

## Installation Guide: JEEP GRAND CHEROKEE SRT-8 WK2-THUNDER-RES CAT BACK EXHAUST KIT

**Warning:** *When Working on under or around any vehicle exercise caution. Please allow the vehicle's exhaust system to cool before removal, as exhaust system temperatures may cause severe burns. If working without a lift, always consult vehicle manual for correct lifting specifications. Always wear safety glasses and ensure safe work area. Serious injury or death could occur if safety measures are not followed. Professional installation recommended.*

### Removing the Stock Exhaust System

- 1) Remove rear stock exhaust tips and save for reuse. Use a 13mm socket to loosen the bolt and carefully remove the tip. The stock collar must be reused as well and you can rock the collar back and forth to break the tack weld. Sometimes you may need to cut or score the tack weld with a hacksaw or grinder to be able to break it free.
- 2) Sawzall both rear muffler assemblies on the front side of the muffler but behind or on the rear side of the rubber hanger. The mufflers are now being held on by the rear high rubber hanger.



- 3) Pull down on the rear high rubber hanger and lubricate it where the steel muffler hanger goes through. (Note: Soapy water does not hurt the rubber like WD40 could) A large set of channel lock pliers to squeeze the hanger out of the rubber is recommended.
  - 4) Carefully remove the two rear muffler assemblies.
  - 5) Support at the rear of the heavy remaining exhaust system.
  - 6) Remove the stock hanger assembly from the mid "suitcase muffler" using a 13mm socket ( 2 bolts per side ) and save the hanger assembly and bolts for reuse.
  - 7) Squirt lubricant into the rear rubber hanger assembly as it will be removed soon.
  - 8) Undo the flanged connection spring bolts with a 13mm socket and carefully remove from the back rubber hangers.
  - 9) The stock exhaust system is now disassembled and its time to put your new Solo kit on!
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## Installing Your New SOLO Exhaust System

**Note:** *If you snug everything first instead of fully tightening, it will allow for movement and adjustments once the new system is on. Snug, align, snug some more and then do your final tighten.*

- 1) Reinstall the mid stock hanger assemblies with a 13mm socket (2 bolts per side.)
- 2) Slide the front H-Pipe / resonator assembly into the two front rubber hangers and attach the flanges with the Solo provided nuts, bolts and washers. Finger tighten only.
- 3) At this point the front section is loose and still has some manipulation room.
- 4) Slide each angled resonator section into the rubber hanger and then connect to the h-pipe section by pulling back and sliding over till the connection bottoms out.
- 5) Install the 3" band clamps as shown (equal distant over each layer of pipe) and lightly snug the flanged connection and band clamps so they are snug but still have movement.

**SOLO clamps:** *Hold the top nut with a 9/16" wrench and lightly snug the bottom bolt head with a 9/16 socket.*

**THIS FLAT BAND CLAMP WILL FORM AROUND EACH LAYER OF PIPE**



6) Slide on the solo provided SAS (thinner) band clamps onto the rear of the angled resonator section and install the rear J-Pipe assembly into the rubber hanger and onto the angled resonator assembly.

7) NOTE: The rear pipes are not centered with the valence outlet hole on purpose. They are slightly toward the center on both sides. The tips fit the contour of the bumper better this way. If they were exactly centered the tip would be "off" compared to the bumper contour.



- 8) Install both stock tips with stock collar and finger tighten the bolt or lightly snug.
- 9) Line up the stock tips perfectly and snug the sas thinner clamp and the stock tip collar.
- 10) Recheck all clearances throughout the system and double check the tips and then give everything front to back a light tighten. Recheck that nothing has moved and then give a harder tighten.
- 11) Check again and give it a final tighten. Don't forget to tighten the J-Pipe endcap clamp as well.
- 12) The reason we recommend this tightening process is so that things don't "pull" out of position as they can do is you do a full tighten all at once.
- 18) Make sure that you do a final tighten on all four J-pipe band clamps. They only come snug from Solo.

Drive away and... Enjoy Going Solo!

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**For any questions or concerns, please do not hesitate to call:**

[Back to Top](#)

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