

ATTENTION

DURING INSTALLATION, SOME FABRICATION MAY BE REQUIRED.

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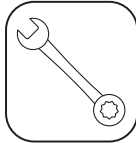
INSTALLATION MANUAL

Front Frame Bracket

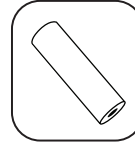
Recommended Tools



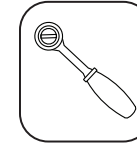
Safety Glasses and Gloves



3/8" Wrench



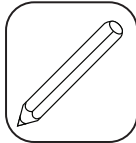
3/8" Sockets



Socket Wrench



Welding Equipment



Pencil or Marker



Tape Measure



C-Clamps or Vice Grips



Power Drill



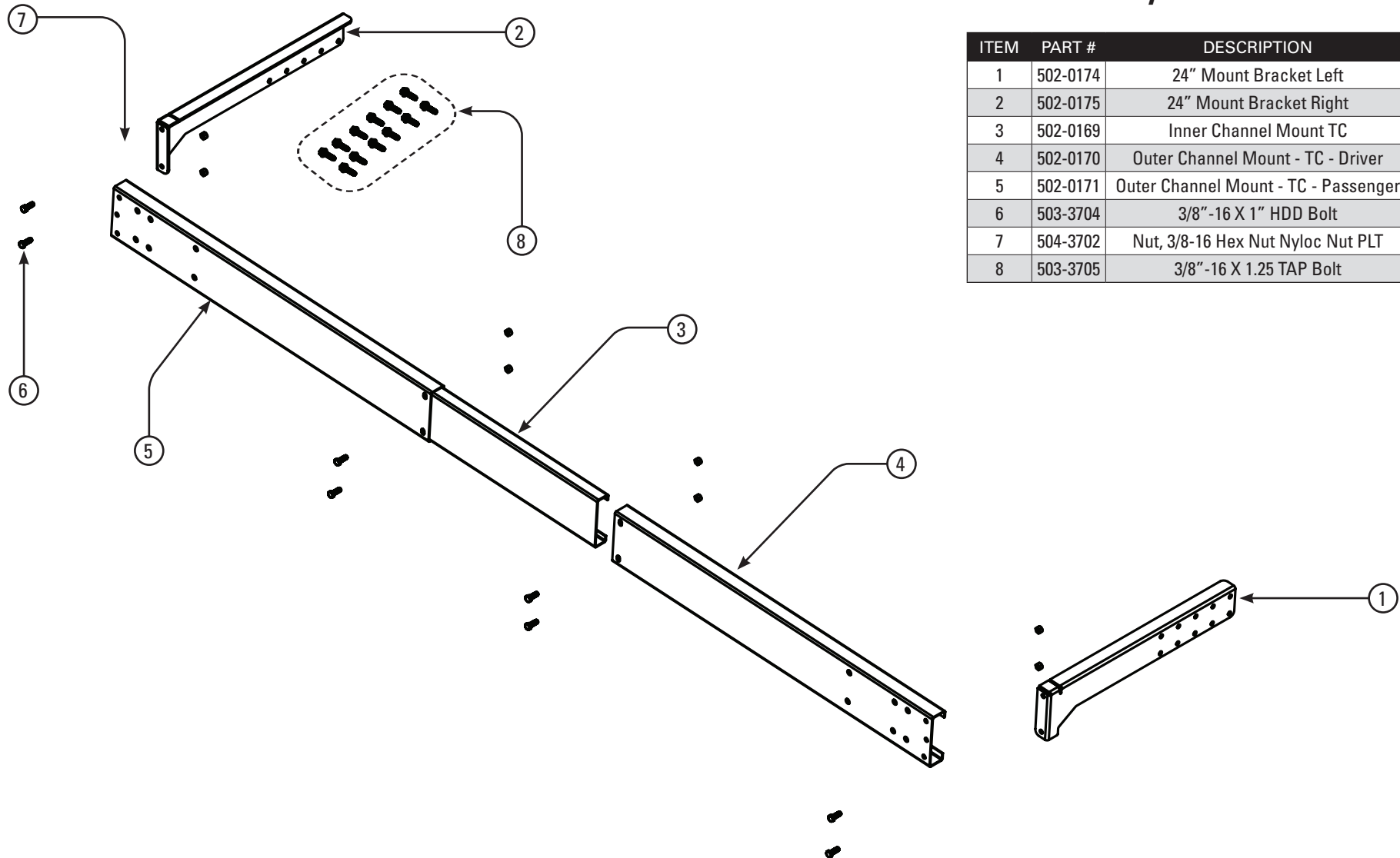
Drill Bit for 21/64 pilot hole



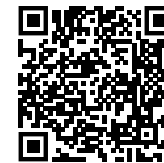
INSTALLATION MANUAL

Front Frame Bracket

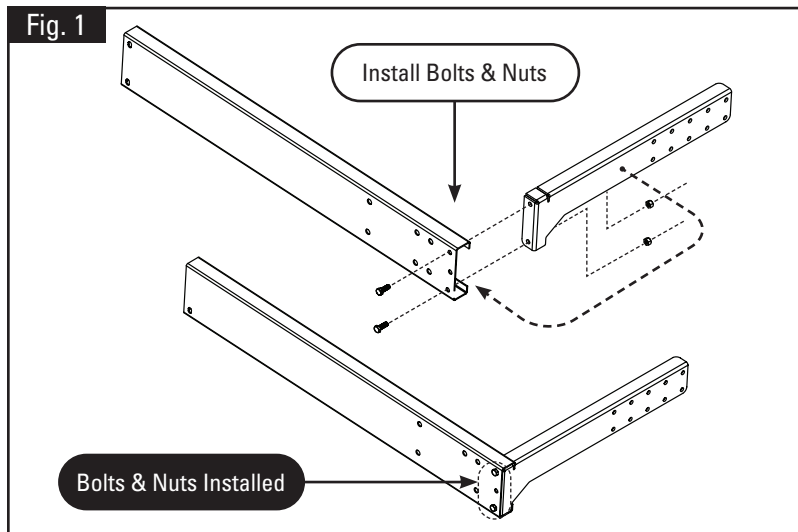
