

INSTALLATION INSTRUCTIONS

DRAG SPECIALTIES PYTHON THROWBACKS P/N 1800-1312

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.

INTRODUCTION: These instructions describe the procedure for properly installing the Python Throwbacks on 04-11 XL models. Review instructions carefully before beginning, as they contain important information.

Please retain for future reference. The following notations distinguish particularly important information in the instructions.

NOTE: A NOTE provides key information to make procedures easier or clearer.

CAUTION: A CAUTION indicates special procedures that must be followed to avoid damage to the motorcycle and/or accessories.

WARNING!: A WARNING indicates special procedures that must be followed to avoid injury to a motorcycle operator or person inspecting or repairing the motorcycle.

TOOLS REQUIRED:

Snap ring pliers
Flat blade screwdriver
5/16" Nut driver
Torque wrenches
9/16", 1/2" & 7/8" or 22mm Wrenches
3/16" & 5/16" Allen wrench & Torx T30 T-Handle
9" Extension
3/8" Drive ratchet

PROCEDURE:

NOTE: These instructions are written for late model motorcycles equipped with O₂ sensors. If you are installing these pipes on a bike which is not equipped with O₂ sensors, ignore all instructions which reference them. Additionally you will need to purchase an O₂ sensor block-off kit PART #1861-0072.

STOCK EXHAUST SYSTEM REMOVAL

1. Find and unplug the O₂ sensor wires from the wiring harness and remove nylon cable tie holding front wire to frame. Feed the end of the wires through the frame so they are free from the motorcycle.

NOTE: Pay attention to wire routing for re-installation.

2. Loosen the heat shield clamps on both the front and rear exhaust pipes. This allows easier access to the headpipe mounting nuts.



3. Remove the two headpipe mounting nuts from each flange, located at the cylinder head.
4. Remove the clamp bolt which mounts the rear headpipe to the belt drive cover bracket.
5. Remove the two bolts from each muffler body where they attach to the mounting bar. Carefully remove exhaust pipes from the motorcycle and set aside.
6. Using a 7/8" or 22mm wrench, carefully remove the O₂ sensors from the stock headpipes and save for re-use with the new system.
7. Remove the drive belt cover and take the bracket off the rear cover bolt, the bracket will not be re-used.
8. Loosen the brake rod at the rear eyelet using a T30 Torx driver.
9. Remove the three mount bolts and washers attaching the exhaust mounting bar (save hardware for re-use).
10. Carefully remove exhaust port flanges and circlips from the stock exhaust system using snap ring pliers.

NOTE: Replace bent or damaged circlips. Check exhaust port gasket condition, replace if needed.

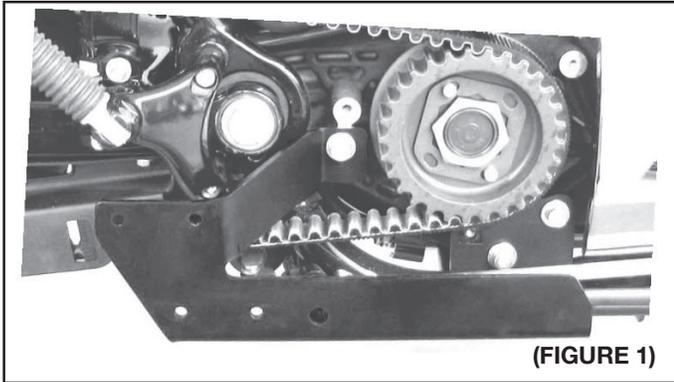


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SYSTEM INSTALLATION

1. Install and tighten supplied mounting bracket (stamped 382-P) using stock washers and bolts. Torque to 30-33 Ft/Lb. (FIGURE 1)



(FIGURE 1)

2. Re-install drive belt cover. Torque the $\frac{3}{8}$ " bolt to 30-33 Ft/Lb. and the two $\frac{1}{4}$ " bolts to 80-120 In/Lb.
 3. Re-install brake rod eyelet using removable thread-locking compound (LocTite® 243 recommended). Torque to 120-180 In/Lb.
 4. Remove header pipes from protective packaging. Place each header on a non-abrasive surface such as a blanket or carpet.
 5. Apply a small amount of anti-seize compound to the threads of the O₂ sensors and install them into the new headpipes.
- NOTE:** Be careful not to get anti-seize on sensor tip, it may affect sensor function.
6. Install circlips and flanges from the stock system onto both new headpipes.
 7. Using stock flange nuts, carefully install headpipes into exhaust ports (assistance may be required).

NOTE: Do not tighten at this time.

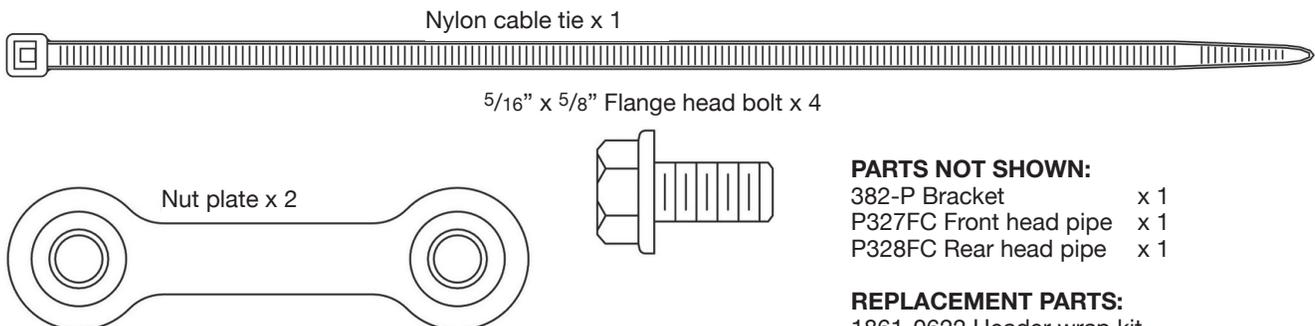
8. Slide nut plates inside brackets welded to backside of muffer bodies. While holding nut plates in place, attach muffer bodies to mounting bracket 382-P using four $\frac{5}{16}$ " x $\frac{5}{8}$ " flange head bolts (supplied). Leave them loose at this time.
9. Tighten cylinder port exhaust flange nuts on front and rear cylinders while making sure pipes are parallel.
10. Tighten $\frac{5}{16}$ " x $\frac{5}{8}$ " flange head bolts attached to bracket nut plates.
11. Plug O₂ sensors back into wiring harness and route wires away from hot areas of motorcycle.
12. Install a new nylon cable tie (supplied) to hold the front wire onto the frame in the original location.
13. Check for adequate clearance of all exhaust system components and motorcycle accessories prone to heat damage.
14. Tighten all hardware before starting motorcycle.

WARNING! The first initial startup will need adequate ventilation. It's normal for the heat wrap to smoke during the first few heat cycles.

WARNING! AVOID SKIN CONTACT WITH FIBERGLASS. IT MAY CAUSE TEMPORARY IRRITATION - PROTECTIVE EYEWEAR & GLOVES RECOMMENDED - AVOID INHALATION (OF LOOSE FIBERS).

PLEASE NOTE: Every effort is made for Python Exhaust Systems to provide improved cornering clearance. However, due to design and space limitations on some motorcycle models, ground and cornering clearance may be reduced. Be sure to follow proper installation instructions.

WARNING! Before operating motorcycle, be sure all hardware is tight.



PARTS NOT SHOWN:

382-P Bracket	x 1
P327FC Front head pipe	x 1
P328FC Rear head pipe	x 1

REPLACEMENT PARTS:

1861-0622 Header wrap kit

