

## Long Tube Header System, 05-08 C6 Corvette

**PACKING LIST**

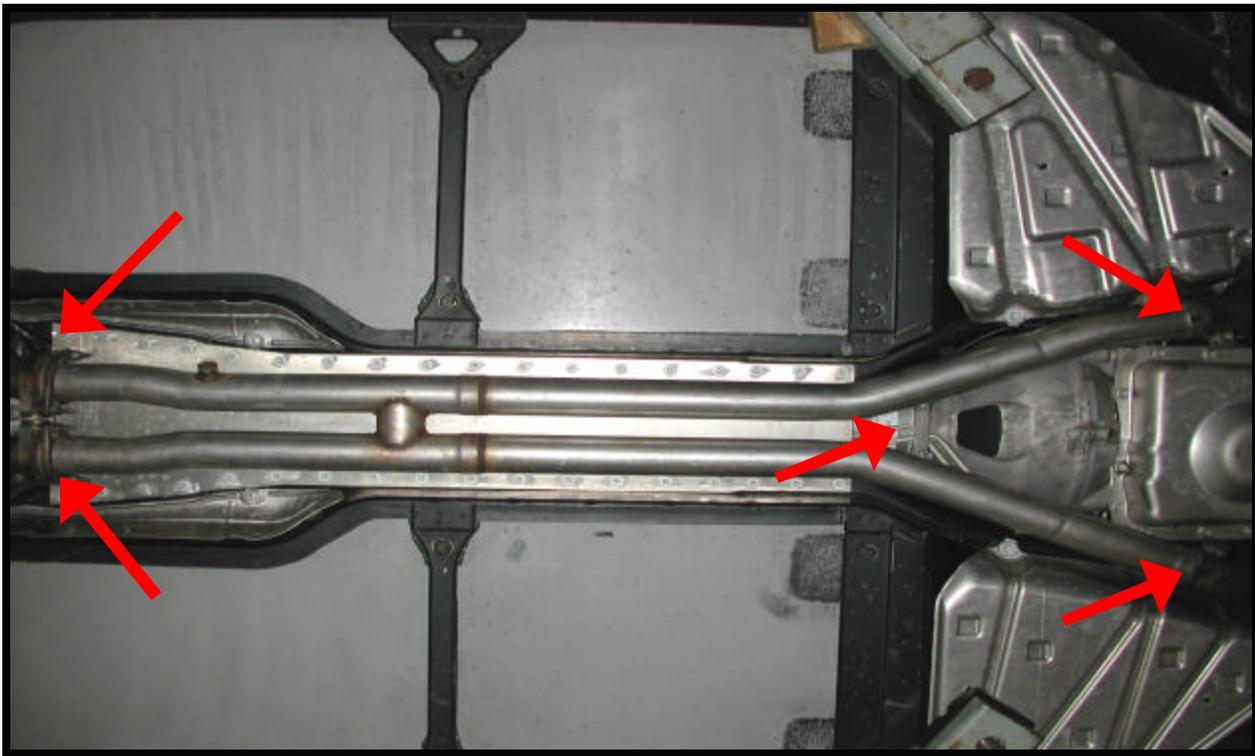
*Before installation, use this check list to make sure all necessary parts have been included.*

ITEM	QTY	CHECK	PART NUMBER	DESCRIPTION
1.	1	<input type="checkbox"/>	30125	Headers, Long Tube, C6
2.	1	<input type="checkbox"/>	30128	Install Kit, Headers, C6
3.	1	<input type="checkbox"/>	30129	Downpipes, C6, Headers
4.	1	<input type="checkbox"/>	30131	Catalytic Converter, C6 Headers
5.	1	<input type="checkbox"/>	30132	Powerflo X-Cross Over Pipe
6.	1	<input type="checkbox"/>	*****	Instructions

