

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" OR3/8" DRIVE)
7. 13MM SOCKET(1/4" OR3/8" DRIVE)
8. 15MM SOCKET(3/8" OR1/2" DRIVE)
9. T30 1/4" DRIVESOCKET
10. T15 1/4" DRIVESOCKET
11. 5MM ALLEN1/4" DRIVESOCKET
12. 1/4" DRIVERATCHET
13. 1/4" DRIVESHORTEXTENSION
14. 3/8" DRIVERATCHET
15. 3/8" DRIVESHORTEXTENSION
16. 3/8" DRIVEMEDIUM EXTENSION
17. 3/8" DRIVELONGEXTENSION
18. 1/2" DRIVERATCHET
19. 1/2"DRIVESHORTEXTENSION
20. 1/2" DRIVELONGEXTENSION
21. 3/8" FUELLINE 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) OZTUNER EGRDELETE KIT FOR 2.8L DURAMAX
2. (2) 1 GALLON JUGS OF DEXCOOLANT/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 BACKUP. 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 INTERCOOLERPIPE FROM THROTTLE VALVE (ITEM #1) (FLAT BLADE SCREW DRIVER)

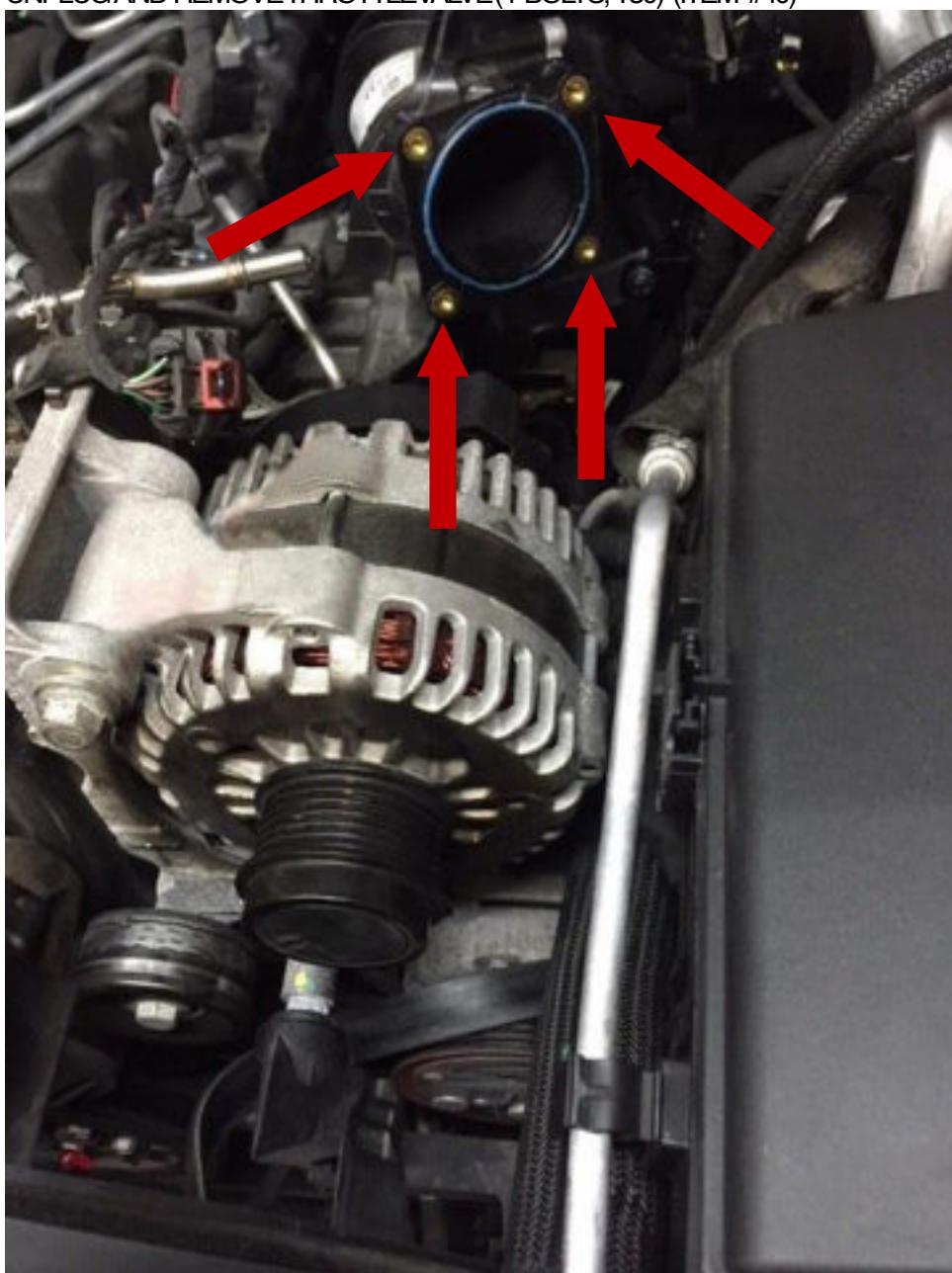


6. DISCONNECT FUEL FEEDLINE (3/8" FUEL LINE REMOVAL TOOL)



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 CONNECTORON THE TOP BACK OF THE ALTERNATOR



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



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



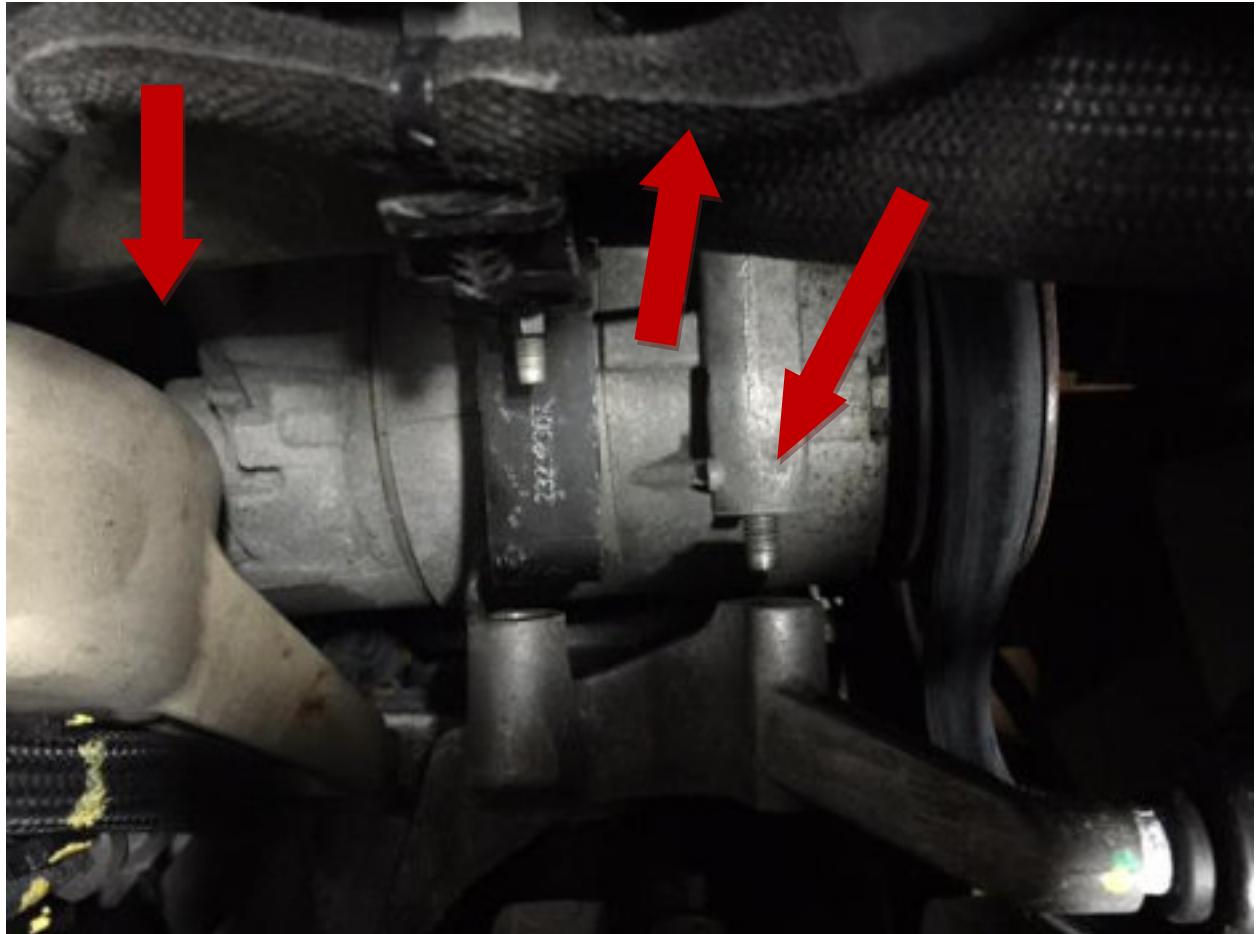
12. REMOVE DRIVER SIDE INNER FENDER (16 SCREWS, T15)

