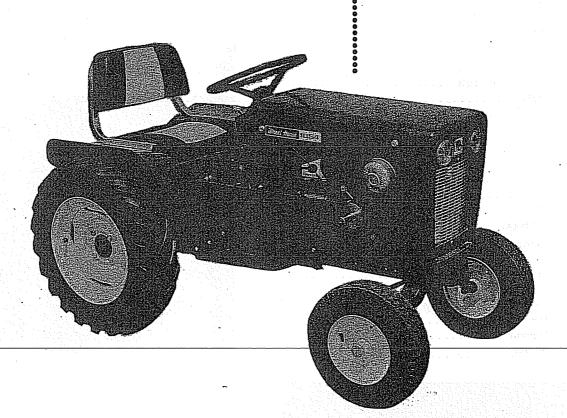


model 1054



OPERATION AND
SERVICE MANUAL
WITH PARTS LIST

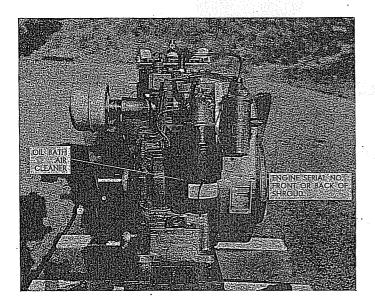


WHEEL-HORSE PRODUCTS. INC.

SOUTH BEND. IND.

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There is NO OIL in the crankcase of the engine when shipped from the factory. Read Engine Manual and follow all instructions pertaining to type of lubrication specified. The engine is the heart of your tractor and it is very important that you keep it in good condition.

WARRANTY

We warrant WHEEL HORSE PRODUCTS for ONE YEAR from date of purchase against defective parts and workmanship. We will replace, free of charge, any defective part if returned to the factory PREPAID.* Wheel Horse Products, Inc., reserves the right to make changes or improvements upon its products without imposing any obligations upon itself to install the same upon its products that have been previously manufactured.

The engine and battery carry a separate warranty by the manufacturer. FOR ENGINE OR BATTERY SERVICE, CONTACT YOUR LOCAL ENGINE OR BATTERY SERVICE HEADQUARTERS.

*All warranty claims, work, shipments, must be handled through your authorized Wheel Horse dealer. NOTE: 90 Day Warranty for Commercial Use.



TRANSMISSION

Remove oil filler plug, located at the left rear side of the transmission, and fill to level of hole with a good grade of S.A.E. 40 Gear Lube (will require about 3 pints).

The transmission should be checked after every 40 hours of use. The transmission should be drained once a year by removing plug on bottom to drain oil. Refill as above paragraph. This is a regular automotive type transmission with sliding gears and should have the same care as your car.

BATTERY

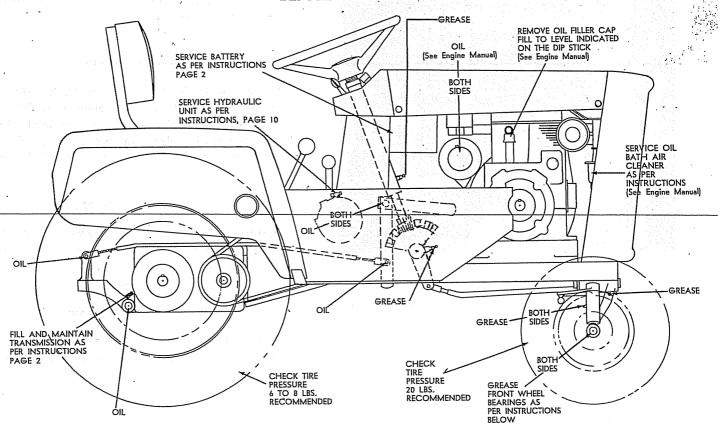
With proper care this battery should give the long service life built into it.

A battery which does not function properly is not necessarily worn out or defective. It may only need a good recharge. Therefore, if battery trouble is suspected, a full recharge and test by a competent battery man is recommended.

Putting Battery In Service

Remove wicks or tape covering from vent hole in filler caps. Make sure vent holes are open so that gas produced when battery is charging can escape. If necessary, run a fine wire in vent hole to be sure it is open and free of all obstructions.

BEFORE YOU START



Fill each cell with 1.265 specific gravity battery grade electrolyte to level indicator or $\frac{3}{6}$ " above top of separators. Battery and electrolyte temperature should be at least 70°F prior to filling.

Permit battery to stand for thirty minutes. Replace filler caps and recharge the battery at a rate not exceeding 4 amperes until the specific gravity of each cell reaches 1.250. If room, battery and electrolyte temperatures are below normal a longer charging period will be necessary to bring the specific gravity up to 1.250.

Warning

Under no conditions should battery be filled more than $\frac{3}{16}$ " over the plates. We cannot be responsible for damages if this warning is not observed.

Care In Service

A hydrometer test of the battery solution should be made monthly. If the specific gravity tests 1.225 or less, the battery should be removed and thoroughly recharged. At the same time the solution level should be examined and distilled water added when necessary to retain the level of $\frac{3}{16}$ " over the plates. When necessary to add distilled water, do it just prior to recharging so that the added water mixes with the solution.

When recharging is necessary and user does not have his own charging equipment, he should request service station to slow charge the battery at a rate of ..2.. to ..3.. amperes. Fast charging is not recommended.

