

HS-MOTORSPORTS.COM



**INTERCOOLER PIPE
UPGRADE KIT**
6.7L FORD POWER STROKE

INSTALLATION INSTRUCTIONS

TROUBLESHOOTING:

Please read and understand all installation instructions before proceeding with the installation. If you have questions during the installation of this product, please email H&S Motorsports support at tech@hs-motorsports.com

Included parts:

- 1 - HSM Throttle Body Assembly
- 1 - Stainless Steel Tubing
- 1 - 90 Deg. Silicone Boot
- 1 - Pack of Installation Hardware

Note: Custom tuning must be used with this product. More information can be found at www.hs-motorsports.com/calibrations. This kit may not work with some factory parts installed.

STEP 1



Remove intake air temperature sensor connector from back side of factory intercooler pipe. Remove clips holding intake air temperature sensor wiring harness to fan shroud.



STEP 2



Remove t-bolt clamp at factory intercooler connection. Remove factory power steering reservoir bolt at fan shroud and set aside.



STEP 3



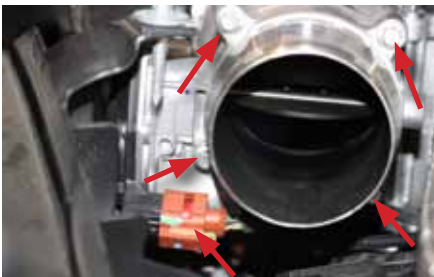
Remove big locking "c" clip at factory throttle body connection. Remove factory intercooler pipe.



STEP 4



Remove throttle actuator connector (moving connector to a safe location from the fan belt or other moving parts). Remove four bolts holding factory throttle body to intake manifold. Remove factory throttle body assembly.



STEP 5



Release locking tab of factory intake air temperature sensor, and twist out of factory intercooler pipe. Then re-install sensor into HSM throttle body assembly provided.



STEP 6



Using factory throttle body gasket and four 6x1.0x20mm allen bolts provided, install HSM throttle body assembly onto factory intake manifold. Torque bolts to 12 ft lbs.

Note: *bolt pattern on throttle body is specific and gasket can only be installed one way.*



STEP 7



Use a die grinder or similar cut off tool to remove factory flex boot from factory intercooler pipe as shown. Be careful not to damage factory boot.



STEP 8



Install provided 90 degree boot onto factory intercooler. Use both factory constant load (spring) clamps on 90 degree boot as shown.

Note: *Make sure pipe is clear of all debris before installation.*



STEP 9



Using glass cleaner or some other water based liquid slide HSM intercooler pipe into 90 degree boot as shown leaving clamps loose so pipe may be adjusted. Then slide factory boot onto throttle body and maneuver HSM pipe into place as shown. Once pipe is into position and clearing all items around it, tighten all t-bolt clamps.



STEP 10



Plug harness into factory intake air temperature sensor. Drill hole in top of fan shroud and zip tie wiring harness to secure. OEM clip on harness may clip back into hole in lower fan shroud.



STEP 11



Install HSM power steering relocation bracket as shown with factory bolt and 1/4" hardware provided. Adjust reservoir so it is not rubbing on anything and tighten bolts.



KIT INSTALLED





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