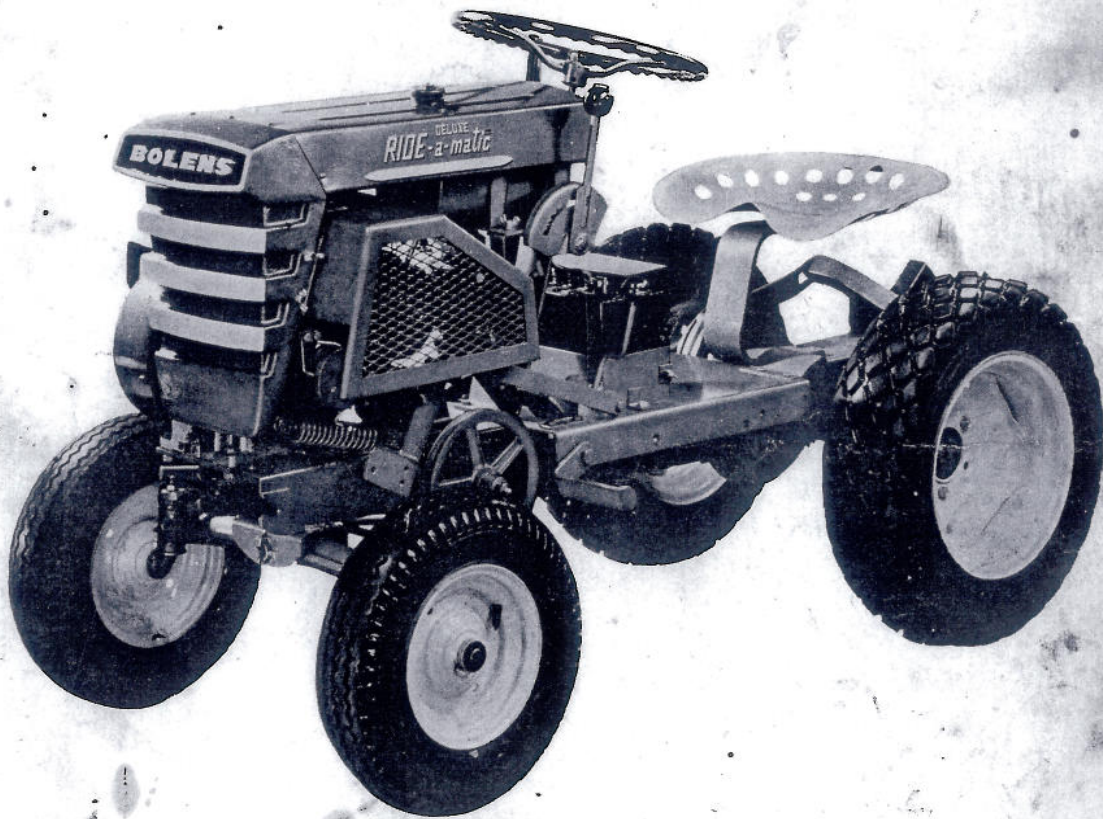


Owner Manual with Parts List

BOLENS

**RIDE-A-MATIC
TRACTOR
TYPE 230-01**



TRACTOR ILLUSTRATED
WITH TYPE 23838-01
ELECTRIC STARTER KIT



BOLENS PRODUCTS DIVISION

Food Machinery & Chemical Corporation
Port Washington Wisconsin

TO THE BOLENS OWNER

This Owners Manual has been especially prepared to bring to your attention all information needed to operate and maintain your tractor with maximum efficiency. Read these instructions carefully before assembling or operating the tractor. Through proper care and operation, as explained in this manual, you will obtain long, efficient service and trouble free operation from it.

Information regarding operation and maintenance of the engine is not included in this manual. A separate engine instruction manual is included with each tractor and should be consulted for all information concerning adjustments and operation.

REGISTER YOUR TYPE AND SERIAL NUMBER

Register your tractor type number, serial number and engine serial and type number in the space provided below and always refer to them when writing for information or ordering parts. Complete the registration card received with the tractor and return to the factory. A name plate showing type and serial number of the tractor is attached to the frame. The engine type and serial number is on the engine name plate.

TRACTOR TYPE NO.
TRACTOR SERIAL NO.
ENGINE TYPE NO.
ENGINE SERIAL NO.

SPECIFICATIONS

Engine	Kohler K161 7 HP with rope starter
Tires	Front, 4.00-8; rear, 6-12
Brakes	Foot operated
Tread	Rear 24-1/2 inches, front 25-1/2 inches
Wheel Base	41-1/2 inches
Height	37 inches
Width	30-1/2 inches (maximum)
Length	61-1/2 inches
Speeds	Forward - 1/2 to 6-3/4 m.p.h. Reverse - 1/2 to 2 m.p.h.
Steering	Automotive type
Turning	Radius 4-1/2 feet
Crop Clearance	9 inches
Weight	460 pounds
Fuel Tank	Six quart capacity
Attachment Lift	One lever for all front, center, and rear attachments requiring lift. Positive locking.
Front Hitch	Patented snap hitch
Rear Hitch	Low pull point
Center Hitch	Drilled frame for center mounted attachments
Reverse	Safety reverse
Drive	Three speed chain drive - steel spur gear reduction - automotive type differential axle

