



EGR/EGR COOLER DELETE KIT

INSTALLATION GUIDE

2007.5 - 2010 Dodge 6.7L Cummins 2500/3500



WARNING!

This high performance product is intended for off-road, closed-course racing use ONLY. This product may never be installed on a vehicle registered for highway use. By installing the EGR or EGR Cooler Delete Kit onto your vehicle, you assume all risk and liability associated with its use. It is your responsibility to ensure that your vehicle complies with all national, state, and local emissions laws. Due to its high performance nature, the EGR or EGR Cooler Delete Kit may void vehicle manufacturer's warranty. H&S Performance, LLC assumes no liability for misuse of its products. By installing the EGR or EGR Cooler Delete Kit, you release H&S Performance, LLC of any and all liability associated with its use. Any and all civil penalties for removing your vehicles emissions equipment are the sole responsibility of the end user. Check your laws before installing!

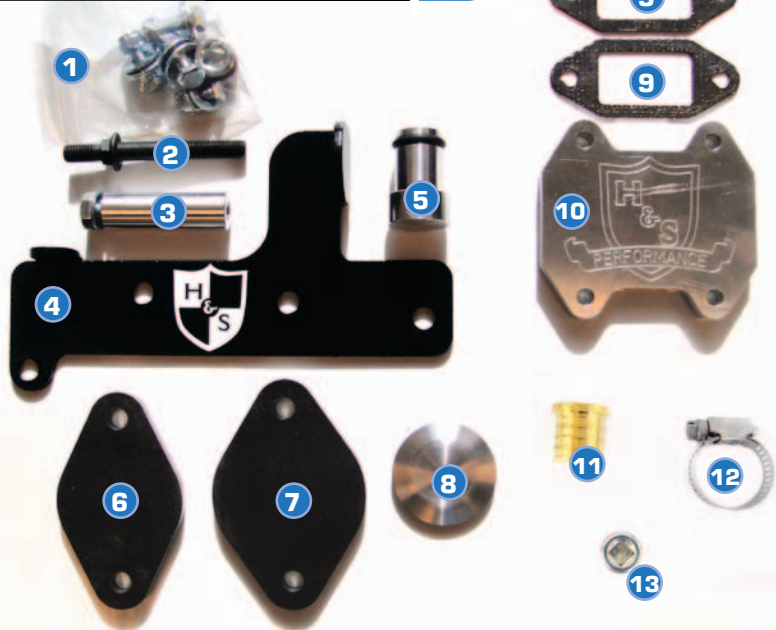
H&S Performance EGR kits are designed to be used in conjunction with an H&S Tuner. If you are installing this EGR delete kit without an H&S tuner, you will almost certainly get a Check Engine Light(CEL), as well as possible undesirable performance. If using ANY other brand tuner besides H&S, please contact your particular tuner manufacturer to determine if their tuning is designed to work in conjunction with an EGR delete kit.

TROUBLESHOOTING:

Please read and understand all installation instructions before proceeding with the installation.

If you have questions during the installation of this product, please call H&S Performance support at 1-888-628-1730

KIT CONTENTS



- 1 Three 5/16" X 1" Bolts & One 1/4" X 7/8" Bolt w/nuts & washers
- 2 One Threaded Stud
- 3 One Bracket Spacer & Bolt w/washer
- 4 One Bracket
- 5 One Coolant Line Plug w/O-Ring (09-10)
- 6 One Small Cooler Plate
- 7 One Large Cooler Plate
- 8 One Crossover Tube Plug
- 9 Two EGR Gaskets
- 10 One EGR Plate
- 11 One Brass Plug (07-08)
- 12 One Hose Clamp
- 13 One Threaded Coolant Plug

WHAT YOUR KIT INCLUDES:

301001 - 07-08 EGR/Cooler Delete PICKUP & CAB/CHASSIS

KIT CONTAINS: #6, #7, #9, #10, #11, #12, #13 (Steps 1 - 18)

301002 - 2007-2010 EGR Delete

KIT CONTAINS: #8, #9, #10 (Steps 1 - 7)

301003 - 2007-2008 Cooler Delete PICKUP & CAB/CHASSIS

KIT CONTAINS: #6, #7, #11, #12, #13 (Steps 8 - 18)

301004 - 2009-2010 EGR/Cooler Delete PICKUP & CAB/CHASSIS

KIT CONTAINS: #1, #2, #3, #4, #5, #6, #7, #9, #10, #13 (Steps 1 - 29)

