



# INSTALLATION INSTRUCTIONS

PART# 4572 & 4592

LS SWAP MOUNTS

(4592 WITH PADS for 71 and older vehicles)

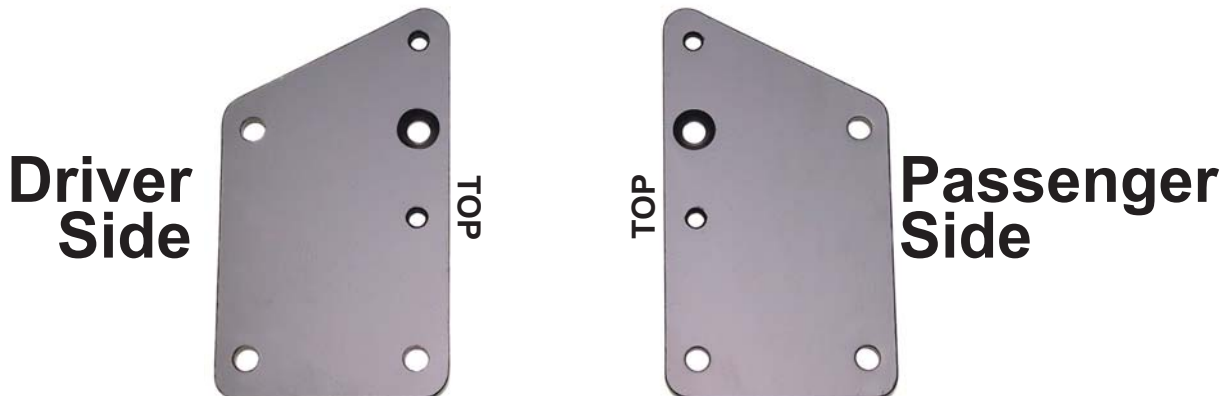
## LS-Series Engine (4.8L-6.2L) Into SB/BB Chevy GM Vehicle

### THIS KIT INCLUDES:

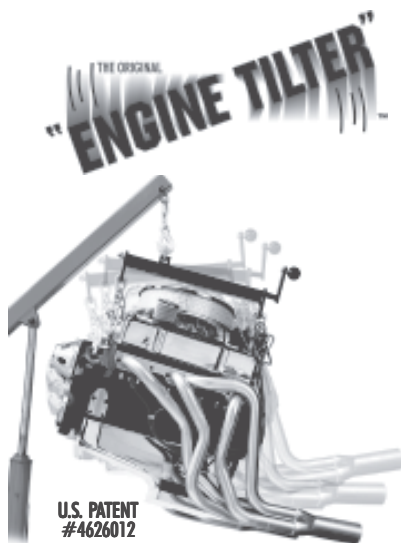
Qty.	Description	Qty.	Description
1	Steel Motor Mount Adapters (one right & one left)	4	3/8" Lock Washers
2	9525 Mount Pads (4592 Only)	6	Heat Treated Flat Washers
4	3/8"-16 x 1" Grade 8 Hex Head Bolts	6	10mm-1.5 x 30mm Grade 8 Hex Head Bolts
4	3/8"-16" Lock Nuts	2	10mm-1.5 x 25mm Flat Head Bolts

1. Remove Factory mounts from LS1 Block and replace with Trans-Dapt adapter plates using three 10mm bolts (two hex head & one flat head each).
2. Use threadlocker on all bolts. Install mount pad using the two 3/8" bolts & lock washers through the threaded (top) holes in plate. Place two lock nuts behind the mount adapter plate for added support. Be sure to use the six flat washers under the mount pads, or stock clamshells, for spacing. You will need to install the final 10mm hex head bolt through the bottom of the mount pad and into the block. **Torque to factory specs.**
3. **Note:** Be sure to install mount plates according to photo below. Do not reverse them. They are not symmetrical and designed to fit one side of the engine only. These adapter plates will move the mount pads forward to the factory location. **You must use a passenger car A/C compressor. A truck A/C compressor will not work.** Modification to the A/C bracket may be required for added clearance. Use additional shims, as necessary, to raise the engine off the crossmember. Use Trans-Dapt motor mount shims part number 4125. If your vehicle has clam shell style mounts you will need to use the complete factory mount system and Trans-Dapt #4572 mount plates only. Modification to the clam shell may be necessary.
4. Modification to the transmission crossmember will be necessary to install the late model transmission. Trans-Dapt manufactures a wide variety of universal transmission crossmembers to assist you in the installation (see reverse side of this sheet).

Front of Engine



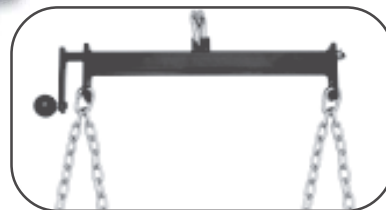
# TO MAKE YOUR ENGINE INSTALLATION EASIER BE SURE TO USE: THE "ENGINE TILTER" ENGINE LEVELING DEVICE



The Trans-Dapt "ENGINE TILTER" will save you valuable time & money! It makes engine removal and installation a breeze. The position of the engine can be precisely altered with a simple turn of the handle.



**BLACK Powder Coated Finish**



The Engine Tilter weighs only 14 lbs., but is shop rated with a 1,200 pounds capacity. It comes fully assembled and includes an upper lap link and four 20" chains.

PART#	DESCRIPTION
9099	The "ENGINE TILTER"

NOTE: Four grade 8 bolts & large washers (not included) must be used to attach chains to the engine. In addition, make sure the device holding the tilter has a sufficient shop rating.

## UNIVERSAL TRANSMISSION CROSSMEMBERS

If a universal transmission crossmember is needed, Trans-Dapt offers a full line of transmission crossmembers to be used with our motor mount crossmembers. See part numbers below.

TRANSMISSION	DROP	CROSSMEMBER PART NUMBERS		
		with RUBBER PAD	with POLYURETHANE PAD	CROSSMEMBER ONLY (NO PAD)
Powerglide, TH350, TH400	NO Drop	4558	4548	4538
Powerglide, TH350, TH400	3	4559	4549	4539
Powerglide, TH350, TH400	6	9444	9474	9424
700R4, 4L60E & T56	NO Drop	6538	6548	6558
700R4, 4L60E & T56	3	6559	6549	6539
700R4, 4L60E & T56	6	6544	6534	6524
Ford C4 & C6	NO Drop	6521	6522	4538
Ford C4 & C6	3	6523	6525	4539
Ford C4 & C6	6	6526	6527	9424



4559



6538

Design varies by part number.