

SECTION 2-G

ENGINE MOUNTING ADJUSTMENT

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2-24 ENGINE MOUNTING ADJUSTMENT

The engine and transmission when properly aligned with the frame will rest in a normal position which does not impose any shear strain on the rubber mounting pads. See Figure 2-2.

Shims are installed in production to locate the transmission support between the frame rails with respect to the front engine mounts. For this reason it is important that the position of the support

not be changed by the removal of shims to move it side ways. Whenever it is necessary to remove the support, the number and location of the shims at each end of the support should be noted so they may be reinstalled in the same location.

The following procedure should be used when tightening mounts to obtain proper adjustment:

1. Loosen exhaust pipe or pipes at exhaust manifolds.

2. Loosen four engine mount to frame bolts.

3. Make sure that transmission support to frame shims are in original position and tighten all support to frame rail, support to mount, and mount to rear bearing retainer bolts.

4. Raise engine slightly to allow mounts to normalize. Lower engine and tighten engine mount to frame bolts.