



Part Number 75-107-4 Sportster Outlaw Indy Series Exhaust System (06-08)

Congratulations, you have purchased the finest exhaust system available for your motorcycle. Your Vance & Hines Motorsports exhaust is designed and crafted for maximum performance, a great sound and unbeatable style. Please follow the instructions below, check exhaust system for missing or damaged parts and if you need any assistance please contact our technical support line (317) 852-9057.

STOCK EXHAUST SYSTEM REMOVAL

Please remove the following:

1. Remove O² sensor connectors from wire harness.
Note: Pay attention to wire routing for reinstallation.
2. Loosen the heat shield clamps on both the front and rear exhaust pipes. This allows easier access to the head pipe mounting nuts.
3. Remove the two head pipe mounting nuts from each flange, located at the cylinder head.
4. Remove the clamp bolt which mounts the rear head pipe to the belt drive cover bracket.
5. Remove the two bolts from each muffler body which attach the muffler bodies to the mounting bar and carefully remove both exhaust pipes from the motorcycle.
6. Remove the drive belt cover and take the bracket off the rear cover bolt, it will not be re-used.
7. Loosen the brake rod at the rear eyelet using a T30 Torx driver.
8. Remove the exhaust mounting bar.
9. Using snapping pliers, carefully remove the flanges and circlips from the stock exhaust system. Save for re-use.

Note: If circlips look bent or twisted replace them with new circlips. Check the condition of stock exhaust gaskets, we recommend replacing them with the Screamin Eagle gasket kit, part number # 17048-98.

INDY SERIES EXHAUST SYSTEM INSTALLATION

1. Re-install brake rod eyelet using blue thread locking compound (Loctite® 243). Torque to 120-180 in/lbs.
2. Install and tighten supplied mounting bracket #7-70042 with supplied 3/8" x 3/4" bolts, torque to 30-33 ft/lbs, refer to *(Figure 1)*.
3. Reinstall the drive belt cover removed earlier.
4. Identify rear head pipe #7-80130. Install the stock flange and circlip, install head pipe leaving the flange nuts hand tight.
5. Repeat the above step for the front head pipe #7-80129.
6. Slip the megaphone assembly onto the head pipes, secure with the springs supplied using the spring puller tool.
7. Align the mounting bracket to the megaphone and secure with the two 5/16" x 5/8" bolts supplied.
8. Tighten the cylinder head flange nuts and the megaphone mounting bolts.
9. Replace the O² plugs with the O² sensors removed from the stock exhaust on the front and rear head pipes.
10. Reconnect the O² sensors to the wire harness.
11. Clean all fingerprints from the exhaust using a contact cleaner (or other non flammable cleaner). Fingerprints will leave stains on the pipe once the motorcycle is started.
12. You are now ready to start the motorcycle.

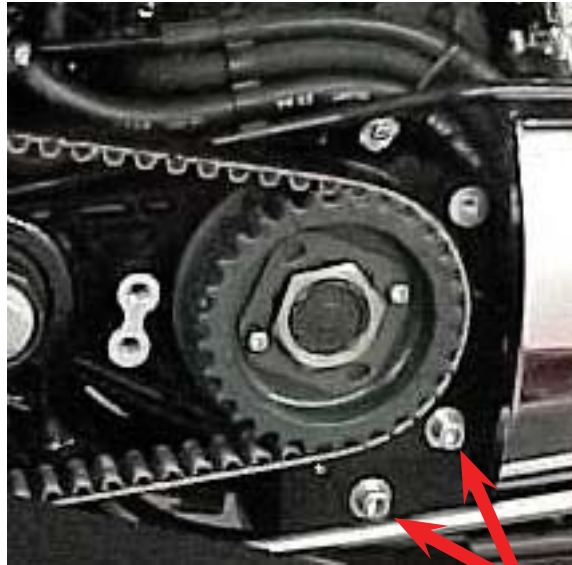


Figure 1

BOLTS

For best results, we recommend fuel injection mapping for your new combination using a Fuelpak or Power Commander. Settings for the Fuelpak and some Power Commander maps are available on our website at www.vhmotorsports.com

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75-107-4: HD SPORTSTER OUTLAW 2:1 EXHAUST SYSTEM

DRAG SPECIALTIES PART#: 1800-0883

STOCK EXHAUST: 22.5 lbs
75-107-4: 7 lbs

75-107-4 PARTS LIST		75-107-4 /QTY.
PART NO.	DESCRIPTION	
7-50053	Outlaw Meg.	1
7-80129	Front Pipe Assy.	1
7-80130	Rear Pipe Assy.	1
7-70007	O ₂ Sensor Plug	2
7-30002	Spring	2
7-70042	Meg. Mounting Bracket (A)	1
7-70043	Dog Bone Nut Plate	1
7-70044	Hex Bolt, 3/8-16 x 3/4	2
7-70046	Bolt, 5/16"-18	2
7-70036	Rivet	2
7-50044	Name Plate	1
7-30004	Exhaust Spring Puller Tool	1
7-60032	Indy Series Baffle Assy. 10 1/2" TVD-DPD	1

