



Dresser Duals Exhaust System Part #16729

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 (562) 926-5291.

Attention Installer: (if other than owner): Please forward this instruction sheet to the purchaser of this product. These instructions contain valuable information necessary to the end user.



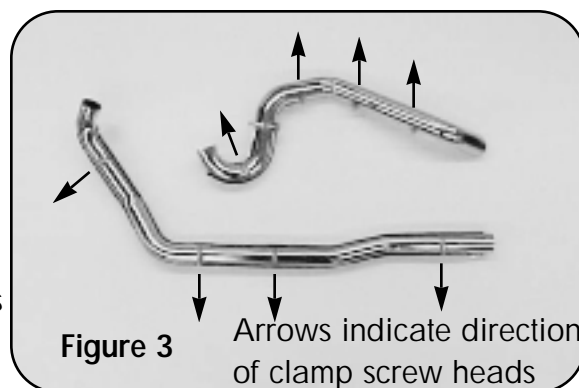
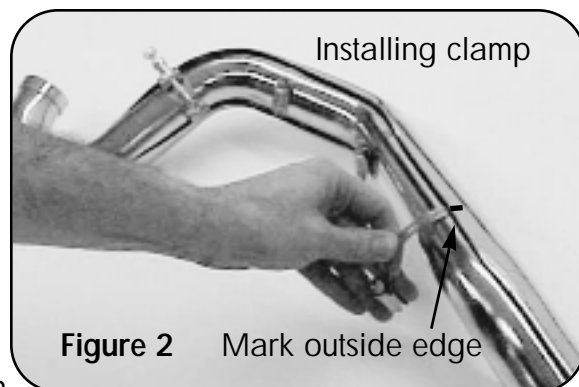
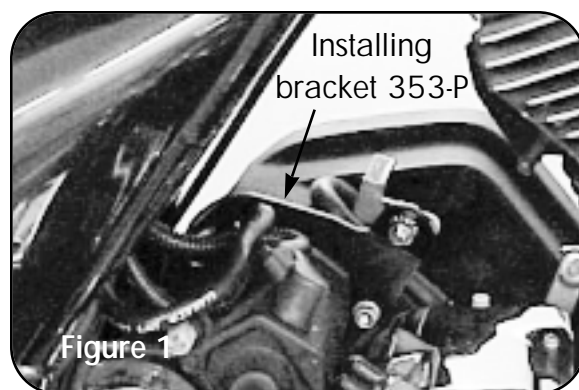
STOCK EXHAUST SYSTEM REMOVAL

1. Remove both left and right saddlebags and set them aside.
2. Loosen the bolt from the pinch clamp on the front end of each muffler. **Note:** On older model Dressers, spread the clamps just enough to remove them.
3. Remove the two 5/16" bolts that mount the muffler to the saddlebag supports. Repeat this step on the opposite muffler.
4. Remove the stock mufflers with sliding hangers and set them aside. **Note:** It may be necessary to use a penetrating lubricant to loosen the muffler from the head pipe.
5. Remove the right hand floor board.
6. Remove both passenger floor boards.

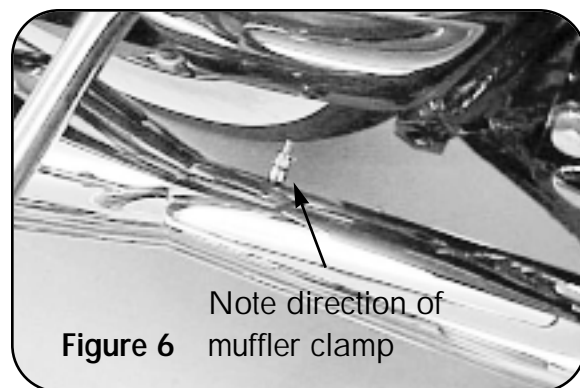
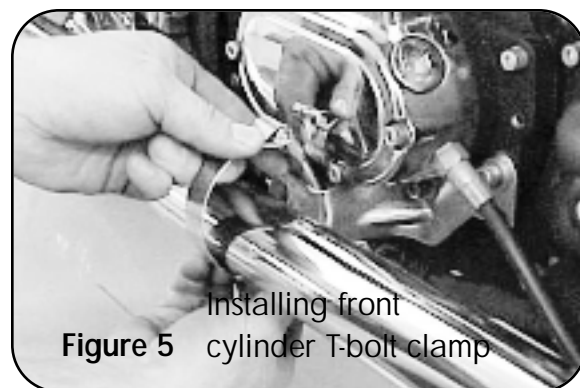
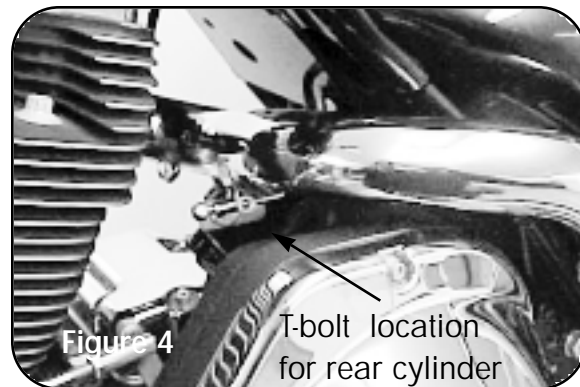
7. Loosen the heat shield clamps on both front and rear exhaust pipes.
8. Loosen the rear head pipe clamp located behind the rear cylinder. Remove the section of head pipe connecting the left side muffler.
9. Remove the clamp holding the front head pipe to the transmission housing.
10. Remove the two mounting nuts from each head pipe, located at the cylinder head. Carefully remove the head pipes and set them aside.
11. Remove the rear cylinder bracket by removing the two starter mounting bolts. Install new mounting bracket (stamped 353-P), and torque to (13-16) ft. lbs. (Figure 1). Make sure the battery ground cable is secure and properly routed. Install mounting post (from stock system) so the nut is accessible from right side of motorcycle and saddle will support underside of exhaust pipe. **Note:** Pre 1998 dressers do not come with this mounting post. It can be ordered from the dealer. Harley part number: 65619-98.
12. Carefully remove the exhaust port flanges and circlips from the stock exhaust system using snapping pliers. **Note:** If circlips look bent or twisted replace them

