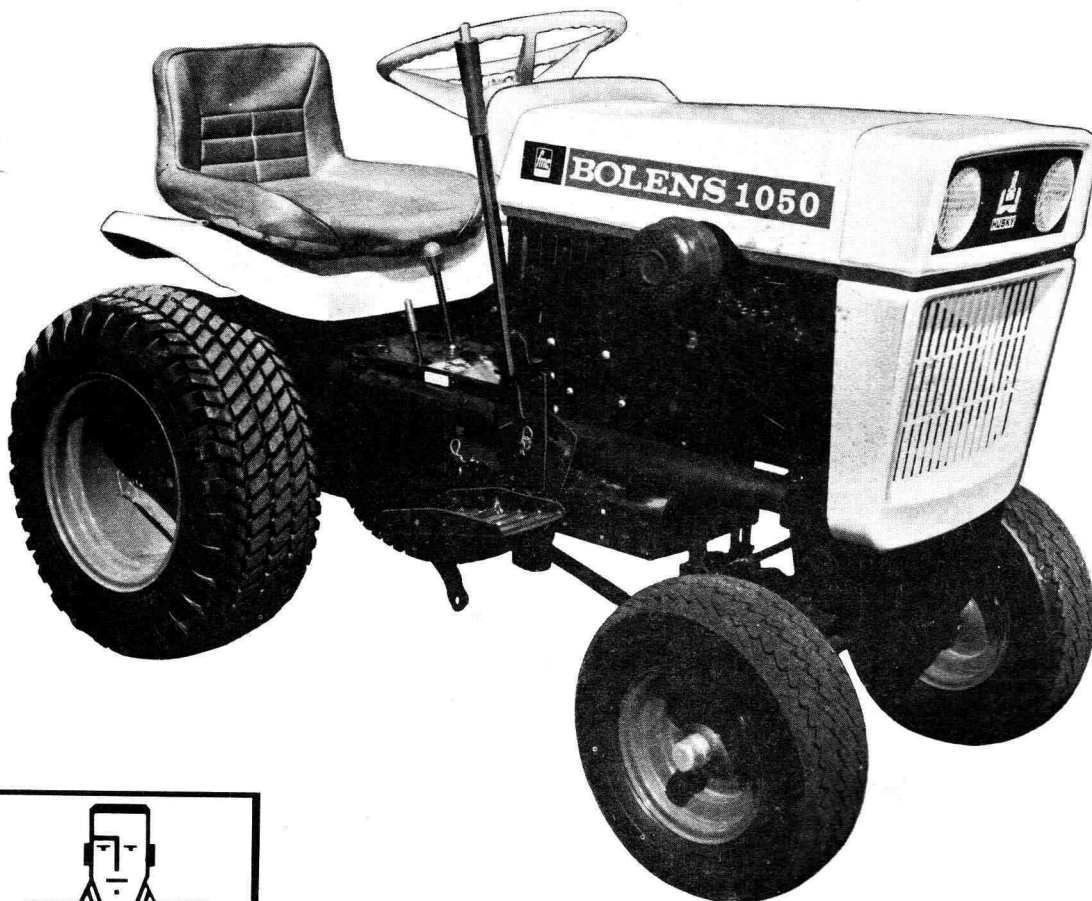


**owner operation
and
maintenance
manual**

HUSKY TRACTOR

"TEN-FIFTY"

MODEL 192-02



BOLENS

PORT WASHINGTON, WISCONSIN, U.S.A.

SAFE OPERATING PRACTICES

Serious accidents can be prevented. Every operator should approach the following safety practices with serious intentions of conforming to them. An accident prevention program can be successful only with wholehearted co-operation.

1. Never allow children, teenagers, or inexperienced adults to operate tractor without supervision.
2. Never fill gas tank while engine is running. Allow several minutes for engine to cool, and avoid spilling gasoline on the engine.
3. Never smoke when refueling, or allow others to smoke close by.
4. Keep fuel containers in locked storage to prevent children from playing and tampering with them.
5. Place transmission gear shift in "neutral", lock parking brake, and "stop" engine whenever vehicle is to be left unattended.
6. Be sure you know how to stop unit and shut off attachments at a moments notice.
7. Do not mount or leave vehicle while it is in motion or in actual operation.
8. Do not carry passengers.
9. Never attempt to adjust or repair tractor while it is moving or with engine running.
10. Be sure to remove or block attachment when servicing tractor.
11. Study your manual. Know your tractor before operating it. Take time to operate the unit in the safest manner.
12. Always disconnect ground (-) battery cable from battery before doing any work on the electrical system.
13. Keep tractor and attachments free of excessive grease and oil.
14. Keep your engine free from accumulations of grass, leaves, excessive grease, etc. An accumulation of these combustible materials may result in a fire.
15. Do not start or operate vehicle in an enclosed area unless steps have been taken for sufficient ventilation.
16. Study your manual. Know your tractor before operating it.
17. Give complete and undivided attention to the job at hand. BE ALERT! !

