



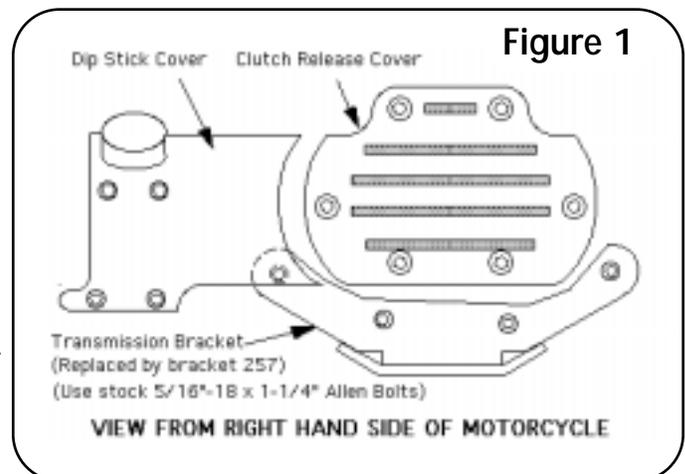
Dresser 2-1 Pro Pipe HS Exhaust System

Part # 17533

Congratulations, you have purchased the finest exhaust system available for your motorcycle. Your VANCE & HINES exhaust system is designed and crafted for maximum performance, a perfect fit, a great sound and unbeatable style! Please follow the installation instructions below and if you have any questions, feel free to call our technical help line at (562) 926-5291.

REMOVING THE STOCK EXHAUST SYSTEM

1. Place motorcycle on side stand. Remove both left and right saddlebags.
2. Loosen pinch clamp bolt on front end of each muffler. **Note:** On older model Dresser exhaust, spread clamps just enough to remove them.
3. Remove two 5/16" bolts holding the left and right mufflers to the saddlebag supports.
4. Remove stock mufflers and set them aside. **Note:** It may be necessary to use a penetrating lubricant on slip joint between muffler and head pipe.
5. Loosen heatshield clamps on both front and rear head pipes.
6. Loosen the left rear head pipe mounting clamp located behind the rear cylinder. Remove the section of head pipe that connects to left side muffler.
7. Remove 3/8" bolt from the head pipe clamp that secures front head pipe to the transmission bracket.
8. Remove right hand floor board.
9. Remove flange nuts that secure each head pipe to cylinder head. Carefully remove the head pipes and set them aside.
10. Carefully remove flanges and circlips (save) from the stock exhaust system using snapping pliers. **Note: Replace bent or damaged circlips.**
11. Remove stock transmission bracket. To access standard transmission bracket, first remove oil dip stick cover and clutch release cover. Refer to figure 1. **Note: If motorcycle is resting in a near vertical position, engine/transmission oil must be drained completely before removing covers.** Loosen and remove four allen bolts and stock transmission bracket. (save)



VANCE & HINES EXHAUST SYSTEM INSTALLATION

1. Remove all Pro Pipe hardware from packaging. Locate and install bracket #257 using original allen bolts. Refer to figure 1. **Note:** On motorcycles equipped with ground strap attached to stock bracket, enlarge terminal and attach to new bracket under front bracket bolt. **Note: Refer to**

owners manual for recommended torque specifications.

Reinstall oil dip stick cover and clutch release cover.

2. Remove Pro Pipe header from box. Carefully install supplied head pipe clamp which holds front head pipe secure to transmission bracket. Spread clamp open just enough to slide it over the end of front head pipe. Slide head pipe clamp down past third bend.
3. Install the circlips and flanges from the stock system onto both front and rear head pipes. Refer to figure 2.



Figure 2

4. Unscrew all hose clamps (supplied) until they are completely loose. Mark top edge of all three heat shields with location of mounting clips that are welded to backside of heat shields. Place header on a non-abrasive surface

such as a blanket or carpet. (Reduces risk of scratching chrome on heat shields).

