CONE PERFORMANCE EXHAUST

2006-2017 HD DYNA

Part # starting CP-375, 513, 609,610,611



BILL OF MATERIALS

1	Muffler	Varies
1	Front Header	CP-37501HF
1	Rear Header	CP-37501HR
1	Transmission Mounting Bracket	Varies
2	45mm Springs	CP-S45
2	o2 Bung Sensor Kit	CP-92-22KIT
2	HD Clip Nut	CP-516CN
2	Flange Bolt 5/16"x 3/4"	CP-FB51634
2	Flange Bolt 5/16"x 1 1/2"	CP-FB516112
1	Spring Puller	CP-SP

INSTALLATION INSTRUCTIONS

CAUTION - Take care when installing black ceramic coated exhaust system. The coating can be scratched when installing heat shields and header flanges.

Use a zip-tie around header pipe to keep flanges from sliding down and scratching the pipe. Be sure to remove them before starting bike. **(Reference images 1)**

Image 1



1. Make sure the bike is completely cool before starting the installation and secure on a service lift.
2. Unplug O2 sensor connectors from wiring harness. Note: Pay attention to wire routing for reinstallation.
3. Loosen heat shield clamps on both the front and rear head pipes. **(Reference image 3)**
4. Remove exhaust header nuts located at cylinder head. Keep these .
5. Remove front head pipe clamp bolt. Keep for installation **(Reference image 4)**

Image 3



Image 4



6. Remove bolt that attaches muffler to mounting bracket. **(Reference image 5)**
7. Remove OEM exhaust system. **(Reference image 6)**

Image 5



Image 6



8. Remove OEM muffler bracket. **(Reference image 7)**
9. Install mounting bracket using provided 5/16"x 1 1/2" flange bolts **(Reference image 8)**

Image 7

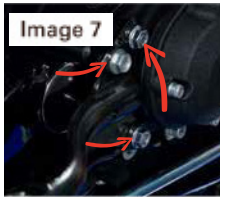


Image 8



10. Install O2 bungs onto Cone headers. Use copper washers. **(Reference image 9)**

11. Using snapring pliers, carefully remove the circlips and flanges from the stock exhaust system. Install the stock flanges to the new CP head pipes. Check the condition of the circlips, we recommend replacing them with new ones if they are bent or twisted. **(Reference image 10)**

Image 9



Image 10



12. Install head pipes into collector and attach springs using supplied spring puller tool. **(Reference image 11)**
13. Install clips onto muffler. **(Reference image 12)**

Image 11



Image 12



14. Install O2 sensors onto headers.
15. Install CP system onto motorcycle. Leave cylinder nut slightly loose .
16. Tighten cylinder/header nuts.
17. Install and tighten muffler mounting flange bolts 5/16”x 3/4”,
18. Re-route O2 sensor wires and plug into main harness.
19. Before you run the bike, clean off all fingerprints and dirt, as any oily residue will etch the metal and become somewhat permanent when the system gets hot. Run the bike and enjoy. It is normal for some white smoke to appear the first time you start the bike. This is packing/manufacturing oil from inside the pipe burning off. Check for gaps or leaks. If you find a leak, a little high temperature silicon sealant should fix it. After 50 to 100 miles, recheck all fasteners for tightness.

***INSTALL TIP* Keep the headers, transmission and muffler brackets loose enough to move but not back off. Get the system settled in, hold the muffler up for ground clearance than tighten the transmission bolts to lock the system into position. Work around snugging everything up while holding the system in the position you like.**

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