



**Two Stage Snow  
Thrower Attachment  
46 Inch**

**With Adapter Kits**

**Snow Thrower  
Model 50146**

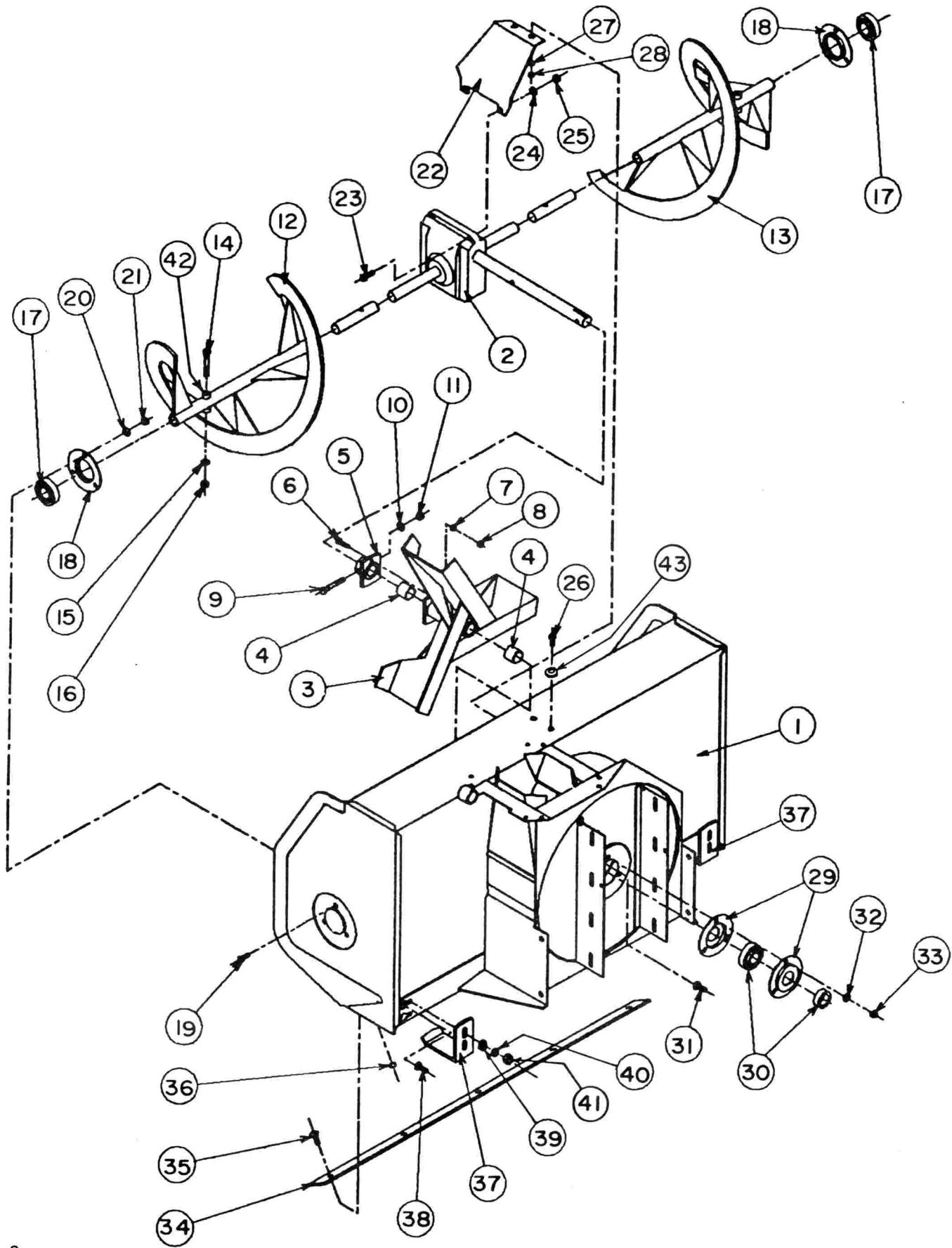
Serial Number 0200101  
