



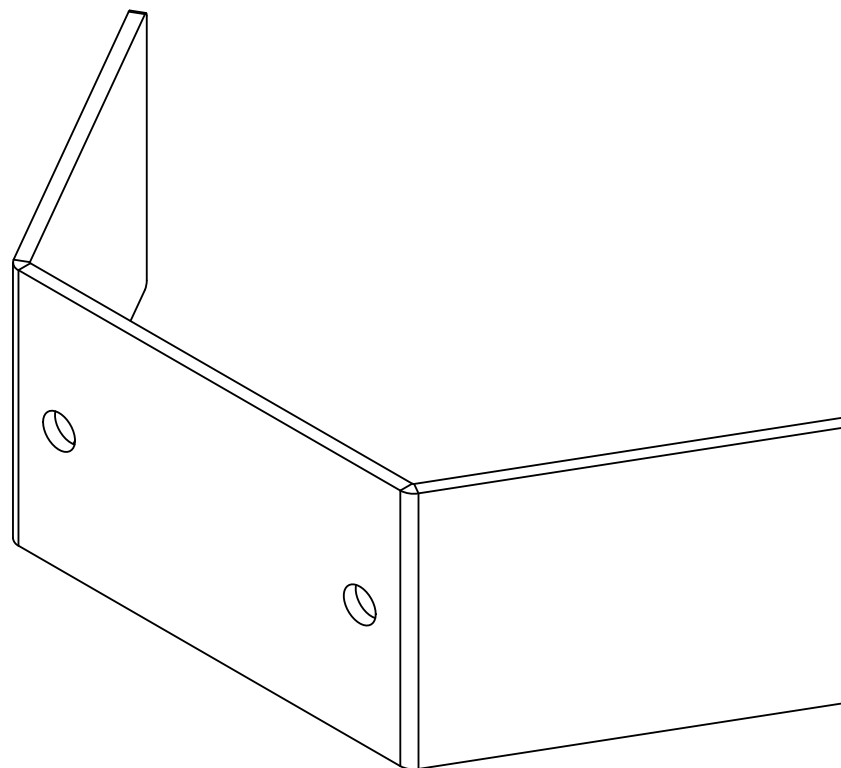
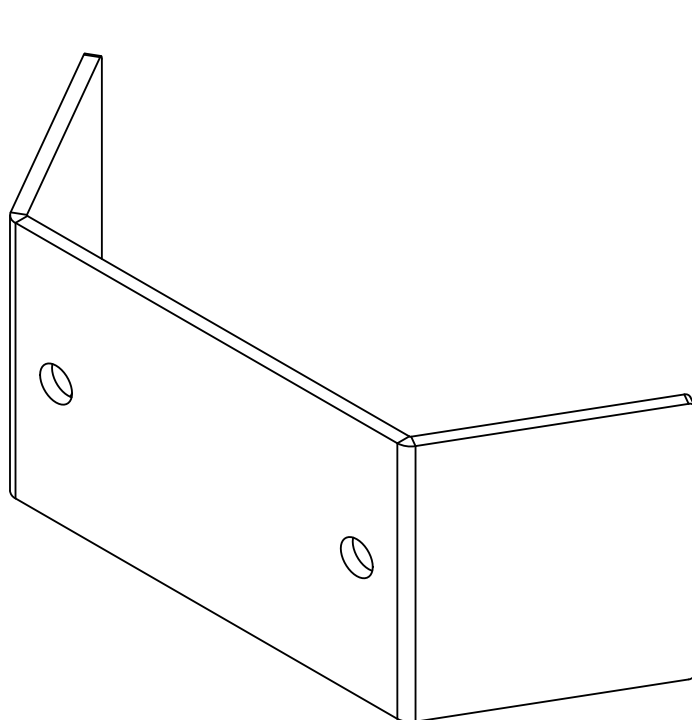
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Installation Instructions

Offset Bracket - 4 & 6 Inch

501-1560 & 501-1561



DURING INSTALLATION, SOME FABRICATION MAY BE REQUIRED.

607-0244

WLH 10/28/20



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Installation Instructions

Offset Bracket - 4 & 6 Inch

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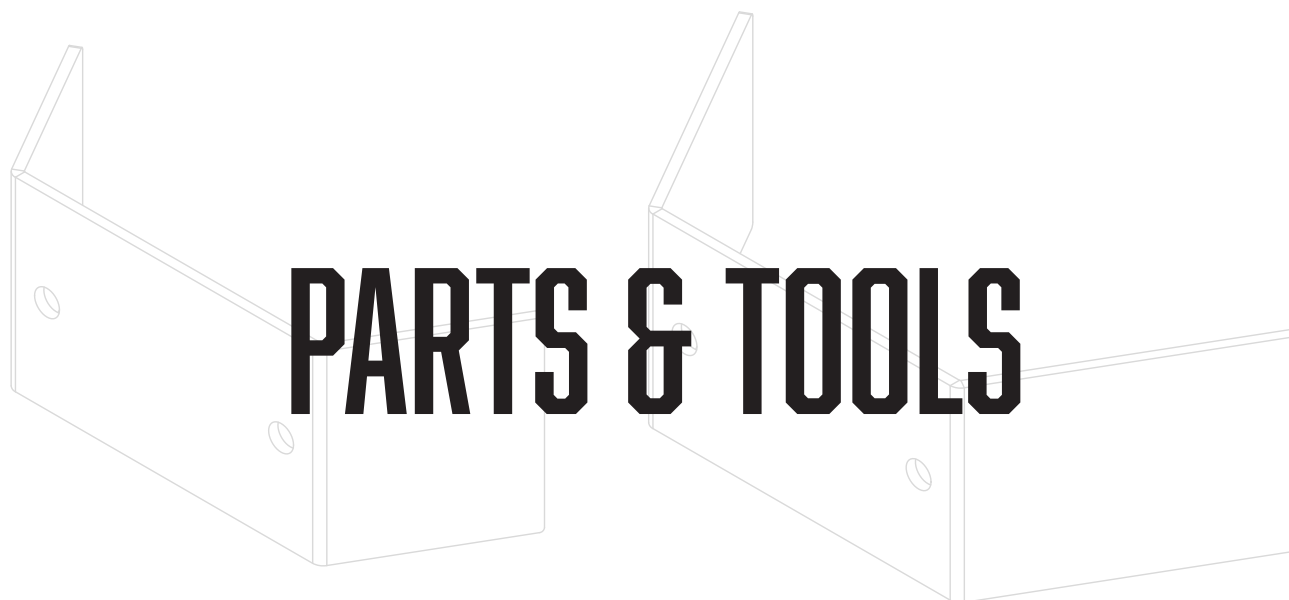