Any collection of grease or any other substance should be removed from the top of the battery and the top kept dry and clean at all times. The battery should be kept snug in its cradle and not permitted to get loose. If removed for charging, it should be fastened snugly enough to prevent any movement when in use. Vent caps should be kept tight and the small vent holes in top or side of cap be kept open at all times to permit escape of gas formed in the battery.

Care should be exercised not to overfill the battery at any time and to always retain $\frac{1}{6}$ " of solution above the plates.

Winter Care

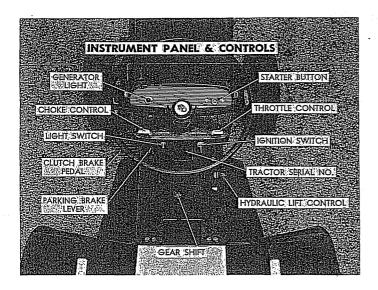
If battery will not be used during the winter months it should be removed and stored in a cool, dry place. Any collection of grease or other substance should be removed from the top of the battery.

The battery must be recharged monthly or whenever the hydrometer reads less than 1.225.

Before reinstalling the battery in the spring, it should always be given a thorough recharge.

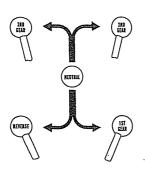
FRONT WHEEL BEARINGS

- Remove bearing, nut, cotter key, and hub cap from parts box.
- 2. Lubricate bearing cone by working grease into rollers with palm of the hand. Pack until spaces between rollers are completely filled. (Use regular automotive wheel bearing grease.)
- 3. Since inside bearing is already installed in front hub, it must be lubricated by inserting grease into the hub and working it into the bearing rollers.
- 4. After both bearings are packed, slide wheel and bearing cone onto spindle and retain with slotted nut.
- Adjust bearing by turning nut up tight against cone, then backing off one slot until cotter key can be in serted.
- Check wheel for excessive play or tightness and if necessary readjust.
- 7. Bend ends of cotter key and install hub cap.



STARTING ENGINE

- (1) Before starting engine open valve on sediment bowl. (See Figure II Page 9 for location.)
- (2) Place gear shift lever in neutral position.
- (3) Push throttle lever $\frac{1}{2}$ way forward in slot.
- (4) Push choke lever all the way forward to choke enengine. If engine is warm and has been running, choking will not be necessary.
- (5) Turn key to on position and push starter button.
- (6) When engine starts, slowly pull choke lever back to off position and adjust throttle to desired speed.
- (7) Depress clutch pedal on left side of tractor before selecting desired gear range.
- (8) When starting tractor in winter it is desirable to depress clutch so starter does not have to turn transmission.



CLUTCHING

Don't force the gear shift lever if the gears do not immediately mesh. Depress clutch pedal all the way down and let up then depress again and shift. To avoid sudden starts, release clutch pedal slowly. While in motion do not shift gears without depressing clutch pedal.

The clutch pedal also operates the brakes WHEN DE-PRESSED ALL THE WAY DOWN. For this reason, you should depress the clutch pedal only 3/3 OF THE WAY DOWN WHEN SHIFTING while in motion. This clutch-

brake pedal combination makes clutching automatic as you apply the brakes to stop.

PARKING BRAKE

The parking brake is located on the left side of the tractor. To set the parking brake, depress the clutch brake pedal as far as possible and pull the parking brake lever toward the rear. To release the brake depress the clutch-brake pedal, parking brake will automatically release.

ATTACHING TOOLS

Complete information on the assembly, attachment, operation and service of the many attaching tools will be provided with each attachment.

OIL BATH AIR CLEANER

Remove cleaner cover and add oil until the level reaches the arrow marked on the air cleaner bowl.

TIRES

The front tires are $4:00 \times 8$ and should be inflated to 20 lbs. of air pressure. The rear tires are $6:40 \times 15$ and should have 6 to 8 lbs. of air pressure. The tires can also be filled with ballast if desired. Ordinarily this is not necessary as the weight of the operator will add sufficient weight for adquate traction.

HEAD AND TAIL LAMPS

The tractor is equipped with two headlamps and a tail lamp. The off-on switch is located on the left rear corner of the dash panel. To replace burned out headlamp bulbs, remove the three (3) screws on back side of lamp mounting bracket, remove lamp housing, replace the bulb and reinstall housing. Tail lamp bulb is replaced by pulling lens from housing and replacing burned out bulb. Reassemble by pressing lens into housing as far as it will go.

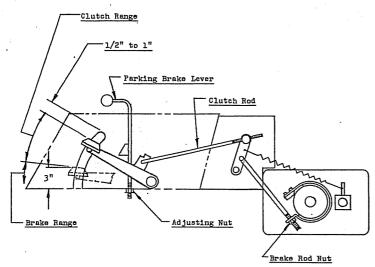
CARE OF THE TRACTOR

- (1) Keep tractor greased and oiled regularly. See previous instructions for location of grease fittings.

 Check transmission and project are all levels.
- (2) Keep engine air filter clean. Dirty filters use excessive fuel and reduces engine power and life.
- (3) Keep tires properly inflated.
- (4) Keep tractor covered and in a dry place when not in use.

