

FLOWMASTER™

DELTA FORCE™

SYSTEM # 17382

**1968-1970 MOPAR "B" BODY
(3" SYSTEM)**

Installation Instructions

3/2/06

Installation:

- 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. Then 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 a rubber hanger **#HA168** onto the hanger mount. Slide clamp hanger **#287HA** into 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. Now you must 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. Now go back and fasten the hanger mount in place with 3/8" nuts and washers. Slide a 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, then place the outlets of the mufflers into the clamp hangers and tighten just enough to hold in place.
- 5) Slide a 3" clamp **#MC300R** over each muffler inlet, then 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 loose enough to 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) Make any final adjustment to the position of the mufflers and pipes. Allow a minimum of 3/4" clearance around all parts. Then tighten down all clamps securely and install the 7/16" push-on hanger keepers on the round stock sticking through the rubber muffler hangers. Be sure to allow adequate clearance for full suspension travel and vibration.

NOTE: WE HIGHLY RECOMMEND WELDING ALL SLIP-FIT CONNECTIONS.

Packing List

<u>Qty.</u>	<u>Part # or Size</u>	<u>Part</u>
BOX 1 OF 2 (5034)		
2	953046	Muffler
BOX 2 OF 2 (1038)		
1	26172	Connector Pipe, (L)
1	26173	Connector Pipe, (R)
1	26168	H- Pipe Assembly
1	26170	Left tailpipe
1	26171	Right tailpipe
1	PK419	Parts kit
1	287HA	Clamp Hanger Muffler (R)
1	288HA	Clamp Hanger Muffler (L)
1	308HA	Muffler Hanger Mount (L)
1	309HA	Muffler Hanger Mount (R)
1	310HA	Tailpipe Hanger Mount (L)
1	311HA	Tailpipe Hanger Mount (R)
1	244HA	Hanger Mounting Plate
4	HA168	Rubber Hanger
8	HW502	7/16" Hanger Keepers
4	MC300R	3" Ring Clamps
3	HW208	3/8"x 1" Bolt
5	HW303	3/8" Flat Washer
5	HW309	3/8" Lock Washer
5	HW103	3/8" Nuts

FLOWMASTER DELTA FORCE KIT #17382
1968-70 MOPAR B-BODIES
****3" PIPES****

