



<i>Part Number:</i> <u>12090</u>	<i>Revision:</i> <u>C</u>	<i>Effective Date:</i> <u>07/02/02</u>	<i>By:</i> <u>J. INGERSLEV</u>
<i>Document Type (indicate):</i>			
◦ Bill of Material	◦ Drawing (may be attached)	◦ Specification	
• Assembly Instructions	◦ Operating Procedure	◦ Other	

87-95 Catalytic Converter Installation Instructions

I. Parts Included in Kit:

12030	CATALYTIC CONVERTER ASSEMBLY	EA	1.00
11202	AIR HOSE, 1/2"	FT	5.50
11205	AIR HOSE, 3/4"	FT	0.38
11206	HOSE CLAMP	EA	6.00
13144	CHECK VALVE	EA	1.00
11204	"T" HOSE FITTING	EA	1.00
12090	CATALYTIC CONVERTER INSTRUCTIONS	EA	1.00
12436	DRIVER SIDE CATALYTIC CONVERTOR, LONG	EA	1.00
12437	PASSENGER SIDE CATALYTIC CONVERTOR, SHORT	EA	1.00

II. Tools Required:

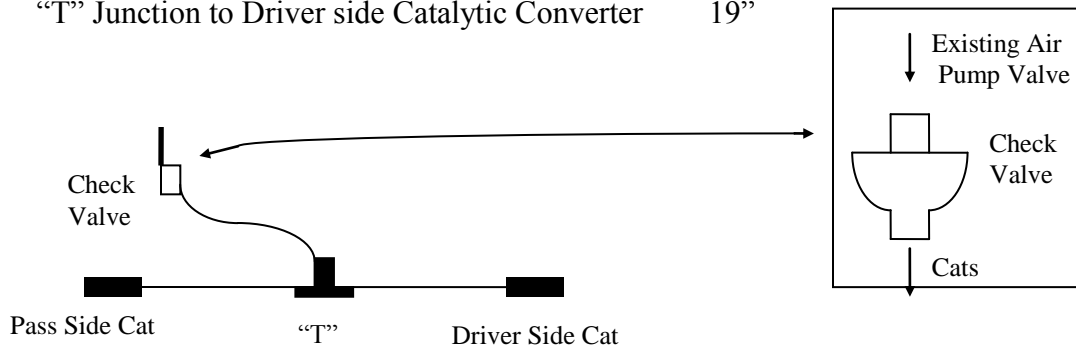
- Tape Measure
- 8mm socket or Flathead screwdriver
- Floor Jack
- Jack Stands
- 3/8" Allen Key
- 9/16" Wrench
- 11/16" Socket
- Adjustable Wrench

III. Installation Instructions

1. Jack up the front of the car and place on jack stands
2. Remove the straight pipes if installed. Use a 9/16" wrench and 3/8" Allen key on the bolts connecting the Side pipes.
3. Remove the O₂ Sensors from the straight pipes using an adjustable wrench.
4. Install the O₂ Sensors into the new Catalytic Converters using an adjustable wrench.
5. Attach the Catalytic Converters to the engine headers using an 11/16" Socket. If using aftermarket headers, the mounting flange holes on the Catalytic Converters may need to be oveled out using a file.
6. Attach the Side pipes to the Catalytic Converters the same way that the Straight Pipes would. Use the three holed gaskets supplied with the Side Pipes and a 9/16" wrench and 3/8" Allen wrench on the bolts supplied with the Side pipes.

7. With the help of a friend, loosen the nuts holding the Catalytic Converters to the headers using an 11/16" Socket.
8. Hold the Side Pipes parallel to the side of the car and in the exhaust cut out. Tighten the header nuts.
9. Install the 4.5" of 3/4" Hose between the Mustang valve and the included check valve using the 9/16" Hose Clamps and a screwdriver.
10. Cut the 1/2" Hose and install to the following places using the 9/16" Hose Clamps and screwdriver.

Check Valve to "T" Junction	28"
"T" Junction to Passenger side Catalytic Converter	19"
"T" Junction to Driver side Catalytic Converter	19"



11. Only put the 1/2" hose onto the Catalytic Converter Air tube one inch, just enough for the hose clamp.
12. Check the hose to Catalytic Converter tube on a regular basis (ie. Every oil change) for wear. There is enough hose to allow trimming a couple of times if necessary.