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

14. DRAIN COOLANT

15. REMOVE TWO BOLTS AND ONE NUT FROM A/C COMPRESSOR (2BOLTS, 13MM AND 1 NUT, 13MM)

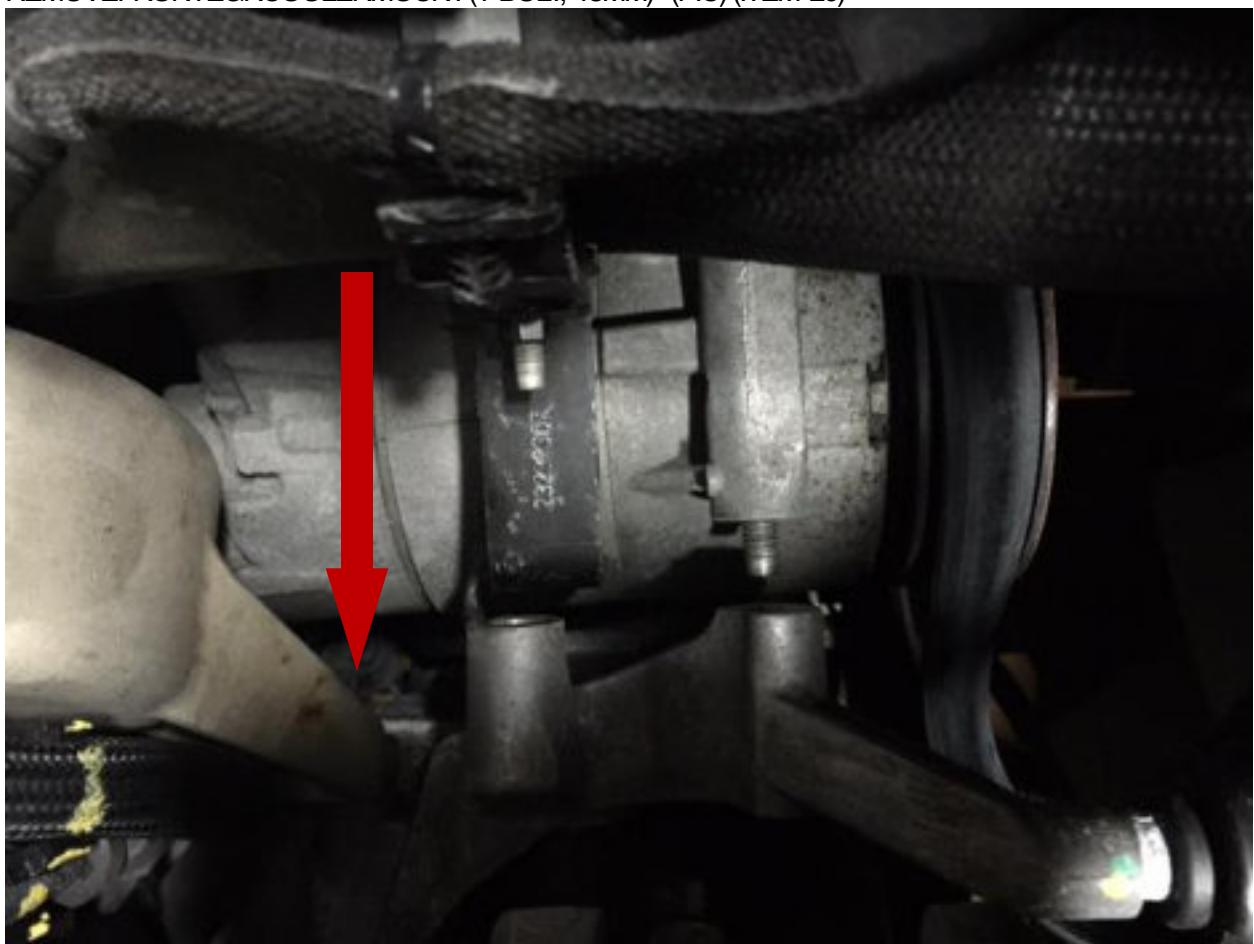
