SWAP MOUNT KIT
INSTRUCTION SHEET
PART # 4546, 4556 & 4566
SB Chevy V8 to Jeep Wrangler (YJ)

INSTALLATION INSTRUCTIONS

Small Block Chevy in to a 1987-1995 Jeep Wrangler YJ.
Part# 4556 and 4566 Include mount pads. Part# 4546 Does Not Include mount pads.

Important! Read all instructions before you begin installation.

- *NOTE: This kit will not work with LS1 engines or LT1 or 383 stroker due to oil plan clearance.*
- *This engine swap crossmember kit has been designed to be used with 1987-1995 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".*
- *AN electric fuel pump is required to complete this installation on all vehicles*

THIS KIT CONTAINS

1 - Trans-Dapt Crossmember
2 - Engine mounts *(4556 & 4566 only)*
6 - 3/8" flat washers
6 - 3/8" lock washers
6 - 3/8-16 X 1" grade 8 bolts
2 - 7/16"-14 nylon lock nuts
2 - 7/16" lock washers
4 - 7/16" flat washers
2 - 7/16"-14 X 3 ½" bolts
2 - 7/16"-14 X 4" bolts
2 - 1/2"-13 nuts
4 - 1/2" lock washers
4 - 1/2"-13 X 1" grade 8 bolts
2 - 9/16"-12 nylon lock nuts
2 - 9/16" flat washers
2 - 9/16"-12 X 1 ½" grade 5 bolts
2 - 5/8"-11 X 3 ½" grade 5 bolts
2 - 5/8" lock washers
2 - 5/8" mount spacers

Installation Procedures:

The stock motor mounts must be completely removed from the frame before the Trans Dapt Crossmember can be installed. It is also recommended that you 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 ¼" 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 included 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.

12438 Putnam Street • Whittier, CA 90602 tel (562) 921-0404 • fax (562) 921-7515
website: www.hedman.com • email: techsupport@hedman.com