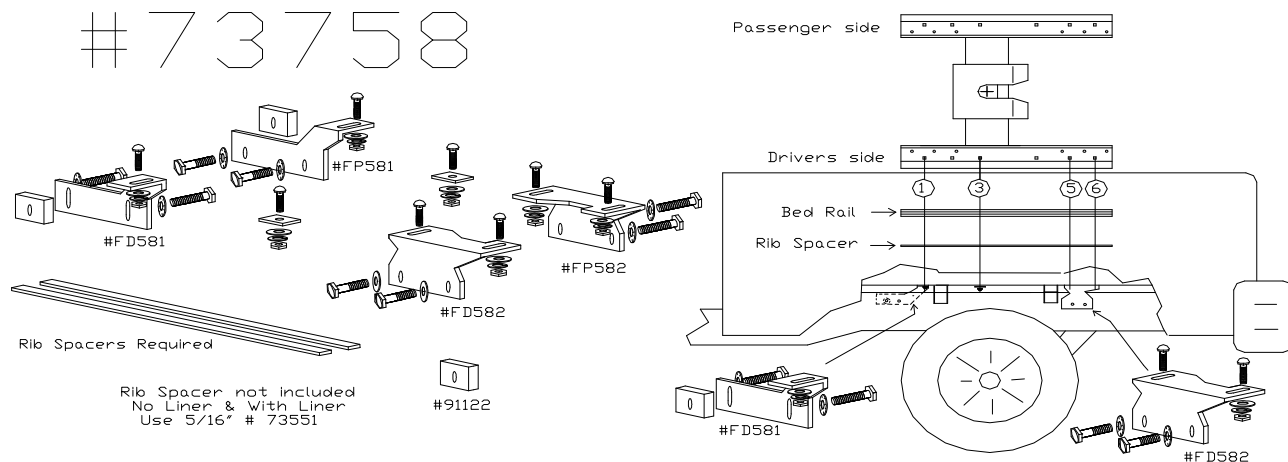


IMPORTANT: The bracket/hole placement is a suggestion. Frames vary! Always check the frame prior to drilling if this is the best location for the brackets. If the suggested holes are not ideal, move to the next closest hole.

Hitch application	Notes	Years	Measurement end of rail to end of box			Frame Bracket placement by hole number (see drawing below)
			Comp. box 6.2'	Short box 6.5' 18.75" ²	Long box 8' 21.5" ²	
Dodge Ram 2500	Coil Springs	2014-cur	SEE NOTE#1			FD581/FP581 - 1, FD582/FP582 - 5 & 6

NOTE #1: Can be installed on compact box. Must be used with 10" King Pin extension or with the Reese Sidewinder use the RBW Wedge.

NOTE #2: Place center of king pin 1"-2" ahead of the axle when in travel position (closest to cab).



*** At any point during installation, ensure that once placement is made, there are NO lines or wires interfering prior to drilling.**

Parts List	Contents of Bolt Pack # 73758B	Tools Required
1 Frame Bkt FD581 Driver Side Front 1 Frame Bkt FP581 Passenger Side Front 1 Frame Bkt FD582 Driver Side Rear 1 Frame Bkt FP582 Passenger Side Rear 1 Bolt Pack 73758/B 1 Instructions F70000 Series	8 Carriage Bolt 1/2 x 3 Fully Threaded, Grade 5, UNC, Plated 6 Bolt Metric M12-1.5 x 35mm 10.9 bare 2 TAP Bolt Metric M12-1.5 x 45mm 8.8 bare 8 Conical Washer 1/2 Style 8 STL Zinc 8 Lock Washer 1/2, Grade 5, UNC, Plated 8 Flat Washer 1/2, Plated 8 Hex Nut 1/2, Grade 5, UNC, Plated 2 Spacer #91122	1/2" & 19mm Wrench and Socket 100 FT Torque Wrench Drill and 3/8" and 1/2" drill bit
Ship 24.2 lbs Weight: 11 kg		Drilling through box required. No drilling on frame.

Truck Preparation: 1) Lower/remove spare tire and remove all plastic cladding near rear tires.

Bed Rail Placement: 2) Follow the general installation guidelines for the assembly of the upper half of hitch system of your choice that is included with the system. The rails have a closed end and an open end (to slide the hitch in and out). Place closed end near cab. Slide the hitch into rails and lock in travel position (closest to end of the rail near cab). Place system with rails in the truck box and use measurements above as a guideline. Center hitch in between wheel wells. **This installation requires the use of bed rail rib spacers # 73551P (pair).** Rib spacers keep the rail level during installation and usage of the hitch. Place rib spacers between box and rails. **Note:** For best results for the installation of gooseneck hitches, install or use a fifth wheel hitch as a template or refer to the measurements under general "Gooseneck Hitch" installation guidelines.

Bed Rail Mounting: 3) Drill pilot holes through holes 1, 3, 5 & 6 of the box (see chart above). Check if there are any obstructions for the placement of the brackets. **IMPORTANT:** For added security and stability, hole #3 will require a carriage bolt as a dummy bolt, which will not be fastened to a bracket. Drop the 1/2x3" carriage bolts through the rails and holes.

Frame Bracket Placement: 4) Locate rear metric weld nuts on the outside of the frame. Place brackets FD582 and FP582 onto frame from outside as shown above, lining up holes with metric weld nuts. Use metric bolt M12-1.5 x 35mm and 1/2" conical tooth washer to secure the brackets and hand tighten.

5) Locate front metric weld nuts on the inside of the frame. Place FD581 and FP581 onto frame from inside as shown above lining up holes with metric weld nuts. Use the large spacer #91122 and place between bracket and frame for hole closest to cab and secure bracket with metric tap bolt M12-1.5 x 45mm with 1/2" conical tooth washer and hand tighten. For other hole, use metric bolt M12-1.5 x 35mm with 1/2" conical tooth washer and hand tighten.

6) Place 1/2" flat washer, lock washer and hex nut on carriage bolts which were dropped through the truck bed and hand tighten.

7) Tighten all fasteners to torque specifications below.

Bolt Size	Grade 5 Torque	Metric	Grade 8.8 Torque
9/16	110 Ft. Lb.	8 mm	18 Ft. Lb.
7/16	54 Ft. Lb.	10 mm	36 Ft. Lb.
1/2	72 Ft. Lb.	12 mm	75 Ft. Lb.
5/8	150 Ft. Lb.	14 mm	103 Ft. Lb.
3/4	245 Ft. Lb.		

Maximum torque for weld or weld nuts is 38 FT/Lb

Warning: Check Fasteners annually or before usage, if the hitch is damaged replacement may be necessary

Do Not exceed hitch manufactures hitch ratings listed above, DO NOT drill or alter this product. This product is only intended for the application listed above, see vehicle owner's manual for maximum towing capacity (GVWR). This product is intended for usage with the correct towing accessories and not to be used with tow ropes, cables, chains or any type of stretch or elastic rope.

DSP Hitches are manufactured by 2114391 Alberta Ltd. Edmonton Alberta, Canada

For more information on DSP Hitches call 1-800-265-3377 or visit us at www.dsphitches.com