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Installation Instructions

Offset Bracket - 4 & 6 Inch





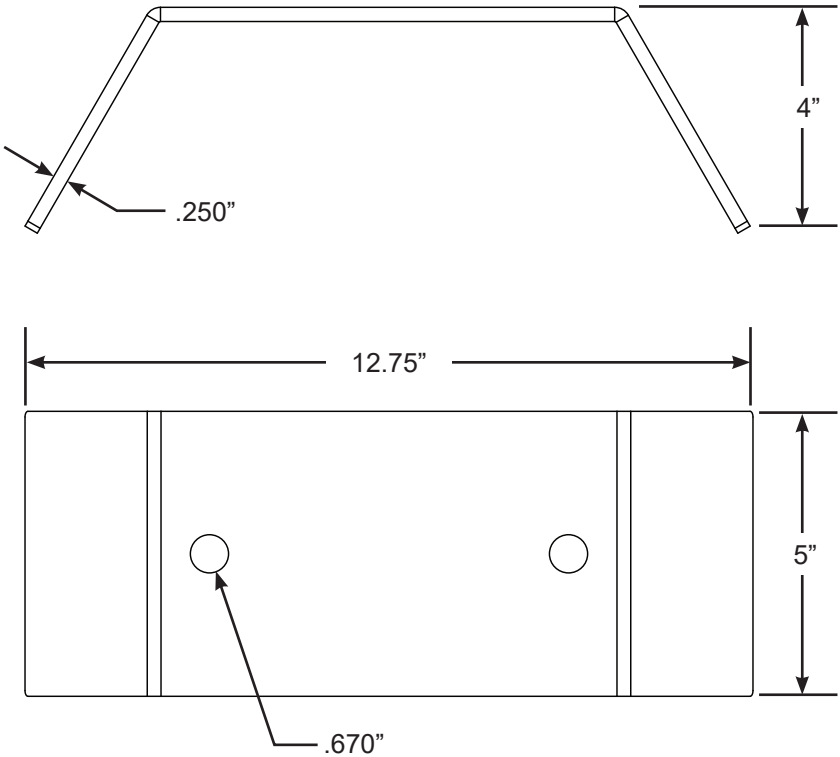
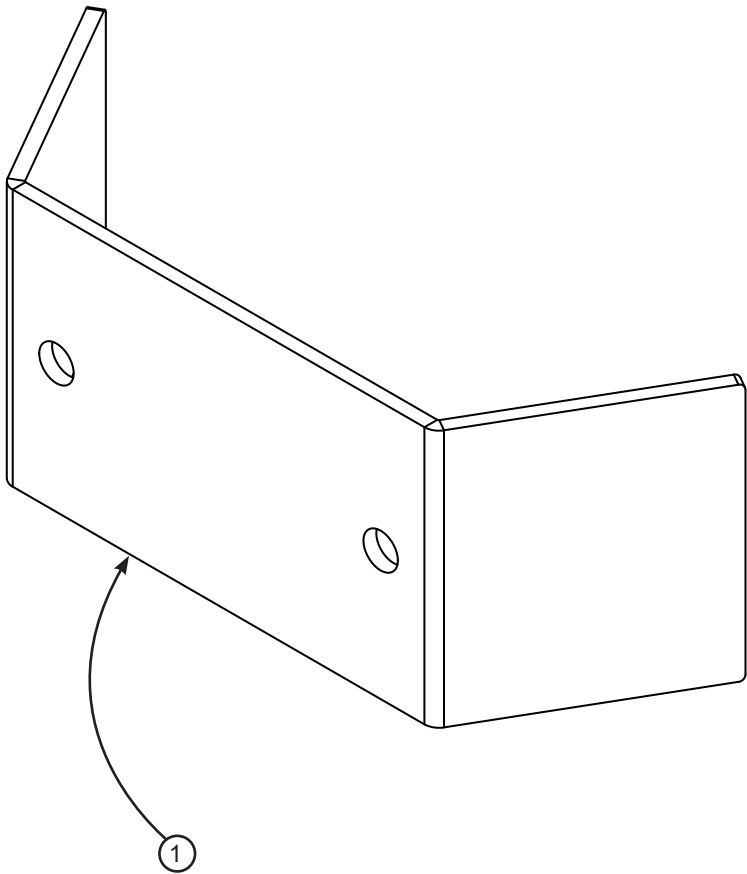
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Installation Instructions

