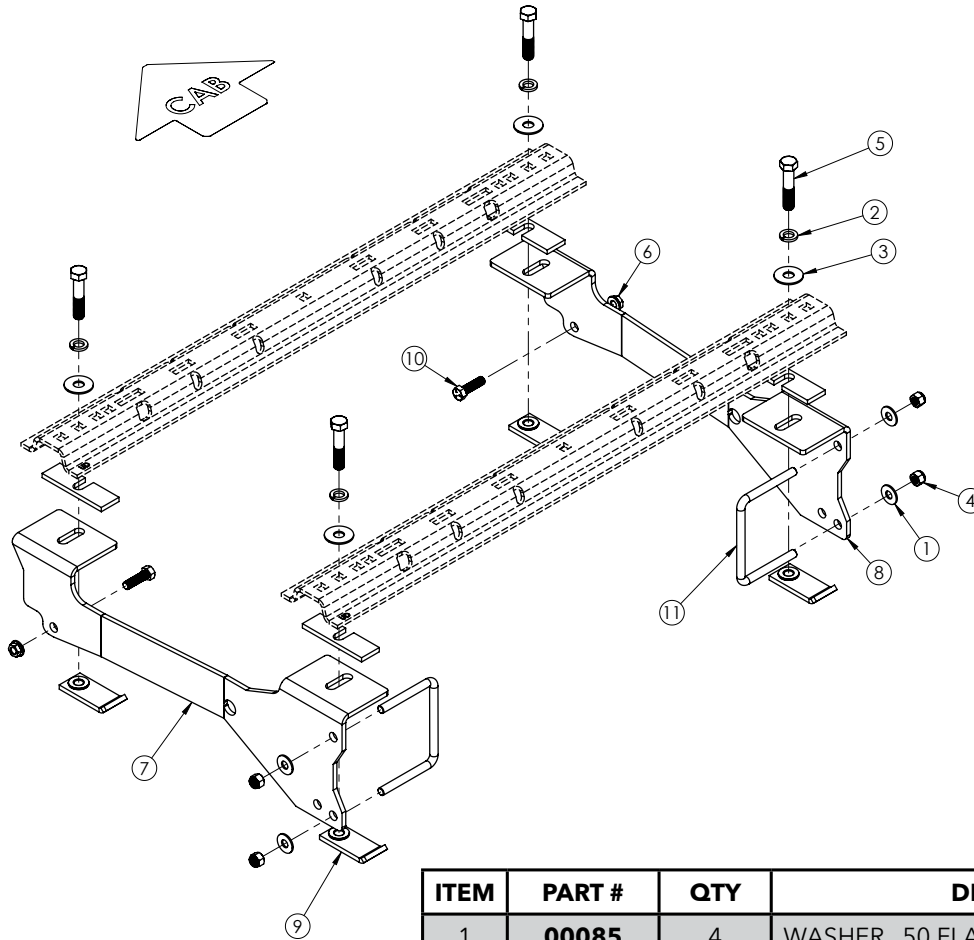


FRAME BRACKET 8552013

Chevrolet Silverado 1500 & GMC Sierra 1500 (5-1/2', 6-1/2' & 8' Boxes)



ITEM	PART #	QTY	DESCRIPTION
1	00085	4	WASHER, .50 FLAT
2	00248	4	WASHER, .625 LOCK
3	00477	4	WASHER, .625 FLAT
4	0218	4	NUT, .50 NYLON LOCK
5	04215	4	BOLT, .625 X 3" HEX GR.5
6	10379	2	NUT, .50 SERRATED FLANGE
7	14172-76	1	FRAME BRACKET DRIVER SIDE
8	14173-76	1	FRAME BRACKET PASSENGER SIDE
9	14251-95	4	.625 TAPPED PLATE
10	14266	2	BOLT, .50NC X 1-3/4" HEX KNURLED GR.5
11	14357	2	U-BOLT, .50NC X 5-1/2" X 4-1/4"
12	14238	1	FISH WIRE .50 (NOT SHOWN)

Please order replacement parts by PART NO. and DESCRIPTION.