301005 - 2009-2010 Cooler Delete ONLY, PICKUP & CAB/CHASSIS

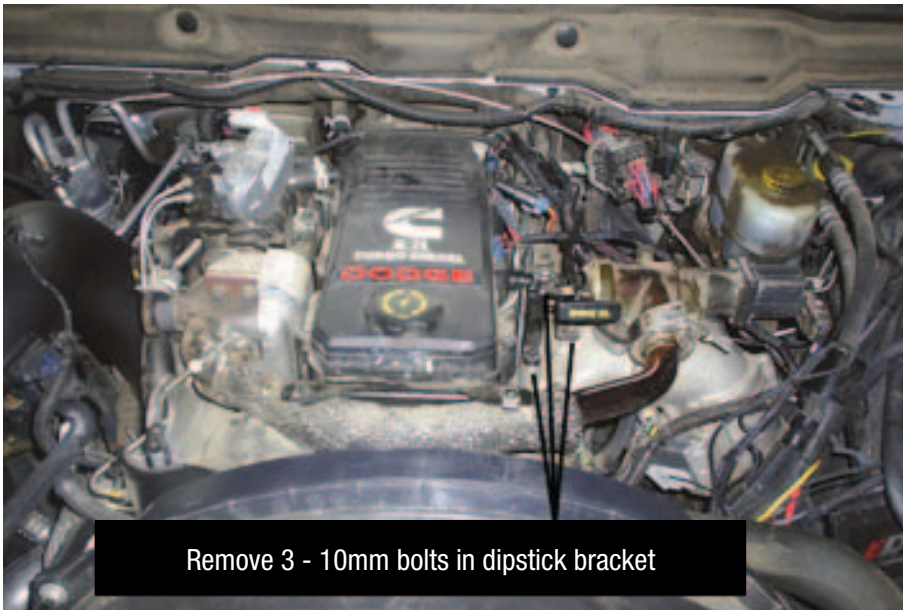
KIT CONTAINS: #1, #2, #3, #4, #5, #6, #7 (Steps 8 - 29)

STEP 1



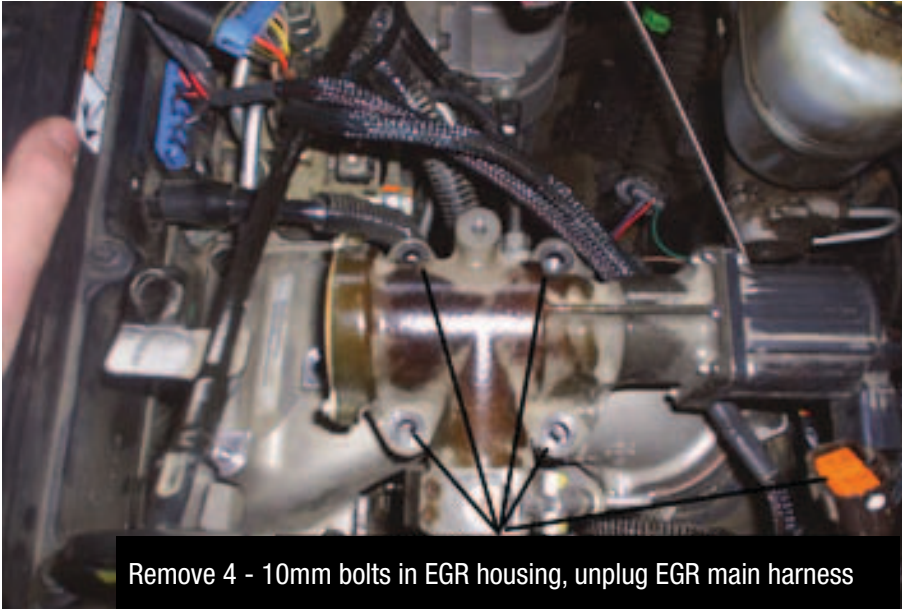
Remove 4 - 8mm bolts, remove dipstick, remove plastic cover