INTRODUCTION

Back in 1919 Bolens engineered, manufactured and introduced the first garden tractor . . . your new HUSKY represents years of research, engineering and manufacturing know-how. It's the finest HUSKY ever built. The information and suggestions contained in this manual can help you enjoy efficient, trouble free performance and to know the advantages and features built into your HUSKY.

Your Bolens dealer has been carefully chosen, well trained and equipped to inspect and service your equipment for top performance through all the years you use it. Take your HUSKY to him at regular intervals (see maintenance guide on page 6) for inspection and servicing.

Thank you for choosing the HUSKY tractor. Our continued interest will be to increase your satisfaction in Bolens products.

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TO THE OWNER

This is an operational and general maintenance manual only and does not cover major repair. All major repair work must be performed by an authorized BOLENS DEALER or the factory warranty is void. Bolens equipment is engineered to give performance if properly operated and maintained. Keep your equipment clean and lubricate it as prescribed in this manual. Periodically inspect your unit and perform any upkeep maintenance necessary.

Your dealer is obligated by the factory to completely assemble and service new equipment prior to delivery, and thoroughly explain and demonstrate its operation. He will repair or replace any parts which fail due to defective material and/or workmanship during the warranty period, and also provide future repair service and supply genuine factory repair parts.

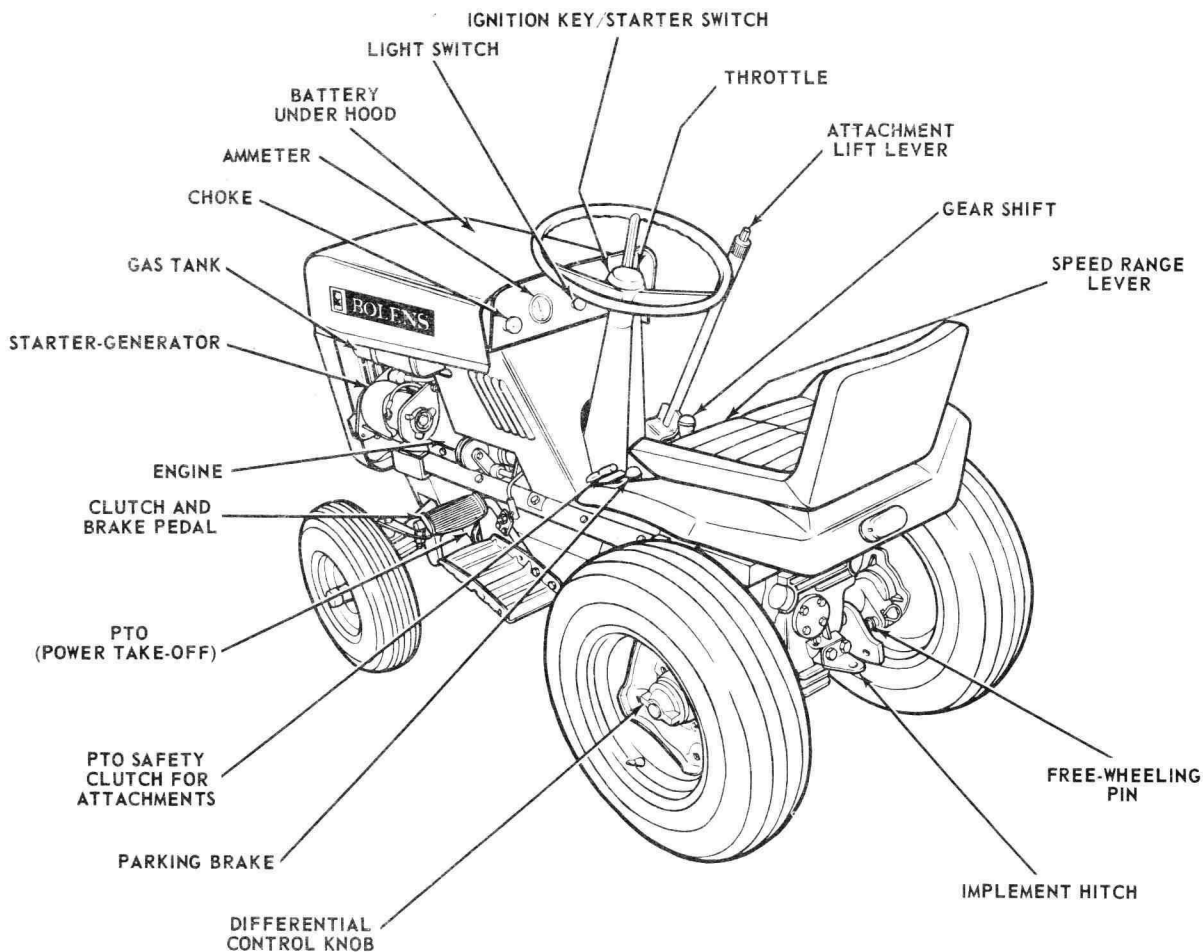


Figure 1

SERIAL NUMBER

To ensure prompt service when repairs or adjustments are required, your Bolens Dealer must have the following information:

1. Model number of unit.
2. Serial number of unit.
3. Model number of engine.
4. Serial and Spec. number of engine.

Your Bolens dealer has available a master Parts List for your unit. He can identify any parts you

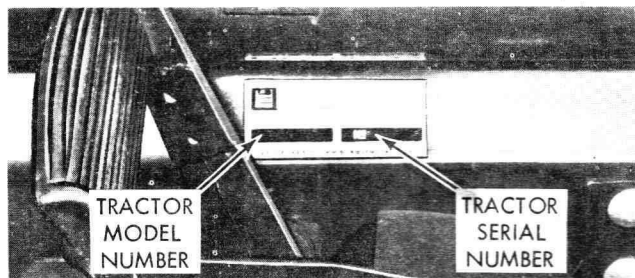


Figure 2

may require and furnish genuine factory replacements.

When ordering engine component parts, consult the Engine Manufacturer's Manual.

