



INSTALLATION INSTRUCTIONS

LOWDOWN | SPORTSTER®

MINIMUM REQUIRED TOOLS:



FLAT HEAD SCREWDRIVER



1/2", 9/16", 14mm, 7/8" or 22mm WRENCHES



5/16", 1/2", 9/16" SOCKETS AND RATCHET



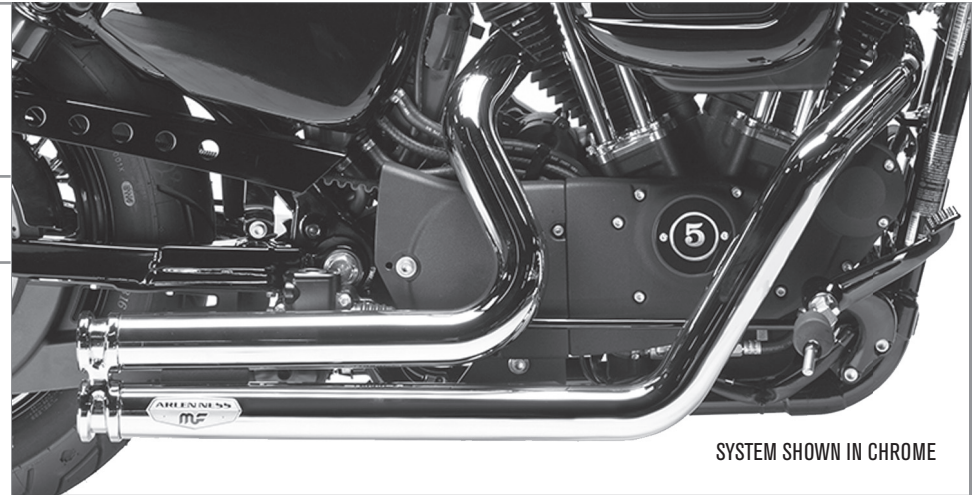
SNAP RING PLIERS



3/16", 1/4", 5/16" ALLEN WRENCH



TORQUE WRENCH



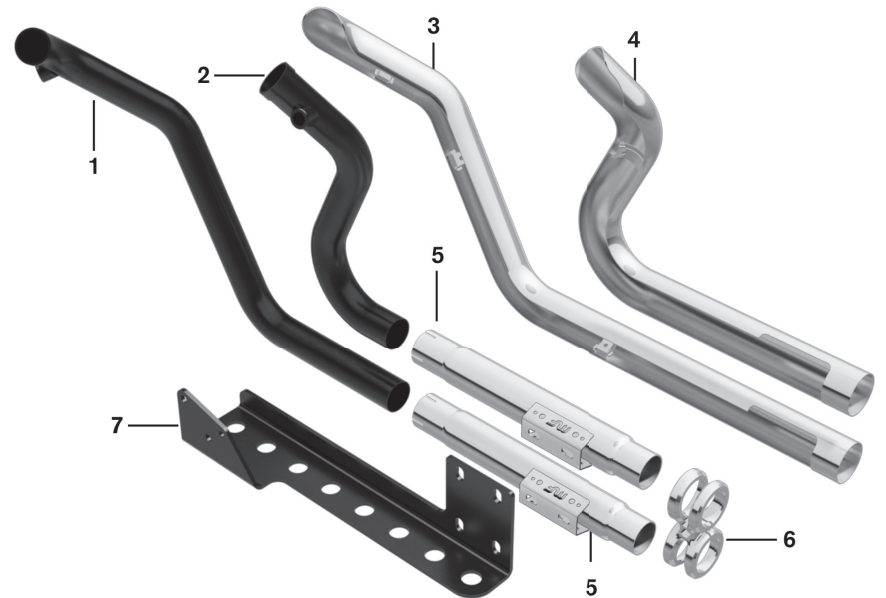
SYSTEM SHOWN IN CHROME

INCLUDED HARDWARE:



- 1. (2) O2 ADAPTER
- 2. (2) O2 PLUG SOCKET
- 3. (2) NUT PLATE 3/8-16
- 4. (4) BOLT HEX 3/8-16 x 0.625
- 5. (2) MUFFLER CLAMP 1.75inch
- 6. (4) HEAT SHIELD CLAMP 1.75inch
- 7. (1) NYLON ZIP TIE
- 8. (1) THREADLOCKER