thru 0299999

**Kit Models  
18346  
50962**

**Parts List**

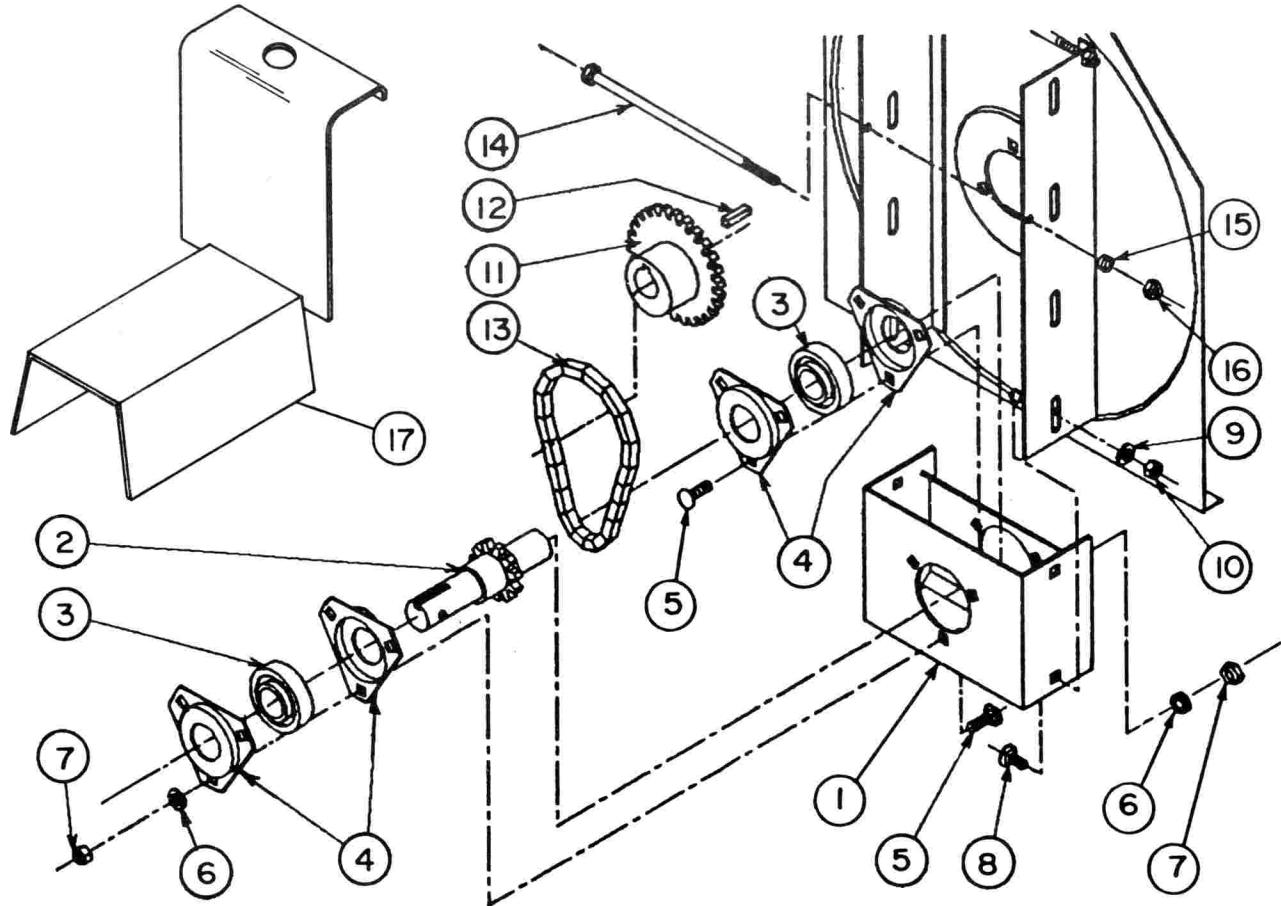
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## BOLENS 46 INCH SNOWTHROWER