Offset Bracket - 4 & 6 Inch

Offset Bracket - 4 Inch #501-1560



ITEM	PART #	DESCRIPTION	QTY
1	501-1560	EZ-Mount Pivot Offset Mount - 4"	1

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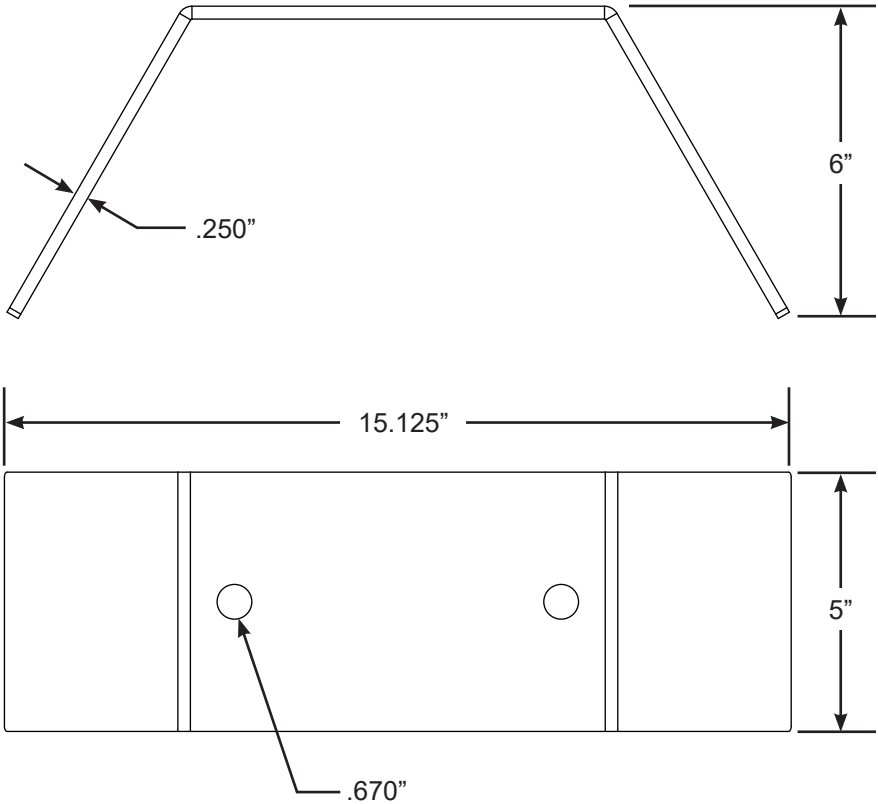
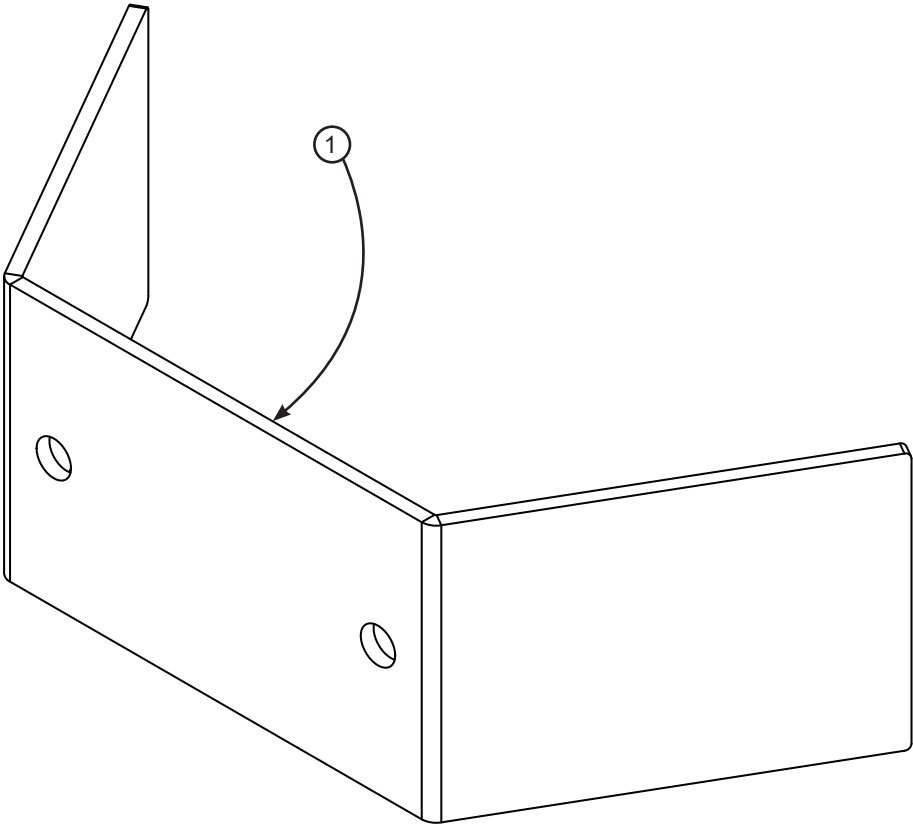
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Installation Instructions

Offset Bracket - 4 & 6 Inch

Offset Bracket - 6 Inch #501-1561



ITEM	PART #	DESCRIPTION	QTY
1	501-1561	EZ-Mount Pivot Offset Mount - 6"	1

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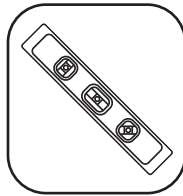
Installation Instructions

