



INSTALLATION INSTRUCTIONS

MAKE: GM
MODEL: Silverado/ Sierra HD
YEAR: 2020-2021
ENGINE: V8-6.6L

Header
48-34145



<i>Item</i>	<i>Description</i>	<i>Part Number</i>	<i>Quantity</i>
1	S/A Header, Right Side 1.75"Dia SS304	05-145927	1
2	S/A Header, Left Side 1.75"Dia SS304	05-145913	1
3	Screw, Flange: 3/8-16 x 1-3/4	05-40104	3
4	Nut, Flanged Serrated, 3/8-16 Grade 8	05-40103	6
5	Screw, Flange: 3/8-16 x 1-1/4"	03-50427	3
6	Gasket, Header Manifold	05-46132	2

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.

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. Disconnect the battery before working on the exhaust system.
3. Secure vehicle on jack stands (refer to your manual for specified jack stand positions).
4. For faster installation, spread out the parts of the exhaust alongside your vehicle.
5. Secure the stock exhaust with jack/stands.
6. Remove the right and left front inner fender panels.
7. Remove the right side spark plug wires from the spark plugs and coil packs and set aside.
8. Remove the spark plugs.
9. Remove the (3) nuts on the right side exhaust manifold to Y-pipe connection.
10. Remove the bolts on the right side exhaust manifold heat shield and remove the heat shield.
11. Remove the bolts on the right side exhaust manifold and remove the OE exhaust manifold.
12. Clean the cylinder head exhaust manifold gasket surface, make sure it is free of debris.
13. Install the right side aFe power header using one of the supplied header gasket and OE bolts.
14. Tighten the bolts on the right side aFe power header starting from the center and working your way to the outside bolts.
15. Reinstall the right side spark plug wires and spark plugs.
16. Remove the left side spark plug wires from the spark plugs and coil packs and set aside.
17. Remove the spark plugs.



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18. Fasten the right side header to the y-pipe using the supplied 3/8" x 1-1/4" bolts and nuts provided in the kit and tighten.
19. Remove the (3) nuts on the right side exhaust manifold to Y-pipe connection.
20. Remove the bolts on the left side exhaust manifold heat shield and remove the heat shield.
21. Remove the bolts on the left side exhaust manifold and remove the OE exhaust manifold.
22. Clean the cylinder head exhaust manifold gasket surface, make sure it is free of debris.
23. Remove doughnut gasket on the left side OE exhaust manifold flange and reinstall it on the aFe power header.
24. Install the left side aFe power header using one of the supplied header gasket and OE bolts.
25. Tighten the bolts on the left side aFe power header starting from the center and working your way to the outside bolts.
26. Reinstall the left side spark plug wires and spark plugs.
27. Fasten the left side header to the y-pipe using the supplied 3/8" x 1-3/4" bolts and nuts provided in the kit and tighten.
28. Reinstall the right and left front inner fender panels.
29. Tighten the clamp on the Y-pipe to exhaust system connection.
30. Reconnect the battery.
31. 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.
32. Start the vehicle and check for any leaks. If any leaks are found, determine cause and repair as necessary.
33. Remove vehicle from jacks stands.
34. It is recommended to re-tighten all clamps and hardware after 50-100 miles.