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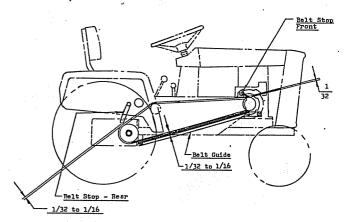
- (5) Keep grass and dirt out of engine cowling as they will stop the flow of cooling air and cause serious overheating.
- (6) BRAKE ADJUSTMENT: The brake band, located on the left side of the transmission, brakes the transmission and in turn stops the wheels. Adjust the nut on the brake rod so that, when you depress the clutch pedal all the way down, the band tightens around the brake drum just as the idler pulley releases the belt. Keep brake band and drum free from oil and dirt.



- (7) IMPORTANT: Adjustment of Clutch Brake Pedal.

 1. adjust Pedal to ½" to 1" position by adjusting Clutch Rod. 2. Depress Pedal to approximately the 3" dimension and swing Parking Brake Lever until it holds Pedal at the 3" position. 3. Tighten Brake Rod Nut until Brakes lock. 4. This procedure must be followed after 10-15 hours of operation on initial run-in of Tractor. This adjustment should be repeated if the Clutch Pedal approaches the top of the slot in the Belt Shield. Failure to adjust may result in failure of the main Drive Belt.
- (8) PARKING BRAKE ADJUSTMENT: After brake band and clutch-brake pedal have been adjusted, depress pedal until tractor brakes are locked. Pull parking brake lever back and adjust nut on bottom of lever shaft until lever will engage and hold pedal down.
- (9) HYDRAULIC BELT ADJUSTMENT: Proper belt tension is maintained by removing the right hand belt guard and loosening the four (4) bolts holding the pump body to the frame. Pump may now be moved forward and backward to adjust belt.
- (10) When replacing belts it is advisable to purchase them from your Wheel Horse dealer, as these belts are specifically designed for each tractor or attachment. A new drive belt may have a tendency to squeak during clutching, this will stop after an hour or two of operation as the belt seats in the pulley

- groove. When replacing bolts or mounting drive implements make sure all pulleys are in line.
- (11) Check battery liquid after every 40 hours of use. If tractor has been in storage it may be necessary to recharge.
- (12) Your tractor is only as good as the service you give it. See your Wheel Horse dealer for a thorough check-up after each season of use.



(13) ADJUSTMENT OF BELT GUIDES: Belt guide part 4195 attaches to the frame and to the side of the engine and runs along the bottom side of drive belt. This guide should be adjusted so that there is $\frac{1}{32}$ " to $\frac{1}{16}$ " clearance between the belt and the guard.

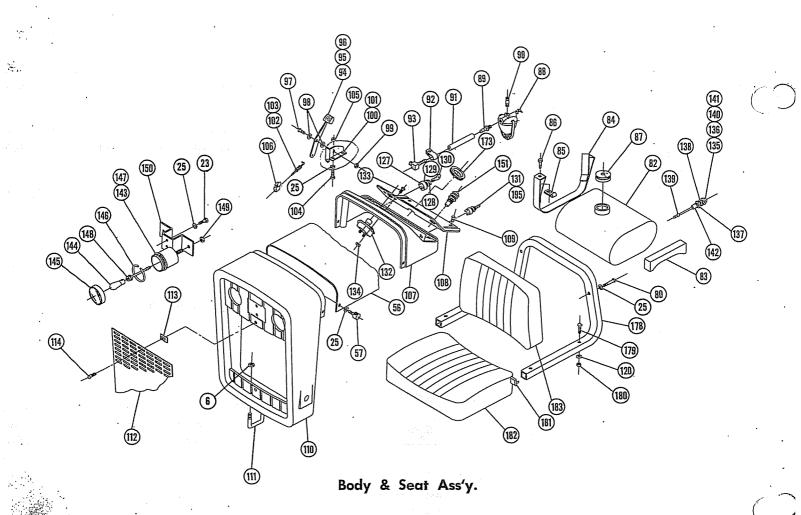
Rear Belt Stop part 4486 fits inside the right rear fender and extends down to the top of the drive belt on transmission pulley. This belt stop should be adjusted so that it is $\frac{1}{32}$ " to $\frac{1}{16}$ " away from the top of the belt.

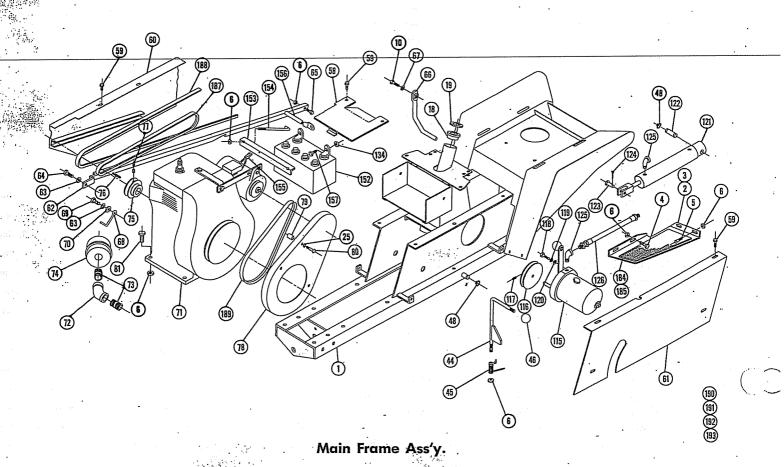
Front Belt Stop part 4796 fits on the engine and extends down to the belt on the engine pulley. It should be adjusted so that it is $\frac{1}{32}$ " away from the top of the belt.

