

Owner Operation and Maintenance Manual

WITH
PARTS
LIST

BOLENS

PLOW

MODEL 18219-01

ASSEMBLY

Bolt the standard to the plow bottom assembly. Position the split end of draw bar over standard and secure with capscrew and lock nut. **IMPORTANT:** The draw bar must not bind on standard as this is a pivot point for depth adjustment.

Insert stud of crank nut through hole in bracket on center of draw bar and stud of crank bearing through top hole in standard. Secure with cotter pins.

Attach hitch to draw bar with capscrews, utilizing the center hole of each series of holes in hitch. The series of holes are at different levels so the hitch will be at an angle which allows the plow to operate level when the right tractor wheels ride in the furrow of the proceeding pass.

Mount the coulter assembly below the draw bar directly in front of the upright bracket. Normally, the coulter blade should be $\frac{3}{8}$ to $\frac{1}{2}$ inch to the left of the landside and clear the plow point by approximately 1 inch. In general, for loose or moist soil the coulter blade should be slightly ahead of the plow point and in hard soil slightly behind the point. The stop collar is to prevent the coulter from swinging when the plow is out of the ground. Center pin in set collar between arms of coulter standard and tighten set screw.

Align holes in front ends of hitch with the holes in mounting brackets on tractor rear axle housing and secure with clevis pins and spring cotters. Position the slotted hole in lift link over stud of hitch arm, add flat washer and secure with spring cotter. Attach front end of lift link to stud on bottom of tractor lift lever.

OPERATION

The depth of plowing is regulated by changing the position of plow point with the depth screw. For deep plowing lower the plow point and for shallow plowing raise the plow point.

The width of cut can be varied depending on soil conditions by moving the draw bar on the hitch. To decrease width of cut, move draw bar to the right and to increase width of cut, move draw bar to the left.

The plow can be raised or lowered during operation with the tractor lift lever. For transport, raise plow to the highest position.

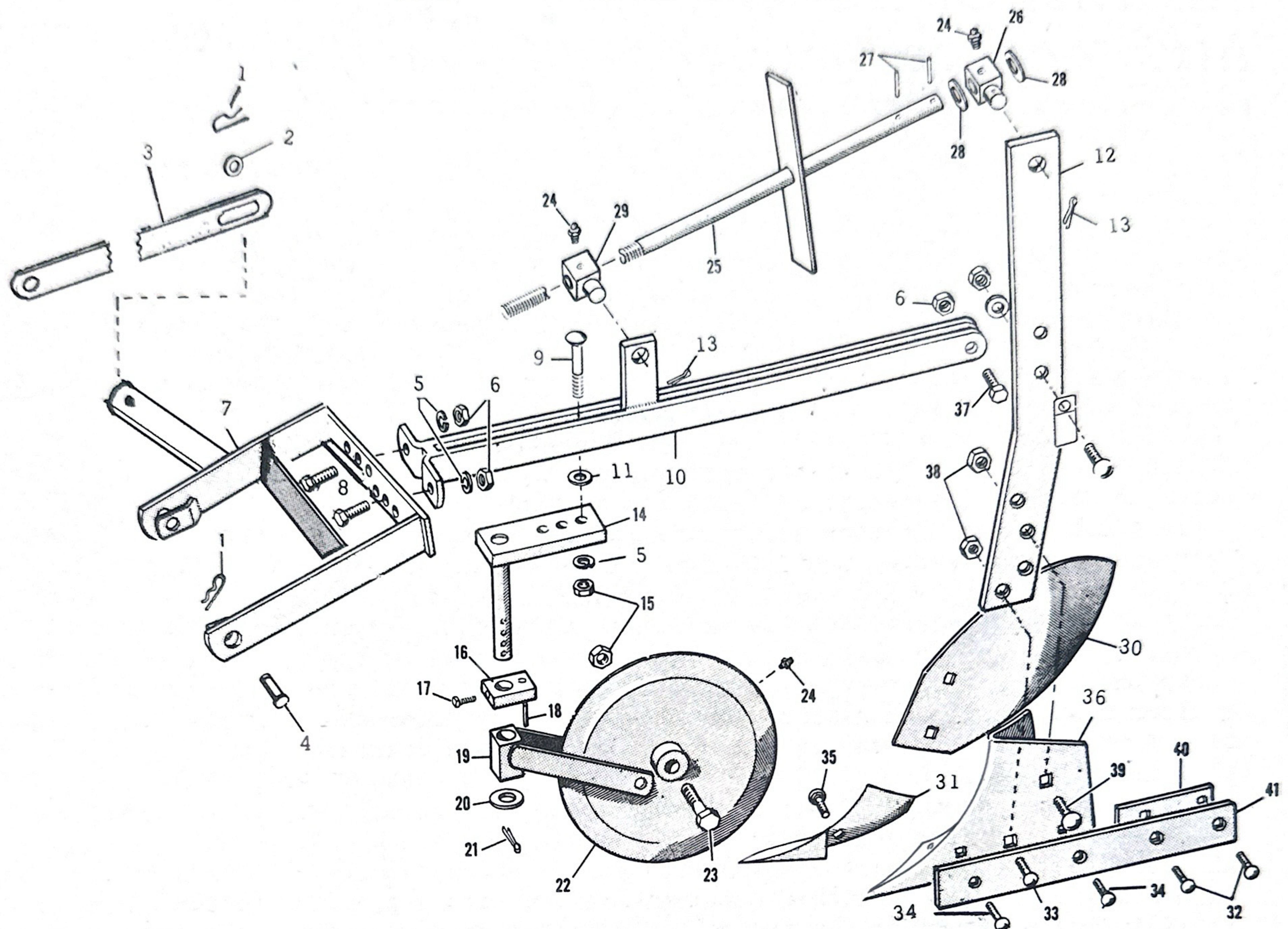
Remove the rust preventative coating from landside and moldboard before using the plow. Keep landside, moldboard, point, and coulter free from rust to prevent scouring. Coat these parts with grease before storing. Lubricate grease fittings on coulter, crank nut, and crank bearing periodically with pressure gun grease.