Installation

8552013 General Assembly & Installation Instructions

WARRANTY POLICY, OPERATOR MANUALS & REGISTRATION

Go online to www.demco-products.com to review Demco warranty policies, operator manuals and register your Demco product.

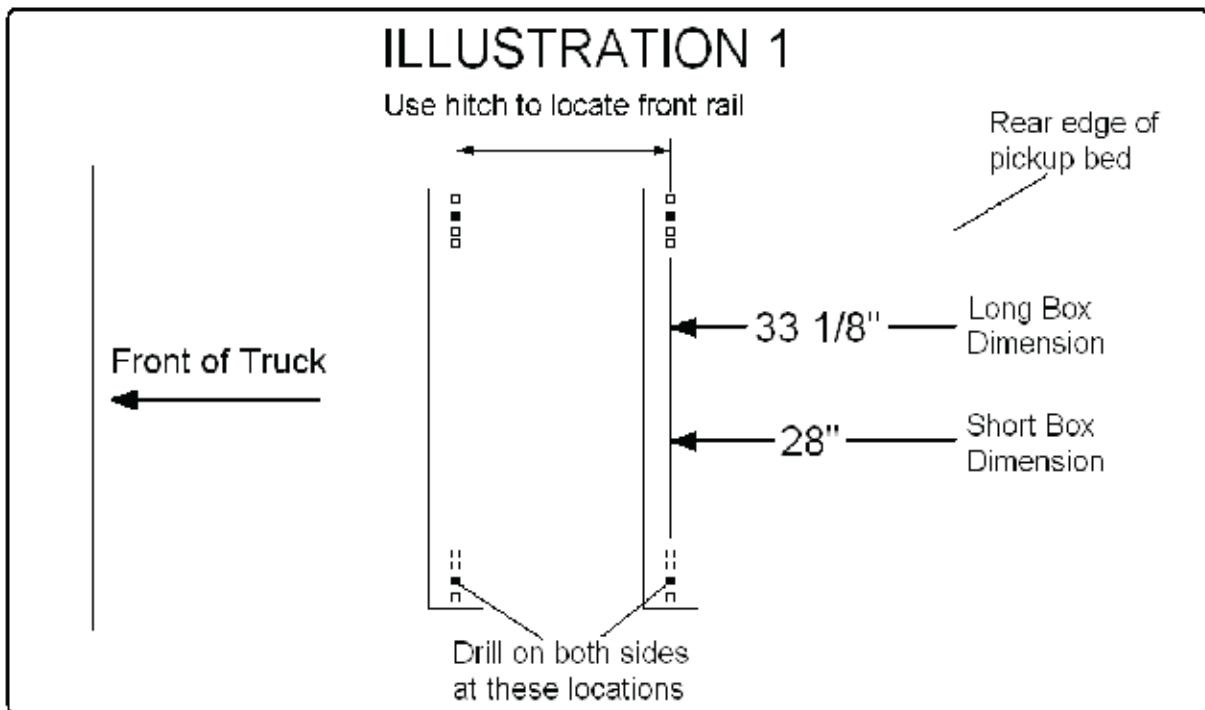
BOLT TORQUE SPECIFICATIONS

STANDARD BOLTS			METRIC BOLTS		
Size	Grade	Torque	Size	Grade	Torque
5/16"	5	18 ft/lbs.	8mm	8.8	23 ft/lbs.
3/8"	5	30 ft/lbs.	10mm	8.8	45 ft/lbs.
7/16"	5	50 ft/lbs.	12mm	8.8	78 ft/lbs.
1/2"	5	75 ft/lbs.	14mm	8.8	125 ft/lbs.
5/8"	5	150 ft/lbs.	16mm	8.8	160 ft/lbs.
3/4"	5	290 ft/lbs.			

