

Item # 4008

1968-1972 LS Conversion Engine Mounts for GM A-body



IMPORTANT NOTES

Follow all applicable safety rules when working on or under your vehicle. Jack stands, safety glasses, fire extinguisher available, etc.

UMI Performance is not responsible for clearance issues which may arise during an LS engine swap. By its very nature, this swap is complex and may require cutting, fitting, fabrication and relocation of components.

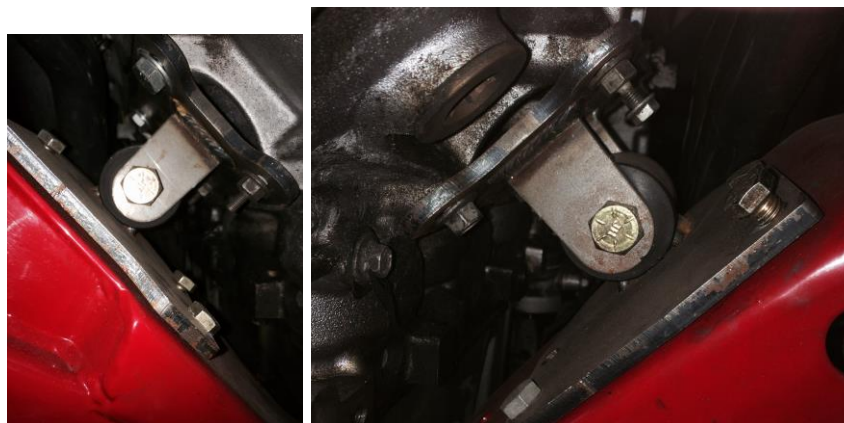
Item #4008 requires frame notching to run low mount A/C as factory on many LS engines.

We used an LS1 oil pan on our test car, a 1972 LeMans. These mounts are designed to place the engine with the LS1 oil pan approximately 1/8" above the crossmember. Your results may vary and of course your pan choice may contribute to random clearance issues which in turn may require fabrication. We recommend the Holley 302-2 oil pan if any clearance issues arise during this swap.

1. Begin by deciding if you will be running a lower passenger side mounted A/C compressor. If so, fabrication is required as shown.



2. Install the lower mounts on the chassis. The notched bracket is the passenger side unit and is secured by three fasteners. Install fasteners and finger tighten to allow movement during engine install. Due to frame variations you may have to drill additional holes for installation.
3. Use a flat washer on the bolt head and a flat washer/lock washer combination on the nut.
4. The second bracket is installed on the drivers side with four fasteners. Install fasteners and finger tighten to allow movement during engine install.
5. Use a flat washer on the bolt head and a flat washer/lock washer combination on the nut.



6. Bolt the upper mounts to the LS engine block using the M10 bolts and washers. The standoffs should be forward on the mounts and the offset hole should be up as shown in the photo above.
7. Torque to 55 ft-lb.
8. Lower engine into place and push M12 X 100 bolts through.
9. Use a flat washer under the bolt head and under the Nylock nut.
10. Torque to 65 ft-lb.
11. Final tighten the 7 engine mount bolts to 35 ft-lb.



Holes offset towards top of motor. Standoffs crowded towards front of motor as shown above.

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UMI Performance Inc.
Made in Philipsburg, PA - USA

Qty 1	Pass side mount
Qty 1	Drivers side mount
Qty 2	Engine-side mount
Qty 7	3/8-16 x 1-1/4" GR 8 Hex Bolt
Qty 7	3/8-16 GR 8 Nut
Qty 7	3/8 Lock Washer
Qty 2	M12 x 100mm 10.9 Hex Bolt
Qty 2	M12 Nylon Lock Nut
Qty 4	M12 Flat Washer
Qty 22	M10 Flat Washer
Qty 8	M10 x 30mm 10.9 Hex Bolt