

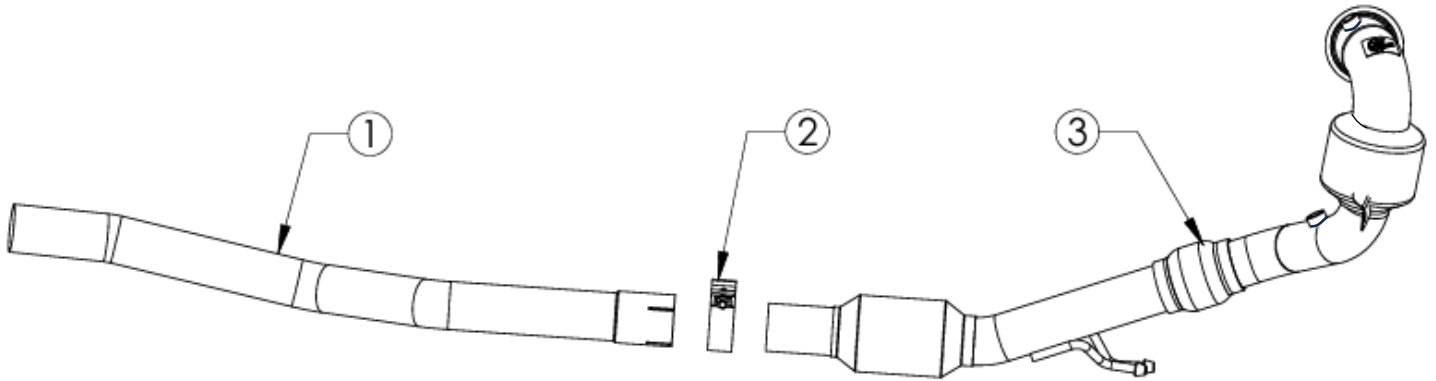


# INSTALLATION INSTRUCTIONS

CAT Direct Fit

47-46402

**MAKE:** Volkswagen  
**MODEL:** Audi S3 / VW Golf R  
**YEAR:** 14-20 / 15-19  
**ENGINE:** L4-2.0L (t)



<i>Item</i>	<i>Description</i>	<i>Part Number</i>	<i>Quantity</i>
1	S/A Mid-Pipe	05-245685	1
2	Clamp	05-41061	1
3	S/A DFC Downpipe	05-245684	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. **(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. Disconnect the negative battery terminal.
5. Remove the passenger side wheel.
6. Remove the V-band clamp securing the turbo exhaust housing to the downpipe using a 6mm hex key.
7. Unplug the O2 sensor from the wire harness.
8. Remove the CV axle heatshield using a ¼" 8mm hex key with a 16" extension and swivel.
9. Remove the driveshaft heatshield using a ¾" 16mm socket with a 16" extension and swivel.
10. Remove the top left driveshaft heatshield bolt using a ¾" 10mm 12-point socket and 16" extension.
11. Remove the (x3) remaining driveshaft bolts using a 10mm socket.
12. Remove the (x2) lower engine mount bolts using a 16mm socket.
13. Use a pry bar to leverage the engine forward, away from the driveshaft. Once separated, you can slide the driveshaft over to disconnect it completely and allow the engine to shift back.
14. Remove the (x2) 13mm nuts securing the stock down pipe to the support bracket.
15. Remove the 2 bolts securing the stock isolator bracket to the frame.
16. Loosen sleeve clamp connecting the downpipe to the exhaust system.
17. Remove the stock down pipe assembly.
18. Remove the O2 sensor from the stock down pipe and install it on the aFe POWER Catted Downpipe.
19. Remove the isolator bracket from the stock down pipe and install it onto the aFe POWER Catted Downpipe
20. Install aFe POWER Catted Downpipe to the turbo and the support bracket using the OE V-band clamp and (x2) nuts. Do not tighten fully.
21. Reconnect the driveshaft and secure with the (x3) stock 16mm bolts. Torque to 40 ft/lbs.  
NOTE: Make certain that the driveshaft is seated/aligned to the transmission prior to bolting it down.
22. Reinstall the stock heatshield using the stock 10mm 12 points socket and 16mm socket.
23. Secure the (x2) lower engine mount bolts using a 16mm socket torque to 53 ft/lbs.
24. Reinstall the CV axle heatshield using the stock 8mm hex key.
25. Install the mid-pipe onto aFe POWER catted down pipe using the supplied v-band clamp. Do not fully tighten.  
Note: Rotate until the Reduction Pipe is aligned to the stock exhaust system.
26. Slide the stock sleeve clamp over the aFe POWER Twisted Steel Downpipe and the stock exhaust system. Do not tighten.
27. Install the mounting bracket to the frame using the OE (x2) 13mm bolts and tighten.
28. Ensure that all the components of the aFe POWER Twisted Steel Downpipe are aligned and are at a safe clearance from all wires, hoses, brake lines, body parts, and tires
29. Start from the top of the aFe POWER Twisted Steel Downpipe and tighten all the hardware from front to rear.
30. Re-plug O2 sensor.
31. Re-install the passenger side wheel and torque to factory specs.
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.