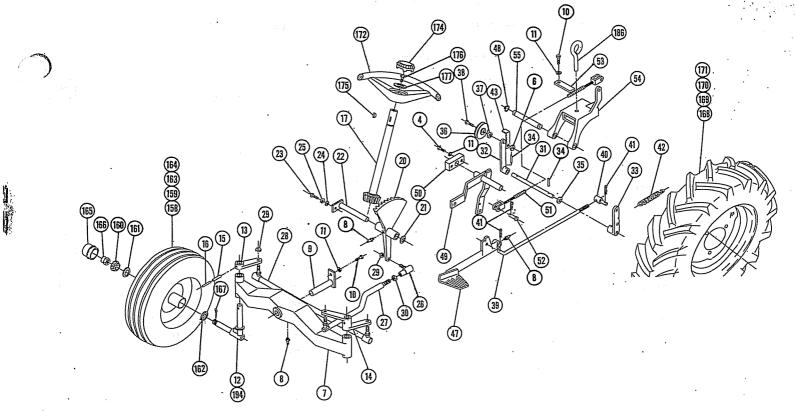
1054 SPECIFICATIONS

(Specifications subject to change without notice.)

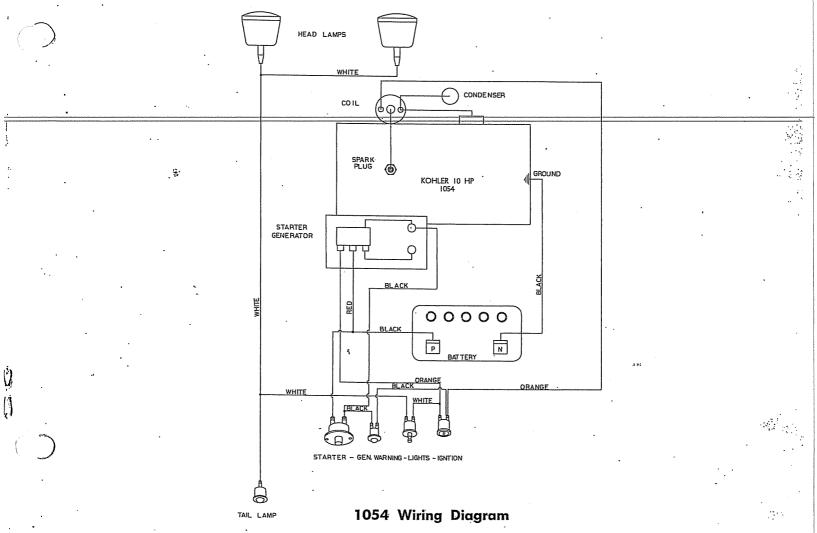
·
Length Overall
Wheelbase
Width Overall
Width at Front Wheels
Height 42 inches
Height to Top of Hood
Net Weight 656 lbs.
Crop Clearance
Frame Clearance
Engine (4-cycle, single cylinder, air cooled)
Fuel Capacity
Tires (front)
Tires (rear) 6:40 x 15" Pneumatic (27" wheel dia.)
Speeds 3 Forward to 7 mph.; 1 Reverse to 3 mph.
Turning Radius (to Outside of Outside Wheel)







Steering & Wheel Ass'y.



1054 TRACTOR PARTS LIST.

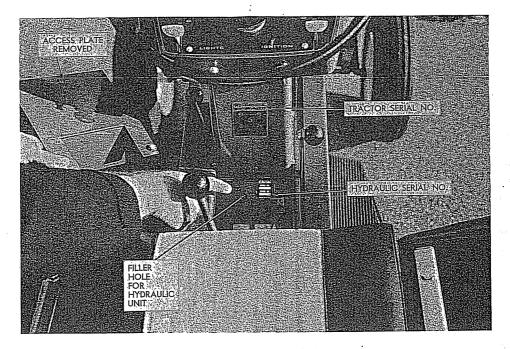
(Except Transmission — see page 12 for Transmission Parts List.)

When ordering parts always list Part No. and name of part.

Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd.
7	4876	Ass'y. Frame	1	52	932121-4	Pin — Clevis ⅙ Dia.	2
2	2744	Foot Rest — R.H.	1	53	3583	Lug — Cable	1
3	2745	Foot Rest — L.H.	1	54	3926	Hitch	1
4	908033-4	Bolt Hex 1/8-16 x 1/8	8	55	3988	Pin	1
5	909083-4	Bolt Rd. Hd. 3/4-16 x 5/8	4	56	2841	Cover — Hood	1
6	915113-6	Nut - Nylok 3/6-16	19	57	1345	Thumb Screw	4
7	2773	Axle Front	1	58	2792	Ass'y. Cover — Shift Stick	1
8	1030	Fitting — Grease	6	59	1385	Bolt — Hex — Sems 1/4-20 x 1/2	111
9	2736	Ass'y. Pin & Plate	1	60	2795	Ass'y. Belt Guard R.H.	1.
10	908032-4	Bolt — Hex 3/8-16 x 3/4	3 6	61	2783	Guard L.H.	1
11	920083-4	Lock Washer 3/8 Dia.	6	62	4195	Ass'y. Belt Guide	
12	3365	Ass'y. Spindle — L.H.	1	63	920084-4	Lockwasher 1/6 Dia.	. 2
		Arm — Steering R.H.	1	64	908046-4	Bolt — Hex 1/6-14 x 1	1 7
13	2733	-	1	65	908034-4	Bolt — Hex 3/8-16 x 1	'
-14	2732	Arm — Steering L.H.	1		-	, * *	' '
15	933230	Roll Pin ¾6 x 1½	2	66	4486	Ass'y. Belt Stop	
. 16	933,192	Roll Pin 3/6 x 11/2	2	67	920156-4	Lockwasher 3/8 Internal Tooth	1
17.	4885	Ass'y. Shaft & Pinion — Steering	1	68	4796	Guide — Belt	1
18	4890	Bushing — Steering Column	2	69	908046-4	Bolt — Hex ⅓ ₆ -14 x 1	1
19	5209	Washer	1	70	920010-4	Washer 1/6 SAE	1
20	4880	Sector — Steering	1	71	5230	Ass'y. Engine 10 H.P. Kohler	1
21	5208	Washer — Shim	1 5	72	3939	Elbow 1" x 45° (Exhaust)	1
22	4883	Ass'y. Shaft & Plate	1	73	3947	Nipple 1" Close (Exhaust)	2
23	908001-4	Bolt — Hex 1/4-20 x 1/2	3	74	2873	Muffler	1
24	920007-4	Washer 1/4 SAE	1	75	2720	Pulley	F
25	920081-4	Lockwasher ¼ Dia.	18	76	1349	Key 1/4 x 1/4 x 11/2	1
26	2710	Ass'y. Ball Joint	1	77	909862-6	Set Screw — Nylok ¾6-18 x ¾6	2
27	4891	Rod — Drag Link	1	78	2834	Guard — Engine	1. 1 .
28	2711	Ass'y. Tie Rod	1 :	79	2833	Spacer	3
29 ¹	915002-6	Nut - Hex Nylok 3/8-24	4	80	909060-4	Bolt — Rd. Hd. 1/4-20 x 11/2	· 5
30	915004-6	Nut — Hex Nylok ½-20	1	81	908035-4	Bolt — Hex 3/8-16 x 11/4	4
31	3017	Shaft : Idler Arm	1	82	2718	Fuel Tank	1
32	2891	Arm	3	83	2728	Block — Wood	2
33	4199	Arm — Clutch Rod Pivot	1	84	2717	Strap	2
34	933190	Roll Pin 3/6 x 11/4	, .	85	3698	Speed — Nut	4.
			1	86	926319-4	Screw #14 x 1 Rd. Hd. Self Tap.	4.
35	2731	Washer Lillon		87	2714	Cap — Tank	7.
36	1623	Pulley — Idler	1			•	;
37	1536	Bushing	1	88	1786	Ass'y. Fuel Strainer	'
38	908035-4	Bolt — Hex 3/8-16 x 11/4	1	8,9	1787	Nipple 1/8-27 Nylon	1
39	2741	Rod — Clutch	1	90	1192	Nipple 1/8 x 1	!
40	1861	Stud — Clutch Rod	1	. 91	2739	Hose — Fuel Line	1
41	S-52-3	Hairpin	4	92	4256	Clamp — Hose	2
42	1129	Spring — Clutch	1	93	1217	Elbow — Nylon ⅓-27	1
.43	2291	Bracket — Idler Throw-Out	1	94	2784	Ass'y. Control — Throttle (Complete)	1
44	· 2830	Ass'y. Lever — Brake	1	95	2785	Ass'y. Control — Choke (Complete)	1
45	. 2835	Spring — Torsion	11-	96	3797	Lever & Knob	2
46	1001	Knob	1	97	3329	Screw — Special	.2
47	. 2777	Pedal Clutch	3	98	3330	Washer	4
48	S-50-75	Snap Ring Truare ¾ Shaft	5	- 99	915000-6	Nut - Nylok 1/4-28	2.
49	4877	Ass'y. Lift Lever	1	100	4190	Bracket — Control R.H.	
	2754	Block — Lift Pivot	2	101.	4191	Bracket — Control L.H.	1
50			1 4				