BOLENS DIVISION

Port Washington - Wisconsin



PLOW - - - MODEL 18219-01



Ref. No.	Part No.	Description	No. Req'd	Ref. No.	Part No.	Description	No. Req'd
1	1703011	Spring Cotter	3	22	990610	Coulter Blade	1
2	1107383	Flat Washer 3/8	1	23	129627	Spindle	1
3	1713506	Lift Link	1	24	1104954	Grease Fitting	3
4	1709622	Clevis Pin	2	25	1710007	Depth Adjusting Screw	1
5	1103974	Lock Washer 1/2	3	26	1703798	Crank Bearing	1
6	1110110	Lock Nut 1/2-13	3	27	1185232	Drive Pin	2
7	1714127	Hitch	1	28	309898	Washer	2
8	1106989	Capscrew 1/2-13 x 1 1/2	2	29	1703799	Crank Nut	1
9	1102866	Carr.Bolt 1/2-13 x 3	1	30	1703817	Moldboard	1
10	1710010	Draw Bar	1	31	1703819	Plow Point	1
11	1107374	Flat Washer 3/4	1	32	1113690	Plow Bolt 3/8-16 x 1	4
12	1714123	Plow Standard	1	33	1113706	Plow Bolt 1/2-13 x 1 1/4	1
13	1104213	Cotter Pin 1/8 x 1 1/4	2	34	1113691	Plow Bolt 3/8-16 x 1 1/4	2
14	1703810	Standard	1	35	1110798	Plow Bolt 7/16-14 x 1	1
15	1103831	Hex Nut 1/2-13	2	36	1703816	Plow Frog	1
16	310857	Stop Collar	1	37	1107032	Capscrew 1/2-13 x 1 3/4	1
17	1103532	Set Screw 7/16-14x3/4	1	38	1103831	Hex Nut 1/2-13	2
18	1703822	Pin	1	39	1102859	Carr.Bolt 1/2-13 x 1 1/4	1
19	1703809	Fork	1	40	1703818	Plow Heel	1
20	1107372	Flat Washer 3/4	1	41	1703815	Plow Landside	1
21	1104221	Cotter Pin 3/16 x 1 1/4	1				