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PART #31195

2012 Sonic 1.8L Hatchback Catback Exhaust System

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"/>	310610400	front stub adapter assy, 12 sonic
2.	1	<input type="checkbox"/>	310013818	Muffler, 2.5" In/Out
3.	1	<input type="checkbox"/>	310610401	front intermediate pipe assy, 12 sonic
4.	1	<input type="checkbox"/>	310610402	middle intermediate pipe, 12 sonic
5.	1	<input type="checkbox"/>	310610403	rear intermediate pipe, 12 sonic
6.	1	<input type="checkbox"/>	310559795	muffler, chambered
7.	1	<input type="checkbox"/>	310305080	Tip, 4" O.D., 9.5"L, 2.5" Inlet
8.	4	<input type="checkbox"/>	308144380	CLAMP, 2.5" Torca Band
9.	1	<input type="checkbox"/>	308398400	middle intermediate pipe hanger/clamp assy
10.	1	<input type="checkbox"/>	308398401	tip hanger/clamp assy
11.	1	<input type="checkbox"/>	308302902	clamp, guillotine, 2.5"
12	1	<input type="checkbox"/>	*****	Instructions

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

INSTALLATION INSTRUCTIONS – #31195

- 1 Raise and fully support the vehicle (a vehicle lift is recommended).
- 2 Begin the removal of the factory system by cutting the factory exhaust pipe approximately 2-3" from the muffler inlet, while avoiding brake and fuel lines.
- 3 Next carefully remove the tailpipe hanger from the rubber isolator and remove the muffler from the vehicle.
- 4 Unbolt the factory intermediate pipe from the flange.
- 5 Remove the intermediate pipe hanger and over-axle hanger from the rubber isolators, and then with the aid of an assistant remove the intermediate pipe from the car.
- 6 Install the SLP intermediate pipe hanger onto the factory rubber isolator, slide a 2.5" Torca Clamp with straight bullet muffler onto the front end of the intermediate pipe and then loosely bolt the SLP flange to the factory flange using the factory hardware. See figure 1 below.



Figure 1: SLP Intermediate with muffler Installed

- 7 Next place a 2.5” Torca band clamp on the end of the intermediate pipe and then route the over-axle pipe over the rear axle. Place the pipe hanger into the isolator then connect the over-axle pipe to the new intermediate pipe.
- 8 Assemble the rear and middle intermediate pipe sections as shown below using the middle intermediate pipe hanger assembly.

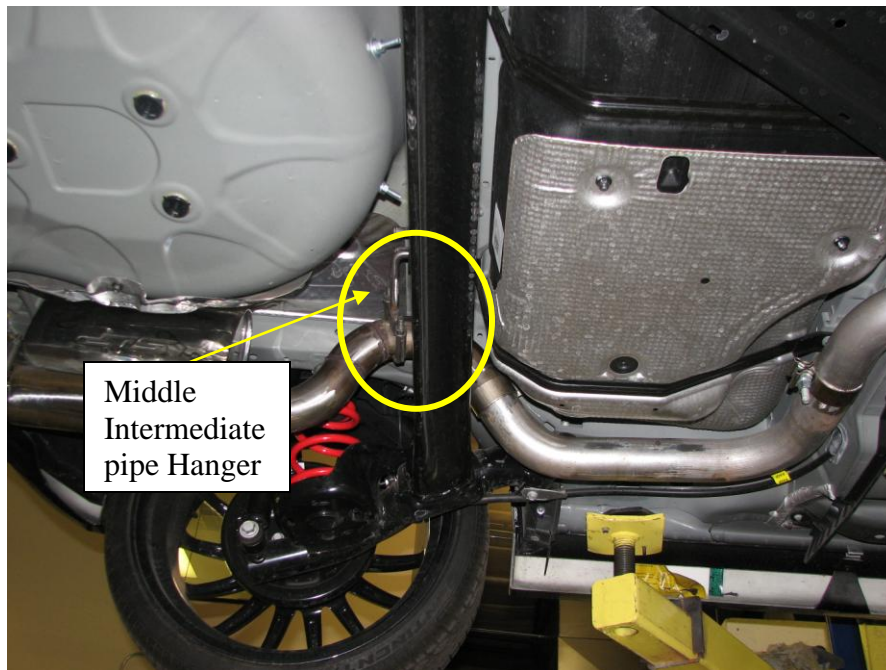


Figure 2: SLP rear/mid Intermediate with muffler Installed

- 9 After the rear and middle intermediate pipe sections are installed, install the large muffler and the tip as shown below in figure 3. Use the provided guillotine clamp on the inlet of the muffler (not a band clamp as shown in the picture). Use the final hanger assembly to mount the tip and the end of the muffler to the rear rubber isolator. Adjust to center the tip before fully tightening at the front and rear of the muffler. Tightening the clamp enough to hold the assembly in place, see figure 3.