VANCE & HINES EXHAUST SYSTEM INSTALLATION

1. Remove head pipes and heat shields from protective packaging. Place each heat shield on a non-abrasive surface such as a blanket or carpet. Using a felt tip pen, mark outside edge of each heat shield to show location of mounting clips that hose clamps will loop through (Figure 2).
2. Starting with the rear cylinder pipe, slide the T-bolt clamp (Size #58) up the pipe so that it sits on the straight section of pipe closest to the cylinder head. When pipe is installed, clamp nut should hang under head pipe and point towards engine (Figure 3 & 4).
3. Lay the head pipe into the heat shield and install each hose clamp by feeding tail end of clamps into heat shield clips. Take note of location of clamp screw head direction (Figure 2 & 3) (screw head must be accessible when system is installed on motorcycle for adjustment purposes).
4. Install exhaust port flanges and circlips (from stock system) onto head pipes.
5. Check the stock exhaust gaskets to be sure they are in good shape. If you have any doubts as to their condition, replace them. (Recommended replacement exhaust port gaskets, Harley part number: 17048-98 or 65324-83A)
6. Install complete assembly into rear exhaust port. Use stock flange nuts, do not tighten at this time.
7. Slide T-bolt clamp into position on pipe support bracket, do not tighten at this time (Figure 4).
8. Install front head pipe, without heat shield, into front exhaust port. Use stock flange nuts, do not tighten at this time.



9. Install T-bolt clamp (Size #62) onto front head pipe looping through stock support bracket under transmission cover (Figure 5). Do not tighten at this time.
10. Install each hose clamp into front heat shield by feeding tail end of clamps into heat shield clips. Take note of clamp screw head direction (Figure 3).
11. Install heat shield onto front head pipe and loosely tighten clamps.
12. Install T-bolt clamp (Size #58) over the front (notched end) of each muffler so that the nut is facing inward toward the motorcycle (Figure 6).
13. Slip the muffler over the head pipe (and under the heat shield). Mount the muffler to the saddlebag support using the stock 5/16" bolts and tighten. **Note:** There is a different muffler for the left and right side of the motorcycle. The dent in each canister should always be facing in. This is to allow clearance for the swingarm on 2002 and later models.
14. Tighten the exhaust port flange nuts.
15. Tighten the T-bolt clamps on the head pipes.
16. Adjust the rear cylinder support bracket if necessary and tighten the securing nut.
17. Tighten the hose clamps securing the heat shields
18. Tighten the two muffler clamps.
19. Replace the right hand floor board using 1/2"x3/16" washers to space the floorboard away from the front head pipe.
20. Replace both passenger floor boards. **Note:** Floorboards can be installed in three positions. Install both floorboards at the same height.
21. Wipe any finger prints or oil off of the exhaust system.
22. **Be sure to tighten all hardware before starting your motorcycle.**



RE-JETTING INSTRUCTIONS

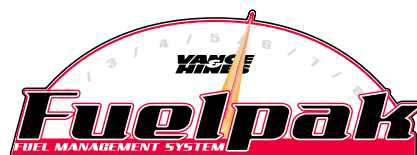
Re-jetting the carburetors will result in realizing the "full" potential of this performance exhaust system. Vance & Hines offers jet kits for most applications. For fuel injected models, we recommend the use of Vance & Hines Fuelpak part number 61003.

