

**HITCHES**

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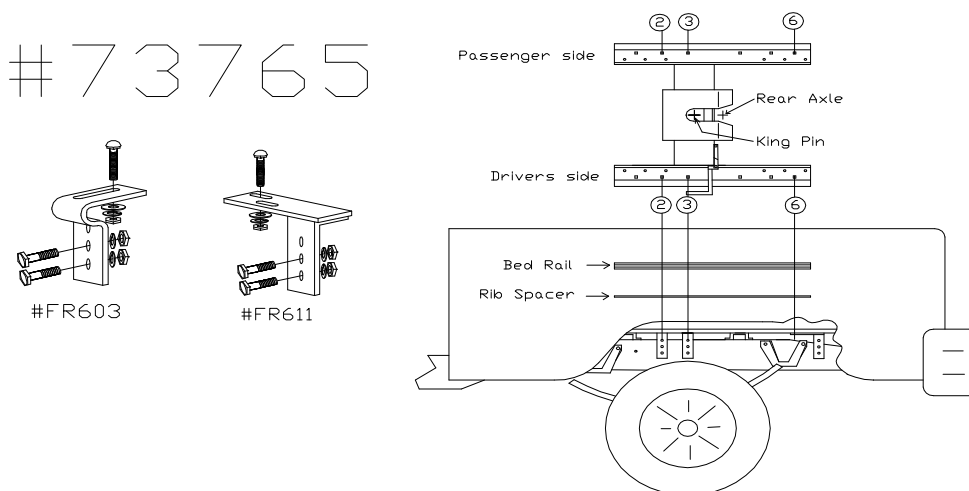
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**73765****Frame Bracket Kit for DSP  
35" DP FW & GN Hitches**

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.			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'	Long box 8'	
Hitch application	Notes	Years				
Dodge RAM 1500 only	Leaf Springs Only	01 - 13	SEE NOTE	19"	21 1/2"	FL603/FR603 - 2 & 3, FL611/FR611 - 6
Dodge RAM 2500	Leaf Springs Only	03 - 13	SEE NOTE	19"	21 1/2"	FL603/FR603 - 2 & 3, FL611/FR611 - 6
Dodge RAM 3500	Leaf Springs Only	03 - 12	SEE NOTE	19"	21 1/2"	FL603/FR603 - 2 & 3, FL611/FR611 - 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).



Note: Rib Spacers sold separately!

**\* 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 # 73809	Tools Required
2 FL603 Frame Bracket 2 FR603 Frame Bracket 1 FL611 Frame Bracket 1 FR611 Frame Bracket 1 Bolt Pack # 73809 1 Install Instructions	6 Carriage Bolt 1/2 x 3, Grade 5, UNC, Plated 6 Flat Washer 1/2, Plated 12 Hex Bolt 1/2 x 1-1/2, Grade 5, UNC, Plated 18 Hex Nut 1/2, Grade 5, UNC, Plated 18 Lock Washer 1/2, Grade 5, Plated 1 Bolt Leaders 48" 2 91120 Reinforcement Spacers	3/4" Wrench and Socket 100 FT Torque Wrench Drill and 1/2" Drill Bit
Shipping weight: 18 lbs 8.2 kg		

**Bed Rail Placement:** 1) 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 a set of two (2) bed rail rib spacers #73551P. 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:** 2) Centre the rails in the bed of the truck box with the measurements listed on the information chart above for long, short or compact boxes from side to side using the rails as a template, \*drill holes through the floor of the truck bed. Then drop the 1/2" x 3" Carriage Bolts into the holes. See above for holes to drill.

**Frame Bracket Placement and Mounting** 3) Place the supplied brackets upon the bolts that were installed in the box in step 2. Note: some brackets may be easier to place than others depending on their locations.

4) Once brackets are installed in the order they fit best, tighten all brackets to the box using the supplied fasteners. Once they are tightened, \*drill holes using the bracket as a template. Make sure there are no lines or wires interfering during \*drilling. After \*drilling is complete install the 1/2" x 1-1/2" Hex Bolts using the supplied bolt leader to secure the brackets to the frame rails. Note: do not drill through both walls of the tube frame as this will crush your frame! Use bolt leader to fish in bolts and to hold on when tightening nuts. In some installs, you may require the supplied spacer #91120 for the lower hole for bracket FR611/FL611 if the pre-drilled hole in the frame is bigger than 1/2".

5) Tighten all mounting fasteners to the correct torque specifications listed 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