STEP 2



Remove 3 - 10mm bolts in dipstick bracket

STEP 3



Remove 4 - 10mm bolts in EGR housing, unplug EGR main harness

STEP 4



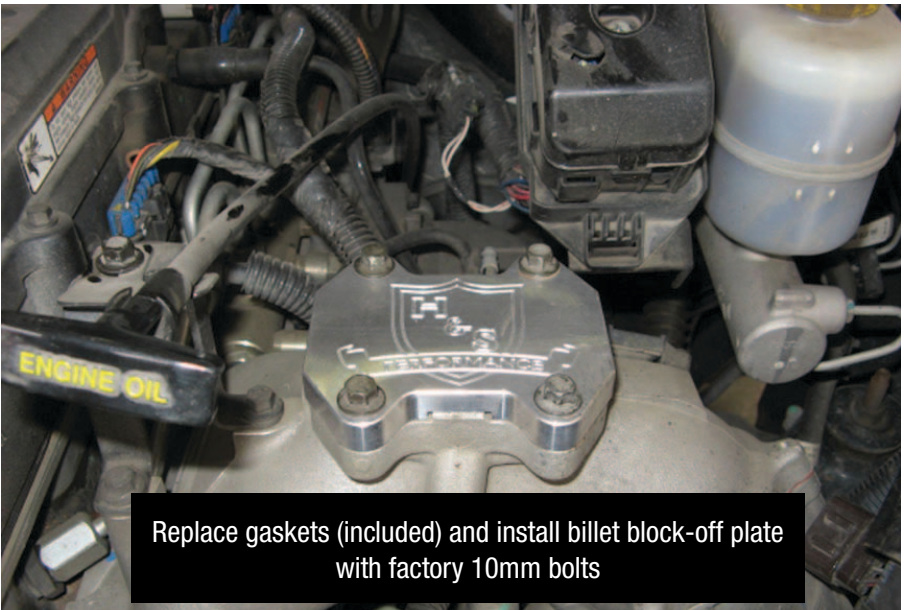
Loosen clamps on both sides of EGR crossover pipe, remove 1 - 8mm bolt in center of pipe (underneath)

STEP 5



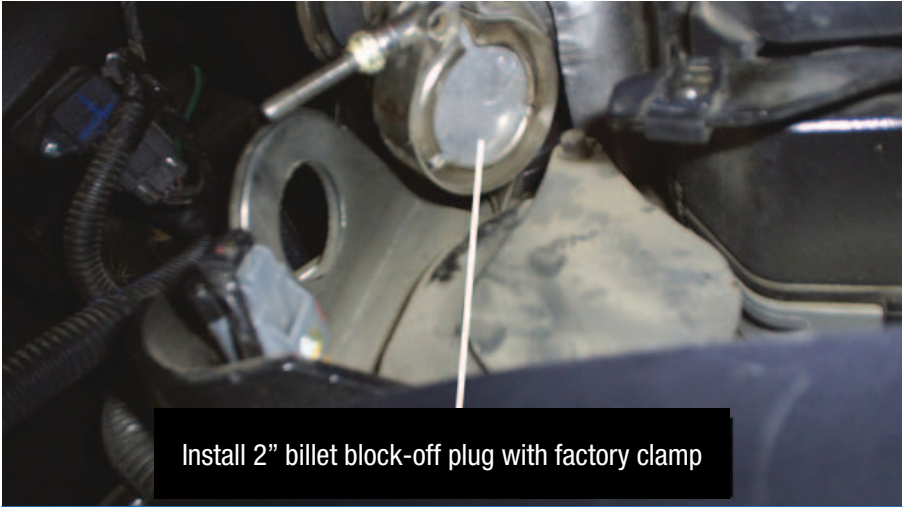
Remove crossover pipe and re-install 8mm bolt

STEP 6



Replace gaskets (included) and install billet block-off plate with factory 10mm bolts

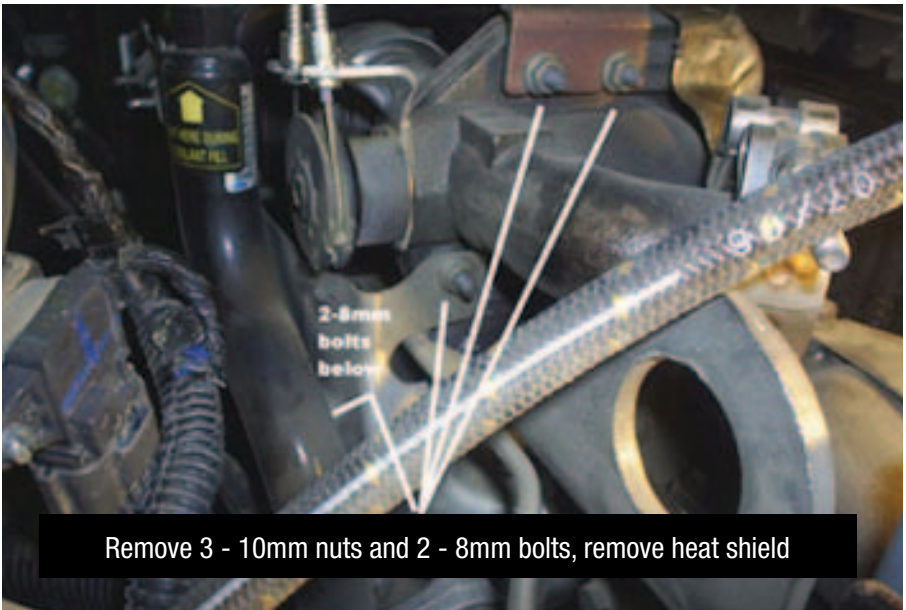
STEP 7



Install 2" billet block-off plug with factory clamp

If installing cooler delete, skip to step 8. If only installing EGR delete, perform step 7, then STOP.

