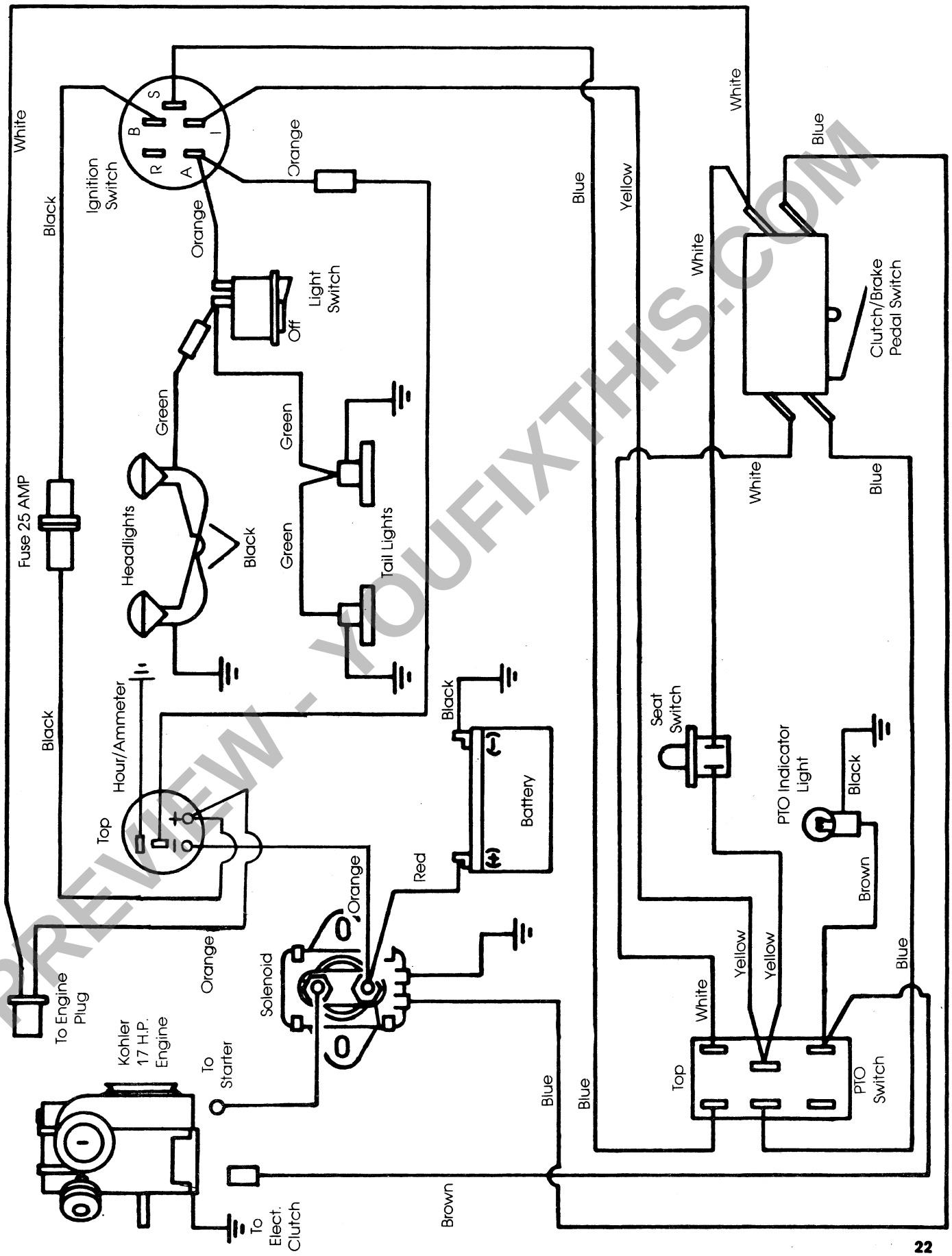


PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

TROUBLE SHOOTING

COMPONENT	PROBLEM: HEADLIGHT WILL NOT LIGHT	ENG WILL NOT CRANK TO START	ENG CRANKS BUT WILL NOT START	ENG RUNS BUT TRACTOR FAILS TO MOVE	ATTACH WILL NOT OPERATE	BRAKES DO NOT STOP TRACTOR OR HOLD IN PARK	TRACTOR IS HARD TO PUSH	DEAD BATTERY	ENG STARTS WITH FT PEDAL REL'S OR P.T.O. ENGAGED	ENG RUNS ROUGH	ENGINE WILL NOT STOP	BATTERY NOT CHARGING (Ammeter-Discharge)	CAUSES	REFER TO INSTRUCTIONS IN OPERATOR'S MANUAL PAGES
CLUTCH BRAKE PEDAL		●											NOT DISENGAGED	12
		●							●				INTERLOCK NOT ADJUSTED	21
				●			●						BRAKE NOT RELEASED	13
P.T.O. SWITCH		●											NOT IN OFF POSITION	13
					●								NOT ENGAGED	13
		●							●				INTERLOCK NOT ADJUSTED	21
ENGINE	●				●			●				●	NOT RUNNING OR CHARGING	
LIGHT, IGNITION SWITCH AND WIRING	●	●											NOT ON	13, 14
	●	●						●	●		●	●	WIRE LOOSE	22
	●	●						●	●			●	WIRE GROUNDED	22
FUSE		●						●					BLOWN	12
BATTERY		●						●				●	TERMINAL CORRODED	18
		●											BATTERY DEAD	
		●						●				●	WIRE LOOSE OR GROUNDED	22
		●						●					LOW FLUID LEVEL	16
CARBURETOR			●							●			NOT ADJUSTED	ENG MANUAL
ENGINE SPEED CONTROL			●										NOT FULLY CHOKED - COLD ENG	14
			●										TOO FULLY CHOKED - WARM ENG	14
FUEL			●										NO FUEL	10
			●										PLUGGED FILTER OR GAS LINE	
DRIVE LEVER				●									NOT IN DRIVE POSITION	14
							●						NOT IN NEUTRAL POSITION	14
SPARK PLUG			●										DIRTY OR BROKEN	ENG MANUAL
			●										WIRE LOOSE	
BRAKE						●	●						NOT ADJUSTED	20
						●							WORN	21
BULBS	●												BLOWN OR BROKEN	
SEAT SWITCH		●											INTERLOCK NOT ADJUSTED	21
