



Installation Instructions:

17382

1968-70 MOPAR B-BODY V8 ENGINE

Installation:

2/24/2020

- 1) On the inside of the rear frame rails, roughly 10" forward of the bumper, you will find holes that will be used to mount the tailpipe hanger brackets. You should see a square hole with a round hole just below it. Carefully place the 3/8" bolts through the square hole and back so that they stick out of the round hole. Place the hanger brackets **#310HA** (left) and **#311HA** (right) onto the bolts and secure with nuts and lock washers. Slide a rubber hanger **#HA168** onto each of the hanger mounts.
- 2) On the right rear section of the floor pan, just ahead of the rear axle, there is a factory hanger bracket spot welded in place. Fasten the hanger mount **#309HA** to the inner side of the bracket with a 3/8" bolt washer and nut. Slide rubber hanger **#HA168** onto the hanger mount. Slide clamp hanger **#287HA** into the bottom hole of the rubber hanger. The hanger rod should be inserted from the inside, out.
- 3) For the left side there are no factory locations for a hanger, so you will need to drill some holes. Take the hanger mount **#308HA** and try to mirror the location of the right hanger as close as you can. Mark the two hole locations and drill the pan with a 3/8" bit. Go inside the vehicle and remove the rear seat so that you can see the holes you drilled. Place the mounting plate **#244HA** through the holes and replace the seat. Go back and fasten the hanger mount in place with a 3/8" nuts and washers. Slide rubber hanger **#HA168** onto the hanger mount. Slide clamp hanger **#288HA** into bottom hole of the rubber hanger. The hanger rod should be inserted from the inside, out.
- 4) Place the mufflers up into position and support with stands. Place the outlets of the mufflers into the clamp hangers and tighten just enough to hold in place.
- 5) Slide 3" clamp **#MC300G** over each muffler inlet. Place H-pipe assembly **#26168** in its approximate position underneath the vehicle and connect the back of H-pipes into the muffler inlets and support with a stand. Tighten clamps just enough to hold, but still allow for adjustment.
- 6) Place both tailpipes **#26170** and **#26171** up over the rear axle and into the outlets of the mufflers. Slip the hanger rods at the rear of the pipes into the rubber hangers that were installed in Step 1.
- 7) The front connector pipes **#26172** and **#26173** are long enough to allow for many different header combinations. Therefore, it is necessary to determine the proper length of the connector pipes. Once the proper length is determined, trim the front connector pipes to fit.

- 8) Once the connector pipes are cut to proper length, raise them into position and connect them to the H-Pipe and header collectors or manifold down pipes using a standard header flange, Flowmaster Venturi Cone or Flowmaster Ball Flange kit.
- 9) Adjust the position of all muffler and pipes to provide a satisfactory fit. Maintain a minimum of 3/4" clearance between the Flowmaster system, the drivetrain and chassis components, while also keeping suspension travel and vibration in mind.
- 10) Tighten down all clamped connections securely. After the system is secure, slide the 7/16" push-on hanger keepers onto the round stock sticking through the rubber muffler hangers. This will prevent the hangers from slipping out of the rubber mounts.
- 11) For a cleaner appearance and more secure installation, we highly recommend welding all slip-fit connections. If you live in a geographical area that has harsh winters or sees a great deal of precipitation, the use of high temperature paint over the welded areas can help to prevent surface rust and premature corrosion.

Packing List

<u>Qty</u>	<u>Description</u>	<u>Part</u>
2	Muffler	953046
1	Connector Pipe (L)	26172
1	Connector Pipe (R)	26173
1	H- Pipe Assembly	26168
1	Left tailpipe	26170
1	Right tailpipe	26171
1	Parts kit	PK419
1	Clamp Hanger Muffler (R)	287HA
1	Clamp Hanger Muffler (L)	288HA
1	Muffler Hanger Mount (L)	308HA
1	Muffler Hanger Mount (R)	309HA
1	Tailpipe Hanger Mount (L)	310HA
1	Tailpipe Hanger Mount (R)	311HA
1	Hanger Mounting Plate	244HA
4	Rubber Hanger	HA168
8	7/16" Hanger Keepers	HW502
4	3" Clamps	MC300G
3	3/8"x 1" Bolt	HW208
5	3/8" Flat Washer	HW303
5	3/8" Lock Washer	HW309
5	3/8" Nuts	HW103



Installation Diagram:
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