

OZ Tuner

Colorado/Canyon EGRDelete Kit

TOOLS NEEDED

1. 10MM WRENCH
2. 13MM WRENCH
3. 15MM WRENCH
4. 17MM WRENCH
5. 8MM SOCKET
6. 10MM SOCKET(1/4" OR 3/8" DRIVE)
7. 13MM SOCKET(1/4" OR 3/8" DRIVE)
8. 15MM SOCKET(3/8" OR 1/2" DRIVE)
9. T30 1/4" DRIVESOCKET
10. T15 1/4" DRIVESOCKET
11. 5MM ALLEN 1/4" DRIVESOCKET
12. 1/4" DRIVERATCHET
13. 1/4" DRIVESHORT EXTENSION
14. 3/8" DRIVERATCHET
15. 3/8" DRIVESHORT EXTENSION
16. 3/8" DRIVER MEDIUM EXTENSION
17. 3/8" DRIVER LONG EXTENSION
18. 1/2" DRIVERATCHET
19. 1/2" DRIVESHORT EXTENSION
20. 1/2" DRIVER LONG EXTENSION
21. 3/8" FUEL LINE REMOVAL TOOL
22. T30 SCREWDRIVER
23. FLAT BLADE SCREWDRIVER
24. PLIERS TO REMOVE SQUEEZABLE HOSE CLAMPS
25. KNIFE (TO CUT HOSE IF YOU CANNOT GET THE PLIERS IN TO REMOVE HOSE CLAMP)

PARTS NEEDED

1. (1) OZ TUNER EGR DELETE KIT FOR 2.8L DURAMAX
2. (2) 1 GALLON JUGS OF DEX COOLANT FREEZE
3. (1) SMALL VACUUM LINE CAP

REMOVAL

1. DISCONNECT BATTERY (10MM)

NOTE: IF YOU HAVE ALREADY PUT A DELETE TUNE ON YOUR TRUCK YOU WILL GET THE "KEEP DRIVING REGENERATION IN PROGRESS" WHEN YOU HOOK YOUR BATTERY BACK UP. FOLLOW YOUR TUNER'S INFORMATION FROM THE FIRST TIME YOU PUT THE TUNE ON YOUR TRUCK TO REMOVE THE MESSAGE

