

# Covington's House of Baggers

## Destroyer Exhaust Installation

Story by **Jason Mook** – Photos by **Mela Cosme**

**P**roject 98 Bagger is rapidly approaching completion of the mock up phase of the build. As with any large makeover, we want to test fit as many parts as possible prior to sending it out to paint. The custom rear end section from Insane Asylum Motorsports requires an exhaust system that ends before the saddlebags. The performance modifications to the engine by way of R&R Cycle and S&S Cycle mean we need an exhaust system that is going to perform and compliment those upgrades as well. Covington's House of Baggers has the exhaust system to fit both of these requirements. In addition, the custom look puts the system over the top. The Destroyer Exhaust System from Covington's has an iconic hot rod style that reminds you of an exhaust found on American muscle cars. Covington's House of Baggers offers the Destroyer Exhaust in chrome or black finish, which fit 1995 to present Touring Models. To see the complete line of parts available from Covington's House of Baggers, visit [www.CovingtonsCustoms.com](http://www.CovingtonsCustoms.com)

**Difficulty Level:** 2/5

**Estimated Time to Complete:** 1.5 hours



Covington's Destroyer Exhaust in black with included hardware.



Project 98 with stock head pipes. The slip-ons were previously removed in order to fit the custom stretched saddlebags.

### Tool & Supplies Needed

- SAE Wrench Set
- SAE Socket Set
- 3/8" Ratchet With Extensions
- Retaining Ring Pliers
- Allen Wrenches
- 5/16" Nut Driver
- Small Pick
- James' Gaskets Tapered Exhaust Gaskets (2)
- Part # JGI-65324-83-A
- Removable (Blue) Thread Locker
- Anti-Seize Lubricant
- Glass Cleaner
- Clean Shop Towels



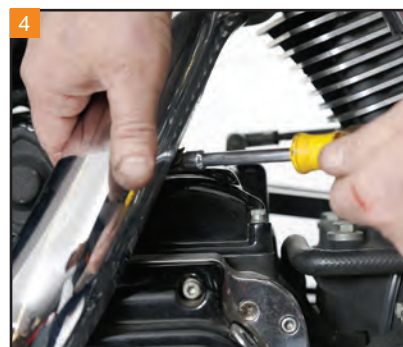
Use a 3/16" Allen and 7/16" wrench to remove the hardware holding the right side floorboard.



Remove the right side floorboard from the mounting brackets.



With a 3/8" Allen wrench, loosen the bolt holding the right rear floorboard-mounting bracket to the frame. Rotate the bracket down and out of the way.



Loosen the worm clamps holding the heat shields to the stock head pipes with a 5/16" nut driver.



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Use a 9/16" deep well socket to loosen the clamp holding the rear cross over pipe section.



Remove the cross over pipe from the left side of the motorcycle.



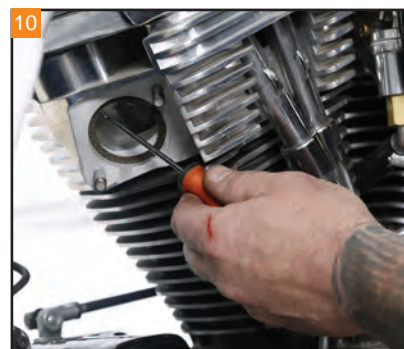
Use a 1/2" wrench and socket to remove the clamp hardware from the transmission side bracket.



Remove the exhaust flange nuts from the studs in the heads with a 1/2" socket.



The head pipes can now be removed from the motorcycle.



Use a small pick to remove the old exhaust gaskets from the heads.



Install the new James' Exhaust Gaskets in their place.



Remove the retaining ring from the stock exhaust with retaining ring pliers.



The exhaust flange can be removed next.



With a 1/4" Allen, remove the two bolts holding the starter to the transmission ear. The stock exhaust bracket can be removed, as it will not be used with the Destroyer exhaust. Reinstall the starter bolts.



Project 98 has no O2 sensors. Apply anti-seize lubricant to the threads of the included O2 sensor bung plugs.



Install the O2 sensor plugs in the Covington's Destroyer Exhaust.



Install the stock exhaust flanges and retaining rings on to the new exhaust system.



Use a 1/4" Allen to remove the stock bracket from the trap door of the transmission.



Install the new Covington's bracket using the stock hardware. Apply blue thread locker to the bolts, but leave the bracket loose for now.



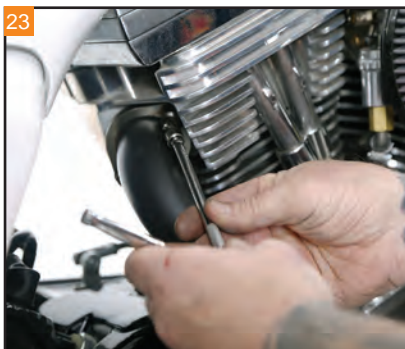
Position the Destroyer Exhaust System on the motorcycle.



Start the flange nuts on the studs of the heads by hand. Leave the nuts loose for now.



Start the included hardware that holds the exhaust to the transmission side bracket. Do not final tighten: leave the bolts loose for now.



Use a 1/2" socket to final tighten the exhaust flange nuts.



With a 1/2" wrench and 1/4" Allen, final tighten the bracket and mounting hardware.



Using the included gasket and hardware, connect the Destroyer Exhaust end piece to the head pipes.



Apply blue thread locker to the bolts. Start the three end nuts with washers.



Uniformly tighten the three bolts with a 5/16" Allen and a 9/16" wrench. The outer most bolt may have to be removed in order to install the collector heat shield.



Prior to installing the heat shields, clean the exhaust with glass cleaner and shop towels to remove all grease and fingerprints.

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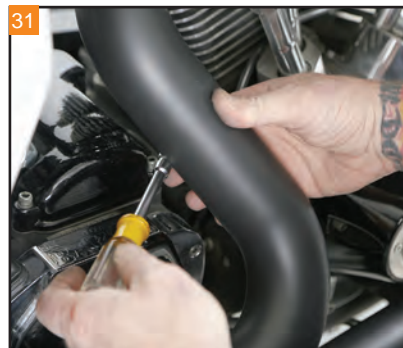
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Start the included worm clamps into the heat shields. There are two different size worm clamps included with the exhaust. Be sure to orient the clamps so they can be accessed when on the exhaust system.



Install the heat shields over the head pipes and the collector.



Use a 5/16" nut driver to tighten the worm clamps. Do not over tighten.



Remove both right side floorboard-mounting brackets from the frame.



Use the included spacers, Allen bolts, and lock washers to reinstall the right floorboard-mounting brackets. These are required to space the floorboard away from the exhaust.



Reinstall the right side floorboard with stock hardware.

**COVINGTON'S HOUSE OF BAGGERS**  
*Destroyer Exhaust,  
 Fits 1995 – present  
 touring models, Black*  
 (Part # C1600-B)  
 580.256.2939  
[www.CovingtonsCustoms.com](http://www.CovingtonsCustoms.com)

**BLACK HILLS CYCLES**  
 - Work Performed By -  
 605.717.5009  
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**AFTER**



Project 98 with Covington's Destroyer Exhaust in black.