AXLE RANGE CONTROL				●									CONTROL IN NEUTRAL	14
							●						CONTROL NOT IN NEUTRAL	14

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

BODY PARTS LIST

REF. NO.	DESCRIPTION	QTY.
1	Instrument Panel Assembly w/Decal	1
2	Footrest Assembly-R.H.	1
3	Footrest Assembly-L.H.	1
4	Pad-Footrest-R.H.	1
5	Pad-Footrest-L.H.	1
6	Spacer	2
7	Fender & Seat Support Assembly	1
8	Seat	1
9	Cable-Seat Pan Restraint	1
10	Seat Spring	2
11	Seat Adjuster	1
12	Seat Adjuster w/Handle	1
14	Tail Light	2
15	Reinforcing Strip	1
16	Pivot Bracket-Hood	1
17	Rod-Hood Pivot	1
18	E-Ring	2
19	Foam Strip-Instrument Panel	1
20	Hood Assembly	1
21	Grille Screen Assembly	1
22	Cable-Hood Restraint	1
23	Headlight	2
24	Plate-Headlight	2
25	Quarter Turn Fastener	4
26	Retainer Clip	4
27	Nut-Retainer	4
28	Seat Support Bracket Assembly	1
29	Shock Pad	4
30	Thread Forming Screw 1/4-20 x 1/2 Plated	6
31	Thread Forming Screw 5/16-18 x 1/2 Plated	11
32	Thread Forming Screw 5/16-18 x 3/4	4
33	Nut, Flanged Grip 5/16-18 Plated	8
34	Nut, Flanged Grip 3/8-16 Plated	4
35	*Nut, Hex 3/16-32 Plated	4
36	*Nut, Hex 5/16-18 Plated	1
37	*Nut, Hex 3/16-24 Plated	6
38	*Cap Screw, Hex Hd. 5/16-18 x 3/4 Plated, Grade 5	5
39	*Cap Screw, Hex Hd. 3/8-16 x 3/4 Plated, Grade 5	4
40	*Washer, External Tooth 3/16 Plated	10
41	*Washer, Lock 5/16 Plated	5
42	*Washer, Lock 1/4 Plated	1
44	*Cap Screw, Hex Hd. 1/4-20 x 5/8 Plated, Grade 5	1
45	Hood Latch	2
46	Rivet	4
47	Guard-Shift Lever	1
48	Indicator Plate	1
49	Spring	2
50	Retainer	2
51	Spacer	2
52	*Machine Screw, Phillips Pan Hd. 5/16-24 x 1/2 Plated	2
53	*Machine Screw, Socket Flat Hd. 3/8-16 x 1 3/4 Plated	2
54	*Washer, Flat SAE 3/8 Plated	2
55	*Washer, Spring Lock 3/8 Plated	2
56	*Nut, Hex Jam 3/8-16 Plated	2