Assembly for Front Bracket 502-0103



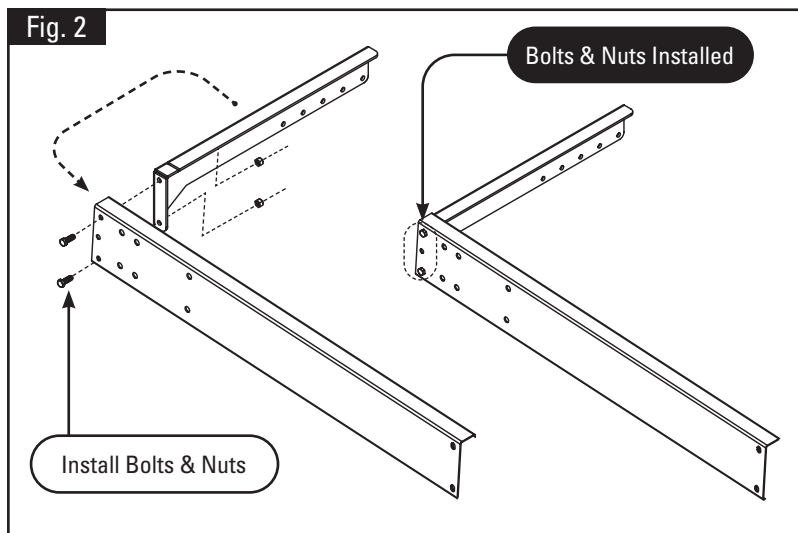
ITEM	PART #	DESCRIPTION	QTY
1	502-0174	24" Mount Bracket Left	1
2	502-0175	24" Mount Bracket Right	1
3	502-0169	Inner Channel Mount TC	1
4	502-0170	Outer Channel Mount - TC - Driver	1
5	502-0171	Outer Channel Mount - TC - Passenger	1
6	503-3704	3/8"-16 X 1" HDD Bolt	8
7	504-3702	Nut, 3/8-16 Hex Nut Nyloc Nut PLT	8
8	503-3705	3/8"-16 X 1.25 TAP Bolt	12



Assemble the Front Frame Bracket



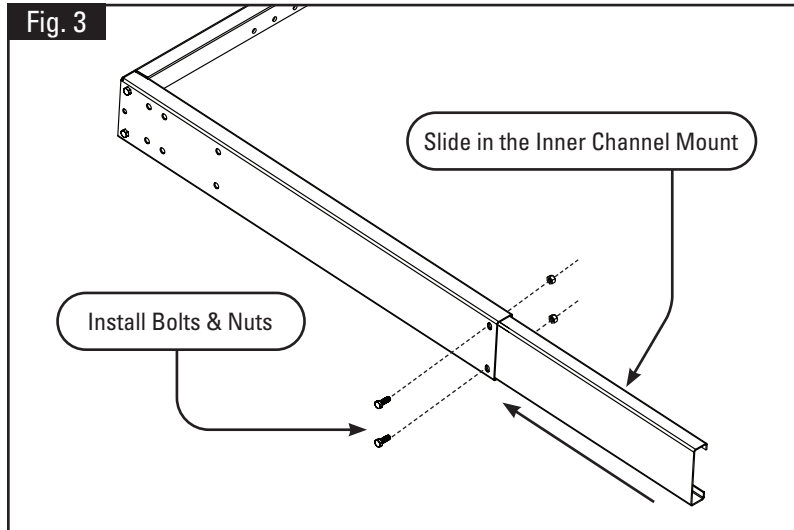
Step 1: Bolt 24" Left Mount Bracket (502-0714) to the Outer Channel Mount (502-0170, driver's side) using two 3/8" bolts (503-3704) and nuts (504-3702) provided (Fig. 1).