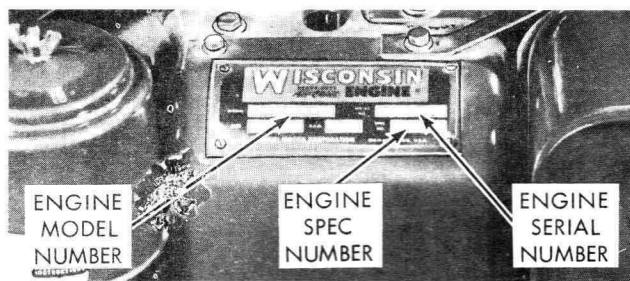


Figure 3

For your own personal reference, fill in the spaces provided below.

Model Number of Unit _____
 Serial Number of Unit _____
 Engine Model Number _____
 Engine Serial Number _____
 Engine Spec. Number _____

SPECIFICATIONS

| | |
|---|--|
| Engine | Wisconsin, electric starting, 10 HP @3800 RPM |
| Type | 4 cycle - single cylinder - air cooled |
| Fuel capacity | 5 quarts |
| Oil capacity | 2 pints |
| Air cleaner | Heavy duty dry type (See Engine Manual) |
| Drive | Geared transmission and controlled differential (Transaxle) |
| Speed | 3 forward and 1 reverse in two ranges for a total of 6 forward and 2 reverse. Lowest speed: less than 3/4 mph. Highest speed: 6 mph. |
| Power to attachments | Farm tractor type (PTO) direct drive with universal joints and splined shaft. |
| Tires | Extra-wide terra-tires. Front: 16 x 6.50-8. Rear: 8 x 8.50-12. With lawn and garden tread. |
| Height | 40 inches |
| Width | 34 inches |
| Length | 63 inches |
| Wheelbase | 43 inches |
| Turning radius | 40 inches |
| Ground clearance | 7 inches |
| Shipping weight | 645 pounds |
| Standard equipment | PTO assembly, controlled differential, two speed ranges, tool box, fenders and seat cushion. |
| Location of tractor model and serial number | On tractor frame by clutch-brake pedal. |
| Location of engine model and serial number | Wisconsin Engine, top front of engine |

BREAK-IN PERIOD

As with a new car your new tractor should receive special attention. In the first few hours of operation it is best to vary the engine speed between 3/4 and full throttle. . . avoid full-throttle driving, quick starts and stops until you've become well acquainted with your tractor. **IMPORTANT: THE TRACTOR IS SHIPPED FROM THE FACTORY WITHOUT OIL IN THE ENGINE CRANKCASE. SEE LUBRICATION GUIDE, PAGE 5 AND ENCLOSED ENGINE FOLDER, FOR PROPER GRADE OIL AND QUANTITY TO BE USED.**

For your satisfaction:

Both the tractor and engine have been fully tested by the factory and your dealer prior to its delivery. However, so that you may become familiar with your unit before operating it, **READ THIS MANUAL** carefully. . . if you have any questions that are not answered in the manual, ask your dealer.