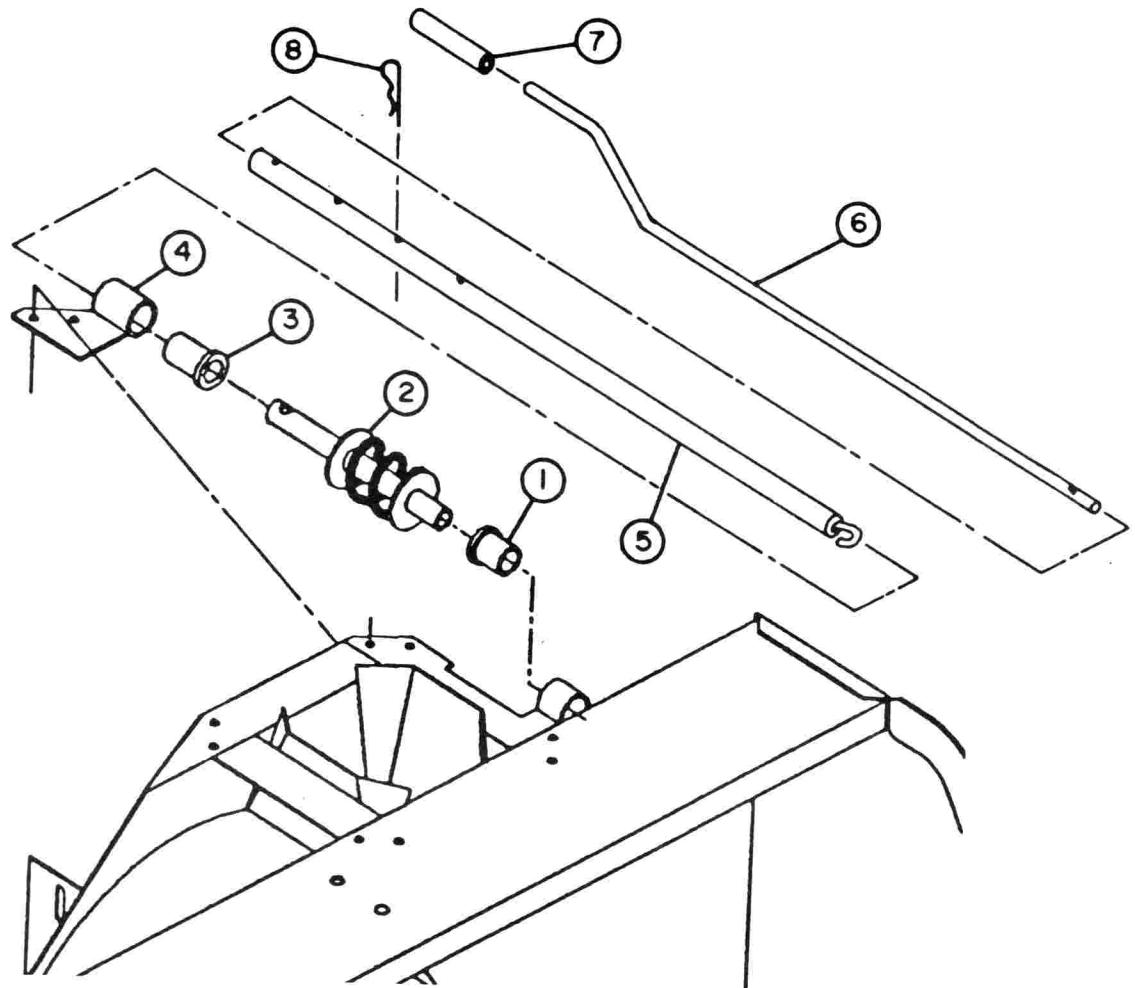
ITEM	PART NO.	DESCRIPTION	QTY
1	1825100	Frame.....	1
2	1825004	Worm Gear Assembly (Clockwise) .....	1
3	1825122	Fan Assembly .....	1
4	1825123	Bushing.....	2
5	1825007	Fan Adaptor Shear Plate .....	1
6	1825092	Bolt (1/4" NC x 1", Gr. 5, Shear) .....	1
7	O/L	Washer (1/4", Lock).....	1
8	O/L	Nut (1/4" NC, Hex) .....	1
9	O/L	Bolt (5/16" NC x 2", Gr. 5, Hex) .....	1
10	O/L	Washer (5/16", Lock) .....	1
11	O/L	Nut (5/16" NC, Hex) .....	1
12	1825125	Auger L.H. .....	1
13	1825127	Auger R.H. .....	1
14	1735625	Bolt (5/16" NC x 2-1/4", Shear) .....	2
15	O/L	Washer (5/16", Lock) .....	2
16	O/L	Nut (5/16" NC, Hex) .....	2
17	1825128	Bearing With Locking Screw.....	2
18	1825129	Bearing Flange .....	2
19	O/L	Bolt (5/16" NC x 3/4", Hex).....	6
20	O/L	Washer (5/16", Lock) .....	6
21	O/L	Nut (5/16" NC, Hex) .....	6
22	1825130	Worm Gear Support Bracket.....	1
23	O/L	Bolt (5/16" NC x 1-1/4", Hex) .....	2
24	O/L	Washer (5/16", Lock) .....	2
25	O/L	Nut (5/16" NC, Hex) .....	2
26	O/L	Bolt (5/16" NC x 3/4", Hex) .....	2
27	O/L	Washer (5/16", Lock) .....	2
28	O/L	Nut (5/16" NC, Hex) .....	2
29	1825008	Bearing Flange .....	2
30	1825009	Bearing With Locking Collar.....	1
31	O/L	Bolt (5/16" NC x 3/4", Carriage) .....	3
32	O/L	Washer (5/16", Lock) .....	3
33	O/L	Nut (5/16" NC, Hex) .....	3
34	1825132	Cutting Edge .....	1
35	O/L	Bolt (5/16" NC x 3/4", Carriage) .....	6
36	O/L	Nut (5/16" NC, Stover) .....	6
37	1825133	Skid Shoes .....	2
38	O/L	Bolt (5/16" NC x 1", Carriage) .....	4
39	O/L	Washer (3/8" Hole Dia., Flat) .....	4
40	O/L	Washer (5/16", Lock) .....	4
41	O/L	Nut (5/16" NC, Hex) .....	4
42	1825134	Shear Bolt Bushing .....	4
43	O/L	Washer (3/8" Hole Dia., Flat) .....	2