NOTE: 1 BOLT REMOVED FROM UNDER HOOD, 1 BOLT AND 1 NUT REMOVED FROM FENDER WELL



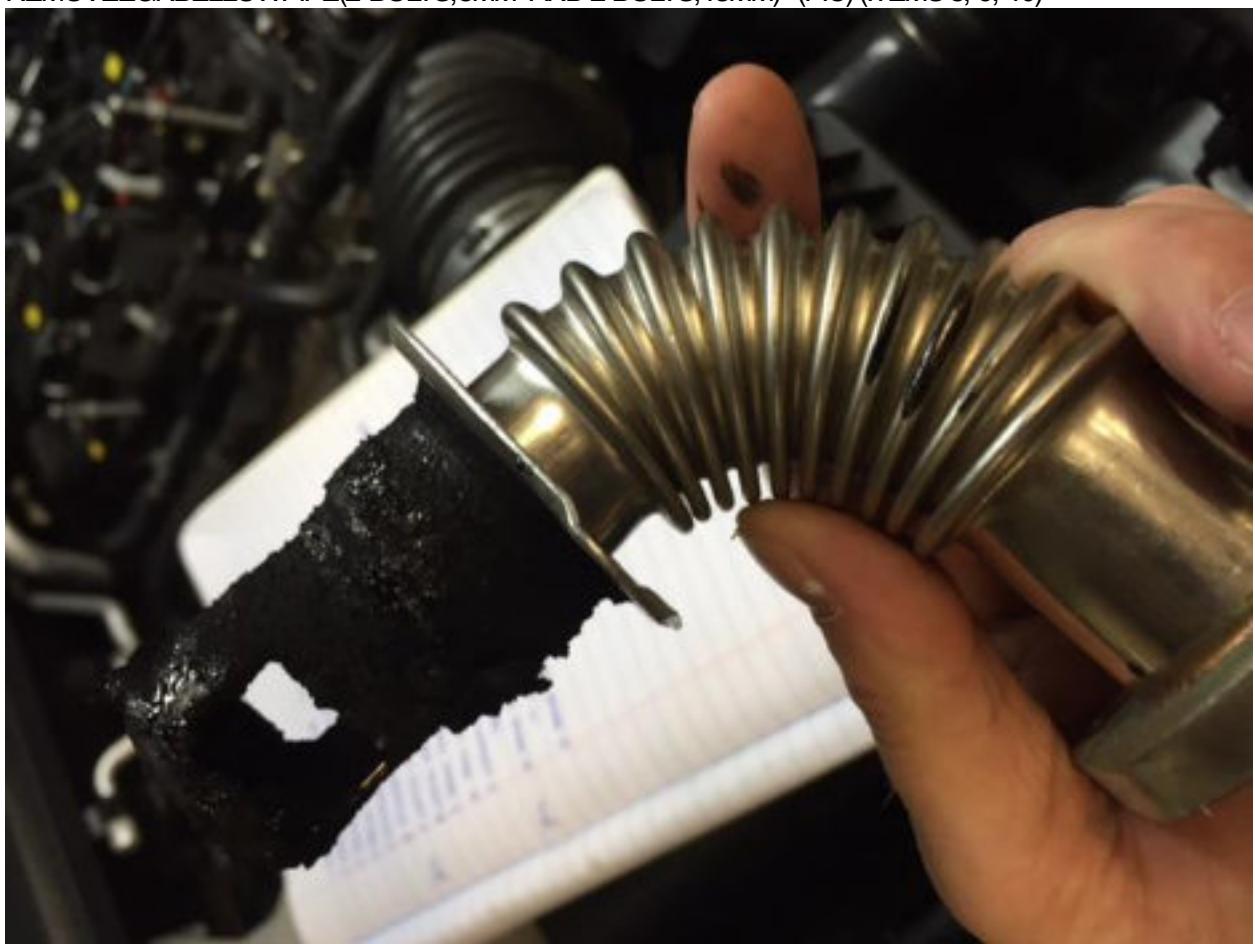
16. REMOVEUPPERRADIATORHOSE MOUNT (1 BOLT, 13MM) (PIC)