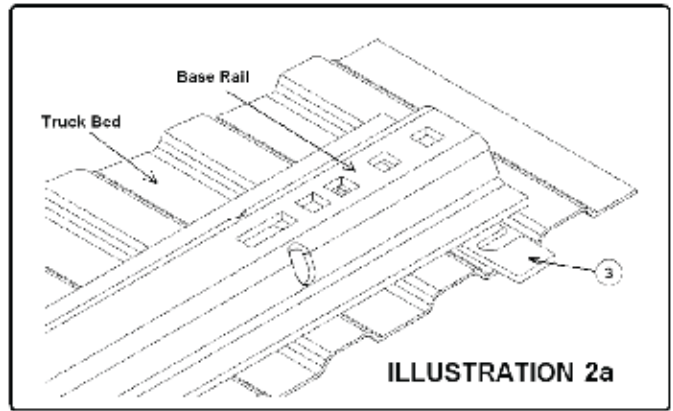
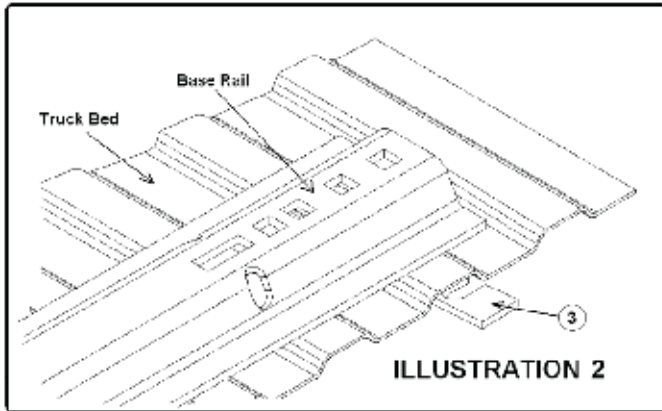
CAUTION: Do not install base rails over plastic bed liners. Plastic bed liners must be cut out of the way. Rails may be installed on spray in liners.

NOTE: All metal surfaces that come in contact with the aluminum body need to have vinyl placed in between to prevent corrosion.

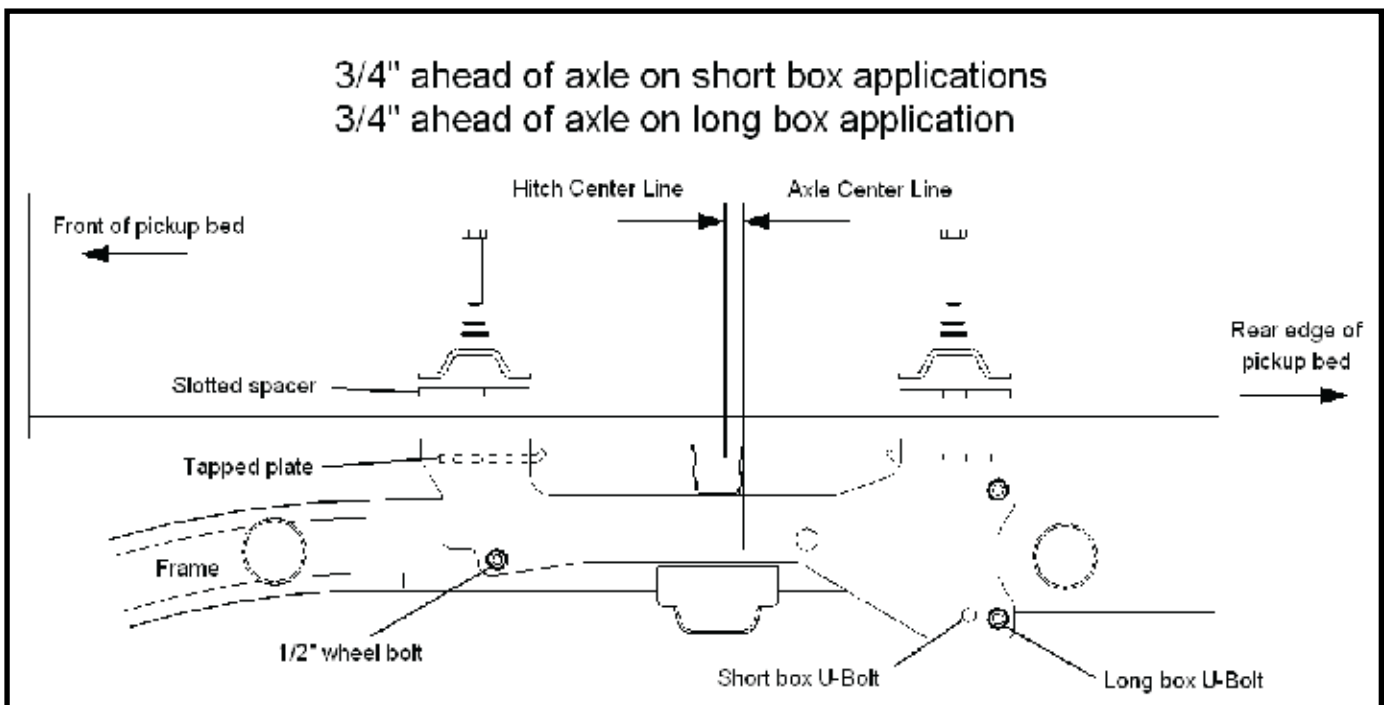
NOTE: Consult spray liner installer for recommended curing time.