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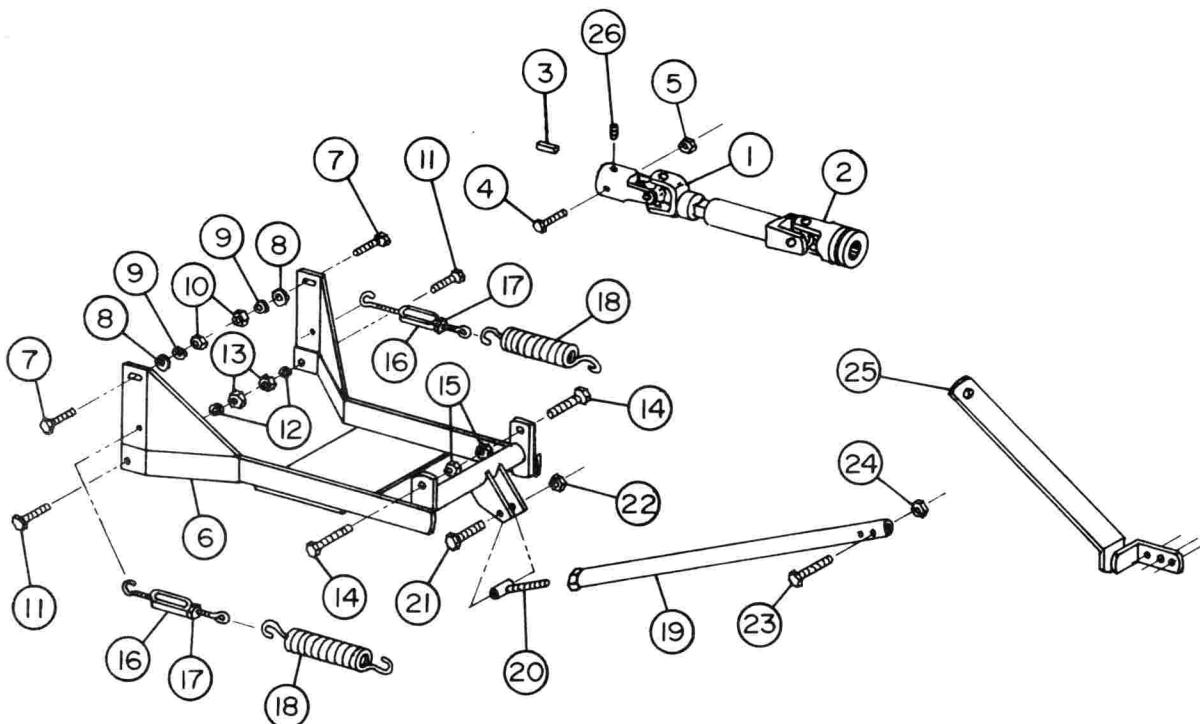
### REDUCTION BOX BOLENS 1400/1402/1600/1700/1800/1900/2000

ITEM	PART NO.	DESCRIPTION	QTY
1	1825155	Reduction Box .....	1
2	1825156	Driving Shaft With Sprocket .....	1
3	1825157	Bearing .....	2
4	1825154	Flange Bearing .....	4
5	O/L	Bolt (5/16" NC x 5/8", Carriage) .....	6
6	O/L	Washer (5/16", Lock) .....	6
7	O/L	Nut (5/16" NC, Hex) .....	6
8	O/L	Bolt (5/16" NC x 3/4", Carriage) .....	4
9	O/L	Washer (5/16", Lock) .....	4
10	O/L	Nut (5/16" NC, Hex) .....	4
11	1825043	Sprocket .....	1
12	O/L	Key (1/4" x 1/4", x 1" Lg.) .....	1
13	1825044	Chain #40 x 33 Links .....	1
	1825045	Connecting Link #40 .....	1
14	O/L	Bolt (1/4" NC x 7-1/2", Hex) .....	2
15	O/L	Washer (1/4", Lock) .....	2
16	O/L	Nut (1/4" NC, Hex) .....	2
17	1825160	PTO Protector (50962) .....	1
	1825159	PTO Protector (18346) .....	1