INSTRUMENTS AND CONTROLS

For efficient operation of the tractor, study the accompanying illustrations (Figure 4), together with the

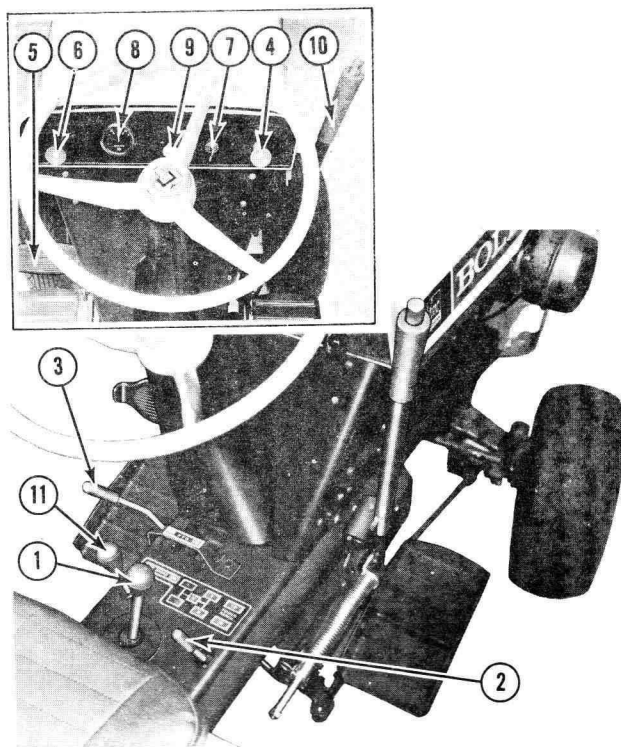


Figure 4

brief descriptions given here, until you are thoroughly familiar with the location and function of each control.

1. GEAR SHIFT LEVER - 3 speeds ahead, 1 in reverse. See instructions on page 8.
2. TWO SPEED RANGE LEVER - Provides a total of 6 speeds ahead, 2 in reverse from less than 3/4 mph to 6 mph. See instructions on page 8.
3. PTO (POWER TAKE OFF) CLUTCH - Always be sure to lock lever in slots provided when P.T.O. is engaged or disengaged.
4. THROTTLE - Turn knob counterclockwise to unlock. Pull out to increase engine speed, push in to decrease. Turn knob clockwise to lock at desired RPM.

NOTE

Do not operate tractor below half throttle for prolonged periods of time under load.

5. CLUTCH-BRAKE PEDAL - To shift gears, depress clutch pedal fully. This disengages the clutch, and fully applies brake. Relax brake tension slightly, and shift gears.

CAUTION

Never allow gears to clash while shifting. Hasty shifting will result in gear grinding and premature gear failure.

6. **CHOKE** - When starting engine, pull knob out to close the choke, pushing knob gradually in as engine warms up. A warm engine requires less choke when starting.

7. **IGNITION KEY - STARTING SWITCH** - Insert key and turn clockwise to energize the ignition circuit. Turn key slightly past the "Ignition On" point, against spring tension, to actuate the starter. See instructions on pages 5 and 6.

8. **AMMETER** - Indicates level of charge or discharge to or from the battery.

9. **LIGHT SWITCH** - Pull knob out to turn lights on, push in to turn them off. Dual light kit optional.

NOTE

Ignition key must be turned on for lights to work.

10. **ATTACHMENT LIFT LEVER** - Push down thumb button to unlock before adjusting height of attachments. Six (6) positions available.

