

System # 07-0748 Install: Commando type Exhaust to 1974-79 "Standard"

NOTE: Mikes XS warranties Exhaust System Headpipes and Mufflers for 30 days against manufacturers defect or workmanship. Warranty does not cover hardware and damage caused by impact, modification, exposure to corrosives or deterioration caused by weather or wear. Owner is responsible for all damage caused by installation, accident or neglect. Chrome is Not warranted against blueing or discoloration. All systems have been design tested prior to manufacture and seller is not responsible for final tuning.

Please Read All instructions first !

1. Do Not install this system without first having your bike tuned and running properly in it's existing configuration.
- A. 1974-79 "Standard" models have Mikuni BS38 CV carbs installed as the stock original carb. We recommend that the stock original carb jetting or richer jetting be used especially if there have been other modifications such as aftermarket pod air filters installed (often a main jet of #140 or larger is required). Again the final tuning should be done by someone who knows how to tune and read spark plugs (road testing is usually required).

B.1 Main Jet Average Stock Standard Sizes for 74-79 XS/TX650's with Stock 38mm. CV Carbs

Mikuni Small Round Type Jets - N102/221 type are used

#127.5 - TX650A/XS650B (1974-75)

#122.5 - XS650C/D (1976-77)

#135 - XS650E/SE/F/SF/2F (1978-79)

B. 2 Pilot Jet - BS30/96 Mikuni Type are used on below -

Average Standard Sizes

#45 BS30/96 Fits: TX650A, XS650B (1974-75)

B. 3 Pilot Jet - VM22/210 Mikuni Type are used on below -

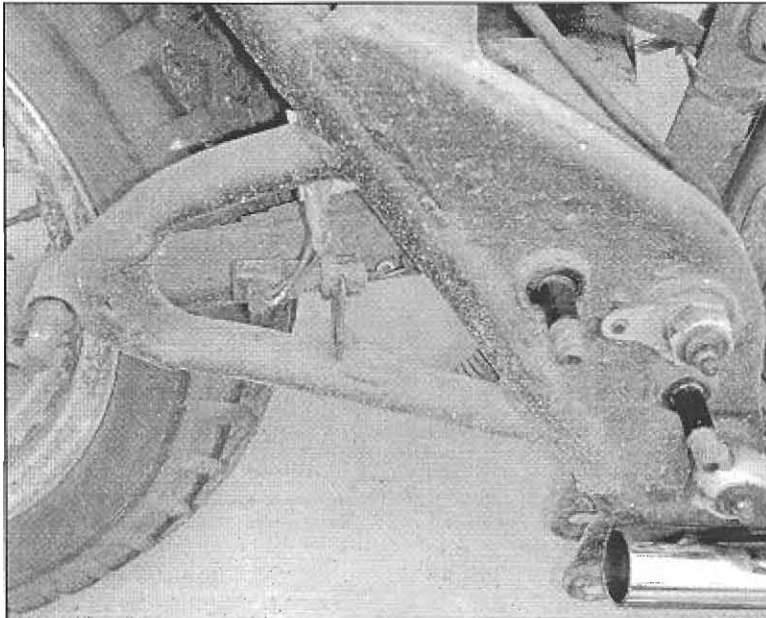
Average Standard Sizes

#25 VM22/210 Fits: XS650C/D (1976-77)

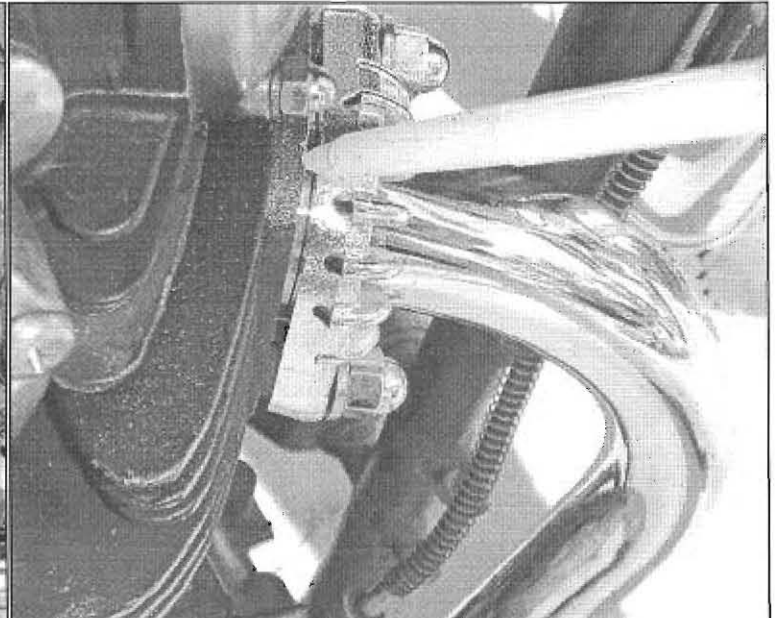
#27.5 VM22/210 Fits: XS650E (1978), XS650F (1979) -

2. Remove old exhaust system, old gaskets from cylinder head ports, passenger footrests and rider footrests.
3. Unpack 07-0748 System - Examine, wax & polish the Chrome Mufflers and Headpipes.
4. A hardware kit is included with your Exhaust system and is packed with related parts in sequence.