* Common Hardware. May Be Purchased Locally.

NOTE: All assemblies that list decals have only operational, instructional and safety decals. Other kinds of decals must be ordered separately.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

DRIVE PARTS LIST

REF. NO.	DESCRIPTION	QTY.
1	Bellcrank-Speed Control Assy	1
2	Ball Joint	2
3	Link-Speed Control	1
4	Idler Support Plate	1
5	Stud 3/8-24	1
6	Sleeve	1
7	Should Bolt	1
8	Tab-Speed Control	1
9	Speed Control Handle Assembly	1
10	Sleeve	1
11	Speed Control Assembly	1
12	Rubber Bushing	1
13	Handle-Short	1
14	Handle-Long	1
15	Pivot Bracket Assembly w/Bushings	1
16	Bushing	2
17	Neutral Return Assembly	1
18	Turnbuckle	1
19	Clevis Assembly	1
20	Clevis Pin	1
21	Slide	1
22	Yoke	1
23	Pivot Bushing	1
24	Lever Assembly	1
25	Foot Pedal Shaft & Decal Assy	1
26	Grip-Foot Pedal	1
27	Lever-Brake Arm	1
28	Spring-Friction	1
29	Pad-Friction	1
30	Neutral Return Lever Assembly	1
31	Spring-Neutral Return	1
32	Link-Park Brake	1
33	Park Brake Ratchet Assembly w/ Bushings	1
34	Bushing	2
35	Spacer	1
36	Retaining Ring	3
37	Thread Forming Screw 5/16-18 x 1/2 Plated	1
38	Thread Forming Screw 3/8-16 x 3/4 Plated	4
39	Thread Forming Screw 5/16-18 x 3/4 Plated	4
40	Washer	3
41	Shim Washer	0-3
42	Guide-Neutral Finger	1
43	Finger-Neutral Lock	1
44	Mounting Bar	1
45	*Cap Screw, Hex Hd. 1/4-20 x 1 1/4 Plated, Grade 5	1
46	*Cap Screw, Hex Hd. 5/16-18 x 1" Plated, Grade 5	1
47	*Cap Screw, Hex Hd. 3/8-16 x 2" Plated, Grade 5	2
48	*Cap Screw, Hex Hd. 3/8-16 x 1 1/4 Plated, Grade 5	2
49	*Machine Screw, Phillips Oval Hd. 5/16-18 x 3 1/8 Black Oxide	1
50	*Nut, Hex 5/16-18 Plated	1
51	*Nut, Hex 3/8-16 Plated	1
52	*Nut, Hex 1/2-13 Plated	1
53	*Nut, Hex Cone Lock 3/8-16 Plated	5
54	*Nut, Hex Jam 3/8-16 Plated	1
55	*Nut, Hex Jam 3/8-24 Plated	3
56	*Nut, Square 5/16-18 Black Oxide	1
57	*Washer, Spring Lock 1/4 Plated	1
58	*Washer, Spring Lock 3/8 Plated	1
59	*Washer, Spring Lock 5/16 Plated	1
60	*Washer, Spring Lock 1/2 Plated	1
61	*Washer, Flat SAE 1/4 Plated	1
62	*Washer, Flat SAE 5/16 Plated	3
63	*Washer, Flat SAE 3/8 Plated	4
64	*Washer, Flat SAE 5/8 Plated	3
65	*Key, Woodruff 1/8 x 5/8 Grade 5	1
66	*Pin, Cotter 1/8 x 3/4 Plated	5
67	*Pin, Roll 3/16 x 1 1/4	1
68	*Pin, Roll 3/16 x 2"	1
69	*Pin, Cotter 1/8 x 1" Plated	1
70	Rubber Spacer	1

