



LS Installation Guide for 1988-98 4WD GM truck & 1993-2000 4WD SUV



Hardware and Parts List

All motor mounts come with a lifetime warranty and free replacement upon return of any mount or bracket.

<u>Quantity</u>	<u>Item:</u>
2	Frame Brackets
2	Motor Mounts with 1/4" thick bushing washers
1	Hardware Pack

Installation Notes

- This engine mount kit locates the back of the LS block in the exact stock location. This allows you to bolt the LS engine right to the factory transmission and transfer case. IF you want to use an LS based transmission and transfer case, you will likely need to relocate the factory transmission Crossmember further rearward.
- Factory column shift linkage may need modification to work around headers.
- LS factory GM Truck oil pan can be used in this chassis
- The LS block clears the factory A/c box and power brake booster.
- Factory LS truck mechanical fan will line up with the factory fan shroud in the truck
- Factory Truck LS alternator and power steering fit nice. The LS truck A/c compressor will not clear the frame. Must use High mount A/c bracket
- Factory truck LS exhaust and intake manifolds fit nice in this chassis

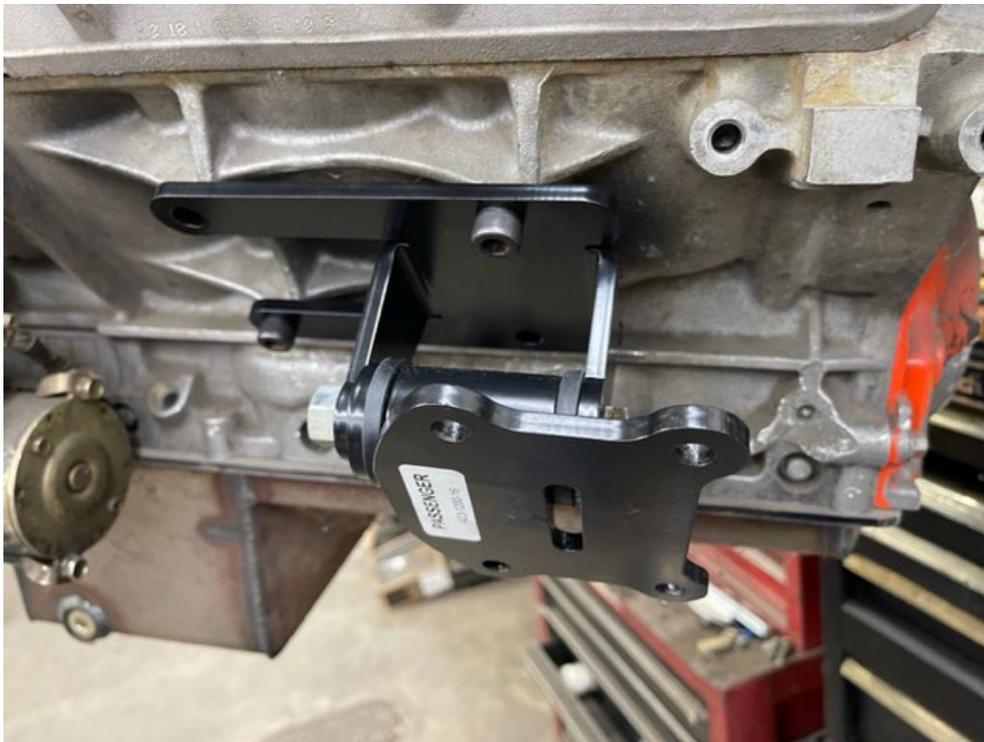
Locate the Driver's Side (LEFT) and Passenger's Side (RIGHT) motor mounts and loosely bolt them to the engine using the supplied 10mm allen head bolts, now loosely bolt the Driver's Side (LEFT) and Passenger's Side (RIGHT) frame brackets to the engine mounts using the supplied ½"-13 x 4" long bolts and nylon lock nuts. (The bolts will be tightened after the engine is set in place and everything is lined-up)



Detailed view of driver's side engine mount and frame bracket on engine



Notice the included $\frac{1}{4}$ " thick washer that goes between the frame mount bushing and engine mount tab. This keeps the Bushing from wanting to push out of the frame mount under high loads.

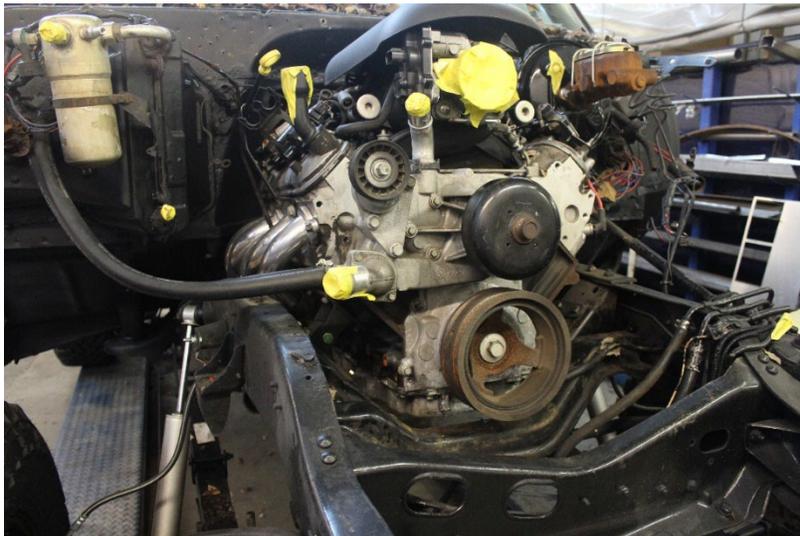


Detailed view of passenger's side motor mount and frame bracket on engine



Notice the included $\frac{1}{4}$ " thick washer that goes between the frame mount bushing and engine mount tab. This keeps the Bushing from wanting to push out of the frame mount under high loads.

Lower the engine into the chassis and align the frame bracket to frame bolt holes and loosely install the 3/8-16 x 1" bolts, flat washers and nylon lock nuts.



Once the block is bolted to the transmission, you can now go ahead and tighten all frame mount bolts and engine mount bolts.

Road test your vehicle to familiarize yourself with its new handling characteristics. BRP cannot supervise your installation of these parts and systems cannot be held responsible more than the cost of the kit and/or parts. The vehicle should be operated normally. Contact BRP if you need anything or if we can be of assistance. (Check the BRP web site for additional help).

Thank you for purchasing a Muscle Rod conversion kit proudly made in the USA.