Offset Bracket - 4 & 6 Inch

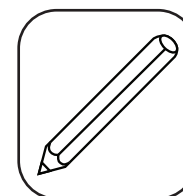
Required Tools



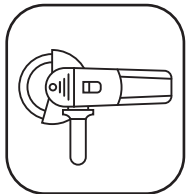
Spray Paint



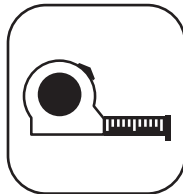
Level



Pencil or Marker



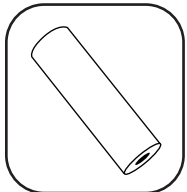
Metal Grinder



Tape Measure



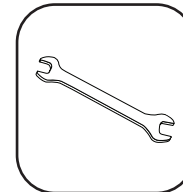
Welding Equipment & Helmet



9/16" Socket



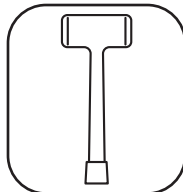
Impact Drill



9/16" Open/Close Wrench



Power Drill
(Optional)



Dead Blow Hammer
(Optional)



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Installation Instructions

Offset Bracket - 4 & 6 Inch





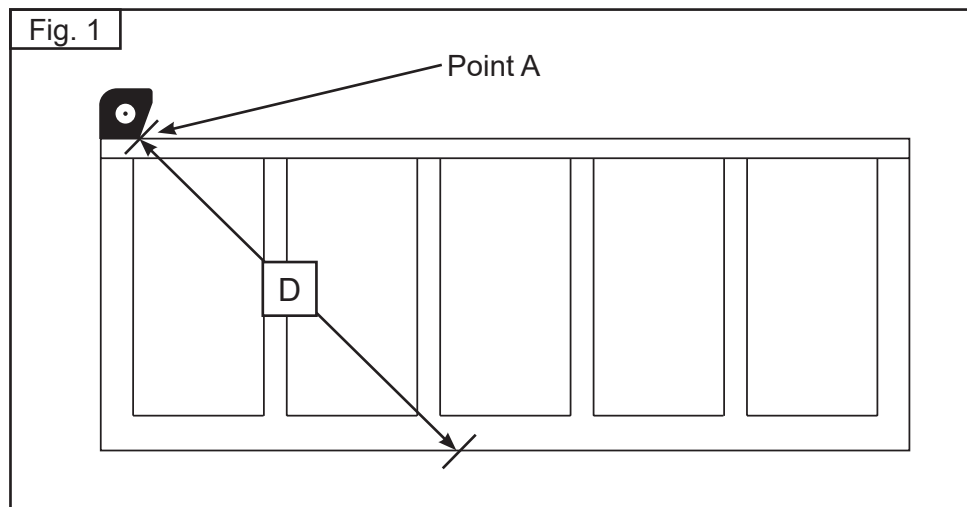
Installation Instructions

Offset Bracket - 4 & 6 Inch

Determining the Pivot Point

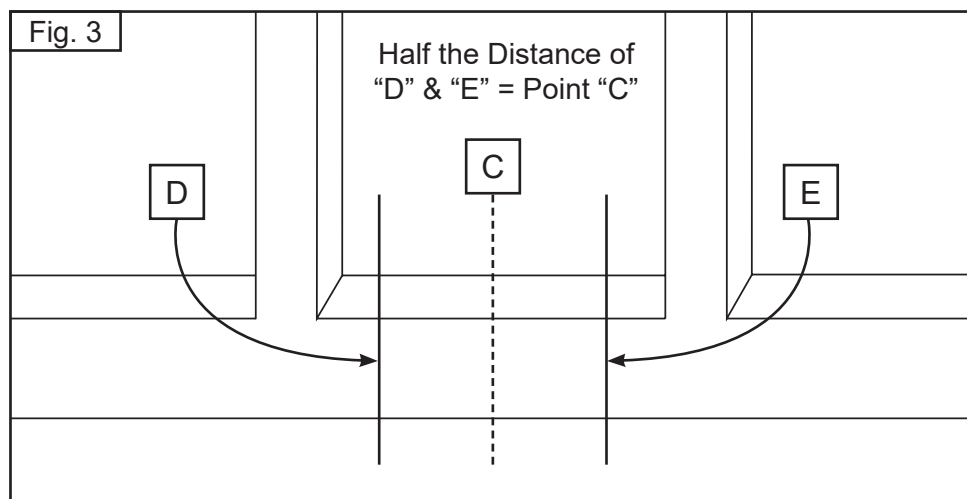
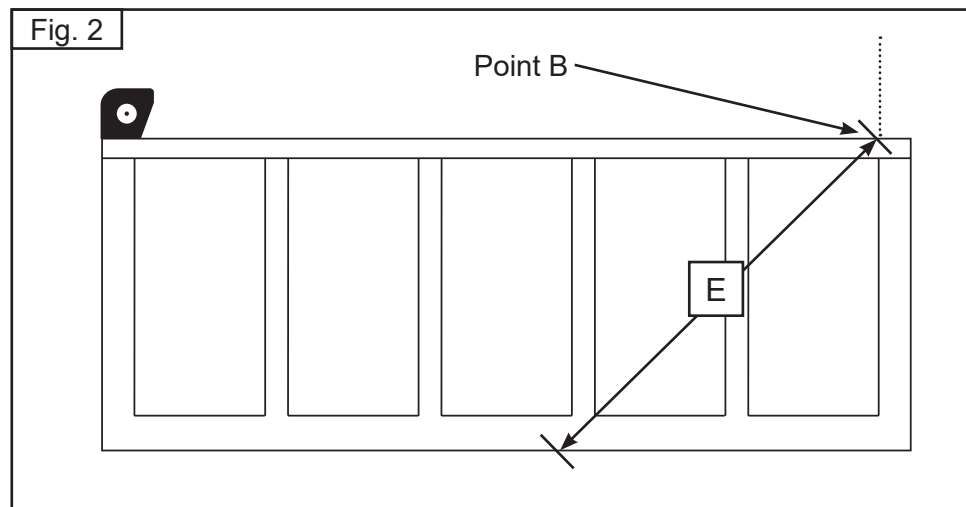
Step 1:

Measure from Point "A" to a point close to where you estimate the center to be. Record the measurement "D" and mark the box (Fig. 1).



