



MANUFACTURING, INC.

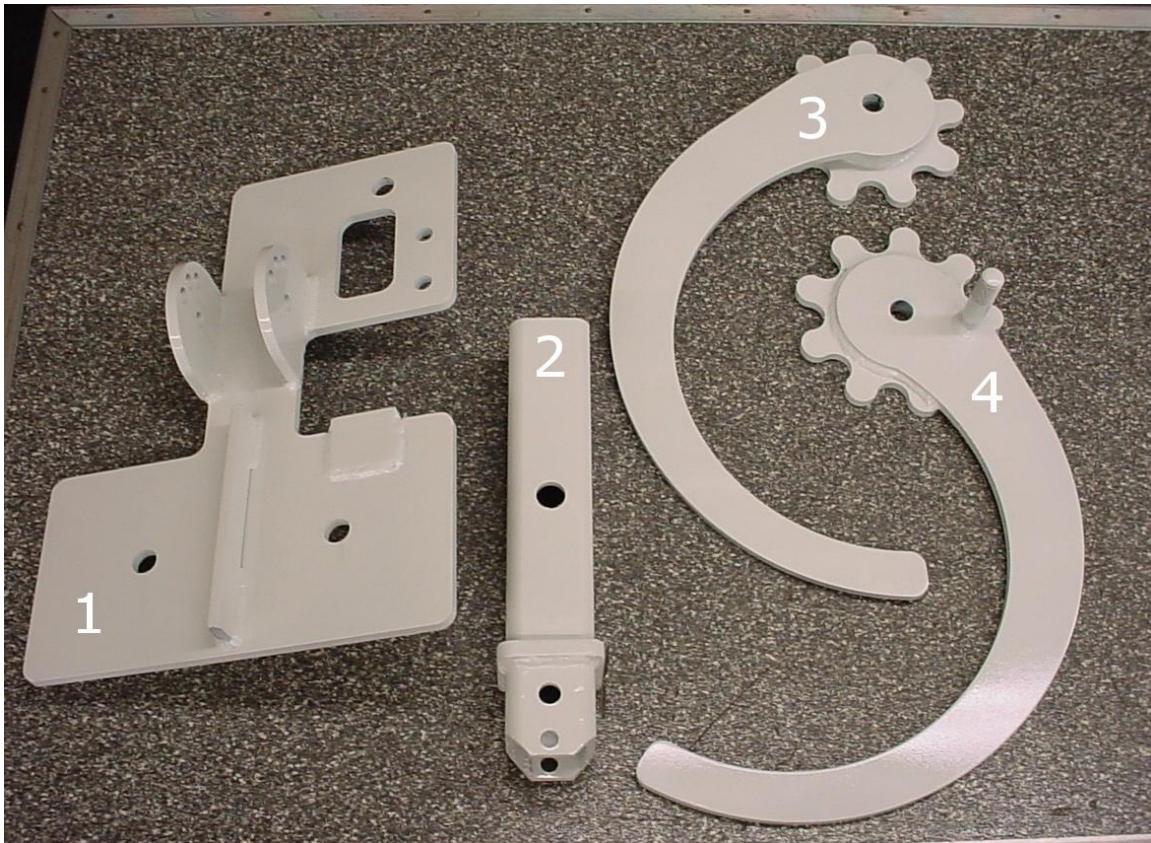
Part Manual

4100 Pole

Guide

S.D.P. Manufacturing, Inc. is continually attempting to make product improvements. S.D.P. Manufacturing, Inc. reserves the right to make changes or additions to any product without incurring any obligation whatsoever to make such changes or additions to product previously sold. This manual is subject to change without notice!

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PART NUMBERS		DESCRIPTION
1.	111306-1537	Back Mounting Plate
2.	111306-1538	Slide-In Mounting Tube
3.	092106-1256	Arm (non-cylinder side) w/Sprocket
4.	092106-1251	Arm (cylinder side) w/Horn and Sprocket



