



INSTALLATION INSTRUCTIONS

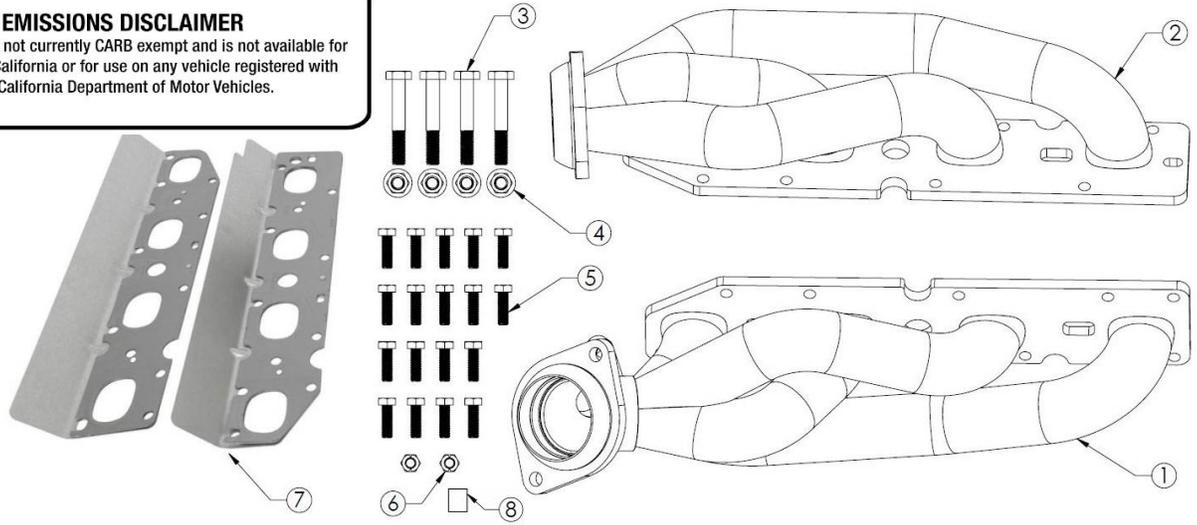
Shorty Headers

48-32029

MAKE: RAM
 MODEL: 2500/3500
 YEAR: 2019-2022
 ENGINE: V8-6.4L



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 | 05-245167 | 1 |
| 2 | Right Header | 05-245168 | 1 |
| 3 | Bolt, M10 x 1.5 x 65mm | 03-50346 | 4 |
| 4 | Nut, M10 x 1.5 | 03-50189 | 4 |
| 5 | Bolt, M8 x 1.25 x 25mm | 03-50421 | 18 |
| 6 | Nut, M8 x 1.25 | 05-46057 | 2 |
| 7 | Gasket Set | 05-46093 | 1 |
| 8 | Spacer, 3/4" OD x 5/16" ID x 5/8" L | 05-46094 | 1 |

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. Secure vehicle on jack stands (refer to your manual for specified jack stand positions).
2. Secure the stock exhaust with jack/stands.
3. Disconnect the battery before starting work on the exhaust system.
4. Loosen the clamp securing the exhaust to the Y-Pipe.
5. Remove exhaust from all hangers and remove from truck.
6. Support the vehicle transmission and remove the transmission crossmember.
7. Un-plug O2 sensors on Y-pipe.
8. Remove the bolts securing the Y-pipe to OE exhaust manifolds and remove OE Y-pipe.
9. Remove nuts on right side exhaust manifold heat shield and remove heat shield.
10. Remove the exhaust manifold bolts and remove OE exhaust manifold.
11. Clean the cylinder head manifold gasket surface, make sure it is free of exhaust gasket debris.
12. Install right side aFe power header and right side header gasket using the provided M8 x 1.25 x 25mm bolts and tighten working from the center out.
13. Remove nuts on left side exhaust manifold heat shield and remove heat shield.
14. Remove the dip stick and dip stick tube.
15. Remove the two nuts securing the EGR tube to the OE manifold.
16. Remove the exhaust manifold bolts and remove the OE exhaust manifold.
17. Clean the cylinder head manifold gasket surface, make sure it is free of exhaust gasket debris.
18. Install the Left side aFe power header and Left side header gasket using the provided M8 x 1.25 x 25 mm bolts and tighten from the center out.
19. Reinstall the dip stick tube and Reinstall dip stick.
20. Using the supplied M8 Nuts and Bolts, install the EGR tube to the header.
21. Reinstall OE Y-pipe to the aFe power headers using the provided M10 Hardware make finger tight only.
22. Install the transmission crossmember.
23. Plug in O2 sensor connectors on Y-pipe.
24. Reinstall exhaust system.
25. Fully tighten the y-pipe connection to the headers.
26. Re-connect battery.
27. Ensure that all the components of the aFe POWER exhaust system are aligned and are at a safe clearance from all wires, hoses, brake lines, body parts, and tires.
28. Start from the front of the aFe POWER exhaust system and evenly tighten all clamps and fasteners.
29. Start the vehicle and check for any leaks. If any leaks are found, determine cause and repair as necessary.
30. Remove vehicle from jacks stands.
31. It is recommended to re-tighten all clamps and hardware after 50-100 miles.