

73763

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

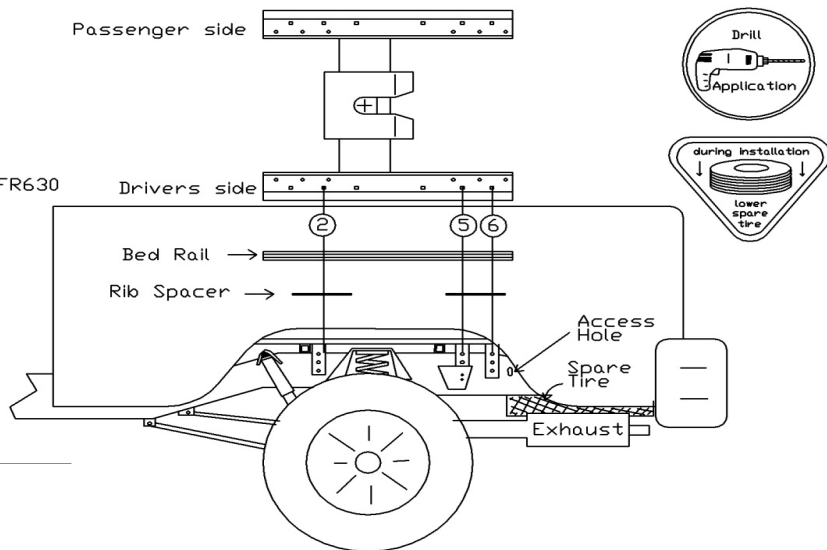
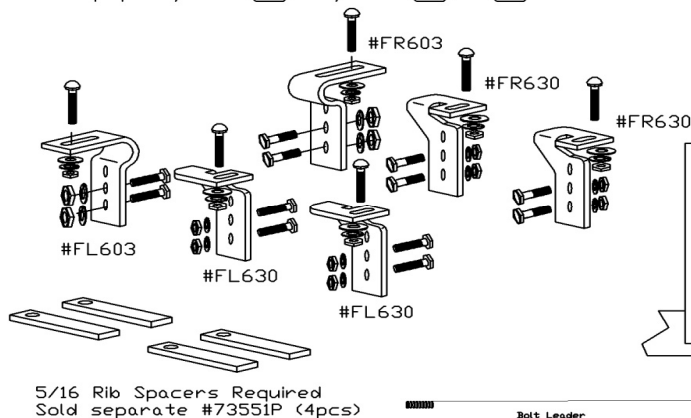
IMPORTANT: The bracket/hole placement is a suggestion. Frames vary! Always check the frame prior to drilling if this is the best location for the brackets. If the suggested holes are not ideal, move to the next closest hole.			Measurement end of rail to end of box			Frame Bracket placement by hole number (see drawing below)
Hitch application	Notes	Years	Comp. box <6.2'	Short box 6.5'	Long box 8'	
Dodge Ram 1500	Coil Springs, Air Ride, all boxes	2013-cur	see note #1&3	18.5" ^{1,2}	21.5" ^{1,2}	FL603/FR603-2, FL630/FR630-5&6

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

NOTE #2: On older model fifth wheel crossbars the handle may require altering by bending with heat to avoid close proximity to box.

NOTE #3: Can be installed in compact box. Must be used with 10" King Pin extension or with the Reese Sidewinder use the RBW Wedge.

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FOR AIR RIDE: Once fasteners are installed, please the ends of the carriage bolts coming through the bed MAY have to be cut off to avoid puncturing the air ride system.

*** 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 # 73745/B	Tools Required
2 FL630 Frame Bracket 2 FR630 Frame Bracket 1 FL603 Frame Bracket 1 FR603 Frame Bracket 1 Bolt Pack 73745/B 1 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"	1/2" Wrench and Socket 100 FT Torque Wrench Drill and 1/2" & 3/8" drill bit or step drill bit
*IMPORTANT! For placement of brackets: Above listing is a recommendation but may not work on all trucks due to Dodge's frame variations and/or tolerances. The pocket that hole #5 bracket is placed into may be in a different location as shown. Sometimes, bracket needs to be placed to the left of the pocket. In that case it may require shearing off of the bottom of the vertical portion of the bracket. Requires drilling of all holes. For Air Ride, carriage bolt ends may be required to be cut off once fasteners are tightened to avoid puncturing the air ride system.		
Ship 16 lbs Weight: 7.3 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 upper half of the system. The rails have a closed side and an open side (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. **Note:** For best results for the installation of the gooseneck hitches, install or use a fifth wheel hitch as a template or refer to the measurements under general "Gooseneck Hitch" installation guidelines. **This installation requires the use 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..

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 boxes. From side to side using the rails as a template, *drill holes #2, 5 & 6 through the floor of the truck bed then drop the 1/2" x 3" Carriage Bolts into the holes.

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. Install driver's front brackets last.

4) Once brackets are installed in the order they fit best, tighten all brackets to the box using the supplied fasteners (flatwasher, lock washer & nut). 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 to secure the brackets to the frame rails. Use supplied Bolt Leader to fish bolts into place.

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