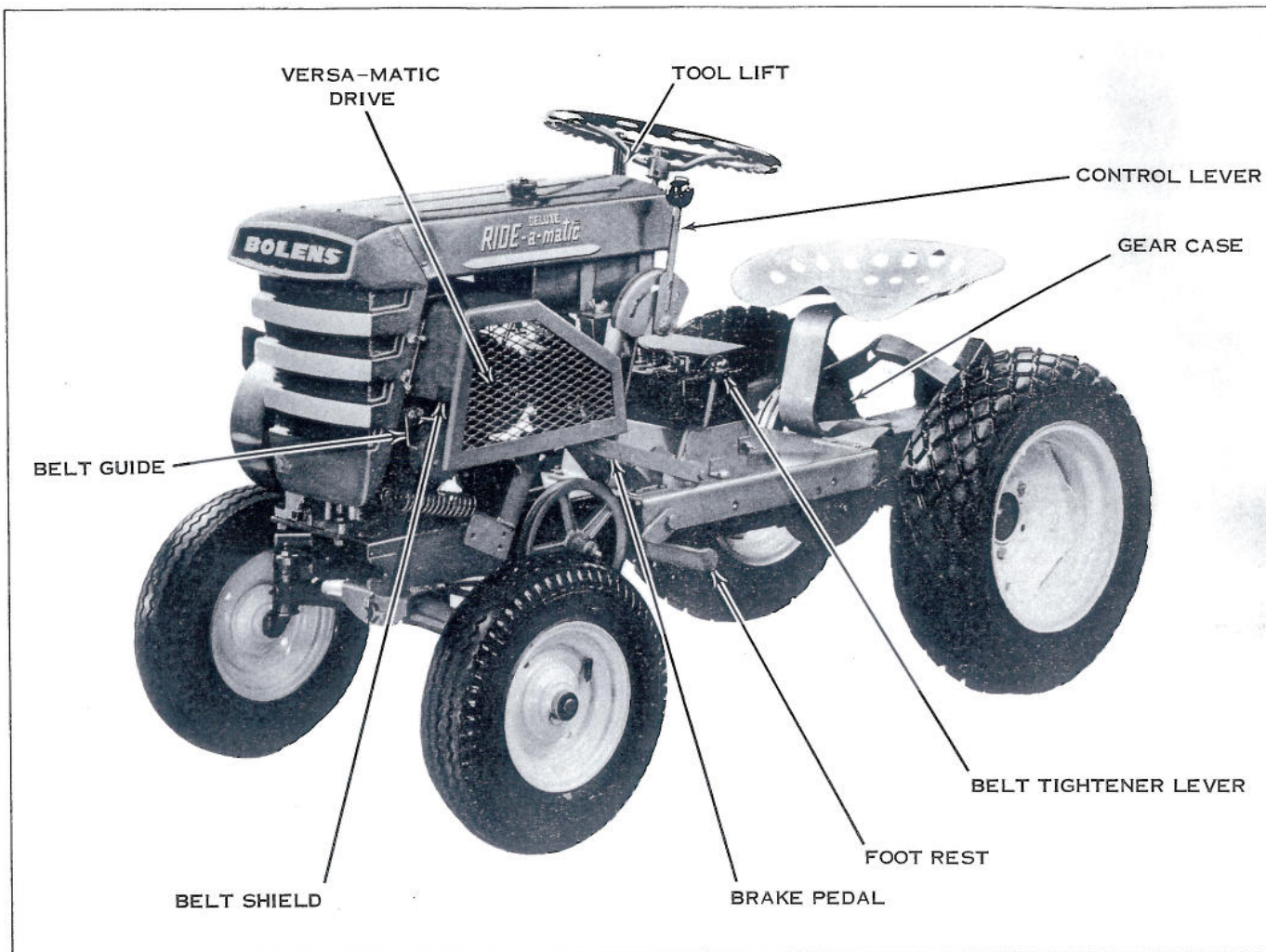


Figure 1

TRACTOR ASSEMBLY

The tractor is shipped completely assembled except for the wheels. Mount the rear wheels, dished out and secure with wheel bolts supplied. Mount front

wheels with grease fittings toward the outside and secure with flat washers and snap rings.

DESCRIPTION

The tractor is designed not only for an attractive appearance but is also carefully engineered in every detail to give the owner efficient, trouble free performance in the field or around the home. However, in order to maintain its standard of performance, this equipment requires a small but important amount of attention on your part.

Front attachments can be mounted quickly as the tractor is equipped with Bolens "Snap Hitch". Rear hitch for ground working attachments mounts easily to the tractor tool lift. A separate type 23130 hitch is available which bolts to the back plate of tractor frame for use with trailing attachments.

The rear tires are 6-12 traction type, mounted on 5 inch rims. Front tires are 4:00 - 8 ribbed type mounted on 4 inch rims.

Power is supplied by a four cycle, air cooled engine, rated at 7 H.P. with rope starter. An electric starter kit is available under Model 23838.

The drive operates through two special high strength cord belts, one from the engine sheave to Versa-matic sheave and the other from Versa-matic sheave to sheave on transmission shaft. Power is then transmitted by drive chain to rear reduction gears and to the axle through differential gears.

The final drive consists of a reduction gear train of precision hardened steel gears and a automotive type differential with forged bronze gears, all enclosed in a stamped steel case. This assembly is designed to give smooth, carefree performance under all conditions.

There are five operation controls, each located for the convenience of the operator. (1) The throttle

control located on right side of steering column. (2) Control lever for forward, neutral, and reverse at rear left of hood. (3) Tool lift lever for front, center, and rear mounted attachments on right side. (4) Belt tightener lever for attachment drive is located at the left bottom side of steering column. (5) Foot brake directly above left foot rest. Figure 2).