* Common Hardware. May Be Purchased Locally.

NOTE: All assemblies that list decals have only operational, instructional and safety decals. Other kinds of decals must be ordered separately.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

TRANSMISSION & LIFT PARTS LIST

REF. NO.	DESCRIPTION	QTY.
1	Transaxle Break Down On Pages 43 & 44	1
2	Transmission (Eaton #2)	1
3	Bushing-Axle Mounting	1
4	Bushing-Axle Mounting	1
5	Gasket	1
6	Bevel Gear	1
7	Tow Hitch	1
8	Dip Stick Assembly	1
9	90° Street Elbow	2
10	90° Swivel Elbow	3
11	Hose	2
12	90° Swivel Elbow	2
13	Elbow-Straight Thread	1
14	Adaptor-Straight	3
15	Filter Adaptor	1
16	Filter	1
17	Tube Assembly-⅝ O.D.	1
18	Tube Assembly	1
19	Hose Assembly	1
20	Clamp-Hose (Trans. To Filter)	1
21	Brake Pad	1
22	Spacer-Brake	1
23	Disc Brake	1
24	Disc Plate Assembly	1
25	Fan	1
26	Spacer	1
27	Drive Shaft Assembly	1
28	Handle-Short	3
29	Clevis Pin	1
30	Support Assembly-Park Brake Latch	1
31	Park Brake Latch Assembly	1
32	Grip-Park Brake Latch	1
33	Clevis	1
34	Link-Brake	1
35	Stud	1
36	Spring-Brake Return	1
37	Pivot Bushing	1
38	Spacer	2
39	HI-LO Shift Lever Assembly	1
40	Extension-HI-LO Shift	1
41	Pivot Bushing	1
42	Retaining Ring	1
43	Lever-Hydraulic Lift	1
44	Link-Hydraulic Lift	1
45	Pivot Bushing	1
46	Hydraulic Valve	1
47	Hydraulic Valve Mntg. Bracket	1
48	Lift Arm Assembly	1
49	Hydraulic Hose	1
50	Hydraulic Cylinder	1
51	Hydraulic Hose	1
52	Clevis Pin	1
53	Auger Bearing	2
54	Pin-Cylinder Mount	1
55	Cotter Pin-Special	1
56	Washer	1
57	Spring Clip Pin	1
58	*Cap Screw, Hex Hd. ¼-20 x ½ Plated, Grade 5	2
59	*Cap Screw, Hex Hd. ¼-20 x ⅝ Plated, Grade 5	2
60	*Cap Screw, Hex Hd. 5/16-18 x ½ Plated, Grade 5	1
61	*Cap Screw, Hex Hd. ⅜-16 x 1" Plated, Grade 5	4
62	*Cap Screw, Hex Hd. 5/16-18 x 1¼ Plated, Grade 5	1
63	*Cap Screw, Hex Hd. ⅜-16 x 2¾ Plated, Grade 5	4
64	*Cap Screw, Hex Hd. ⅜-16 x 1½ Plated, Grade 5	2
65	*Cap Screw, Hex Hd. ½-13 x ¾ Plated, Grade 5	4
66	*Cap Screw, Hex Hd. ½-13 x 1½ Plated, Grade 5	2
67	*Cap Screw, Hex Hd. ½-13 x 1¾ Plated, Grade 5	3
68	*Cap Screw, Hex Hd. ½-13 x 4½ Plated, Grade 5	1
70	*Cap Screw, Hex Hd. ¼-20 x 1½ Plated, Grade 5	2
71	*Cap Screw, Hex Hd. 5/16-18 x ⅝ Plated, Grade 5	4
72	*Cap Screw, Hex Hd. 5/16-18 x ⅞ Plated, Grade 5	1
73	Thread Forming Screw 5/16-18 x½	2
74	*Machine Screw, Philips Oval Hd. 5/16-18 x 1¾ Black Oxide	1
75	*Machine Screw, Philips Oval Hd. 5/16-18 x 1⅛ Black Oxide	1
76	*Nut, Hex ¼-20 Plated	4
77	*Nut, Hex 5/16-18 Plated	7
78	*Nut, Hex ½-13 Plated	2
79	*Nut, Hex Cone Lock 5/16-18 Plated	1
80	*Nut, Hex Cone Lock ¼-20 Plated	2
81	*Nut, Square 5/16-18 Black Oxide	2
82	*Nut, Hex Jam 5/16-18 Plated	1
83	*Washer, Spring Lock ¼ Plated	5
84	*Washer, Spring Lock ⅜ Plated	10
85	*Washer, Spring Lock 5/16 Plated	8
86	*Washer, Spring Lock ½ Plated	10
87	*Key, Woodruff ¼x1⅛ Grade 5	2
88	*Key, Hypro 3/16 x ¾ Grade 5	1
89	*Key, Hypro 3/16 x ⅝ Grade 5	1
90	*Set Screw, Hex Socket Hd. Cup Pt. 5/16-18 x 5/16	1
91	*Set Screw, Hex Socket Hd. Cup Pt. 5/16-18 x ¾	1
92	*Pin, Cotter ⅛ x 1 Plated	1
93	*Pin, Cotter ⅛ x 1⅛ Plated	1
94	*Pin, Cotter ⅛ x ¾ Plated	4
95	Disc Plate-Brake (31439)	1
96	Friction Material	2
97	Ferrule	1
98	Plate, Back-Up	1
99	Cam Side, Machined	1
100	Cotter Pin	1
101	Push Pin	2
102	Compression Pin	1
103	Cam	1
104	Flat Washer	1
105	Nut, Castle	1
106	Spacer (211466)	1