PLEASE NOTE:

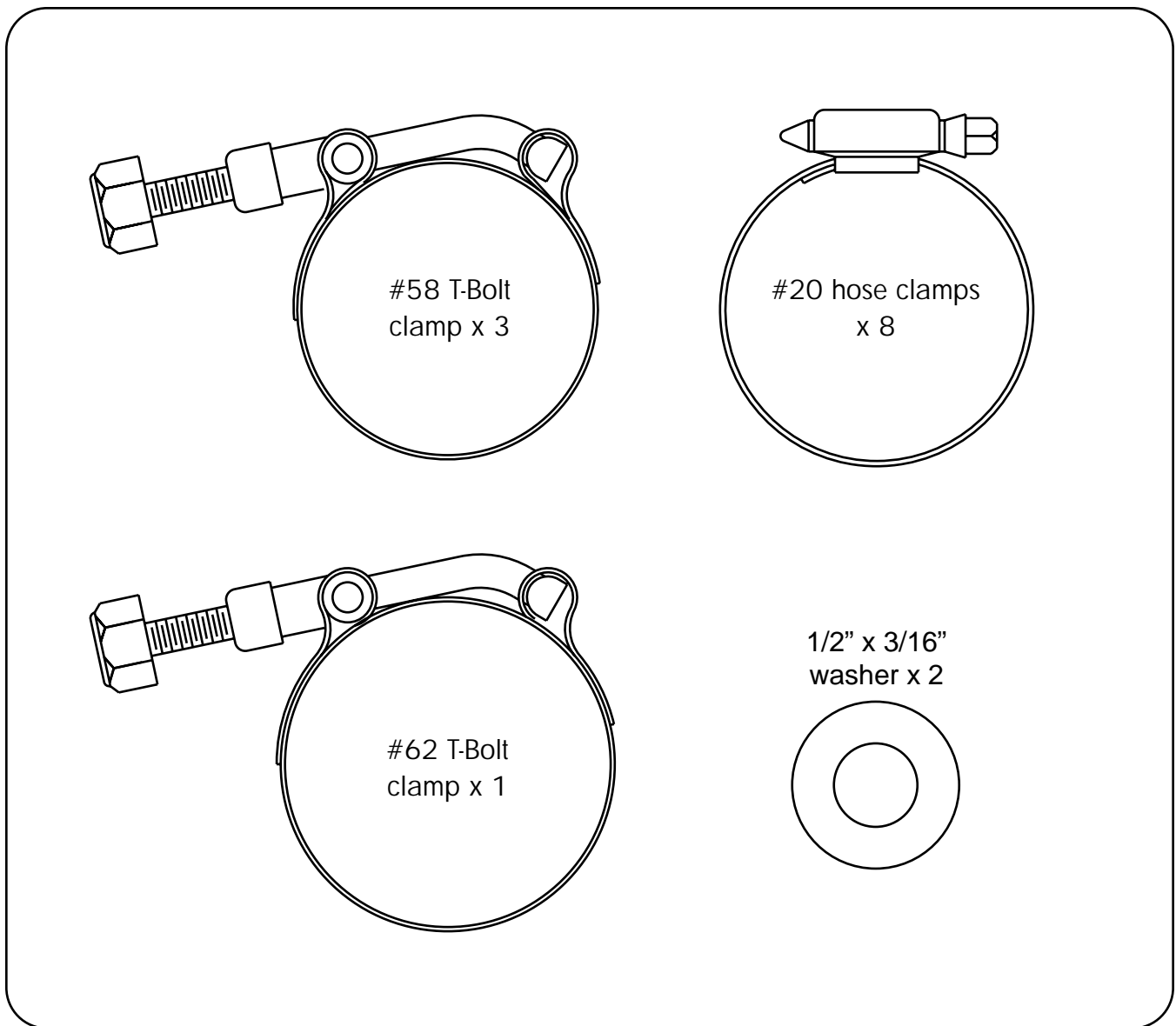
Every effort is made for Vance & Hines Exhaust Systems to provide improved cornering clearance. However, due to design and space limitations on some motorcycle models, ground and cornering clearance may not be improved and in some cases may be reduced. Be sure to follow proper installation instructions.

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.



PACKING LIST (All parts actual size)



HELPFUL HINTS TO AVOID DISCOLORATION OF EXHAUST PIPES

1. Follow owner's manual instructions regarding use of the choke (starter enricher). If left on longer than recommended, discoloration may be accelerated.
2. Avoid long periods of idling.
3. Intake leaks can cause engine to run lean and overheat, thus turning the pipes blue.
4. Make sure there are no exhaust leaks at the junction of the exhaust pipe and cylinder head.
5. 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 cleaning solvent that will leave no residue (glass cleaner, alcohol, ammonia, etc.) before starting the motorcycle.

WARNING!

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

For information on other Vance & Hines products visit our web site at www.vanceandhines.com