

**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 |                      |                      |
|---------------------------------------|----------------------|----------------------|
| Comp. box<br>6.2'                     | Short box<br>6.5'    | Long box<br>8'       |
| see notes                             | 18-1/4" <sup>2</sup> | 21-1/2" <sup>2</sup> |

Frame Bracket placement  
by hole number  
(see drawing below)

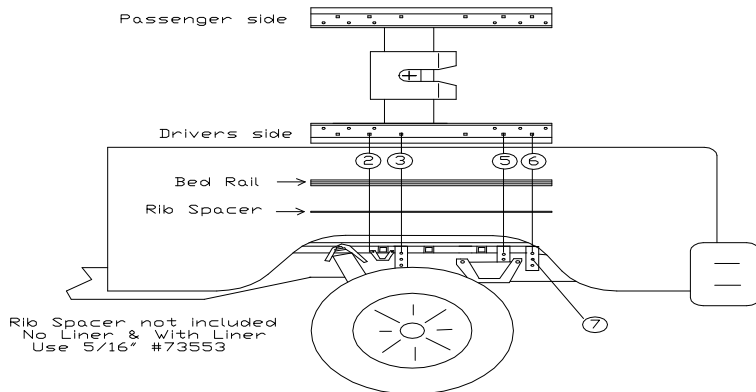
| Hitch application | Notes             | Years     |
|-------------------|-------------------|-----------|
| Dodge 1500        | Coil Springs Only | 2008-2012 |

FL603/FR603 - 3, 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

Place additional bolt in hole 2

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



**IMPORTANT NOTE FOR  
AIR RIDE SUSPENSION MODELS:**

Once installation is complete, all carriage bolts coming through the box need to be cut-off to avoid puncturing of the air ride system.

| Parts List                        |                     | Contents of Bolt Pack # 73768/B               | Tools Required   |
|-----------------------------------|---------------------|---|--|
| 3                                 | FL603 Frame Bracket | 8 Carriage Bolt 1/2 x 3, Grade 5, UNC, Plated | 3/4" Wrench and Socket<br>100 FT Torque Wrench<br>Drill and 1/2" Drill Bit |
| 3                                 | FR603 Frame Bracket | 8 Flat Washer 1/2, Plated                     |  |
| 1                                 | Bolt Pack 73768/B   | 12 Hex Bolt 1/2 x 1-1/2, Grade 5, UNC, Plated |  |
| 1                                 | Instruction         | 20 Hex Nut 1/2, Grade 5, UNC, Plated          |  |
| Shipping weight: 17 lbs<br>7.8 kg |                     | 20 Lock Washer 1/2, Grade 5, Plated           |  |
|                                   |                     | 1 Bolt Leaders 48"                            |  |
|                                   |                     | 2 91110 Reinforcement Spacer                  |  |

**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 recommends 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 2, 3, 5, 6 through the floor of the truck bed then drop the 1/2" x 3" Carriage Bolts into the holes. NOTE: Hole 2 will require a carriage bolt to be fasted but no bracket will be placed against it. This will hold the rails in place for ease of installation. After installation is complete, leave in place with fasteneres attached.

**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. Note: Bracket for Hole # 5 may need to be trimmed.

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 11/2" Hex Bolts to secure the brackets to the frame rails. For hole #6, use supplied spacers 91110 in access holes (#7 in picture above).

5) Hole # 6, Passenger side, loosely bolt the bracket into place. Driver side, the electrical will need to be loosend to install the bracket. Once the bracket is in place, reinstall the electrical line back into place.

7) 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.