



Installation Instructions for:  
**SYSTEM #717782**  
2003-2008 NISSAN 350Z  
3.5L V6 ENGINE

12/11/17

1) Raise the vehicle up on a hoist or rack to working height. Spray a penetrating lubricant onto the nuts at the flanged connections behind the catalytic converters, at the back of the y-pipe in the center of the vehicle and the muffler inlet. Also spray the rubber hanger mounts that support the system. This will greatly ease removal of the factory system.



2) Support the rear muffler with a stand; use a 14MM wrench to remove the two nuts at the flanged connection in front of the muffler. Disengage the two rear hangers and the hanger at the front right corner of the muffler from the rubber mounts on the vehicle. Lower from the vehicle and set aside.



3) Remove the two nuts at the flanged connection in the center of the vehicle. Then using a 1/2" wrench, remove the factory mid pipe/resonator assembly hanger from the frame of the vehicle. This hanger will be replaced with hanger **385HA**. The factory rubber isolator will be re-used with the new **385HA** hanger. Lower the mid pipe/resonator from the vehicle and set aside.



4) Using a 14MM wrench, remove the nuts at the two flanged connections behind the catalytic converters. Slide the Y-pipe rearward to disengage the front two flanges, then lower from the vehicle and set aside. Save the front two gaskets for reuse.



5) Place the left inlet pipe **#86424M** into position behind the left catalytic converter and re-install the nuts removed in the previous step. Tighten enough to hold but still allow for adjustment. Be sure to replace the gasket. Repeat the step on the right side of the vehicle with inlet pipe **#86423M**. Measure and make a mark at 1 3/4" from the back of each of the front pipes, this is the mark that the X-pipe will be slid on to.



6) Place a supplied clamp onto both front pipes of X-pipe assembly **#86425M**. The embossed Flowmaster in the center of the X-pipe will face the ground and the top of the letters will be toward the front of the vehicle when installed. Position the X-pipe over the cross member and onto the front pipes, slide up to the marks at 1 3/4". Level the assembly and center in the driveline tunnel. Tighten the clamps enough to hold but still allow for adjustment. Place a provided clamp onto each X-pipe outlet.



7) Using the factory nut, secure hanger **#385HA** to the mount on the vehicle that the factory mount was removed in step 3 above. Install the factory rubber mount. Place the intermediate pipe assembly **#86455M** into position and slide into the back of the X-pipe, connect the hanger on the pipe to the rubber mount on the vehicle. The hanger should be level and the rubber isolator should be vertical. Tighten the clamps enough to hold but still allow for adjustment.



8) Place a provided clamp onto the inlets of muffler **7525554-480**. Place the muffler up into position and slide onto the intermediate pipes, make sure they are fully seated and support the muffler with a stand. Tighten the clamps enough to hold but still allow for adjustment. Place a provided clamp onto each muffler outlet.



9) Place the left exit pipe **#86460M** up into position and connect the hanger on the pipe to the rubber mount on the vehicle, then slide into the muffler outlet. Adjust the exit pipe and tip to the desired position and tighten the clamp enough to hold, but still allow for adjustment. Repeat this step on the right side of the vehicle with exit pipe **#86459M**.



10) Using the 3/8" nut and washers included in the hardware pack attach the grounding strap above the front of the muffler to the bolt on the new muffler. Tighten securely.



11) Adjust the position of all pipes and muffler to provide a satisfactory fit. This is a tight fitting system, so take your time and be patient, tightening and adjusting a little bit at a time. Be sure to maintain an adequate clearance around all parts of the system to avoid rattles or damage to heat sensitive components. Once you're happy with the fit, tighten all connections down securely. For a cleaner appearance and more secure installation, we highly recommend welding all slip-fit connections. Place the provided 7/16" hanger keepers onto the intermediate pipe hangers, slide up to the rubber mount, these will prevent the hanger from slipping out of the isolator.

PACKING LIST		
Qty.	Description	Part #
1	Inlet Pipe, Right	86423M
1	Inlet Pipe, Left	86424M
1	X-Pipe Assembly	86425M
1	Intermediate Pipe Assembly	86455M
1	Muffler Assembly	7525554-480
1	Exit Pipe, Right	86459M
1	Exit Pipe, Left	86460M
1	<b>PARTS KIT (includes the following)</b>	<b>PK923</b>
1	• Mid Frame Hanger	385HA
8	• 2 1/2" Band Clamp	MC250BS
5	• 7/16" Hanger Keeper	HW502
1	• 3/8" Hex Nut	HW103
1	• 3/8" Flat Washer	HW303
1	• 3/8" Lock Washer	HW309

