



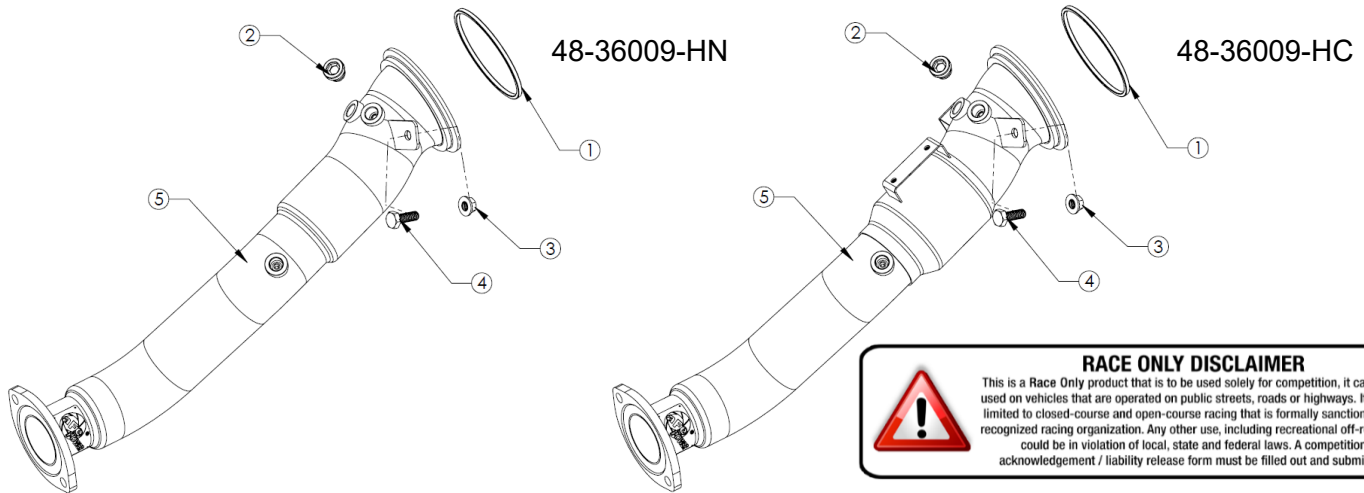
INSTALLATION INSTRUCTIONS

MAKE: Lexus
MODEL: RC/IS/GS200T/300
YEAR: 2016-2021
ENGINE: 2.0L (t)

Twisted Steel Downpipe

48-36009-HC (w/Cats)
48-36009-HN (Pipes Only)

NOTE: Must cut ear off OE Downpipe bracket.



Item	Description	Part Number	Quantity
1	O-Ring Crush Gasket	05-46419	1
2	Plug Threaded: M18x1.5	05-46018	1
3	Nut, Flg M10 x 1.5	03-50189	1
4	Screw, Flange Hd Cap: M10 x 1.5 x 30mm	03-50493	1
5	Downpipe Assembly (-HC)	05-145796	1
	Downpipe Assembly (-HN)	05-145797	

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. Secure the stock exhaust with jack/stands.
4. Loosen the (x2) 14mm spring loaded bolts on each OE Tail-Pipes.
5. Pry out the (x3) hanger rods from the OE isolation mounts on each of the OE Tail-Pipes and remove the Tail-pipes.
6. Remove the OE Tail-Pipes.
7. Loosen the (x2) 14mm nuts and bolts on the OE Mid-Pipe.
8. Move the OE Mid-Pipe out of the way, does not need to be completely removed.
9. Loosen the (x4) 14mm bolts and (x1) 12mm plastic nut on the engine subframe brace.
10. Remove engine subframe.
11. Loosen the (x4) 10mm screws securing the OE rear splash guard to the subframe.
12. Remove the OE splash guard.
13. Loosen the (x2) 14mm bolts on the OE lower downpipe brace.
14. Remove the OE lower downpipe brace.
15. Open the hood and remove the OE engine cover.
16. Loosen the (x2) 10mm bolts and (x2) 12mm bolts on the OE intercooler tube heatshield.
17. Unclip the engine breather hose from the OE intercooler tube cover and remove OE intercooler tube cover.
18. Loosen the (x2) 10mm nuts on the 2-bolt flange that connects to the turbo.
19. Loosen the (x2) worm gear clamps on the OE intercooler tube.
20. Lift the OE intercooler tube slightly and remove the (x3) 10mm bolts securing the aluminum 2-bolt flange to the plastic intercooler tube.
21. Remove the OE intercooler tube.
22. Remove the (x2) valve cover breather tubes using pliers to pinch the OE clamps free of the tubes.
23. Using a O2-sensor wrench or socket remove the front O2 sensor and unplug the O2 sensor from the harness.
24. Loosen the (x8) 10mm bolts on the OE Downpipe heatshield.
25. Carefully remove the heatshield without damaging any nearby wires and hoses.
26. Using a O2-senor wrench or socket remove the rear O2-sensor and unplug from the harness.
27. Loosen the (x1) 14mm nut from the front OE Downpipe support.
28. Remove the stud from the OE Downpipe using an E8 Inverted Torx socket.
29. Loosen the (x1) 12mm nut on the OE V-Band clamp and remove the OE Downpipe from underneath the car.
30. Loosen the (x1) 14mm nut securing the OE Downpipe support to the engine block.
31. Using a cut off wheel or Dremel cut off the ear of the front OE Downpipe support where marked in **figure 2**.
32. Deburr the cut end with a file to prevent any injury during installation. **See reference image 3.**
33. Install the provided OE Downpipe gasket onto the aFe POWER Downpipe.
34. Install the aFe POWER Downpipe using the OE V-Band clamp.
35. Install the modified OE Downpipe support using the (x1) 14mm nut and the provided hardware to secure the support to the aFe POWER Downpipe.
36. Re-use the OE 2-bolt gasket and install the OE Mid-Pipe.
37. Install the OE lower downpipe brace using the OE (x2) 14mm bolts.
38. Install the Driver and Passenger Side Tail-Pipes using the (x2) 14mm spring loaded bolts on each side
39. Slide the OE Driver and Passenger Side Tail-Pipe hanger rods on to the OE isolation mounts.



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40. Install the upper and lower OE heatshield using the (x8) OE 10mm bolts
41. Install the lower and upper OE O2-sensors and plug into harness.
42. Install the OE intercooler tube using the (x2) 12mm nuts for the 2-bolt flange, and the (x2) worm gear clamps for the silicone coupler.
43. Install the intercooler heatshield using the (x2) 12mm bolts and (x2) 10mm bolts.
44. Install the (x2) engine breather hoses and clip back into the OE intercooler heatshield.
45. Install the engine cover by popping the snap in plugs into place.
46. Ensure that all the components of the aFe POWER Downpipe are aligned and are at a safe clearance from all wires, hoses, brake lines, body parts, and tires.
47. Start from the front of the aFe POWER Downpipe and evenly tighten all clamps and fasteners.
48. Start the vehicle and check for any leaks. If any leaks are found, determine cause and repair as necessary.
49. Remove vehicle from jacks stands.
50. It is recommended to re-tighten all clamps and hardware after 50-100 miles.