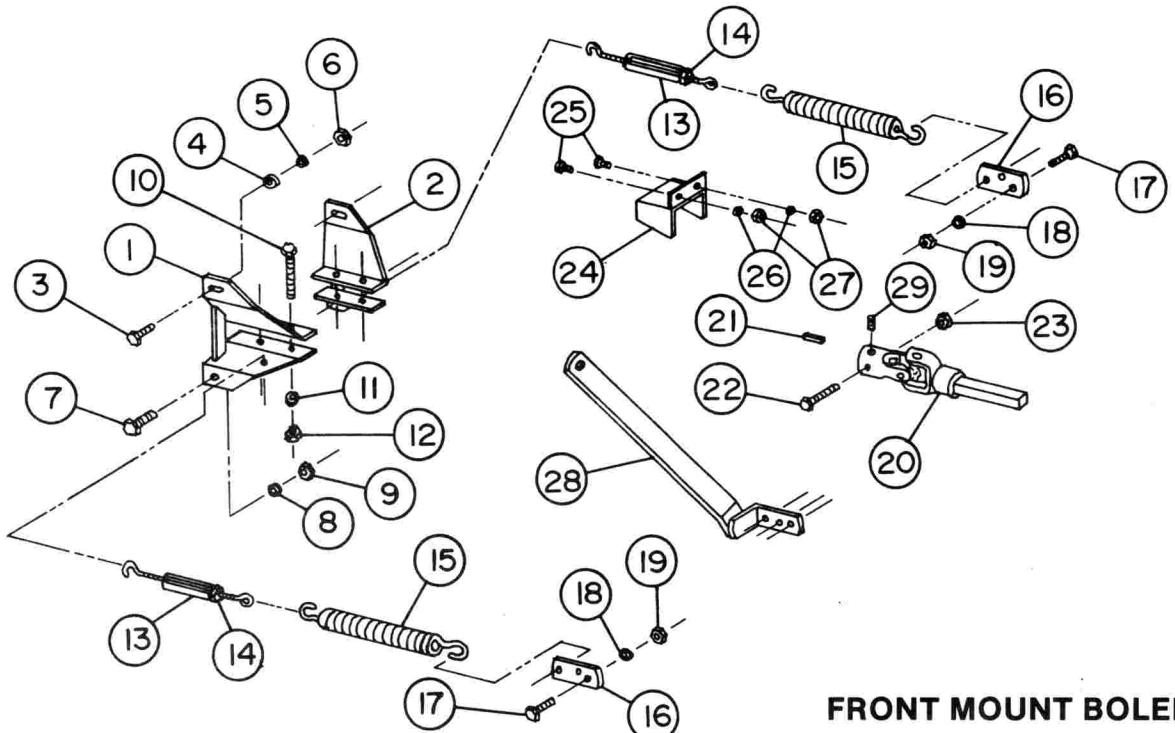
ITEM	PART NO.	DESCRIPTION	QTY
1	1825143	Plastic Bushing .....	1
2	1825144	Rotation Worm (Clockwise) .....	1
3	1825145	Plastic Bushing .....	1
4	1825146	Support Rotation Worm .....	1
5	1825036	Upper Rotation Tube.....	1
6	1825037	Handle .....	1
7	1723559	Rubber Handle .....	1
8	O/L	Pin (3/16" x 3-3/4" Lg., Hair) .....	1