* Common Hardware. May Be Purchased Locally

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

FRONT WHEEL AND REAR WHEEL PARTS LIST

REF. NO.	DESCRIPTION	QTY.
1	Tire & Wheel Assembly Consists Of:	2
	Wheel	
	Grease Fitting	
	Bearing (Sealed)	
	Bearing (Unsealed)	
	Tire 16 x 6.50-8 Ribbed	
	Valve Cap	
	Valve Stem	
2	Bearing (Sealed)	2
3	Bearing (Unsealed)	2
4	Bushing	2
5	Clevis	2
6	Front Axle Assembly w/Bushings	1
7	Bushing-Spindle	4
8	Grease Fitting	5
9	Spindle Assembly-R.H.	1
10	Spindle Assembly-L.H.	1
11	Tie Bar	1
12	Pivot Bushing	2
13	Washer	2
14	Axle Pivot Support Assembly	1
15	Wheel Hub	2
16	Cap-Wheel Bearing	2
17	Retaining Ring-1⅛	2
18	Wheel Bolt-7/16-20 x ¾	10
19	Washer	2
20	Tire & Wheel Assembly Consists Of:	2
	Wheel	
	Tire-23 x 10.50-12	
	Valve Stem	
	Valve Cap	
21	Cap Screw-Special	2
22	Shoulder Bolt-Special	1
23	*Cap Screw, Hex Hd. ⅜-16 x 1" Plated, Grade 5	4
24	*Cap Screw, Hex Hd. ⅜-16 x 2¼ Plated, Grade 5	1
25	*Nut, Hex Cone Lock ⅜ Plated	5
26	*Nut, Hex Cone Lock ½-13 Plated	2
27	*Nut, Hex Cone Lock 7/16-14 Plated	1
28	*Nut, Hex Jam ½-20 Plated	2
29	*Nut, Hex Cone Lock ⅝-18 Plated	2
30	*Washer, Spring Lock ⅜ Plated	4
31	*Washer, Flat ⅜ Plated	2
32	*Set Screw, Square Hd. Cup-Pt. ⅜-16 x 1" Grade 5	2
33	*Pin, Cotter 5/32 x 1¼ Plated	2
34	King Pin Assembly	2