**WARNING:** SLP Recommends allowing the vehicle to cool (not running) for five hours before beginning installation.

**INSTALLATION INSTRUCTIONS – #30124**

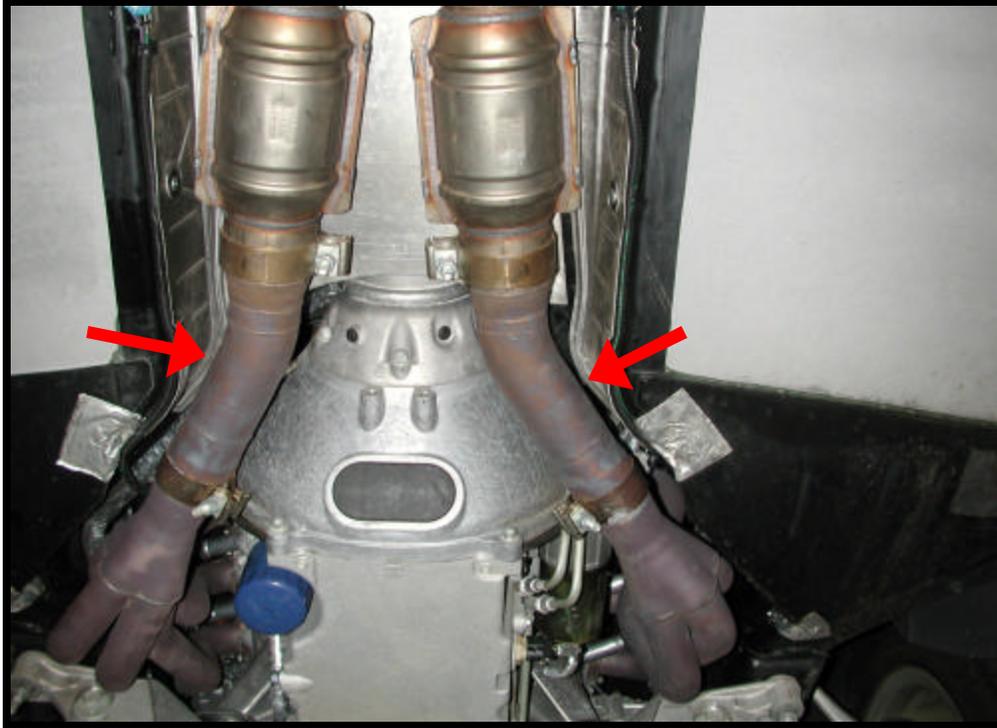
1. A vehicle lift or jack stands are needed for proper installation of this part.
2. Disconnect the negative battery terminal.
3. Remove the engine covers, all eight spark plugs and coil wires, both banks of coil packs and the studs from the valve covers from engine.
4. Next remove the factory h-pipe from the vehicle by first removing the four nuts on the two inlet flanges and loosen the two band clamps at the h-pipes outlet. Remove the two nuts on the sheet metal bracket towards the rear of the h-pipe. Carefully lower the front of the h-pipe down and then remove the outlet pipes from the over axle pipes. See photo 1 on the next page.



