

# **Cost-effective Rollover Protective Structure (CROPS)**

for Wheeled Agricultural Tractors

Ford 3000 SERIES

TECHNICAL DRAWINGS

Note: “Left” and “Right” refer to the tractor operators’ left or right as they sit in the seat looking forward.

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DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Centers for Disease Control and Prevention  
National Institute for Occupational Safety and Health



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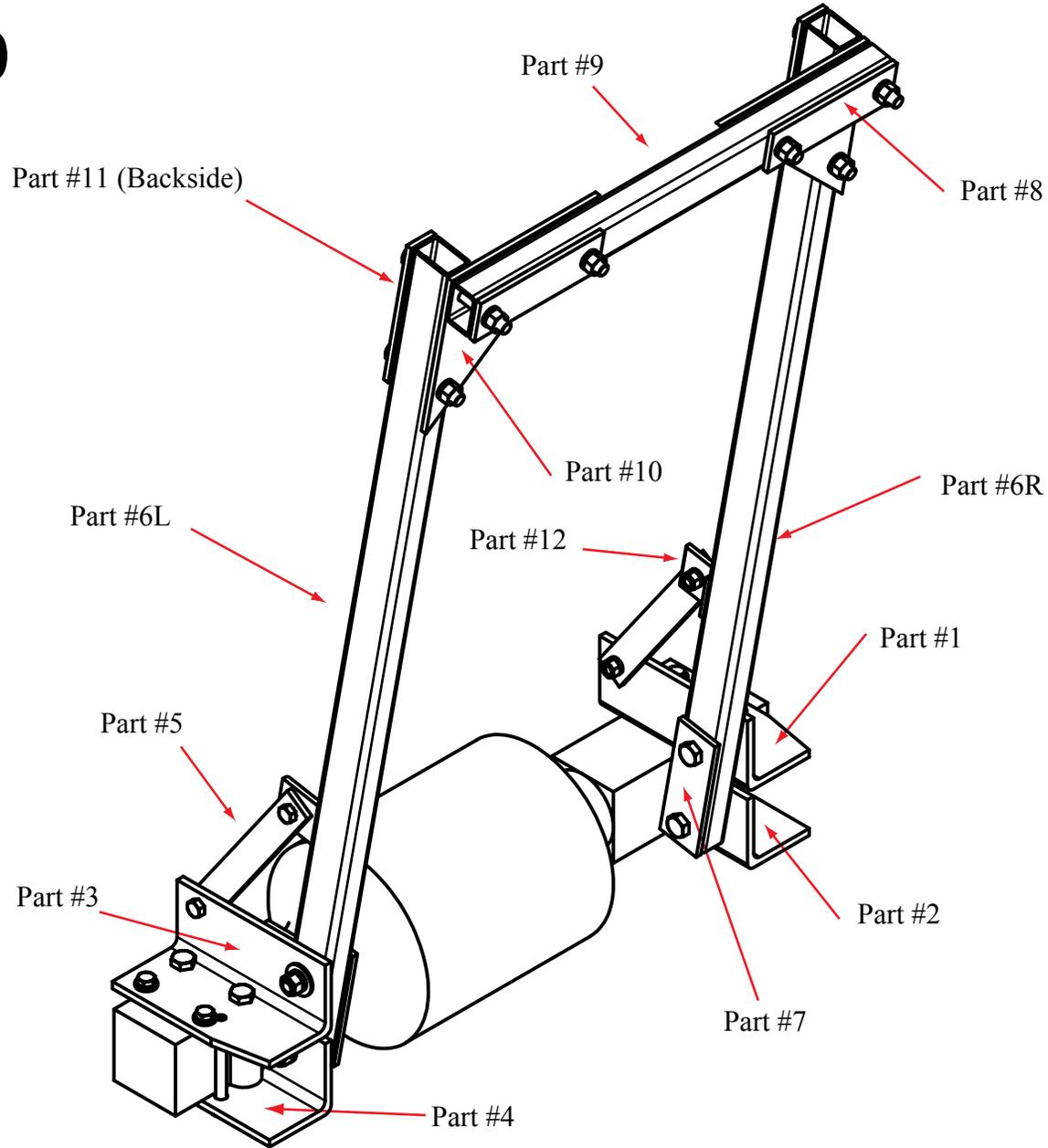
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# Ford 3000 Parts

