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.
Disclaimer
Mention of any company or product does not constitute endorsement by the National Institute for Occupational Safety and Health (NIOSH). In addition, citations to Web sites external to NIOSH do not constitute NIOSH endorsement of the sponsoring organizations or their programs or products. Furthermore, NIOSH is not responsible for the content of these Web sites. All Web addresses referenced in this document were accessible as of the publication date.

Ordering Information
To receive documents or other information about occupational safety and health topics, contact NIOSH at

  TTY: 1–888–232–6348
  E-mail: cdcinfo@cdc.gov

  or visit the NIOSH Web site at www.cdc.gov/niosh.

For a monthly update on news at NIOSH, subscribe to NIOSH eNews by visiting www.cdc.gov/niosh/eNews.

Safer • Healthier • People™
Ford 3000 Parts

Driver’s Left Side

- Part #6L
- Part #5
- Part #3
- Part #4
- Part #11 (Backside)

Driver’s Right Side

- Part #12
- Part #10
- Part #6R
- Part #1
- Part #2
- Part #7
- Part #8

Ford 3000 Page 3
Ford 3000
Fasteners

Driver's
Left Side

3/4 - 16 x 4"
(B2, W2, N2)

3/4 - 16 x 7.5"
(B4, W2, N2)

3/4 - 16 x 5"
(B3, W2, N2)

5/8 - 18 x 1.75"
(B1, W1, N1)

5/8 - 18 x 7.8"
(B7, W1, N1)

5/8 - 18 x 1.25"
(B5, W1, W4)

5/8 - 18 x 7.5"
(B6, W1, W4)

Installed from the bottom of the Axle (2 per side)

Driver's
Right Side

3/4 - 16 x 4"
(B2, W3, W2, N2)

3/4 - 16 x 7.5"
(B4, W2, N2)

3/4 - 16 x 5"
(B3, W2, N2)

5/8 - 18 x 1.75"
(B1, W1, N1)

3/4 - 16 x 4"
(B2, W3, W2, N2)

3/4 - 16 x 4"
(B2, W2, N2)

3/4 - 16 x 4"
(B2, W3, W2, N2)

3/4 - 16 x 4"
(B2, W2, N2)
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

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 3/8" toward the tractor. (See Part #6R and #6L Drawings)

Units = Inches: ASTM A500 Tubing

Ford 3000 Page 10
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)
CROPS Technical Drawings, Ford 3000 Series

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

2"x3"x3/16" ASTM A500 tubing

Units = Inches: ASTM A500 Tubing
Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
Ford 3000 Part #11
Top Vertical Tube Backing Plate
Rev 8/19/2011 EAM

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)
Delivering on the Nation’s promise:
Safety and health at work for all people
through research and prevention

To receive documents or other information about occupational safety and health topics, contact NIOSH at

Telephone: 1-800-CDC-INFO (1-800-232-4636)
TTY: 1-888-232-6348
E-mail: cdcinfo@cdc.gov

or visit the NIOSH Web site at www.cdc.gov/niosh.

For a monthly update on news at NIOSH, subscribe to NIOSH eNews by visiting www.cdc.gov/niosh/eNews.