

GM Splash Shield Template and Tech Sheet

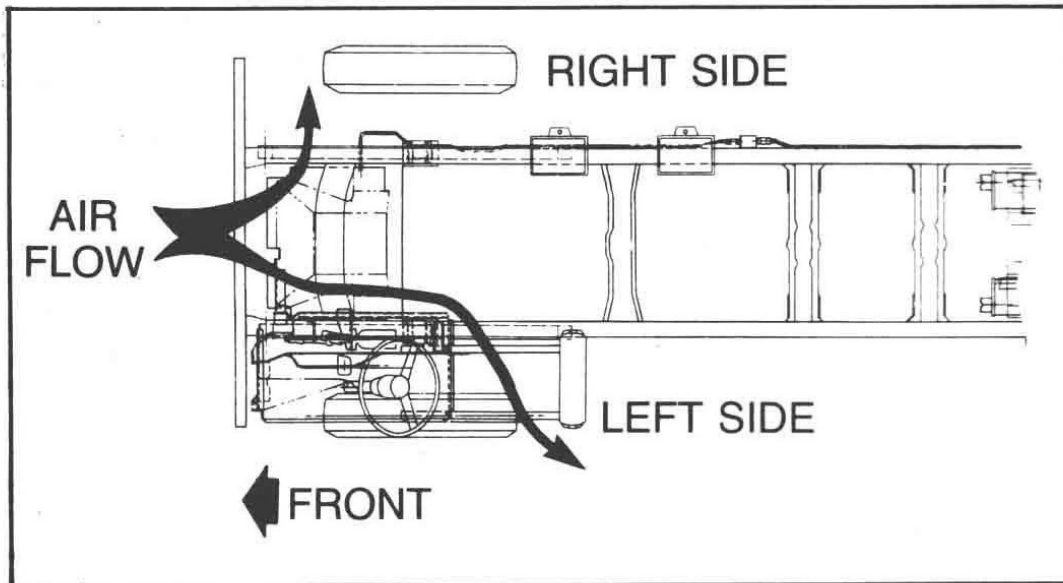
P-Series Splash Shield RH 15983041

Barth



EXHAUST MANIFOLD AND PLUG WIRE FAILURE

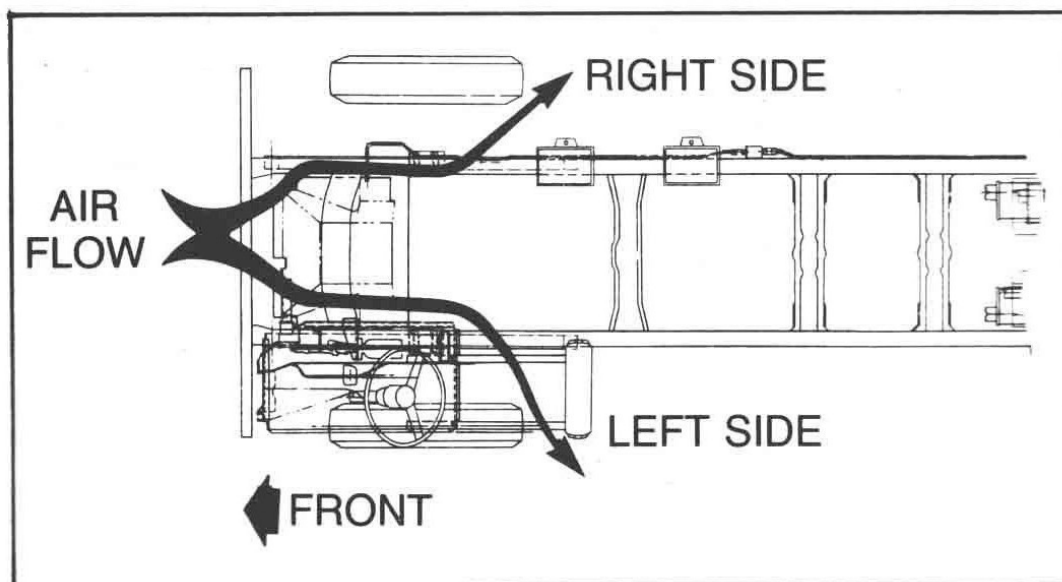
Chevrolet has determined that right side exhaust manifold and right side spark plug wire failure may be the result of inadequate air flow. This is due to the absence of a wheel-well panel on the right front wheel opening. This situation allows necessary engine cooling air flow to exit the engine compartment prior to passing the exhaust manifold and spark plug wires and thereby cooling the manifold and spark plug wires as occurs on the left side of the engine compartment.