	PART NUMBERS	DESCRIPTION
a.	090605 - 1045	1/2 - 13 x 4 Bolt
b.	032305 - 1155	3/4 - 10 x 5 Bolt
c.	070505 - 0323	3/4 - 10 x 2 3/4 Bolt
d.	070505 - 0321	3/4 - 10 x 3 1/2 Bolt
e.	032305 - 0142	1/2 - 13 Lock Nut
f.	032305 - 0146	3/4 - 10 Lock Nut
g.	090805 - 0839	3/4 Brass Flat Washer
h.	032305 - 1156	3/4 Flat Washer
i.	052605 - 1235	3/8 Flush Face Nose
j.	052605 - 1233	3/8 Flush Face Coupler
k.	050305 - 0151	3/8 jic x 3/8 npt Bulkhead Fitting
l.	091305 - 0155	3/8 Bulkhead Locknut
m.	042505 - 0921	1/2 x 4 Hitch Pin
n.	042505 - 0925	3/4 x 4 Hitch Pin

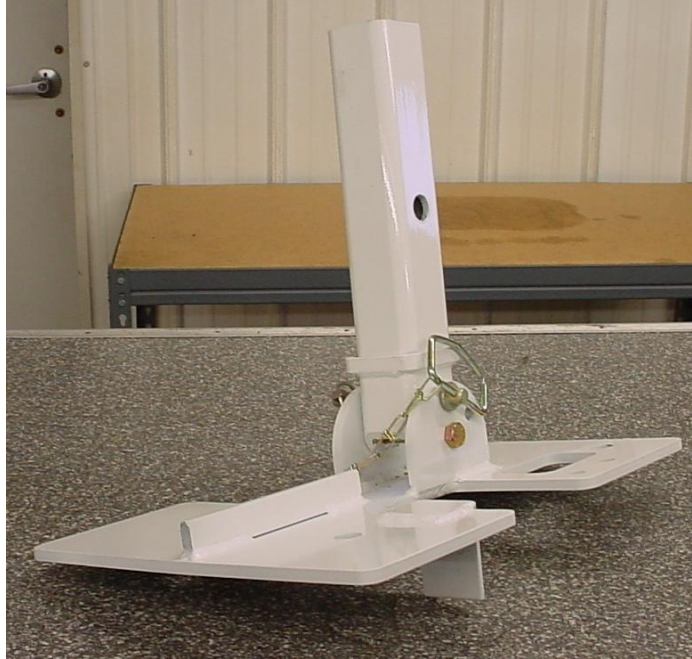


	PART NUMBERS	DESCRIPTION
a.	110907 - 1500	Hydraulic Hose 12 3/4" Long
b.	110907 - 1455	Hydraulic Hose 18 1/4" Long
c.	081805 - 1022	3/8 m jic x #4 sae Connector
d.	050305 - 0916	Hydraulic Cylinder

Assembly instructions:

Step 1.

Attach Slide-In Mounting Plate to Back Mounting Plate using $\frac{1}{2}$ - 13 x 4 Bolt and $\frac{1}{2}$ Lock Nut. Insert $\frac{1}{2}$ x 4 Hitch Pin to aid with stability.



Step 2.

Turn the assembly around and place upright. Place one $\frac{3}{4}$ Flat Washer on $\frac{3}{4}$ - 10 x 2 $\frac{3}{4}$ Bolt and $\frac{3}{4}$ - 10 x 3 $\frac{1}{2}$ Bolt. Slide both into position and add the $\frac{3}{4}$ Brass Flat Washers. With the assembly facing toward you add the Cylinder Side Arm to the right side and the Non-Cylinder Side Arm to the left. Place the remaining two $\frac{3}{4}$ Flat Washers into place and add the $\frac{3}{4}$ -10 Lock Nuts. Tighten the $\frac{3}{4}$ -10 Lock Nuts until you can barely move the arms back and forth.



Step 3.

Remove the plugs from the Hydraulic Cylinder and insert the 3/8 m jic x #4 sae Connectors. On the Back Mounting Plate insert the 3/4 - 10 x 5" Bolt. Lining the Hydraulic Cylinder up with the 3/4 - 10 x 5" Bolt and the stud on the Cylinder side Arms place the cylinder on with the Connectors down (make sure that the big part of the cylinder is on the 5" Bolt).



Step 4.

Combine Bulkhead Fittings with the Flush Face Nose and Flush Face Coupler, (make sure you use some kind of thread sealant). Insert the Bulkhead fittings into the Back Mounting Plate, tighten with the Bulkhead Nuts. Attach hydraulic hoses to the bulkhead fittings and to the Hydraulic Cylinder, (the small hose attaches to the top fitting on the Mounting plate and the Hydraulic Cylinder).

