

# Installation Instructions

**Part Numbers:**

## Electrical Relocation Bracket Service Kit

**58318**

### for 2007 “New Body Style” Chevy/GMC 2500/3500 Heavy Duty Pickups

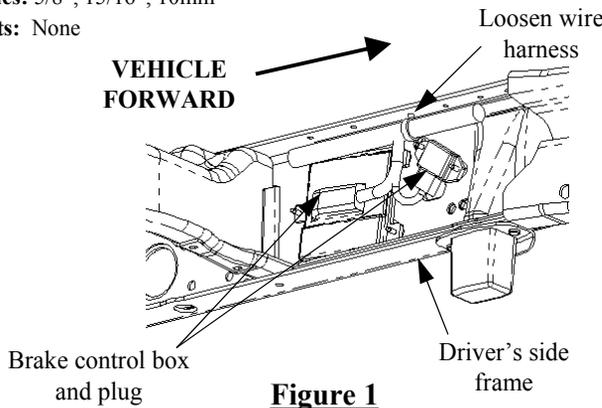
Use with 6380, 6385, 30061, 30082, 50041, 50113, and 50123 Mounting Kits

**Equipment Required:**

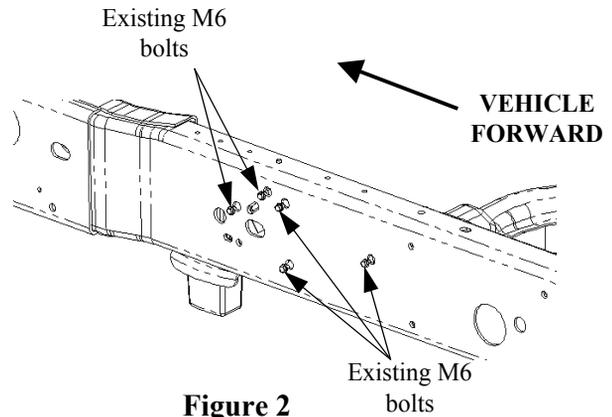
**Fastener Kit:** 58318F

**Wrenches:** 5/8”, 15/16”, 10mm

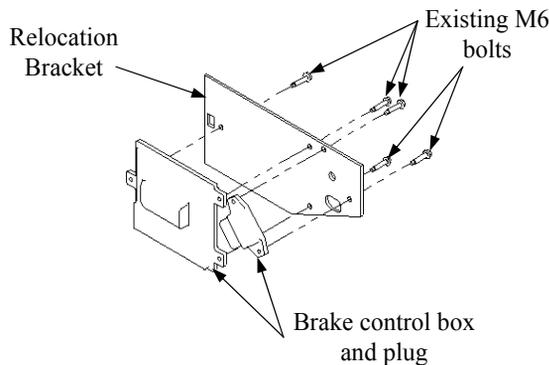
**Drill Bits:** None



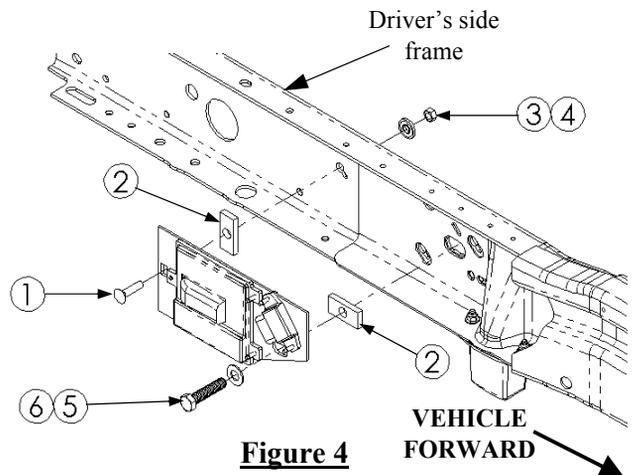
**Figure 1**



**Figure 2**



**Figure 3**  
Wires not shown



**Figure 4**

1	Qty. (1)	Carriage Bolt, 7/16"-14 x 1-3/4"	6	Qty. (1)	Hex bolt, 5/8"-11 x 2-3/4", Gr8
2	Qty. (2)	Spacer, 3/8" x 1-1/8" x 2-1/2"	7	Qty. (1)	Lockwasher, 5/8"
3	Qty. (1)	Conical Washer, 7/16"	8	Qty. (1)	Hex Nut, 5/8"-11, Gr8
4	Qty. (1)	Hex nut, 7/16"	9	Qty. (1)	Flat washer, 1/2" (not shown)
5	Qty. (2)	Flat washer, 5/8"	10	Qty. (1)	Hex bolt, 1/2"-13 x 2-1/2", Gr5 (not shown)

1. This kit is only needed for 2007 “New Body Style” and newer Heavy Duty pickups having the optional factory trailer brake control. It should be done prior to installing the mounting kit’s frame bracket. Figure 1 shows the electronic control box and plug on the inside of the driver’s side frame just rearward of the axle.
2. Completely remove the five (5) M6 hex flange bolts that hold the brake control box and plug in place, as shown in Figure 2. Keep them for later use.
