

Enginetech Inc
Tech Assistance 800-410-3664 ext. 340 or 237

TECHNICAL BULLETIN	
	February 2000 TB 1772
Mfg:	GM
Model:	PONTIAC
Liter:	3.8L
V I N:	K
Year:	95-06

Revised Upper & Lower Intake Manifold
Tightening Specifications For 1995-97 GM 3.8L VIN K & 1 Engines

The AERA Technical Committee offers the following special information on revised upper and lower intake manifold tightening specifications 1995-97 3.8L VIN K & 1 engines. 1995-97 service manuals should be updated with the following information. Using the correct torque sequence and figures is critical in installation of the intake manifold. Knowing the correct RPO number and the body style of the car is also helpful.

Lower Intake manifold tightening sequence

RPO #	Body Style	Figures
L36	C,G,H,W	1 & 2
L67	C,G,H,W	3 & 4
L36	F	5 & 6

Installation procedures for the lower intake manifold

1. Install the lower intake manifold gasket.
2. Install the lower intake manifold.
3. Apply GM part # 12345382 thread locker or equivalent on the bolt threads.
4. Install the lower manifold bolts including the hidden bolts.
5. Tighten the lower intake manifold bolts in the correct sequence see figures above as required using 11-ft lbs. (15 Nm).

Upper Intake manifold tightening sequence

RPO #	Body Style	Figures
L36	F	7 & 8

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L36

C,G,H,W

9 & 10

Installation procedures for the upper intake manifold for L36 F

1. Install the upper intake manifold gasket.
2. Install the upper intake manifold.
3. Install the coolant outlet.
4. Install the upper intake manifold bolts.
5. Tighten the vertical bolts in sequence to 11-ft lbs. (15 Nm)
6. Tighten the coolant outlet bolts in sequence to 20 ft lbs. (27 Nm).
7. Tighten side bolts in sequence to 22 ft lbs. (30 Nm)

Installation procedures for the upper Intake manifold for L36 C,G,H,W

1. Install the upper intake manifold gasket.
2. Install the upper intake manifold.
3. Install the upper intake manifold bolts and stud.
4. Tighten the upper intake manifold bolts and stud in sequence to 89 in lbs. (10Nm)

The AERA Technical Committee

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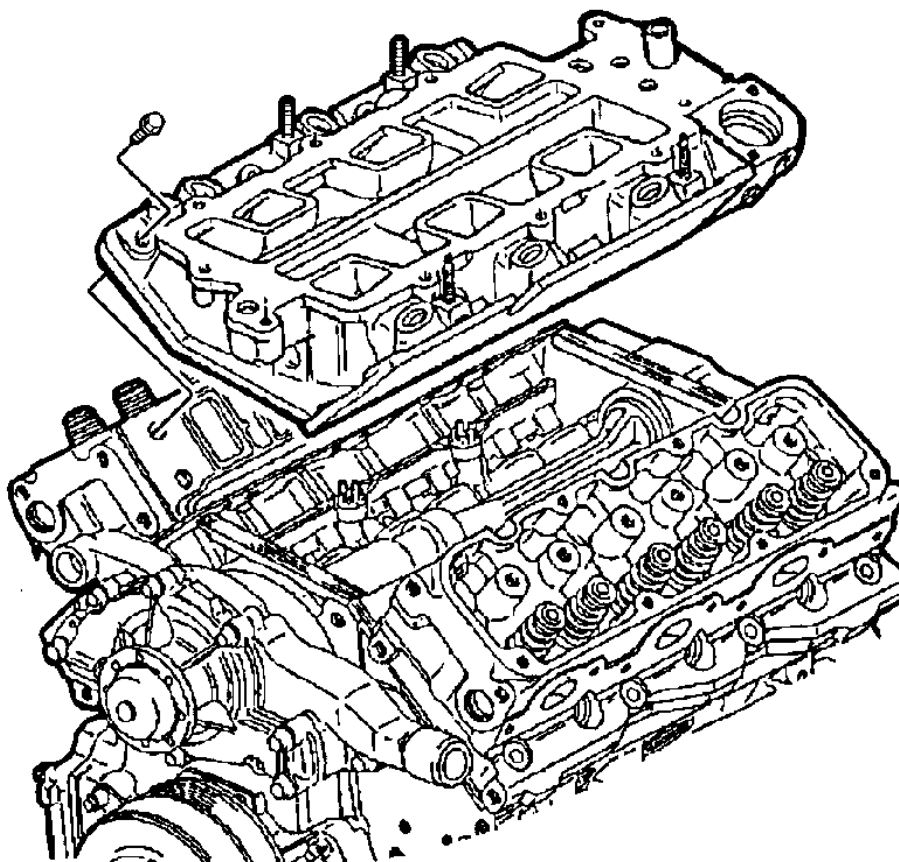


