

INSTALLATION GUIDE

EVO X CAST EXHAUST MANIFOLD

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TOOLS REQUIRED:

14mm Socket
8mm Allen head socket
3/8" ratchet
Medium length extension
14mm Wrench
10mm Stud removal tool

WHAT'S IN THE BOX:

1x Investment cast exhaust manifold
1x Investment cast exhaust manifold hardware kit (2 bolts)

1. REMOVE ENGINE COVER, AND STRUT BAR. SET TO THE SIDE, REMOVE UPPER INTERCOOLER PIPE - NOT REQUIRED, JUST MAKES IT EASIER - REMOVE THE FACTORY HEAT SHIELD IF EQUIPPED



2. REMOVE TWO TURBO TO MANIFOLD NUTS, AND TWO STUDS - EITHER A STUD EXTRACTOR FOR 8MM STUDS, OR THE "DOUBLE NUT" TECHNIQUE TO REMOVE THE STUDS. THESE CAN BE VERY DIFFICULT TO REMOVE, SO COATING IN PENETRATING OIL AHEAD OF TIME IS NOT A BAD IDEA. REMOVE TWO BOLTS ON THE TURBO TO MANIFOLD FLANGE



3. REMOVE TEN MANIFOLD TO HEAD NUTS. LIFT THE MANIFOLD UP, AND TOWARDS THE FIREWALL TO REMOVE. REMOVE THE GASKET IF IT DID NOT COME OFF WITH THE MANIFOLD, AS YOU CAN RE-USE IT IN MOST CASES UNLESS DAMAGED.

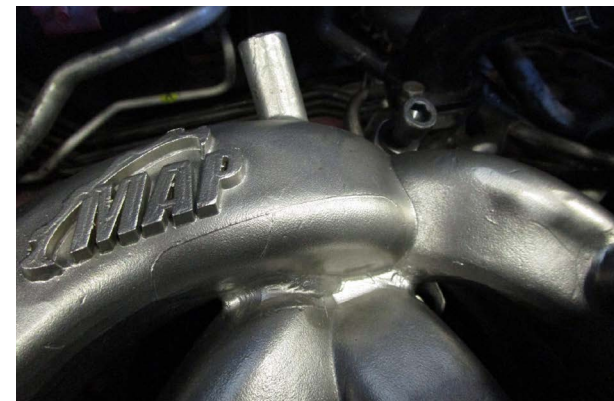
4. REMOVE BOTH THE UPPER RIGHT AND LEFT SIDE CORNER STUDS AS PICTURED AS THESE WILL BE REPLACED BY THE INCLUDED BOLTS



5. REINSTALL THE GASKET, AND SLIDE THE NEW MANIFOLD BACK IN THE SAME WAY THE STOCK ONE WAS REMOVED, BY TILTING AND SLIDING FROM THE REAR OF THE ENGINE BAY. MAKE SURE TURBO GASKET IS ON THE HOUSING AND INSTALL THE LOWER/INNER DRIVERS SIDE BOLT FROM THE MANIFOLD TO THE TURBO FIRST, AND SNUG THE BOLT DOWN, AS OTHERWISE YOU WILL NOT BE ABLE TO GET TO IT IN THE CAR EASILY WITH ALL OTHER BOLTS IN, ONCE THREADED IN,



6. INSTALL THE OTHER THREE BOLTS - ONE STOCK, 2 INCLUDED - INTO THE MANIFOLD. THE LONGER OF THE TWO INCLUDED ONES GOES INTO THE DRIVERS UPPER BOLT HOLE.



7. UTILIZING THE INCLUDED BOLTS, THREAD THEM INTO THE UPPER RIGHT, AND UPPER LEFT CORNERS OF THE MANIFOLD AND BEGIN TO SNUG THEM UP. REINSTALL THE OTHER EIGHT MANIFOLD TO HEAD NUTS AND TIGHTEN THEM ALL



8. START THE CAR AND CHECK FOR LEAKS, IF LEAK FREE REINSTALL THE ENGINE COVER, HEAT SHIELD, AND STRUT TOWER BAR AND YOU ARE READY TO DRIVE!

THANK YOU FOR CHOOSING MAPERFORMANCE!

If you have any problems or concerns during installation of this product, feel free to call or email us:

1-888-MAPERFORMANCE

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