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INSTALLATION INSTRUCTIONS - INS287

SHORTY TUNED LENGTH EXHAUST HEADERS

Part # 1943 Chrome / Part # 19430 Ceramic / Part# 19435 Stainless Steel
2011-2014 Ford F150 5.0 Coyote Truck



No special Tools required: No special tools required.



Install Time: Approximately 6 hours.



Difficulty: Average.



MADE IN U.S.A.

IMPORTANT: All appropriate safety equipment and gear must be used during the installation of this or any BBK Performance products or any time you work on a vehicle. BBK Performance accepts no responsibility for injuries or damage caused by or during the installation of this product.

UPDATED LAST: November 2019



FOLLOW THESE INSTRUCTIONS CAREFULLY TO ENSURE CORRECT FITMENT AND OPERATION

STEP 1

Place vehicle on Jack Stands and make sure the wheels are chocked. Make sure that the engine also has plenty of time to cool off before starting to remove parts. Disconnect the negative battery terminal.

STEP 2

Apply penetrating oil on all accessible fasteners and fittings before attempting to remove them.

STEP 3

Remove the front drivers and passenger side wheels and remove the inner fender liners – this will make this job a lot easier now as it allows access to the headers on both sides.

STEP 4

From underneath the vehicle, unbolt factory the exhaust system from the exhaust manifold collectors. Pry the exhaust system back about 1/2" to gain workspace. Spraying the rubber exhaust hangers with WD-40 may help.



PASSENGER SIDE HEADER REMOVAL.

STEP 5

Remove the starter motor.

STEP 6

Place a jack, with a wooden board between the jack and the oil pan, underneath the motor. Remove the motor mount nut (under the frame) and raise the engine approx.1". Remove the bolts holding the motor mount plate to the engine.

STEP 7

Remove the nuts and studs attaching the factory manifold to the head. Remove the factory manifold.

STEP 8

Remove the gasket and any gasket material or any carbon deposits that remain on the head surface. The use of a gasket removal agent, scraper or scotch brite material will ease the removal of any gasket material. Use care not to get debris into ports.

STEP 9

Remove all the factory exhaust studs.

STEP 10

Slip the header over the frame from the top. It is a tight fit but will slip in.

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STEP 11

Apply anti seize to the header bolts. Slip the gasket in place. Install the supplied Header bolts and hardware. Tighten fasteners in an alternating sequence to factory specs

STEP 12

Re-install the starter. Bolt the motor mount plate to the motor. Lower the motor and tighten lower mount bolts.

DRIVER'S SIDE HEADER REMOVAL

STEP 1

From underneath the truck, remove the nuts attaching the manifold to the head. Remove the engine oil dipstick, noting where it inserts into block. Remove the factory manifold.

STEP 2

Remove the rear top manifold stud from the head.

STEP 3

Remove the gasket and any gasket material or any carbon deposits that remain on the head surface. The use of a gasket removal agent, scraper or scotch brite material will ease the removal of any gasket material. Use care not to get debris into ports.

STEP 4

Apply anti seize to the header bolts. Slip the gasket in place. Install the supplied Header bolts and star washers. Tighten fasteners in an alternating

STEP 4

(CONT.)

sequence. Reinstall the dipstick tube and dipstick.

STEP 5

Apply a small amount of O2 sensor safe RTV silicone around the flares on the factory exhaust system then reconnect the factory exhaust system to the new headers using the supplied collector bolts.

STEP 6

Check to make sure that all the wiring, fuel lines, transmission cooler lines, brake lines, hoses, etc. are clear of the headers or any exhaust components and reroute or relocate those components as necessary.

STEP 7

Install both of the inner fender panels and both front wheels.

STEP 8

Reconnect the battery.

STEP 9

Start the engine, check for leaks and test drive. Let the engine cool and then re-torque the header bolts.

STEP 10

Periodically check and re-tighten the header bolts.

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