Inadequate Engine Compartment Air Flow

EXHAUST MANIFOLD AND PLUG WIRE FAILURE

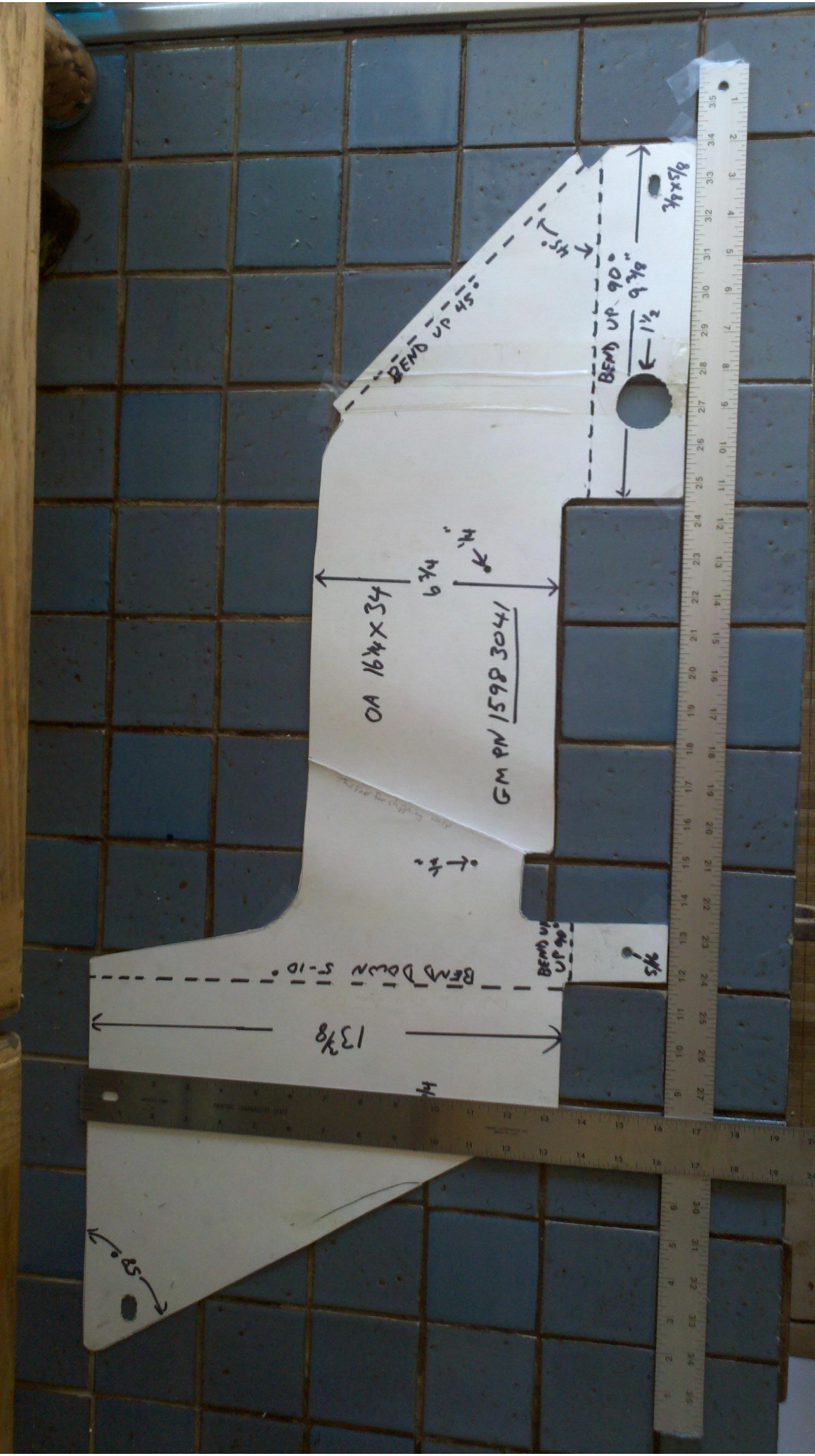
This condition can be corrected by fabricating a metal panel similar to the one used on the left side of the vehicle. Adding the panel forces the air flow to pass along the right side of the engine compartment thereby providing a cooling effect and greatly extends the manifold and spark plug wire life.