Driver's  
Left Side

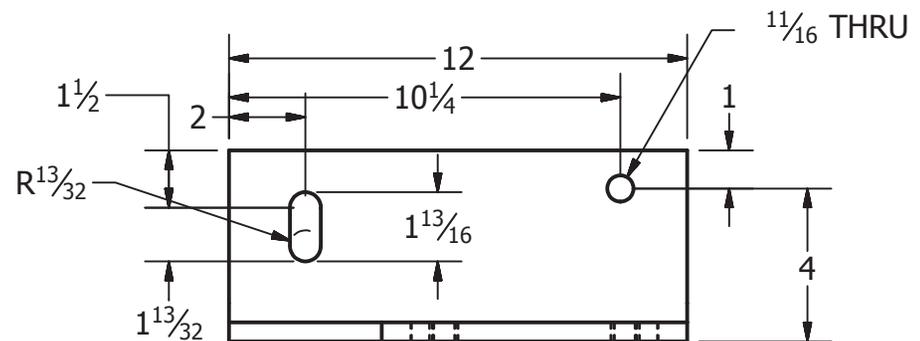
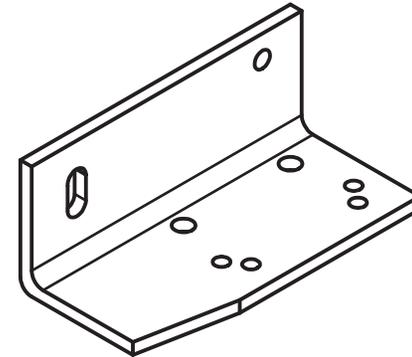
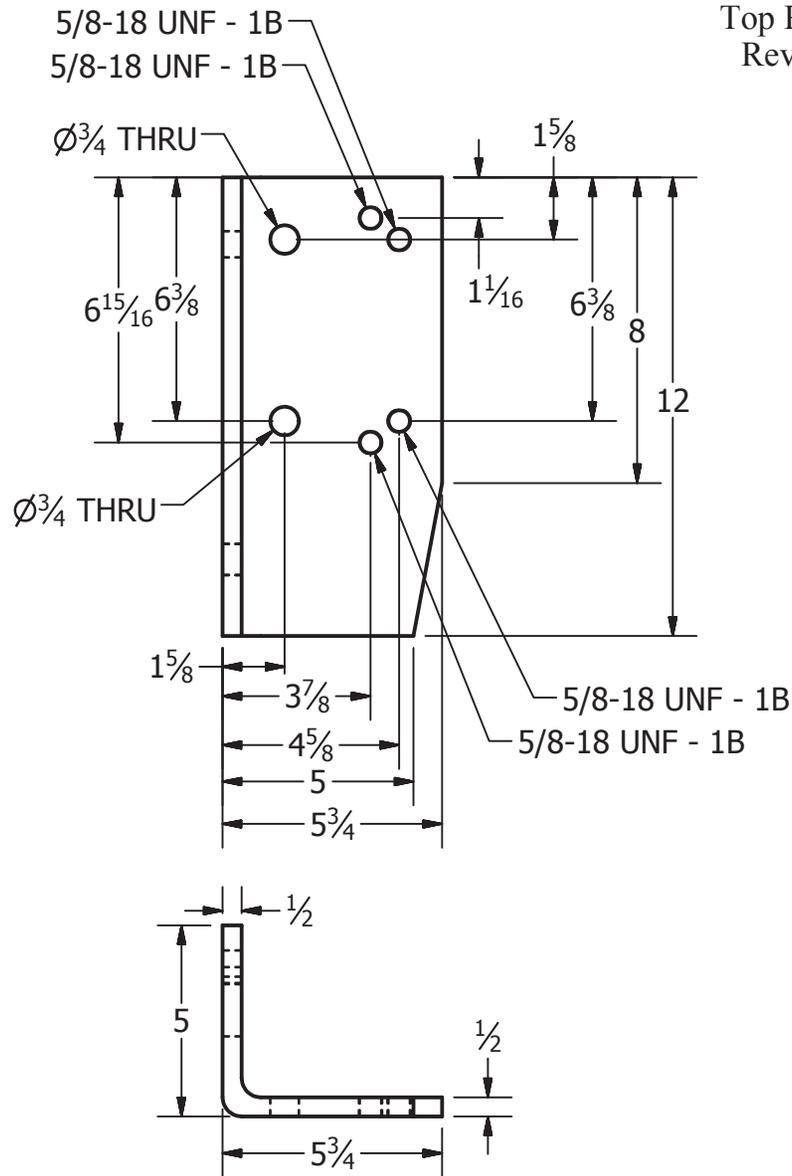
Driver's  
Right Side





# Ford 3000 Part #1

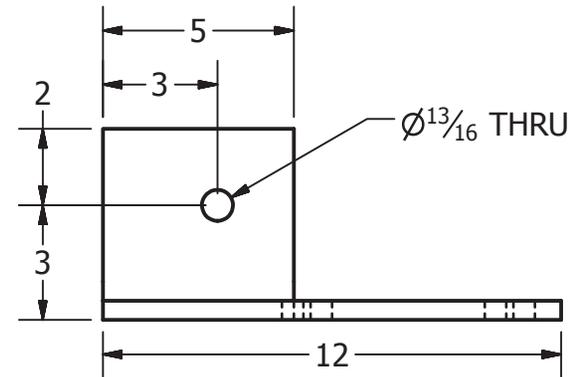
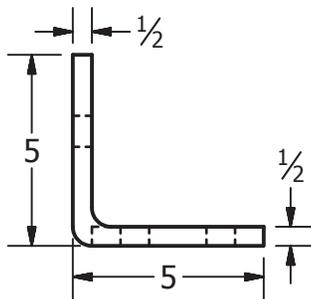
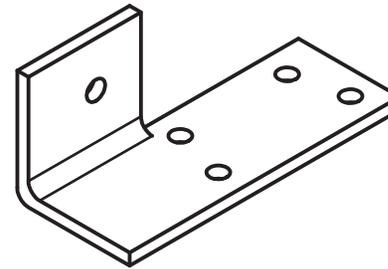
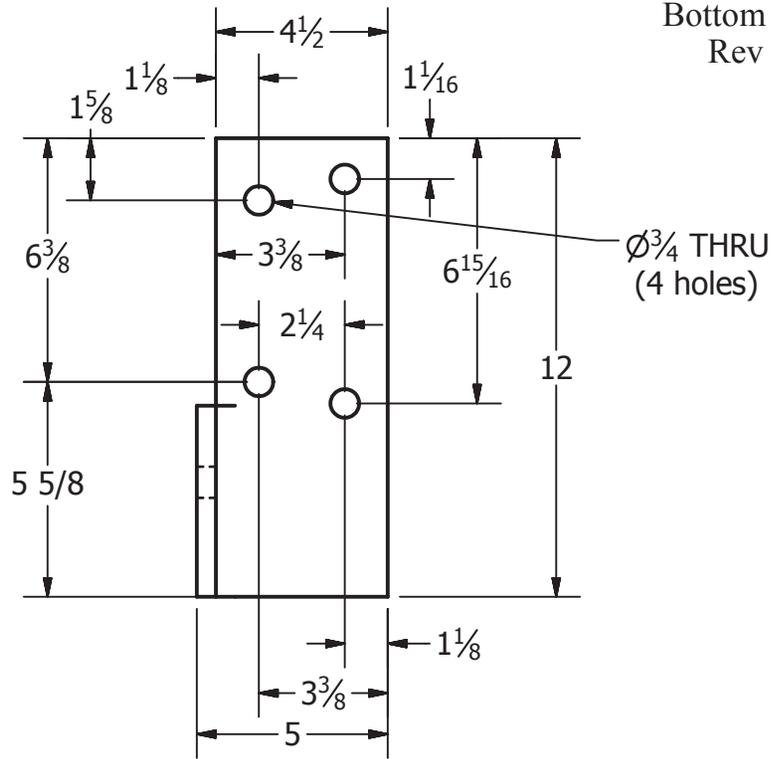
Top Right Axle Bracket  
Rev 8/19/2011 EAM



Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

**Ford 3000 Part #2**

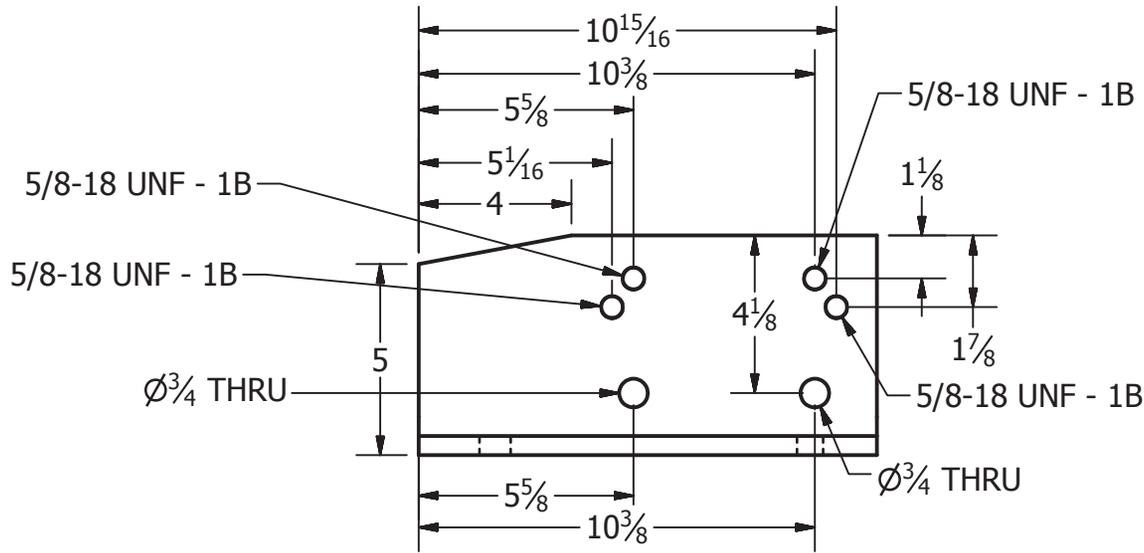
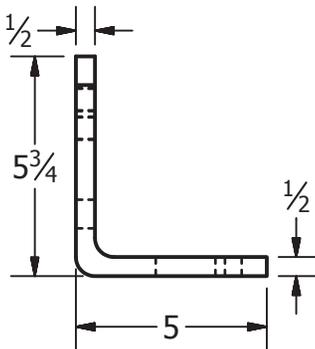
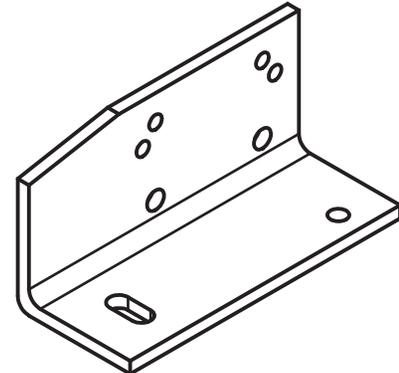
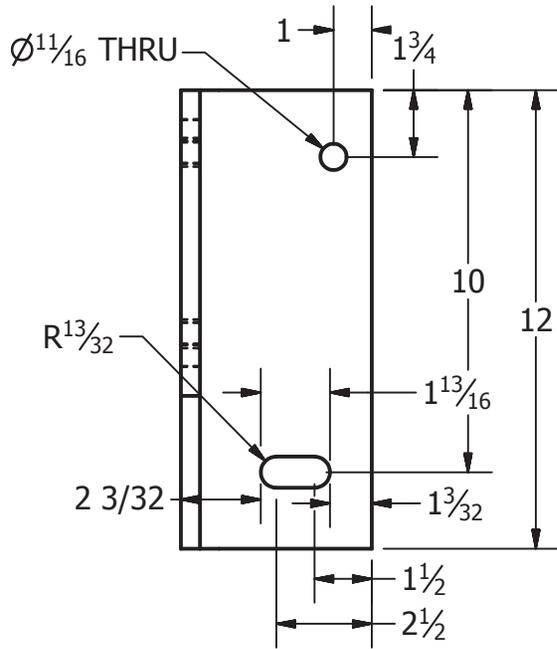
Bottom Right Axle Bracket  
Rev 8/19/2011 EAM



Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

### Ford 3000 Part #3

Top Left Axle Bracket  
Rev 8/19/2011 EAM

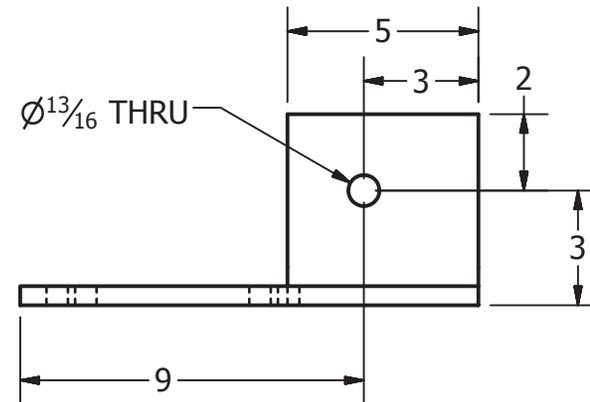
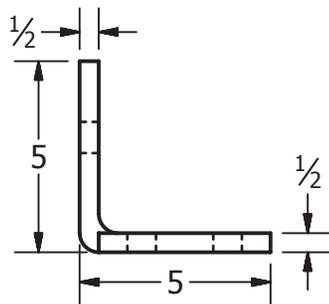
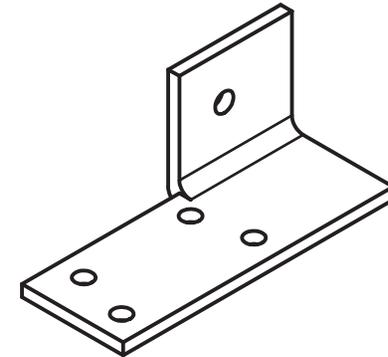
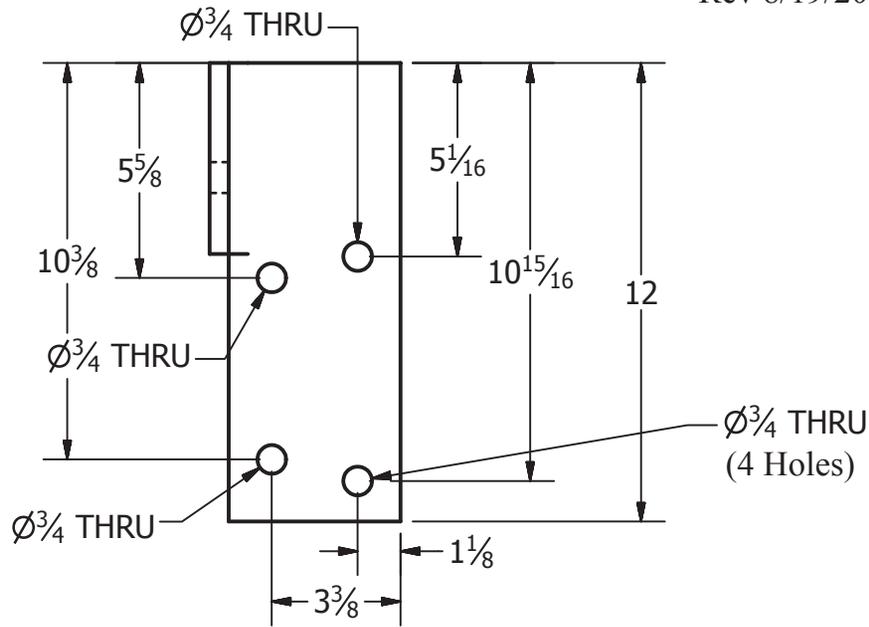


Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

# Ford 3000 Part #4

Bottom Left Axle Bracket

Rev 8/19/2011 EAM

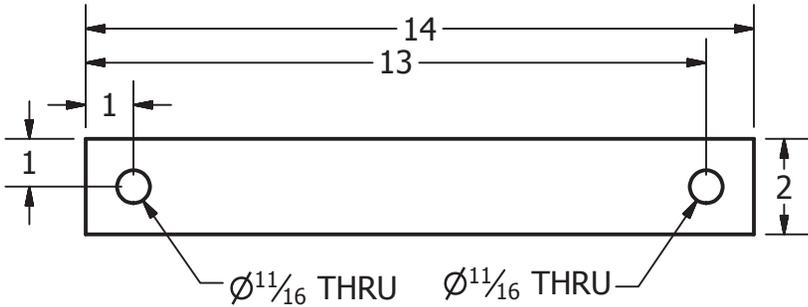
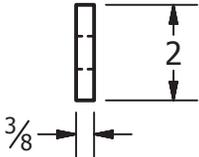
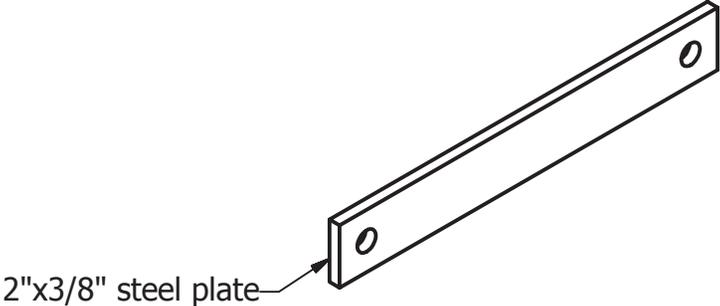
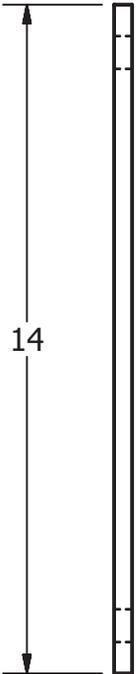


Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

### Ford 3000 Part #5

Vertical Tube Bolted Brace

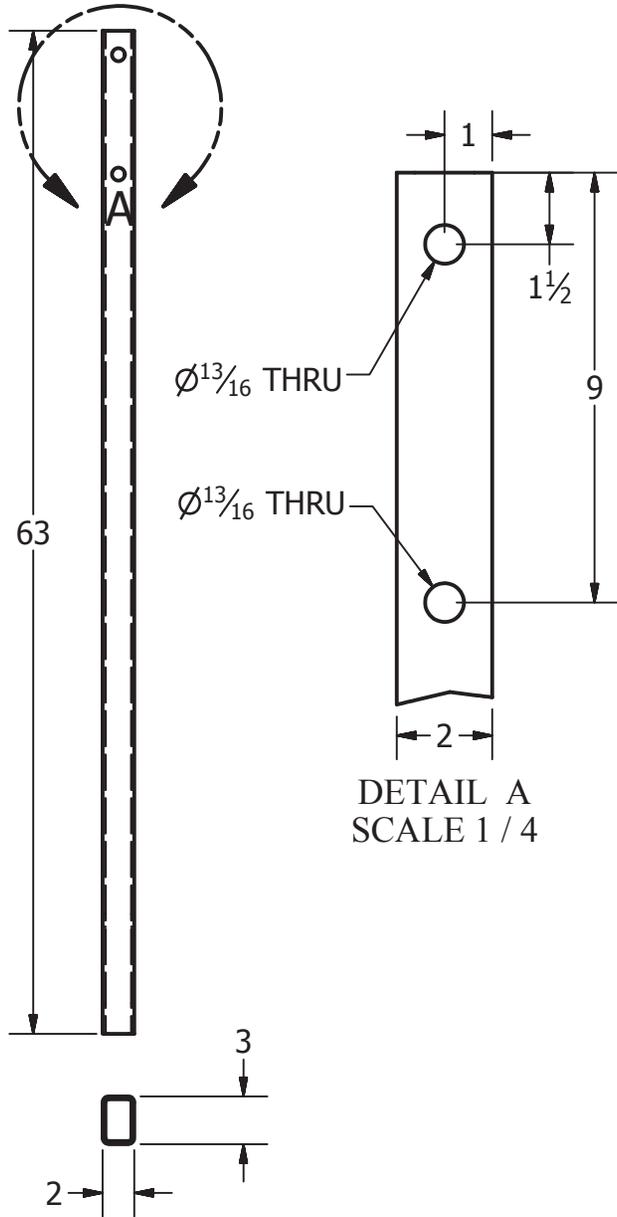
Rev 8/19/2011 EAM



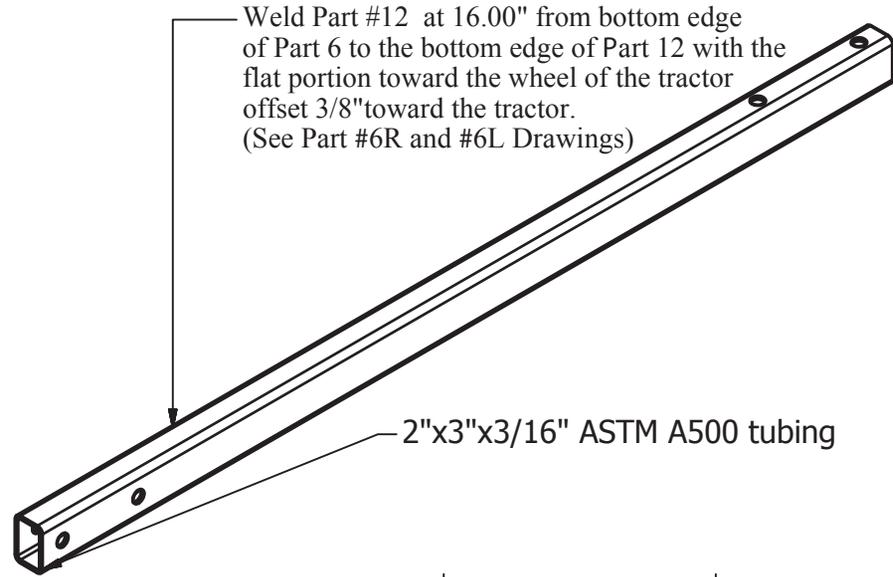
Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

# Ford 3000 Part #6

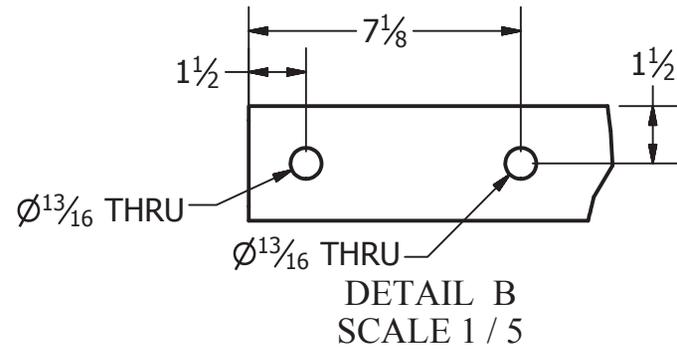
Vertical Tube  
Rev 8/19/2011 EAM



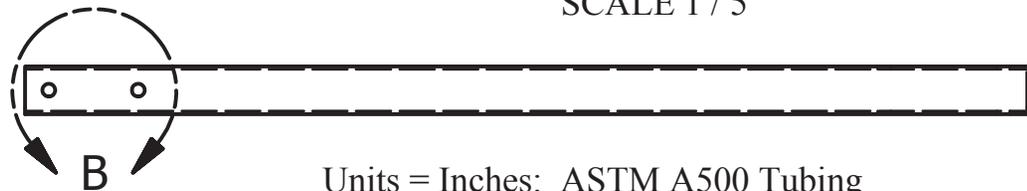
DETAIL A  
SCALE 1 / 4



Weld Part #12 at 16.00" from bottom edge of Part 6 to the bottom edge of Part 12 with the flat portion toward the wheel of the tractor offset  $\frac{3}{8}$ " toward the tractor. (See Part #6R and #6L Drawings)