Position the front heat shield over the head pipe and feed the tail end of hose clamps into clips. Be sure that each hose clamp

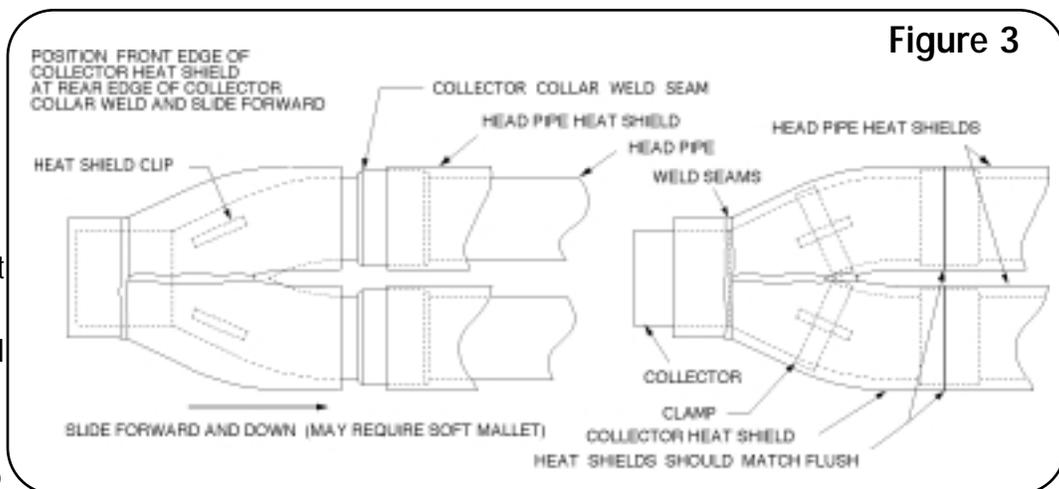


Figure 3

is engaged with both clips. Repeat this step for rear heat shield and collector heat shield. **Do not force collector heat shield directly onto header from the side. Damage to collector heat shield will result.** **Note:** Collector heat shield uses smaller 3/8" wide clamps. Refer to figure 3.

5. To facilitate installation of collector heat shield, use a forward sliding motion from the rear of collector. Refer to figure 3.
6. Vance and Hines recommends replacement exhaust port gaskets, Harley part number:17048-98.
7. Carefully install the Pro Pipe header using stock head pipe flange nuts (leave nuts loose). Align head pipe clamp to transmission bracket. Attach head pipe clamp to transmission bracket using 3/8" bolt and nut (hardware supplied). Do not tighten head pipe clamp at this time.
8. Install megaphone clamp over inner slip joint tube at front of megaphone.
9. Slip megaphone onto header collector engaging both collector as well as collector heat shield. Install bolts through saddlebag support into rear megaphone bracket (use stock 5/16 bolts). Rotate megaphone clamp to the least visible position and tighten securely.
10. Tighten head pipe flange nuts evenly, securing front and rear head pipes to cylinder heads. Now tighten front head pipe clamp to transmission bracket.
11. Align all three heat shields so ends meet flush. Refer to figure 3. Tighten heat shield clamps.
12. Replace right hand floor board. **Note:** If front heat shield interferes with floor board, use 1/2" flat washer (supplied) to space rear floor board mount away from heat shield.
13. Check engine/transmission oil levels and refill if needed.
14. Remove oil and finger prints from chrome using a soft cotton cloth and chrome polish before starting engine.

15. Check for adequate clearance between all exhaust system components and motorcycle accessories prone to heat damage. **Note: Be sure to tighten all hardware before starting your motorcycle.**

RE-JETTING INSTRUCTIONS

Re-jetting the carburetors will result in realizing the "full" potential of this performance exhaust system. Vance & Hines offers jet kits for most applications. For fuel injected models, we recommend the use of Vance & Hines Fuelpak part number 61003.

Option

On fuel injected models this system will work with Vance & Hines Fuelpak part number 61003. Order it today from your dealer or go to vanceandhines.com for more information.



PLEASE NOTE:

Every effort is made for Vance & Hines Exhaust Systems to provide improved cornering clearance. However, due to design and space limitations on some motorcycle models, ground and cornering clearance may not be improved and in some cases may be reduced. Be sure to follow proper installation instructions.

WARNING!

VANCE & HINES DOES NOT WARRANTY ANY CHROME PRODUCTS AGAINST DISCOLORATION.

For information about other Vance and Hines products visit our web site at vanceandhines.com