

1984-85 GM "A" and "X" Bodies Engine Cradle Noise

1984-85 General Motors "A" Body and "X" Body cars may have a "popping" or "crunching" noise during braking or accelerating. In either case, the noise is caused by movement of the cradle assembly, or as a result of loose mounting bolts (torque to 85 Ft. Lbs.) or excessive movement within the cradle mount insulators. If the mounting bolts are properly torqued and the noise persists, it will be necessary to use a shim made from steel or brass shim stock .025 to .04 thick as per Illustration 1.

TO INSTALL THE SHIMS:

1. Raise the vehicle and support the cradle with a jack stand or suitable support placed under the rear cross member.
2. Remove one rear cradle bolt only at a time and lower the cradle just enough to eliminate pressure on the cradle mount insulator.
NOTE: ALLOWING THE CRADLE TO DROP EXCESSIVELY MAY CAUSE DAMAGE TO THE STEERING INTERMEDIATE SHAFT.
3. Remove the insulator and install the shim as per Illustration 2.
4. Reinstall the insulator and torque the mounting bolt to 85 Ft. Lbs.
5. Repeat the procedure on the opposite side.

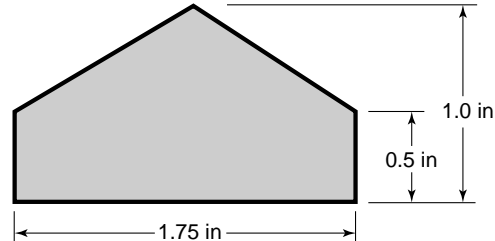


Illustration 1

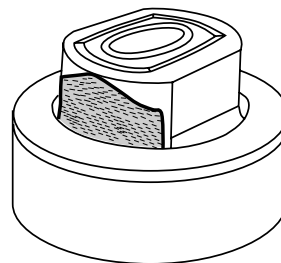


Illustration 2