



Jeep

Grand Cherokee SRT
Cat-Back System
Installation Guide



XFORCE RECOMMENDS AN AUTHORISED PROFESSIONAL TO INSTALL ALL PRODUCTS

XFORCE PRODUCTS ARE DESIGNED FOR RACE/OFF-ROAD USE ONLY

XFORCE takes pride in its product, and we are dedicated to providing you with a dealer network who can offer you the right advice and information when it comes to your XForce exhaust system or product. Find your local Dealer/Fitter using the link below.

<https://xforce.com.au/find-a-dealer/>

WARNING: When working on any vehicle exercise extreme caution!

Before working on any vehicle, please exercise the following cautions:

- Please allow the vehicles exhaust to be cool enough to the touch before removal! Failing to do so may result in severe burns!
- If working on a hoist, refer to the vehicles owner's manual to check correct lifting specifications!
- Always wear safety glasses, protective equipment (gloves, clothing, etc.) & ensure your working in a safe environment.

Serious injury or death can occur if the correct safety measure ARE NOT FOLLOWED!!

ATTENTION: Please read instructions carefully. XFORCE will only warrant manufacturing faults. This does not extend to damage or breakage due to incorrect fitment. See website for more information!

<https://xforce.com.au/warranty/>



Parts List

- ESJC13CS (2.5" VAREX Cat-Back System)
 - 1x ES-JC13-C1L – LHS Resonator Section
 - 1x ES-JC13-C1R – RHS Resonator Section
 - 1x ES-JC13-C2 – Centre Section
 - 1x ES-JC13-RL – LHS Rear Muffler w/ Drone Canister
 - 1x ES-JC13-RR – RHS Rear Muffler w/ Drone Canister
 - 2x ES-HV15-TIP – 4" Polished Tips
 - 2x Gaskets
 - 4x 3" Slip-Joint Clamps
 - 1x VAREX Control Box
 - 1x VAREX Single Muffler Wiring Kit
 - 2x VAREX Remotes

Tools & Equipment Required

1. Spanners & Sockets
 - 10mm, 12mm, 14mm, 15mm & 16mm
2. 3/8" Ratchet
3. ½" Tension Wrench w/ 14 mm Deep Socket
 - Set to 80 Foot Pounds
4. Extension Bar
5. Pry Bar or Exhaust Hanger Removal Pliers
6. Can of Spray Lubricant
7. O2 Sensor Safe Sealant (Permatex recommended)
8. Rags for Excess Sealant
9. Safety Glasses or Goggles
10. Protective Gloves
11. Safety Boots

READ NOTES ON PAGE 11 FOR TIPS TO INSTALL THE SYSTEM!!



Important Step:

If installing XFORCE Headers & Cats as well as our XFORCE Cat Back System (See instruction manual on our website), we would recommend installing the Headers & Cats first then installing the Cat-Back System before tightening everything from rear to the front of the vehicle.



Go to page 11 for installation notes.



Step 1:

XFORCE Recommends using a hoist for installation of our systems.

Raise vehicle on a 2/4 post hoist making sure the hoist arms are in the correct lifting positions (as per the owner's manual) and that yourself or any other persons are underneath the vehicle while the hoist is in motion.

Once the vehicle is at a workable height, engage the hoist safety locks!





