

# **2016+ CHEVROLET CAMARO SS** Axle Back Exhaust Installation Instructions

Muffler / No-Muffler Dual Tip / Quad tip Polished Tips / Black Tips



Thank you for your purchase, we appreciate your business. If additional assistance is needed, please contact Kooks Custom Headers 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
-Ratchet Set (<sup>1</sup>/<sub>4</sub>" & <sup>3</sup>/<sub>8</sub>" Drive)
-Metric Socket Set (<sup>1</sup>/<sub>4</sub>" & <sup>3</sup>/<sub>8</sub>" Drive)
-Extensions (<sup>1</sup>/<sub>4</sub>" & <sup>3</sup>/<sub>8</sub>" Drive)
- Pry Bar Set
-<sup>7</sup>/<sub>8</sub>" O<sup>2</sup> Socket (<sup>7</sup>/<sub>8</sub>" Wrench)
-Gasket Scraper
-Metric Wrench Set
- Exhaust Hanger Pliers (or groove joint pliers)

-Standard Screwdriver Set -Safety Glasses -Paint Pen or Marker -Vehicle Service Manual -Thread Locker -WD-40 (Penetrating Oil) -Anti-seize -Zip Ties

#### **Vehicle Preparation**

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

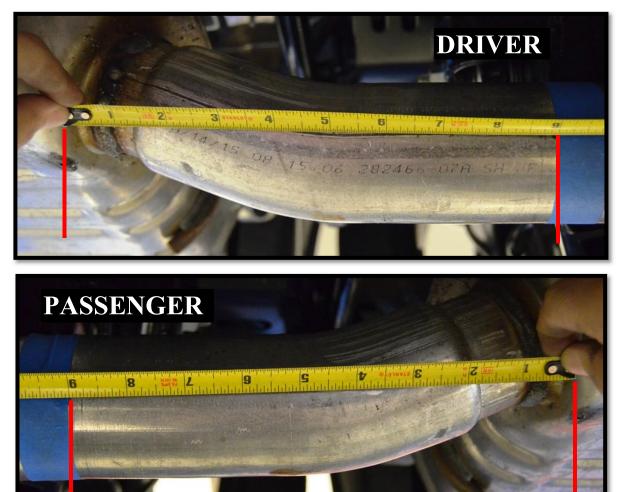
\*Always disconnect the battery before performing this type of work on any vehicle\*



# STOCK AXLE BACK REMOVAL

#### STEP 1. Measuring/Marking Cut Location

- Using the reference pictures below, carefully measure the location of the cut lines on each exhaust pipe ahead of the muffler body. <u>It is advised to use tape or some other means to mark each pipe completely to ensure a square cut.</u>
- Measure 9" forward from front face of muffler body on each tube, along centerline of the tube (see pictures).
- Once marked, cut pipes.





**STEP 2.** Exhaust Valve Actuator Removal

- Disconnect the weather-pack connector for each of the (2) tip-mounted exhaust valve actuators (pictured below)
- Remove the actuators; these will not be reconnected. Use zip-ties to secure the connectors away from obstructions.



**STEP 3.** Factory Muffler removal

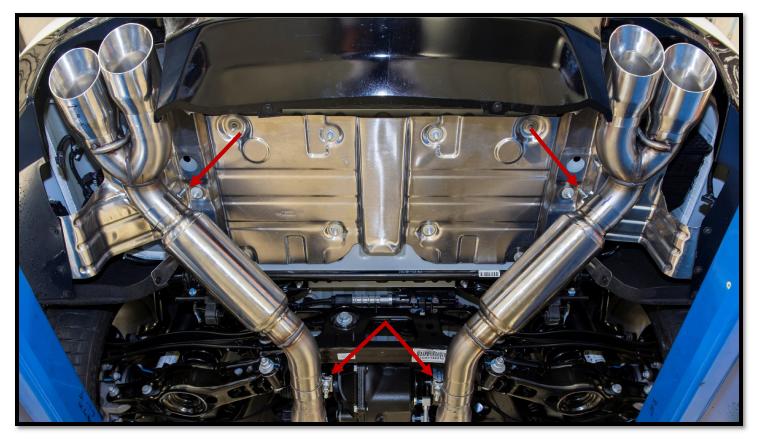
- While supporting the weight of the muffler, use the pliers to remove the rubber exhaust insulators from the muffler hangers on one side of the assembly, then the other side.
- Unbolt the tip hanger mounts & mark them; these will be reinstalled with Kooks exhaust.
- Carefully remove the muffler assembly.



## KOOKS AXLE BACK INSTALLATION

#### **STEP 1.** Kooks Axle Back

- Slip (2) of the provided 2.75" band clamps over the factory exhaust tubes with the bolts down and to the **inside**; do not tighten.
- Install the Kooks Axle-Back exhaust assemblies onto the factory tubes. <u>Note: the OEM muffler</u> inlet hanger mounts will not be reused.
- Before installing the tips, slide the OEM tip hanger mounts on their respective tip hanger.
- Slide (2) band clamps onto the outlet of the mufflers, bolt heads down and to the **inside**. Install the tip assemblies into the muffler outlets and position the OEM hanger mounts in place.
- Reattach the OEM hanger mounts to the car body; torque to OEM spec.



#### STEP 2. Exhaust Alignment

- Align the exhaust clear of all obstructions and position tips where desired.
- Tighten all clamps to 40-45 ft-lb.

#### STEP 3. 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 clamps.