



DELTA FORCE™

SYSTEM #17383

1971-1972 MOPAR "B" BODY

3" SYSTEM

03/13/12

Installation:

- 1) Before installing anything, prep the clamps supplied in the hardware kit by removing the nuts, and applying a thick lubricant such as white grease or anti-seize to the threads.
- 2) On the inside of the rear frame rails, roughly 18" forward of the bumper, you will find holes that will be used to mount the tailpipe hanger mounts. 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. Then place hanger mounts **#310HA**(left side) and **#311HA**(right side) onto the bolts and secure with nuts and lock washers. Slide rubber hanger **#HA168** onto each of the hanger mounts.
- 3) Place both tailpipes **#26176** and **#26177** up over the rear axle. Slip the hanger rods at the rear of the pipes into the rubber hangers that were installed in Step 1.
- 4) Prepare the right side muffler by placing the clamp/hanger **#287HA** onto the outlet of one of the mufflers and tighten just enough to hold in position. Connect the hanger mounting bracket **#313HA** using rubber hanger **#HA168**. (Both hanger rods should point opposite to the offset of the inlet neck. See diagram)
- 5) Repeat the above step to prepare the left side muffler, using clamp **#288HA**, mounting bracket **#308HA** and rubber hanger **#HA168**.
- 6) Place the mufflers up into position and support with stands. Insert the tailpipes into the muffler outlets.
- 7) Slide a 3" clamp over each muffler inlet, then place H-pipe assembly **#26174** in its approximate position underneath the vehicle and connect the back of H-pipes into the muffler inlets and support with a stand. Tighten the clamps just enough to hold in position.
- 8) There are no factory locations for the rear muffler hangers, so you will need to mark the hanger positions and then drill some holes in the rear seat pan area. In order to do this, you will now need to adjust the position of all the pipes and mufflers to achieve a good fit. Once everything is in place, mark the two hole locations for the two hanger mounting brackets and drill the pan with a 3/8" bit. Now you must go inside the vehicle and remove the rear seat so that you can see the holes you drilled. Place the mounting plates **#244HA** through the holes and replace the seat. Go back and fasten the hanger mounts in place with the 3/8" nuts and washers.

9) 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. Once trimmed 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.

10) Adjust the position of all muffler, pipes and tips 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.

11) Tighten down all clamped connections securely. After the system is secure, slide the 7/16" hanger keepers onto the round stock sticking through the rubber muffler hangers. This will prevent the hangers from slipping out of the rubber mounts.

12) 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	26174
1	Left tailpipe	26176
1	Right tailpipe	26177
1	Hardware kit	PK418
1	Clamp Hanger Muffler (R)	287HA
1	Clamp Hanger Muffler (L)	288HA
1	Muffler Hanger Mount (L)	308HA
1	Muffler Hanger Mount (R)	313HA
1	Tailpipe Hanger Mount (L)	310HA
1	Tailpipe Hanger Mount (R)	311HA
2	Hanger Mounting Plate	244HA
4	Rubber Hanger	HA168
8	7/16" Hanger Keepers	HW502
4	3" Clamps	MC300S
2	3/8"x 1" Bolt	HW208
6	3/8" Flat Washer	HW303
6	3/8" Lock Washer	HW309
6	3/8" Nuts	HW103



Installation diagram for:
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