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INSTALLATION INSTRUCTIONS - INS275

SHORTY TUNED LENGTH HEADERS

Part # 4043/40430 // 2016-Up Camaro 6.2L LT1 V8



Special Tools required: No special tools.



Install Time: 5-6 hours.



Difficulty: Average.



Part # 4043 - Chrome
Part # 40430 - Polished Silver Ceramic

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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: July 2019

FOLLOW THESE INSTRUCTIONS CAREFULLY TO ENSURE CORRECT FITMENT AND OPERATION

STEP 1



Disconnect the negative battery terminal located in the trunk of the vehicle.

NOTE be sure to cover latch so that the trunk lid cannot close completely.

STEP 2



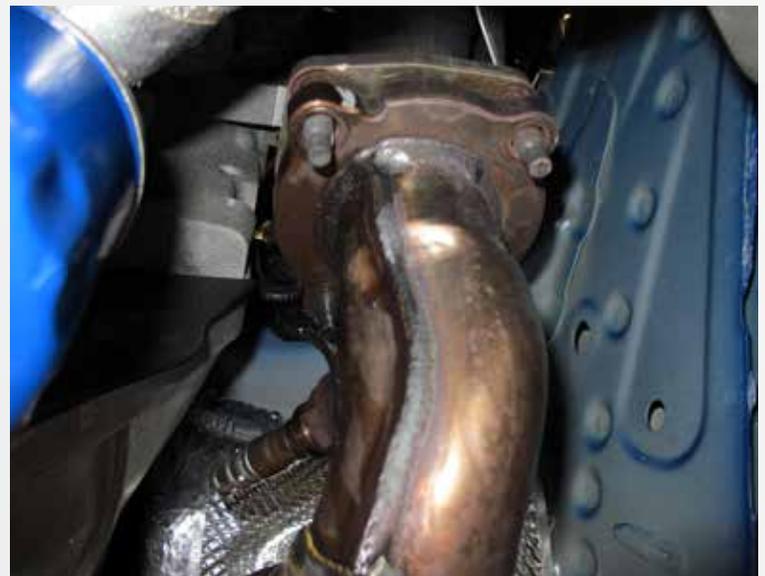
Lift the vehicle as high as possible using approved jack and jack stands or perversely a vehicle hoist.

STEP 3



Loosen the (2) 13mm bolts and the (2) 13mm nuts on the cross brace. NOTE you do not need to remove it completely.

STEP 4



Remove the (4) 15mm nuts on the passenger side and driver side that secure the catted down pipe to the exhaust manifold.

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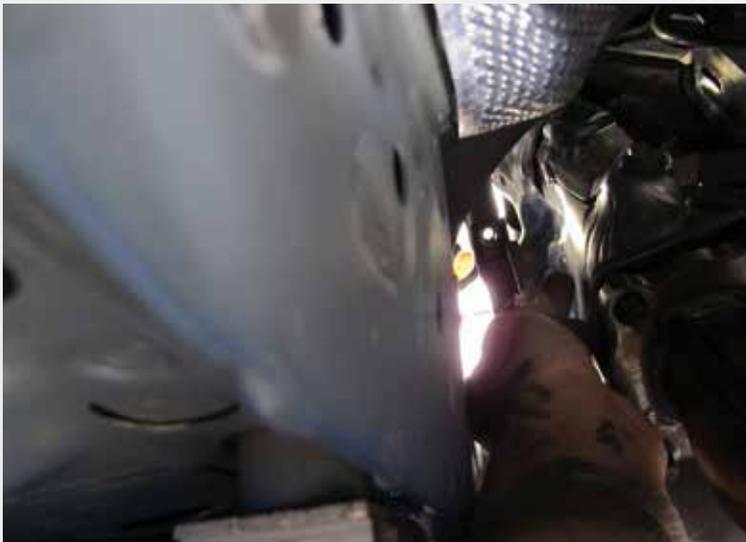
STEP 4 (CONT.)



STEP 5 (CONT.)



STEP 5



Remove the (2) bolts from the steering shaft connecting rod, push up on it towards the firewall to release it from the bottom section then pull down to release it from the upper section.

STEP 6



Unplug the wiring harness from the mass air sensor.

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STEP 7



Disconnect the sound tube from the air box mounting point

STEP 8 (CONT.)



STEP 8



Loosen the clamp that secures the inlet tube to the factory air box, remove the air box by pulling it upwards releasing it from the rubber grommets and remove it from the vehicle.

STEP 9



Passenger side remove the (3) bolts that hold the upper portion of the heat shield to the stock exhaust manifold and remove it from the vehicle.

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STEP 10



Remove the (4) spark plug wires from the coil packs and spark plugs.

STEP 11



Remove the (5) bolts that secure the stock manifold to the cylinder head and remove the exhaust manifold and gasket from the vehicle.

STEP 12



Install the BBK tune length header using the supplied gasket and hardware, tighten down the BBK tune length header bolts to the cylinder head first.

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STEP 13



Install the supplied hardware to connect the catted mid pipe to the BBK tune length header and tighten it down, reinstall the steering shaft and tighten down its hardware.