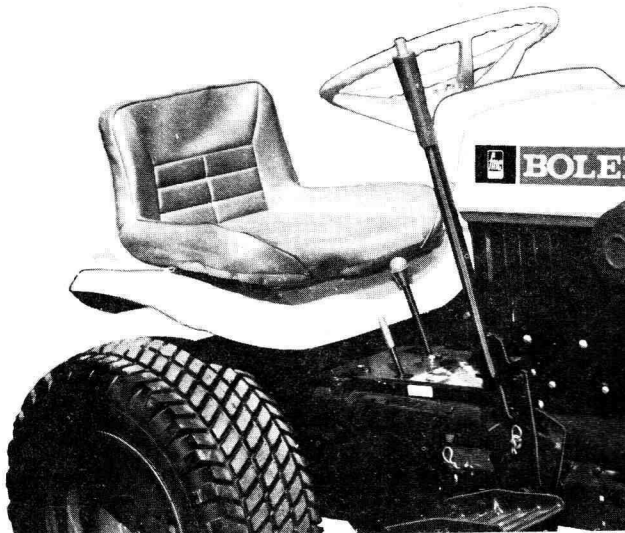


Figure 5

11. **PARKING BRAKE** - To apply parking brake, pull knob up and move it to the right. To release, pull knob up and move it to the left.

PRE-OPERATIONAL CHECKS

The operator should become familiar with the following pre-operational check list prior to starting or operating the HUSKY.

1. Check for proper level of engine oil. See Engine Manufacturer's Manual.

2. Refer to battery manufacturer's recommendations for.

A. Proper water level.

B. Clean cables.

C. Clean terminals.

3. Check gasoline tank for sufficient gas supply.

4. Check that air cleaner screen is free of debris. Check and clean regularly.

5. Clean flywheel screen. Check and clean regularly.

6. Visually check for loose nuts, screws, and electrical wiring.

7. Check for 8 lbs. tire inflation. **TIRE INFLATION SHOULD NOT BE LESS THAN 8 LBS.**

STARTING THE ENGINE

IMPORTANT: READ THE SEPARATE, ENCLOSED ENGINE FOLDER TO BECOME ACQUAINTED WITH ITS OPERATION AND MAINTENANCE REQUIREMENTS.

ELECTRIC STARTING

1. Check PTO safety clutch (should be in OFF position) and gear shift (should be in NEUTRAL).

2. Pull choke knob all the way out (to fully close choke). Experience will indicate need for more or less choking due to variations in temperature, grade of fuel, etc.

3. Turn throttle knob counterclockwise to unlock if necessary. Pull throttle knob out about half-way until after engine has started, then adjust to desired RPM and lock at this setting, if desired, by turning knob clockwise.

4. Insert ignition key and turn clockwise, against spring tension, to actuate starter. Release key when engine starts.

5. Choke should be partially opened (knob pushed forward) as soon as engine starts and then gradually pushed all the way forward as the engine warms up. In normal operation, choke knob should be in OPEN (forward) position for best engine efficiency and fuel economy.

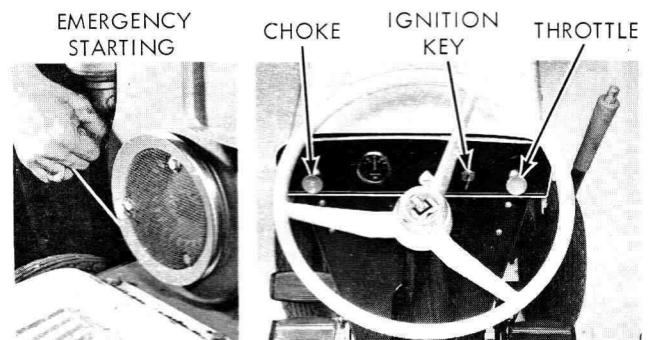


Figure 6

6. To stop engine, turn key OFF (counterclockwise) and place gear shift lever in NEUTRAL, setting brake if necessary. Remove ignition key when tractor is not in use.

EMERGENCY STARTING

In the event of electrical failure, remove the generator belt and proceed as follows:

1. Check PTO safety clutch (should be in OFF position) and gear shift (should be in NEUTRAL). Turn ignition key clockwise.

2. Pull choke knob all the way out (to fully close choke). Experience will indicate need for more or less choking due to variations in temperature, grade of fuel, etc.

3. Turn throttle knob counterclockwise, if necessary, to unlock it. Pull throttle knob out about half-way until after engine has started, then adjust to desired RPM and lock at this setting, if desired, by turning knob clockwise.

4. Wind the starter rope around the starter pulley. Give a quick, steady pull on starter rope. Repeat, if necessary, until engine starts.

5. Choke should be partially opened (knob pushed forward) as soon as engine starts and then gradually pushed all the way forward as the engine warms up. In normal operation, choke knob should be in OPEN (forward) position for best engine efficiency and fuel economy.

