



HARDWARE



BRACKETS

PACKER #: _____

**EXHAUST SYSTEM # HD00183
UP-SWEEPS (2-2)**

Congratulations, you have acquired the finest aftermarket performance exhaust system available for your motorcycle. Your FREEDOM PERFORMANCE exhaust system was designed to perform fit and give the optimum sound and style at a very affordable price

Please follow the installation instructions and please do not hesitate to call us for any technical questions at (951) 898-4733

WARNING: FREEDOM PERFORMANCE WORKS WITH FACTORY STOCK MOTORCYCLES, ANY ALTERATION OR OTHER AFTERMARKET ACCESSORIES OR REPLACEMENT PARTS MAY INTERFERE WITH THIS EXHAUST SYSTEM, AND IN ORDER TO PROPERLY FIT IN SOME CASES SUCH COMPONENTS MUST BE REMOVED.

STOCK EXHAUST REMOVAL

1. Underneath the oil tank on the right-hand side, find the rear oxygen sensor connector. Now unplug the sensor at the end of the wire through the frame releasing it from the motorcycle. NOTE: make sure to remember the correct way for wiring routing for re-installation.
2. Unlock the plastic cover above the rectifier right in front of the frame of the motorcycle to get access to the front oxygen sensor connector. Unplug sensor from harness. Now remove cable tie which is holding sensor wire to the motorcycle frame and feed it the end of the wire through releasing it from the motorcycle.
3. If equipped, loosen the floor boards to gain clearance for exhaust removal and installation.
4. Loosen heat shield clamps on both the front and rear head pipes.
5. If equipped, loosen crossover pipe clamp, located between front and rear head pipes.
6. Remove two-cylinder exhaust port flange nuts from each head pipe, located at the cylinder head.
7. Remove the bolts that attach mufflers to the frame.
8. Remove the complete exhaust system and set aside. Assistance may be required.
9. On models 07 and up use a 7/8" or 22mm wrench, carefully remove the O² sensors from the stock head pipes and save for re-use with the new Freedom Performance exhaust system.
10. Now remove exhaust port flanges and circlips from the stock exhaust system using snapping pliers. It is best to wear safety glasses when removing retaining rings to prevent eye injuries.
11. Lastly remove the two lower mounting studs from the frame



PART # HD00264



PART # HD00263

EXHAUST INSTALLATION

1. Remove header and heat shields from protective packaging. Place them in a non-abrasive surface such as a blanket or carpet. Slide header into heat shield's tail end first,
2. Install exhaust port flanges and circlips (from stock system) onto head pipes. (FREEDOM PERFORMANCE recommends replacement of exhaust port gaskets if damaged or worn out, Harley part number: 17048-98 or 65324-83A
3. Install oxygen sensor (from stock) apply a small amount of anti-seize compound to the threads of the O2 sensors and install them into the new head pipes. NOTE: Be careful not to get anti-seize on sensor tip, it may affect sensor functionality. On models without O2 sensors a plug must be installed in the header bong sold separately Freedom Performance Part number AC00028
4. Attach mounting bracket MBK-S126-P to motorcycle frame (supplied) using 3/8-16 x .750" flange bolts (If equipped, plastic plugs must be removed).
5. Attach two carriage bolts 3/8-16 x 3/4" to bracket slots.
6. Install front head pipe first into exhaust ports by first carefully sliding the channel bracket welded on the head pipe to the head of the carriage bolt (on the mounting bracket) to engage and function as support as the header is aligned with the exhaust port. Install port flange nuts. **NOTE: DO NOT TIGHTEN AT THIS TIME YET.**
7. Repeat step 6 with the rear header.
8. Align both pipes and tighten to the mounting bracket first then to the exhaust port flanges.
9. Align heat shields and tighten clamps.
10. Reinstall front passenger floor board in some model it may be necessary to install spacers to the floor board for clearance.
11. Check for adequate clearance between all exhaust system components and motorcycle accessories prone to heat damage.
12. Clean exhaust system with some chrome cleaner and remove painters' tape (if used during installation) before turning on engine. Failure to follow this procedure may result in damage to the chrome finish as oils burn out leaving permanent marks

Note: Be sure to tighten all hardware before starting your engine. Retighten after the first 100 miles.

Re-mapping is strongly recommended by FREEDOM PERFORMANCE

Every attempt has been made to provide improved cornering Clearance. However, due to design and space boundaries on some motorcycle models, ground and cornering clearance may not be improved and in some cases may even be reduced.

WARNING!
FREEDOM PERFORMANCE DOES NOT WARRANTY ANY CHROME OR BLACK FINISH PRODUCTS AGAINST DISCOLORATION.