**Photo 1: H-Pipe Flange Disconnect Points**

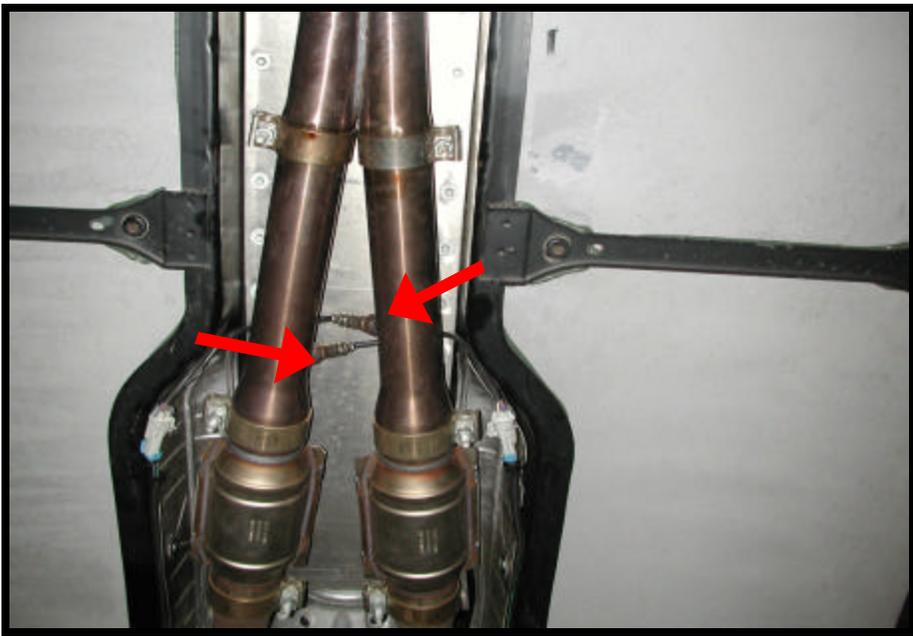
5. Next unplug and remove the oxygen sensors from the driver side and passenger side CAT assembly. Put the oxygen sensors in a safe place so that they do not get damaged as you will need to reuse them to finish the installation of the SLP Long Tube Headers.
6. Next remove the two nuts that hold each CAT assembly to the exhaust manifolds on each side of the vehicle. Remove the CAT assemblies from the vehicle.
7. From the top of the vehicle remove and unplug both oxygen sensors from the driver's side and passenger's side exhaust manifolds. Then remove both manifolds from the engine. Several extensions and universal joints will ease this procedure.
8. With the help of a partner lift the drivers side manifold into place from the bottom and then insert a gasket in-between the SLP Long Tube Header and the cylinder head. Thread a bolt in the front and rear of the flange to hold the header and gasket in place then thread the remaining bolts in. Torque the bolts in two stages first to 13 ft-lbs then to 18 ft-lbs.
9. Remove the dipstick from the engine. The passenger side header is installed from the TOP of the vehicle but otherwise follow step 8 for the install procedure. After the header is bolted in place reinstall the dipstick tube.
10. Next install the header to CAT pipes on both the driver's side outlet and passenger's side outlet of the long tube headers from underneath the vehicle. Use the supplied 2.5" band clamps provided to secure the pipes onto the outlet of the header. Do NOT fully tighten yet.

11. The header to CAT pipes should be installed with the O2 sensor bung facing upward. This will allow the pipes to go in one way only with the 2.5" opening toward the front of the vehicle. Install the front oxygen sensors in the pipes. Next install the front 24" O2 extensions. First plug them into the O2 sensors from the underside of the vehicle. Next route them up along the fire wall away from the headers so that you can reach them from the top side of the engine bay. Route the extensions to the plugs located near outside of the intake manifold, see photo 2 below.



**Photo 2: SLP Down Pipes Installed**

12. Next install the two high flow CATS onto the outlets of the header to CAT pipes, using the supplied 3" band clamps to secure the CATS into place. Do NOT fully tighten yet.
13. Next install the CAT connecting pipes on both the driver and passenger side CAT. These pipes are not specific to either side. Secure with supplied 3" band clamps to the CATS, but do NOT fully tighten yet. Install the rear O2 sensors into the connecting pipes as shown in photo 3 on the next page. Then install the rear 32" O2 extensions. Route the extensions so that they are tucked behind the heat shield and zip tie them into place



**Photo 3: Cat Connecting Pipes**

14. Next install the SLP X-Pipe onto the outlet of the CAT connecting pipes and to the rear of the exhaust system. Use the 2.5" clamps to secure the inlet and outlet of the SLP x-pipe but do NOT fully tighten the clamps yet.
15. Install and tighten the stock bolts and nuts onto the bracket toward the rear of the X-Pipe. See photo 4 below.



**Photo 4: X-Pipe Hanger Bolts**

16. Reinstall engine covers, coil brackets, spark plugs and wires onto the engine.
17. Adjust the system from front to rear making sure all exhaust components are clear and free of contact to any wiring or body parts.
18. The installation is now complete! ENJOY!