Step 2:

Measure from Point "B" using the same measurement from Step 1 and mark it (Fig. 2).



Step 3:

Measure from the first mark "D" to second "E" at the same height, take 1/2 of that measurement and that will determine the pivot (Point C) (Fig. 3).

Measure from the back of the box to the pivot point. Transfer this measurement to the other side of the truck to establish the pivot point.

CAUTION: Some applications may require the pivot to be located above the lower edge of the body.



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Required Tools:



Installation Instructions

Offset Bracket - 4 & 6 Inch

Bracket Mounting Location

Step 4: Once you've determined the pivot locations on the box, mark the box where the Offset Pivot will be welded (Y & Z). For 501-1560 (4" bracket), mark parallel lines 6-3/8" towards the "Y" and "Z" from the center of the pivot location "C" (Fig. 4A & B). For 501-1561 (6" bracket), mark parallel lines 7-9/16" towards the "Y" and "Z" from the center of the pivot location "C" (Fig. 5A & B).

Fig. 4A

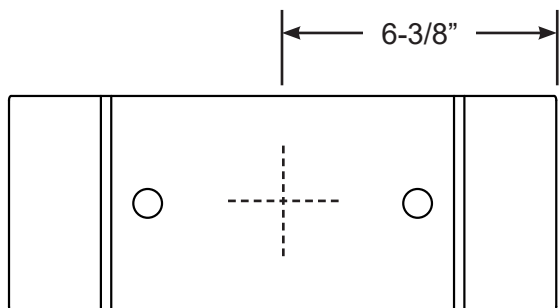


Fig. 4B

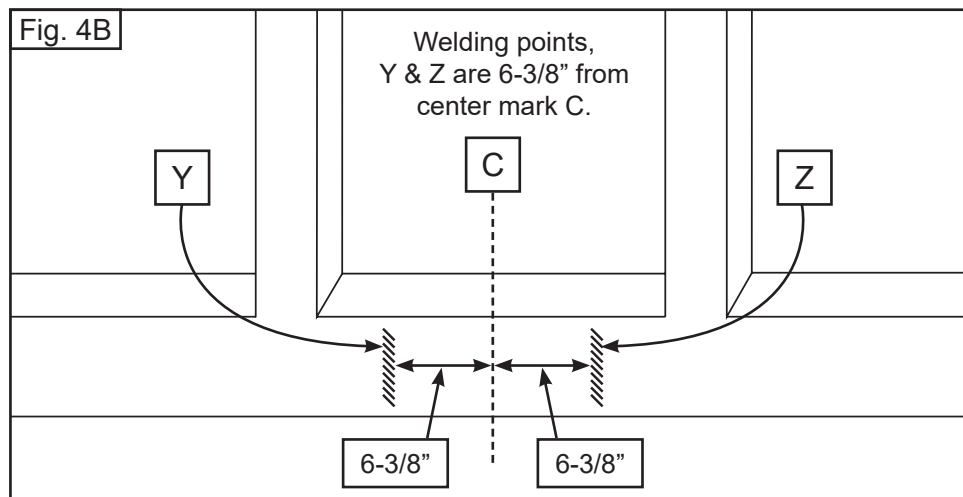


Fig. 5A

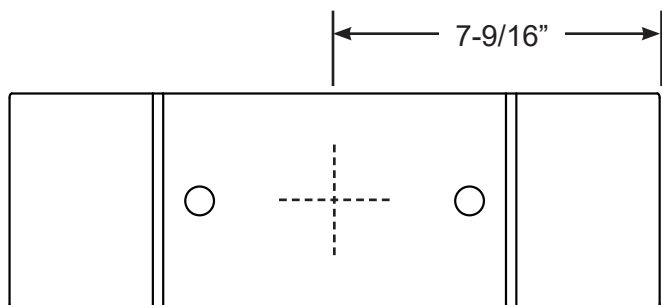
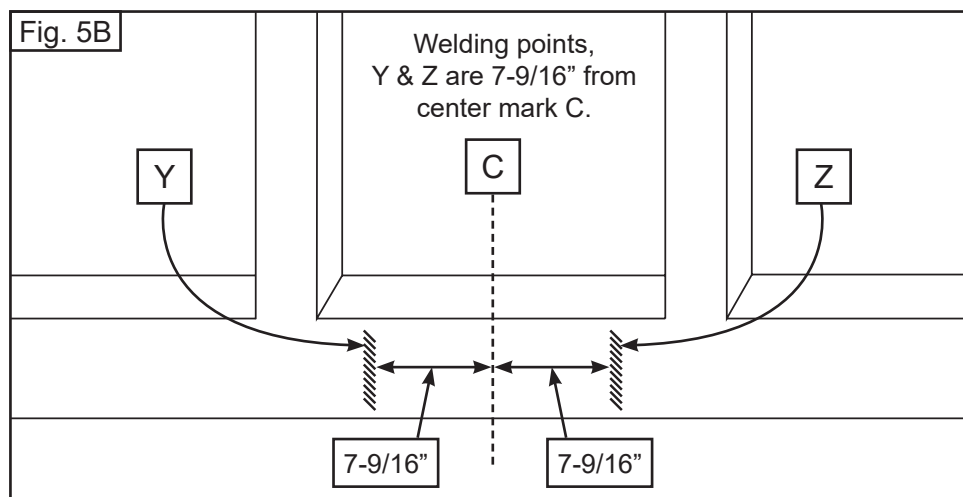


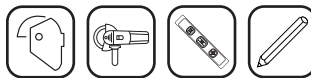
Fig. 5B





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Required Tools:



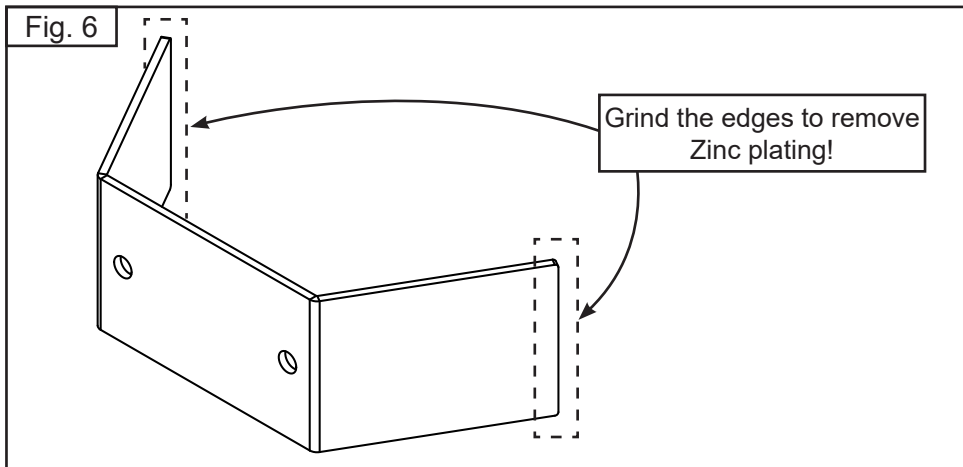
Installation Instructions

Offset Bracket - 4 & 6 Inch

Prepping Offset Brackets for Mounting

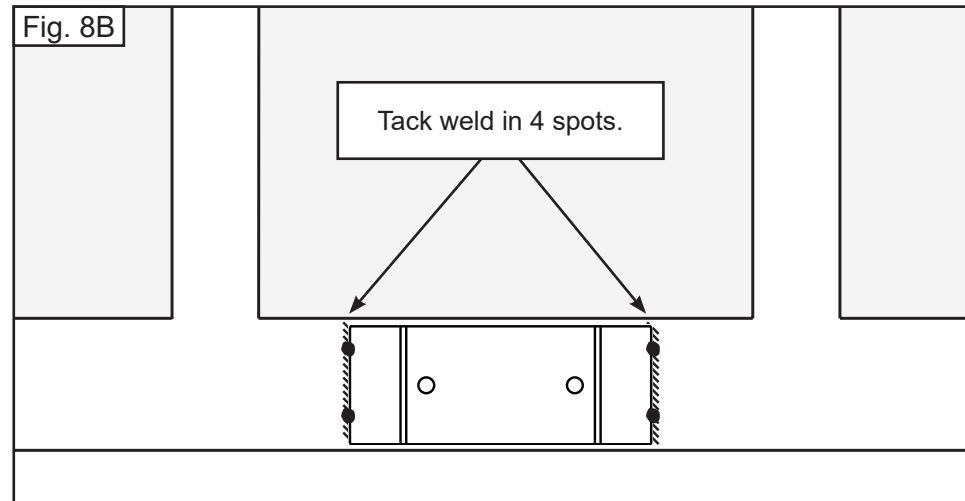
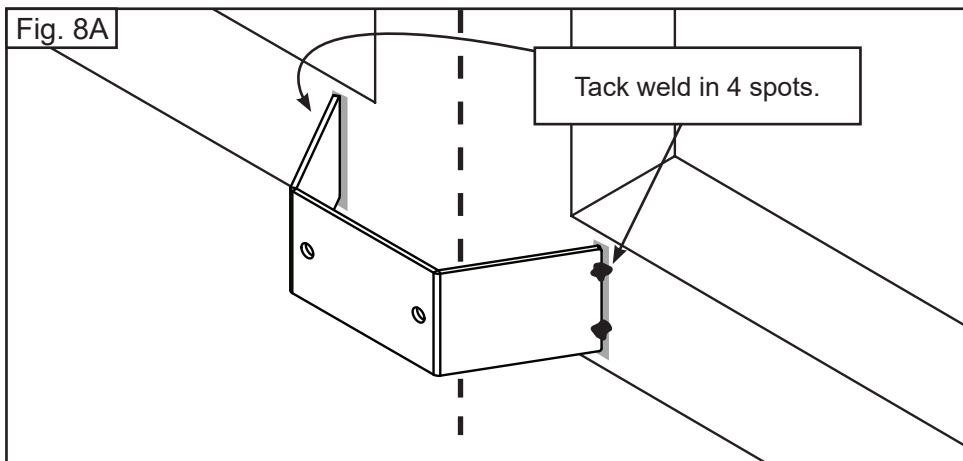
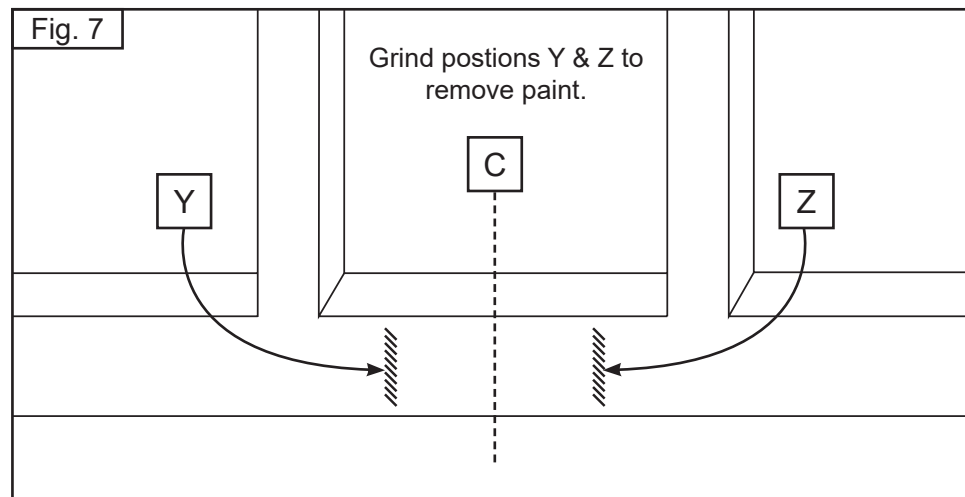
Step 5:

Grind the zinc plating 1/2" off the edges of the Offset Pivots (Fig. 6).



