

SJJ21R
2007-13 Jeep Wrangler 2/4 Door HGC
Stainless Steel Cat-Back Exhaust System



Pypes Performance Exhaust
2705 Clemens Road Suite B103 Hatfield, PA 19440
800-421-3890 (voice) 267-638-3507 (fax)
www.pypesexhaust.com

Thanks again for purchasing your new stainless steel Pypes Performance Exhaust Jeep JK High Ground Clearance cat back system. Please be sure to confirm all the components in the kit were received before you begin the installation. If you find a component missing, please call our office at 800-421-3890 for replacements. For a quicker and tighter installation the use of air tools is recommended. Technical assistance is available both on line at www.pypesexhaust.com or at 800-421-3890.

PART LIST	TOOLS REQUIRED
(A) 1- TJJ21 tail pipe	<input type="checkbox"/> 2 pair of jack stands or lift
(B) 1- MVR200S muffler	<input type="checkbox"/> 15mm socket or wrench
(C) 1- MJJ21 mid pipe	<input type="checkbox"/> Penetrating Oil
(D) 1- HJJ010 hanger clamp	<input type="checkbox"/> Measuring Tape
(E) 3- HVC21 band clamps	<input type="checkbox"/> Sawsall or Hack Saw



PLEASE TRY TO INSTALL OUR WAY FIRST

- 1** Begin by placing the vehicle on a lift or 4 jack stands if needed so you can work safely under the vehicle.
- 2** Unbolt the factory muffler using the 15mm socket and remove the muffler from the vehicle. To aid in the removal presoak the bolt and nut as well as the rubber bushings.
- 3** Next presoak and using the 15mm socket loosen the clamp at the end of the factory down pipe and remove the factory midpipe. Save all the rubber hanger bushings as they will be reused.
- 4** Now it is time to start installing your new cat back system. Begin by installing the new tail pipe reusing the factory mount locations and rubber hanger bushings.
- 5** Install the M-80 muffler using 2 of the HVC21 clamps. **DO NOT TIGHTEN AT THIS TIME.**
- 6** The mid-pipe is next. We left extra length on this pipe for your convenience. Carefully measure from the end of the factory down pipe to the muffler adding enough to account for the mid-pipe slipping over the factory down pipe and into the muffler so not to cause a leak. Four door owners only slight trimming may be needed. Two door owners will cut significantly more off. Remember Measure three times and cut once.
- 7** Once you have trimmed or cut the midpipe to length install it along with the third HVC21 Clamp and the HJJ010 hanger clamp. Note not all vehicles will use the HJJ010 hanger clamp. It is designed as extra support for the midpipe and installs at the hanger location just behind the factory midpipe. If this clamp interferes with your transfer case **DO NOT USE THE Clamp.**
- 8** Now that you have all the components loosely installed you can start making adjustments to align the system. Once you are happy with the alignment tighten all the clamps. Air tools for this step are highly recommended.
- 9** Lastly start your vehicle and check for leaks. It is not uncommon to see condensation coming from the relief cuts in the pipe for the first few hundred miles. Double check all clamps for tightness after the first week of driving.

Now it's time to fire up that Wrangler and enjoy your
new Pypes Performance Exhaust.