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Bulletin Diagram: TB 1772 Figure 1 - INTAKE MANIFOLD



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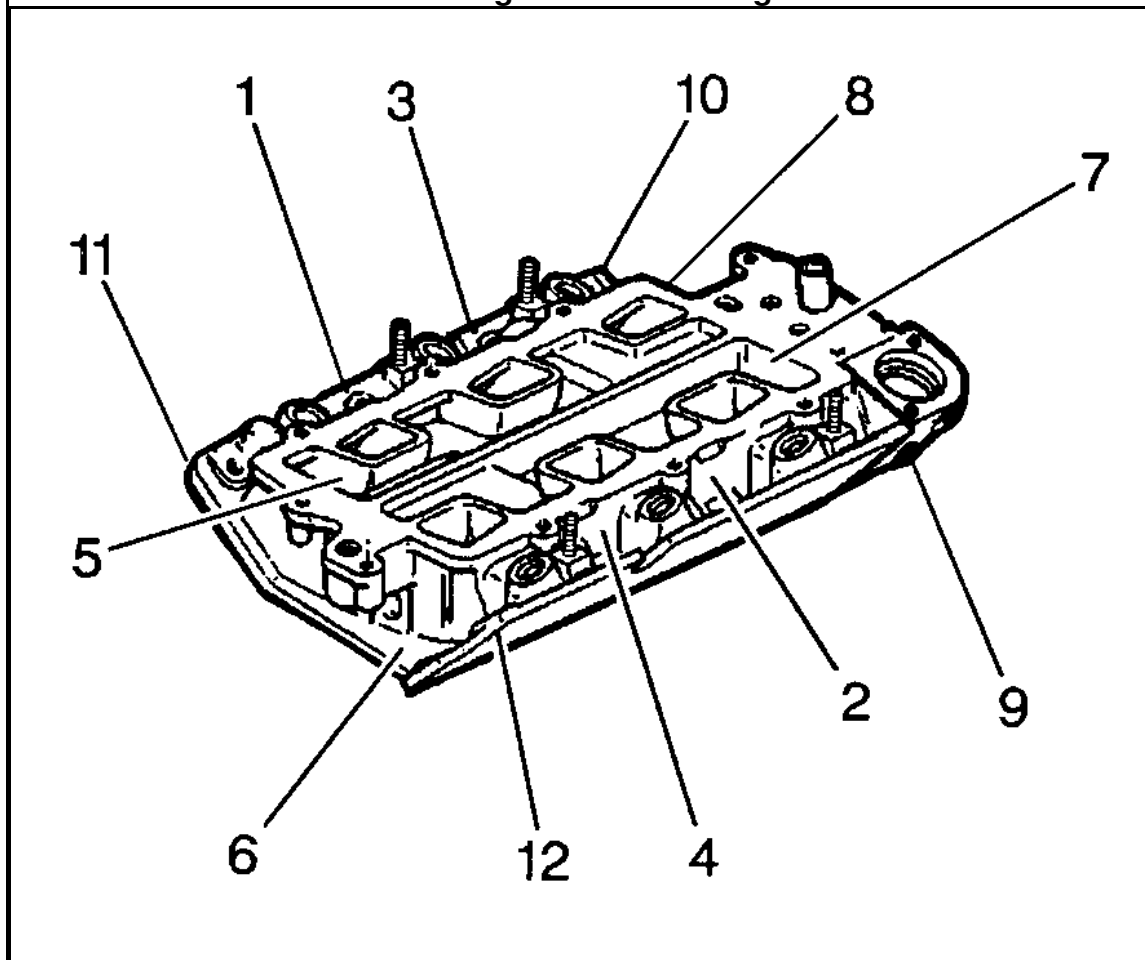
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Bulletin Diagram: TB 1772 Figure 2



