Cost-effective Rollover Protective Structure (CROPS)

for Wheeled Agricultural Tractors

Massey Ferguson 135 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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CROPS Technical Drawings, Massey Ferguson 135 Series

**MF 135**

Parts

Driver’s Left Side

Driver’s Right Side

Part #11 (Backside)

Part #8

Part #10

Part #9

Part #6L

Part #6R

Part #12

Part #5

Part #1

Part #3

Part #4

Part #7

Part #2

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**MF 135**

**Fasteners**

**Driver's Left Side**

- 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 7.5" (B7, W4, W1, N1)
- 5/8 - 18 x 1.25" (B5, W1)

**Driver's Right Side**

- 3/4 - 16 x 7.5" (B4, W2, N2)
- 3/4 - 16 x 5" (B3, W2, N2)
- 3/4 - 16 x 4" (B2, W2, N2)
- 5/8 - 18 x 1.75" (B1, W1, N1)
- 5/8 - 18 x 7.5" (B7, W4, W1, N1)
- 5/8 - 18 x 1.25" (B5, W1)

Massey Ferguson 135 Page 4
Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
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CROPS Technical Drawings, Massey Ferguson 135 Series

MF 135 Part #3
Top Left Axle Bracket
Rev 8/18/2011 EAM

Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
Masssey Ferguson 135 Page 7
Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
MF 135 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)
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
MF 135 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)
MF 135 Part #8
Cross Bar Backing Plate
Rev 8/18/2011 EAM

Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
**MF 135 Part #9**

Cross Bar

Rev 8/18/2011 EAM

2"x3"x3/16" ASTM A500 tubing

Units = Inches: ASTM A500 Tubing

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Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
CROPS Technical Drawings, Massey Ferguson 135 Series

MF 135 Part #11
Top Vertical Tube Backing Plate
Rev 8/18/2011 EAM

Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
MF 135 Part #12
Vertical Tube Welded Brace
Rev 8/18/2011 EAM

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