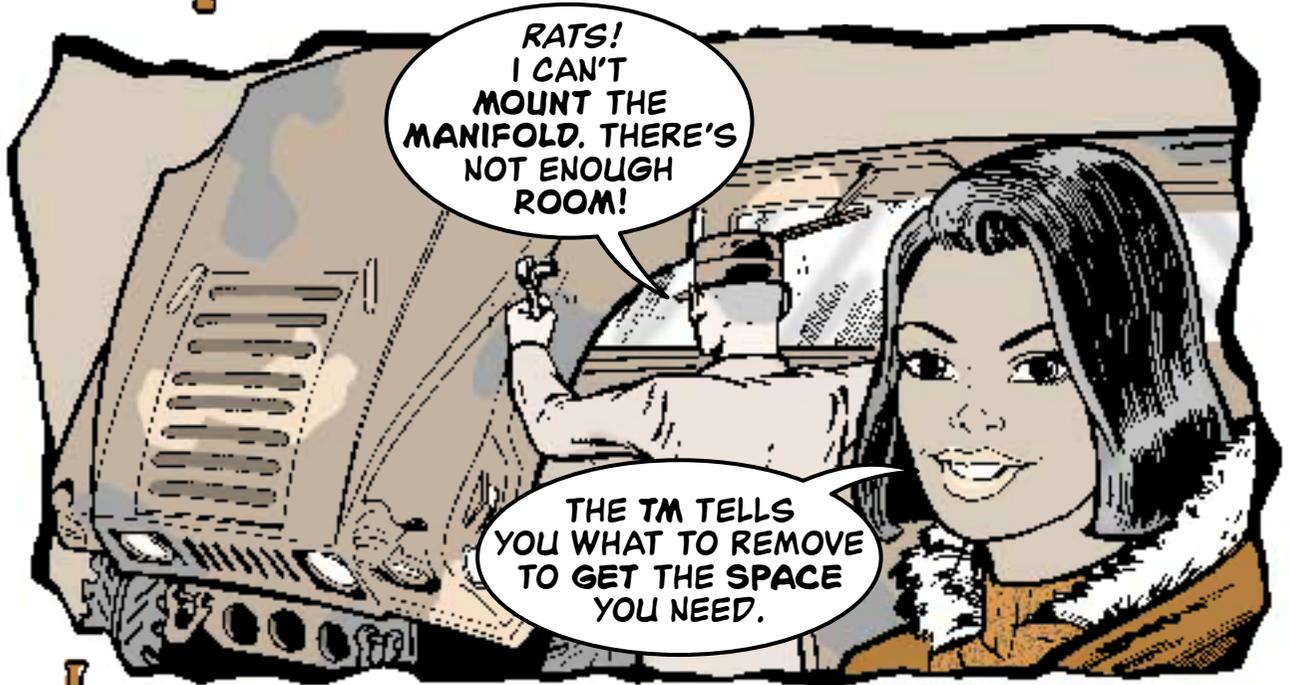


Stop Exhaust Manifold Breaks



It's a tough job, but you **can** mount the exhaust manifolds on a HMMWV engine right, tight and in one piece.

What it takes is patience and experience. Here's what you need to know:

- ❖ Make sure you have enough room to work so the manifold can be mounted properly on the engine head. Remove everything the TM tells you to remove so you have plenty of elbow space.

Working in tight spaces can create leaks and broken flanges as you try to make things fit where there's no room.

- ❖ Clean the head mounting surface and the manifold mating surface. Remove all traces of old gasket material. Leftover gasket material leads to seal leaks and a repeat job you don't need.

- ❖ Finger-tighten all screws and the alternator stud, and then torque them to 25–33 lb-ft.

Alternate the screw and stud tightening. This reduces the strain on manifold flanges and prevents leaks. Flanges often break when each screw is tight-

ned **completely** before others are snugged up.