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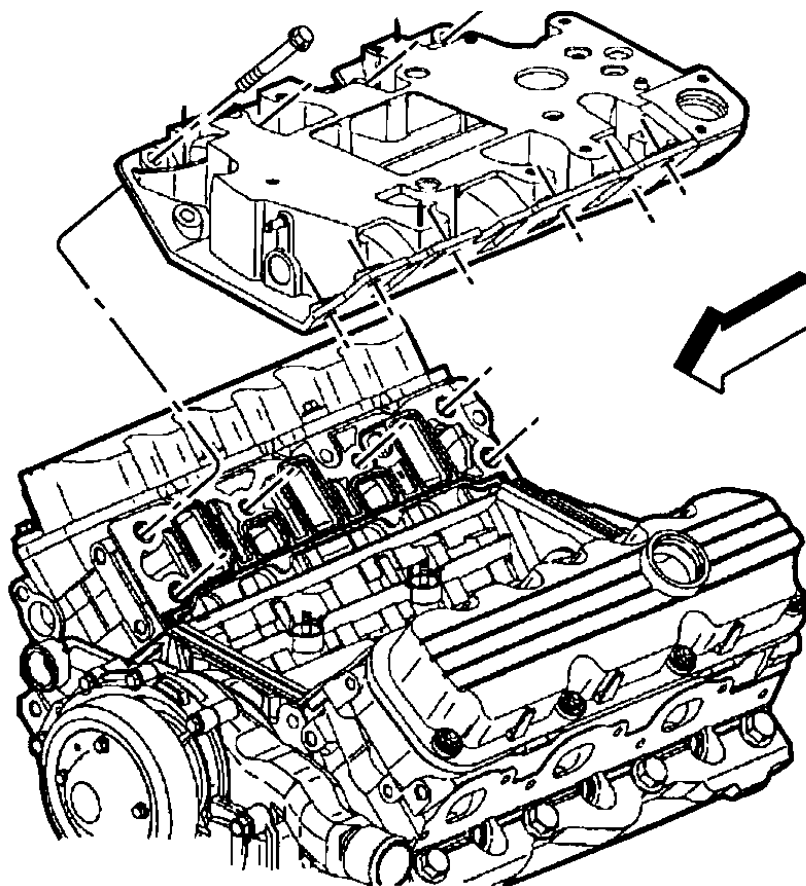


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Bulletin Diagram: TB 1772 Figure 3