1054 TRACTOR PARTS LIST (Cont'd)

	Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Req'd
	103	4034	Cable Ass'y. — Control — Choke	1	150	2886	Bracket — Headlight	1
	104	908003-4	Bolt — Hex 1/4-20 x 3/4	6	151	2774	Ass'y. Lamp — Gen. Warning	1
	105	915111-6	Nut — Nylok ¼-20	2	152	2712	Battery	1
	106	3023	Retainer — Cable	2	153	2725	Angle — Battery Clamp	1
	107	2798	Housing — Control Panel	1	154	2724	Hook — Battery Clamp	2
	108	2870	Panel — Control	1	155	2848	Wiring Harness	1
	109	2874	Bolt Rd. Hd. 10-24 x 3/8 (Black)	4	156	. 4432	Wire — Ground	;
	110	2815	Housing — Grill	1	1 <i>57</i>	908002-4	Bolt — Hex 1/4-20 x 5/8	2
	j11	3764	"U" Bolt	2	158	3368	Ass'y. Wheel, Tire & Tube — Front	2
	112	2810	Grill	1	159	3369	Ass'y. Wheel & Bearing	1
	.113	3699	Speed Nut	2	160	3370	Cone — Bearing	2
	. 114	926317-4	Screw #14 x 3/4 Rd. Hd. Self Tap.	2	161		_	4
٠	115	5248	Ass'y. Pump — Hydraulic	1		3371	Cup — Bearing	4
				1.	162	3373	Seal — Bearing	2
	116	4812	Pulley	1	163 سو	1656	Tire	2
	117	909861-6	Set Screw 16-18 x 1/4 Nylok	2	164	1657	Tube	. 2
	. 118	908016-4	Bolt 1/6-18 x 1/8	4	165	3372	Hub Cap	2
	119	920082-4	Lockwasher 1/6 Dia.	4	166	915035-4	Nut — Castle ¾-16	2
	120	920008-4	Washer ¾6 SAE	В	167	932019-4	Cotter Pin 1/8 x 11/2	2 2 2
	121	5249	Ass'y. Cylinder — Hydraulic	1	168	2845	Ass'y. Wheel, Tire & Tube — Rear	2
	122	2747 [.]	Pin — Pivot	1	169	2715	Wheel	
	123	932124-4	Pin — Clevis ½ Dia.	. 1	170	2722	Tire — Cleat Tread	2
j.	124	932017-4	Cotter Pin 1/8 x 1/2	1	171	2723	Tube	2
^	125	4834	Street Elbow ¼ NPTF	2	172	4875	Steering Wheel	1
	126	2729.	Ass'y. Hose — Hydraulic	2	173	2708	Grommet	1
	127	1747	Ass'y. Switch — Ignition	1	174	2897	Insert	1
	128	4882	Nut — Hex 5/8-32 Special	1	175	937014	Key #9 Woodruff	1
	129	4881	Lockwasher 🏂 Dia. Thin	1	176	908031-6	Bolt - Nylok 38-16 x 58	1
	. 130 -	3668	Key — Ignition .	1-1-	177	2844	Washer — Special	+=
	131	- 5273	Ass'y. Switch — Headlight	1	178	2727	Frame — Seat	1
	132	1751	Ass'y. Switch — Starter	1	179	908021-4	Bolt — Hex 1/6-18 x 11/2	4
	133	2846	Bolt Rd. Hd. 1/4-20 x 3/4	-2	. 180	915112-6	Nut - Nylok 16-18	- 1
	134	. 915111-6	Nut — Nylok ¼-20	4	181	2818	Plug — Button — Square	2
	135	2775	Ass'y. Tail Light (Complete)	1	182	2787	Cushion — Seat	
	136	2883	Bulb — Tail Light	1	183	2788	Cushion — Back	
	13 <i>7</i>	2884	Nut Hex 1-27 Thin	1	184	2796	Pad — Foot Rest R.H.	;
	138	2885	Lockwasher 1" Dia. Thin	1	185	2797	Pad — Foot Rest L.H.	'
	139	4964	Ass'y. Wire & Contact — Tail Light	1	T86 [‡]			'
	140	4965	Spring — Tail Light	'		1813	Tool Pin	1
	• 141	4966		.	187	1591	Belt 47" — Hydraulic	1
	•		Lens — Tail Light]	188	1592	Belt 82" — Drive	. 1
-	142	4967	Housing — Tail Light	. 1	189	1593 🗸	Belt — Engine to Gen.	1
	143	4125	Ass'y, Headlight (Complete)	2	190	2871	Decal — Control Panel	1
	. 144	4193	Bulb — Headlight	2	191	- 5163	Decal — 1054	2
	145	4126	Lens — Headlight	2	192 ·	4410	Decal — Wheel Horse Emblem	1
<u>.</u> :	146	4189	"O" Ring Gasket — Headlight	2	193	4581	Decal — Steering Wheel Insert	1.
	148	4194	Wire Ass'y. — Headlight	2	195	5274	Knob Switch Hondlight	
	149	915003-6	Nut — Nylok 7/6-20	2	175	32,4	Knob — Switch Headlight	774
	÷		2-1/ 110-40	-				



HYDRAULIC UNIT

DESCRIPTION

The Hydraulic Unit system built into your tractor is designed to give you hydraulic power for your attachments with fingertip control. This unit is a completely self-contained hydraulic gear pump, directional control valve and oil reservoir; with a companion hydraulic cylinder and hoses connecting the power unit with the cylinder. The unit has a built-in safety valve to eliminate overloading of the hydraulic system and tractor attachments.

SERVICING PUMP

You must ADD OIL before starting engine to avoid damage to pump. Remove filler plug and fill to top of hole with fluid. NOTE: Filler plug is mounted off the vertical center line of the unit. This is to prevent over filling. An air space must be left in the top of tank, so no attempt should be made to completely fill reservoir. USE ONLY WHEEL HORSE OIL (Number 4822). Replace plug and tighten.