2. REMOVE PLASTIC ENGINE COVER (ONE BOLT, T30)
3. REMOVE INSULATION
4. REMOVE INTAKE AIR TEMP SENSOR (IAT) (17MM)



5. DISCONNECT INTERCOOLER PIPE FROM THROTTLE VALVE (ITEM #1) (FLAT BLADE SCREW DRIVER)

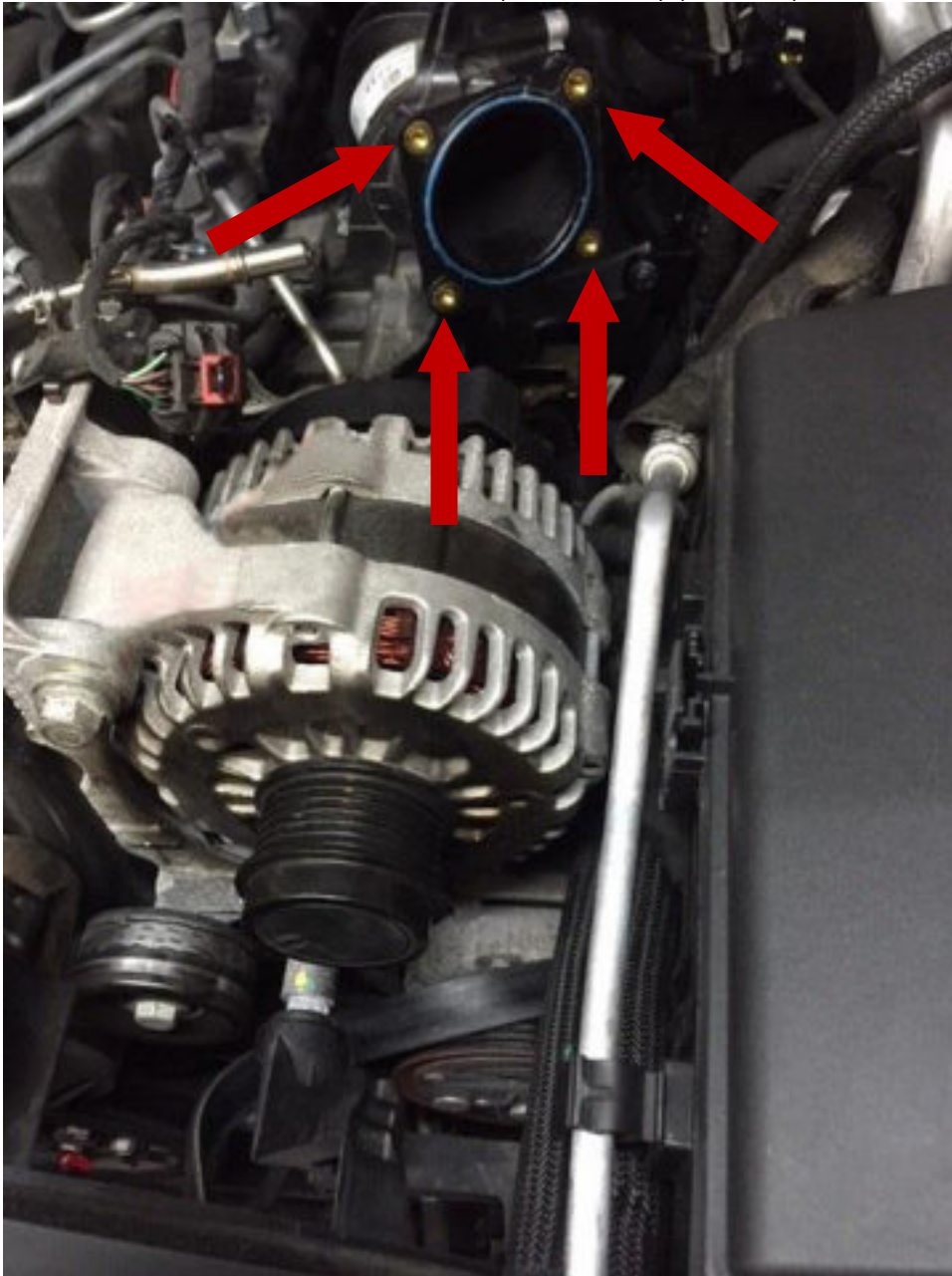


6. DISCONNECT FUEL FEEDLINE (3/8" FUELLINE REMOVAL TOOL)



7. REMOVE BELT FROM ALTERNATOR PULLEY (USE 1/2" DRIVE RATCHET ON TENSIONER PULLEY)

8. UNPLUG AND REMOVE THROTTLE VALVE (4 BOLTS, T30) (ITEM #40)



9. UNPLUG CONNECTOR ON THE TOP BACK OF THE ALTERNATOR