STEP 8



Remove 3 - 10mm nuts and 2 - 8mm bolts, remove heat shield

STEP 9



Remove 4 - 10mm bolts and remove housing



STEP 10



Remove 4 - 10mm bolts. If pick-up model install front block off plate with factory 15mm bolts. If cab & chassis model skip to next step.



STEP 11



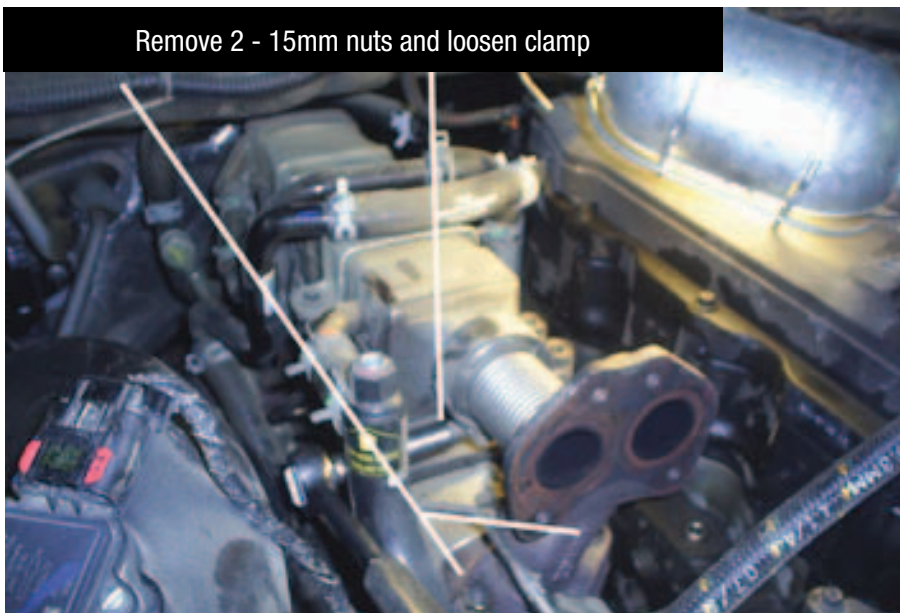
Remove 3 - 8mm bolts from top of servo, remove 4 - 10mm bolts and remove valve housing and servo motor plate



STEP 12



Remove 2 - 15mm nuts and loosen clamp



STEP 13



Remove CCV hose and coolant lines
(it is normal for it to leak some coolant)

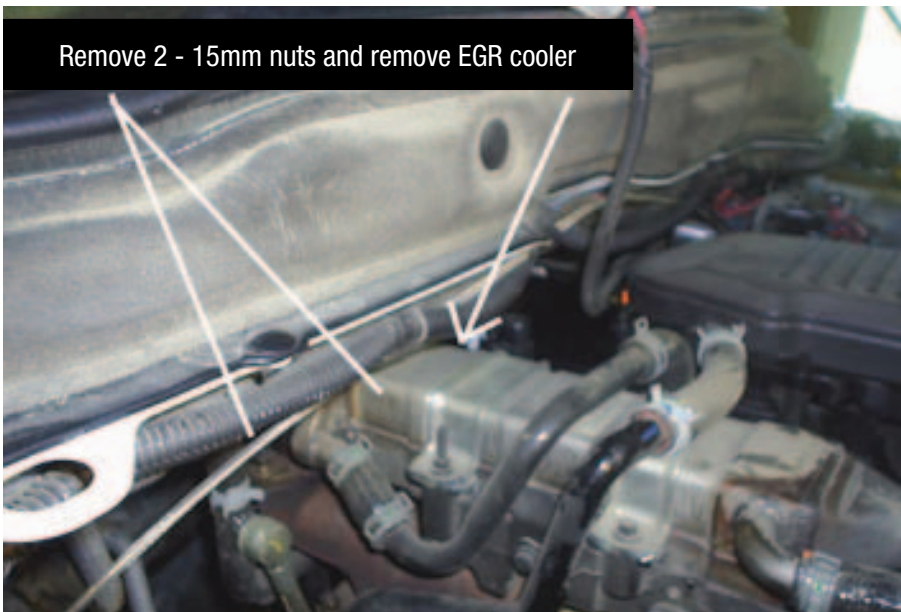
For 2010 vehicles, you may need to remove the lower bolt holding the forward coolant pipe to get enough movement to remove the pipe from the cooler. Be careful not to pull pipe off of the lower line or you will leak excess coolant.



