



# **2015 + DODGE CHARGER / CHALLENGER HELLCAT / SRT Exhaust Installation Instructions**



**Thank you for your purchase, we appreciate your business.  
If additional assistance is needed, please contact Kooks Headers and Exhaust  
Toll free at 1-866-586-KOOK or contact your local dealer.**

**Do not attempt this installation if proper safety equipment isn't available to  
you - seek the assistance of a professional installer.**



**Read and understand all instructions before beginning.**

**To install this system, the following tools are suggested:**

- Vehicle Lift or Jack and 4 Jack Stands
- Engine Cradle
- Ratchet Set ( $\frac{1}{4}$ " &  $\frac{3}{8}$ " Drive)
- Metric Socket Set ( $\frac{1}{4}$ " &  $\frac{3}{8}$ " Drive)
- Extensions ( $\frac{1}{4}$ " &  $\frac{3}{8}$ " Drive)
- Pry Bar Set
- $\frac{7}{8}$ " O<sub>2</sub> Socket ( $\frac{7}{8}$ " Wrench)
- T-40 Torx Bit
- Gasket Scraper
- Exhaust Tubing Cutter or Saw
- Metric Wrench Set
- Standard Screwdriver Set
- Safety Glasses
- Paint Pen (Marker)
- Service Manual
- Thread Locker
- Anti-seize
- Zip Ties
- WD-40 (Penetrating Oil)

**Vehicle Preparation**

**\*\*Raise and Support Vehicle (Refer to Owner's Manual for specified jacking points) \*\***

**\*Always disconnect the battery before performing this type of work on any vehicle\***



## FACTORY EXHAUST REMOVAL

### Note:

- Refer to Kooks Header installation instructions for removal of OEM manifolds & catalytic converters if installing Kooks Headers as well.

#### STEP 1. Battery

- Disconnect the battery if not already done.

#### STEP 2. Exhaust Valve Actuators

- Disconnect the weather-pack connector for each of the (2) exhaust valve actuators located on the muffler assemblies.

#### STEP 3. Factory Exhaust

- Refer to Kooks header installation instructions for removal of the OEM manifolds and catalytic converters.
- With the OEM catalytic converters removed, the exhaust can be removed in one section.
- Support the front portion of the exhaust near the x-pipe, locate the forward exhaust hanger mounts (directly under the rear axle) and remove the bolts that attach them to the chassis. Keep track of these for later.
- Once the forward exhaust mounts are unbolted, support the rear of the exhaust and remove the rear hanger mounting bolts – (2) per mount. Keep track of these for later.
- The exhaust system can now be dropped out from underneath the car in a single section.
- With the exhaust out from under the car, remove the exhaust valve actuator motors and spring couplers. **NOTE: observe the installed orientation of the spring couplers. These will be reinstalled on the Kooks exhaust.**
- Before removing the (4) exhaust isolator brackets from the hangers, mark each of them to note their location. These will be placed on the Kooks exhaust during installation.

## KOOKS EXHAUST INSTALLATION

**\*\*All hardware should be tightened to factory specifications\*\***

#### STEP 1. Kooks X-Pipe

- Slide a supplied 3” band clamp over both inlets of the X-pipe assembly; the bolts should be pointing down and to the front/inside.
- Note orientation of X-Pipe: The Resonator/Bullet Mufflers should be towards the rear of the car. There is not a top or bottom orientation for this section.
- With some means of support ready, raise X-Pipe assembly into place and slip over outlet of the OEM or Kooks connection pipe. Hold X-Pipe in position.

#### STEP 2. Kooks Mid-Pipes

- On each of the Mid pipes, slide a 3” band clamp over the expanded end.
- Install the Mid-Pipes on the left side exhaust, and on the right side. When installed correctly, the hangers will be up and towards the outside of the car.



### STEP 3. Kooks Muffler Section

- On each of the Muffler Sections, slide a 3” band clamp over the expanded end.
- Install the Muffler Section on the left side exhaust, and on the right side. When installed correctly, the hangers will be up and towards the outside of the car.

### STEP 4. Mounting Actuator motors

- Reusing the factory spring couplers, install the exhaust actuators onto the Kooks Acuator Bracket Assemblies.
- Install the spring couplers first, in the same orientation as they were removed from the OEM exhaust. The hooked end of the coupler must be positioned between the two roll-pin locators on the actuator mount for it to function as required (and not set off a check engine light).
- Once in position, fasten each actuator with the supplied 10-32 X 3/4” machine screws.



### STEP 5. Tightening Exhaust

- Once all of the exhaust components are installed, adjust their position:
  - Ensure all slip-joints are seated past the notches.
  - Ensure fitment clearance is maximized.
  - Ensure barrel clamps are positioned correctly at OEM exhaust connection joint.
- Working from front to back, tighten connection hardware and clamps to spec.

### STEP 6. Battery and Battery Tray

- Reinstall Inner Panel and Tighten Bolts.
- Align the Battery Tray and Tighten Bolts.
- Replace the Battery and Battery Hold Down Strap.
- Connect the Positive Battery Cable.
- Assure all steps have been completed and connect the negative Battery Cable.

### STEP 7. Inspection

- Start Engine and check for any Exhaust Leaks.
- Allow Vehicle to complete one heat cycle (Heat to temp and allow for cooling).
- Re-torque Hardware.