* Common Hardware. May Be Purchased Locally.

PREVIEW YOUFIXTHIS.COM

Download full manual at youfixthis.com

ENGINE & GAS TANK PARTS LIST

REF. NO.	DESCRIPTION	QTY.
1	Engine 17 H.P. Kohler Horizontal	1
2	Exhaust Deflector-Top w/Decal	1
3	Exhaust Deflector-Bottom	1
4	Muffler	1
5	Muffler Clamp	3
6	Bracket-Exhaust Tube Support	1
7	U-Bolt	4
8	Exhaust Tube	1
9	Baffle Assembly	1
10	Bracket-Baffle-Support	4
11	Foam Strip	1
12	Dust Screen	1
13	Snap Bushing	1
14	Solenoid	1
15	Cover-Solenoid Stud	1
16	Gas Cap & Gauge	1
17	Gas Tank	1
18	Foam Pad	1
19	Foam Pad	2
20	Gas Tank Hold Down	1
21	Foam Pad	1
22	Battery Cover & Decal Assembly	1
23	Battery	1
24	Battery Hold Down	1
25	Battery U-Bolt	1
26	Battery Support Assembly	1
27	3/8" Street Elbow	1
28	Pipe-Oil Drain	1
29	1/4" Pipe Plug	1
30	Fuel Hose (Tank To Filter)	1
31	Fuel Filter	1
32	Fuel Hose (Filter To Engine)	1
33	Clamp-Fuel Line	4
34	Nut Hex Washer Lock 1/4-20	2
35	Screw Thread Forming 5/16-18 x 3/4	2
36	*Cap Screw Hex Hd. 3/8-16 x 1 1/4 Plated, Grade 5	2
37	*Cap Screw Hex Hd. 1/4-20 x 1/2 Plated, Grade 5	10
38	Machine Screw Type "B"	14
40	*Nut Hex 3/8-16 Plated	4
41	*Nut Hex 1/4-20 Plated	6
42	*Nut Hex Jam 1/4-20 Plated	2
43	*Nut Hex S-Lock 1/4-20 Plated	2
44	*Nut Hex Cone Lock 1/4-20 Plated	2
45	*Washer Spring Lock 3/8 Plated	4
46	*Washer Spring Lock 1/4 Plated	12
47	*Washer S.A.E. Flat 1/4 Plated	8
49	Rubber Edging	1
50	*Cap Screw, Hex Socket Hd. 3/8-16 x 1 1/4 Plated, Grade 5	2

* Common Hardware. May Be Purchased Locally.

NOTE: All assemblies that list decals have only operational, instructional and safety decals. Other kinds of decals must be ordered separately.

PREVIEW.YOUFIXTHIS.COM

Download full manual at youfixthis.com

CONTROLS AND OPERATION

Be sure to read this section of the Operator's Manual before you attempt to operate your tractor. It is for your safety that you know where all controls are and are familiar with the functions of each control.

CLUTCH-BRAKE (FOOT) PEDAL

This pedal is foot operated and controls the drive as well as the brake on this tractor. The pedal is on the left-hand side of frame, Fig. 6.

