

INSTALLATION GUIDE

HONDA CIVIC X CHARGE PIPE KIT



TOOLS REQUIRED:

Trim removal tool
3/8ths socket
8mm socket
10mm socket
Phillips and flat head screw driver
3/8ths ratchet

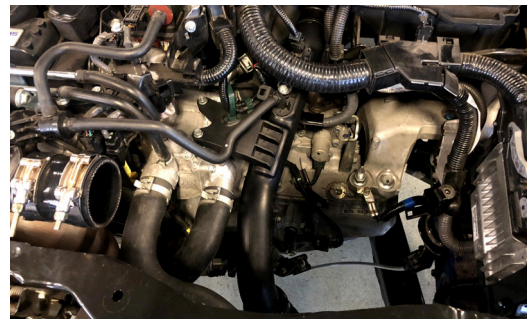
WHAT'S IN THE BOX:

1x MAP Charge Pipe Hot Side - Upper
1x MAP Charge Pipe Hot Side - Lower
1x MAP Charge Pipe Cold Side - Upper
1x MAP Charge Pipe Cold Side - Lower
3x 2.5" T-bolt Clamps (OEM, 5X MAP)
1x 2.25" T-bolt Clamp (MAP)
5x 2" T-bolt Clamps (OEM, 4x MAP)
1x 2" - 2.5" Reducer Coupler (OEM)
1x 2.5" Straight Coupler
1x 2.5" Bubble Straight Coupler
1x 2.25"-2.5" 45* Coupler (MAP)
1x 2" 45* Coupler
1x 2" Straight Coupler
4x M6x1.0 Flange Bolts (OEM, MAP HAS 2x)
1x 1/8 NPT Plug
1x Barb Fitting

1. REMOVE FRONT BUMPER



2. REMOVE INTAKE, THIS MAY VARY DEPENDING ON WHICH INTAKE YOU ARE CURRENTLY USING



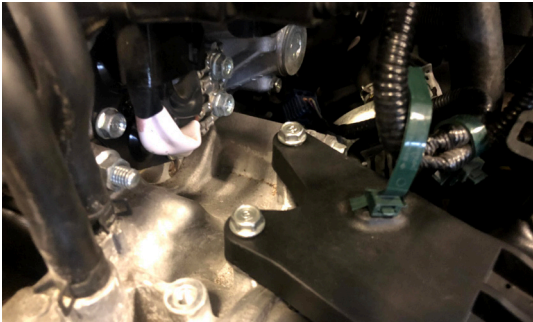
3. REMOVE 2 10MM BOLTS SECURING LOWER CHARGE PIPE ONTO INTERCOOLER - THIS STEP MAY VARY IF USING MAP INTERCOOLER, YOU WILL REMOVE THE CLAMP, COUPLER AND PIPE INSTEAD



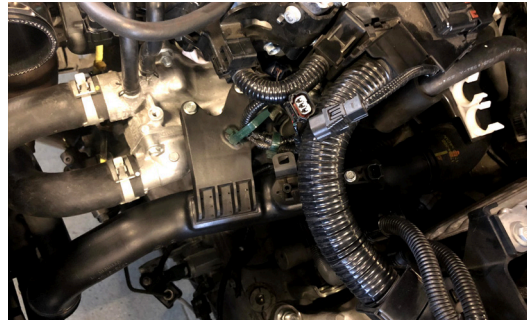
4. REMOVE CLAMPS SECURING LOWER CHARGE PIPE TO THE COUPLER AND REMOVE THE LOWER CHARGE PIPE



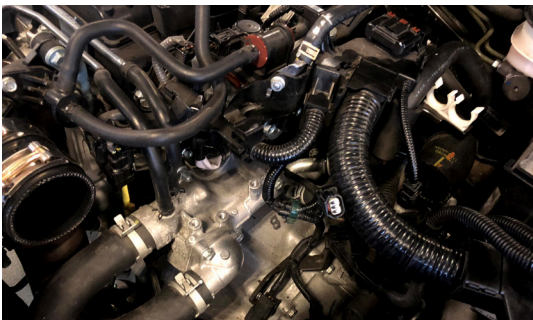
5. REMOVE 2 BOLTS SECURING THE UPPER HALF OF CHARGE BOLTS TO THE ENGINE



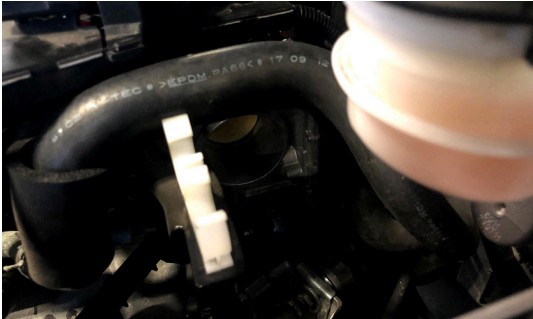
6. REMOVE THE VACUUM LINE AND THE 2 SENSOR CONNECTORS ON THE UPPER CHARGE PIPE



7. LOOSEN CLAMP HOLDING THE COUPLER ON THE UPPER CHARGE PIPE TO THE THROTTLE BODY. REMOVE THE ASSEMBLY FROM THE VEHICLE. ALL OEM COLDSIDE CHARGE PIPING SHOULD BE REMOVED BY THIS STEP