OPERATION

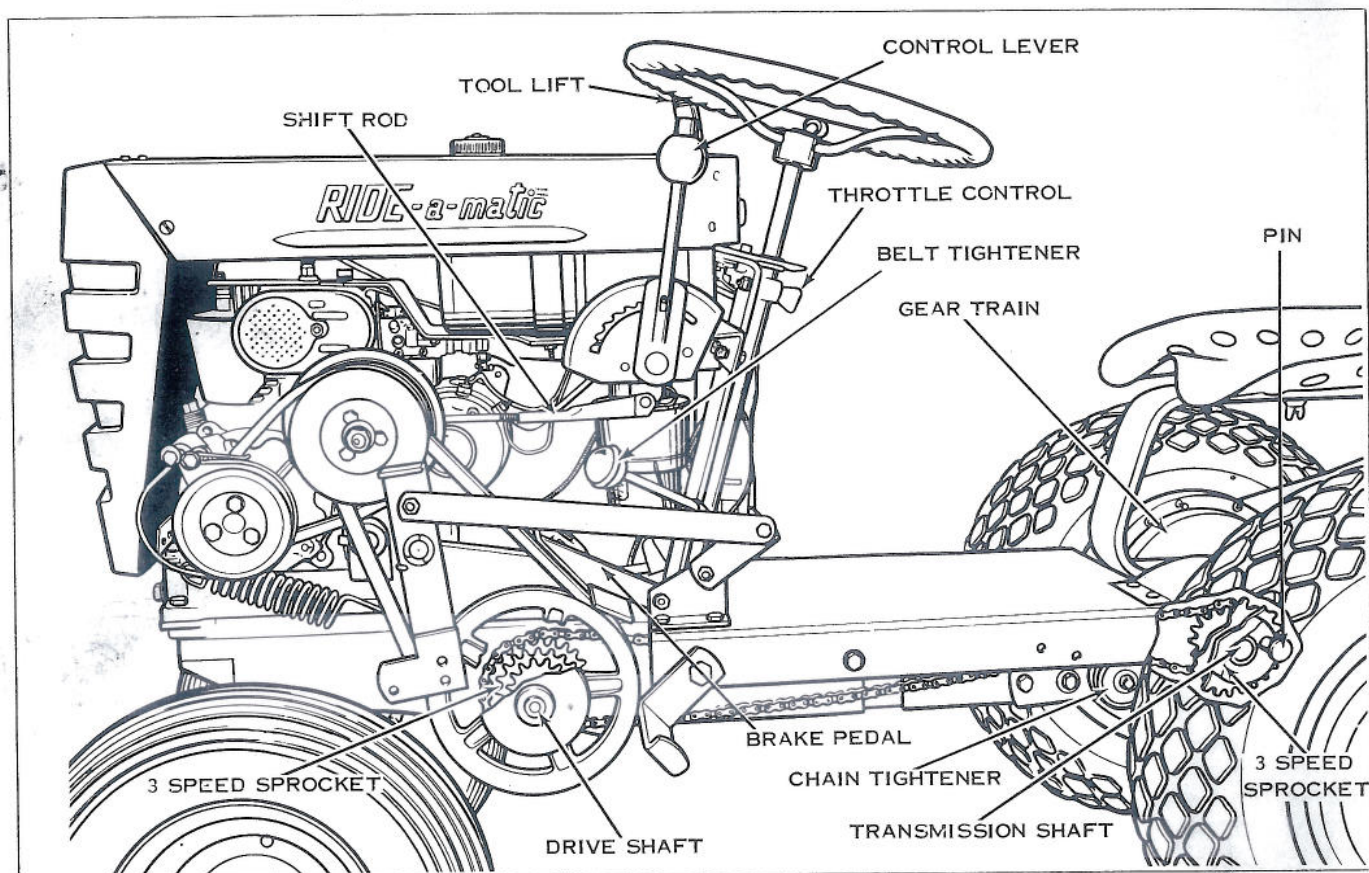


Figure 2

IMPORTANT: The engine is shipped from the factory **WITHOUT OIL**. Before starting the engine be sure to fill the crankcase and air cleaner to level indicated with lubricant specified in engine manual. Further instructions pertaining to care and operation are contained in engine manual; read these instructions carefully.

The Versa-matic drive instantly varies the forward ground speed of tractor. Moving the control lever forward from neutral, moves the Versa-matic speed sheave assembly backward, thus tightening the belt from engine sheave. The further the control lever is moved forward, the more the speed increases. This variation of speed is controlled by the construction of the Versa-matic sheave which is designed with a floating center section. As the Versa-matic speed

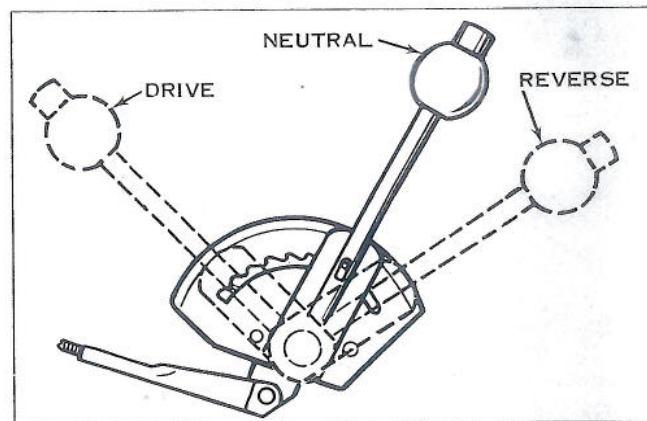


Figure 3

sheave moves backward, the engine belt is forced to run lower in the sheave, thus decreasing the diameter. At the same time the floating section is forced over, causing the other belt to ride higher in the sheave, increasing the diameter of this section (Figure 4).

To reverse tractor, push button on clutch lever and full lever backward. This brings the Versa-matic sheave in direct contact with the reverse disc on engine sheave. A safety feature incorporated in the reverse will permit the control lever to return to neutral as soon as the hand is removed.

Certain operating technique must be exercised in shifting so as not to abuse the mechanism and put unnecessary strain on the belts.

DO NOT FORCE CONTROL LEVER FORWARD WHEN ENGINE IS NOT RUNNING. NEVER SHIFT FROM FORWARD TO REVERSE UNTIL TRACTOR HAS COME TO A COMPLETE STOP.

When shifting in a forward direction the action should be a slow, steady movement of control lever to allow the belts to change their position in the Versa-matic sheave. This action is explained in a previous paragraph on construction of sheave. This same action applies when returning shift to neutral or shifting to reverse.

In order for the tractor to idle properly there must be a sufficient amount of belt slack in engine sheave when tractor is in neutral. This adjustment is made by changing the length of the shift rod by use of the clevis on rod. Proper setting can be checked as follows: WITH ENGINE NOT RUNNING, allow the control lever to go forward. The lever pin should go forward to within 1/16 to 1/8 inch of the first notch. Return control lever to neutral and see if drive belt is free from drag on engine sheave. If necessary, make adjustment on shift rod clevis until proper setting is obtained.

To replace belts, remove the belt guide. Hold control lever in extreme reverse position and slide the engine drive belt off Versa-matic sheave to the engine side. Release control lever and allow it to go forward which will release the tension on the belt from Versa-matic sheave to drive sheave. Both belts are now free and can be removed easily.

The tractor is designed to operate at three different ground speeds at full engine throttle. This is made possible by the multiple drive sprockets on left side of tractor frame (Figure 2). See following chart for speed settings.

The high setting is used when tractor is shipped from factory. Speed setting can easily be changed by releasing the chain tightener, moving chain to desired setting and retightening chain to proper tension.

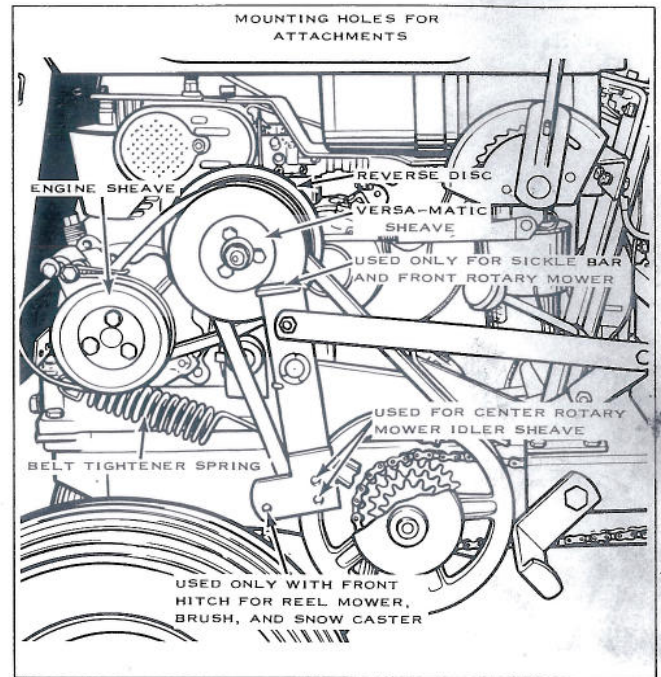


Figure 4

Be sure the chain is in corresponding sections of front and back sprockets when chain is moved.

The high speed setting should be used only for transport or light work as using this setting for heavy work will put excessive strain on belts and Versa-matic sheave assembly. The medium setting is recommended for average ground working, mowing, etc. The slow speed is primarily for use with tiller attachment and sno-caster attachment but it can be used whenever a very slow travel speed is desired with normal engine speed.

To move tractor manually, pull the pin located in hub of rear chain sprocket to the notch, thereby releasing the rear wheels from the drive train. When the pin in the tractor is in drive position it can be moved only under power (Figure 2).

Seat adjustment to best suit the comfort of operator can easily be made by use of the series of holes in seat support.

Continued on Back Cover

SPROCKET SECTION	FRONT SPROCKET	REAR SPROCKET	SPEED
Outer	13 Tooth	26 Tooth	Low - 3/4 to 2 m.p.h.
Center	20 Tooth	19 Tooth	Med - 1-1/2 to 4 m.p.h.
Inner	24 Tooth	15 Tooth	High - 2-3/4 to 6-3/4 m.p.h.

