

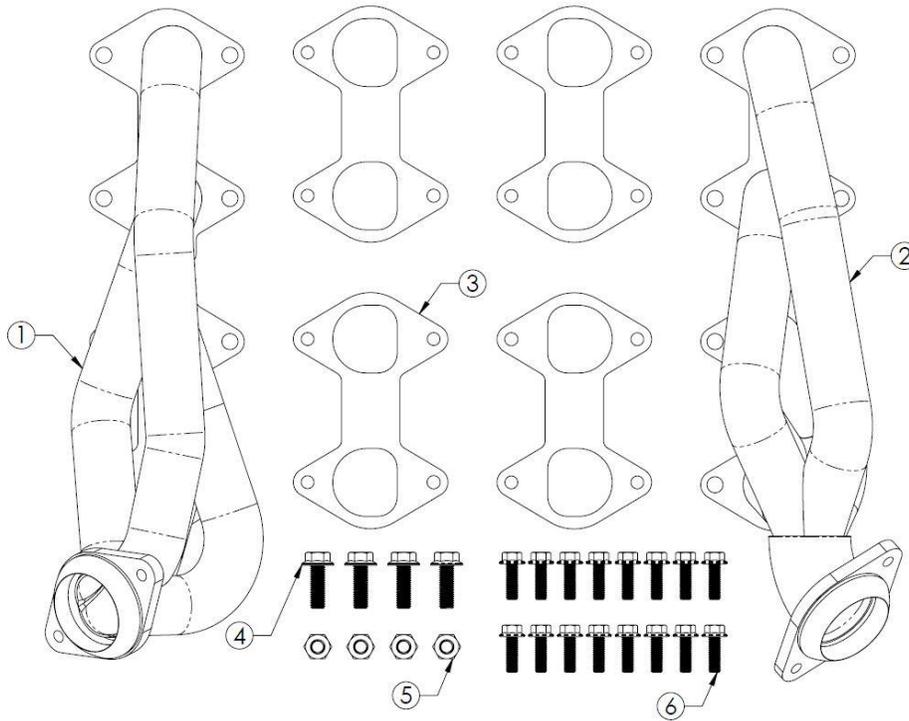


INSTALLATION INSTRUCTIONS

Shorty Headers

48-43032

MAKE: Ford
MODEL: F-150, Expedition
YEAR: 2004-2010
ENGINE: V8-5.4L



 **EMISSIONS DISCLAIMER**
This product is not currently CARB exempt and is not available for purchase in California or for use on any vehicle registered with the California Department of Motor Vehicles.

Item	Description	Part Number	Quantity
1	Left Header Assembly	05-244127	1
2	Right Header Assembly	05-244128	2
3	Gasket Set	05-46492	1
4	M10x1.5 x 50mm Bolt	03-50386	4
5	M10x1.25 Nut	03-50400	4
6	M8x1.25 x 25mm Bolt	03-50442	16

aFe POWER recommends professional installation on this product. Thoroughly inspect the aFe POWER exhaust system to make sure there is no damage from shipping (if damage is noted, immediately contact aFe POWER customer service). Allow time for your vehicle to cool down prior to installation. When working on your vehicle proceed with caution. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation.

Install band clamps to proper torque specifications of 40-45 ft-lb.



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1. **(Read instructions prior to installation.)** It is recommended to not fully tighten the exhaust until it has been fully installed. Leave loose for adjustability.
 2. Secure vehicle on jack stands (refer to your manual for specified jack stand positions).
 3. Disconnect the battery before starting work on the exhaust system.
 4. Remove bolts securing heat shields to transmission brace.
 5. Secure transmission and remove nuts securing transmission to brace.
 6. Remove nuts and bolts from transmission brace to chassis. Do not remove, only loosen driver side nut and bolt and let the transmission brace hang.
 7. Remove nuts from y-pipe to header flange.
 8. Loosen clamp on Y-pipe.
 9. Unplug the O2 Sensors.
 10. Unbolt Y-pipe hanger bracket from brace and remove Y-pipe.
 11. Remove bolt holding dip stick tube bracket.
 12. Remove dipstick tube.
 13. Remove x8 nuts from left side exhaust manifold.
 14. Remove exhaust manifold.
 15. Install aFe Power left-side header using the supplied gaskets and bolts.
 16. Reinstall dip stick tube and secure the dip stick tube bracket to engine.
 17. Remove right front wheel well liner.
 18. Remove x8 nuts from right side exhaust manifold.
 19. Remove right-side exhaust manifold.
 20. Remove hardware securing right engine mount to the frame.
 21. Lift and support engine.
 22. Install aFe Power right side header using the supplied gaskets and bolts.
 23. Lower engine and secure engine mounts.
 24. Install left and right-side Y-pipe using the supplied M10 nuts and bolts.
 25. Connect Y-pipe to exhaust system. Adjust Y-pipes and tighten all clamps.
 26. Plug in the O2 sensors
 27. Install transmission brace and tighten all nuts and bolts.
 28. Reinstall the left and right-side heat shields.
 29. Reinstall front right wheel well liner.
 30. Check your work to make sure everything is tight.
 31. Start the vehicle and check for any leaks. If any leaks are found, determine cause and repair as necessary.
 32. Remove vehicle from jacks stands.
 33. It is recommended to re-tighten all clamps and hardware after 50-100 miles.