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**NOTE:** *we recommend reading instructions before beginning the installation.*

## Frame to Rail Bracket Kit 3204 Installation Instructions For use in conjunction with 3200 Universal Rail Kit.

# Model 3204

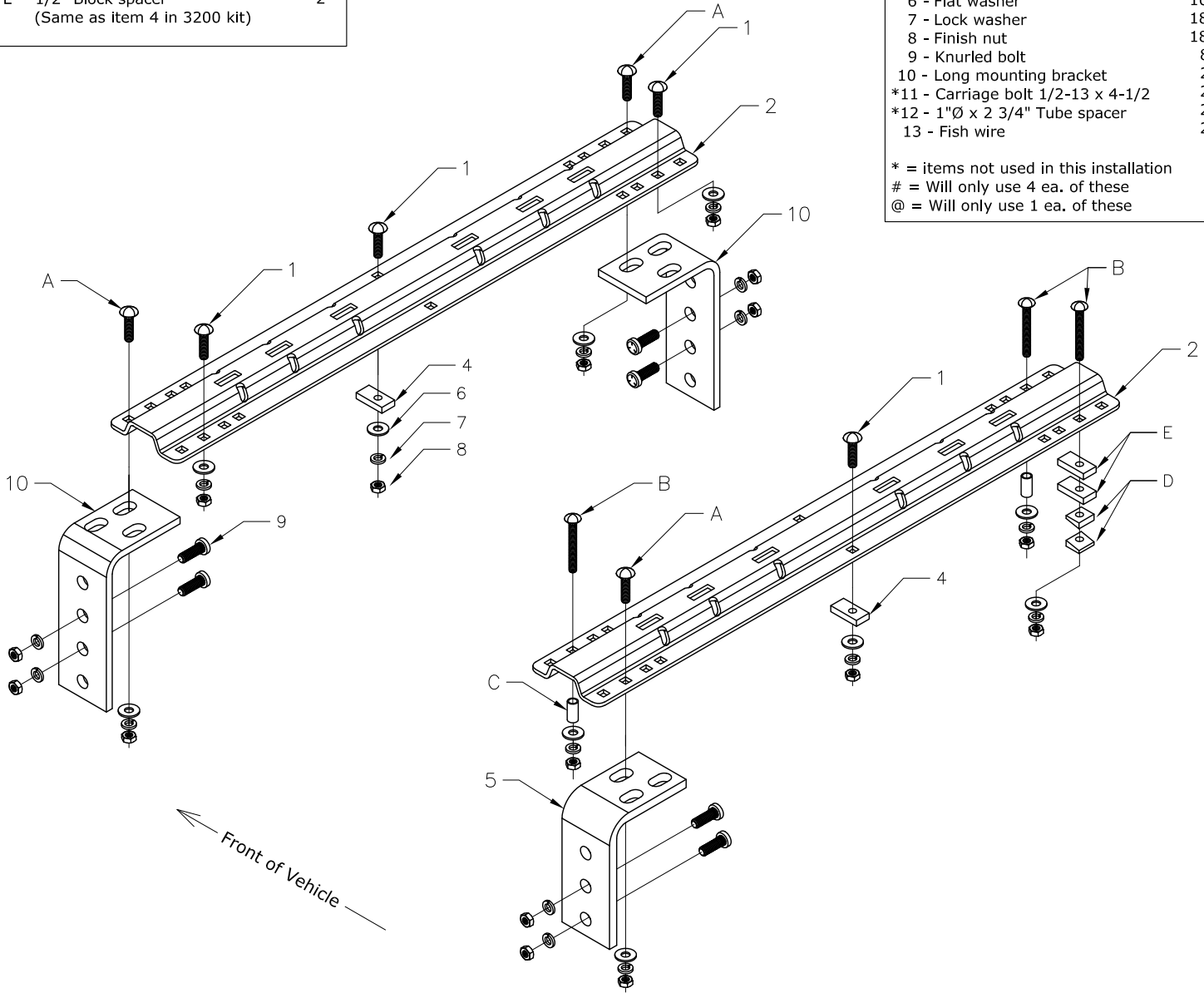
Call or Email us for Installation Support  
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**TOOLS REQUIRED FOR 3200 & 3204 INSTALLATION**  
 3/16" DRILL BIT    17/32" DRILL BIT    3/4" SOCKET AND WRENCH    100 lb-ft TORQUE WRENCH

3204 HARDWARE KIT	QTY:
A - Carriage bolt 1/2-13 x 1 3/4"	3
B - Carriage bolt 1/2-13 x 3"	3
C - 3/4"Ø x 1" Tube spacer	2
D - Square bevel washer	2
E - 1/2" Block spacer (Same as item 4 in 3200 kit)	2

3200 HARDWARE KIT	QTY:
#1 - Carriage bolt 1/2-13 x 2"	10
2 - Mounting rail	2
*3 - Slotted spacer	10
4 - Block spacer	2
@5 - Short mounting bracket	2
6 - Flat washer	10
7 - Lock washer	18
8 - Finish nut	18
9 - Knurled bolt	8
10 - Long mounting bracket	2
*11 - Carriage bolt 1/2-13 x 4-1/2"	2
*12 - 1"Ø x 2 3/4" Tube spacer	2
13 - Fish wire	2

\* = items not used in this installation  
 # = Will only use 4 ea. of these  
 @ = Will only use 1 ea. of these



## 2007 TO 2020 TOYOTA TUNDRA 6.5' & 8' BEDS

1. Use the 3204 service kit together with the 3200 mounting kit. Read p. 1-2 of the 3200 instruction for general information.
2. The mounting holes for Row C go through the inside of the bed sill. Make sure it lines up correctly. Drill through the bed and the top of the frame on both sides. For the Row D passenger side attachment, drill through the bed and the top of the frame as well.
3. The rear rail on the passenger side is secured directly to the frame with 3" carriage bolts provided in the 3204 kit. For the Row C a tube spacer should be placed inside the bed sill on top of the frame and under the bottom of the bed. Line up the spacer with the drilled hole before inserting the carriage bolt. Repeat for both sides. See Detail Inside Frame.
4. For the Row D passenger side attachment, stack two 1/2" spacers and a bevel washer, provided in the 3204 kit, to fill the gap between the bed and the frame. Use another bevel washer, flat washer, and hex nut to fasten the 3" carriage bolt in place. See Detail Inside Frame.
5. Install the long brackets on the front rail and the short bracket on the rear rail driver side using the 1-3/4" carriage bolts provided in the 58309 kit. All other attachments to the bed use 2" carriage bolts from the 3200 kit.
6. Each angle bracket must be fastened to frame with 2 ea. 1/2" bolts or welded. Optional weld pattern is shown below. Choose the holes that give the widest bolt pattern. Drill holes in frame to attach angle brackets with a 17/32" drill bit. Use the angle bracket as a template to locate holes.

**DISTANCE FROM EDGE OF RAIL TO END OF BED**  
**5'6", 6'6", & 8' BED:** 29-3/4"

### **WARNING:**

Do not install on a Crewmax truck with a bed 5'6" long unless provision has been made to prevent the trailer from hitting the cab of the truck

### **CAUTION:**

Read pages 1-2 of these instructions before starting installation. Failure to do so could result in significant vehicle damage!

### **CAUTION:**

Check for obstructions before drilling. Failure to do so could result in damaged fuel or brake lines, structural members, etc. B&W does its best to communicate tow vehicle manufacturer changes; however, it is ultimately the responsibility of the installer to prevent damage due to installation.