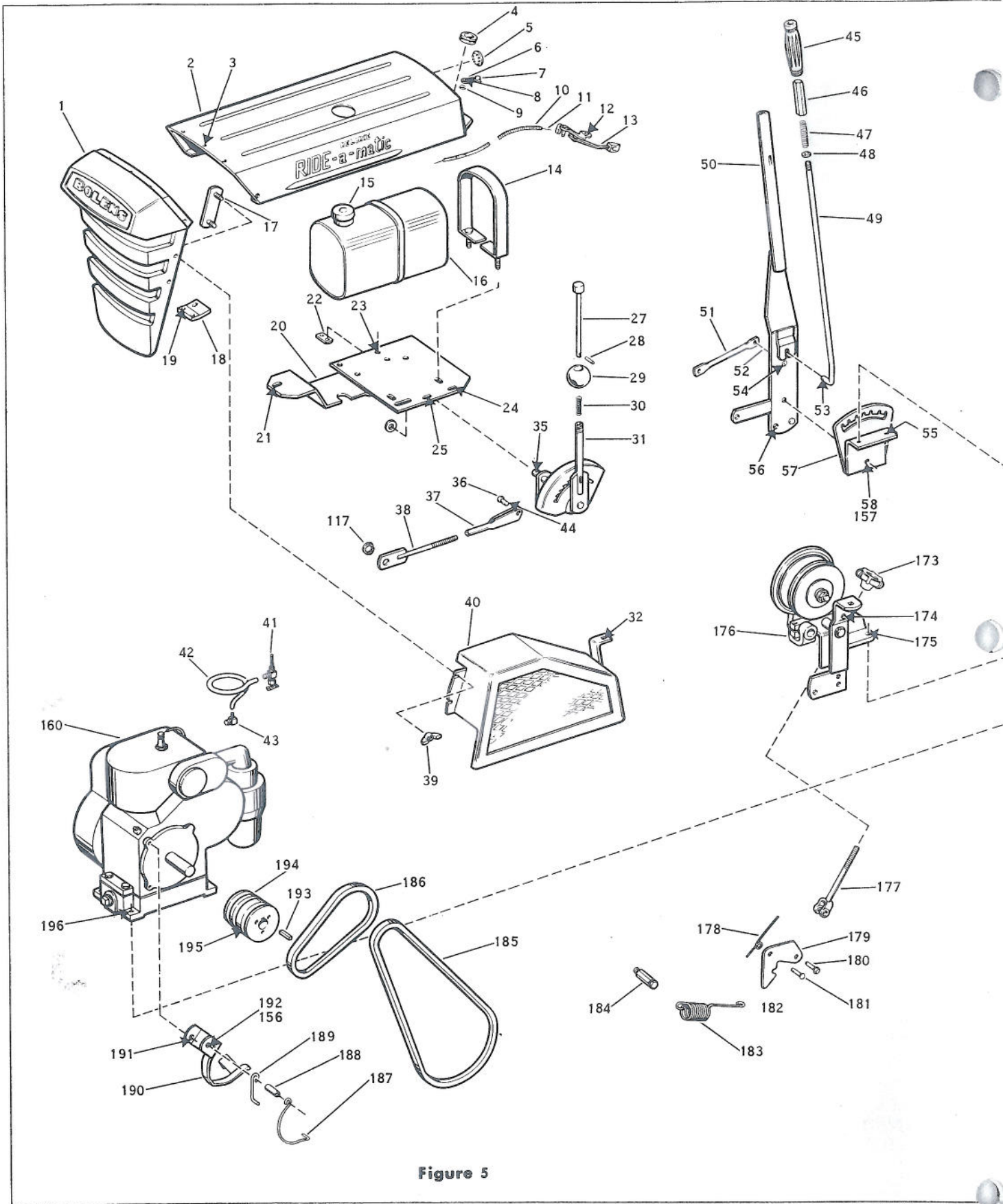
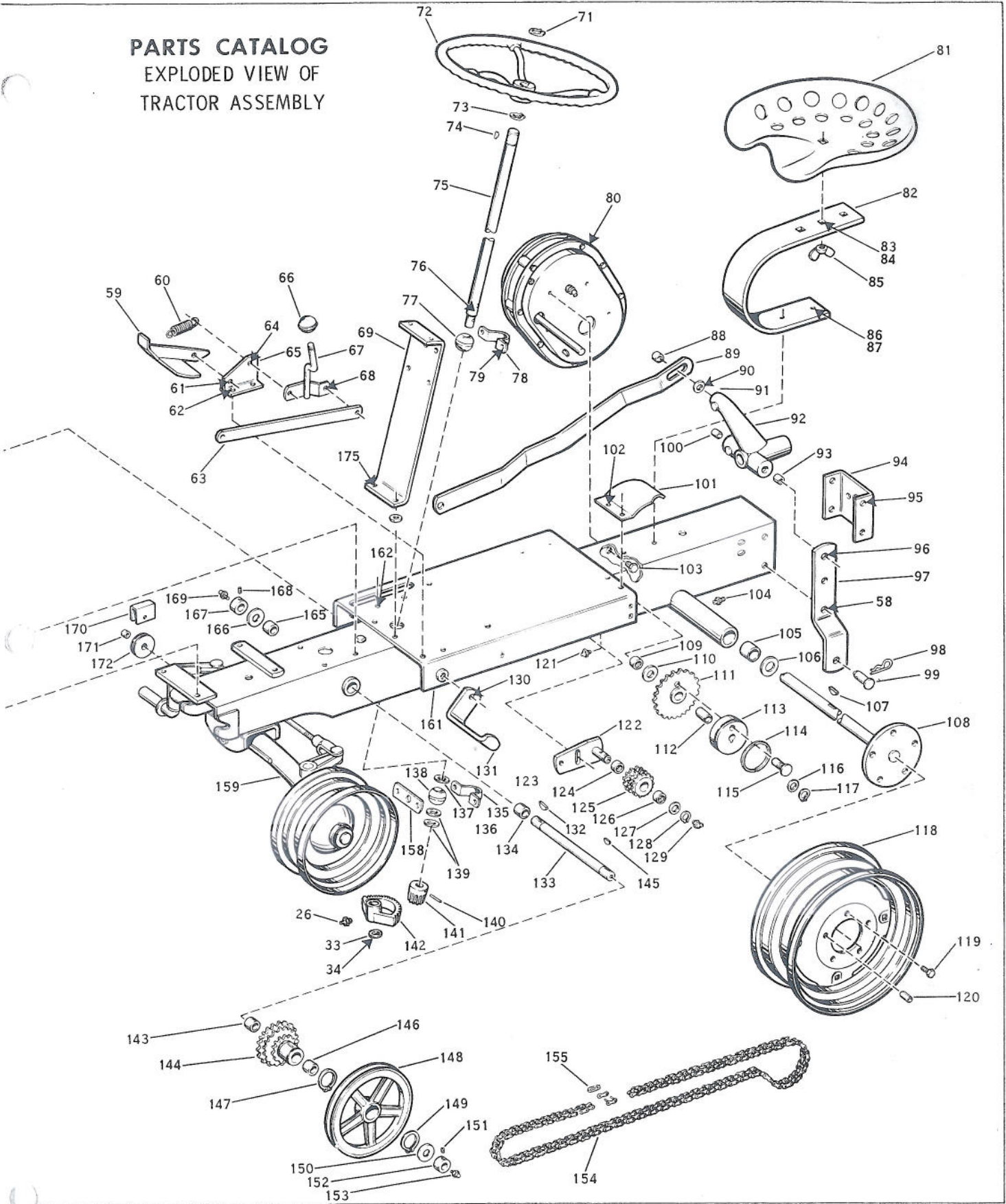