Corrected Engine Compartment Air Flow

Care must be taken in the design of the right side panel as to provide proper clearances around any hoses, wires and engine dress items and also to provide clearance for the tire throughout its movements. The panel should extend rearward to a point parallel to the number seven spark plug wire. The panel should be shaped and positioned similarly to the left side panel currently installed on the vehicle. Care must be taken to leave an opening at the rear of the engine compartment to allow cooling air to exit the engine compartment as on the left side panel.

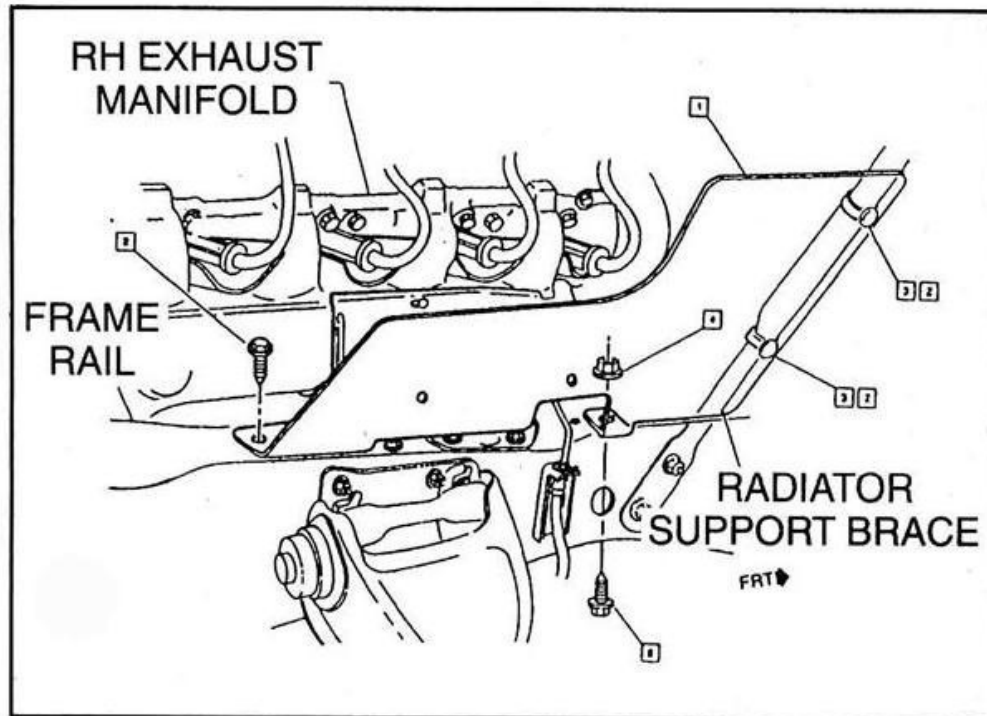
The motor home owner should be advised that when stopping the vehicle for fuel fill or rest stops after sustained highway driving, the engine should be allowed to idle for a period of three to five minutes before turning off the engine. This "idle time" allows the cooling fans enough time to reduce and stabilize the underhood temperature thereby increasing effective component life (spark plug wires, exhaust manifolds, belts, hoses, etc.).