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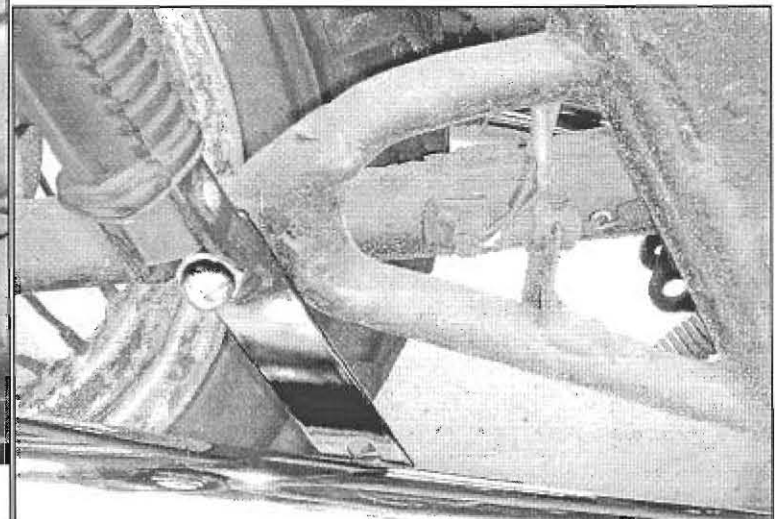
5. "Standard" models have a passenger peg frame loop that looks like this.



6. Install New headpipes, cylinder head port gaskets and headpipe flange crown nuts and lockwashers (HDW Ref. A). Tighten but leave just loose enough that the headpipe will still rotate in the head. Note that there is always an even gap between the finned headclamp and the head.



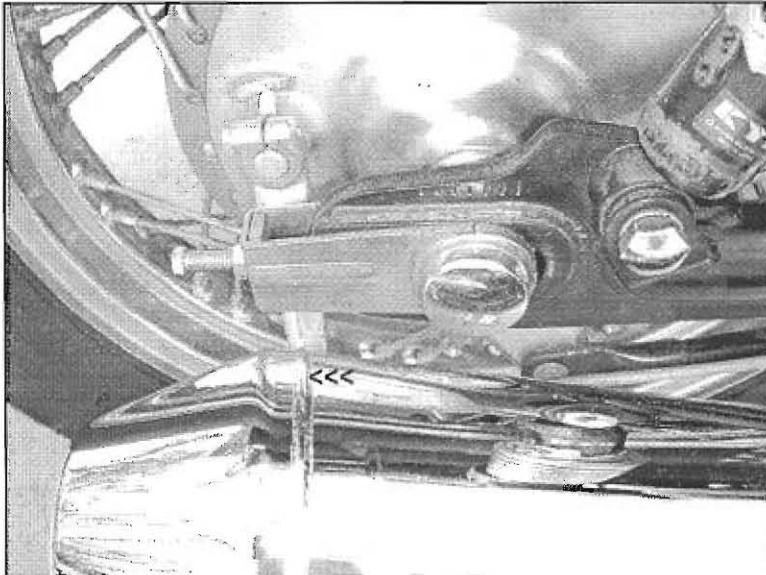
7. Insert thickwasher between each headpipe and the frame and insert fine thread bolt with washer, (HDW Ref. B) tighten.



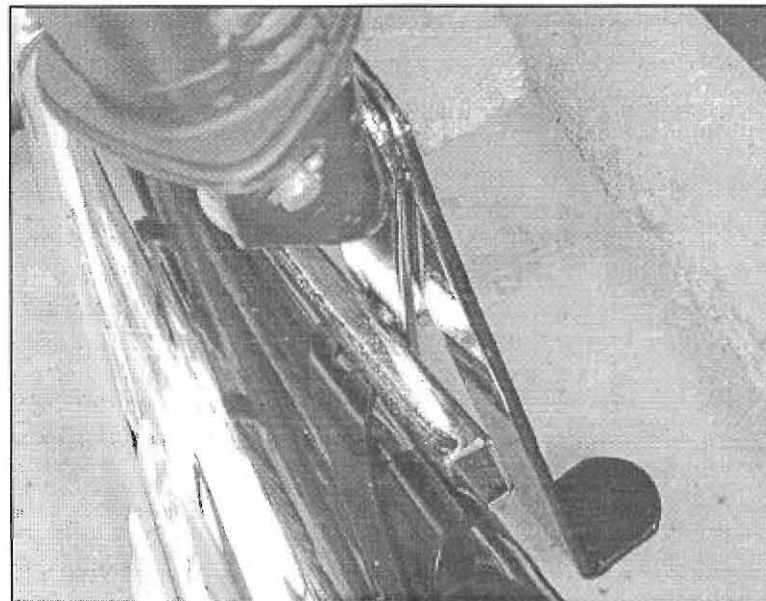
8. Mount the black hanger straps (HDW Ref. D) with the small slotted hole in the bracket to the mufflers. Slip the right side muffler onto the headpipe and secure with the crown nut and lock washer supplied (HDW Ref. C) at the angle shown. The weld on the muffler end cone should be even with the end of the swingarm as shown in the next photo (9). Tighten the muffler bracket and clamp and then the crown nut at the passenger peg end. Check the angle of the muffler versus the headpipe as it may be necessary to pull up on the muffler when you tighten the mounting brackets to get the alignment correct. Stand back and check the final alignment by eye.