Figure 5

PARTS CATALOG
EXPLODED VIEW OF
TRACTOR ASSEMBLY



TRACTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Req'd.
1	1709586	Grille	1
2	1709642	Hood Assembly	1
3	1115810	Screw #10-24 x 1/2"	5
4	1709623	Rubber Grommet	1
5	1709135	Button Plug	1
6	1700213	Grounding Switch	1
7	1700420	Terminal	1
8	1106874	Rd Hd Machine Screw 8-32 x 3/4"	1
9	1700215	Shoulder Bushing	2
10	1705318	Control Housing	1
11	1705317	Control Wire	1
12	1115810	Screw #10-24 x 1/2"	2
13	1709673	Control Lever	1
14	1709553	Gasoline Tank Strap Assembly	2
15	1704393	Cap	1
16	1709624	Fuel Tank (Incl 15)	1
17	1709592	Clip	1
18	1709590	Grille Bracket	1
19	1106832	Hex Head Cap Screw 1/4-20 x 5/8"	2
20	1709550	Tank Support Assembly	1
21	1100242	Spring Lockwasher 5/16"	1
22	1709894	Clip	1
23	1106878	Hex Head Cap Screw 5/16-18 x 1"	2
24	1106834	Hex Head Cap Screw 1/4-20 x 3/4"	2
25	1100254	Flat Washer	2
26	1104954	Grease Fitting	1
27	1704994	Speed Control Plunger Assembly	1
28	1185256	Drive Pin	1
29	1703067	Control Knob	1
30	1703065	Spring	1
31	1709518	Control Lever Assembly	1
32	1102760	Carr. Bolt 1/4-20 x 3/4"	1
33	1107387	Flat Washer 3/4 x 1-1/2"	1
34	1100351	Cotter Pin 1/8 x 1-1/4"	1
35	1100350	Spring Cotter Pin	1
36	112586	Clevis Pin 5/16 x 1"	1
37	1710583	Control Rod Bracket	1
38	1710586	Control Rod Assembly	1
39	1709652	Locking Wing Nut 1/4-20	3
40	1709583	Belt Guard Assembly	1
41	1703896	Gasoline Tank Outlet	1
42	1708965	Fuel Line	1
43	1703897	Elbow	1
44	1100349	Spring Cotter Pin	1
45	1705300	Tool Lift Grip	1
46	1709573	Tool Lift Plunger	1
47	1700052	Latch Spring	1
48	1100242	Spring Lockwasher 5/16"	1
49	1709572	Plunger Rod	1
50	1709569	Lever and Plate Handle Assembly	1

Ref. No.	Part No.	Description	No. Req'd.
51	1709566	Link	1
52	1107382	Flat Washer	1
53	1100346	Spring Cotter Pin 3/32 x 3/4"	1
54	1100346	Spring Cotter Pin 3/32 x 3/4"	1
55	1106919	Hex Head Cap Screw 3/8-16 x 1"	2
56	1106985	Hex Head Cap Screw 1/2-13 x 1"	1
57	1708230	Quadrant Bracket Assembly	1
58	1106987	Hex Head Cap Screw 1/2-13 x 1-1/4"	6
59	1709532	Brake Assembly	1
60	1705944	Tension Return Spring	1
61	1106874	Hex Head Cap Screw 5/16-18 x 3/4"	2
62	1106873	Hex Head Cap Screw 5/16-18 x 1"	2
63	1709524	Control Link	1
64	1106886	Hex Head Cap Screw 5/16-18 x 1-3/3"	1
65	1709525	Bracket	1
66	1706756	Control Knob	1
67	1709528	Belt Control Lever Assembly	1
68	1106874	Hex Head Cap Screw 5/16-18 x 3/4"	1
69	1709625	Steering Support	1
70	1106874	Hex Head Cap Screw 5/16-18 x 3/4"	2
71	1113527	External Retainer Ring	1
72	1705222	Steering Wheel	1
73	1113527	External Retainer Ring	1
74	1100276	Woodruff Key 1/4 x 7/8"	1
75	1709627	Steering Wheel Shaft	1
76	1100351	Spring Cotter Pin	1
77	1708784	Self Aligning Bearing	1
78	1709628	Bearing Retainer	1
79	1106874	Hex Head Cap Screw 5/16-18 x 3/4"	4
80		Transmission, Refer to Figure 6	1
81	1700367	Seat	1
82	1705869	Seat Support	1
83	1102859	Carriage Bolt 1/2-13 x 1-1/4"	1
84	1100257	Flat Washer	1
85	1110026	Wing Nut 1/2-13	1
86	1106919	Hex Head Cap Screw 3/8-16 x 1"	2
87	1107383	Flat Washer	2
88	1709570	Tubular Spacer	1
89	1709574	Tool Lift Link	1
90	1106987	Hex Head Cap Screw 1/2-13 x 1-1/4"	1
91	1107382	Flat Washer	1
92	1709644	Control Pivot	1

TRACTOR ASSEMBLY (CONT)

Ref. No.	Part No.	Description	No. Req'd.
93	1709571	Tubular Spacer	1
94	1709615	Panel	1
95	1106987	Hex Head Cap Screw 1/2-13 x 1-1/4"	4
96	1106923	Hex Head Cap Screw 3/8-16 x 1-1/4"	2
97	1709616	Mounting Hitch	2
98	135035	Hairspring Cotter	2
99	1709622	Clevis Pin (Special)	2
100	1709571	Tubular Spacer	1
101	1709645	Chain Shield	1
102	1106830	Hex Head Cap Screw 1/4-20 x 1/2"	2
103	1703051	Gear Case Mounting Bolt	2
104	1104954	Grease Fitting	1
105	1185300	Bronze Bearing	2
106	1185429	Thrust Bearing	2
107	1709611	Woodruff Key 1/4 x 7/8"	1
108	1709588	Wheel Hub Axle Assembly	1
109	1185074	Needle Bearing	2
110	1107386	Flat Washer	1
111	1709497	Rear Sprocket Assembly	1
112	1185166	Bronze Bearing	2
113	1709494	Drive Collar	1
114	1709653	Lock Spring	1
115	1707518	Lock Pin	1
116	1705093	Flat Washer (Special)	As Req'd.
117	1118808	Retaining Ring	2
118	1700953	Wheel	2
119	101085	Hub Bolt	6
120	1703630	Drive Pin 7/16 x 1"	4
121	1104954	Grease Fitting	1
122	1709505	Idler Bracket Assembly	1
123	1106874	Cap Screw 5/16-18 x 3/4"	2
124	1185074	Needle Bearing	1
125	1709506	Idler Sprocket	1
126	1185074	Needle Bearing	2
127	1705093	Flat Washer	1
128	1118808	Retaining Ring	1
129	1110086	Grease Fitting	1
130	1106980	Cap Screw 1/2-13 x 3/4"	2
131	1708224	Foot Rest	2
132	1100275	Woodruff Key 5/32 x 5/8"	2
133	1709493	Transmission Shaft	1
134	1185010	Needle Bearing	1
135	1709628	Bearing Retainer	1
136	1106874	Cap Screw 5/16-18 x 3/4"	2
137	1700821	Flat Washer	1
138	1708784	Self Aligning Bearing	1
139	1700821	Flat Washer	2
140	1185220	Roll Pin	1
141	1705867	Steering Pinion	1
142	1706375	Steering Gear	1
143	1185010	Needle Bearing	1
144	1709490	Front Sprocket Assembly	1
145	1100275	Woodruff Key 5/32 x 5/8"	1
146	1185010	Needle Bearing	1

