

Carven Exhaust Competitor Series Direct Replacement Muffler W/ 5 in. Black Tips (09-18 5.7L Ram 1500W/ Factory Dual Exhaust)

List of Tools:

Safety glasses Wheel chocks 13MM Deep well socket 15MM Deep well socket Channel Locks
3" Extension 3/8 Drive Ratchet Penetrating oil 2 Microfiber Rags



Removal Process:

1. Engage emergency brake and put transmission in gear: Automatic Park.
2. Place wheel chocks in front of each wheel.
3. Place (2) microfiber rags in between both exhaust tips and bumper to prevent from scratching the bumper.



4. Spray penetrating oil on the (3) 15mm nuts on muffler & (2) 13mm bolts on exhaust tips and rubber hangers on muffler.
5. Locate (3) 15mm exhaust clamps in front and rear of muffler and loosen nuts.



6. Remove (3) exhaust hangers at tail pipe sections to muffler and carefully remove each tail section out of muffler.





7. Remove (2) exhaust hangers from muffler using channel locks and remove muffler from mid-pipe.

Note: Be careful and do not forget to remove ground strap from muffler exhaust hanger to body exhaust hanger.

Installation Process:

1. Obtain muffler from box, transfer exhaust hangers and ground strap from old muffler to new muffler.

2. Install provided exhaust clamp on new muffler before installing on vehicle.



3. Apply a small amount of penetrating oil on exhaust hanger hole – install new muffler into mid-pipe and exhaust hangers. Let drive side exhaust hanger off for easier tailpipe adjustments. Leave clamp at mid-pipe loose for tail pipe alignment later in the install.



4. Apply a small amount of penetrating oil to the (3) exhaust hangers for tail pipes – Reinstall them into the new muffler.
5. Align tail pipes, make adjustments as needed. Tighten exhaust clamps on muffler using 15mm socket.



Tip Instalation:

1. Apply penetrating oil to (2) exhaust clamps and loosen (2) 13mm bolts. Remove factory exhaust tips.



2. Obtain new exhaust tips with provided clamps.
3. Carefully install tips into tail section on each side, be sure they are snug.



4. Tighten (2) 13mm nut.
5. Be sure all hardware is tightened.