10. REMOVE BATTERY WIRE FROM ALTERNATOR (1 NUT, 13MM)



11. REMOVE BOLTS FROM ALTERNATOR (2 BOLTS, 15MM) (PIC)

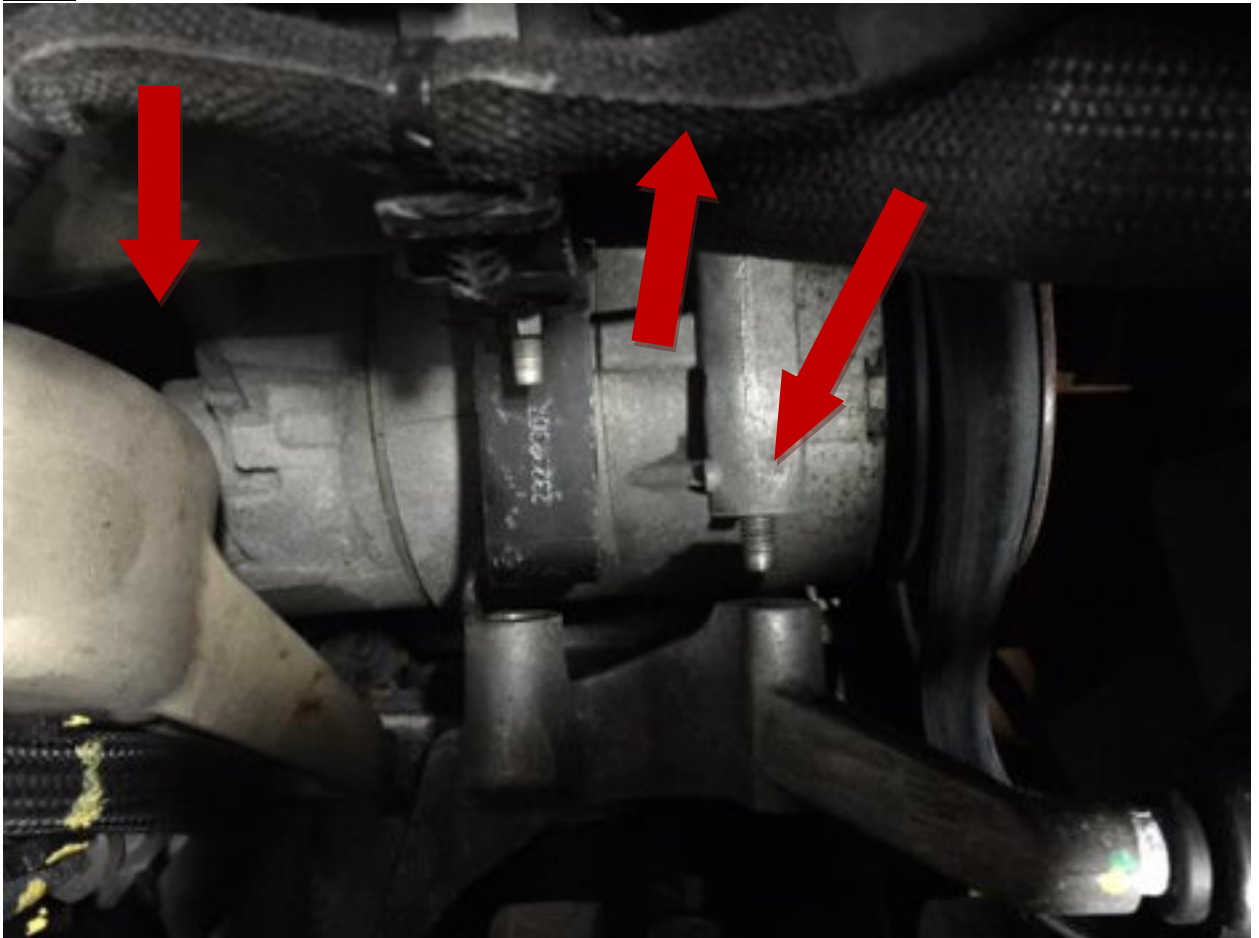


12. REMOVE DRIVER SIDE INNER FENDER (16 SCREWS, T15)

13. REMOVE SKID PLATE (4 BOLTS, 15MM)

14. DRAIN COOLANT

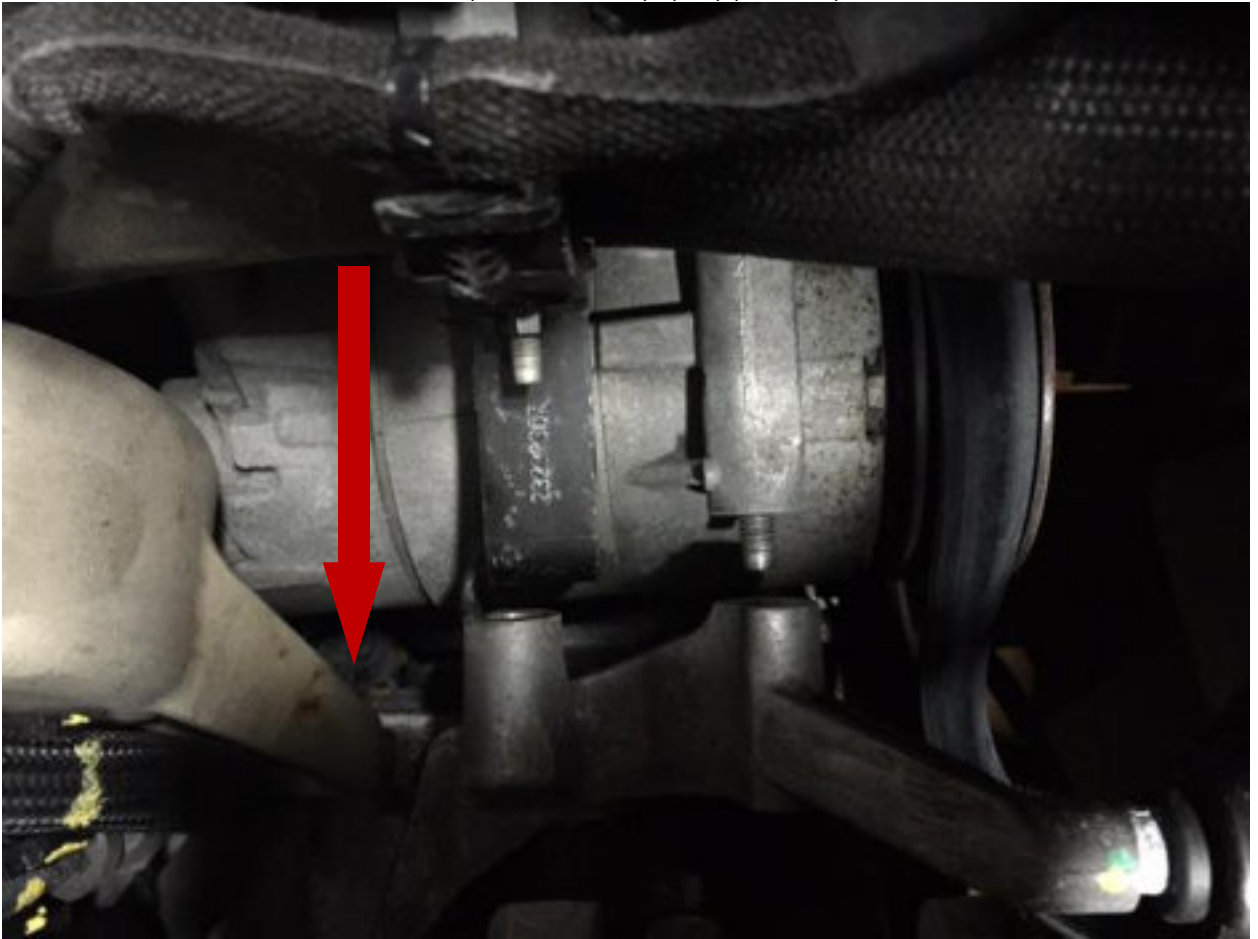
15. REMOVE TWO BOLTS AND ONE NUT FROM A/C COMPRESSOR (2 BOLTS, 13MM AND 1 NUT, 13MM)
NOTE: 1 BOLT REMOVED FROM UNDER HOOD, 1 BOLT AND 1 NUT REMOVED FROM FENDER WELL