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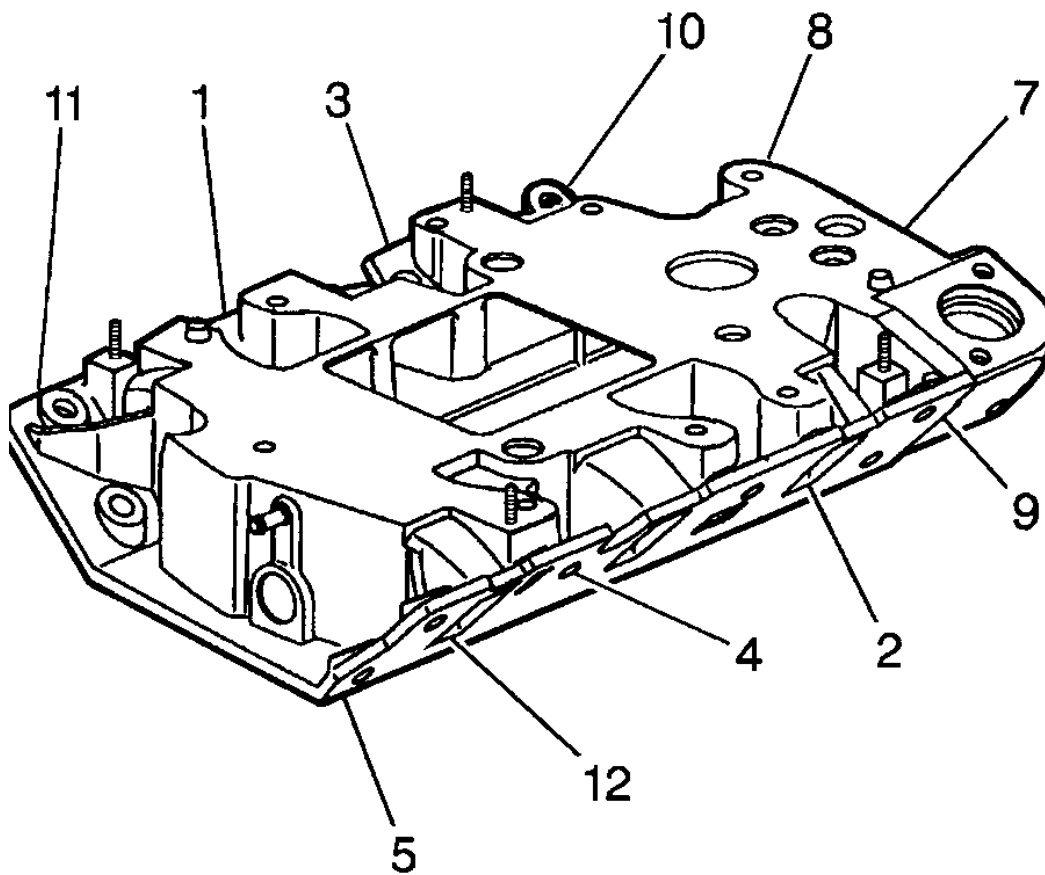
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Bulletin Diagram: TB 1772 Figure 4



