

SGA40 | SGA42 | SGA43

SGA40: 2.5" 64-72 GM A-bodies w/ H-pipe
SGA42: 2.5" 70-71 GTO & 68-72 442 ONLY w/ H-pipe
SGA43: 3" 64-72 GM A-bodies w/ H-pipe
Stainless Steel 2.5" & 3" Crossmember-back System



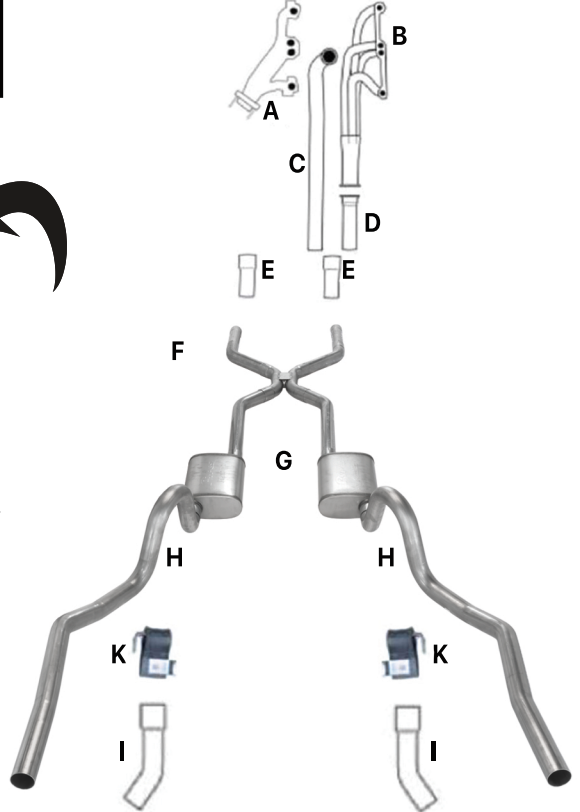
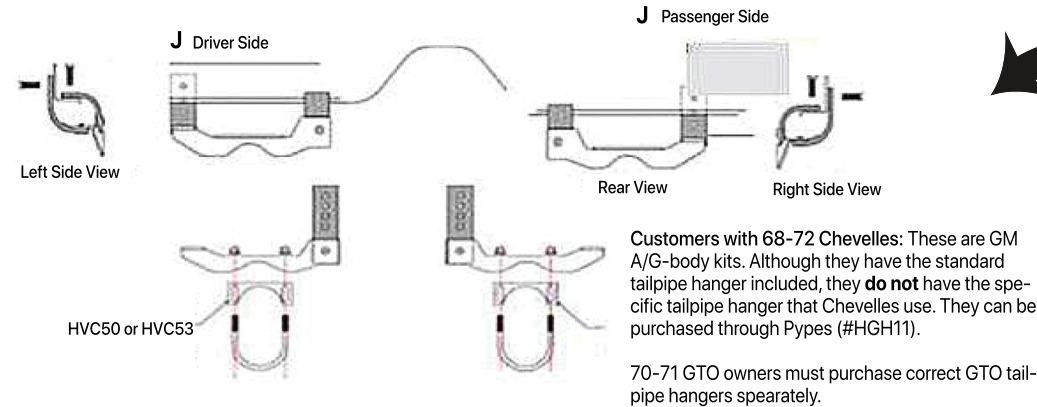
Pypes Performance Exhaust
 2705 Clemens Rd B103 Hatfield, PA 19440
 www.pypesexhaust.com 800-421-3890

Thanks again for purchasing your new stainless steel Pypes Performance Exhaust. Please take the time now to review these installation instructions and confirm that all the components in the kit were received in your shipment before you begin dis-assembly. If you find a component missing or have questions about the installation please contact our technical department at tech@pypesexhaust.com or through our live chat room found on the home page of the Pypes website at www.pypesexhaust.com.

BILL OF MATERIALS	
A	Manifold
B	Header
C	Downpipe
D	Collector Reducer
E	Collector Extension
F	H-pipe
G	Mufflers
H	Tailpipes
I	Tips or Turndowns
J	Muffler Hangers
K	Tailpipe Hangers

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H-pipe Kit (1)	HVA10	HVA10	HVA13
Tailpipes (2)	TGA10	TGA16	TGA13
Collector Extensions (2)	PVM11	PVM11	PVM51
Muffler Hangers (2)	HGH13	GH13	GH13
Taipipe Hangers (2)	HGH10	HGH10	HGH10
Clamps (10)	HVC50	HVC50	HVC53

Polished Systems do not have collector extensions, but straight length of 304 SS can be purchased by calling Pypes.



- Place the vehicle on a lift or four jack stands. To help your installation, pre-fit the components into a complete system on your garage floor using the picture as a reference.
- Remove existing exhaust system from the headers or exhaust manifolds back. You can also remove any hangers mounted to the frame as your new kit includes factory reproduction hangers.
- Begin by installing the new tailpipe hangers. These holes are located approx 12-16" forward from the rear bumper, on the outside of the frame rails. Next, the muffler hangers install just forward of the rear end housing to the crossmember which is perpendicular to the frame rails. Your new hangers have two rubber straps with three holes each. They install as follows: Vertical strap gets bolted through the middle hole of the crossmember parallel to the floor, towards the outside of the car. Horizontal strap gets bolted through the top of the crossmember by wrapping the rubber strap into a "C" shape. The bolt will need to go through the top hole in the strap. Next, install a complete clamp on each hanger.
- Install the two tailpipes onto the clamps. Snug the nuts to hold the tailpipes in place. Your new tailpipes will not require trimming unless installing tips.
- Now install the mufflers. The inlet should be closest to the drive shaft and the outlet towards the rockers of the car.
- Install the H-pipe. This is where trimming of the tubing may be required for optimum fit. Install the rear legs into the mufflers first. Aim for the center "H" approx 8-12" behind the tail shaft of your transmission and centered under the drivershaft. The center plate has an arrow that must point forward. Trim the rear legs as needed. If the rear suspension is unloaded, you can push the center "H" up until it just about touches the driveshaft as it will never hit once the suspension is loaded. Slide the fron legs into the h-pipe. Be careful when measuring and cutting. Line up the front legs under the center "H" to mark your cut lines making sure to line them up with your headers of downpipes.
- Connect the front legs of the h-pipe to the headers (collector reducers) utilizing the two 1ft collector extension pipes. Trimming length will be required. Do not connect the h-pipe directly to your headers. If downpipes are used, make sure the pipe ends close to the rear side of the transmission crossmember. Some header applications require custom collectors due to the header not ending square and parallel to the car. They must run parallel with your rocker panels.
- Finish the system by making all your final adjustments to position the h-pipe, mufflers and tailpipes. Tighten all clamps.

Now it's time to fire up your ride and enjoy your new Pypes Performance Exhaust