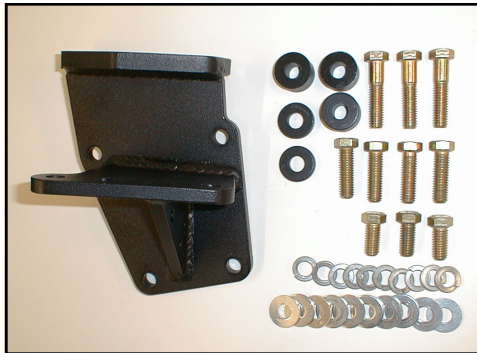




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INSTRUCTIONS FOR M.O.R.E.™ SB7686 Steering Box Bracket H.D.

Please read Terms/Policies on page 2 before installing



CONTENTS of KIT:

Qty:	Description:
1	Bracket-Steering Box H.D.
3	Bracket to Box Spacers (3/4" thick)
1	Bracket to Box Spacer (1/4" thick)
1	Frame to Bracket Spacer (1/4" thick)
3	7/16" x 2" Bolts
4	7/16" x 1-1/2" Bolts
3	7/16" x 1" Bolts
10	7/16" Flat Washers
10	7/16" Lock Washers

Please read all instructions before installing.

This Steering Box Bracket H.D. (Heavy Duty) is designed to fit 1976-1986 Jeep® CJ-5, CJ-7, CJ-8 vehicles. Please read and understand all instructions before installing. Due to the fact that this bracket is over 300% stronger than the stamped steel factory bracket, the stress loads of large tires will be transferred directly to the frame. Because of the strength of this bracket, your frame should be checked often for signs of cracking and stress. For this reason we recommend using the optional third crossmember mounting hole. See STEP 2 for instructions on using this hole. (Hardware has been provided in your kit for the use of this hole.) You may also consider our Steering Box Brace (#SB9037) and our Frame Plates (#FP100), to help transfer the load to the passenger side frame rail, and add more strength to the Jeep® CJ frame.

FIT and TOLERANCES: This kit is the result of countless hours of research, testing, fitting and refining. Jeep® frames have a wide tolerance on bolt hole centers from frame to frame. In addition to the factory tolerances, most people install other than factory equipment (i.e.: steering gear boxes, bumpers, springs, winches, shackle reversal systems, etc.) M.O.R.E.™ has done the best job we can to insure that this part fits with several of the possibilities. However, you may find it necessary to modify (i.e.: grind, elongate, bend, or force) the parts in this kit, or other parts on your Jeep®, to fit on your rig. Please use common sense when installing these parts and understand that once you modify this part in any way, shape or form, it is not returnable.

STEP 1: Remove steering box and bracket from frame. It is not necessary to disconnect the steering box from the pitman arm (or pitman arm from the drag link), or to disconnect the power steering hoses. Only remove all bracket to frame bolts and, box to bracket bolts. Support the box with a floor jack or blocks. Be careful not to damage the hoses! The old stamped steel brackets can now be discarded.

STEP 2: For extra strength the Steering Box Bracket has been designed to use a third bracket-to-crossmember bolt. This hole must be drilled in the crossmember using the bracket as a template. To do this, set the bracket on TOP of the crossmember with the third hole toward the driver side frame rail. (**See Figure 1** for location of third hole in the bracket). Align the two existing holes and loosely thread two of the 7/16 bolts in the bracket from the bottom. Now with the bracket held in position by the two bolts, mark the location for the third hole. Remove the bracket, center-punch the location and drill with a 1/2" drill. Deburr the hole top and bottom.

STEP 3: Locate the ¼" bracket to box spacer, 1-½" bolt, flat washer and lock washer. Put the lock-washer then the flat washer onto the bolt and insert through the hole on the bracket that is labeled #1 in figure 2, with the flat edge of the spacer facing the bracket. **See figure 2.** (Note that the spacer goes on the opposite side of the bracket from the washers). We recommend a dab of thread locking compound (Lock-Tight) be placed on all of the mounting bolts. Now loosely thread the bolt into the hole of the steering box. Now all remaining box to bracket bolts and spacers can be assembled in the same manner. Pay careful attention to assure that the flat side of the spacers are facing the bracket. Once all four bolts are in, torque to approximately 45 ft/lbs.

STEP 4: This step will be much easier with someone to assist in holding up the bracket while the bolts are started. Lift assembly into position and align top two holes on the bracket with the existing holes in cross-member. Loosely start both 1" bolts with flat and lock washers from the top. Tighten these bolts down to finger tight only (these should not be tightened until all other bolts and spacers are in place.) Place remaining spacer (bracket to frame) between frame and bracket aligned with the rearmost hole. Front two holes of bracket should be aligned over the shackle mount (or Shackle Reversal System front pivot bracket). Insert 1-½" bolts using flat and lock washers through all three holes and finger tighten. Tighten bolts through crossmember first and then bolts through the frame. Torque bolts on crossmember to 45 ft/lbs. and bolts on frame to 35 ft/lbs.

Final Notes: Start vehicle and turn wheels lock to lock several times to check for any signs of binding or unusual noises. Torque on all bolts should be checked after the first few hours of use and then periodically after that.

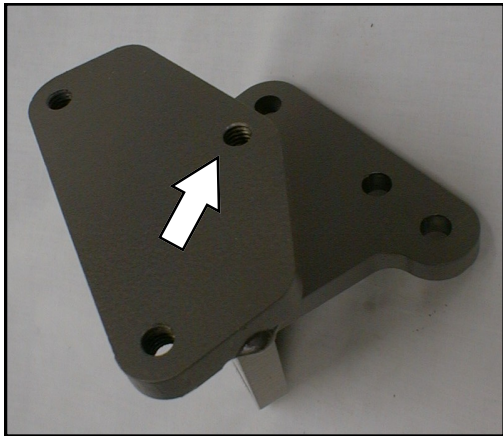
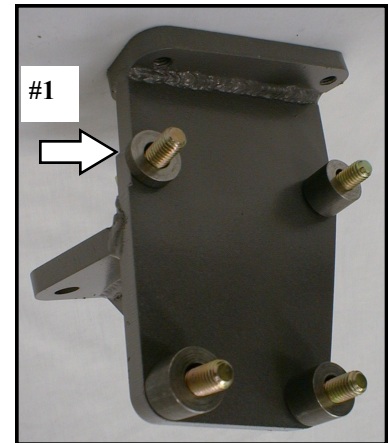


FIGURE 1

This picture shows the optional 3rd mounting location that you must drill a hole in the crossmember for.

FIGURE 2

This picture shows the H.D. Bracket as it would be installed in the Jeep. The thin spacer is placed on the upper left mounting bolt. (#1).



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Specifications are subject to change without notice.

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