3. Detach the wire harness from the top of the frame as shown in Figure 1 to make installation of the relocation bracket easier.
4. Attach the brake control box and plug to the bracket included in this kit. Use the five (5) M6 hex flange bolts that were removed in Step 2. See Figure 3.
5. Attach the relocation bracket with the electrical components to the inside of the frame as shown in Figure 4. The forward bolt will also be used to attach the mounting kit frame bracket.

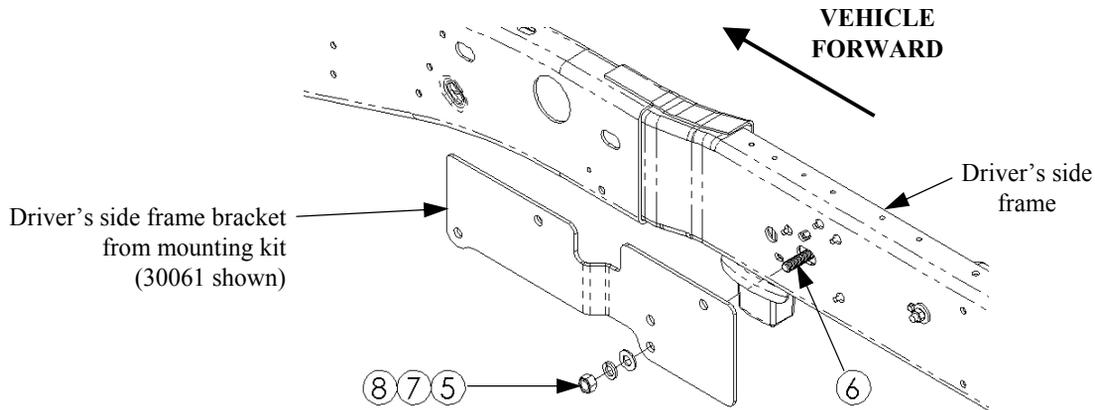
**Note:** If installing the 6380 or 6385 kit, use 1/2” hardware Items 9 and 10 (not shown). For all other kits, use 5/8” hardware Items 5 and 6.

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**Figure 5**

6. On the outside of the frame, position the driver's side frame bracket so that the forward mounting bolt that was installed in Step 6 goes through the mounting hole in the frame bracket. Install the washers and nut as shown in Figure 5.

**Note:** If installing 6380 or 6385 with 1/2" hardware, use the 1/2" washer and nut included in the mounting kit to fasten the frame bracket to the bolt.

**Tighten all 7/16"-14 Gr5 fasteners to 50 ft-lb (68 N-m) torque.**

**Tighten all 1/2"-13 Gr5 fasteners to 75 ft-lb (102 N-m) torque.**

**Tighten all 5/8"-11 Gr8 fasteners to 150 ft-lb (203 N-m) torque.**

7. Reattach the wiring harness to the top of the frame and continue installing the hitch mounting kit per mounting kit instructions.