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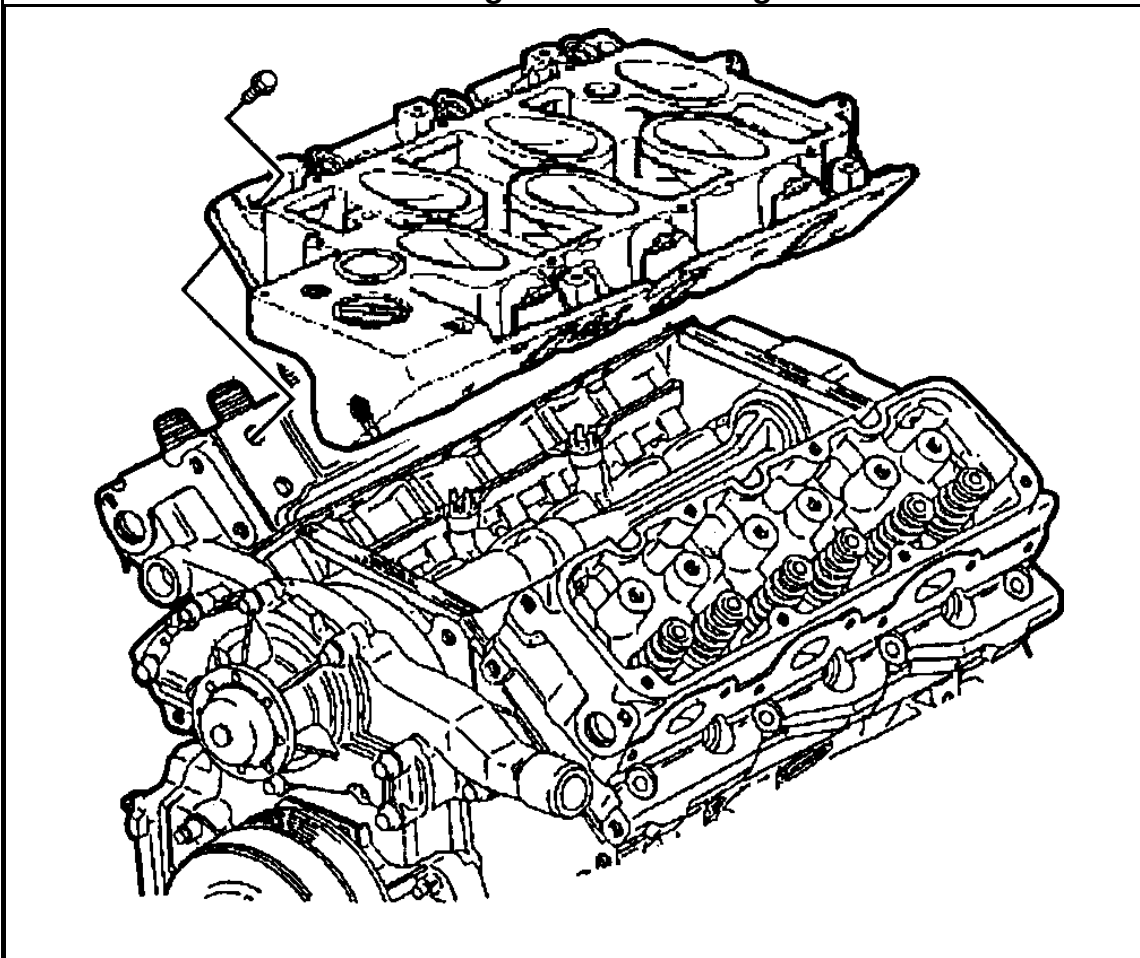


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Bulletin Diagram: TB 1772 Figure 5



