PACKAGE CONTENTS:

- Instruction Sheet
- Pipe, Over-Axle, LH
- Pipe, Over-Axle, RH
- Muffler, LH
- Muffler, RH
- Tip Assembly, Double-D
- Clamps, Tip Inlet (2)

TOOLS REQUIRED:

- Torque Wrench
- 3/8” Drive Socket Set
- 1/2” Drive Socket Set
- Metric Wrench Set
READ THIS FIRST

Review the entire instruction manual before proceeding with the installation. If any of these steps are not clear, please call (860) 434-9002 or e-mail us at techinfo@callawaycars.com for further explanation.

A working knowledge of the C5 Corvette is assumed as well as good mechanical practices. When checking the kit contents against the packing slip, make sure that no parts were damaged during shipping.

This installation involves raising the vehicle to gain access to the exhaust system. Whenever the car is lifted, be sure to use suitable jack stands or a locking vehicle lift to support your car’s weight.

If any of these instructions are unclear, call Callaway Technical Service at (860) 434-9002 for assistance.

REMOVE STOCK H-PIPE (cont.)

1. Slide the H-pipe back to clear the catalytic converters.
2. Rotate the H-pipe down, twisting the pipe to remove it from the over-axle pipes.
3. Use caution to avoid damaging the transmission fluid temperature sensor (manual transmission only).

REMOVE STOCK MUFFLERS AND OVER-AXLE PIPES

A) Remove the muffler and over-axle pipe assemblies as follows: Slide the LH muffler out of the rubber hangers.

B) Rotate the LH muffler down to allow the over-axle pipe to clear the differential and remove the assembly from the vehicle.

C) Repeat for the RH assembly.

INSTALL H-PIPE

A) Check to see that the catalytic converter flanges are level to one another and adjust as necessary.

B) Make sure that the exhaust gaskets are seated correctly and are undamaged, correct as necessary.

C) Install the H-pipe flanges to the studs on the catalytic converter pipes.

D) Start the four (4) 15mm nuts to the catalytic converter flanges. Do not tighten yet.

E) Start the two (2) 13mm nuts to the hangers at the rear of the H-pipe. Do not tighten yet.
3 INSTALL H-PIPE (cont.)
A) Tighten the four (4) 15mm nuts at the catalytic converter flanges evenly.

B) The H-pipe should be parallel to the driveshaft tunnel on both sides, adjust as necessary.

C) Tighten the two (2) 13mm nuts at the rear hanger of the H-pipe.

4 INSTALL OVER-AXLE PIPES
The LH over-axle pipe is the straighter of the two pipes. The RH over-axle pipe has two more bends than the LH.

A) Install the LH over-axle pipe into the H-pipe up to the insertion mark on the over-axle pipe.

B) Adjust the LH over-axle pipe for clearance to the frame rail and the differential.

C) Install the RH over-axle pipe into the H-pipe up to the insertion mark on the over-axle pipe.

D) Adjust the RH over-axle pipe for clearance to the frame rail and the differential.

E) Snug the clamps just enough to give the pipes traction in the H-pipe, they will need to be adjusted later.

5 INSTALL MUFFLERS (cont.)
A) Install RH muffler onto the over-axle pipe to the insertion mark.

B) Install the RH muffler mounting studs onto the OE rubber hangers.

C) Adjust depth of muffler to be approximately 3/4” away from the rear of the cradle. See photo below.

D) Snug the clamp* on the RH muffler to give the muffler traction to the over-axle pipe.

E) Adjust mufflers to be parallel to each other.

*TECH TIP: This clamp can be reached more easily with a long extension and a swivel socket through the round “access holes” shown in the photo below, located near the outboard edge of the cradle.
6 INSTALL TIP ASSEMBLY

A) Place the two (2) clamps onto the tip assembly with the fasteners facing inward as shown in the photo below.

B) Install the tip assembly onto the mufflers.

C) The mufflers may need to be adjusted slightly to engage the tip assembly onto the muffler outlets, align as required.

D) Install the tip assembly onto the mufflers until the outside edges of the tip are approximately 1/4” in from the radius of the body line, as viewed from the bottom. Shown in the photo below.

7 FINAL ADJUSTMENTS

A) Make sure the over-axle pipes have sufficient clearance to the frame rails and differential. Adjust, if required.

B) Make sure there is a minimum 3/4” clearance between the mufflers and the cradle. Adjust, if required.

C) Make sure the mufflers are even with each other and parallel. Adjust, if required.

D) Inspect the tip assembly install depth to the body line.

E) Inspect that the tip assembly is parallel to the body line as viewed from the rear of the car.

F) Tighten the H-pipe-to-over-axle pipe clamps.

G) Tighten the muffler-to-over-axle pipe clamps.

H) Tighten the tip assembly-to-muffler clamps.

8 INSTALL STABILIZER BAR

A) Place the stabilizer bar into position.

B) Install the two (2) bolts.

C) Install the two (2) nuts.

D) Torque the two (2) bolts to 49 lb-ft.

E) Holding the lower bolt, torque the two (2) nuts to 70 lb-ft.