



# SWAP MOUNT KIT INSTRUCTION SHEET PART # 4546 & 4566 Small Block Chevy V8 to Jeep YJ Wrangler

## INSTALLATION INSTRUCTIONS

Small Block Chevy in to a 1987-1996 Jeep YJ Wrangler Part Number 4566 Includes mount pads. Part number 4546 Does Not Include mount pads.

**Important! Read all instructions before you begin installation.**

### THIS KIT CONTAINS

1 - Trans-Dapt Crossmember	2 - 7/16"-14 X 4" bolts
2 - Heavy Duty Motor mounts (Only in kit #4566)	2 - 1/2"-13 nuts
6 - 5/16" flat washers	4 - 1/2" lock washers
6 - 3/8" lock washers	4 - 1/2"-13 X 1" grade 8 bolts
6 - 3/8-16 X 1" grade 8 bolts	2 - 9/16"-12 nylon lock nuts
2 - 7/16"-14 nylon lock nuts	2 - 9/16" flat washers
2 - 7/16" lock washers	2 - 9/16"-12 X 1 1/2" grade 5 bolts
4 - 7/16" flat washers	2 - 5/8"-11 X 3 1/2" grade 5 bolts
2 - 7/16"-14 X 3 1/2" bolts	2 - 5/8" lock washers
	2 - 5/8" mount spacers

### Installation Procedures:

This Crossmember engine swap kit has been designed to be used with 1987-1996 Jeep YJ Wranglers using a stock GM or a **Trans Dapt Slamguard** oil pan. If you are planning on using an after market oil pan the front depth should not exceed 3 5/8". **NOTE: This kit will not work with LT1, LS1 or 383 stroker.**

The stock motor mounts must be completely removed from the frame before the Trans Dapt Crossmember can be installed. It is also recommended to remove the front shocks for ease of installation. Modifications to the skid plate (re-drilling) is required for all applications.

We have engineered this Crossmember mount to position the engine in the best possible location for serviceability. Driveshaft modification may be required for some applications. We have included 2 5/8" spacers to allow lateral adjustment. By using these spacers you can adjust the motor mount pads 5/8" to the front or rear of the Crossmember. This will allow you 1 1/4" of overall adjustment from front to rear. The 7/16 flat washers must be used on both sides of the bolt that slides through the mount pad. We have also a longer set of 7/16" bolts for use with the spacers.

Mount the Crossmember using the factory motor mount holes on the shock towers. Install the Crossmember so the mount perches are aiming to the rear of the vehicle. The lower bolt comes through the outside of the shock tower and threads directly into the threaded end of the Crossmember. The upper bolt and washer is to be installed from the inside out with a nut and washer inside the shock tower. We highly recommend the use of thread locker on all nuts and bolts.

### Installation Tips:

Use Trans Dapt Engine Tilter 9099 for a trouble free installation. Be sure to check out the Newest Trans Dapt catalog for the largest selection of EFI /Carb. Spacers and adapters available. You can order a catalog by sending a check or money order for \$4.00 to the address above.