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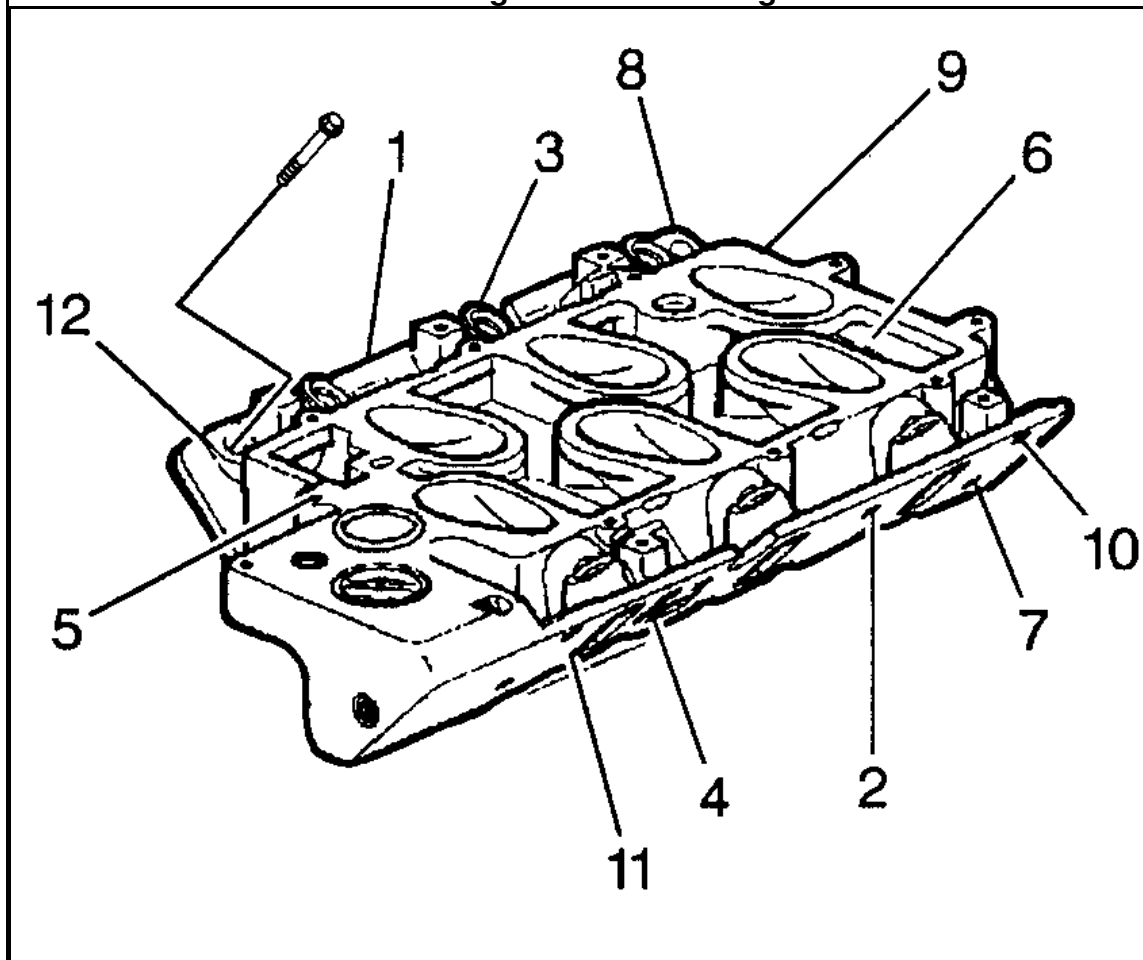


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Bulletin Diagram: TB 1772 Figure 6



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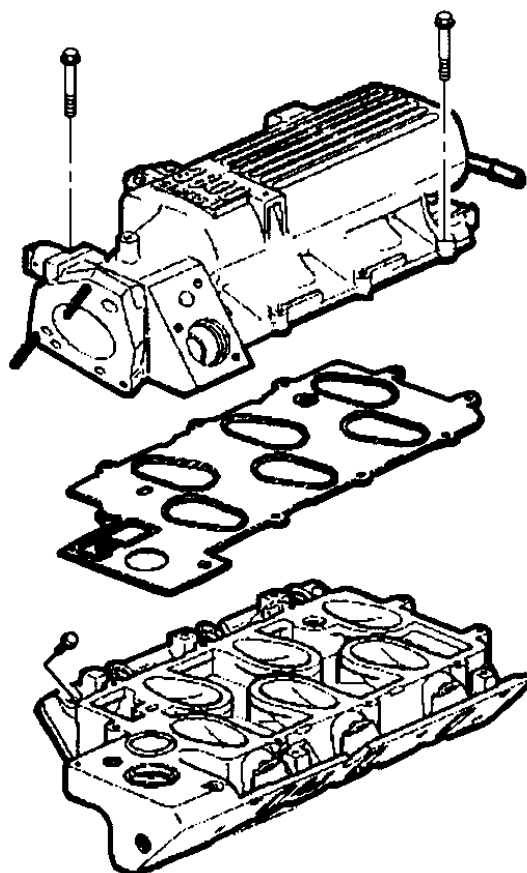
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Bulletin Diagram: TB 1772 Figure 7