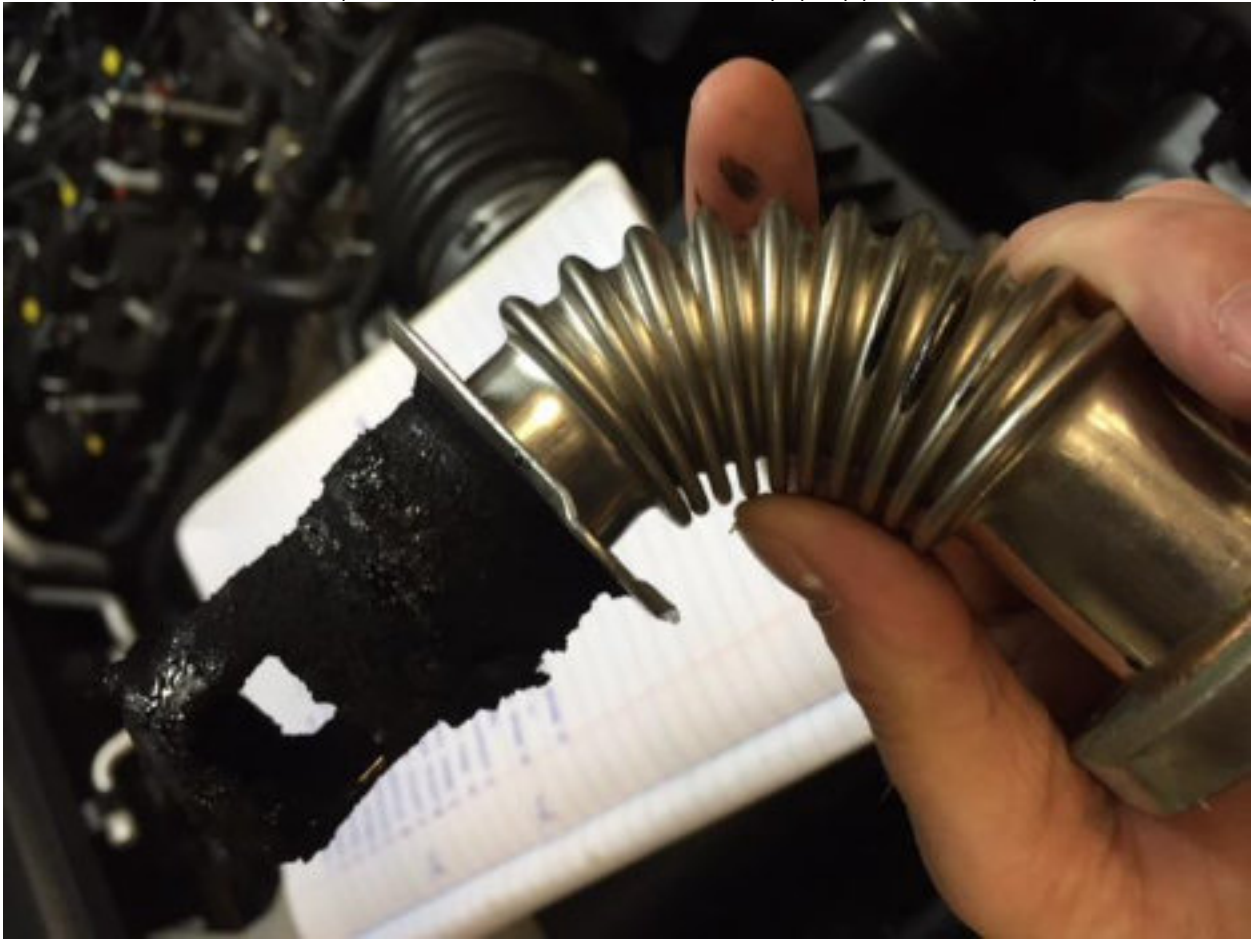
16. REMOVEUPPERRADIATORHOSEMOUNT (1 BOLT, 13MM) (PIC)