## BOLENS 46 INCH SNOWTHROWER



## FRONT MOUNT BOLENS 1400/1402/1600

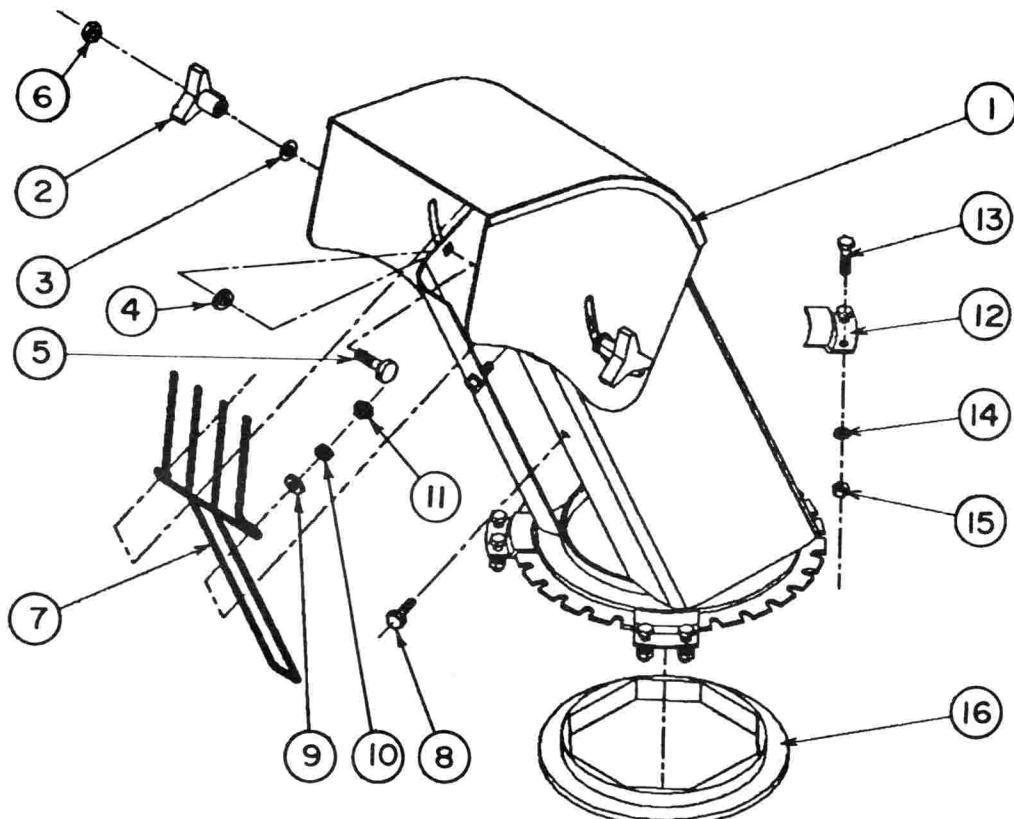
ITEM	PART NO.	DESCRIPTION	QTY
1	1825108	PTO Drive Shaft (Male) .....	1
2	1730215	PTO Drive Shaft (Female) .....	1
3	O/L	Key (1/4" x 1/4" x 1-1/4") .....	1
4	O/L	Bolt (1/4" NC x 2", Hex).....	1
5	O/L	Nut (1/4" NC, Nylon Lock) .....	1
6	1825050	Support Frame .....	1
7	O/L	Bolt 3/8" NC x 1", Hex) .....	2
8	O/L	Washer (7/16" Hole Dia. Flat).....	2
9	O/L	Washer (3/8", Lock).....	2
10	O/L	Nut (3/8" NC, Hex) .....	2
11	O/L	Bolt (1/2" NC x 1-1/4", Hex) .....	2
12	O/L	Washer (1/2", Lock).....	2
13	O/L	Nut (1/2" NC, Hex) .....	2
14	O/L	Bolt (5/8" NC x 2", Hex).....	2
15	O/L	Nut (5/8" NC, Nylon Lock) .....	2
16	1825049	Turnbuckle.....	2
17	O/L	Nut (1/4" NC, Hex) .....	2
18	1825048	Spring .....	2
19	1735407	Lifting Arm .....	1
20	1729947	Adjustable Lifting Connector .....	1
21	O/L	Bolt (1/2" NC x 2-1/4", Hex) .....	1
22	O/L	Nut (1/2" NC, Nylon Lock) .....	1
23	O/L	Bolt (1/2" NC x 3", Hex).....	1
24	O/L	Nut (1/2" NC, Nylon Lock) .....	1
25	1825038	Handle Support.....	1
26	O/L	Set Screw (3/8" NC x 3/8", Allen) .....	1



