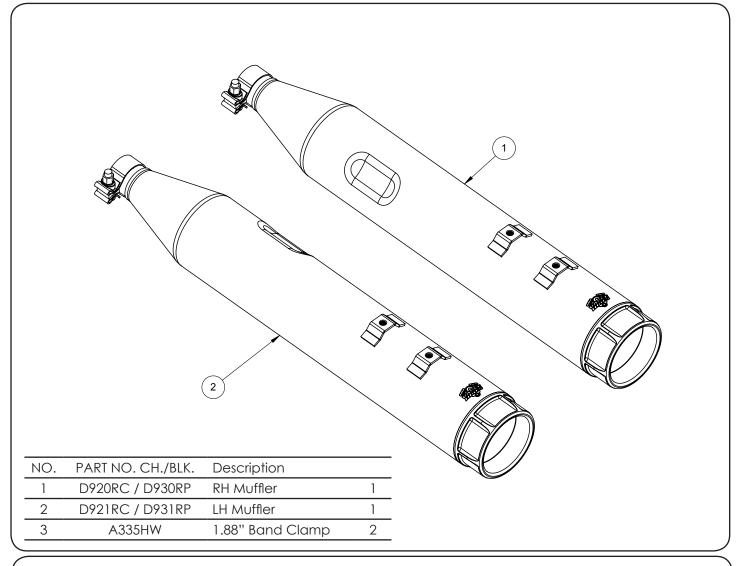


INSTALLATION INSTRUCTIONS: HARLEY-DAVIDSON TOURING 1995-2016 TORQUER 450 SLIP-ONS PART# 16673 / 46673

Congratulations, you have purchased the finest exhaust system available for your motorcycle. Your Vance & Hines exhaust is designed and crafted for performance, quality, and style.

Fits 1995-2016 Harley-Davidson Touring Models*

FOR CLOSED COURSE COMPETITION USE ONLY. NOT INTENDED FOR STREET USE. *Qualified Manufacturer Declared Replacement Part for 2009-2016 Harley Davidson Touring Models.



HARDWARE



TOOLS REQUIRED



TORQUE WRENCH 3/8" DRIVE RATCHET WITH 3" EXTENSION 1/2" & 9/16" SOCKET



1/2", 9/16" WRENCH

STOCK EXHAUST SYSTEM REMOVAL

- 1. Remove both saddlebags and set them aside.
- 2. Loosen the bolt from the pinch clamp on the front end of each muffler.
- 3. Working with one muffler at a time, support the muffler (assistance may be required) while removing the 5/16" bolts from the saddlebag support and slide muffler off of the head pipe.
- 4. Repeat the process for the opposite muffler. **NOTE**: It may be necessary to use a penetrating lubricant to loosen the muffler from the head pipe.

VANCE & HINES EXHAUST INSTALLATION

- 1. Install the Torca clamps over the front of each muffler inlet so that the bolt is to the inside and the nut is facing down.
- 2. Slide right side muffler on. Note: Dent will be on the inside.
- **3**. Install the stock bolts and washers through the mounting bracket to the muffler. Finger tighten only.
- 4. Repeat installation procedure for the opposite muffler.
- 5. Align mufflers bodies then torque the band clamps to 40-44 ft. lbs. Torque the bolts to 18 ft. lbs.
- 6. Replace the saddlebags.
- 7. After installation and before starting motorcycle, completely clean pipes and mufflers with soapy water and a clean, soft cloth that will not leave residue. **NOTE**: Any residue, oil, or fingerprints will stain the finish when the metal heats up.
- 8. Be sure to tighten all hardware before starting your motorcycle.
- 9. IMPORTANT: AFTER TEST RIDE LET PIPES COOL DOWN AND RE-TORQUE MUFFLER BAND CLAMP.

EXHAUST CARE (CHROME)

- 1. When installing a new set of chrome pipes, make sure your hands are clean and free of oil. After installation, thoroughly clean pipes with a soft cloth and soapy water that will leave no residue (chrome wax, polish, glass cleaner, alcohol, ammonia, etc.) before starting the motorcycle.
- 2. Avoid long periods of idling as this can cause discoloration.
- 3. Intake leaks can cause the engine to run lean and overheat, this could lead to discoloration.
- 4. Make sure there are no exhaust leaks at the junction of the exhaust pipes and the cylinder head. We recommend replacing gaskets if they are worn.

EXHAUST CARE (BLACK)

- 1. When installing a new set of black pipes, make sure your hands are clean and free of oil. After installation, throroughly clean pipes with warm soapy water and a soft cloth. Dry with a clean towel to remove any residue before starting the motorcycle. Do NOT use anything abrasive to clean pipes.
- 2. Avoid long periods of idling as this can cause discoloration.
- 3. Intake leaks can cause the engine to run lean and overheat, this could lead to discoloration.
- 4. Make sure there are no exhaust leaks at the junction of the exhaust pipes and cylinder head. We recommend replacing gaskets if they are worn.