

INSTALLATION GUIDE

ECOBOOST MUSTANG INTERCOOLER

MAPPerformance.com

TOOLS REQUIRED:

3/8s ratchet
10mm Socket
11mm Socket
13mm Socket
T25 Torx bit

WHAT'S IN THE BOX:

1x MAP Direct fit Ecoboost Intercooler
1x Fastener block and M6 Screw
1x M6 Socket head screw

PLEASE NOTE: CAN BE DONE FROM BELOW OR BY REMOVING THE FRONT BUMPER, IN THESE INSTRUCTIONS WE WILL GO OVER HOW TO DO IT FROM BELOW

1. JACK CAR UP AND PLACE ON JACKSTANDS, OR ON A LIFT



2. REMOVE SPLASH GUARD



3. REMOVE COOLING PANEL ABOVE RADIATOR



4. REMOVE INTAKE - MAY VARY DEPENDING ON WHAT IS ON THE CAR, BUT NO MATTER WHAT REMEMBER TO REMOVE THE BLOW OFF VALVE, AIT SENSOR, AND AIR FILTER



5. DETACH COOLANT RESERVOIR AND SECURE OUT OF THE WAY



6. REMOVE THE TWO TOP MOUNTS SECURING THE RADIATOR TO THE CORE SUPPORT



7. REMOVE OLD CHARGE PIPING FROM THE BAY



8. REMOVE THE INTERCOOLER TO THROTTLE BODY PIPE



9. SEPARATE THE AC CONDENSER AND RADIATOR BY PUSHING BACK ON THE RAD, PUSH THE AC CONDENSER UNDER THE RAD SUPPORT



10. DISCONNECT MAP SENSOR FROM INTERCOOLER



11. PUSH THE RADIATOR AND INTERCOOLER UP AND OUT OF THE LOWER BUSHING, RAISE THE RADIATOR UNTIL IT IS SITTING ON THE SUBFRAME



12. UNCLIP THE INTERCOOLER FROM THE RADIATOR ON THE DRIVER SIDE AND REMOVE THE INTERCOOLER - THIS CAN BE TRICKY, AND WILL TAKE SOME FINESSING



13. ONCE OUT, REMOVE THE MAP SENSOR WITH A T25 TORX BIT.



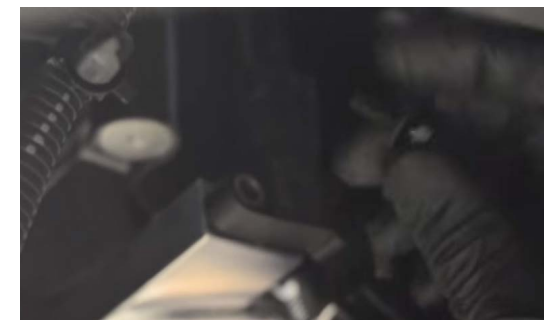
14. SLIDE THE MAP INTERCOOLER UP AND INTO THE BAY FROM BELOW, TAKING THE SAME CARE AS YOU DID REMOVING THE STOCK ONE. SHOULD BE MUCH EASIER GET IN THOUGH.



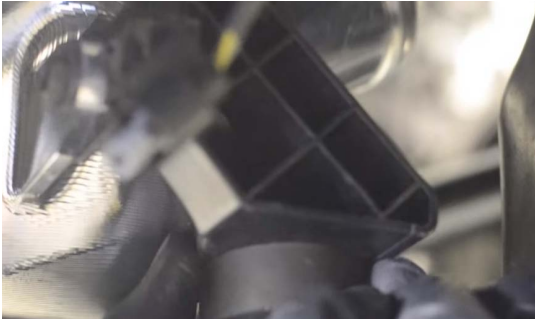
15. TAKE THE INCLUDED SPACER AND SLIDE IN INTO THE BRACKET ON THE DRIVERS SIDE OF THE RADIATOR WHERE THE FACTORY CLIP WAS, AND INSTALL THE FACTORY BOLT ON THE OTHER SIDE.



16. INSTALL THE MAP SENSOR AND PLUG IN



17. SLIDE THE RUBBER BUSHINGS BACK INTO PLACE



18. SLIDE THE AC CONDENSER BACK INTO PLACE INTO THE UPPER AND LOWER SLOTS



19. REPLACE THE TOP 2 RADIATOR MOUNTS



20. REINSTALL COOLANT CATCH CAN



21. INSTALL THE LOWER COUPLER TO INTER-COOLER WITH CLAMP, AND THE THROTTLE BODY



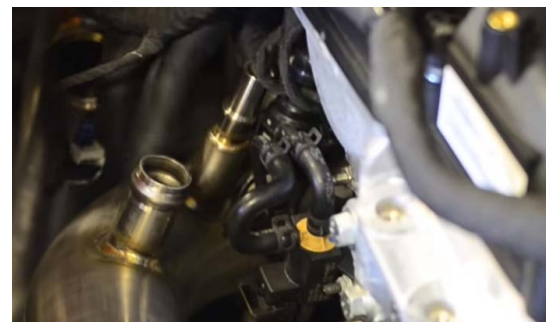
22. SLIDE THE DRIVER SIDE PIPE INTO PLACE AND TIGHTEN CLAMPS



23. PLACE THE LOWER COUPLER ON THE DRIVERS SIDE, AND SLIDE IN THE INTERCOOLER PIPE. THEN PLACE THE UPPER COUPLER ON THE PIPE AND ATTACH TO TURBO, TIGHTEN ALL CLAMPS.



24. REINSTALL INTAKE - REMEMBER TO INSTALL THE BLOW OFF VALVE, AIT SENSOR, AND AIR FILTER



25. ROUTE THE INCLUDED VACUUM LINE FROM THE BOV ACROSS THE FRONT OF THE ENGINE AND DOWN UNDER YOUR INTAKE MANIFOLD



26. ON THE BACK OF THE INTAKE MANIFOLD WILL BE A WHITE CLIP WITH A VACUUM LINE COMING OUT OF IT, CUT THE LINE ~ 3-4" AWAY FROM THE CLIP AND INSTALL THE INCLUDED T FITTING TO CONNECT BOV LINE.



27. REPLACE THE TOP PANEL



28. REPLACE THE UNDER SIDE SPLASH SHIELD AND YOU ARE READY TO GO!



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

sales@maperformance.com

Show us some photos! @maperformance / #maperformance