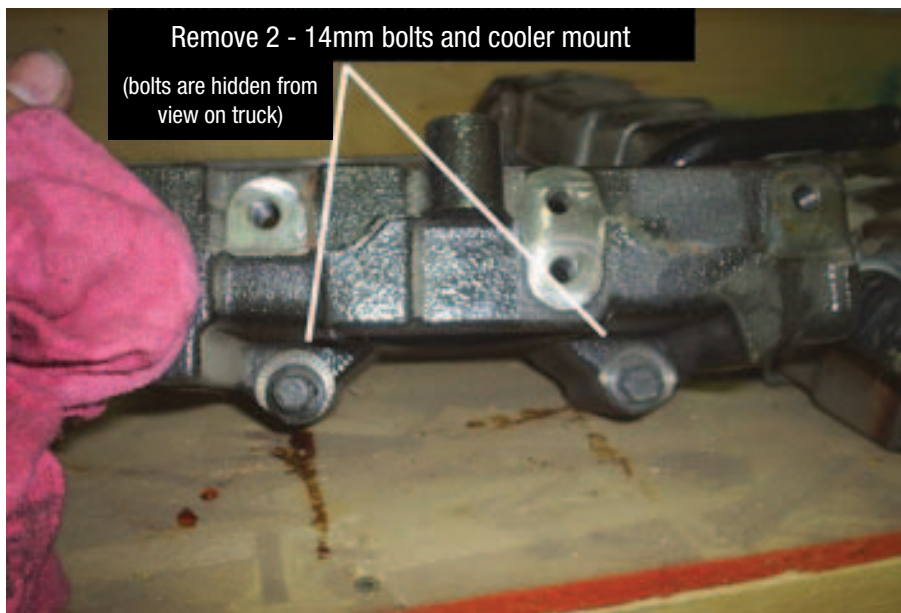
STEP 14



Remove 2 - 15mm nuts and remove EGR cooler



STEP 15



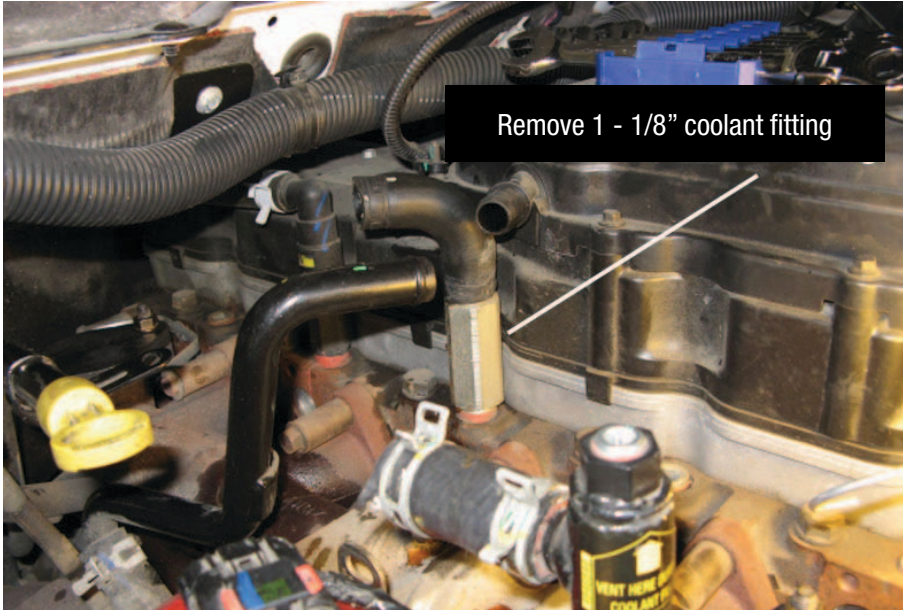
STEP 16



Install rear block-off plate



STEP 17



STEP 18



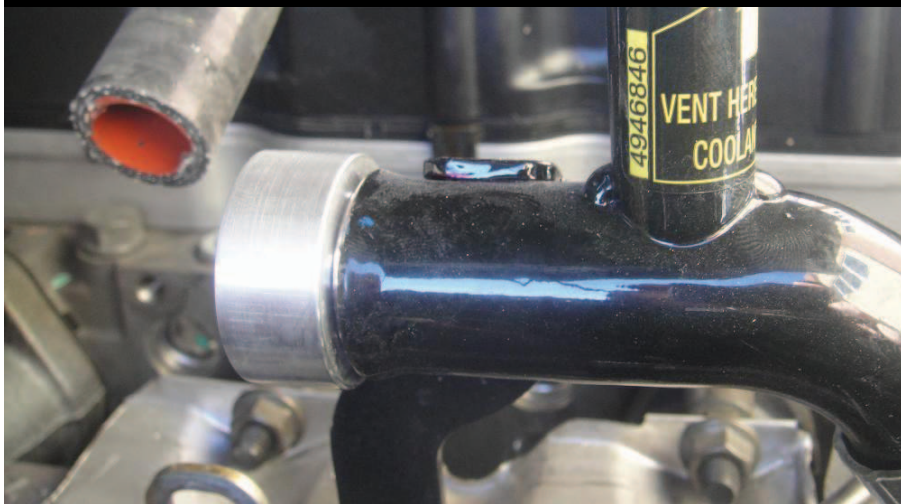
Install threaded plug. For 2007 - 2008 models install brass plug in coolant line and you are finished. For 2009-2010 models continue on to step 19.