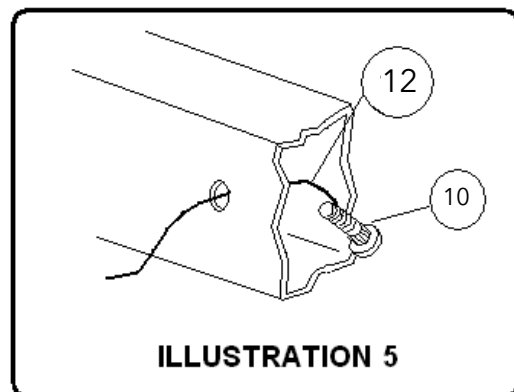
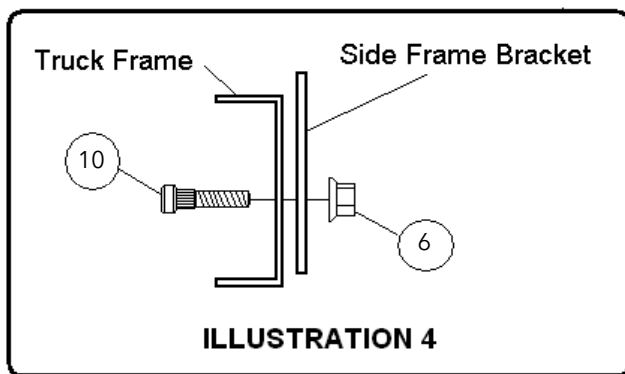
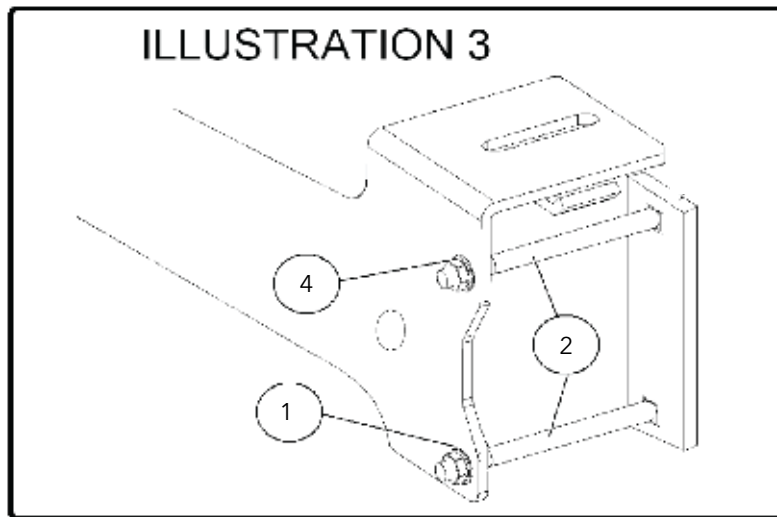


1. Fully assemble the 5th wheel hitch on a flat, level surface and pin into the base rails (assembly instructions come with hitch components). Place assembled hitch in truck bed between the wheel wells.
2. Position the base rails in truck bed as shown in **Illustration 1**. When hitch is correctly positioned in the bed and the base rails are parallel, check below the bed before drilling holes to see all wiring, brake lines and other obstructions are moved out of the way and will not be contacted by the drill. Start by drilling one hole and place a 5/8" x 3" bolt, 5/8" lock washer and 5/8" flat washer down through the hole after drilling and before drilling next hole. This will help to stop base rails from shifting during drilling.



