

**Parts Included:**

- P/N: 05-145448 S/A Down-pipe (x1)

**Hardware Included:**

- P/N: 05-46018 (x1) Plug, Threaded: M18
- P/N: 03-50598 (x1) Nut, M8-1.25 K-Nut

See Step 25

**EMISSIONS DISCLAIMER**

This product is EPA compliant, not for sale or use on vehicles certified for the state of California. Consult your state or local authority for any additional clarification. Replacement of catalytic converters (if equipped) is allowed only under the following conditions: 1) It is missing or stolen; 2) It is damaged or lead poisoned as determined by a state or local inspection facility; or 3) It is outside of the manufacturers warranty period (consult your owner's manual), if none stated, 5 years or 50,000 miles.

Professional installation is highly recommended. (Read instructions prior to installation). Make sure to always have at least (2) stands or jacks on hand to support the removal of OE system. Also for the installation of aFe system. Any Removal of rubber isolation mounts may require using a spray lubricant such as WD40 and a pry bar.

**1. (Read Instructions prior to installation)** for faster removal and installation of exhaust a trained professional is recommended for this procedure.

2. Lift front of vehicle with ramps or jack stands.
3. Remove engine cover.
4. Remove the air intake box and tube inlet.
5. Disconnect the battery and remove it.
6. Remove the battery tray.
7. Unplug the both O2 sensors.
8. Remove the primary O2 sensor.
9. Remove (x2) nuts securing the stock down-pipe to the turbo housing.
10. From under the vehicle. Remove the lower splash guard.
11. Remove the cross member.
12. Remove the driver side chassis bracket.
13. Remove the stock v-band clamp the secure the stock down pipe to the stock exhaust.
14. Remove the stock rubber isolator bracket.
15. Remove the nut and washer from brackets that secure the stock down pipe to the block and remove the mounting bracket.
16. Remove the stock down pipe.
17. Remove the stock gasket and install to the aFe down pipe.
18. Remove the secondary O2 sensor from the stock down pipe.
19. Install the aFe down pipe using stock nuts.
20. Install the stock rubber isolator bracket to the aFe down pipe
21. Re-install the mounting bracket using the hardware removed in step 15 to the aFe down pipe.
22. Re-install the cross member.
23. Re-install the driver side chassis bracket.

**Caution:** Allow time for your vehicle to cool down prior to installation. When working on or under your vehicle proceed with caution. Exhaust systems reach high temperatures and may cause serious burns. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation. **aFe recommends professional installation on our products.**

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24. Re-install the both O2 sensor.
25. Install provided plug or auxilliary sensor in location noted.
26. Connect the O2 sensors to the harness.
27. Re-install the stock v-band clamp.
28. Re-install the battery tray reconnect the battery.
29. Re-install the air intake box and tube inlet.
30. Re-install the lower splash guards.
31. Install engine cover.
32. Start the vehicle and check for any leaks.
33. Double check all work and ensure everything is tight Congratulations, your system is now complete and full
34. Your installation is now complete! It is recommended to re-tighten all clamps and bolts after 50-100 miles.

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