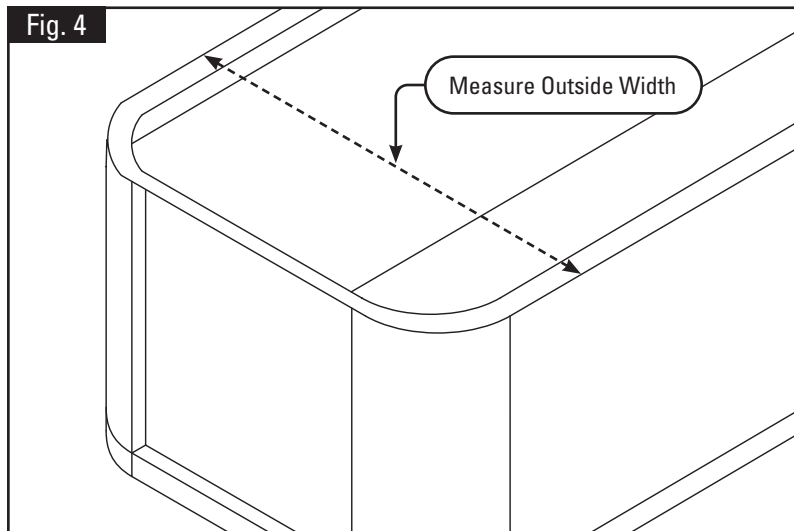
Step 2: Bolt 24" Right Mount Bracket (502-0715) to the Outer Channel Mount (502-0171, passenger's side) using two 3/8" bolts (503-3704) and nuts (504-3702) provided (Fig. 2).



Assemble the Front Frame Bracket



Step 3: Slide the Inner Channel Mount (502-0169) into the Outer Channel Mount (502-0171, passenger's side). Line up the holes and bolt in place using two 3/8" bolts (503-3704) and nuts (504-3702) provided (Fig. 3).

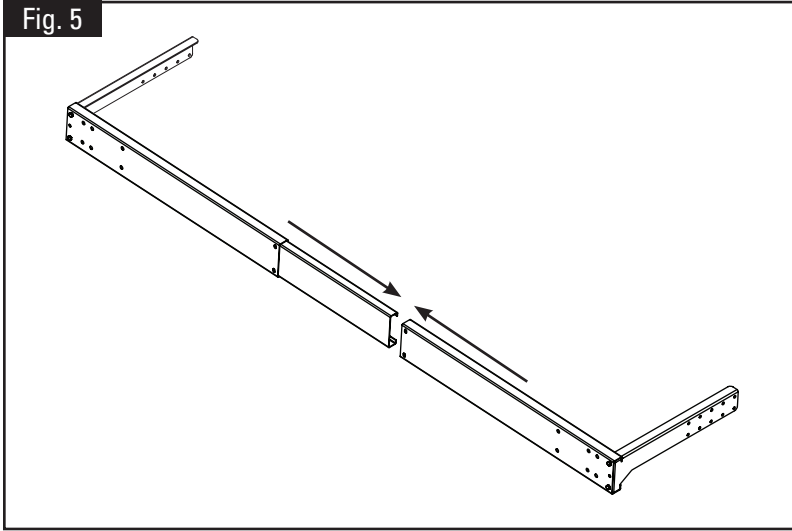


Step 4: Measure the outside width of the trailer at the front where the bracket assembly will be mounted (Fig. 4).



