

## 1997-2005 Impala/Grand Prix/Monte Carlo Catalyst-Back Exhaust

**PACKING LIST** for 31015AM/31040M/31040AM *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="radio"/>	310301431	Intermediate Pipe Flanged
2.	1	<input type="radio"/>	310301432	Intermediate Pipe Rear
3.	1	<input type="radio"/>	310301438	Rear Y -Pipe
4.	1	<input type="radio"/>	310301435	Extension Pipe
5.	1	<input type="radio"/>	310301701	Muffler, Pass Side
6.	1	<input type="radio"/>	310301700	Muffler, Driver Side
7.	2	<input type="radio"/>	50883 OR	Tip, Grand Prix, Square
7.	1	<input type="radio"/>	310305100HP	Tip, Grand Prix, Dual
7.	1	<input type="radio"/>	310305107HP OR	Tip, Grand Prix, Dual
7.	2	<input type="radio"/>	310305302HP	Tip, Grand Prix, 3.5" Slash
8.	1	<input type="radio"/>	31040KM	Installation Kit

**PACKING LIST** for 31028M/31024M *Before installation, use this check list to make sure all necessary parts have been included.*

1.	1	<input type="radio"/>	310301431	Intermediate Pipe Flanged
2.	1	<input type="radio"/>	310301432	Intermediate Pipe Rear
3.	1	<input type="radio"/>	310301438	Rear Y -Pipe
4.	1	<input type="radio"/>	310301435	Extension Pipe
5.	1	<input type="radio"/>	310301701	Muffler, PASS Side
6.	1	<input type="radio"/>	310301700	Muffler, Driver Side
7.	2	<input type="radio"/>	51075BM OR	Tips, Impala
7.	2	<input type="radio"/>	51529	Tips, Monte Carlo
8.	1	<input type="radio"/>	31040KM	Install Kit
9.	2	<input type="radio"/>	10304424	Hanger, Rubber, Slip
10.	1	<input type="radio"/>	10301946	Hanger, Two Prong, Monte Carlo
11.	1	<input type="radio"/>	10328741	Hanger, Two Prong, Impala
12.	1	<input type="radio"/>	10301948	Hanger, Exhaust, Center
13.	1	<input type="radio"/>	11515757 OR	Bolts, Hanger, Muffler, Monte Carlo
14.	3	<input type="radio"/>	11515757	Bolts, Hanger, Muffler, Impala

**WARNING:** SLP recommends allowing the vehicle to cool (not running) for five hours before beginning the installation. Exhaust components can be extremely HOT and could cause severe burns if it is not allowed to cool. SLP also recommends wearing safety glasses for the complete installation. Refer to GM service manuals for further pictures or specifications.

## INSTALLATION INSTRUCTIONS – 31040M/31040AM/31015AM/31024M/31028M

1. Starting with the converter outlet pipe, unbolt the flange on the intermediate pipe and with the assistance of a helper, remove all six rubber hangers from the exhaust system – side hangers (Leave all rubber hangers in position on chassis).  
Remove exhaust system from vehicle.

2. Remove the bolt that holds the bent wire hanger on the underside of the cross member on the passenger side (just inboard of the right rear wheel). If your vehicle is not equipped with this hanger use the included hanger and bolt. REFER TO PICTURE 1 -Position the paper template (TEMPLATE 1) on center of cross brace, making sure it is oriented correctly (front to rear, left to right) and matching the relief's in cross-brace to the template. Centerpunch and drill the two holes, using a 3/8" drill bit. Re-install the hanger removed earlier into the inside of the cross member and tighten bolt.

3. Bolt the new short intermediate pipe with flange to the existing cat-pipe flange with the included hardware and gasket. Then slip the long intermediate pipe onto the back of the short flanged intermediate pipe and secure using one unbolt clamp. DO NOT TIGHTEN YET AS ADJUSTMENTS WILL NEED TO BE MADE TO THE ENTIRE SYSTEM TO ALIGN THE TIPS IN THE REAR FACIA.