Ref. No.	Part No.	Description	No. Req'd.
147	1118819	Retainer Ring	1
148	1708016	Transmission Drive Sheave	1
149	1118819	Retainer Ring	1
150	1708012	Flat Washer	1
151	1182554	Set Screw	1
152	1706236	Set Collar	1
153	1104954	Grease Fitting	1
154	1708181	Drive Chain	1
155	1185013	Connector Link Assembly	1
156	1110106	Self Locking Nut 1/4-20	2
157	1110110	Self Locking Nut 1/2-13	1
158	1709626	Bearing Spacer	As Req'd.
159		Front Axle Assembly (Fig. 8)	1
160		Engine K161	1
161	1709620	Main Assembly Frame	1
162	1106919	Cap Screw 3/8-16 x 1"	2
163	1107382	Flat Washer	2
164	1106878	Cap Screw 5/16-18 x 1"	2
165	1185010	Needle Bearing	1
166	1708012	Flat Washer	1
167	1706236	Set Collar	1
168	1182554	Set Screw	1
169	1104954	Grease Fitting	1
170	1700045	Cable Guide	1
171	1700094	Bushing	1
172	1700039	Cable Pulley	1
173	229358	Hand Wheel	1
174	1106874	Hex Head Cap Screw 5/16-18 x 3/4"	1
175	1106878	Hex Head Cap Screw 5/16-18 x 1"	7
176		Versa Matic Assembly, Refer to Figure 7	1
177	1703059	Rod Latch	1
178	1703058	Snap Hitch Spring	1
179	1703057	Snap Hitch Latch	2
180	1703060	Pin	2
181	1703061	Rod End Pin	1
182	1104212	Spring Steel Cotter Pin	1
183	1706385	Extension Spring	1
184	1706386	Anchor Spring Bolt	1
185	1706383	42" V-Belt	1
186	1706382	24" V-Belt	1
187	1704260	Stop Belt - Long	2
188	1709560	Spacer	2
189	1703540	Stop Belt - Short	2
190	1709563	Belt Guide Assembly	1
191	1106915	Hex Head Cap Screw 3/8-16 x 3/4"	2
192	1106856	Hex Head Cap Screw 1/4-20 x 2-1/2"	2
193	1104337	Key 1/4 x 1-1/2"	1
194	1709589	Engine Sheave	1
195	1103466	Hex Socket Set Screw	2
196	1106927	Hex Head Cap Screw 3/8-16 x 1-1/2"	3