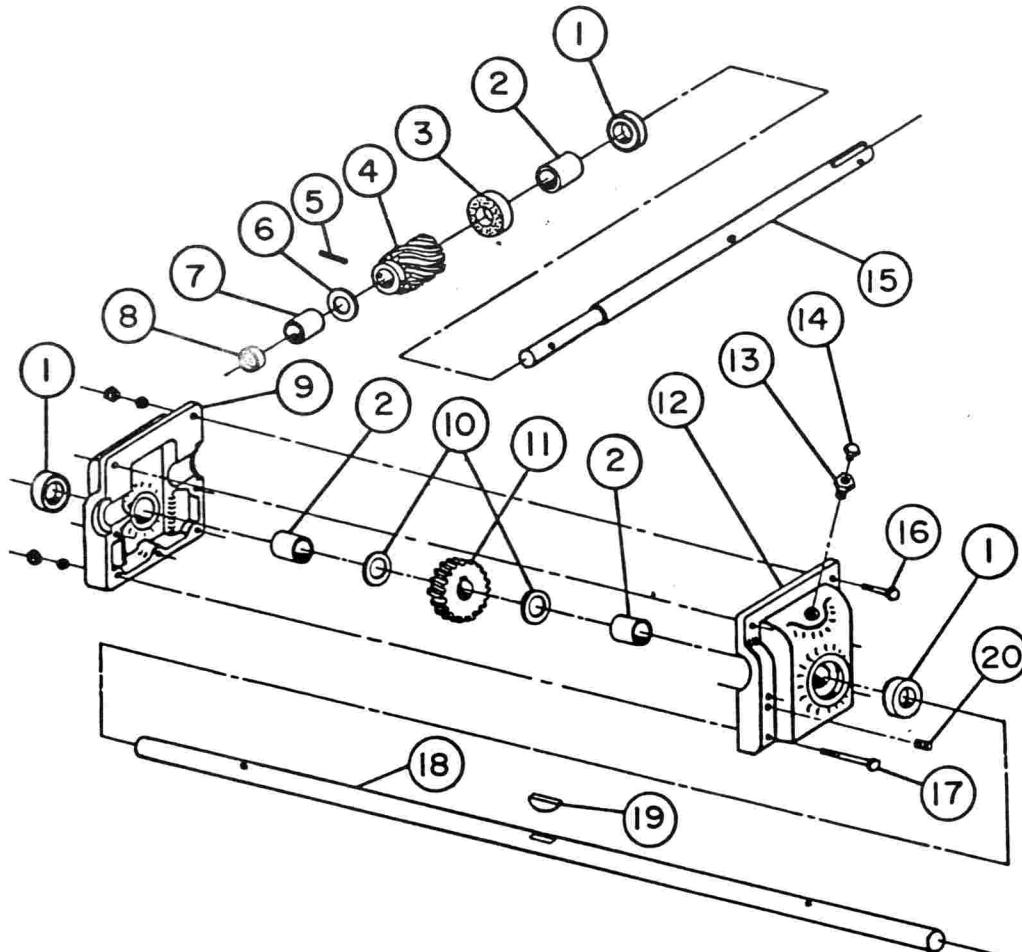
**FRONT MOUNT BOLENS**  
1700/1800/1900/2000

ITEM	PART NO.	DESCRIPTION	QTY
1	1825112	Support Bracket L.H.....	1
2	1825113	Support Bracket R.H. ....	1
3	O/L	Bolt (3/8" NC x 1", Hex) .....	2
4	O/L	Washer (7/16" Hole Dia., Flat) .....	2
5	O/L	Washer (3/8", Lock) .....	2
6	O/L	Nut (3/8" NC, Hex) .....	2
7	O/L	Bolt (1/2" NC x 1", Hex) .....	2
8	O/L	Washer (1/2", Lock) .....	2
9	O/L	Nut (1/2" NC, Hex) .....	2
10	O/L	Bolt (1/2" NC x 2-1/2", Hex) .....	4
11	O/L	Washer (1/2", Lock) .....	4
12	O/L	Nut (1/2" NC, Hex) .....	4
13	1825049	Turnbuckle.....	2
14	O/L	Nut (1/4" NC, Hex) .....	2
15	1825111	Spring .....	2
16	1825054	Spring Support Bracket .....	2
17	O/L	Bolt (3/8" NC x 1", Hex) .....	2
18	O/L	Washer (3/8", Lock) .....	2
19	O/L	Nut (3/8" NC, Hex) .....	2
20	1825110	PTO Drive Shaft (Male) .....	1
21	O/L	Key (1/4" x 1/4" x 1-1/4") .....	1
22	O/L	Bolt (1/4" NC x 2", Hex) .....	1
23	O/L	Nut (1/4" NC, Nylon Lock) .....	1
24	1825116	PTO Guard of Tractor .....	1
25	O/L	Bolt (5/16" NC x 3/4", Hex) .....	2
26	O/L	Washer (5/16", Lock) .....	2
27	O/L	Nut (5/16" NC, Hex) .....	2
28	1825038	Handle Support Bracket .....	1
29	O/L	Set Screw (3/8" NC x 3/8", Allen) .....	1