To Operate: Depress pedal fully. This will automatically put the hydrostatic drive in neutral and engage the brake.

NOTE: The pedal must be completely depressed, and the P.T.O. switch must be held in off position, before the ignition switch can start the engine.

WARNING: To avoid injury, use a slow speed until you learn how to drive the tractor.

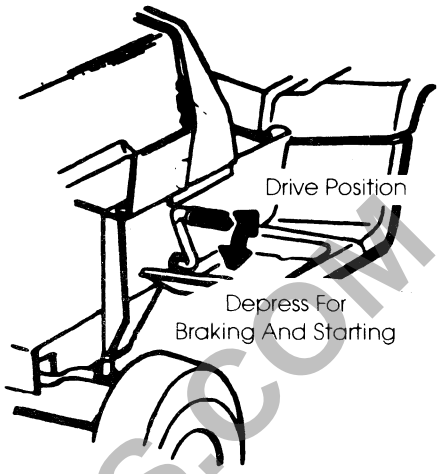


FIG. 6

SAFETY INTERLOCK SWITCHES

Your tractor is equipped with foot pedal, seat, and P.T.O. interlock switches. The engine will not start unless P.T.O. is off, and foot pedal is depressed. When engine is running, operator must turn P.T.O. off and set parking brake before leaving seat, or engine will stop.

HOUR/AMP METER

The hour section of this meter indicates the number of hours the engine has been run; the ammeter needle indicates whether battery is charging or discharging. This hour/amp meter is on the instrument panel. Fig. 8.

Movement of ammeter needle to the right of center indicates battery is charging; movement to the left of center indicates battery is discharging. Normal operation of the tractor will keep the battery fully charged. **NOTE:** If ammeter does not move, or indicates constant discharging, contact your Authorized Ford Dealer for service instructions.

FUSE

The fuse protects all the electrical circuits except the starter and magneto. The fuse holder is in the wire attached to the positive terminal of the solenoid, Fig. 7. The fuse is a 25 amp Little Fuse type 3AG or Bussman type AGC; both are available at most service stations.

NOTE: To open fuse holder push in on both ends of holder and turn ends in opposite directions; then pull apart.

IMPORTANT: For electrical safety, always disconnect negative (—) battery cable before removing fuse. Replace the fuse, then the battery cable.

If battery is dead, the engine, may be started with jumper cables and operated without damage to the electrical system with the battery connected. Be certain jumper cables are connected positive to positive, and negative from the booster battery to the engine block **(not to the negative terminal of the tractor battery).**

IMPORTANT: Engine can be jump started and run at full throttle. However, with no battery, or a weak battery, the engine will not support auxiliary equipment such as the electric P.T.O. clutch, lights, or electric lift.

Whenever battery cables are disconnected from battery, be sure the positive battery cable is secured safely away or insulated from all metal surfaces to prevent electrical sparking.

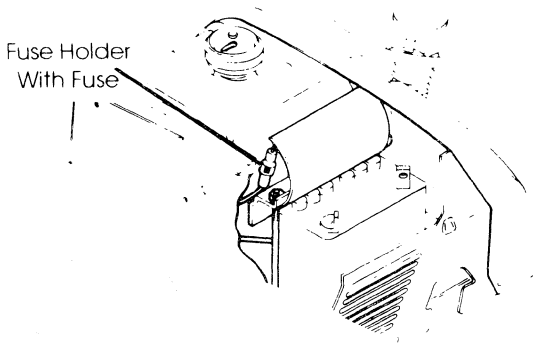


FIG. 7

PREVIEW - YOUFIXTHIS.COM
Download full manual at youfixthis.com

PREVIEW ONLY

You're viewing 8 of 50 pages

The full manual includes:

- All 50 pages, complete
- Searchable PDF (find any keyword)
- No watermarks
- Instant download
- Print-ready quality

GET FULL MANUAL NOW

Ford LGT 17H, 09GN2204 Operator Manual

Scan or click anywhere
youfixthis.com

Click anywhere on this page to get the full manual