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HD FL TOURING

(2010-2016) Header System Part # 005-38701H



2	O2 Sensor Kit	005-92-22KIT
1	Barrel Clamp	005-27-61MSH

IMPORTANT - PLEASE READ CAREFULLY

We recommend that this performance part be installed by a qualified motorcycle technician. If you have any doubts as to your ability to install this performance part, please consult with your local motorcycle dealer. Read all instructions first before starting installation. Make sure the motorcycle and exhaust system are completely cool before starting the installation. Also, make sure the bike is secure on a centerstand or ideally a service lift during installation. Be sure to save all stock components for possible use later.

WARRANTY

Two Brothers Racing products are intended for closed course competition purposes only, and therefore are sold "as is" without warranty. Two Brothers Racing specifically disclaims any warranties of merchantability or fitness for a particular purpose and disclaims all responsibility for consequential and incidental damages or any other losses arising from the use of these products or parts.

CARE & CLEANING

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Keep system free of dirt and moisture. Store in a cool, dry place. Make sure vehicle is completely cool before maintenance.

Stainless Header System: Polished stainless steel pipes will turn a light golden hue after a few heat cycles, this is a normal characteristic of high quality stainless steel. Clean using a mild water based spray cleaner. Always apply cleaner or polish with a soft, clean cloth.

INSTALLATION INSTRUCTIONS

1. Secure motorcycle on side stand or service lift.
2. Remove left and right saddlebags.



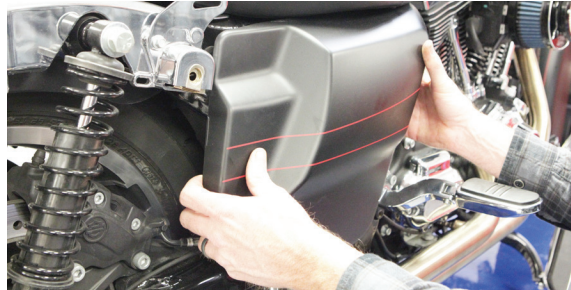
3. Remove left and right mufflers.
4. Remove right hand floorboard bolts to expose front header.



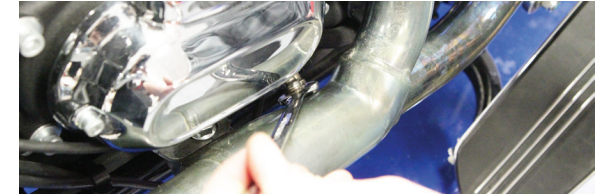
5. Remove all OEM heat shields with clamps and put aside for re-use.



6. Remove right side cover.



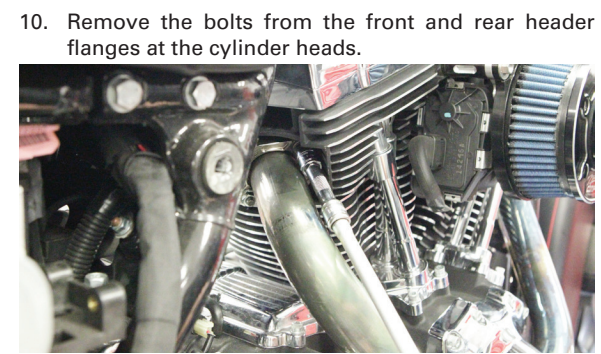
7. Remove front and rear O2 sensors from headers and make note of which is front and rear for later.



8. Remove the rear left side pipe that runs from right to left by loosening the clamp and removing the bolt at the rear of the oil pan. The bolt will be re-used.



9. Remove header pipe bolt that secures the header to the transmission cover, this bolt will be re-used.



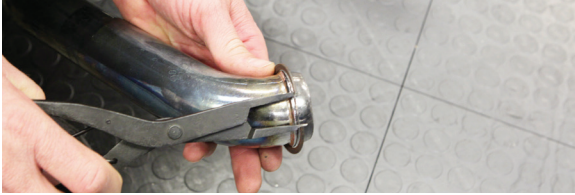
11. Remove OEM header assembly.



12. Check to see if exhaust port gaskets are in good shape or replace if worn (OEM part number 65324-83B).

INSTALLATION INSTRUCTIONS

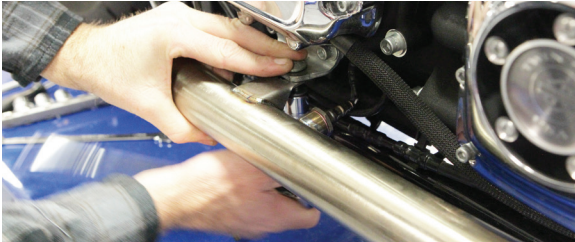
13. Remove exhaust flanges from OEM header by removing the circlips using snap ring pliers. If circlip becomes bent or twisted replace with OEM part number 65325-83A.