17. REMOVEFRONTEGRCOOLERMOUNT(1 BOLT, 13MM) (PIC)(ITEM 26)



18. REMOVE EGR BELLOWS PIPE (2 BOLTS, 8MM AND 2 BOLTS, 13MM) (PIC) (ITEMS 8, 9, 10)



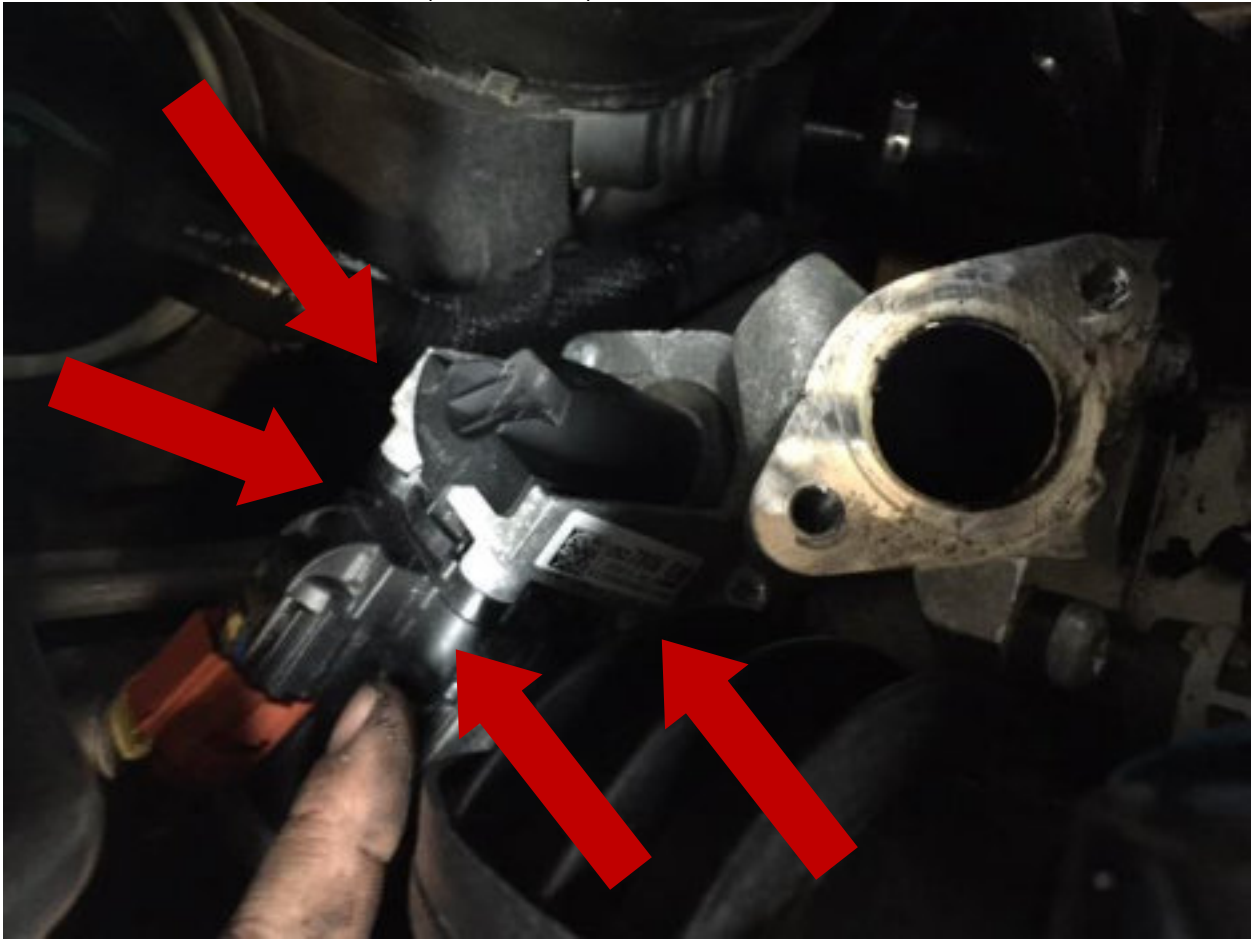
19. REMOVE AND UNPLUG EGR TEMP SENSOR (17MM) (ITEM 13)



