

HDEX-08C/B

INSTRUCTION PAPER

2 Into 1 Exhaust System for 1995-2016 Harley Davidson Touring Models

Hardware List

- #1, Clamps for heat shield, 8 PCS
- #2, Clamp A for Muffler and Header Pipe, 1 EA
- #3, Clamp B for Collector, 1 EA
- #4, P-Clamp + 3/8-16 Carriage Bolt + Nut + Washer, 5 PCS
- #5, Bracket A for Transmission, 1 EA
- #6, 1/2-13 bolts + Washers + Aluminum Spacers for 1995-2008 Touring floorboards, 6 PCS
- #7, 3/8-16 bolts + Aluminum Spacers + Washers for 2009-2016 Touring floorboards, 6 PCS
- #8, Flange Gasket Kit (chrome flanges + snap rings+gaskets), 6 PCS
- #9, zip tie, 1 EA
- #10, Bolt A + Washers for mufflers, 6PCS



HOW TO INSTALL THE PIPES

Note: Keep the exhausts on a protective carpet to avoid scratches after fetching out from the package.

1. This exhaust system is designed for both with Oxygen sensors and without sensors. That means if your motorcycle does not equip with Oxygen sensors. The plug must be installed and included on this system. If equipped with oxygen sensors already. Apply a small amount of anti-seize compound to the threads of the sensor and install them into the new set of pipes. Be sure not to apply anti-seize compound on the sensor tip as may affect the sensors functionality.
2. Install cir-clips and flanges. Using snap ring pliers carefully when inserting them through headers.
3. Remove stock bracket below transmission and Install mounting **Bracket A (Supplied)** on transmission, Reuse stock bolts.
4. Install collector assembly. Make sure the gasket is in good condition and don't tighten them at this time.
5. Install **Clamp A (Supplied)** over inner slip joint tube at the front of muffler with T-bolt facing downwards.
6. Slip muffler onto header collector.
7. Use two **Bolts A supplied** in hardware kits to install two bolts through saddlebag support into rear muffler bracket. Rotate T-bolt clamp to the least visible position.
8. Tighten muffler clamp and install clamp to secure the rear side of collector.

9. Align header and muffler and tighten them securely.
10. Tighten head pipe flange nuts evenly, securing front and rear head pipes to cylinder heads. Now tighten header P- clamp to transmission bracket using a 9/16" socket or wrench.
11. Align front, rear and collector heat shields till ends meet flush and Tighten heat shield clamps
12. Re-install right hand floor board using spacers, washer and bolt supplied. **NOTE:** (the spacers are used to space floor board and gain clearance to header. **NOTE:** there are two different spacers provided chose the right one according to your model. **The 1/2"-13 bolts and bigger spacers are usually for older models and the rest for models (09-up)**)
13. Check engine/transmission oil levels and refill if needed.
14. Check for adequate clearance between all exhaust system components and motorcycle accessories prone to heat damage.
15. Plug Oxygen sensors back to wire harness and tie down cable from front oxygen sensor to the frame as it was before using supplied nylon cable, cut tail for a clean look.
16. Re-install passenger floorboard back in its place.
17. Line up heat shields and tighten all worm clamps and hardware. Adjust left side heat shield as needed for sure **not** rubbing against muffler and has an even gap all around the nose of the muffler.
18. Re-install saddle bags back in place.
19. Remove oil and finger prints from chrome using a soft cotton cloth and chrome polish before starting the engine.

How to install the P-Clamp beneath the header pipe.

A, Slide P-Clamp to the header pipe bottom.



A



B

B, Locate the clamp and bracket like the picture. (Please check the picture before slide the P-clamp beneath bottom header pipe.

C, It should be fastened with 3/8-16* 1 1/8" Carriage Bolts and 3/8 Washers.