GEAR CASE

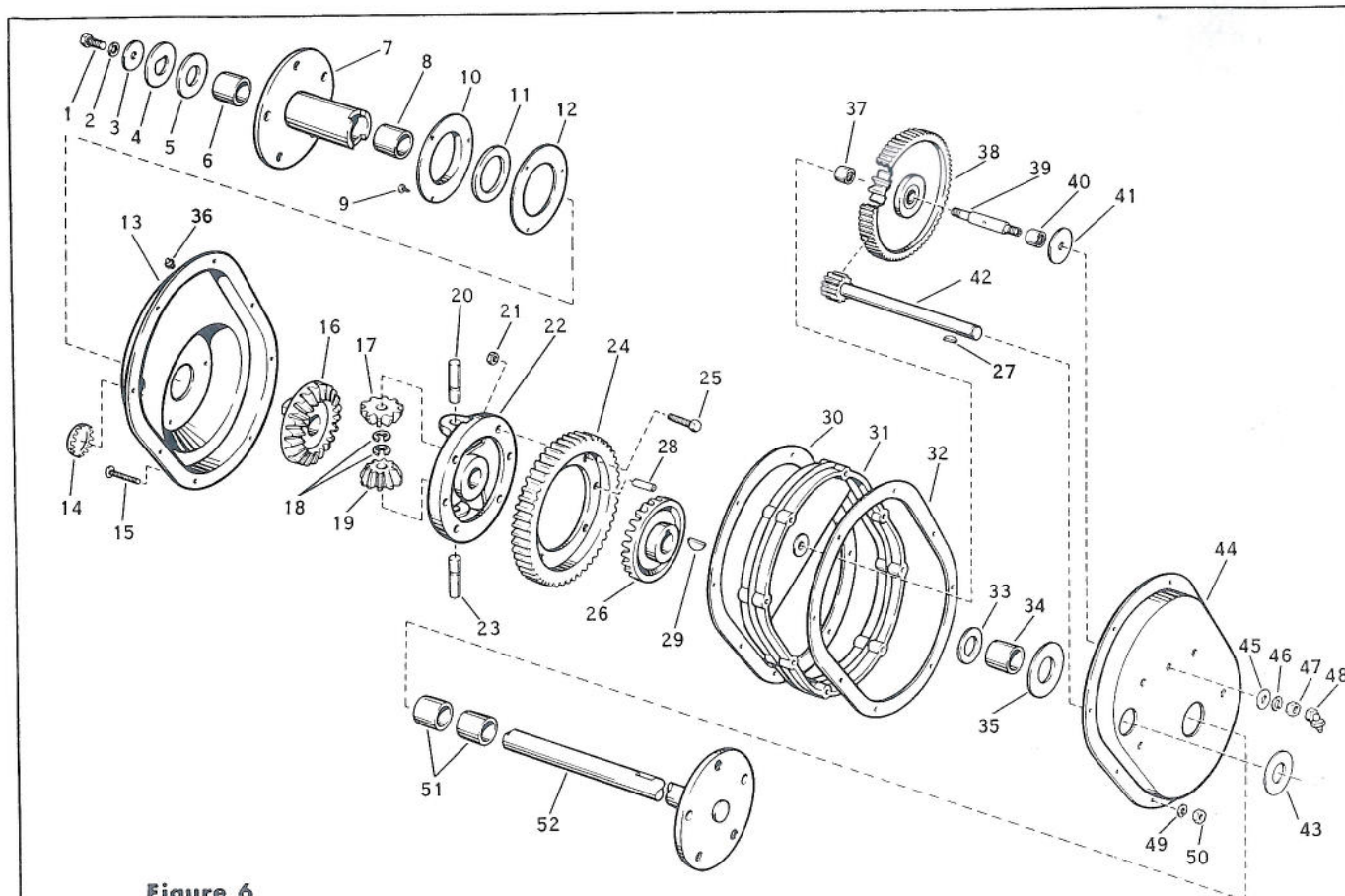


Figure 6

Ref. No.	Part No.	Description	No. Req'd.
1	1107201	Hex Head Cap Screw 3/8-24 x 3/4"	1
2	1705820	Washer	As Req'd.
3	1704487	Flat Washer	1
4	1709578	Washer D	1
5	1107389	Flat Washer	1
6	1185300	Bronze Bearing	1
7	1709582	Wheel Hub Assembly	1
8	1185300	Bronze Bearing	1
9	1185164	Thread Cutting Screw	3
10	1709482	Flange Seal	1
11	1185426	Oil Seal	1
12	1709923	Cover Gasket	1
13	1709481	Gear Cover	1
14	1703056	Button Plug	1
15	1114783	Round Head Mach Screw #10-32 x 1-3/4"	8
16	1709606	Bevel Gear 22T	1
17	1709604	Bevel Pinion 10T	1
18	1185427	Retaining Ring	2
19	1709604	Bevel Pinion 10T	1
20	1709597	Differential Pinion Shaft	1
21	1110107	Self Locking Nut 5/16-18	4
22	1709600	Differential Carrier	1
23	1709597	Differential Pinion Shaft	1
24	1709598	Gear 53T	1
25	1100808	Hex Head Cap Screw 5/16-18 x 1-1/4"	4

Ref. No.	Part No.	Description	No. Req'd.
26	1709607	Bevel Gear 22T	1
27	1104436	Woodruff Key 3/16 x 3/4"	1
28	1185346	Drive Pin	2
29	1709611	Woodruff Key 1/4 x 7/8"	1
30	1703055	Gear Case Gasket	1
31	1709602	Gear Case Spacer	1
32	1703055	Gear Case Gasket	1
33	1185429	Thrust Bearing	1
34	1185300	Bronze Bearing	1
35	1708491	Seal	1
36	1104954	Grease Fitting	1
37	1185165	Needle Bearing	1
38	1703945	Cluster Gear Assembly	1
39	1709593	Stud Bolt	1
40	1185165	Needle Bearing	1
41	1703052	Flat Washer	1
42	1709485	Rear Shaft Assembly	1
43	1705117	Countershaft Housing Seal	1
44	1708250	Gear Case Assembly	1
45	1107383	Flat Washer 3/8"	1
46	1100243	Spring Lockwasher 3/8"	1
47	1103840	Hex Nut 3/8-16	1
48	1110086	Grease Fitting	1
49	1103968	Spring Lockwasher #10-32	8
50	1185252	Esna Nut #10-32	8
51	1185300	Bronze Bearing	2
52	1709588	Wheel Hub Axle Assembly	1

VARIABLE SHEAVE ASSEMBLY

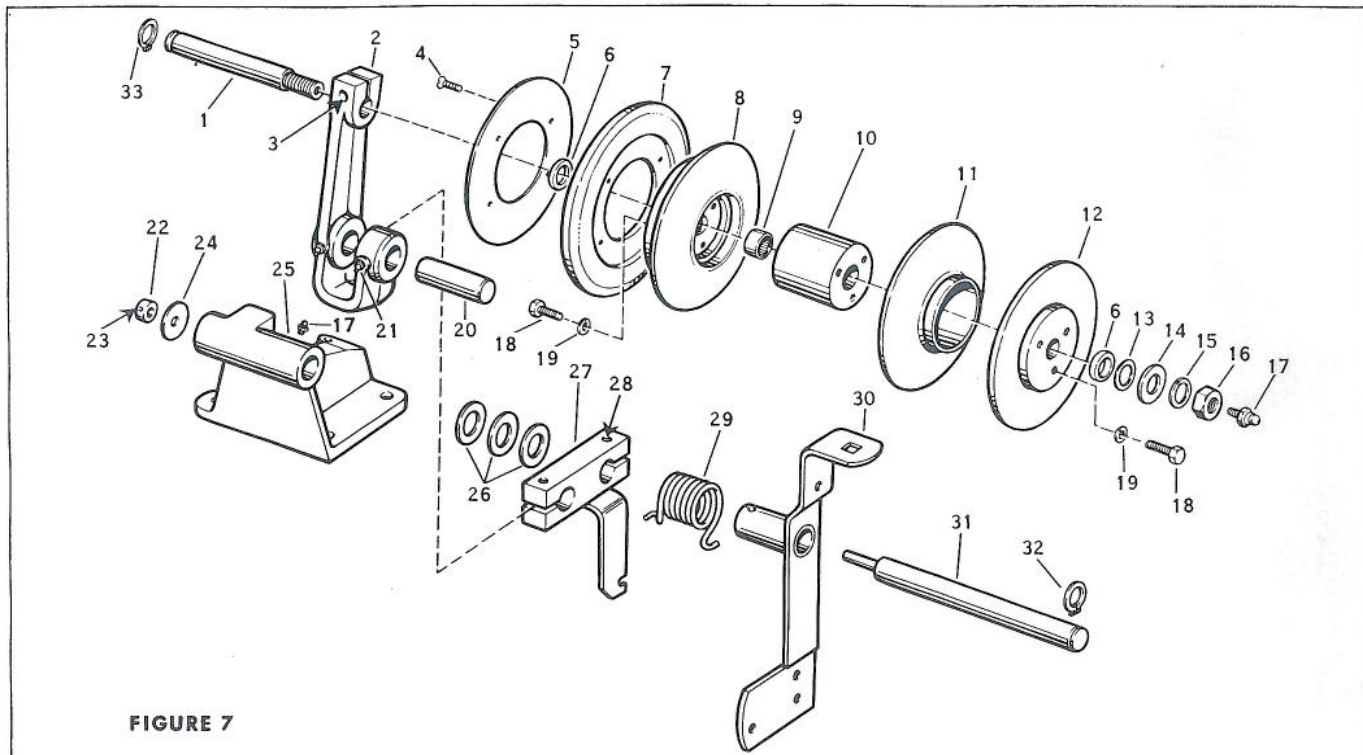


FIGURE 7

Ref. No.	Part No.	Description	No. Req'd.
1	1709633	Pulley Shaft	1
2	1709630	Pulley Support	1
3	1106886	Cap Screw 5/16-8 x 1-3/4"	1
4	1185299	Screw #10-24 x 5/8"	4
5	1706429	Clamp Ring	1
6	1706427	Spacer	2
7	1706376	Reverse Disc	1
8	1706365	Variable Speed Inner Flange	1
9	1185074	Needle Bearing	2
10	1706428	Pulley Hub	2
11	1706360	Variable Speed Control Flange	1
12	1706363	Variable Speed Outer Flange	1
13	1705093	Washer	As Req'd.
14	1107385	Flat Washer 1/2"	1
15	1100245	Lockwasher 1/2"	1
16	1108889	Hex Nut 1/2-13	1