## BOLENS 46 INCH SNOWTHROWER



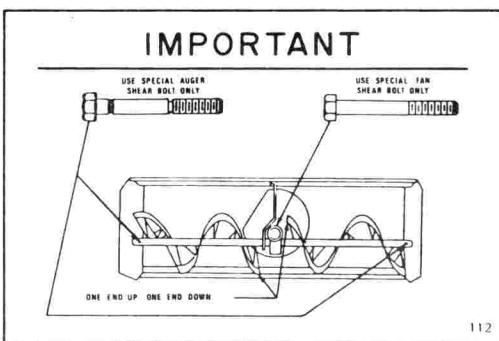
ITEM	PART NO.	DESCRIPTION	QTY
1	1825137	Base and Deflector Assembly.....	1
2	1825138	Knob .....	2
3	O/L	Washer (3/8" Hole Dia., Flat) .....	2
4	O/L	Washer (7/16" Hole Dia., Flat) .....	2
5	O/L	Bolt (5/16" NC x 1-1/2" Lg., Carriage) .....	2
6	O/L	Nut (5/16" NC, Nylon Lock) .....	2
7	1825139	Hand Guard .....	1
8	O/L	Bolt (1/4" NC x 3/4" Lg., Hex) .....	2
9	O/L	Washer (5/16" Hole Dia., Flat) .....	2
10	O/L	Washer (1/4" NC, Lock) .....	2
11	O/L	Nut (1/4" NC, Hex) .....	2
12	1825140	Retaining Plate .....	4
13	O/L	Bolt (1/4" NC x 1/2" Lg., Hex) .....	6
	O/L	Bolt (1/4" NC x 3/4" Lg., Hex) .....	2
14	O/L	Washer (1/4", Lock).....	8
15	O/L	Nut (1/4" NC, Hex) .....	8
16	1825142	Nylon Ring .....	1



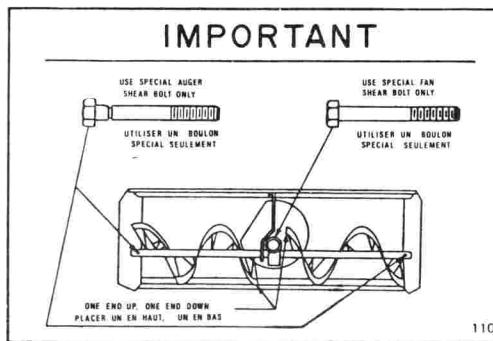
WORM GEAR (Clockwise)

ITEM	PART NO.	DESCRIPTION	QTY
1	1825011	Oil Seal CR 9818.....	3
2	1825012	Bushing 1" .....	3
3	1825013	Bearing .....	1
4	1825014	Worm R.H. Rotation.....	1
5	1825027	Pin 1/4" .....	1
6	1825015	Washer 1 3/8" Dia.....	1
7	1825016	Bushing 7/8" .....	1
8	1825017	Input Cap .....	1
9	1825021	Cover R.H. .....	1
10	1825023	Washer 1-1/2" Dia.....	2
11	1825022	Brass Gear #65 R.H. Rotation (Clockwise) .....	1
12	1825024	Cover L.H. .....	1
13	1825135	Coupling 3/8" .....	1
14	1825019	Breather 1/8" .....	1
15	1825018	Input Shaft .....	1
16	O/L	Hex. Bolt 5/16" NC x 1-1/4" Lg. Gr. 5 w/Lock and Nut .....	2
17	O/L	Hex. Bolt 5/16" NC x 2-1/2" Lg. Gr. 5 w/Lock and Nut .....	4
18	1825026	Output Shaft .....	1
19	1825025	Woodruff Key .....	1
20	1825136	Plug Level 1/8" NPT .....	1

## BOLENS 46 INCH SNOWTHROWER



1825165 - Located on Right Rear Corner of Collector Housing



1825167 - Located on Right Rear Corner of Collector Housing



Located on PTO Guard

1825161



Located on Chute

1825162



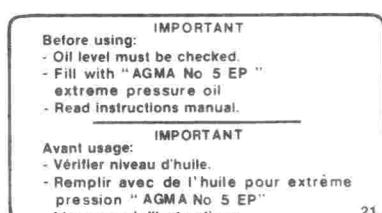
Located on Deflector Chute

1825164

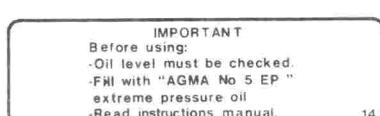


One Placed on Each Side Plate of Blower Housing

1825163



1825056 - Located on Right Rear Corner of Collector Housing



1825166 - Located on Right Rear Corner of Collector Housing

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**MODEL 50146**