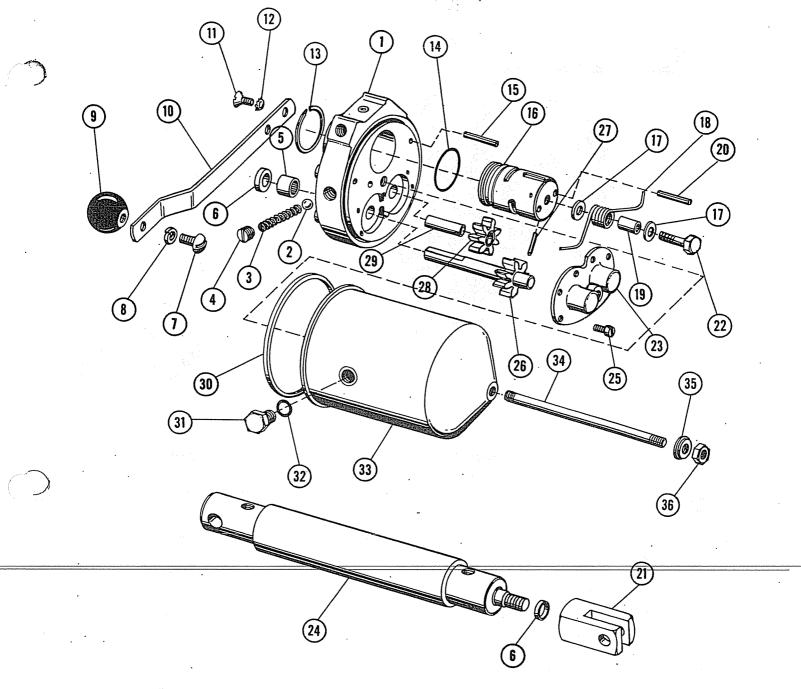
OPERATION

To raise tractor attachments, pull handle toward you, upon release of handle it will return to the center or neutral position. A slightly sluggish action of the control lever returning to neutral may exist during the break-in period. A few hours of running time will eliminate this. After running unit a short time, check all fittings for fluid leaks.

IMPORTANT — Never run unit without fluid or warranty will be voided. If unit is taken apart for service make sure all parts are clean before assembling unit. After service it is advisable to install new fluid. When raising or lowering attachments, after unit is either up or down, make sure handle is in neutral. Never hold open as this will cause harm to unit over a period of time.

TROUBLE SHOOTING CHART

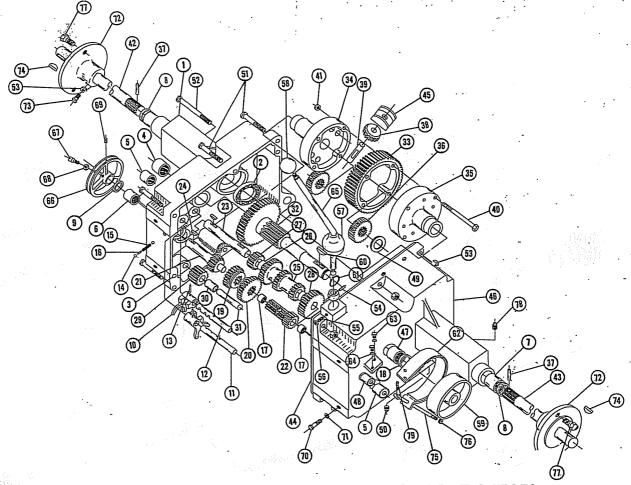
Trouble	Probable Cause	Remedy		
Slow action with	Belt slipping .	Tighten Belt		
tractor engine at	Improper type of oil	Replace Oil		
operating speed	Low Oil Supply	Fill oil to proper level		
	Air lock	Loosen allen screw on top and operate to release air		
	Slow engine RPM	Speed engine		
Attachment not	Oil leak in system	Check all connections		
holding in raised	Improper type of oil	Use Wheel Horse (4822)		
position	Oil leak at seals	Replace		
Excessive noise	Insufficient oil	Fill with proper oil		
or chattering	Unit run at too high a RPM	Reduce shaft speed to rec- ommended speed as originally equipped		
	Improper oil	Drain and refill system with correct oil (4822)		
Excessive Heating	Restriction in the system such as kinked or pinched lines	Replace defective hoses. Straighten kinked hoses and check fittings for obstruction		
	Insufficient oil	Fill with 4822 to proper level		
Unit does not	Low Oil	Check and fill		
operate .	"O" Rings worn in pump and cylinder	Replace with new "O" Rings		
	Pulley loose on pump	Tighten		



1054 HYDRAULIC UNIT PARTS LIST

When ordering parts always list Part No. and name of part.