CHROME PART # 7212701
BLACK PART # 7212804



- 1. FRONT HEAD PIPE
- 2. REAR HEAD PIPE
- 3. FRONT HEAD SHIELD
- 4. REAR HEAD SHIELD
- 5. MUFFLER
- 6. TWIN CLAMP
- 7. MOUNTING BRACKET



IMPORTANT INFORMATION

1. Register your new product.
2. When installing new MagnaFlow exhaust systems, be sure your hands are clean and free of oil, lotion or similar products. After installation is completed and before starting the motorcycle, thoroughly clear the new exhaust system with a clean, soft cloth and cleaning solvent that leaves no residue. Debris, residue or fingerprints left on the system may cause damage to the finish. Damage or discoloration to finish is not covered by warranty.
3. MagnaFlow advises replacing worn or damaged gaskets.
4. Make sure there are no exhaust leaks at the junctions and connecting points of the exhaust pipes and/or mufflers, or at the cylinder.
5. Leaks due to improper installation may cause the engine to overheat. This may cause discoloration.

Maximize your motorcycles performance and efficiency by complementing your new MagnaFlow exhaust system with a fuel tuner management system and or EFI remapping. Remapping is suggested to optimize performance while reducing the possibility of damage to your motor or new exhaust system.

NOTICE: MagnaFlow makes every effort to design exhaust systems which enhance the riding experience. However, due to restraints on some models, tolerances, ground and or cornering clearance may not improve and in some cases may be reduced. Adjustments to the motorcycle not listed here may be required for proper fitment. Be sure to carefully follow all installation instructions.

DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES.

Some part numbers not available in California. The California Air Resources Board (CARB) does not permit the use of aftermarket emission-related part(s) that alter the performance of OEM emission-related devices unless CARB has issued an Executive Order. Check Federal, State and local laws for compliancy.

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CALIFORNIA EMISSIONS NOTICE

Some part numbers are not legal for sale or use in California. The California Air Resources Board (CARB) does not permit the use of aftermarket emission-related part(s) that alter the performance of OEM emission-related devices unless CARB has issued an Executive Order, other than on racing vehicles on closed courses. Check your local laws and manufacturer's information.

In California, the sale and installation of motorcycle aftermarket exhaust parts that may have the potential to impact emissions are regulated by the California Air Resources Board (CARB). The sale, installation and use of emissions related aftermarket exhaust parts on motorcycles is prohibited unless the exhaust part is either an OEM "replacement part" as defined by the state of California, or is specifically permitted for use by an Executive Order issued by CARB.

(1) Replacement Parts

Replacement Parts are aftermarket parts that are functionally identical to the stock OEM part they are intended to replace, and therefore do not adversely impact emissions when installed and in use. Replacement Parts are permitted for sale, installation and use on motorcycles used on or off the public highways in California. For motorcycles, these parts fall in to two categories:

CALIFORNIA EMISSIONS NOTICE (CONT.)

* No emission control - If the motorcycle's stock exhaust system does not contain any emission control components, then an aftermarket exhaust part is a Replacement Part and no EO is required.

* Upstream emission control devise. If the motorcycle's stock exhaust system contains a catalytic converter, then an aftermarket exhaust part positioned downstream from the catalytic converter (i.e. cat-back) is a Replacement Part as long as it does not remove, replace or adversely affect any emission control equipment originally attached to the stock exhaust system.

(2) Executive Order Parts

All exhaust parts that incorporate or impact any emission control devise require a CARB issued Executive Order allowing the parts to be advertised, sold, offered for sale and installed in California, pursuant to specific application.

PLEASE NOTE:

Several MagnaFlow motorcycle exhaust systems are designed to be used with O2 and non-O2 sensor applications. If your motorcycle does not come equipped with O2 sensors, simply skip any steps referring to them. It will be necessary to install the supplied O2 sensor plugs during the installation process.