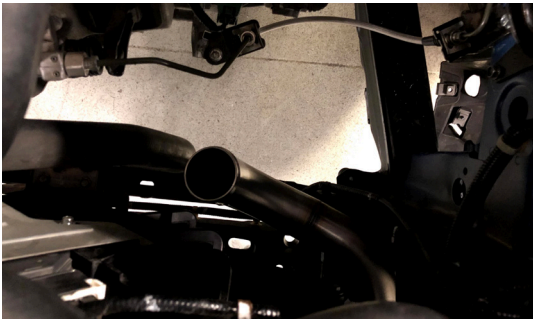


8. INSTALL INCLUDED STRAIGHT COUPLER AND CLAMPS ONTO THROTTLE BODY



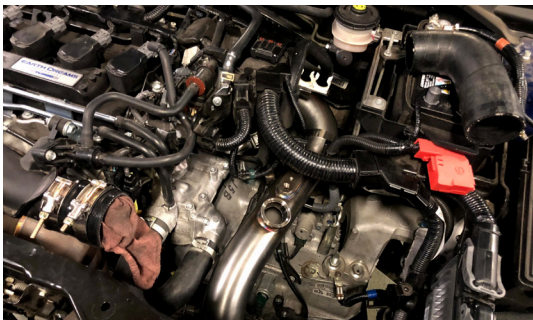
9. INSTALL LOWER CHARGE PIPE ON THE INTER-COOLER, THERE ARE 2 CONFIGURATION WE OFFER

9A. USING THE STOCK INTERCOOLER, INSTALL THE OPTIONAL STOCK INTERCOOLER LOWER CHARGE PIPE WITH REDUCER COUPLER TO ADAPT TO YOUR NEW UPPER CHARGE PIPE



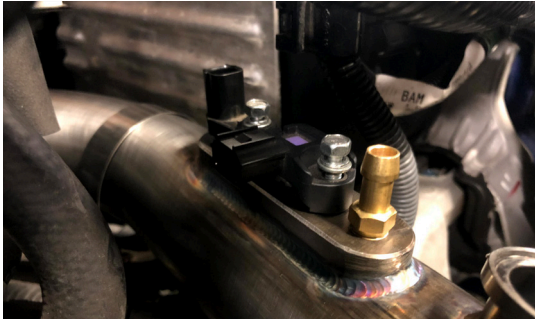
9B. USING THE MAP INTERCOOLER, INSTALL ELBOW COUPLER ONTO THE INTERCOOLER, THEN INSTALL THE LOWER CHARGE PIPE INTO THE ELBOW COUPLER, LASTLY INSTALLING THE STRAIGHT COUPLER ONTO THE END OF THE LOWER PIPE. SECURE WITH INCLUDED CLAMPS. THERE IS A SPECIFIC ORIENTATION THE LOWER CHARGE PIPE MUST BE IN, USE THE PICTURES AS A REFERENCE TO HOW IT SHOULD BE POSITIONED

10. INSTALL YOUR UPPER COLD SIDE CHARGE PIPE, SLIPPING INTO THE COUPLERS ON THE THROTTLE BODY AND THE LOWER CHARGE PIPE, SECURE WITH INCLUDED CLAMPS



11. GO BACK TO YOUR OEM CHARGE PIPES AND REMOVE THE IAT SENSOR AND PRESSURE SENSOR FROM THE CHARGE PIPE.

12. REINSTALL THESE SENSORS INTO THE UPPER CHARGE PIPE ALONG WITH THE BARB FITTING FOR THE VACUUM LINE. REINSTALL THE VACUUM LINE ONTO BARB FITTING (AS PICTURED)



***IF YOU ARE NOT USING AN AFTERMARKET DIVERTER VALVE OR RECIRCULATING BLOW OFF VALVE YOU CAN REINSTALL YOUR INTAKE AND JUMP TO STEP 17**