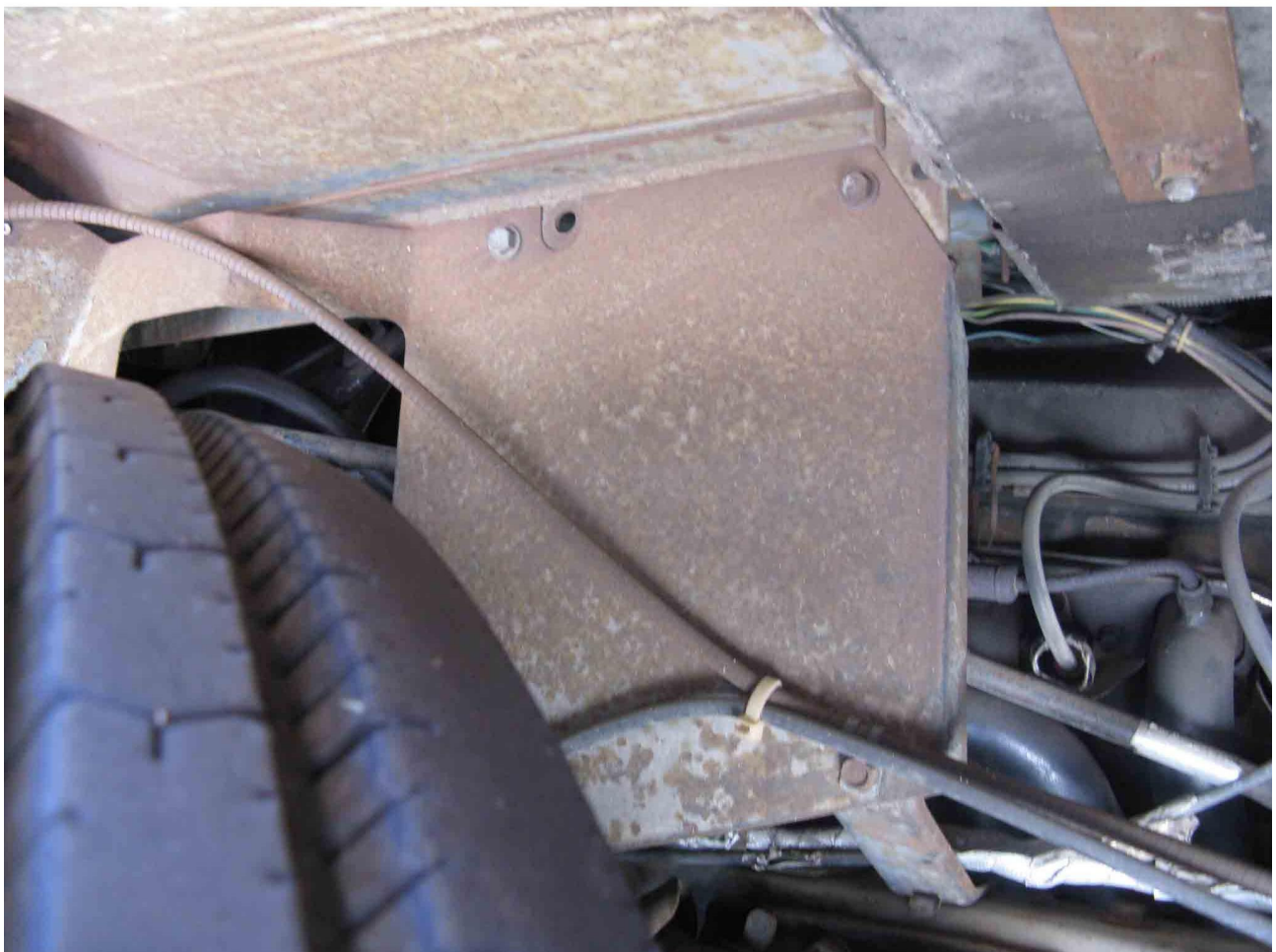






NOTE: Installation Of The Right Hand Engine Heat Splash Shield, GM Part# 15983041, Was Initiated On 7/15/1993 Starting With Vin#321432

*We've included a view of what the drivers side is
supposed to look - this was installed as original
equipment and should already be on your coach.*



From Template To Installation