Step 6:

Grind the paint/plating 1" off the trailer or truck body at positions "Y" and "Z" where the mounting position has been marked (Fig. 7).



Step 7:

Tack weld the offset bracket into place, making sure to use a level to verify that the pivot offset is level with the truck or trailer (Fig. 8A & B).



Installation Instructions

Offset Bracket - 4 & 6 Inch

Testing Mounted Offset Brackets for Proper Arm Spacing

Step 8:

Install manual pivots on both sides of body (Fig. 9A & B) and insert arms into pivot once mounted.

Fig. 9A

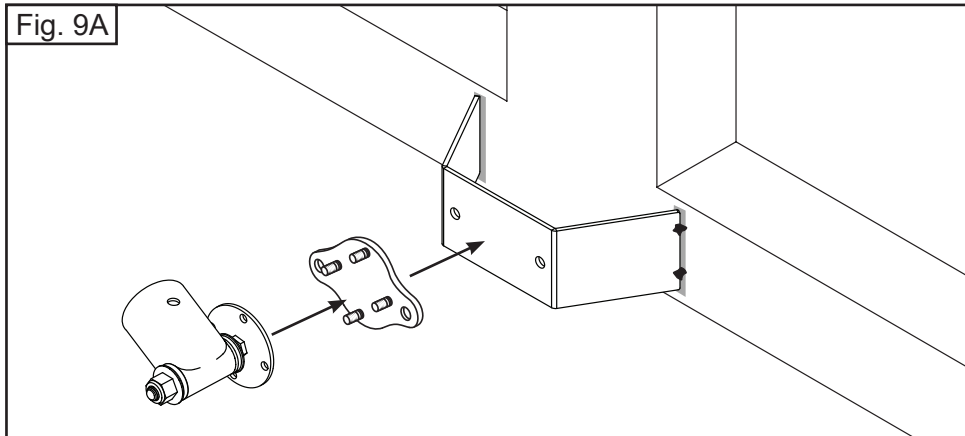


Fig. 9B

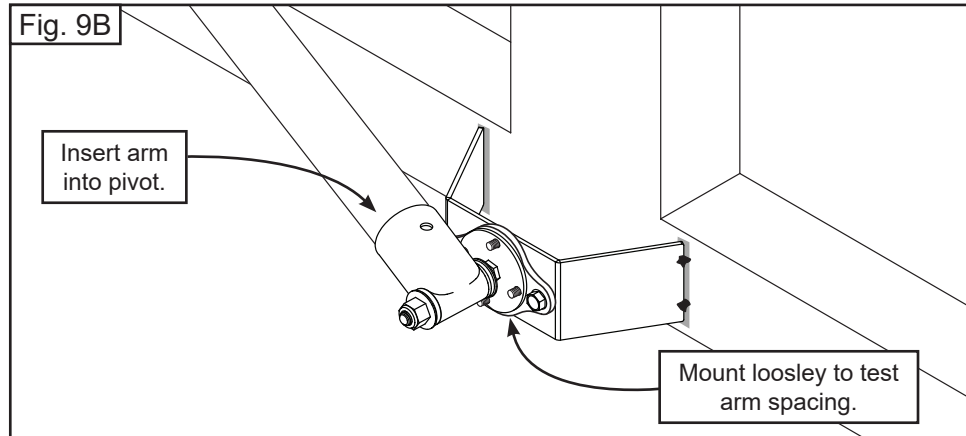


Fig. 10A

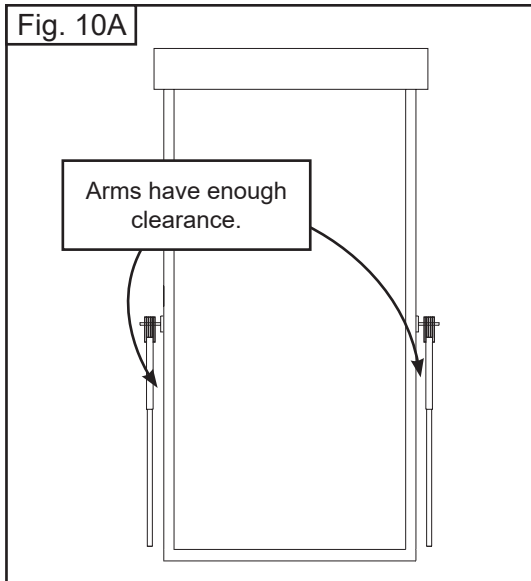
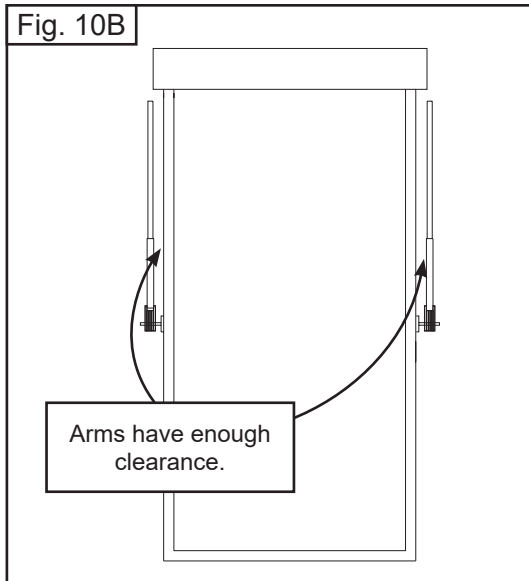