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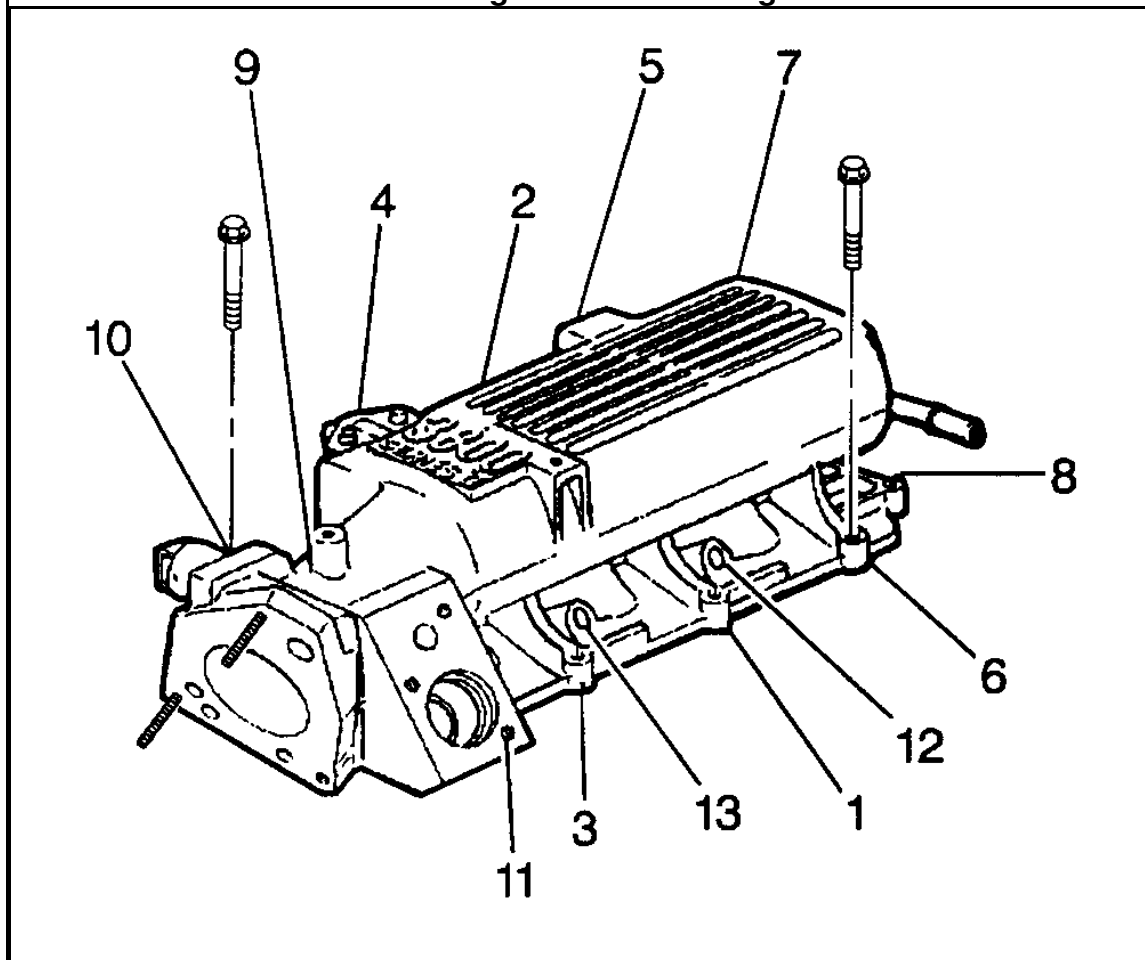


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Bulletin Diagram: TB 1772 Figure 8



