



INSTALLATION INSTRUCTIONS

Headers, Up-Pipes and Down-Pipe

MAKE: Chevrolet
MODEL: Duramax
YEAR: 2015.5-2016
ENGINE: V8-6.6L

48-34137



<i>Item</i>	<i>Description</i>	<i>Part Number</i>	<i>Quantity</i>
1	Right Side Header	05-45963	1
2	Left Side Header	05-45964	1
3	Right Up-Pipe	05-145761	1
4	Left Side Up-Pipe	05-145208	1
5	Turbo Down-Pipe	05-145762	1
6	Sleeve Heat Protector	05-46123	2
7	10.9 Steel Flange Head Cap Screw	03-50493	16
8	Nut, Flange M10 x 1.5	03-50189	6
9	Screw, Flange Head M10 x 1.25 x 50mm	03-50386	3
10	Bolt, M8 x 1.25 25mm	03-50442	1
11	Bracket, Oil Lines	05-60084	1
12	Plug, Hex Socket: 1/8" NPT (Brass)	03-50410	1
13	Nut, 10mm x 1.25	03-50400	6

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. Secure vehicle on jack stands (refer to your manual for specified jack stand positions).
3. For faster installation, spread out the parts of the exhaust alongside your vehicle as shown in the diagram above.
4. Secure the stock exhaust with jack/stands.
5. Disconnect the negative leads from the batteries.
6. Remove the right and left front wheels.
7. Remove the right and left inner fender panels.
8. Loosen the (x3) nuts on the down-pipe to exhaust system junction.
9. If vehicle is equipped with aftermarket EGT gauge, remove probe and lay electrical lead safely out of the way
10. Remove the (x3) nuts on the downpipe turbo outlet and remove the down-pipe.
11. Remove the EGT, O2, and injector sensors from the down-pipe.



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12. Remove the V-band clamp on the down-pipe turbo outlet and remove the down-pipe.
13. Unplug the EGT sensor on the right side up-pipe.
14. Remove the (x6) bolts & (x2) nuts on the right side up pipe and remove up pipe.
15. Remove the (x8) bolts on the exhaust manifold and remove the right-side exhaust manifold.
16. Orient steering shaft so that the bolt is in the vertical position, then remove the steering shaft bolt and separate the steering shaft. Failure to properly orient the shaft/bolt will result in the inability to remove/install the bolt. (Do not rotate the steering shaft after separated).
17. Remove the (x3) remaining bolts on the left up pipe to exhaust manifold and the (x8) bolts on the left exhaust manifold and remove the left manifold. (Inspect factory gasket, if good set aside for later use).
18. Remove (x3) bolts on the left up-pipe, and remove up-pipe. (Inspect factory gasket if good set aside for later use).
19. Install the left-side aFe POWER header using bolts provided. (Keep the mounting hardware loose).
20. Install the left-side aFe POWER up-pipe using bolts provided. (keep the mounting hardware loose).
21. Reinstall the steering shaft and tighten.
22. Remove the nut on the fuel line mounting bracket on the transmission. Install the supplied bracket to the transmission using the original nut and the supplied nut and bolt on the bracket to fuel line and tighten. (This will move the fuel lines away from the left up-pipe).
23. Separate the fuel lines and install the sleeve heat protectors on the fuel lines.
24. Reinstall the fuel line connections.
25. Install the right-side aFe POWER header using bolts provided. (keep the mounting hardware loose).
26. Install the right-side aFe POWER up-pipe using OE bolts and (x3) nuts and bolts provided and the EGT sensor (header and up-pipe connection). Once lined up properly, tighten all (x8) bolts on the right-side aFe POWER header as well as the right-side up-pipe. (Make sure your gaskets are cleaned thoroughly before reusing).
27. Apply a light coat of Anti-Seize Lubricant to the aFe POWER down-pipe section before installing on vehicle.
28. Install aFe POWER down-pipe using the OE clamp and the nuts and bolts provided. Tighten clamp, nuts and bolts once properly positioned to turbo and exhaust system.
29. Install the EGT, O2, and injector sensors from the OE down-pipe and to the aFe POWER down-pipe.
30. Install the right and left inner fender panels.
31. Install the right and left front wheels.
32. Re-connect the negative battery leads.
33. Ensure that all the components of the aFe POWER header are aligned and are at a safe clearance from all wires, hoses, brake lines, body parts, and tires.
34. Remove vehicle from jacks stands.
35. It is recommended to re-tighten all clamps and hardware after 50-100 miles.