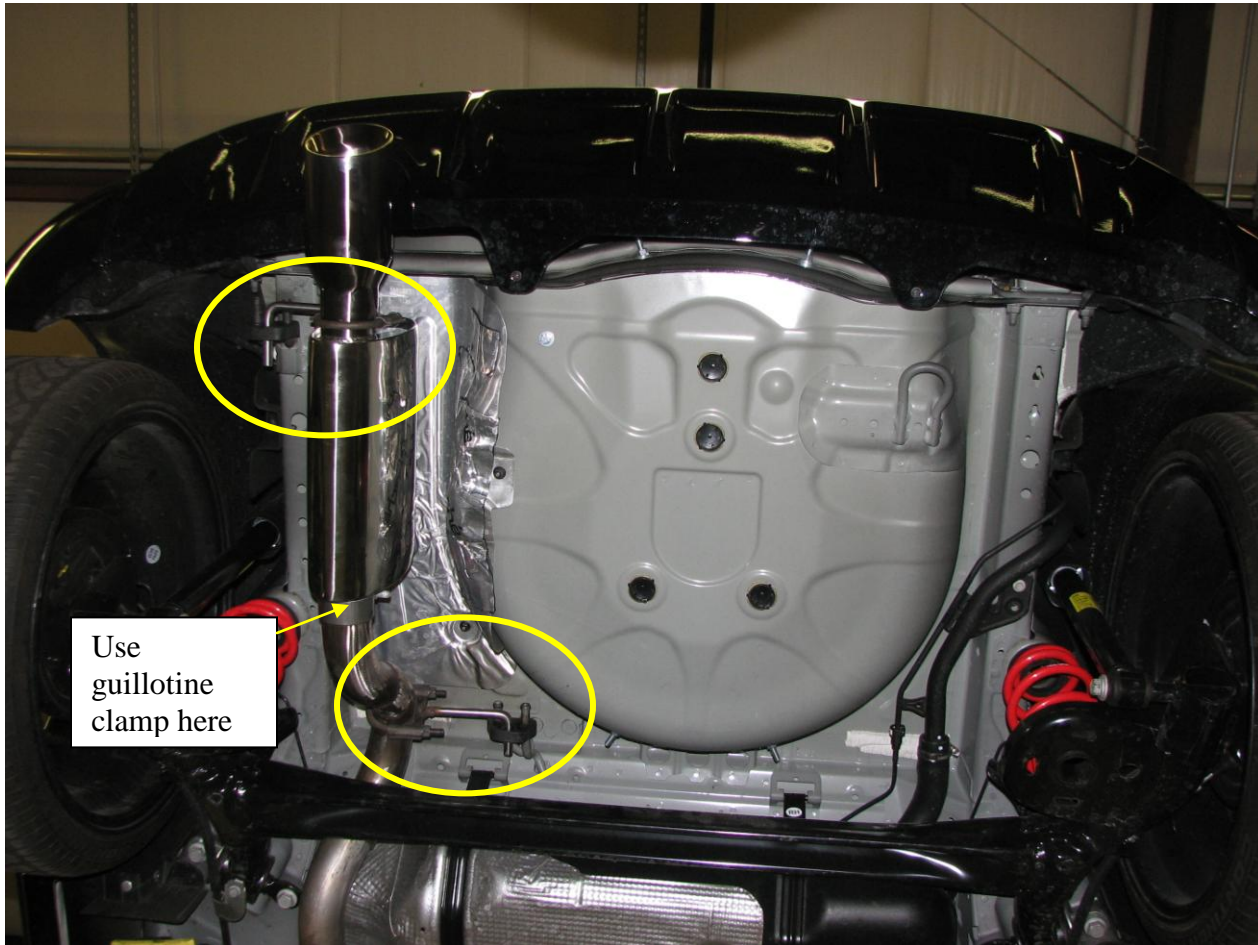


Figure 2: Tailpipe Section Installed

- 10 Adjust the system from front to rear making sure all exhaust components are free and clear of contact to any wiring or body parts.
- 11 The installation is now complete! ENJOY!