3. If the bed corrugation above the frame bracket is UP, leaving a space above the frame bracket, place a slotted spacer plate in this location as shown in **Illustration 2**. If the corrugation is DOWN at this location, place the slotted spacer plate in the bed, under the base rail as shown in Illustration 2a.
4. Position the left and right frame brackets up against the outer surface of the truck frame with the mounting tabs positioned over the frame and under the bed in line with previously drilled holes in bed where the 5/8" x 3" bolts are coming down through the bed.
5. Make sure the frame brackets are tight against the flat side of truck frame and underneath the surface of the truck bed with bolts extending down through slotted holes in frame bracket tabs. Thread bolts into tapped plates. Position tapped plates with bent portion pointed up towards under side of truck bed and with bent ends of tapped plates towards the tailgate end of truck bed on the forward holes and bent end of the tapped plates on the rear set of holes towards the front or cab end of the truck **Illustration 6**.
6. Securely bolt the frame brackets into place under the truck bed. Be sure they are tight against the side of the truck frame. Tighten the 5/8" bolts according to the chart on front page.
7. Place U-bolts around the truck frame and use 1/2" flat washers and 1/2" nylon lock nuts to attach to frame bracket **Illustration 3**. For U-bolts to be used for long box or short box, see below illustration. Be careful to get the driver side U-bolt under the wiring loom and up against the truck frame. **DO NOT PINCH WIRES UNDER THE U-BOLT.**