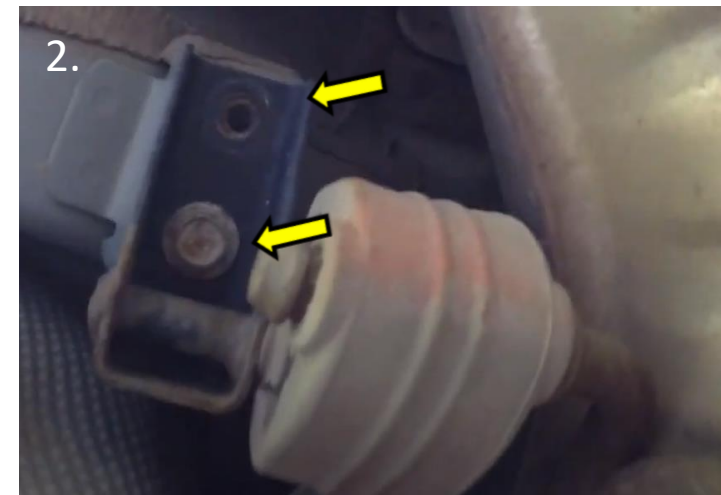
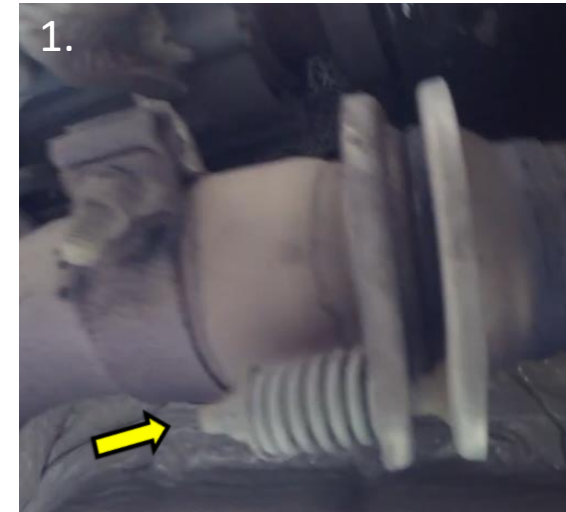
Step 2:

Unbolt 2x sprung bolts from each cat flange (1) then remove.

Unbolt the 2x hanger brackets (2) from each side of the factory center muffler then support the center section with a hoist stand.

Now remove the rear section of the factory system from the rubber hangers & remove system from vehicle.

NOTE: The factory cat-back system is all one piece so you may need help of a second person to remove this system.