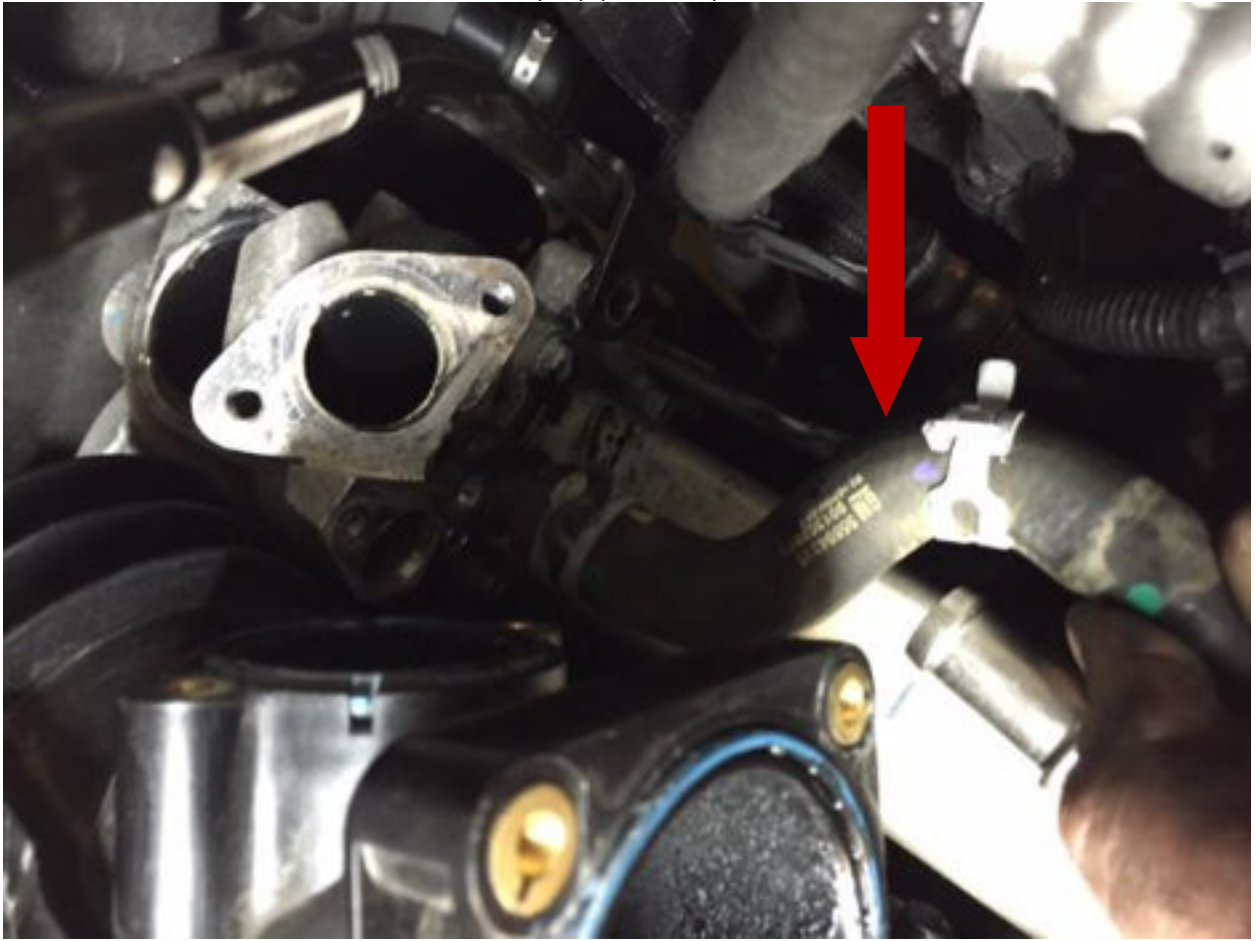
20. REMOVE WIRING HARNESS NUT (10MM)