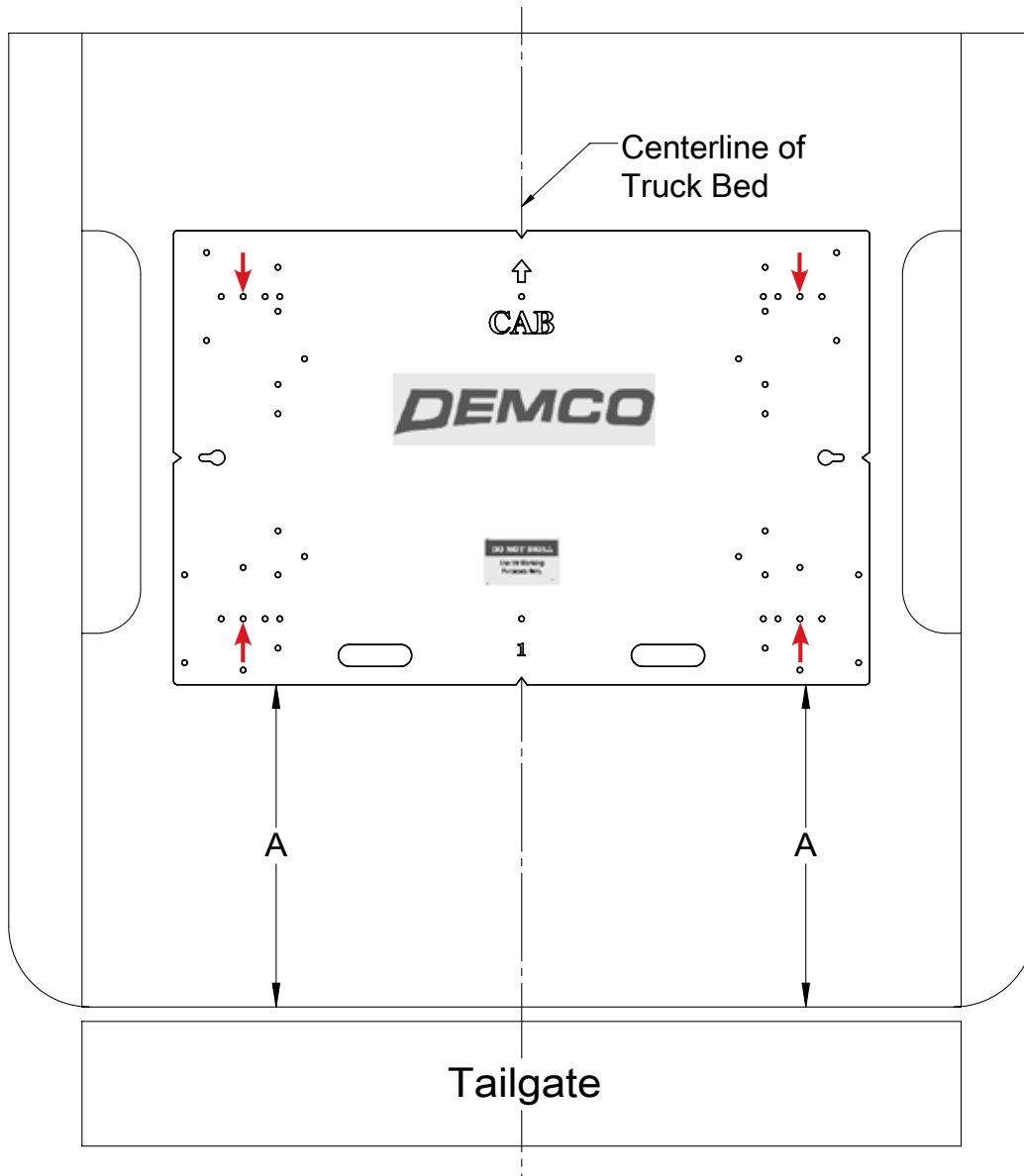


8. Before drilling any holes in the frame, check the inside of the frame to be sure that there are no wires, brake lines or other obstructions in the frame that may contact the drill. Each of the frame brackets must be attached to the side frame of the truck with a special 1/2" x 1 3/4" knurled bolt at the forward hole and a U-bolt at the rear hole. Be sure frame bracket 1" diameter hole is over large slot in truck frame.
9. At the front attachment point, drill a 17/32" hole through the side of the truck frame using the hole in each frame bracket as a guide. **CAUTION:** Holes MUST be drilled 17/32" diameter, so that the special knurl bolts will seat properly. If the holes are too small, the bolt may break. If the holes are too large, it will not grip properly.
10. Place the knurl bolt into the frame first through the 1" hole in bracket and then out through the drilled hole at the front of the frame brackets (see illustration 4). Thread the fish wire over the end of the knurl bolt and pull through the frame and frame bracket (see illustration 5). Secure each bracket to the truck frame. The knurled portion of the bolts will lock into the frame holes as the nuts are tightened. Use of an air wrench will make installation easier.
11. Tighten all bolts according to **BOLT TORQUE SPECIFICATIONS**. Failure to tighten bolts as described may result in fastener loss or failure.

1. Place the template in the box and center the template between the wheel wells.
2. **IF NEEDED, TAPE THE TEMPLATE DOWN.**
3. Measure from the back of the box to the template on the passengers side and drivers side to insure that the template is square. See **DRAWING #1** and table for measurements.
4. Locate which holes you will be drilling, by the ones marked with a red arrow.
5. Take a 3/8" locating punch and mark the holes to be drilled.
6. **BEFORE YOU DRILL, MAKE SURE THAT THE TEMPLATE DID NOT MOVE, AND THAT THERE ARE NO OBSTRUCTIONS IN THE WAY.**
7. Remove the template and drill the four marked holes with a 5/8" drill bit.
NOTE: A pilot hole may need to be drilled.
8. Deburr each hole.
9. Touch up the bare metal with some paint that matches the box of the truck.

Installation

Truck Bed Drilling Instructions with Template



Drawing #1

BOX LENGTH	DIMENSIONS	MEASUREMENT
CHEVROLET SILVERADO 1500		
5-1/2'	A	*23-1/2"
6-1/2'	A	*23-1/2"
8'	A	*28-5/8"
GMC SIERRA 1500		
5-1/2'	A	*23-1/2"
6-1/2'	A	*23-1/2"
8'	A	*28-5/8"
*ALL MEASUREMENTS ARE FROM THE BACK OF THE BOX		

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