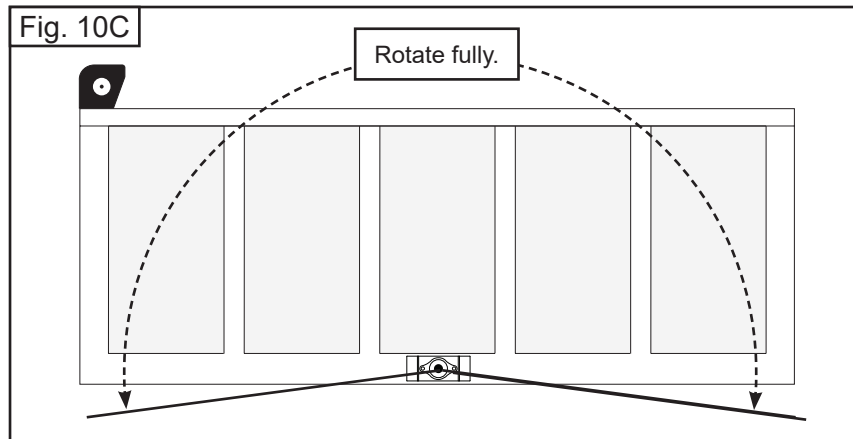
Fig. 10B



Step 9:

Rotate pivot to check to see if opening/closing binds the system (Fig. 10A, B & C). Make sure the arms have enough clearance from truck body before permanently welding the offset bracket.

Fig. 10C



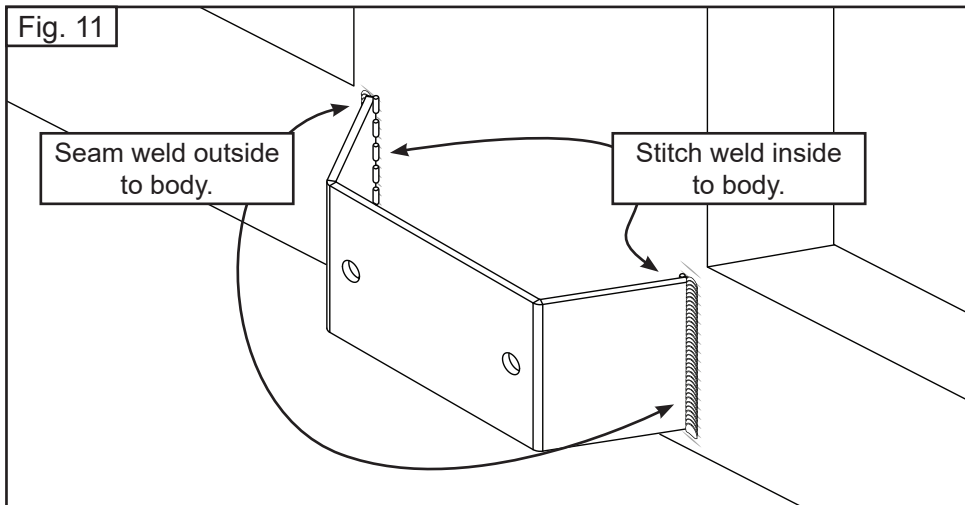


Installation Instructions

Offset Bracket - 4 & 6 Inch

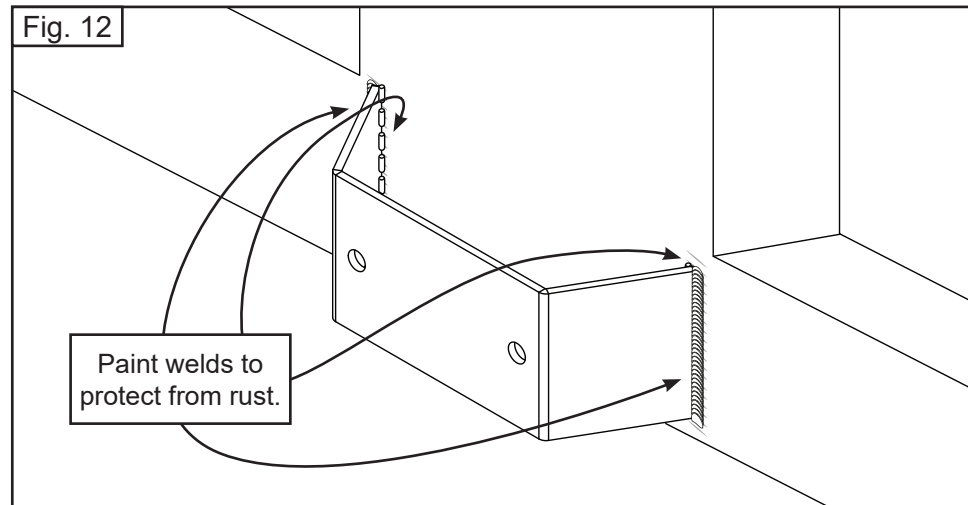
Welding and Painting

Step 10: After removing the pivot and EZ-Mount, seam weld the outer edge and stitch weld the inside of the brackets to body (Fig. 11).



Step 11:

Paint recommended on welds to prevent rusting (Fig. 12).



Step 12:

Install EZ-Mount and then install desired pivot and secure (Fig. 13A & B).