21. REMOVE ENGINE DIP STICK BOLT/STUD (10MM)

22. UNPLUG AND REMOVE EGR VALVE (4 BOLTS, T30)



23. REMOVE UPPER COOLANT HOSE FROM EGR (PIC) (ITEM #30)



24. REMOVE UPPER COOLANT HOSE BARB FROM EGR HOUSING (1 BOLT, T30) (ITEMS #17, 18)



25. REMOVE EGR COOLER FROM EGR HOUSING (6 BOLTS, 5MM ALLEN) (PIC) (ITEMS #27, 28)

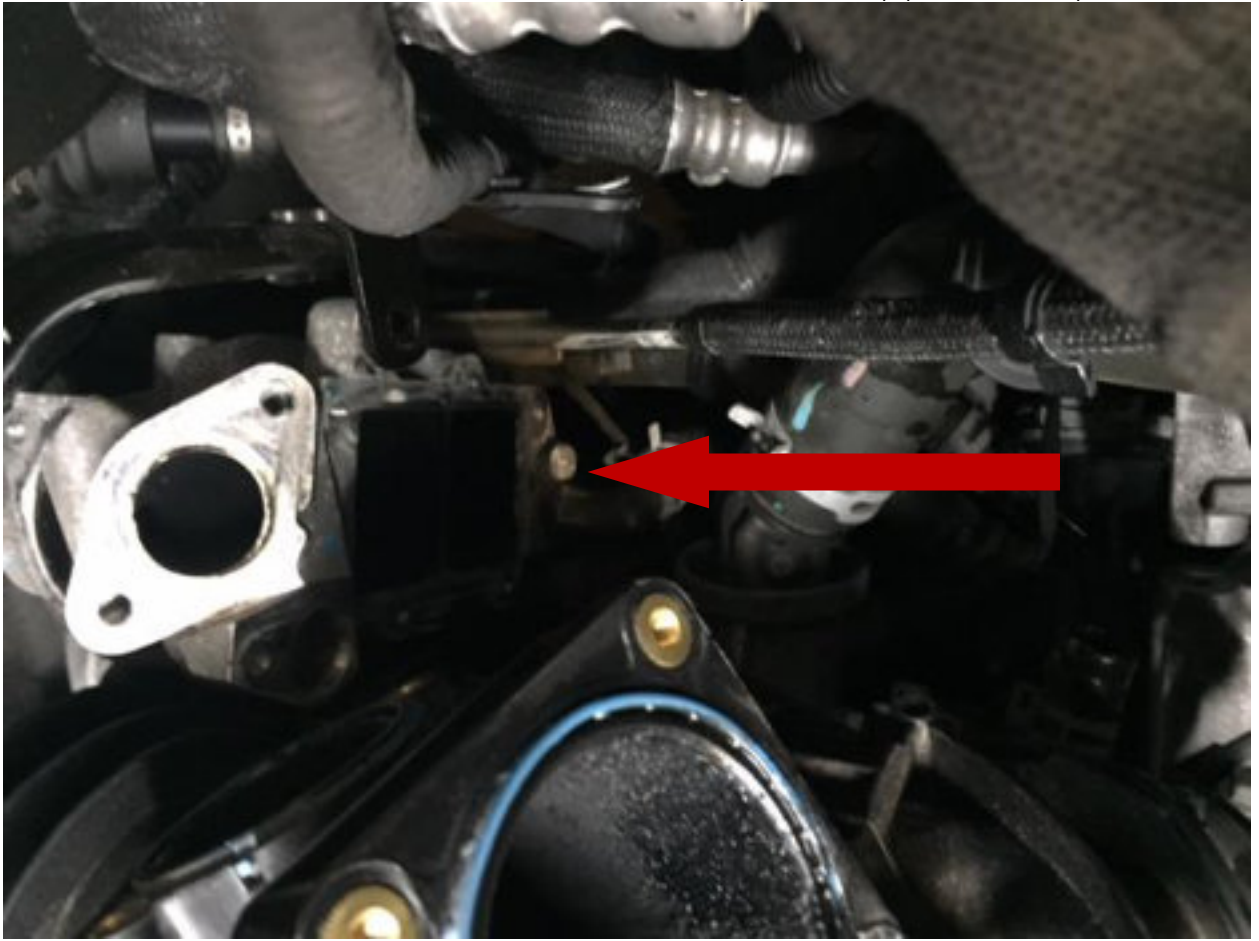


26. REMOVE LOWER COOLANT HOSE FROM EGR(PIC)
IF YOU CANNOT REMOVE IT CUT IT.

NOTE:



27. REMOVE LOWER COOLANT HOSE BARB FROM EGR HOUSING (1 BOLT, T30) (ITEMS #19, 20)



28. REMOVE EGR MIXING VALVE VACUUM LINE (CA OPEN VALVE) (PIC) (ITEM #11)



29. REMOVE FUELLINE SUPPORT BRACKET (1 BOLT, 15MM)

NOTE: ACCESS FROM UNDER TRUCK AND FENDER WELL. TURN STEERING WHEEL TO FULL RIGHT LOCK.



30. REMOVE EGR SUPPORT BRACKET BOLT (1 BOLT, 15MM) (ITEMS #21, 22)

NOTE: ACCESS FROM UNDER TRUCK AND FENDER WELL. TURN STEERING WHEEL TO FULL RIGHT LOCK.



31. REMOVE DIP STICK TUBE (1 BOLT, 10MM)

32. REMOVE NUTS FROM CYLINDER HEAD HOLDING THE EGR HOUSING (4 NUTS, 13MM) (ITEM #15)
NOTE: 2 OF THE NUTS CAN BE REACHED FROM THE TOP. THE OTHER 2 WILL HAVE TO BE REMOVED FROM UNDER THE TRUCK AND FENDER WELL.



33. REMOVE EGR HOUSING (PIC) (ITEM #45)

NOTE: IT IS HARD TO GET OUT. JUST KEEP PLAYING WITH IT LIKE A RUBIK'S CUBE SOMEDAY YOU WILL GET IT.



34. REMOVE COOLANT HOSES FROM THERMOSTAT HOUSING

INSTALLATION

1. INSTALL NEW GASKET AND BLOCKER PLATE (4 NUTS, 13MM)

NOTE: USE INCLUDED SPACERS AND FACTORY NUTS

2. INSTALL ALUMINUM BLOCKER PLATE TO INTAKE MANIFOLD (2 BOLTS, 8MM)

NOTE: USE FACTORY BOLTS

3. INSTALL SILICON CAPS AND HOSE CLAMPS ON THERMOSTAT HOUSING AND UPPER RADIATOR HOSE NIPPLE

NOTE: SILICON CAPS AND HOSE CLAMPS ARE SUPPLIED

4. RE-INSTALL DIP STICK ON ENGINE (1 BOLT, 10MM)

5. USE FACTORY STUD REMOVED FROM THE DIP STICK AND WIRING HARNESS TO BOLT WIRING HARNESS AND DIP STICK TOGETHER (1 STUD, 10MM AND 1 NUT, 10MM)

6. RE-INSTALL UPPER COOLANT HOSE BRACKET ABOVE A/C COMPRESSOR (1 BOLT, 13MM)

7. RE-INSTALL A/C COMPRESSOR (1 BOLT, 13MM ON TOP) (1 BOLT, 13MM AND 1 NUT, 13MM IN FENDER WELL)

NOTE: LINE UP THE BOLT ON THE BACK OF THE A/C COMPRESSOR FIRST

8. RE-INSTALL ALTERNATOR (2 BOLTS, 15MM)

9. RE-INSTALL POSITIVE WIRE ON ALTERNATOR (1 NUT, 13MM)

10. RE-INSTALL PLUG ON ALTERNATOR

11. RE-INSTALL THROTTLE VALVE

NOTE: CLEAN IT BEFORE RE-INSTALLATION

12. RE-INSTALL FUEL LINE

13. RE-INSTALL INTERCOOLER PIPE (FLAT BLADE SCREW DRIVER)

14. RE-INSTALL INTAKE AIR TEMP SENSOR (17MM)

15. CLOSE COOLANT DRAIN ON RADIATOR

16. FILL COOLANT AND CHECK FOR LEAKS

NOTE: IT WILL TAKE A LITTLE LESS THAN 2 GALLONS TO RE-FILL THE SYSTEM.

17. RE-INSTALL INNER FENDER (MANY SCREWS, T15)

18. RE-INSTALL SKID PLATE (4 BOLTS, 15MM)

19. RE-CONNECT BATTERY (10MM)

EGR BREAKDOWN

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