Ref. No.	Part No.	Description	No. Req'd.	Ref. No.	Part No.	Description	No. Reg'd.
1	5258	Body	1	19	5262	Spring Sleeve	1
2	4831	₹ Relief Ball	1	20	933173	Roll Pin 32 x 11/4	2
3	4832	Spring — Relief	1	21	4156	Clevis	1
4	4833	Plug	1	22	5263	Bolt — Hex 1/2-18 x 1/2 Nylok	i
5	5259	Bearing — Needle	1	23	4838	Cover	1
· 6	1447	Shaft Seal	2	24	5249	Cylinder Ass'y.	l i
7.	909084-4	Screw 3/8-16 x 3/4	1	25	5264	Screw — Fill. Hd. 10-32 x 1/4 Sems	6
8	920083-4	Lockwasher 3/8 Dia.	7	26	4841	Drive Shaft Ass'y.	i
9	1001	Knob	1	27	933169	Roll Pin 1/32 x 7/8	2
10	4153	Handle "	1	28	5265	Gear & Bearing Ass'y.	1 7
11	908817-4	Screw Flat Hd. 1/4-20 x 3/8	2	29	5266	Idler Shaft	l i
12	920081-4	Lockwasher - Shake Proof 1/4 Dia.	2	30	4842	Gasket	l i
13	1449	Spirolox Snap Ring	1	31	908203-4	Bolt — Hex 1/2-20 x 1/2	;
14	1455	"O" Ring	1	32	4188	Washer	;
15	933192	Roll Pin 3/6 x 11/2	2	33	4157	Reservoir	l i
16	5260	Spool Valve	1	34	4187	Stud	l i
17	920008-4	Washer	2	35	1453	Washer	l i
18	5261	Spring — Return]]	36	915236-4	Nut — Hex 3/8-16 Jam	l i



5047 TRANSMISSION PARTS LIST (1054 TRACTOR)

When ordering parts always list Part No. and name of part.

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No Req
1	4160	Case — Transmission — R.H.	7	41	1022	Nut — Hex Lock 3/8-16	4
2	1533	Bearing — Ball	2	42	2824	. Axle — Rear R.H.	1
3	3915	Pin — Locating	2	43	2825	Axle — Rear L.H.	1
	at. 1532	Bearing — Needle	1	44	3912	Gasket	1
5	1529	Bearing — Needle	2	45	2826	Block — Differential	2
6	1508	Bearing - Needle	1 1	46	4161	Case — Transmission L.H.	1
7	1526	Bearing - Needle	2	47	1530	Bearing - Needle	1
8	1213	Seal — Oil 11/8 I.D.	2	48	1531	Bearing - Needle	1
9	1303	Seal — Oil 3/4 I.D.	1	49	2828	Washer — Thrust	.2
10	3503	Fork — Shift	2	50	943420-4	Plug 3/8 Pipe Sq. Hd.	- 1
11	3515	Rail — Front Shift	1	51	908038-4	Bolt - Hex 3/4-16 x 2	5
12	5172	Rail — Rear Shift	1	52	908043-4	Bolt — Hex 3/8-16 x 31/2	1
13	933156	Roll Pin-1/8 x I	2	53	91.5113-6	Nut - Nylok 3/8-16	10
14	3517	Ball — Stop	2	54	933168	Roll Pin 3/2 x 13/16	1
15	3518	Spring — Stop	1 1	55	909854-6	Set Screw Nylok 1/4-20 x 3/4	
16	3573	Shift Pin — Stop	1	56	915111-6	Nut - Hex 1/4-20 Nylok	1 1
17	1518	Bearing — Needle	2	57	3577	Boot - Shift Lever	· ·
18	1232	Seal — Brake Shaft	1 7	58	2709	Knob → Shift	;
19	5173	Gear (Hi & Inter.)	i	59	3902	Drum — Brake	1 1
20	5174	Gear (Low & Reverse)	li	60	937022	Key #15 Woodruff	1 ;
21	5174 5176	Shaft — Input		61	S-50-100	Snap Ring 1" Shaft	l i
22	5175 5175	Pinion Gear & Spline		62	4437	Band — Brake	1
23	3910	Shaft — Cluster	. 1	63	908002-4	Bolt — Hex 1/4-20 x 5/8	
24	937014		3	64	920081-4	Lock Washer 1/4 Dia.	
		Key #9 Woodruff	3		4483	Ass'y. Shift Stick	
25	3525	Gear — Cluster		65 66	2707	Pulley	
26	1504	Bushing — Bronze	2	67	909543-4	Set Screw Sq. Hd. 16-18 x 1/8	
27	3528	Pinion— Cluster Shaft Reduction	!		915235-4	Ser Screw Sq. nd. 716-16 X 78	네.
28	3527	Gear — Cluster Shaft Reduction.	!	68	909862-6	Nut — Jam 5/-18	- 1 .
29	4204	Gear — Reverse Idler	!	69		Set Screw 16-18 x 16 Nylok	
30 7	1516	Bushing — Bronze	1 1	70	908034-4	Bolt — Hex 3/4-16 x 1	_
31	3909	Pin — Reverse Idler	<u>!</u>	71	920083-4	Lock Washer 3/8 Dia.	
32	4166	Gear — Brake Shaft	1	72	1488	Hub - Rear Wheel	· :
33	2821	Gear — Ring	. 1	73	909554-4	Set Screw Sq. Hd. 3/8-16 x 1	1:
34	2822	Case — Differential — R.H.	1	74	937046	Key #RX Woodruff	
35	2823	Case — Differential — L.H.	1 1	· 75	3935	Rod — Brake	l i
36	2820	Gear — Axle	2	76	915605-4	. Nut 3/8-16 Elastic Stop	[]
37 -	933217	Roll Pin 1/4 x 11/2	2	<i>77</i>	1487	Lug — Bolt	- 1
38	2819	Gear — Differential Pinion	2	78	943460-4	Plug ¼ Pipe	
39	2827	Shaft Differential	1	79	S-52-3	Hair Pin	1
40	908044-4	Bolt Hex 3/6-16 x 4	4		1	 * Property of the second of the	1