4. Next slip the Y-Pipe onto the outlet of the long intermediate pipe and secure using a unbolt clamp. DO NOT TIGHTEN YET AS ADJUSTMENTS WILL NEED TO BE MADE TO THE ENTIRE SYSTEM TO ALIGN THE TIPS IN THE REAR FACIA.

5. Slip the swaged open end (long leg) of the extension pipe, along with a 2 1/2" exhaust clamp, onto the driver side outlet of the rear

Y-pipe. Slip the rubber hangers onto both of the hangers so that the system can be held up in place up to this point. Do not tighten clamps yet as adjustments will still need to be made.

6. Insert the rubber hangers from the rear bumper stock hangers onto the SLP mufflers FIRST then slip the mufflers onto the outlet of both the driver side extension pipe and pass side y-pipe outlet. If your system comes with new rear bumper hangers, change them first and then use any included rubber hangers. (if no hangers or rubber hangers are included then the stock hardware on your car is OK) Next, slip the rubber hangers back onto the stock hanger brackets. The system should now be hanging by all of the rubber hangers. Use a 2 1/2" exhaust clamp onto each muffler inlet to secure. DO NOT TIGHTEN YET.

7. Install the included tips onto the muffler outlets loosely. Adjust extension pipe, Y-pipe, long intermediate pipe and mufflers so that the tip on the mufflers sit centered in the fascia notch and snug

the clamp on the extension pipe off the Y-Pipe. Then snug up both clamps on muffler inlets and both clamps on the tips.

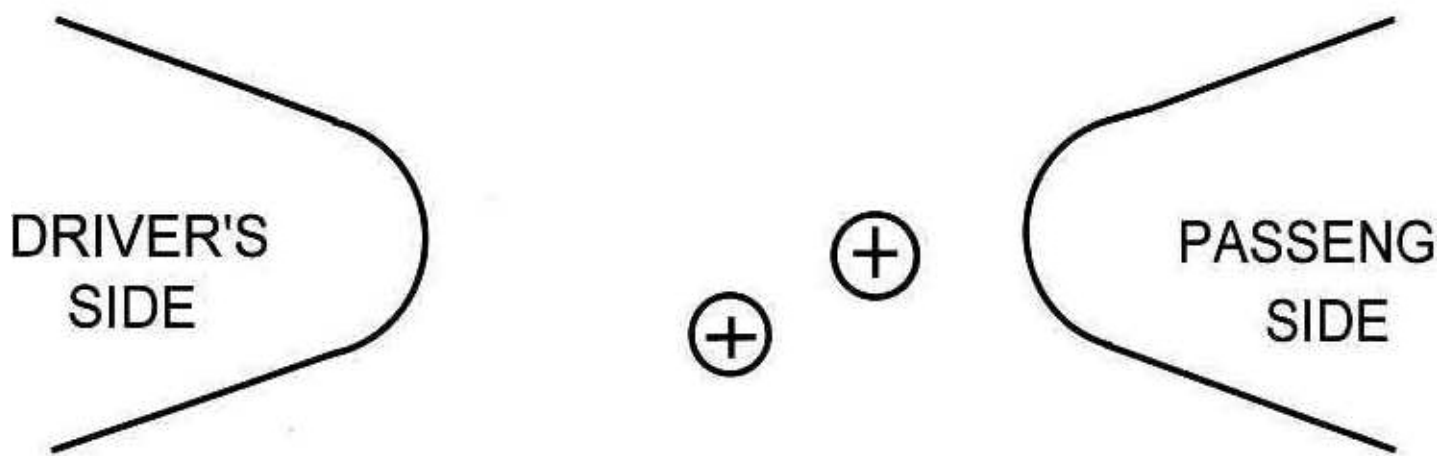
6. Before final tightening, be sure all pipes are properly aligned. Properly position all pipes and the two mufflers and begin tightening first the two bolts at converter outlet, then the clamp at Y-pipe/intermediate pipe joint.

PART NO. 31040M/31015AM/31040AM/31028M/31024M



Photo 1

# CROSSBRACE RE-DRILLING



CENTERPUNCH AND DRILL  
TO 3/8" DIAMETER