



INSTALLATION INSTRUCTIONS for

PART#4671
MOTOR MOUNT KIT (Mount Brackets & Pads)

PART#4691
MOTOR MOUNT PLATES (NO Pads)

Small Block Chevy V8 Engine into 4.3L Chevy S-10 & GMC S-15 (2WD)

Qty.	Part No.	Description
1	4671/4691	Pair of Engine Mount Plates
6	HDW366	3/8" - 16 x 1" Grade 8 Bolts
6	HDW372	3/8" - 16 x 3/4" Grade 8 Bolts
12	HDW321	3/8" Lock Washers
12	HDW322	3/8" Flat Washers
1	4218	Pair of Mount Pads (4671 Only)

IMPORTANT: This motor mount kit (or bracket set) is for use during the installation of a SB Chevy engine into the vehicles listed above. The use of properly configured engine mounts is only one of many aspects of this engine swap. Modification to various components (i.e. firewall, transmission crossmember), or the use of special aftermarket products designed for this engine swap will be required. This instruction sheet addresses the safe, and proper installation of Trans-Dapt's motor mount kit only. For comprehensive, step-by-step directions, and useful tips for performing this complex project, we recommend the use of a V8 engine swap how-to guide.

#4671 (Replaces stock 4.3L pads) INSTALLATION INSTRUCTIONS

Remove the stock stock 4.3L motor mount pads from the engine.

Using the 3/8"-16x1" Grade 8 bolts, lockwashers, flatwashers (included in the kit), and threadlocker (i.e. Loctite™), loosely bolt the new motor mount plates at the stock location on the engine block. Use the slotted holes to bolt plate to the engine block. (See fig. A)

Using the factory bolts, loosely attach the new motor mount pads to the new motor mount brackets on the engine block. Do not tighten at this time.

Loosely bolt the (#4218) motor mount pads to the new (#4691) mounting plates, using the 3/8"-16x3/4" Grade 8 bolts, lockwashers, flatwashers (included in the kit), and threadlocker (i.e. Loctite™).

Lower the engine into it's final position in the engine compartment. Fasten the mounting pads to the frame rail perches using the stock bolts. Once the engine is in it's final location, tighten the bolts that fasten the engine block mounting plates, to the engine block. Torque these bolts to the engine manufacturer's specifications.

Tighten the bolts that fasten the Trans-Dapt Motor Mount Pads to the new Trans-Dapt engine block plates.

Torque the bolts connecting the motor mount pads to the stock 4.3L frame rail perches.

#4691 (for use with stock 4.3L pads) INSTALLATION INSTRUCTIONS

Inspect the stock 4.3L motor mount pads for wear or damage. If worn or damaged, do not reuse them. If pads are worn or damaged, replace them with Trans-Dapt motor mount pads # 4218, or purchase a set of GM replacement pads. If the stock pads are reusable, set them aside. They will bolt directly to the new Trans-Dapt engine block motor mount plates.

Using the 3/8"-16x1" Grade 8 bolts, lockwashers, flatwashers (included in the kit), and threadlocker (i.e. Loctite™), loosely bolt the new motor mount plates to the stock location on the engine block. Use the slotted holes to bolt the plates to the engine block. (See fig. A)

Loosely bolt the stock motor mount pads to the new (#4691) mounting plates, using the 3/8"-16x3/4" Grade 8 bolts, lockwashers, flatwashers (included in the kit), and threadlocker (i.e. Loctite™).

Lower the engine into the engine compartment. Couple the stock 4.3L motor mount pads (now on the engine block) to the framerrail perches, using the factory bolts, nuts and washers.

Once the engine is position in it's final location, tighten the bolts that fasten the engine block mounting plates to the engine block. Torque these bolts to the engine manufacturer's specifications.

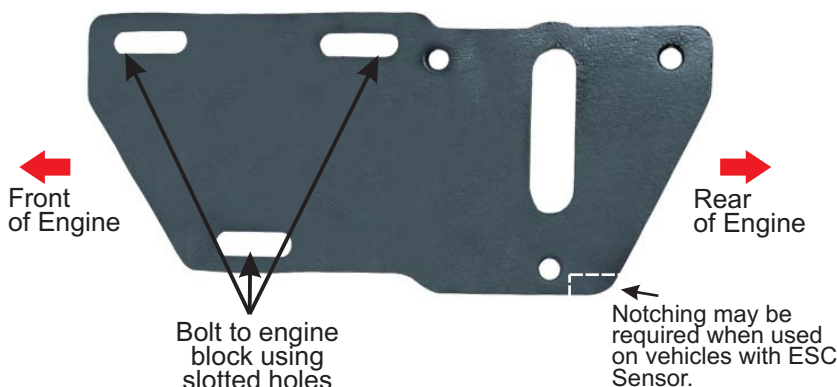
Tighten the bolts that fasten the stock 4.3L pads to the new Trans-Dapt engine block plates. Tighten the bolts connecting the motor mounts to the framerrail perches.

VEHICLES WITH ELECTRONIC SPARK CONTROL (ESC) SENSOR

If you are using a late model block that utilizes an Electronic Spark Control Sensor, also known as an ESC or "knock" sensor (near the oil pan on the drivers side), you will need to install a 45° brass street elbow (Dorman®: part number 490-117 or equivalent) to move the sensor from the original location. The sensor will still operate to factory specs. A 1/4" x 3/4" notch will also need to be cut in to in the mount plate to clear the 45 deg. street elbow (Figure A).

(Figure A)

Engine Block Mounting Plate



This motor mount kit is optimized to work best with Hedman Heddners S10, V8 engine swap hedder #69528 (ELITE model) or 69520 (standard uncoated).

IMPORTANT

This product has been designed for a specific application combination. Modifications to any of the components will void the product warranty and return privileges.