Ref. No.	Part No.	Description	No. Req'd.
17	1104954	Grease Fitting	2
18	1100002	Cap Screw 1/4-28 x 3/4"	6
19	1185180	Lockwasher External Tooth	6
20	1706426	Support Shaft	1
21	1110086	Grease Fitting	2
22	1708006	Collar	1
23	1102685	Set Screw #10-32 x 3/16"	1
24	1708268	Washer	1
25	1706358	Pivot Support	1
26	1708550	Thrust Washer	3
27	1709584	Link Lever	1
28	1100006	Cap Screw 5/16-24 x 1-1/4"	2
29	1709621	Spring	1
30	1709523	Idler Arm	1
31	1709791	Support Shaft	1
32	1185388	Retaining Ring	1
33	1118808	Retaining Ring	1

FRONT AXLE (See Page 12 for Drawing)

Ref. No.	Part No.	Description	No. Req'd.
1	1707639	Ball Joint	2
2	1109589	Jan Nut 1/2-20	2
3	1706626	Drag Link	1
4	1185220	Drive Pin 3/16 x 1-1/2"	1
5	1706628	Steering Arm R. H.	1
6	1110371	Self Locking Nut	1
7	1706388	Pin Lock	1
8	1706387	Axle Pivot Pin	1
9	1185096	Cotter Pin	1
10	1706372	Tie Rod	1
11	1109589	Jan Nut 1/2-20	2
12	1110525	Pin Yoke	2
13	1702009	Adjusting Yoke End	2

Ref. No.	Part No.	Description	No. Req'd.
14	1100350	Cotter Pin	2
15	1705883	Steering Arm L. H.	1
16	1185220	Drive Pin 3/16 x 1-1/2"	1
17	1706371	Front Axle	1
18	1104954	Grease Fitting	2
19	1110086	Grease Fitting	1
20	1709391	Spindle Assembly	2
21	1709396	Durex Bearing	2
22	1709395	Wheel (Incl. Bearing)	2
23	309816	Flat Washer	As Req'd.
24	1185425	Retaining Ring	2
25	1110086	Grease Fitting	2

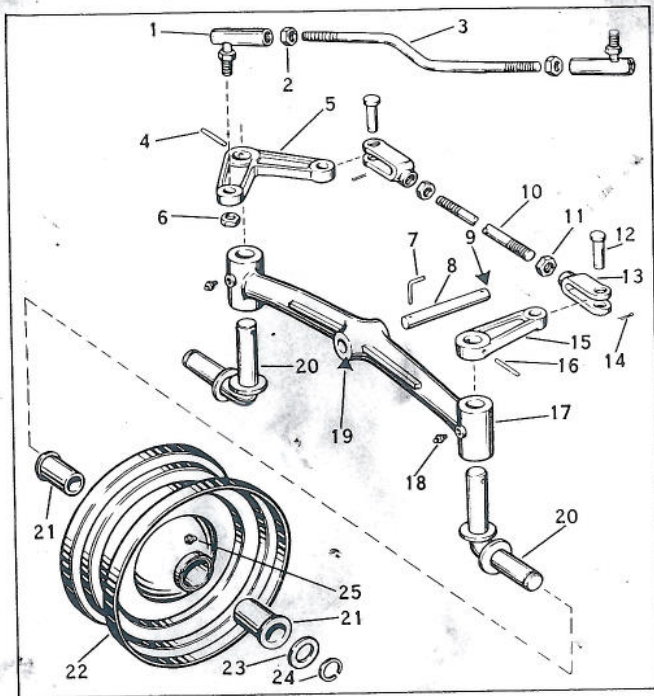


Figure 8

STEERING WHEEL ADJUSTMENT: If end play develops between gears, remove necessary spacers (Ref. 158, Fig. 5) to eliminate play. Steering action should be free and removing too many spacers will cause binding.

Keep tires inflated to proper pressure at all times; 6 pounds for rear tires, 20 pounds for front tires.

LUBRICATION

The tractor (except for engine) is lubricated at the factory. The gear case is lubricated with 1 pound Socony-Vacuum Greaserex #J-30 and this grease or its equivalent should be used if the gear case is disassembled. The grease will last a considerable length of time unless for some reason a leak should develop. As a precautionary measure it is recommended that a small amount of regular pressure gun grease be added through grease fitting each time the tractor is lubricated. The plug on the side of cover is not a grease level plug but is provided for removal of gear train shaft.

Lubricate pivot points such as levers, brake, etc. with light oil.

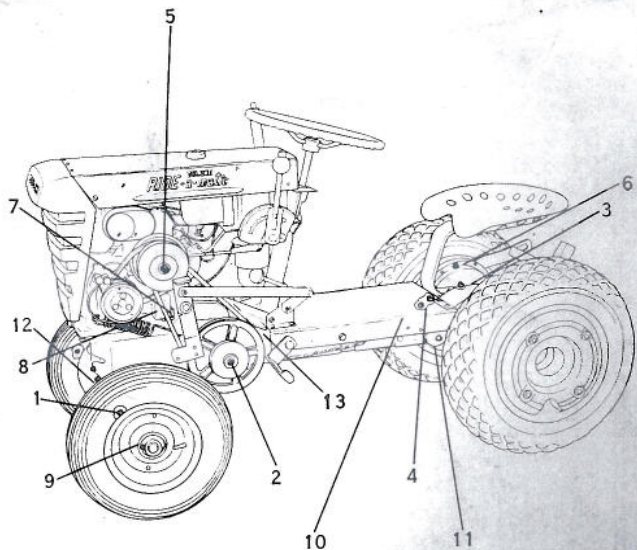
To check engine oil level and to add oil, loosen wing nuts on left side of grill and under the rear mounting bracket of belt guard. Slide guard to the rear and swing front of guard outward and toward the rear. This procedure is also necessary for greasing points (5), (7) and (8) shown in chart.

IMPORTANT: Check engine manual for engine lubrication instructions.

Refer to the following chart for location of grease fittings. Lubricate after every 8 hours of operation with regular pressure gun grease.

LUBRICATION POINTS

- 1 Front Spindle (2) (Each Side)
- 2 Drive Shaft (2) (Both Ends)
- 3 Rear Axle (1) (On axle housing to left of frame)
- 4 Transmission Shaft Housing (Under frame, just forward of rear axle)
- 5 Versa-matic Sheave (1) (Under belt guard)
- 6 Gear Case (1)
- 7 Pivot Support (1)
- 8 Pulley Support (2)
- 9 Front Wheel Bearings (2)
- 10 Rear Axle (1) (On axle housing to left under frame)
- 11 Chain Tightener (1)
- 12 Front Axle Pivot (1)
- 13 Steering Gear (1)



Lubricate after every 8 hours of use with regular pressure gun grease.

Figure 9