STEP 19



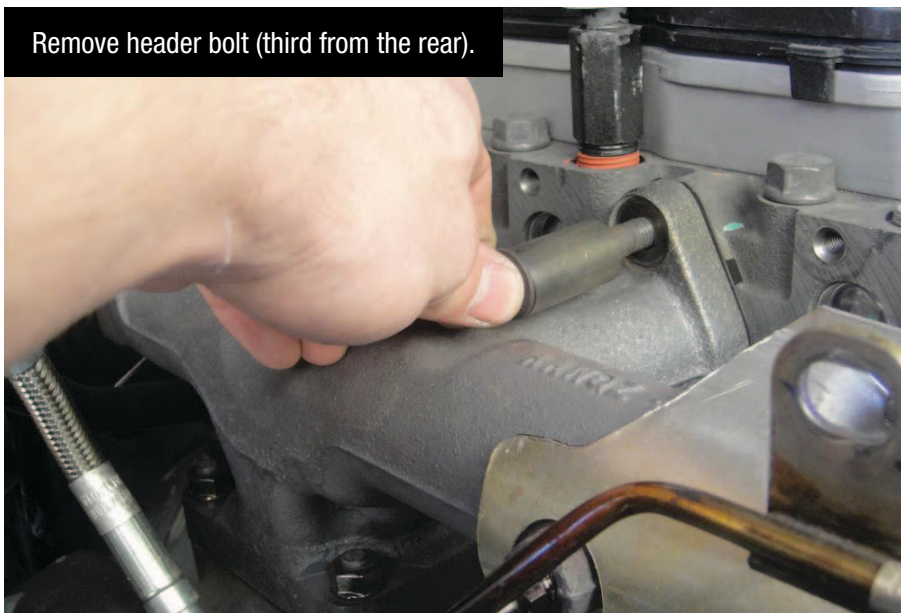
Install coolant plug into coolant pipe. It is recommended that you apply a thin coat of lubricant on the o-ring before installation. Ensure plug is pressed all the way in.



STEP 20



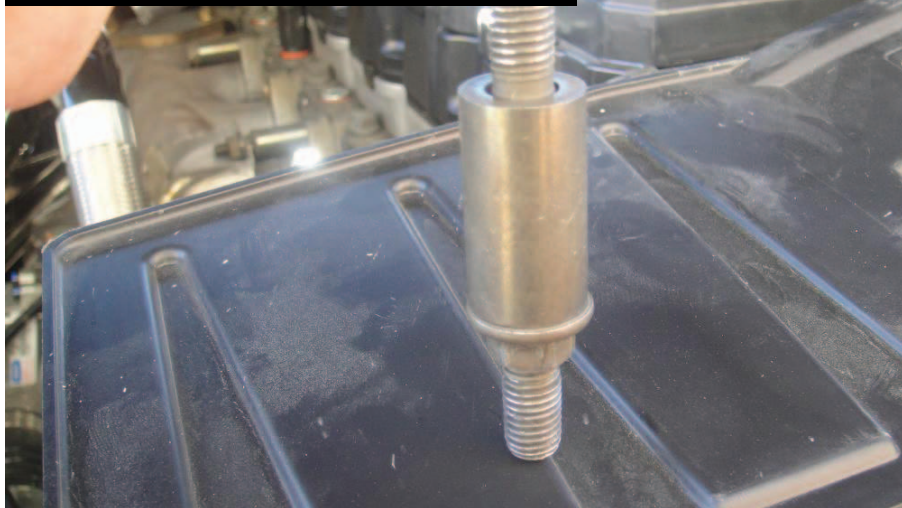
Remove header bolt (third from the rear).



