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INSTALLATION INSTRUCTIONS - INS077

SHORTY HEADERS

Part # 40000 // 1997 - 2004 Corvette LS1 5.7L

Part # 4003, 40030 // 1998 - 2002 Corvette LS1 5.7L



SPECIAL TOOLS REQUIRED: No special tools required.



INSTALL TIME: Approximately 4-5 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: March 2019

FOLLOW THESE INSTRUCTIONS CAREFULLY TO ENSURE CORRECT FITMENT AND OPERATION

STEP 1

Lift vehicle as high as possible and disconnect the negative battery terminal.

STEP 2

Unbolt the factory mid-pipe from both the driver side and passenger side exhaust manifolds. Loosen all the mid-pipe mounting bolts to allow for more room to work. Disconnect and remove all the oxygen sensors.

PASSENGER SIDE

STEP 3

CORVETTE

Remove plastic cover from top of the intake manifold.

STEP 4

Unplug all the spark plug wires and unbolt the coil pack from the top of the valve cover and move out of the way.

STEP 5

Unbolt the air injector tube from the stock exhaust manifold and remove the oil dipstick tube. Unbolt the stock exhaust manifold from the head and remove from the vehicle.

STEP 6

Remove the dough-nut gasket from the stock exhaust manifold and install onto the BBK Header.



STEP 7

Install the supplied gasket against the cylinder head. Put the passenger side BBK Header into the engine compartment.

STEP 8

Going between header tubes #3 and #4, replace the oil dipstick tube.

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STEP 9

Bolt up the header and tighten down to factory specs.

STEP 10

CORVETTE

Bolt the dipstick to the dipstick-bracket welded to header using the supplied hardware.



STEP 11

Reconnect the spark plug wires to the spark plugs, replace the coil pack and tighten down, and reconnect the spark plug wires to the coil pack.

STEP 12

Re-install the air injector to the header using the new supplied gasket.

STEP 13

CORVETTE

Replace the plastic cover over the intake manifold.

DRIVER SIDE

STEP 14

CORVETTE

Remove plastic cover from top of the intake manifold.

STEP 15

Unplug all the spark plug wires and unbolt the coil pack from the top of the valve cover and move out of the way.

STEP 16

Unbolt the air injector tube from the stock exhaust manifold. Unbolt the stock exhaust manifold from the head and remove from the vehicle.

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STEP 17

Remove the dough-nut gasket from the stock exhaust manifold and install onto the BBK Header.

STEP 18

CORVETTE

Remove the serpentine belt from the alternator. Unbolt and move the alternator out of the way. (To allow room for the header to fit)

STEP 19

Install the supplied gasket and BBK Header and tighten to factory torque Specs.

STEP 20

CORVETTE

Replace the alternator and serpentine belt.

STEP 21

Reconnect the spark-plug wires to the spark-plugs, replace the coil pack and tighten down, and reconnect the spark-plug wires to the coil pack.

STEP 22

Re-install air injector to the header using the new supplied gasket.

STEP 23

CORVETTE

Replace the plastic cover over the intake manifold.

FINISHING STEPS

STEP 24

Re-install all of the oxygen sensors.

NOTE! Be sure to add a small amount of anti-seize to the top thread of each oxygen sensor using the supplied anti-seize packet. As you thread the oxygen sensor back into the part the anti-seize will spread evenly throughout the threads.

STEP 25

Bolt the H-Pipe to the BBK Headers using supplied hardware.

STEP 26

Tighten all the mounting bolts on the mid-pipe.

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