

BBK PERFORMANCE LLC  
3060 Performance Circle  
Deland, FL 32724

For any questions, email us:  
TECH@BBKPERFORMANCE.COM



## INSTALLATION INSTRUCTIONS - INS117

# SHORTY HEADERS

Part # 4012 and 40120

2005-2008 Dodge 5.7L Hemi Charger/Challenger/ Magnum/300C



**SPECIAL TOOLS REQUIRED:** No special tools required.



**INSTALL TIME:** Approximately 3 hours.



**DIFFICULTY:** Average.



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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: March 2019



FOLLOW THESE INSTRUCTIONS CAREFULLY TO ENSURE CORRECT FITMENT AND OPERATION

#### STEP 1

Disconnect the negative battery terminal.

#### STEP 2

Lift the vehicle as high as possible.

**NOTE!!!** Be sure to use heavy duty jack stands on a firm level surface.

#### STEP 3



Unplug all of the oxygen sensors.

#### STEP 4



Remove the nuts that attach the H-Pipe to the factory manifolds.

#### STEP 5

Remove the H-Pipe from the vehicle.

**NOTE!!!** The use of WD-40 and a rubber mallet will help with the H-Pipe removal.

#### STEP 6



Remove the heat shields from the motor mounts and the factory exhaust manifolds.

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## STEP 7

Unbolt and remove the factory exhaust manifolds.

## STEP 8



Transfer the oxygen sensors from the factory exhaust manifolds to the BBK Parts.

**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 9

Install the supplied collector studs onto the BBK Headers.

## STEP 10

Determine which mounting holes on the headers are slotted and hold one of the gaskets up to the cylinder heads. You only need to get the bolts started. 3-4 turns will be plenty (this will hold the gaskets and allow the headers to hang in place while you work).

## STEP 11



Install the BBK headers by sliding the slots onto the started bolts (over the gaskets) then inserting and tightening all of the supplied header bolts.

## STEP 12



Push the H-Pipe forward to meet up with the BBK Headers and tighten the collector flanges using the supplied washers and nuts. Then tighten the H-Pipe clamps.

**NOTE!!!** Lift the exhaust off the cross-member before tightening to prevent any rattling.

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#### STEP 13



Plug in all of the oxygen sensors.

#### STEP 14

Re-connect the negative battery terminal.

NOTE!!! To prevent any exhaust leaks after installation, BBK recommends that you go back and re-tighten the header bolts after about 100 miles of driving and that you add them to your regular maintenance check list.

CHROME



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