STEP 21



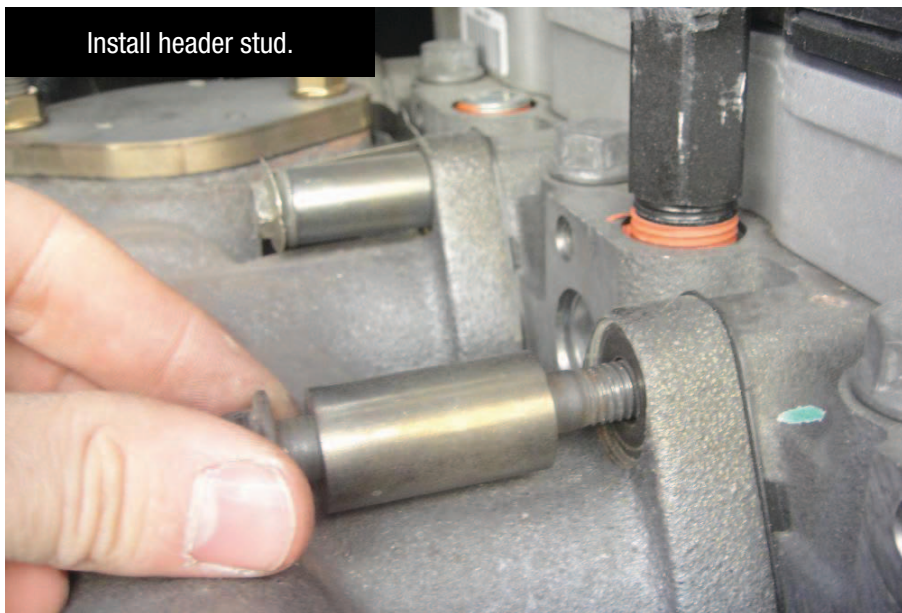
Remove spacer from previously removed header bolt and install spacer on supplied header stud.



STEP 22



Install header stud.



STEP 23



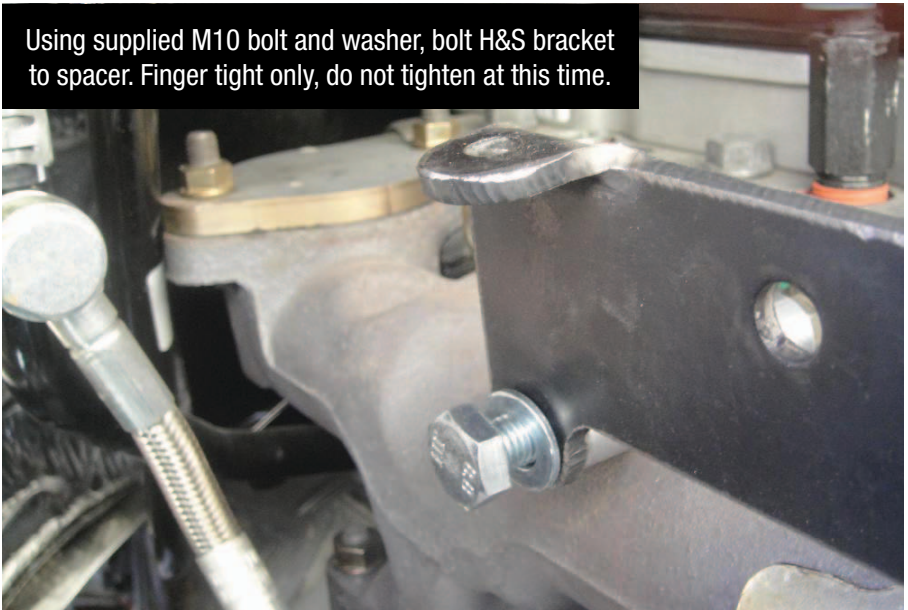
Thread supplied spacer onto previously installed header stud. Tighten as tight as possible using fingers.