13. INSTALL DIVERTER VALVE ONTO UPPER CHARGE PIPE SECURING IT TO THE FLANGE WITH THE INCLUDED CLAMP



14. INSTALL MAP OPTIONAL RECIRCULATING INTAKE KIT.

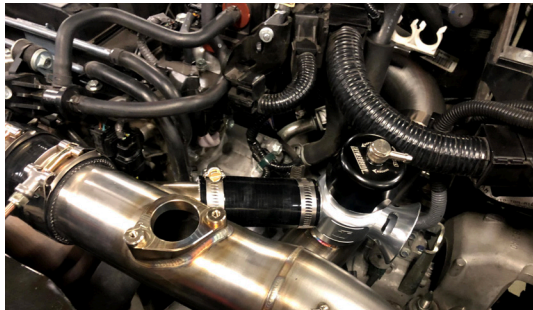


14A. INSTALL INTAKE COUPLER AND PIPE WITH AIR FILTER ONTO TURBO INLET, SECURE WITH INCLUDED CLAMPS

14B. SECURE MOUNTING TAB ON THE INTAKE TO THE MOUNT ON THE CHASSIS WITH THE BOLT YOU REMOVED EARLIER

14C. TRANSFER YOUR MAF SENSOR FROM YOUR OLD INTAKE KIT TO THE NEW MAP RECIRCULATION INTAKE

15. CLOCK YOUR BOV SO THE RECIRCULATION EXIT IS POINTING TO THE INLET ON THE INTAKE, MEASURE AND CUT THE SUPPLIED 1.5" COUPLER TO SECURE THE OUTLET AND INLET TOGETHER, ATTACH WITH INCLUDED CLAMPS

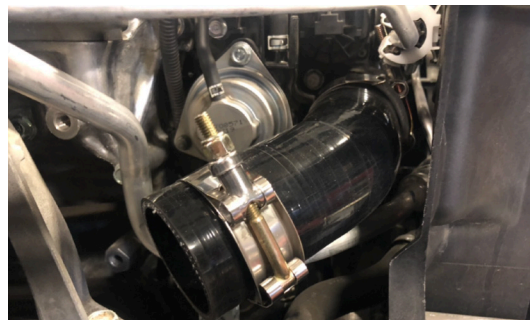


16. CUT THE VACUUM LINE PICTURED AND INSTALL THE INCLUDED VACUUM T. THIS LINE WILL BE RUNNING FROM THE INTAKE MANIFOLD TO THE RED AND BLACK CYLINDER ON THE CYLINDER HEAD. THIS WILL ALLOW YOU TO RUN A VACUUM LINE FROM THE T ONTO YOUR BOV.



17. REMOVE HOTSIDE CHARGE PIPES BY REMOVING CLAMP SECURING TO TURBO OUTLET AND 2 BOLTS FROM INTERCOOLER INLET, THEN ROTATE CHARGE PIPE OUT THE BOTTOM OF THE BUMPER

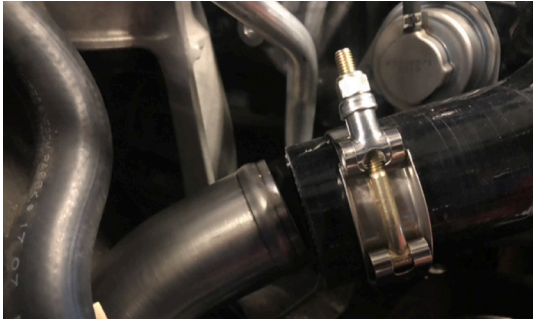
18. INSTALL INC. ELBOW COUPLER TO TURBO OUTLET. SECURE WITH INC. T BOLT CLAMP



19. INSTALL PICTURED HOT SIDE CHARGE PIPE INTO THE ELBOW COUPLER, SECURE WITH CLAMPS LOOSELY



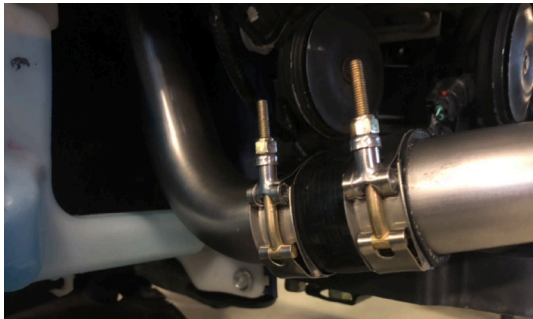
19. CONTINUED



20. INSTALL 90 HOT SIDE CHARGE PIPE INTO INTERCOOLER (THIS IS THE SAME WITH THE MAP INTERCOOLER AND OEM) SECURE WITH 2 BOLTS REMOVED EARLIER. INSTALL INC. COUPLER AND PLACE CLAMPS ON IT



21. SLIDE THE UPPER AND LOWER PIPES TOGETHER AND SECURE WITH THE COUPLER AND CLAMPS.



22. REINSTALL YOUR BUMPER, FOLLOWING THE STEPS YOU FOLLOWED IN STEP #1 IN REVERSE ORDER



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

support@maperformance.com

Show us some photos! @maperformance / #maperformance