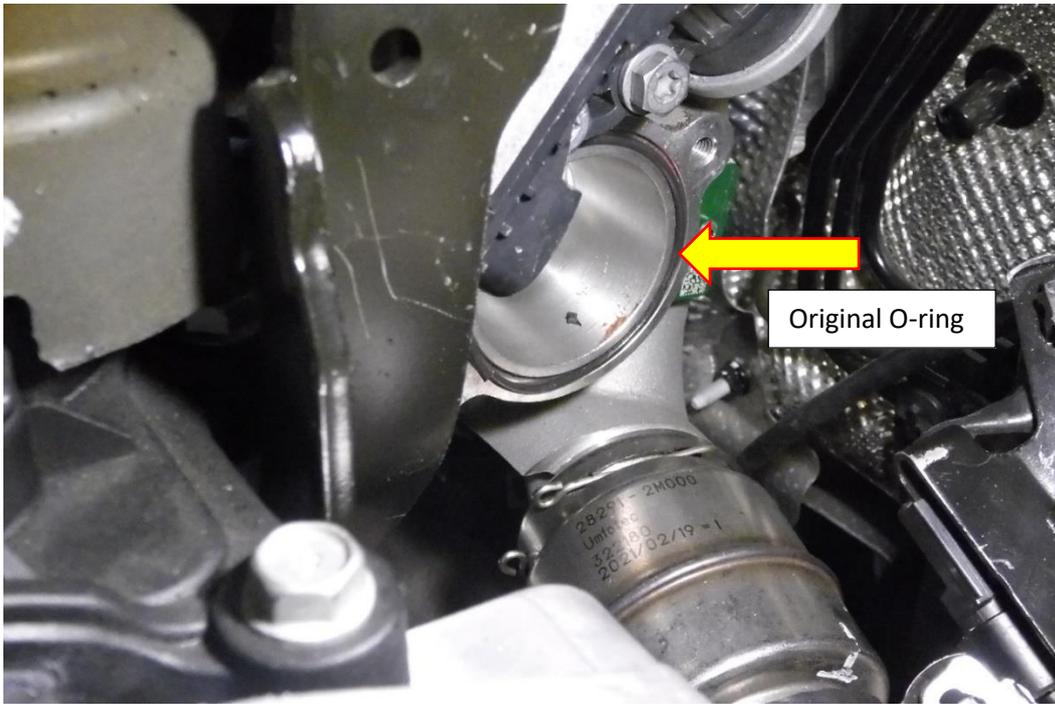
10. Use the supplied lubricant and smear it on the inside of both oil lines from the FMCT10 kit. Only lubricate the metal end with a hose clamp and NOT the plastic fitting end.



11. Take the AN-8 oil hose (smaller diameter) from the FMOC10 Kit and fit it to the OEM turbo adaptor. Re-install the turbo adaptor with the oil line fitted. Make sure the O-ring is in place when fitting.



WARNING: make sure the O-ring does not fall from the turbo.



12. Using a 3mm Allen key secure the Forge Motorsport catch can to the bracket using the two supplied M4 fasteners from the Kit.



13. Attach the fitted oil line to the **OUT** port of the catch can, push the plastic fitting until you hear it click.



14. Using the large cable tie from the FMOC10 kit secure the fitted oil line to the coolant pipe below it. Using a 7mm socket and ratchet secure the hose clamp on the oil line. Re-fit the actuator wiring loom.

IMPORTANT: Do not over tighten the cable tie and pinch the hoses.



15. Fit the remaining oil line, the plastic end to the IN port of the catch can and the other end to the vehicles PCV. Using a 7mm socket and ratchet secure the hose clamp of the oil line.



16. Follow steps 1-4 in reverse order to complete the installation of FMCT10. Take the vehicle for a test drive and enjoy your new Forge Motorsport product.

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