STEP 15



Driver side disconnect the upper radiator reservoir line from the reservoir using a bolt plug the end of the hose, using a rubber cap plug the reservoir bung.

STEP 14



Reinstall the spark plug wires and the air box reconnect the mass air wiring harness and tighten down the clamp that connects the inlet tube to the air box.

STEP 16



Disconnect the wiring harness from the reservoir bottle, remove the nut that secures the reservoir bottle to the chassis. Lift it up and it will lay up by the firewall.

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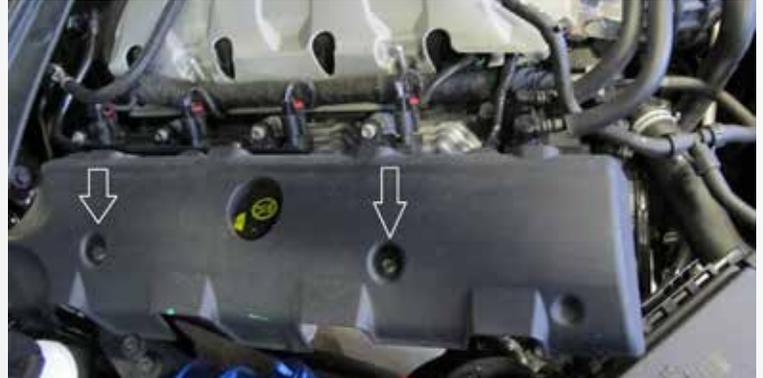
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STEP 16 (CONT.)

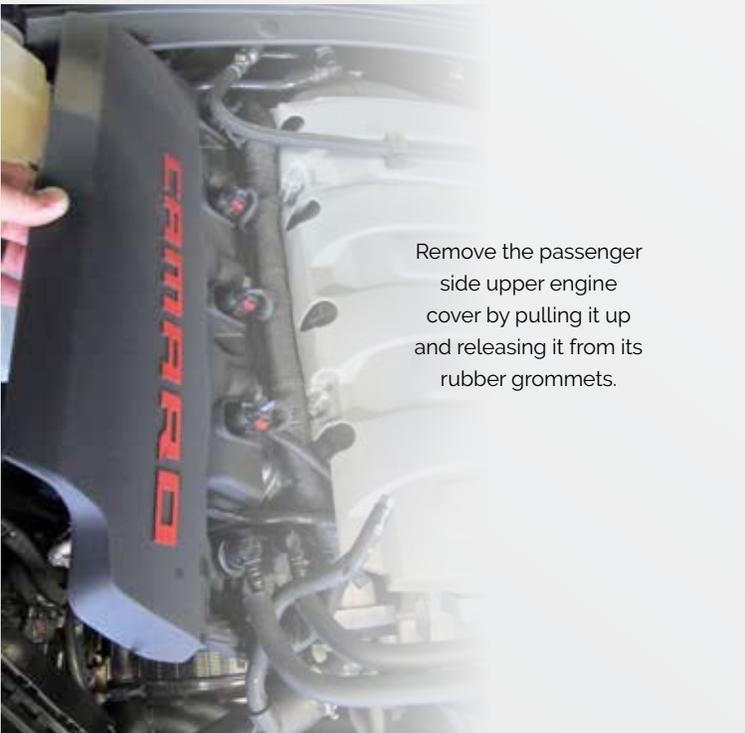


STEP 18



Remove the (2) torx bit bolts from the valve cover, disconnect the vent tube from the valve cover and the vacuum canister and remove the vacuum line and cover from the vehicle.

STEP 17



Remove the passenger side upper engine cover by pulling it up and releasing it from its rubber grommets.



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STEP 19



Remove the bolt that hold the oil dipstick in place.

STEP 20 (CONT.)



STEP 20



Disconnect the wiring harness from the engine bracket, remove the bolt that holds the wiring harness bracket in place and remove it from the vehicle.

STEP 21



Remove the spark plug wires from the coil packs and the spark plugs.

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STEP 22



Remove the bolts that hold the upper portion of the heat shield to the stock exhaust manifold and remove it from the vehicle

STEP 24



Install the BBK tune length header using the supplied gasket and hardware. **NOTE** the dipstick needs to be install at the same time by placing it through the header before putting it in.

STEP 23



Remove the (5) bolts that secure the exhaust manifold to the cylinder head and remove it from the vehicle. **NOTE** the dip stick will come out with the exhaust manifold.

STEP 25



Tighten down all hardware on the header. Using the heat wrap supplied in the kit cover the lower wiring harness that runs along the body to protect it from any heat from the engine.

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STEP 26



Reinstall the spark plug wires, dip stick hold down bolt, wiring harness bracket, reservoir bottle.

STEP 28



Install the (4) bolts supplied in the kit that connect the catted down pipe to the BBK tune length header and tighten them down.

STEP 27



Connect the radiator hose to the reservoir, reinstall the wiring clip to the reservoir, install the valve cover, vacuum hose and engine cover.

STEP 29



Tighten down the bolts on the cross brace. Reconnect the negative battery terminal after 500 miles of driving recheck and torque all hardware.

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