All Bolts Grade 8
1/2 inch diameter
with Lock Washers

LENGTHS
2 - 2"
2 - 3"
2 - 3 1/4"

Grind leading edge sharp.
Approx. 60° included angle.

Plow point mounts to this plate.

3/4 x 3" Eye Bolt welded to bottom of Vertical Riser.

Design by:
Kenneth F. Crisman

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1. HITCH PIN MOUNTING PLATE
   (2) Required
   MATERIAL: 1/2" Steel

2. DRAW BAR
   (1) Required
   MATERIAL: 3 5/8 X 3 5/8 X 3/8 Angle Iron

3. TOP LINK ATTACHMENT EARS
   (2) Required
   MATERIAL: 1/2" Steel

4. TOP LINK ATTACHMENT BACK
   (1) Required
   MATERIAL: 1/2" Steel

5. ROUND TOP FOR APPEARANCE

6. ANGLE BRACE
   (2) Required
   MATERIAL: 1/2" STEEL

7. VERTICAL BRACE
   (2) Required
   MATERIAL: 1/2" STEEL

8. REAR PLATFORM (Top & Bottom)
   (1) Required of each.
   MATERIAL: 3/4" STEEL
   (8a) Round Top for Appearance
   (8b) Vertical Riser - PLOW ASSEMBLY

9. TOP PLATE - PLOW ASSEMBLY
   (1) Required
   MATERIAL: 3/4" STEEL

10. HORIZONTAL SUPPORT - PLOW ASSEMBLY
    (2) Required
    MATERIAL: 1/2" STEEL

11. SHOE - PLOW ASSEMBLY
    (1) Required
    MATERIAL: 1/2" STEEL

12. Drill as necessary
    to mount Plow Point

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PARTS FABRICATION
Weld both ears SOLID.

TOP LINK ATTACHMENT ASSY

Weld Items 5 to 4

Temporarily bolt Item 8a and 8b together.

REAR PLATFORM ASSEMBLY

Center REAR PLATFORM ASSEMBLY on DRAWBAR ASSEMBLY and WELD SOLID.

ASSEMBLE ITEMS 1 AND 2 Produces DRAWBAR ASSEMBLY.

Weld solid all three joining surfaces. Both Ends.

Attach TOP LINK ATTACHMENT ASSY to Item 3 using (2) 1/2 x 2" bolts

WELD SOLID

INSTALL TWO SETS OF BRACES, ITEMS 6 AND 7 - WELD SOLID

Design by: Kenneth F. Crisman

UPPER UNIT ASSEMBLY

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ASSEMBLE (3) HORIZONTAL SUPPORT, ITEM 11 (ONE EACH SIDE) TO VERTICAL RISER ASSEMBLY USING (2) 1/2" x 3" GRADE 8 BOLTS.

Design by:
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LOWER UNIT ASSEMBLY