Assemble the Front Frame Bracket

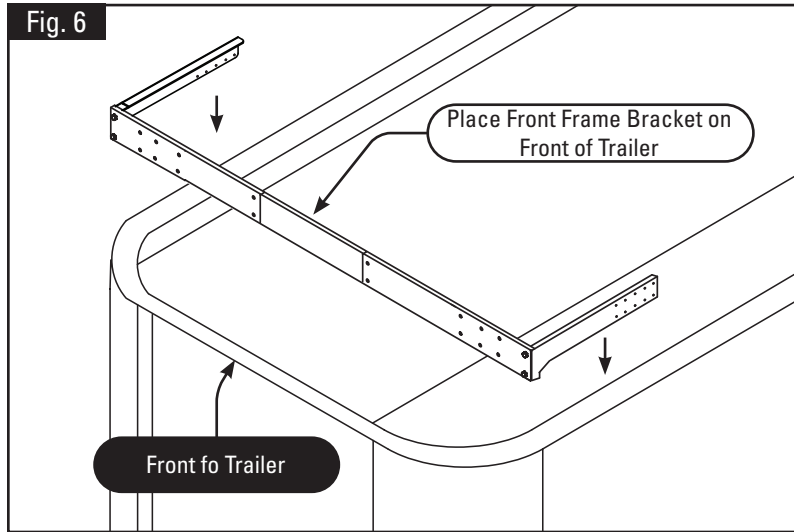
Fig. 5



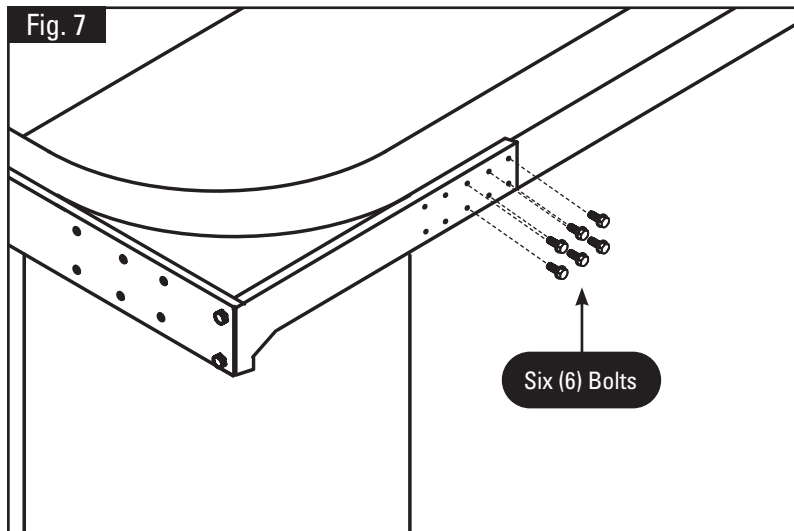
Step 5: Slide the Outer Channel Mount (502-0170, driver's side) over the Inner Channel Mount (502-0169). Adjust the assembly so that the 24" Mount Brackets are the same distance apart as the width of the trailer. Clamp the Inner and Outer Channel Mounts together to hold in position (Fig. 5).



Install the Front Frame Bracket on Trailer



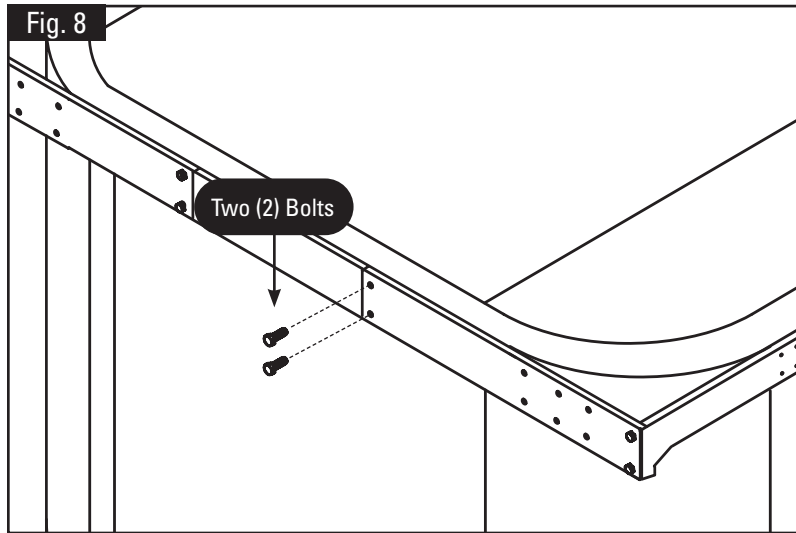
Step 6: Place the front frame bracket assembly on the front of the trailer. Align the assembly making sure that the brackets are parallel to the trailer and each other. The entire assembly must be square to the trailer and level. Clamp in place (Fig. 6).



Step 7: Weld or bolt the 24" Mount Brackets to the trailer. A 21/64 pilot hole must be drilled first when using the 3/8" - 16 x 1.25", (503-3705) self threading bolts that are provided. Six bolts per side are adequate for most installations (Fig. 7).



Install the Front Frame Bracket on Trailer



Step 8: Remove the clamp from step 5 and drill two 3/8" holes through the Inner Channel Mount on the driver's side using the holes in the Outer Channel mount as a guide. Line up the holes and bolt in place using two 3/8" bolts (503-3704) and nuts (504-3702) provided (Fig. 8).