

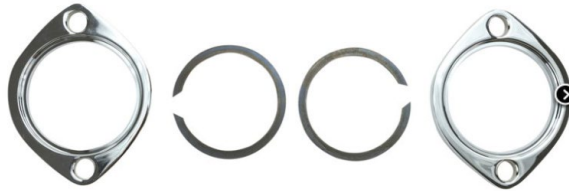


#110-0175 Harley Sportster Upsweep Exhaust Pipes for '86-'03.

**All Fasteners require medium strength threadlocker (blue Loctite)**

**Install Instructions:**

1. Remove stock exhaust system. You will need to re-use your stock retaining rings and flanges or purchase new ones (Part #109-0027). Re-use your stock flange nuts.



2. Install flanges/retaining rings to new exhaust.



3. Remove stock rear muffler support bracket.



4. Locate hardware pack/mounting brackets included with the new exhaust



5. **Loosely** install both middle and rear mounting brackets. **Do not tighten bolts.**



6. There are 3 included middle brackets. Depending on the year of your bike, you may use different ones.



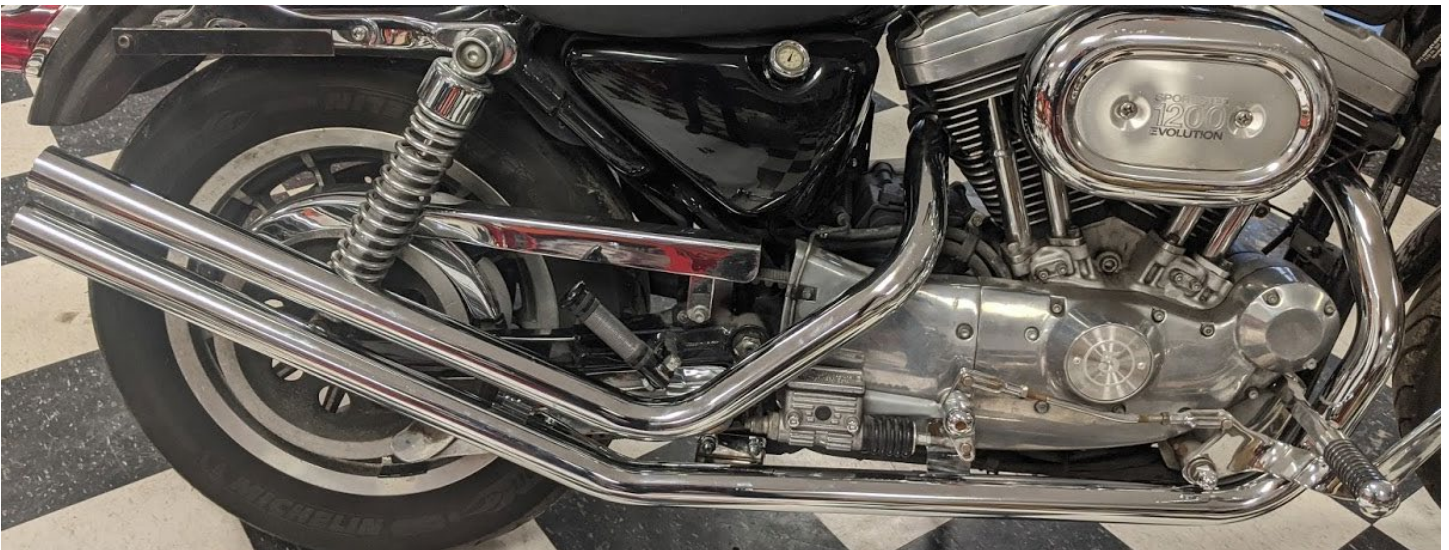
7. **Loosely** install bottom exhaust pipe to rear & middle mounting brackets. **Do not tighten bolts.**



8. **Loosely** install top exhaust pipe to rear slotted mounting bracket on bottom exhaust pipe. **Do not tighten bolts.**



9. Align pipes so they are parallel with each other in the rear and the top exhaust pipe has at least 1/8" gap from the rear brake master cylinder.



10. Begin by tightening the top and bottom exhaust pipes together in the rear (while holding them parallel), tighten the rear bracket to the bottom pipe, then tighten the rear exhaust bracket (two larger bolts) to the frame of your sportster. Next tighten the mid (engine) mount to the bottom exhaust pipe. Finally, tighten your flange nuts to the head of your motorcycle.