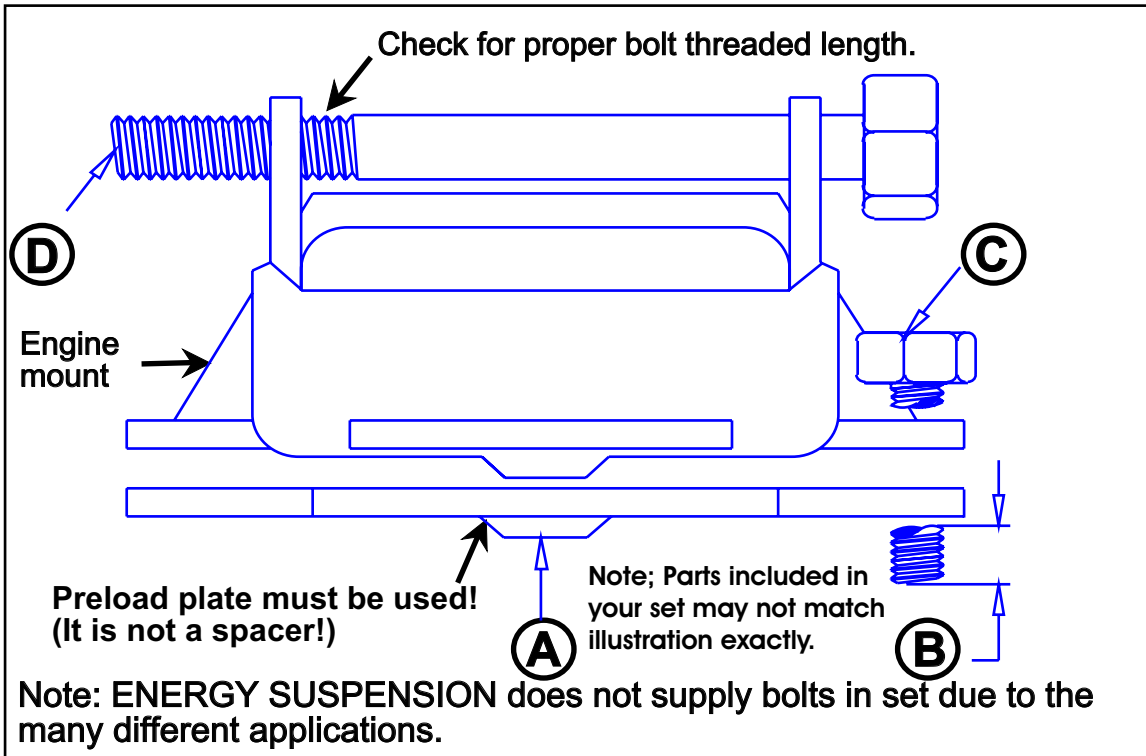


# INSTALLATION INSTRUCTIONS FOR 3-1141 and 3-1144 GM ENGINE MOUNTS.



1131 VIA CALLEJON, SAN CLEMENTE, CA 92673



- Ⓐ Preload plate must be installed with the detent protrusion facing the engine block.
- Ⓑ Bolt length must be at least 1 1/2 times diameter of bolt.
- Ⓒ Torque to 25-35 FT. LBS.
- Ⓓ Torque to 40-45 FT. LBS.

ENERGY SUSPENSION recommends replacing both right and left side engine mounts at the same time. Use a new lock nut at the frame bracket cross bolt location.

## ENGINE MOUNT REMOVAL

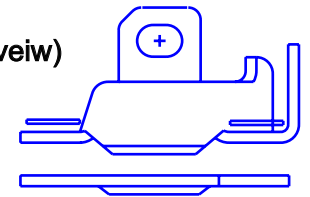
1. Disconnect battery for safety reasons.
2. Support engine with jack under suitable location or under oil pan with wood block.
3. Remove bolts and nuts securing mounts to frame bracket.
4. Raise engine slightly with jack. (clearances between fan and shroud are slight, use caution when jacking.)
5. Remove bolts or nuts attaching mount to block.

## ENGINE MOUNT INSTALLATION

(Note: due to unknown variation in aftermarket and factory engine mount bracket thickness, you must **check bolt threaded in length**. ENERGY SUSPENSION suggests that bolt threaded in length be no less than 1 1/2 times the bolt diameter.)

1. Position mount to block and install attaching hardware.
2. Lower engine into position and install bolt through frame brackets.
3. Remove jack.
4. Torque all nuts and bolts to factory specifications. (See notes "C" and "D")
5. Check fan and shroud for proper clearances.

(Engine mount side view)



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