Continued >

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9. Slide the right side muffler onto the headpipe until the weld on the end cone is even with the end of the swingarm as shown above.

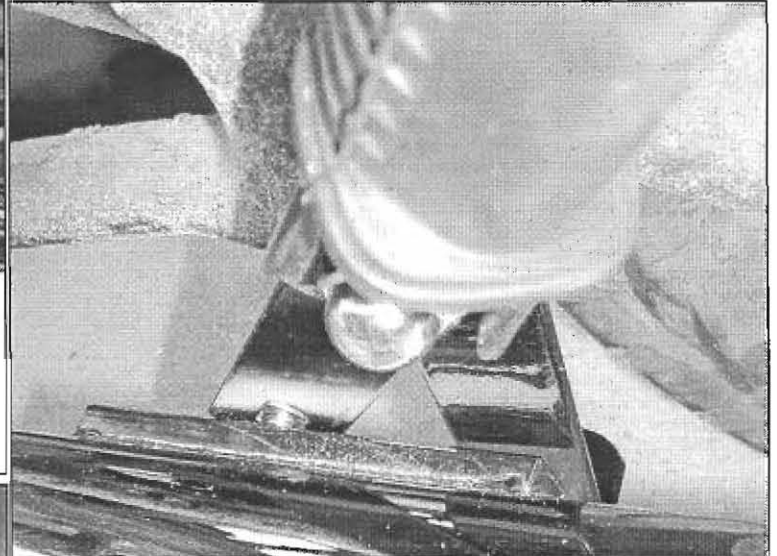


12. Tighten the hanger strap and passenger footrest crown nut as detailed in photo #8 and check the head pipe to muffler alignment as detailed. Check the position of the center stand stop and adjust as needed. Tighten the headpipe nuts and bolts (headpipe flanges and lower brackets).

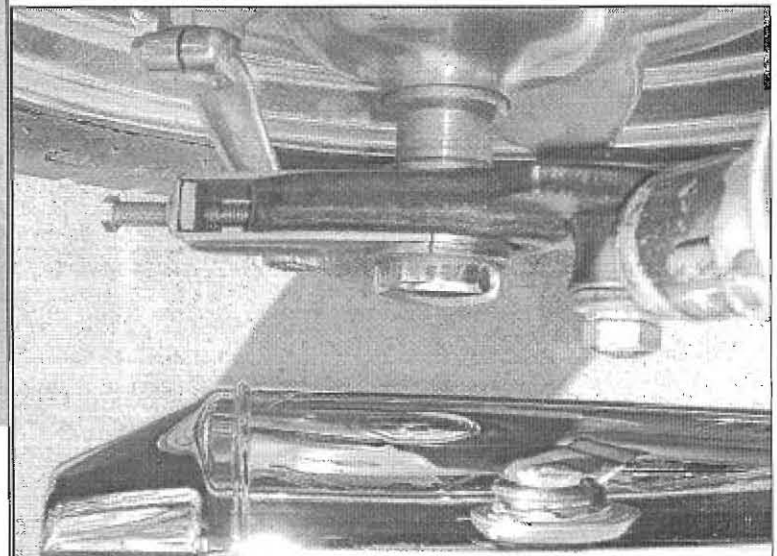
14. Re-install the rider footrests and check the rear brake adjustment and the travel of the brake pedal to be sure it does not hit the headpipe.

15. Wipe down the entire exhaust and remove all dirt, oil and fingerprints from it before starting (or these will imbed in the chrome plating once the exhaust is hot).

10. Drill the end of the center stand stop bracket and mount the stop rubber (HDW Ref. D) to the end of the stop bracket (it may be necessary to trim the rubber to get it thru the hole). Install the hanger strap on the left side muffler and mount the muffler to the bike. Mount the hanger strap and the center stand stop as shown in the next two photos (11 & 12).



11. Position the muffler as shown in photo #9 and tighten the muffler clamp.



13. Check the clearance of the mufflers to the rear axel and if the distance differs much on any side this can be adjusted by simply pushing in on the muffler (this will bend the muffler hanger strap a small amount).

16. Start the bike, let it warm up a few minutes, check for exhaust leaks, adjust the idle speed, shut off and retighten all the system mounting fasteners.

17. Roadtest, adjust jetting and idle as necessary and retighten All fasteners again. Enjoy!

07-0748HDW
Commando type
system on 74-79
"Standards"