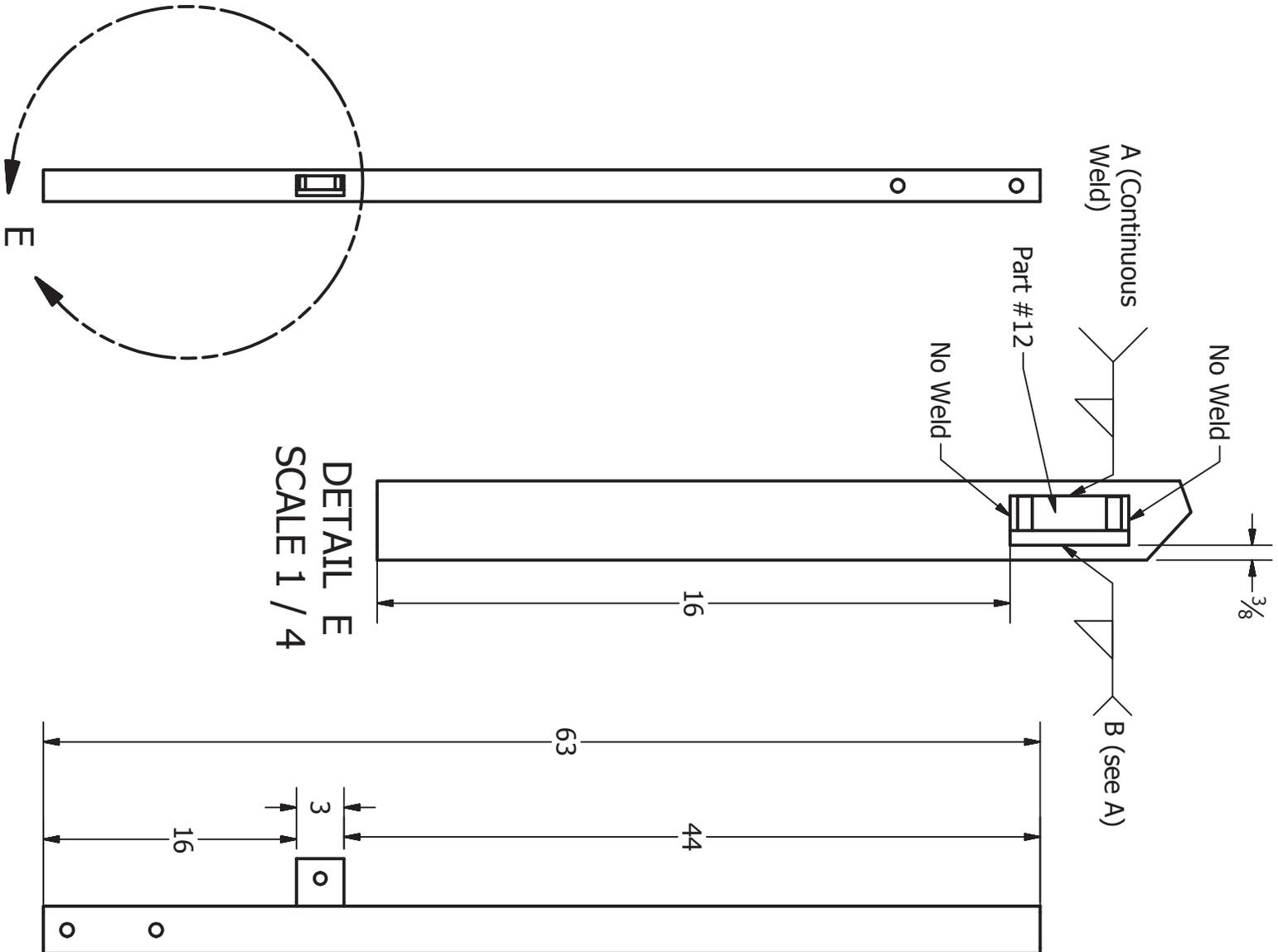
DETAIL B  
SCALE 1 / 5



Units = Inches: ASTM A500 Tubing

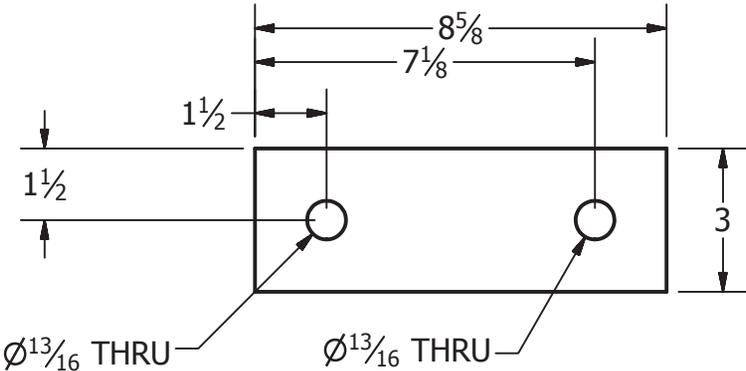
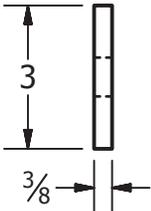
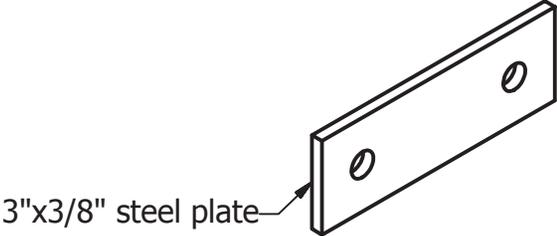
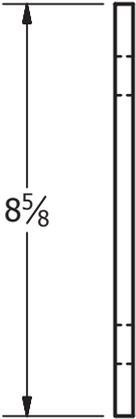


**Ford 3000 Part #6L**  
Left Vertical Tube  
Rev 8/19/2011 EAM



Units = Inches: ASTM A500 Tubing

**Ford 3000 Part #7**  
Bottom Vertical Tube Backing Plate  
Rev 8/19/2011 EAM

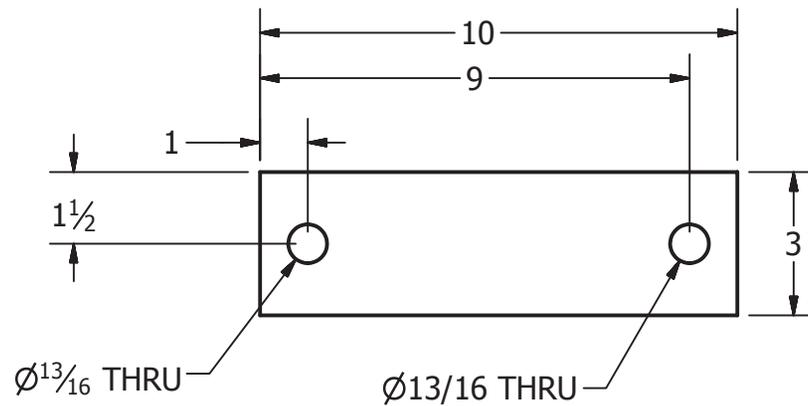
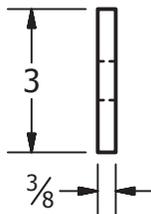
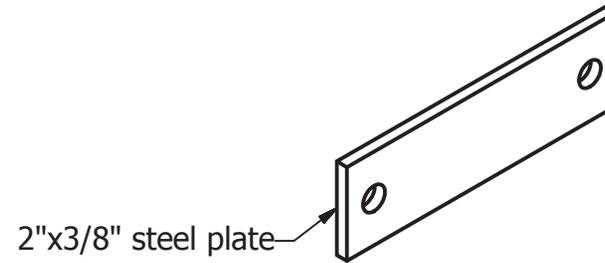
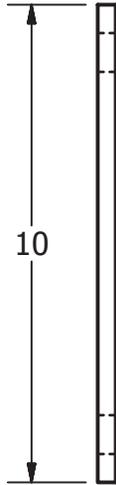


Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

# Ford 3000 Part #8

Cross Bar Backing Plate

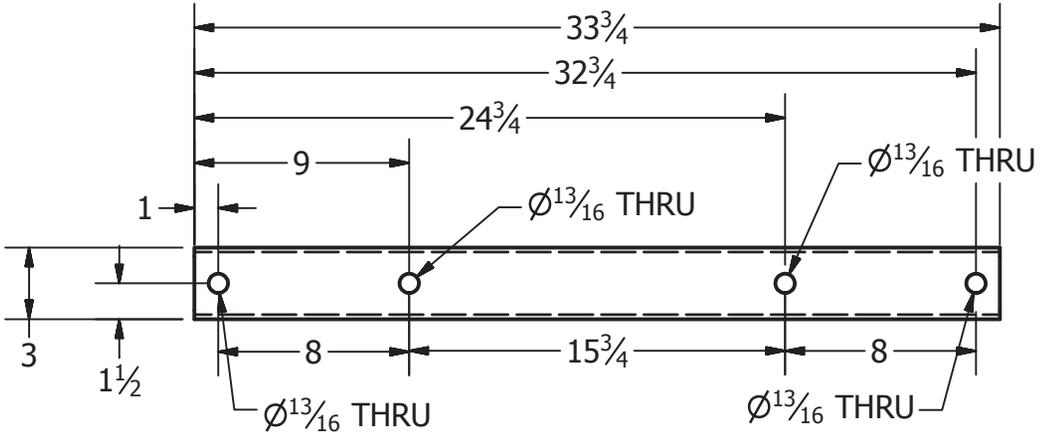
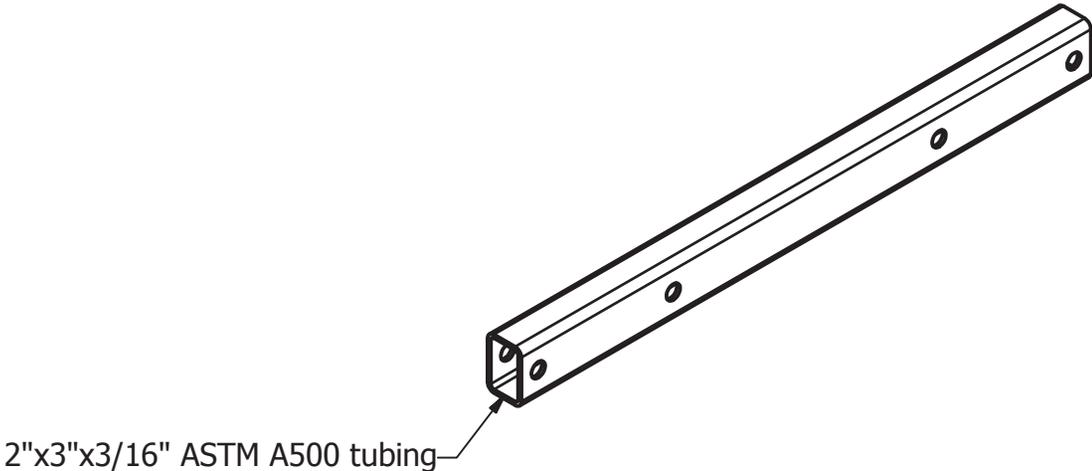
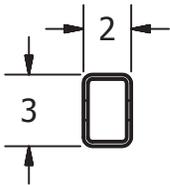
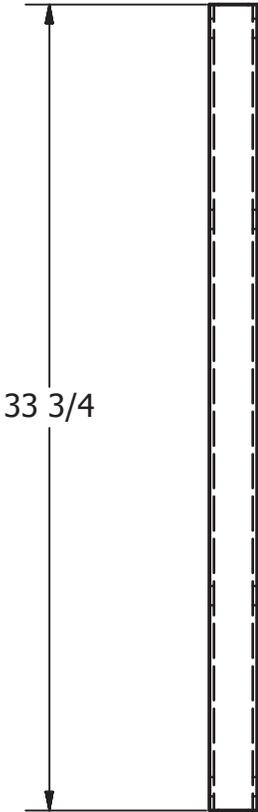
Rev 8/19/2011 EAM



Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

# Ford 3000 Part #9

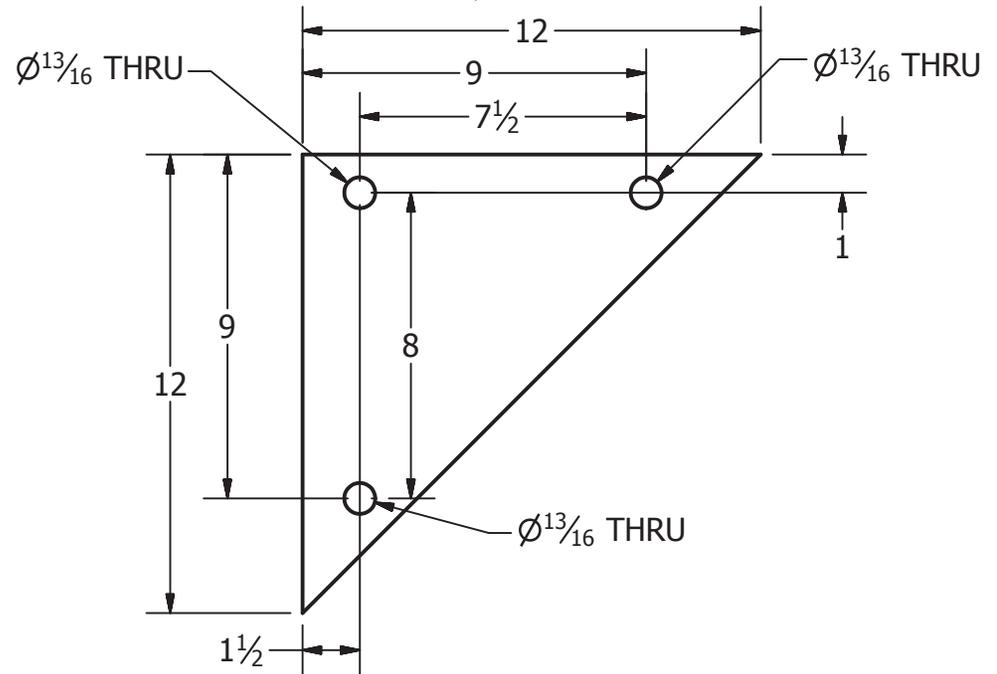
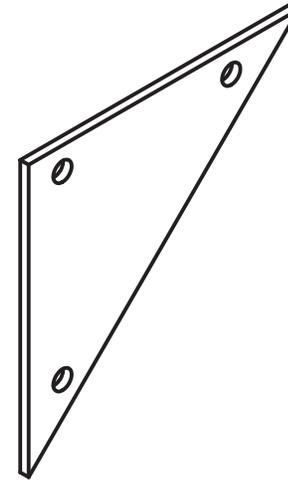
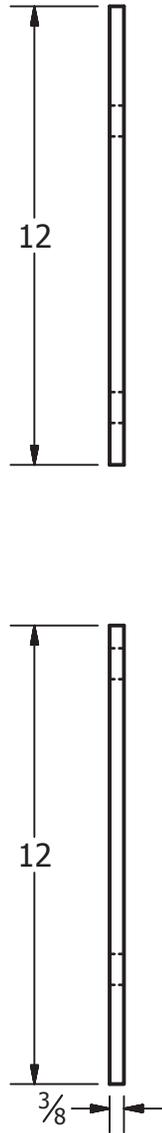
Cross Bar  
Rev 8/19/2011 EAM



Units = Inches: ASTM A500 Tubing

# Ford 3000 Part #10

Corner Plate  
Rev 8/19/2011 EAM

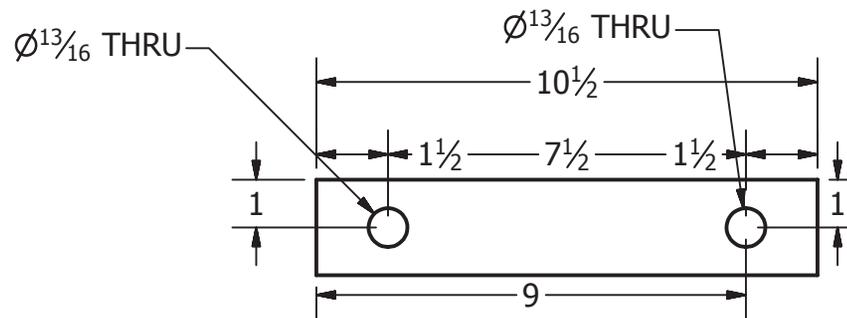
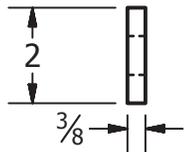
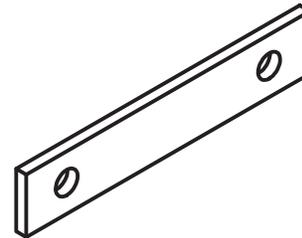
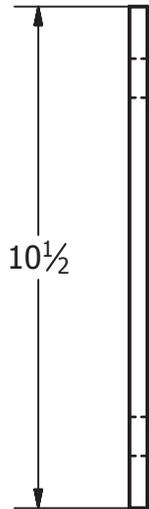


Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

# Ford 3000 Part #11

Top Vertical Tube Backing Plate

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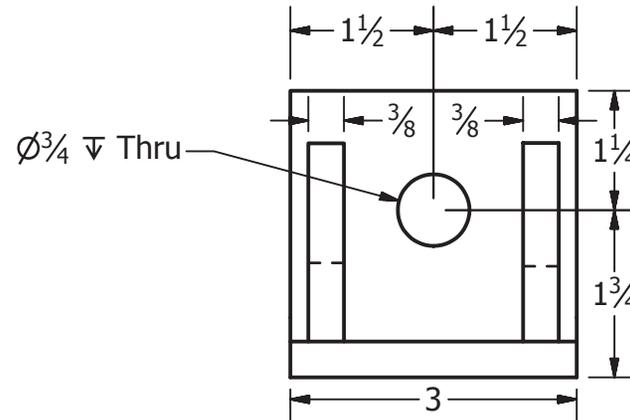
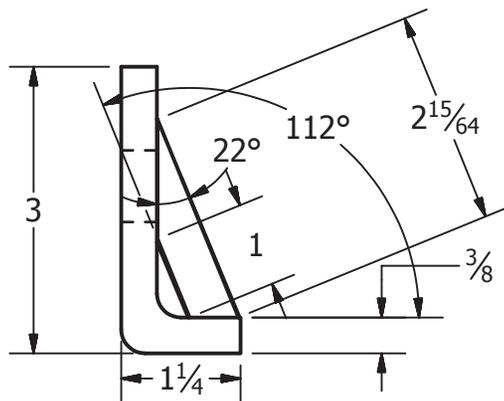
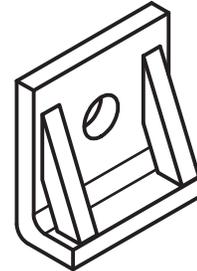
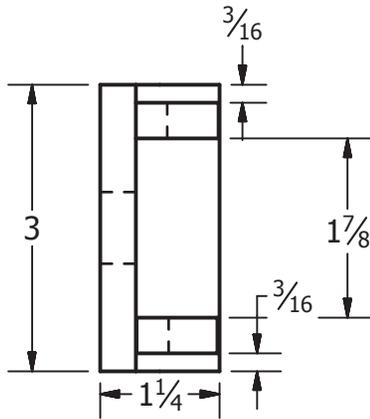


Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

### Ford 3000 Part #12

Vertical Tube Welded Brace

Rev 8/19/2011 EAM



Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)



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