



## SYSTEM #17120

### 1964-1972 EL CAMINO / GMC SPRINT

08/04/10

#### Removal:

- 1) Raise the vehicle up on a hoist or rack to working height and support securely with jack stands.
- 2) Remove the existing exhaust system from the headers or manifold down pipes back.

#### 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) Bolt adapter plates **#HA242** to hangers **#HA240** and **#HA241** using the 5/16" x 3/4" bolts and nuts provided in the parts kit (see figure 1).
- 3) On the frame of the vehicle, slightly forward of the rear axle, there are a set of two mounting holes on each side of the vehicle which will be used to mount the rear muffler hangers. Use these stock locations to mount hanger **#HA240** on the left side and hanger **#HA241** on the right. Use the 5/16" x 1" bolts and nuts provided (see figure 1).
- 4) Place H-pipe assembly **#16277** in its approximate position underneath the vehicle and support with a stand.
- 5) Connect the inlet of the mufflers to the rear of the H-pipe. Place the outlets of the mufflers into the rear muffler hangers **#HA240** and **#HA241**, be sure that the mufflers are sitting level. Use jack stands to hold their position. The outlet of the muffler should be offset toward the outside of the vehicle.
- 6) Attach rubber hanger **#HA168** and mounting bracket **#238HA** to the hanger rod on the left side tailpipe **#16234**. Repeat this on the right side tailpipe using rubber hanger **#HA168** and mounting bracket **#237HA**.
- 7) Place the right tailpipe **#16235** in position over the axle on the right side of the vehicle. Place the left tailpipe **#16234** in position over the axle on the left side of the vehicle. When installing tailpipes, the rear of the vehicle must be supported by the frame with jack stands, allowing the axle to hang from the suspension. *Note: The car should be supported by the axle after the tailpipes are in place.*
- 8) Insert the tailpipes into the muffler outlets and adjust the mufflers and tailpipes into their approximate final position. Use stands to hold in position.

- 9) The front connector pipes are long enough to allow for many different header combinations, therefore, it is necessary to determine the proper length of the inlet connector pipes. Once the proper length is determined, trim the front connector pipes.
- 10) Once the pipes are cut to the 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 of FLOWMASTER ball flanges.
- 11) 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.
- 12) Two pair of holes will now need to be drilled in the frame for the rear tailpipe mounting brackets. With the tailpipes in the desired position, locate the mounting bracket against the frame and use to mark the points to be drilled (see figure 2). *Note: Take your time on this step – The brackets must be located in just the right position so that the tailpipes will be even.* After marking, drop the pipes and hanger out of the way and drill with 3/16" bit. Re-locate the pipes and affix brackets to the frame with the 1/4" self-tapping screws provided.
- 13) Make any final adjustments to the position of the mufflers and pipes before tightening down securely and apply the four push-on keepers to the rear tailpipe hangers.
- 14) 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

<b>BOX 1 OF 2 (5015)</b>	<u>Qty</u>	<u>Description</u>	<u>Part #</u>
	2	Muffler	52558
<b>BOX 2 OF 2 (1023)</b>	2	Connector Pipe, (R/L)	16293
	1	H- Pipe Assembly	16277
	1	Tailpipe, Right	16235
	1	Tailpipe, Left	16234
	1	Parts kit	PK355
	6	2-1/2" Clamps	MC250S
	1	Muffler Hanger (R)	HA241
	1	Adapter Plate (R/L)	HA242
	1	Tailpipe Hanger (R)	237HA
	1	Tailpipe Hanger (L)	238HA
	2	Rubber Hanger	HA168
	4	5/16" x 3/4" Bolts	
	4	5/16" x 1" Bolts	
	8	5/16" Nuts	
	4	5/16" Fender Washers	
	8	5/16" Lock Washers	
	8	5/16" Flat Washers	
	4	7/16" Hanger keepers	
	4	1/4" x 1" Self tapping screws	

Figure 1.