1. Install the supplied, MagnaFlow exhaust mounting bracket using the factory hardware (Figure 1).

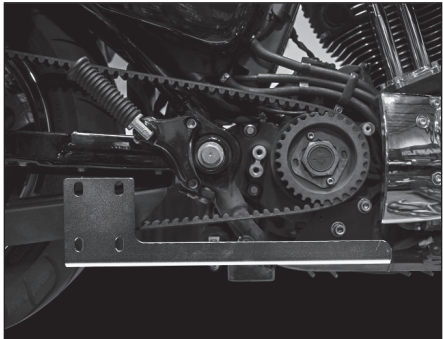


Fig 1

2. Re-install the front pulley drive belt cover using the factory hardware.

3. Re-install the foot controls and brake rod.

4. Install the factory mounting flanges and circlips, removed for the factory system, on the new head pipes. (Figure 2)



Fig 2

5. Install the mufflers to the head pipes using the supplied 1.75 inch muffler clamps. Do not tighten at this time to allow for adjustment.

6. Carefully install the factory O2 sensors into the new head pipes.

7. Attach the heat shield clamps the heat shields by inserting the end of the clamp through the retaining bracket (Figure 3)



Fig 3

8. Insert the head pipes into the heat shields and attach the clamps (Figure 4). Do not tighten at this time to allow for adjustment.

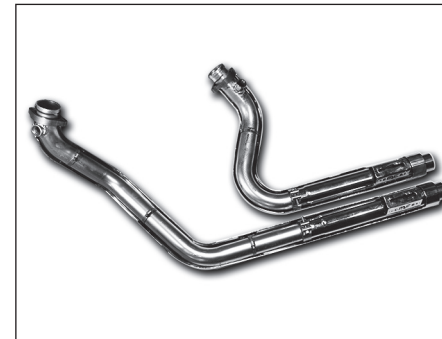


Fig 4

9. Install the head pipes to the exhaust ports using the factory exhaust port nuts. Do not tighten the nuts at this time to allow for adjustment.

10. Insert the supplied nut plates into the muffler mounting braces and attach the mufflers to the new mounting bracket using the 3/8-16x0.625 bolts (Figure 5). Do not tighten at this time to allow for adjustment.



Fig 5

11. With the screw head facing the motorcycle, insert the larger opening of the Twin Clamp onto the mufflers and over heat shields. Make sure that the mufflers are fully inserted in the Twin Clamp and the Twin Clamp overlaps the heat shields approximately 3/8 inch. Do not tighten at this time to allow for adjustment. (Figure 7)

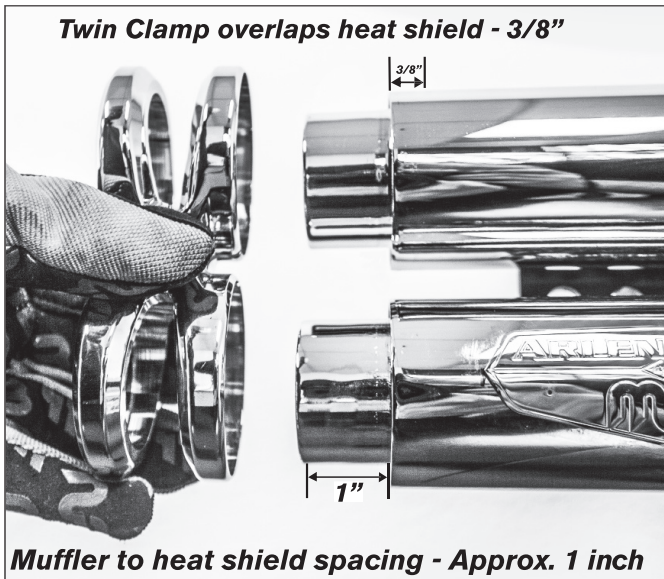


Fig 7

12. Making sure that the front and rear head pipes are parallel, tighten the exhaust port nuts to factory specifications.

13. Fully tighten the mounting bracket bolts.

14. Adjust and fully tighten the heat shield clamps.

15. Fully tighten the Twin Clamp screw. Figure (8)



Fig 8

16. Re-route and plug in the O2 wiring harnesses. Install the supplied cable tie on the front O2 wire harness at its original location.

17. Before starting the motorcycle, make sure to check that all of the exhaust components including O2 wiring have been properly installed and have proper clearance to avoid damage. Make sure that all hardware has been tightened to factory specifications.