STEP 24



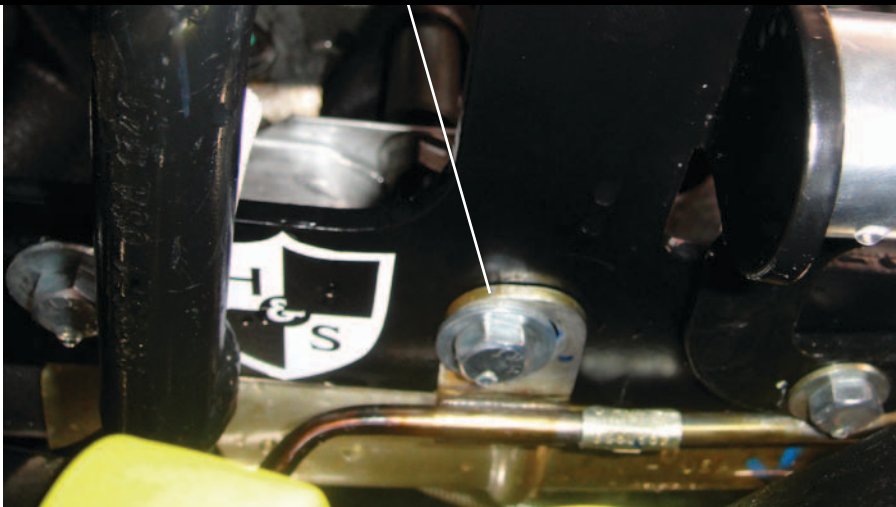
Using supplied M10 bolt and washer, bolt H&S bracket to spacer. Finger tight only, do not tighten at this time.



STEP 25



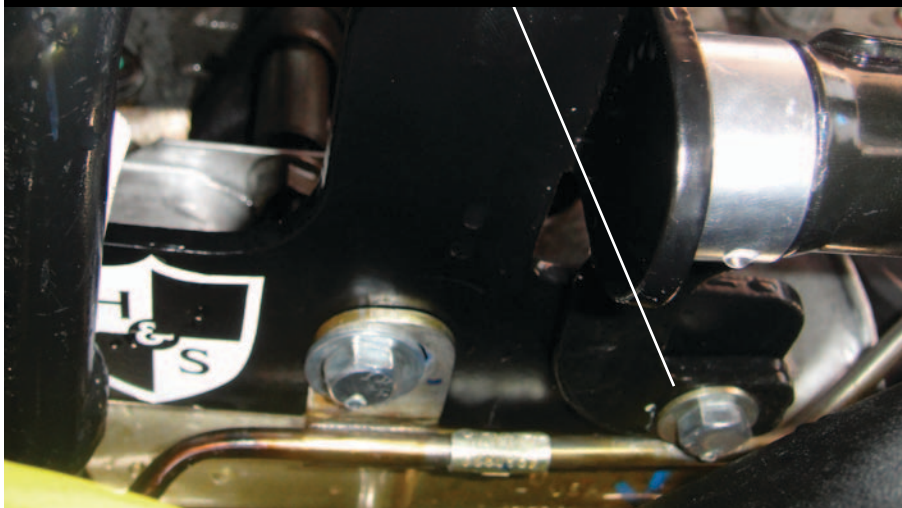
Bolt H&S bracket to pressure line bracket using supplied 5/16" bolt, washers, and nut. Tighten H&S bracket until snug, not tight.



STEP 26



Bolt H&S bracket to coolant pipe bracket using supplied 5/16" bolt, washers, and nut. Tighten H&S bracket until snug, not tight.



STEP 27



Bolt transmission dipstick (Automatic Only) to H&S bracket using supplied 1/4" bolt, washers, and nut. Do not tighten at this time.



STEP 28



Adjust H&S bracket and coolant pipe so that the plug and bracket are pressing against each other firmly. Tighten all bolts.



STEP 29



Bolt crankcase breather pipe bracket to H&S bracket using supplied 5/16" bolt, washers, and nut and tighten.



ENJOY!





All EGR Kits are considered high performance racing parts, and are intended and developed for non-street-legal, off-highway, closed course racing use ONLY!

Installation of this product on a non-sanctioned race vehicle, on ANY road, public or private, is STRICTLY PROHIBITED in the United States and Canada. This product may cause the vehicle it is installed on to exceed federal emissions limits, and therefore cannot be installed on any vehicle that has been certified or registered for highway use. Removing your emissions equipment, including but not limited to, exhaust gas recirculation(EGR), catalytic converter, or Diesel Particulate Filter(DPF), is against federal regulations set forth by the EPA, when not used for closed-course sanctioned racing. H & S Performance, LLC strongly recommends that all emissions equipment be left in place at all times on any vehicle that has been registered or certified for highway use. By purchasing or installing this high performance product, you release H & S Performance, LLC of any and all liabilities, and assume all responsibility for making sure your vehicle is compliant with all local, state, and federal emissions regulations. By installing this product you agree to these terms and conditions, and also acknowledge that installing a high performance product on your vehicle may void your manufactures warranty. By installing this product, you assume all risks and liabilities, including but not limited to, loss of vehicle warranty, fines, and/or civil penalties. By installing this product, you assume all associated risks and liabilities, and in no way will hold H & S Performance, LLC liable for any unlawful use, mis-use, or consequential damages.



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