

INSTALLATION GUIDE

LS ENGINE INTO A 1982-2004 CHEVY S-10 OR GMC S-15 (2WD only)

BEFORE YOU BEGIN:

- Read instructions thoroughly before beginning this installation.
- Before proceeding with this installation, you will need to source six (6) frame mount bolts, and locknuts (if vehicle does not have factory tapped frame mount bolt holes).
- This motor mount kit (or bracket set) is for use during the installation of an LS-1, LS-6, or Vortec V8 into the vehicles listed above. The use of properly configured engine mounts is only one of many aspects of this engine swap. Modification to accommodate various components (i.e. firewall, transmission crossmember), or the use of special aftermarket products designed for this engine swap will be required. This instruction sheet addresses the safe, and proper installation of motor mount kit only. For comprehensive, step-by-step directions, and useful tips for performing this complex project, we recommend the use of a V8 engine swap how-to guide.

THIS KIT INCLUDES:

QTY.	DESCRIPTION
1 pr	Engine Block Adapter Brackets
8 pcs	10mm-1.5 X 30mm Class 10.9 Hex Bolts
1 pr	Mount Pads
2 pcs	7/16" - 14 x 5" Gr. 8 Hex Bolts

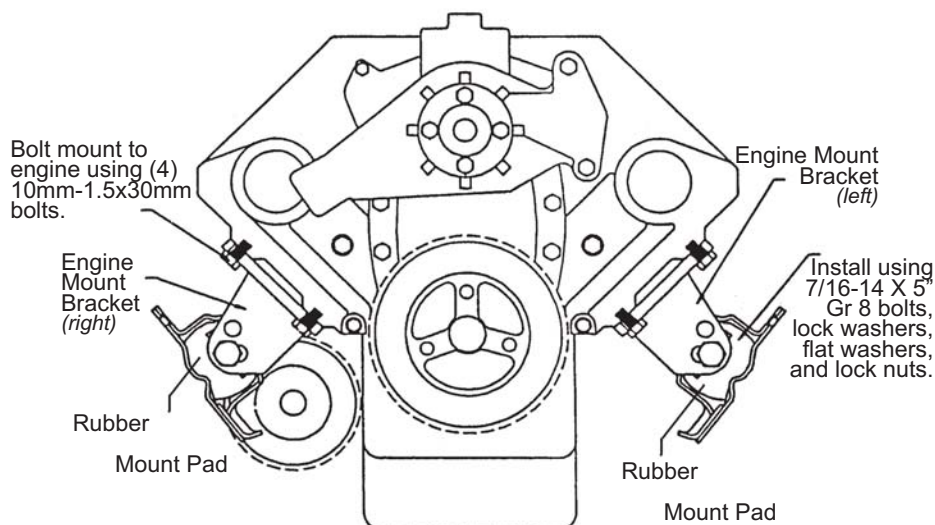
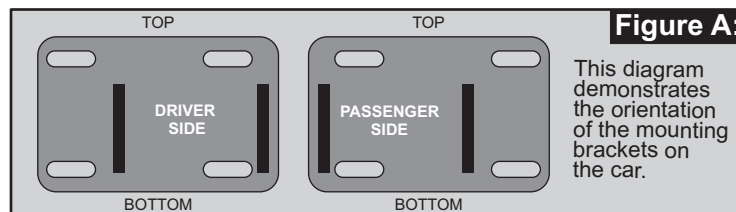
QTY.	DESCRIPTION
2 pcs	7/16" Flat Washers
2 pcs	7/16" Lock Washers
2 pcs	7/16" - 14 Lock Nuts

- Bolt the new frame mount pads (*included in this kit*) to the stock location on both sides of the vehicle frame, using three (3) bolts and locknuts (*not included*). If frame mount holes are threaded from the factory, you will not need locknuts. Do not install the engine brackets directly to the engine at this time.

1985-1993 Models

1985-93 model frametrails have tapped holes, which make bolting the pads to the chassis easy. For vehicles without tapped holes, either disassemble the "A" arm assembly, or cut a small access hole on the backside of the crossmember. This will provide clearance for both a wrench and a nut.

- Connect the driver and passenger side engine block mounting brackets to the rubber or all steel frame pads (*included*) using a 7/16"-14 X 5" hex head bolts, washers and lock nuts (*included*). See "figure A" for the correct orientation of the engine block mounting brackets.
- With the engine mount brackets and rubber frame mounts now connected, carefully lower the engine into positioned in the engine bay, and loosely bolt the engine bracket/rubber pad assembly to the engine block.
- When the engine is level and at the proper angle, tighten the engine brackets, frame mount pads and 5" connecting bolts to the correct torque spec.



IMPORTANT

This product has been designed for a specific application combination. Modifications to any of the components will void the product warranty and return privileges.