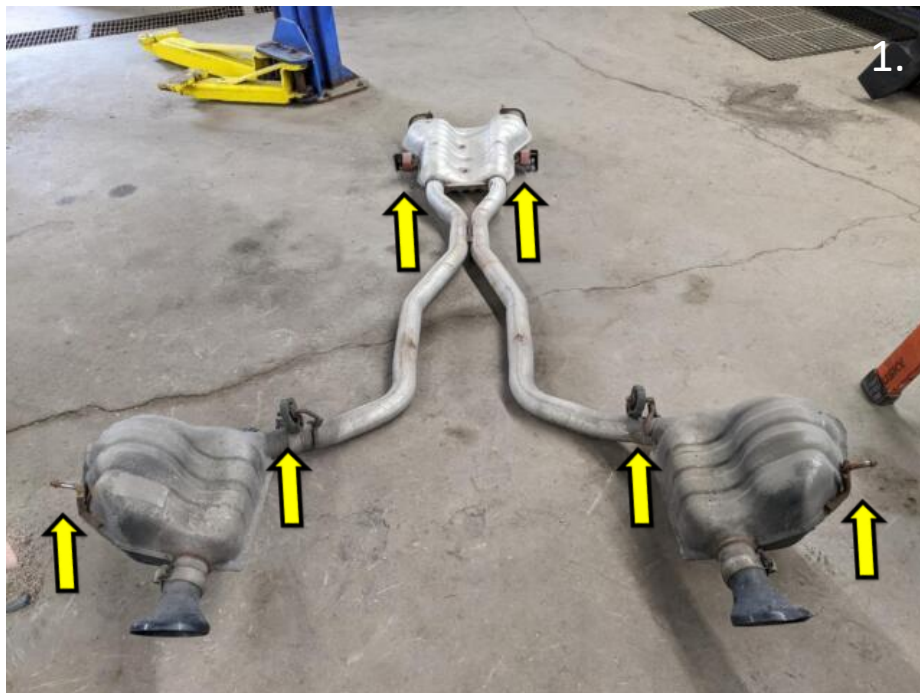




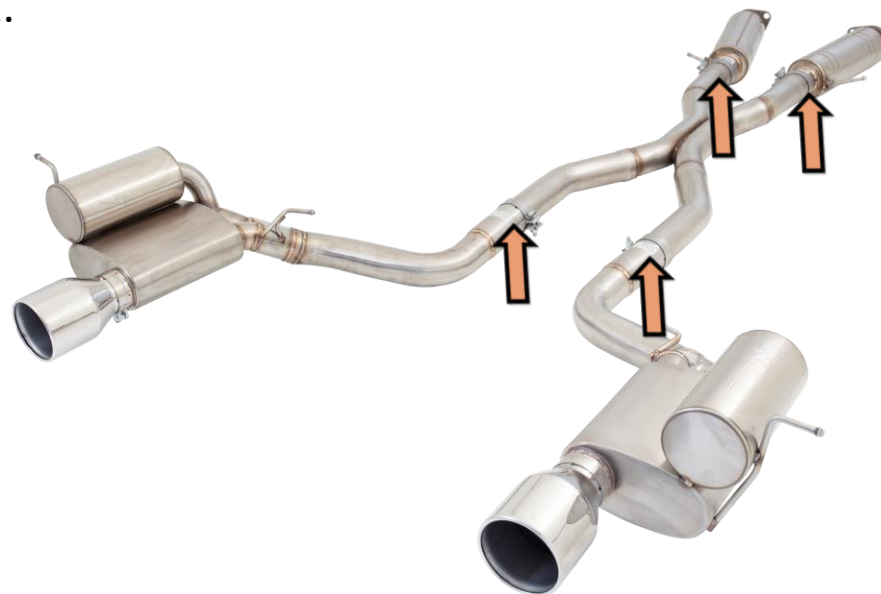
Step 3:

Transfer the below rubber hanger & brackets from the old system over to the hangers on the new system ready to be fitted to the vehicle (1).

Install the slip-joint clamps (2) to the below positions ready to be installed on the vehicle (make sure bolts are facing downwards for easy access).



2.





Step 4:

In the following order, leave firm but DO NOT TIGHTEN!

1. Slide the rear mufflers (ES-JCV13-RL/RR) onto the factory hangers.
2. On a bench, slide each resonator section (ES-JC13-C1L/C1R) onto the center section (ES-JC13-C2) making sure to check orientation of the flange position compared to flange position on the vehicle and checking the left & right sections are on the correct side of the centre section.
3. Now slide this completed section onto the mufflers then bolt the hangers to the vehicle. Now the resonators can be bolted to the cat pipes using the gaskets & bolts provided with the kit.
4. Slide the 4" tips (ES-HV15-TIP) onto the mufflers.

XFORCE recommends using O2 Safe Sealant on all gaskets & slip on surfaces!

Diff Pipes & Mufflers



Centre Section w/ Resonators





Step 5:

Use a stand to lift under the slip-joint for the center section & the diff pipes then raise the exhaust until your have centered the pipe between the resonator & the tail shaft.

Check positioning of exhaust & make sure it doesn't hit anywhere that may cause damage or rattle against any part of the vehicle. Also, check tip alignment with the bumper. **If the tips are crooked, you may have the center section bolted upside down.**

Once you are satisfied with positioning, tighten from the rear mufflers forward making sure the alignment is consistent. Remove any hoist stands if used.

Tighten Slip-Joint Clamps to 80 ft/lbs!

Start your car, check for any leaks & enjoy your new XFORCE Performance Exhaust!





Step 6:

Drive vehicle for 10-15mins, testing the Varex valve control (if installed). Return to step 4, retention all nut & bolts and enjoy the driving experience your new XForce System provides.



GO TO PAGE 11 for Varex Installation



NOTES:

- When you first start your vehicle after install of your new XFORCE Performance Exhaust System, they may be some smoke or fumes coming from the system. This is a protective oil-based coating used in the manufacturing of the system. This is not a problem & will disappear within a very short period after the exhaust has reached normal operating temperature.
- When trying to install gaskets with flanges, install one bolt on the flange & hang the gasket on the bolt then feed the other part on.
- When placing slip on clamps into the system, make sure you can access the 14mm nuts to tighten the clamp.
- Muffler hangers do have some adjustment when installing, make sure you are happy with tip placement before tightening bolts up.
 - Use lubricant to make removing & installing rubber on the hangers easier.
 - **Do not use power tools to tighten slip-joint clamps!!**

