Cost-effective Rollover Protective Structure (CROPS) for Wheeled Agricultural Tractors

FORD 8N SERIES

TECHNICAL DRAWINGS
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Ford 8N Part #1
Top Right Axle Bracket
Rev 8/18/2011 EAM

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

Ford 8N Page 5
Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
Ford 8N Page 6
Ford 8N Part #3
Top Left Axle Bracket
Rev 8/18/2011 EAM

Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
Ford 8N Page 7
Ford 8N Part #4
Bottom Left Axle Bracket
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Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
Ford 8N Part #5
Vertical Tube Bolted Brace
Rev 8/18/2011 EAM

2"x3/8" steel plate

Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
Ford 8N Part #6
Vertical Tube
Rev 8/18/2011 EAM

Weld Part #12 at 12.125" from bottom edge of Part 6 to the bottom edge of Part 12 with the flat portion toward the wheel of the tractor offset 3/8" toward the tractor. (See Part #6R and #6L Drawings)

Units = Inches: ASTM A500 Tubing

Ford 8N Page 10
Ford 8N Part #7
Bottom Vertical Tube Backing Plate
Rev 8/18/2011 EAM

3" X 3/8" steel plate

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

Ford 8N Page 13
Ford 8N Part #8
Cross Bar Backing Plate
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Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
Ford 8N Part #9
Cross Bar
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Units = Inches: ASTM A500 Tubing
Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
Ford 8N Page 17

Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
Ford 8N Part #12
Vertical Tube Welded Brace
Rev 8/18/2011 EAM

Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
Ford 8N Part #13
Seat Belt Bracket
Rev 8/18/2011 EAM

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