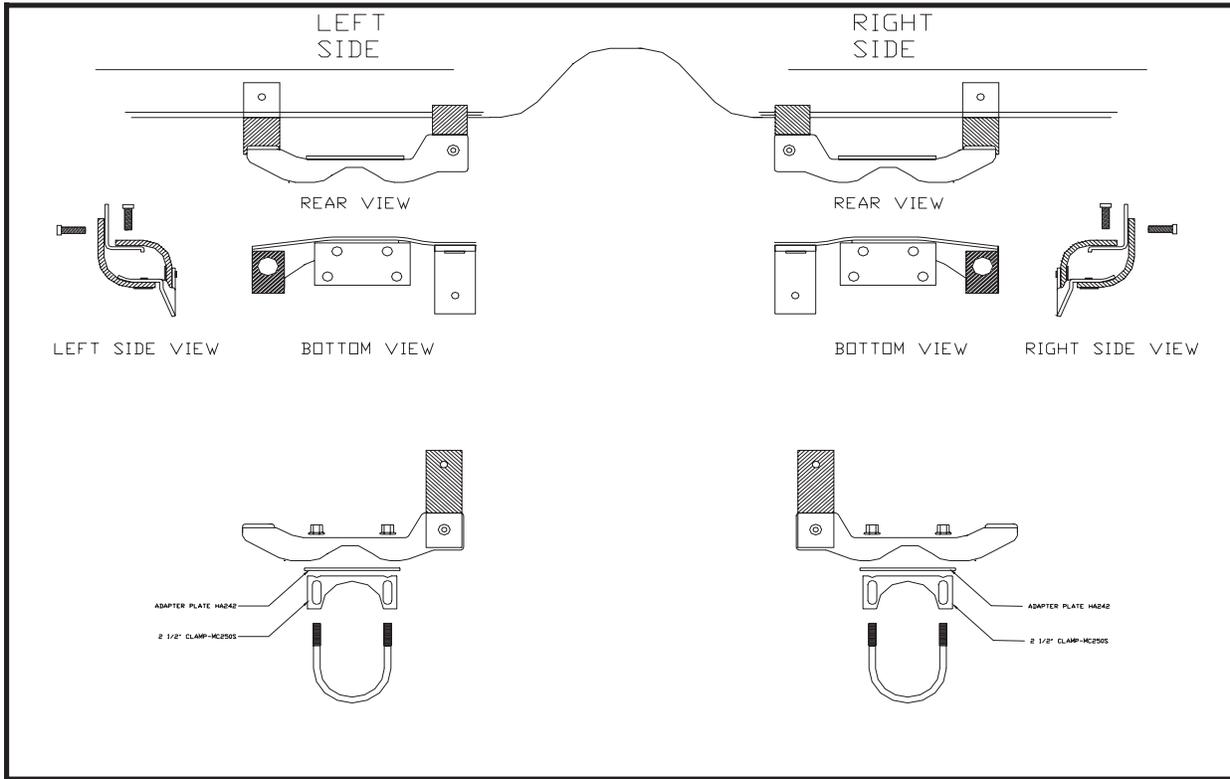
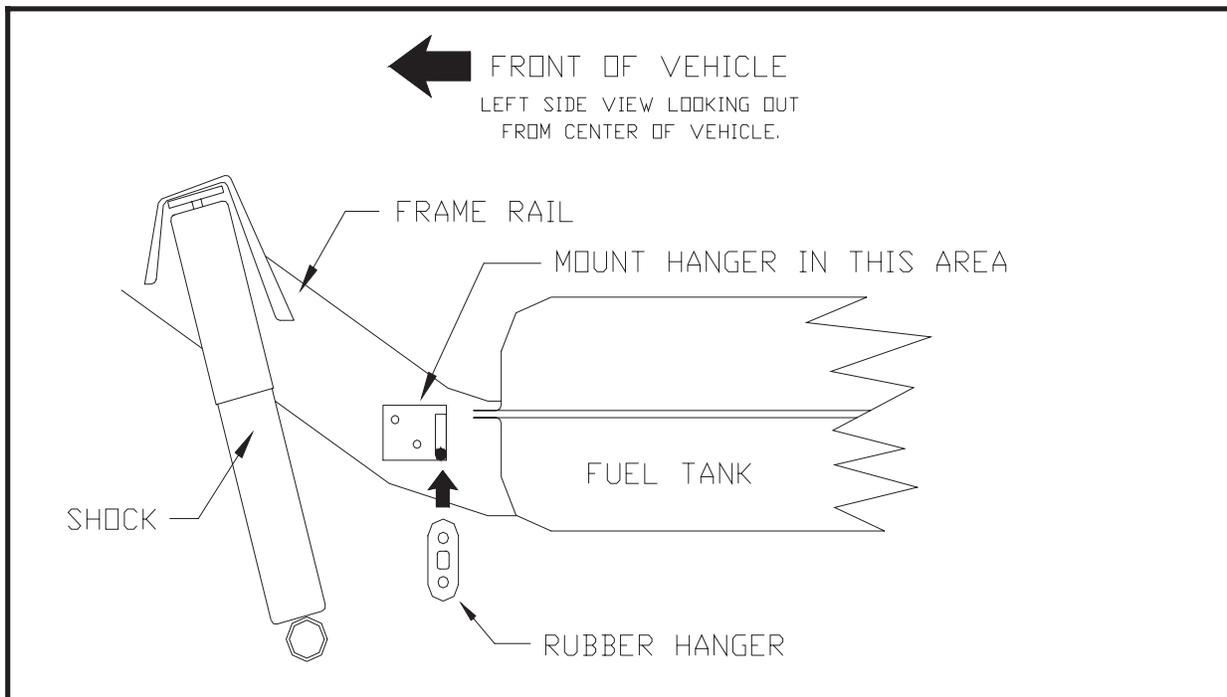


Figure 2.





Installation diagram for:  
**SYSTEM #17120**  
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