



Installation Instructions for:  
**SYSTEM #17289**  
1966-1967 FORD FAIRLANE  
EXCEPT CONVERTIBLE

**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 underside of the vehicle, slightly forward of the rear axle, there is a pair of threaded holes on either side of the vehicle. If the OEM hanger(s) are still there, they will need to be removed. These holes may or may not be pre-threaded, so run a 3/8"-NC tap through them before bolting the new **493HA** right side hanger & **494HA** left side hanger into position. Use two 3/8" x 1" bolts and lock washers to secure each hanger into place. Both hangers will point to the inside of the vehicle. After mounting, place a supplied **HA168** rubber hanger onto each of these two hangers followed by a **492HA** clamp hanger assembly. The **492HA** hangers will point to the outside of the vehicle.
- 3) On each side of the car at the rear of the vehicle, look for a pair of holes about 3 1/2" apart that were used for the OEM tailpipe hangers. Or if the original hanger is still there, the two nuts that secure the hanger to the uni-body must be removed and the hanger taken off. There will then still be two studs coming out of these holes. These also must be removed which is done through the trunk. The two studs are secured to a small plate inside the trunk. This plate has a small hex head sheet metal screw in the center of it which holds it in place. Take this screw out to remove the plate and studs.
- 4) If the vehicle does not have the necessary holes, then two pair mounting holes will need to be drilled from inside the trunk. With the trunk open and the mat removed, look on each side just above the fuel tank surface, you should see three small dimples in the sheet metal. Using the two outer dimples as centers, drill them with a 5/16" drill bit.
- 5) The right side tailpipe hanger **#233HA** can now be mounted. From the outside, pass the 16" x 1" bolts through the hanger and into the holes in the uni-body. Install the nuts and washers onto the bolts from inside the trunk. Repeat with the left side hanger **#234HA**.
- 6) Once the hangers are secured in place, slide rubber hanger **#HA168** onto each of the hangers.
- 7) Position the left muffler **#52556** by placing the outlet of the muffler into the left side muffler hanger. Rotate the muffler to get it level and support with a stand. Tighten the clamp/hanger just enough to hold in position. Repeat this step with the other **#52556** muffler on the right side of the vehicle.

- 8) Install the front pipe assembly **#16275** by placing the rear of the assembly into the inlets of both mufflers and centering it in the drive line tunnel. Support the front of the assembly with a stand, be sure that the mufflers and front pipe assembly are level. Once the mufflers and front pipe assembly are in place, check the hangers at the rear of the mufflers to see if they are hanging straight down. Adjust the front pipe and mufflers forward or back as needed to get the correct fit.
- 9) Place the tailpipes up over the axle then install the rear hanger that is welded to each tailpipe into the lower hole of the rubber mount at the rear of the vehicle and then slide the front of the tailpipes into the rear of the mufflers.
- 10) Once the system is in good position, *pipes will need to be fabricated* to connect the front of the H-pipe to the manifold down pipes or header collectors.
- 11) Before final clamping or welding, adjust and align the position of all the 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.
- 12) Tighten down all clamped connections securely. After the system is secure, place the provided hanger keepers onto the end of all the hanger rods above the mufflers and the hangers that support the tailpipes. This will prevent the hangers from slipping out of the rubber mounts.
- 13) 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 No</u> |
|-------------|---------------------------|----------------|
| 2           | Muffler                   | 52556          |
| 1           | H-Pipe Assembly           | 16275          |
| 1           | Tailpipe (Right)          | 16273          |
| 1           | Tailpipe (Left)           | 16274          |
| 1           | Parts Kit                 | PK351          |
| 1           | Rear Hanger Bracket (R)   | 233HA          |
| 1           | Rear Hanger Bracket (L)   | 234HA          |
| 2           | Rear Muffler Clamp Hanger | 492HA          |
| 1           | Rear Muffler Mount, Right | 493HA          |
| 1           | Rear Muffler Mount, Left  | 494HA          |
| 4           | Red Rubber Hanger         | HA168          |
| 2           | 2 1/2" Clamp              | MC250S         |
| 8           | 7/16" Hanger Keepers      | HW502          |
| 4           | 5/16" X 1" Bolts          | HW204          |
| 4           | 5/16" Nuts                | HW102          |
| 4           | 5/16" Lock Washers        | HW308          |
| 4           | 5/16" Flat Washers        | HW302          |
| 4           | 3/8" X 1" Bolts           | HW208          |
| 4           | 3/8" Lock Washers         | HW309          |



Installation diagram for:  
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