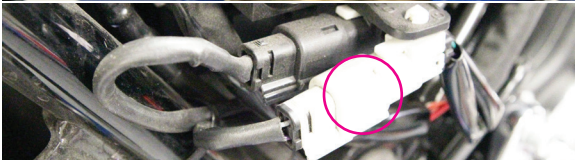
14. Re-install OEM headers flanges to TBR headers and secure in place with the OEM circlips.



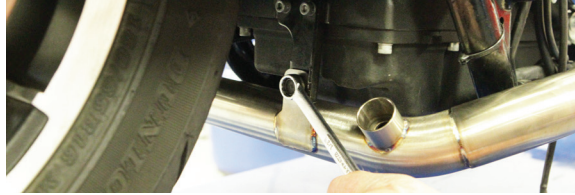
15. Install TBR front header and loosely secure in place using OEM flange bolts and OEM transmission mount bolt.



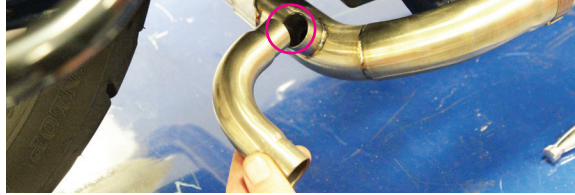
16. Install front O2 sensor (this has the grey plug on the end of the sensor wire) use supplied adaptors for 12mm O2 sensors.



17. Install exhaust tube that crosses over from right side to left side of motorcycle. Use supplied T-bolt clamp at slip fit to header and OEM bolt at rear of oil pan to secure in place.



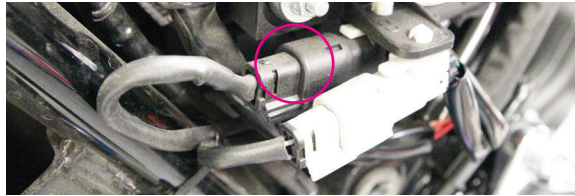
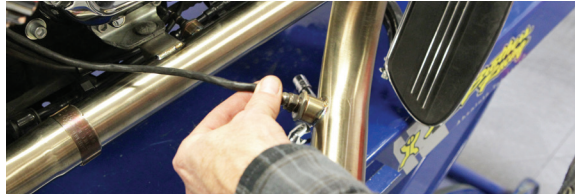
18. Insert supplied X-over tube into port on front header with orange dot going into front header.



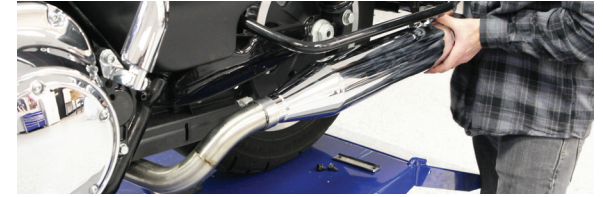
19. Install rear header and align it to the X-over tube and secure in place with the OEM header flange bolts.



20. Install rear O2 sensor (this has the black plug on the end of the sensor wire) use supplied adaptors for 12mm O2 sensors.



21. Install left and right mufflers.

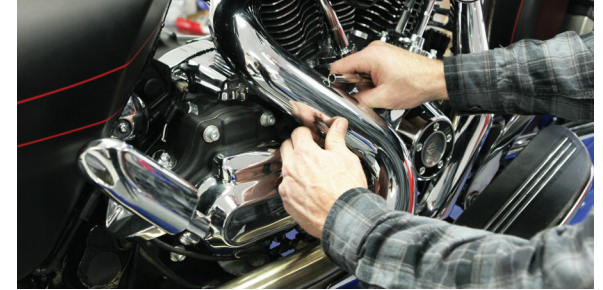


22. Re-install right floor board.

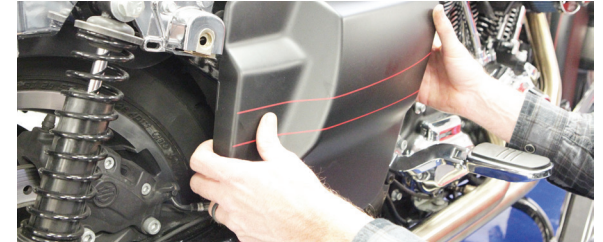


23. Tighten all hardware.

24. Install OEM heat shields using OEM clamps .



25. Re-install side cover.



26. Re-install saddle bags.



27. Check your work to be sure everything is tight and secure, check to be sure you have no exhaust leaks.