

# SJJ21R

## 2007-18 Jeep Wrangler 2/4 Door HGC

### Stainless Steel Cat-Back Exhaust System

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 components in the kit were received before beginning 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 online at [www.pypesexhaust.com](http://www.pypesexhaust.com) or at 800-421-3890



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#### Parts List

- (A) 1- TJJ21 Tail Pipe
- (B) 1- MVR200S Muffler
- (C) 1- MJJ31 Mid Pipe
- (D) 1- HJJ010 Hanger Clamp
- (E) 3- HVC21 Band Clamps
- 2- HVH60R Isolators

#### Tools Required

- 2 pair of jack stands or lift
- 15mm socket or wrench
- penetrating oil
- measuring tape
- 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 mid pipe. Save all the rubber bushings as they will be re-used, unless your Jeep has spacer blocks lowering the rear sway bar. If so, use the supplied HVH60R isolators.
4. Now it's time to start installing your new cat back system. Begin by installing the new tail pipe, re-using 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 mid pipe 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 mid pipe and installs at the hanger location just behind the factory mid pipe. 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 hundred miles. Double check all clamps for tightness after the first week of driving.

**Note:** When tightening the HVC21/24/25/26 bands clamps, make the I-block in the center of the clamp is against the head of the bolt. Failure to so will result in the clamp nut tightening properly or the I-block to break.

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