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



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



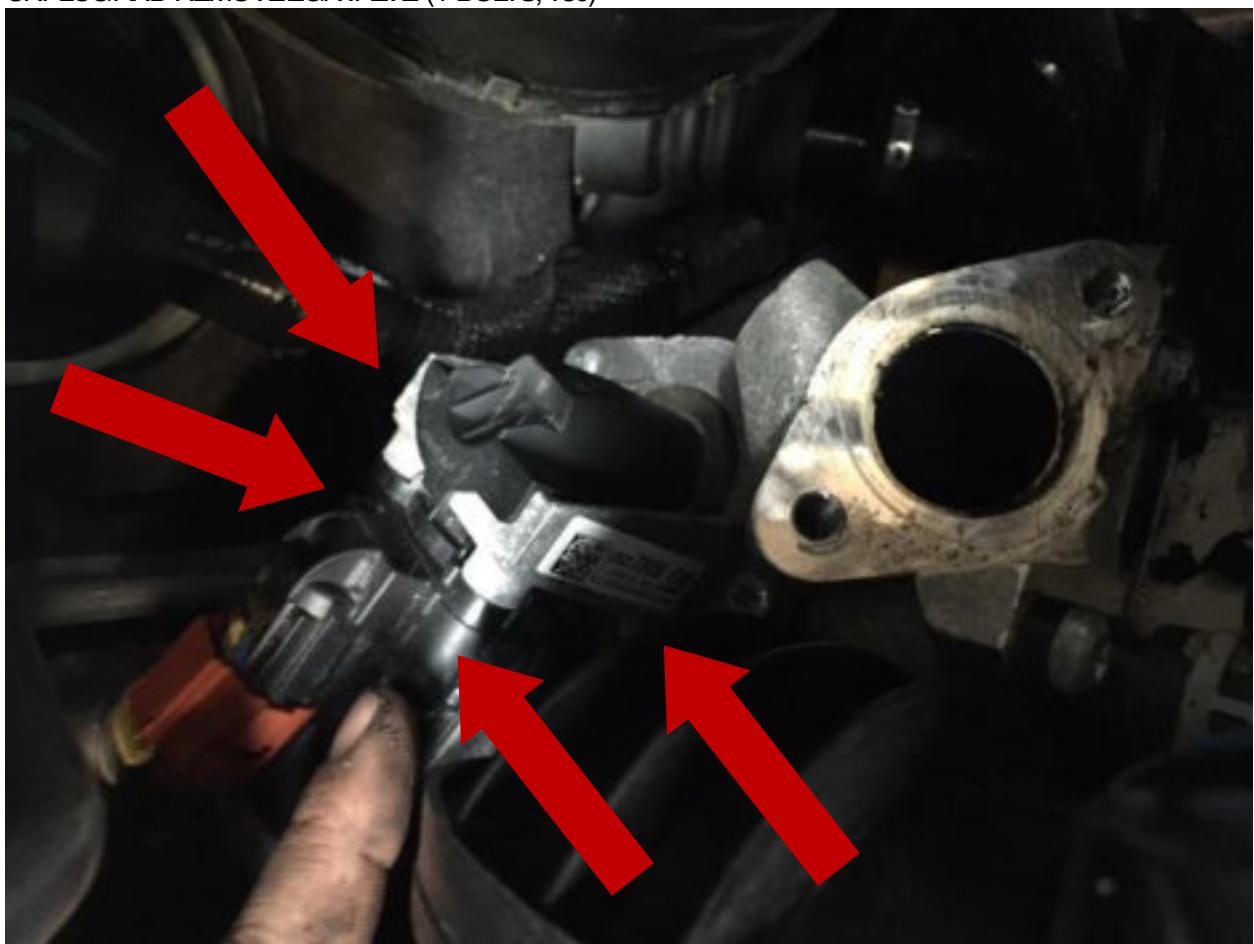
19. REMOVE AND UNPLUG EGR TEMP SENSOR (17MM) (ITEM 13)



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 (P10)
IF YOU CANNOT REMOVE IT CUT IT.