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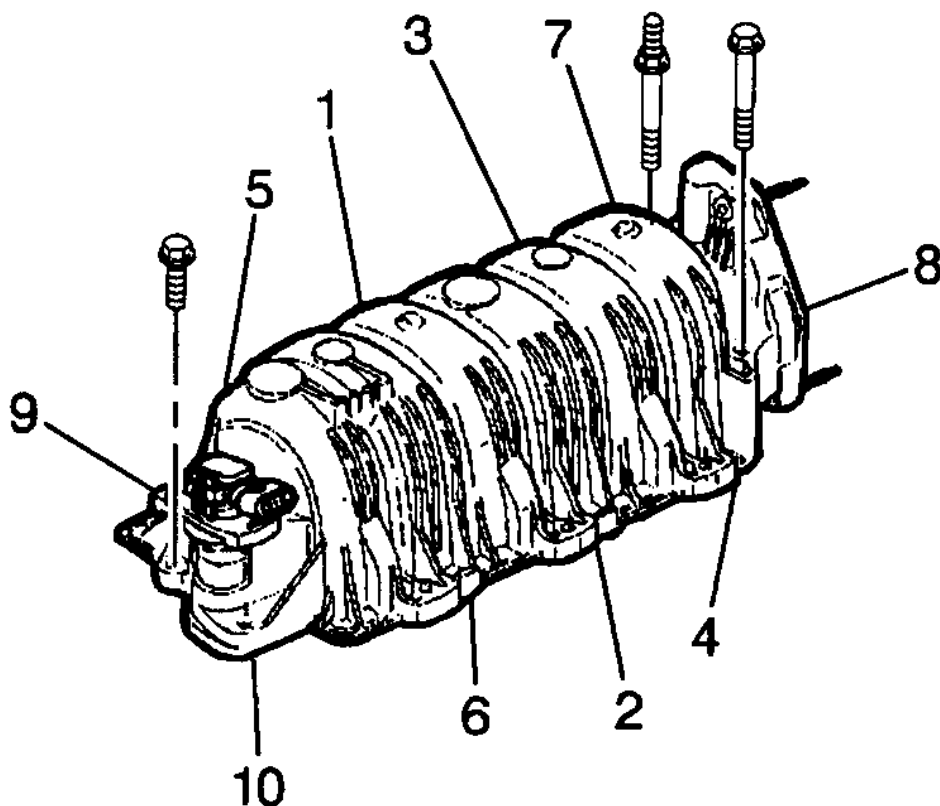


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Bulletin Diagram: TB 1772 Figure 9



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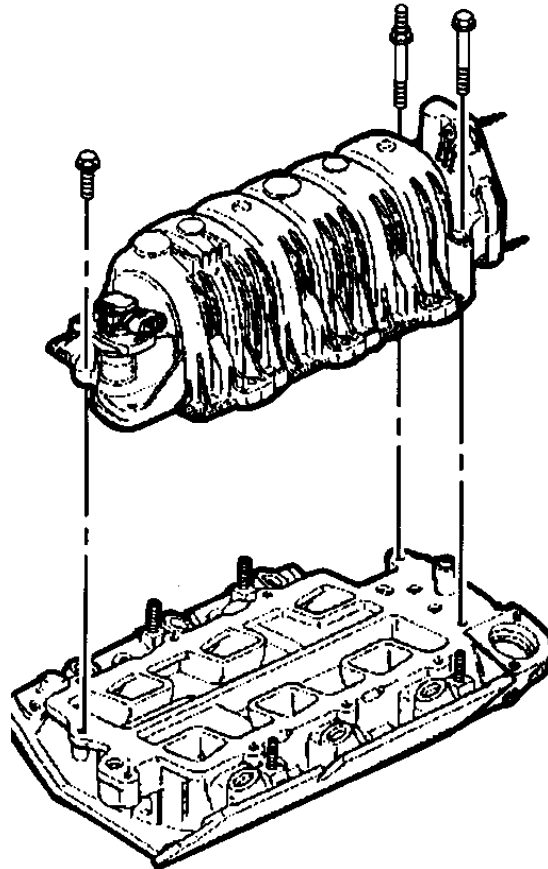
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Bulletin Diagram: TB 1772 Figure 10



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