



# INSTALLATION INSTRUCTIONS

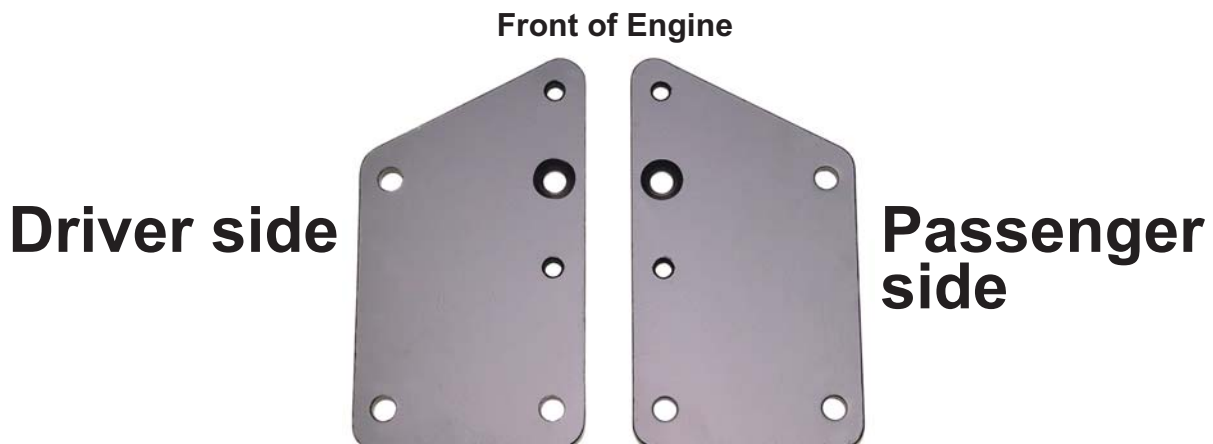
**PART# 4572 & 4592  
SWAP MOUNTS  
(4592 WITH PADS)**

## LS1 TO FACTORY SMALL BLOCK CHEVY CAR OR TRUCK

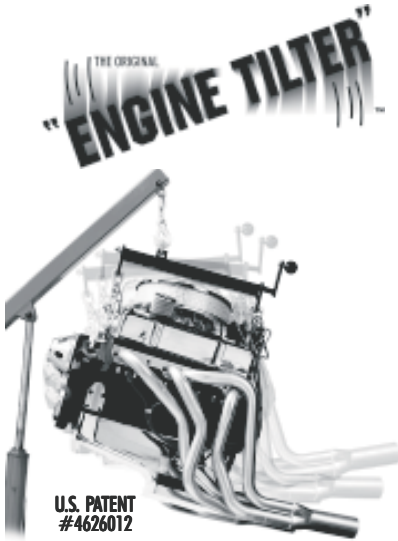
### THIS KIT INCLUDES:

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	4	10mm - 15 x 30mm Grade 8 Hex Head Bolts
4	3/8" - 16" Lock Nuts	2	10mm - 15 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. Install mount pad using the two 3/8" bolts & lock washers through the threaded (top) holes in plate with two lock nuts behind mount adapter plate for added support. Be sure to use the six flat washers under the mount pads for spacers. You will need to install the final 10mm hex head bolt through the bottom of the mount pad (into the block). **Torque to factory specs.** Use thread lock on all bolts.
3. Note: Be sure to install mount plates according to photo below. Do not reverse them, since they are 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. Also add additional shims 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. **Use Trans-Dapt Engine Tilter part number 9099 to make the installation of your LS1 safe and easy. It is made in the USA and can handle up to 1,200 lbs.**
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 your local dealer or [www.tdperformance.com](http://www.tdperformance.com).



**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.

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.

PART# w/ GM Pad	PART# w/o Pad	
4558	4538	- Straight Universal Crossmember
4559	4539	- 3 DROP Universal Crossmember
9424	9444	- 6 DROP Universal Crossmember
6538	6558	- Straight 700R4, 4L60E & T56
6559	6539	- 3 DROP 700R4, 4L60E & T56
6544	6524	- 6 DROP 700R4, 4L60E & T56



Design varies by part number.



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**TRANS-DAPT PERFORMANCE PRODUCTS**  
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