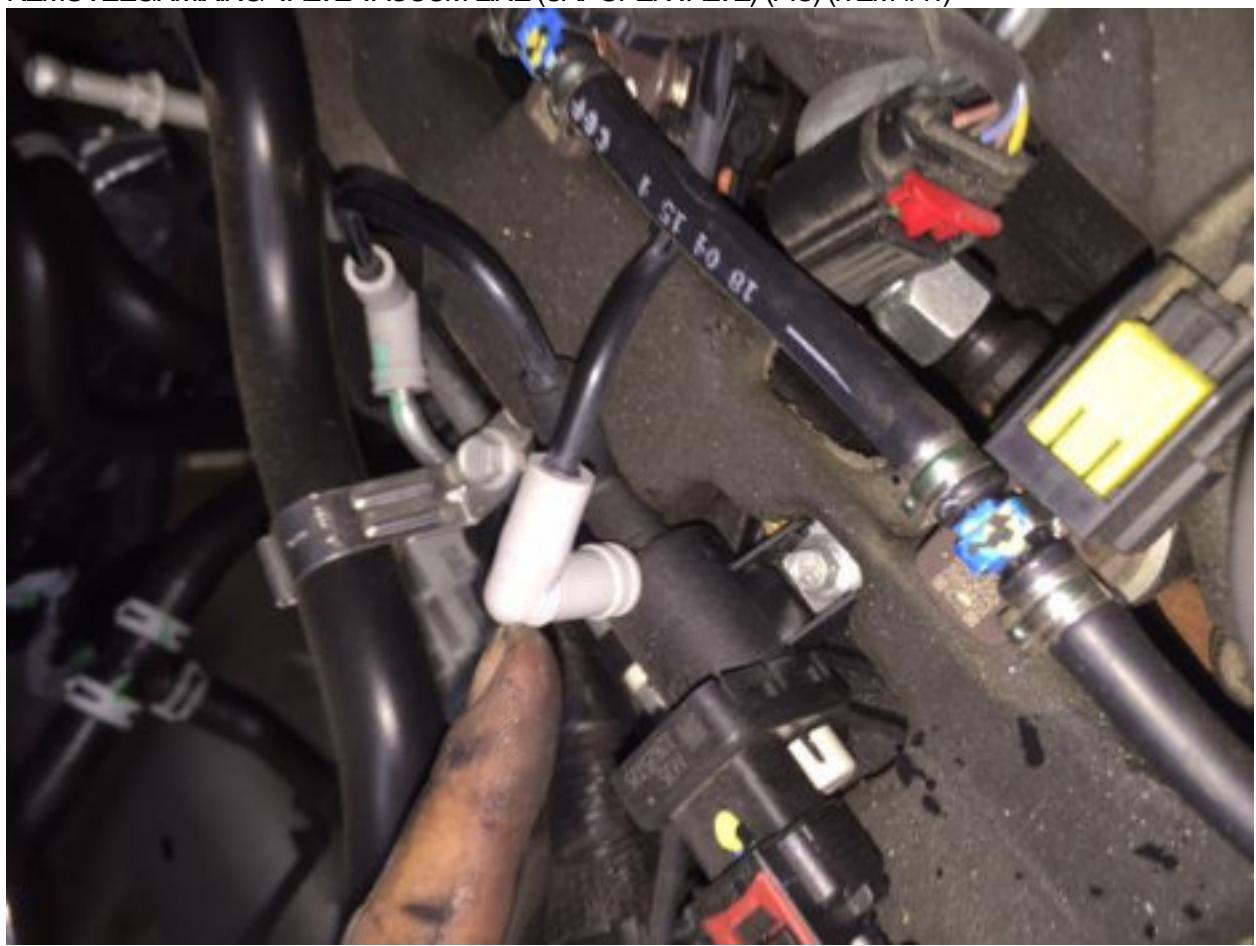
NOTE:



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



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



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

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



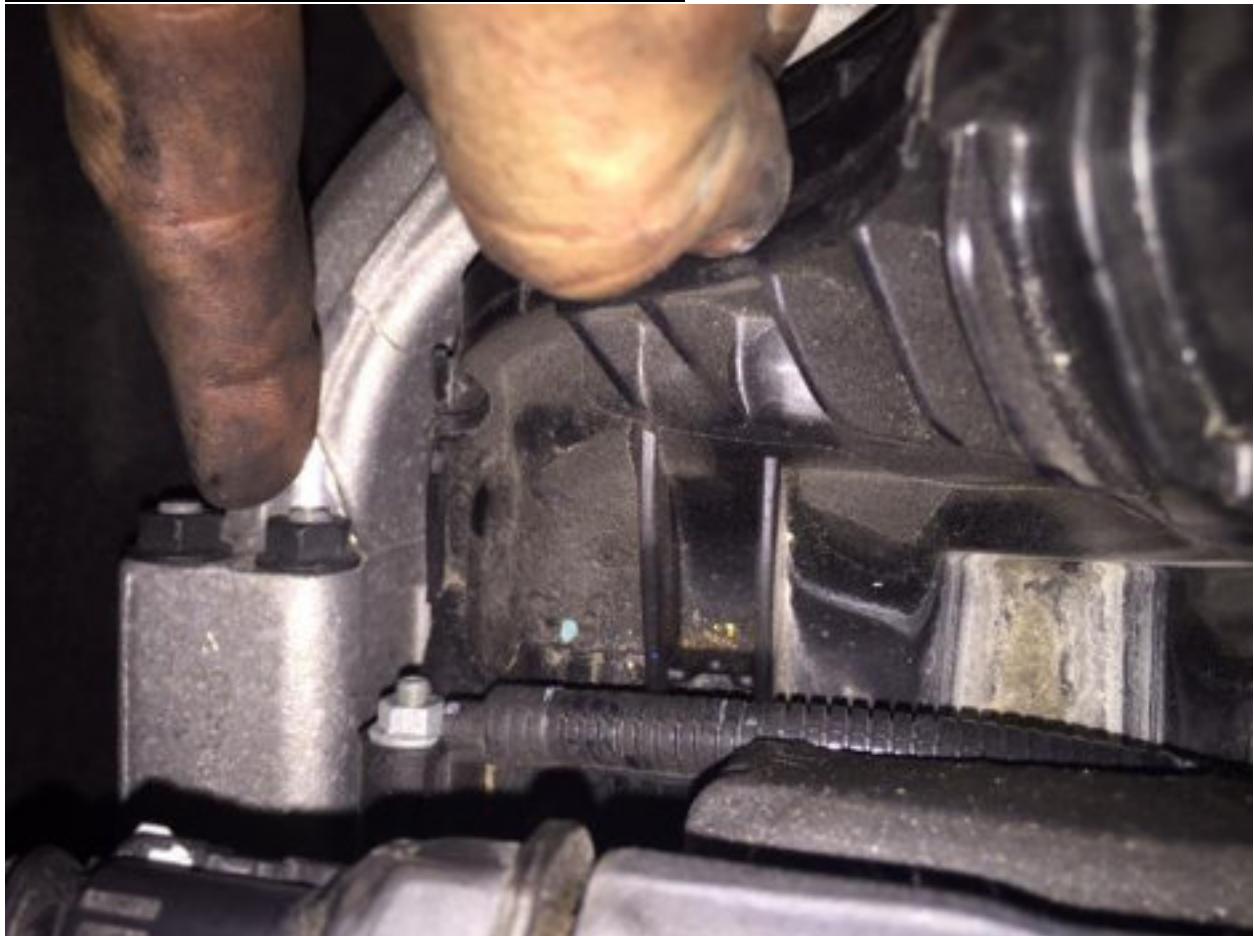
30. REMOVE EGR SUPPORT BRACKET BOLT (1 BOLT, 15MM) (ITEMS #21, 22)

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 BLOCKERPLATE(4 NUTS, 13MM)
NOTE: USE INCLUDED SPACERS AND FACTORY NUTS
2. INSTALL ALUMINUM BLOCKERPLATE TO INTAKE MANIFOLD (2 BOLTS, 8MM)
NOTE: USE FACTORY BOLTS
3. INSTALL SILICON CAPS AND HOSECLAMPS 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 DIPSTICK AND WIRING HARNESS TO BOLT WIRING HARNESS AND DIPSTICK 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 SCREWDRIVER)
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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