6. To stop engine, turn key OFF (counterclockwise) and place gear shift lever in NEUTRAL, setting brake if necessary. Remove ignition key when tractor is not in use.

7. If engine fails to start, recharge or replace battery.

STOPPING THE ENGINE

1. If the engine has been operating under a heavy load and is hot, do not stop it suddenly. Allow the engine to idle for approximately three to five minutes. This will reduce the engine temperature more quickly and evenly than stopping the engine.

2. Turn ignition switch off.

RUN-IN PERIOD

Before operating the tractor at full load, it should be operated at one-half throttle for approximately one-half hour with no load applied. After the first half hour of operation, run the tractor at full throttle with no load applied for an additional one-half hour.

Attach a light load to the tractor. Operate the tractor with light load for a period of three hours at full throttle. The tractor is now ready for maximum load operation.

NOTE

Always operate the tractor at full throttle when heavy and light work loads are applied. Use gear ratios to obtain safe and desirable ground speeds. The governor will control for any increase or decrease in power requirement.

PREVENTATIVE MAINTENANCE

Operational maintenance and preventative maintenance are synonymous. When neglected, unnecessary down time and costly repairs can result. A little time spent each day by the operator on preventative maintenance will lead to longer operating life of the HUSKY.

The removal of debris, dirt and grease accumulations are considered normal maintenance practices and can help discover minor difficulties before they become troublesome.

BATTERY (Fig. 7) - Keep cables and terminals clean and apply a light coat of vaseline or oil for protection. Check battery bracket for corrosion and keep clean. Check water for proper level. Never loosen hold down clamps until you have removed battery cables from the battery post. Always remove ground (-) cable first.

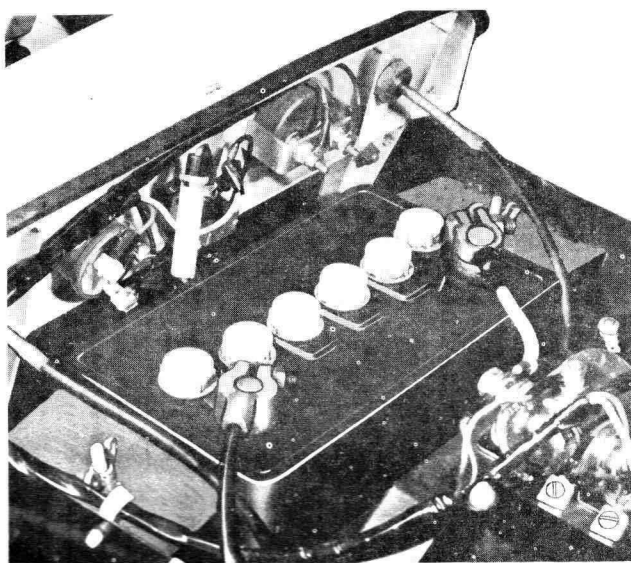


Figure 7

FUEL TANK (Fig. 8) - Fill with clean, fresh gasoline of regular grade. DO NOT MIX OIL WITH GASOLINE! Check to see that vent hole in fuel tank cap is not plugged.

AIR CLEANER (Fig. 9) - Dry Type - Refer to enclosed Engine booklet for instructions.

SPARK PLUG - Clean area around spark plug before removing plug. The correct gap setting is .025 inch.

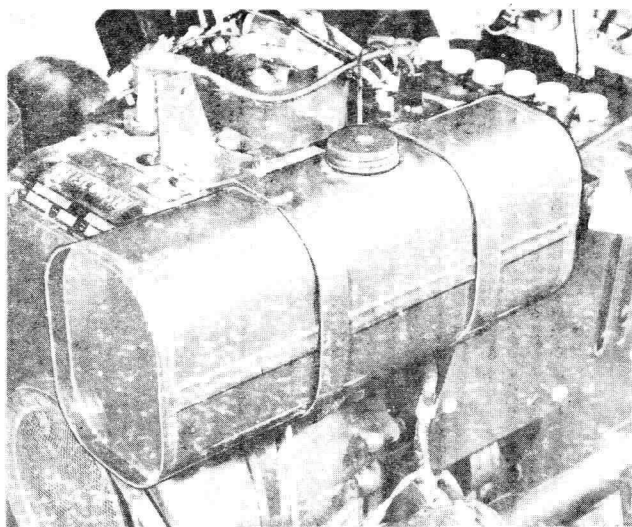


Figure 8

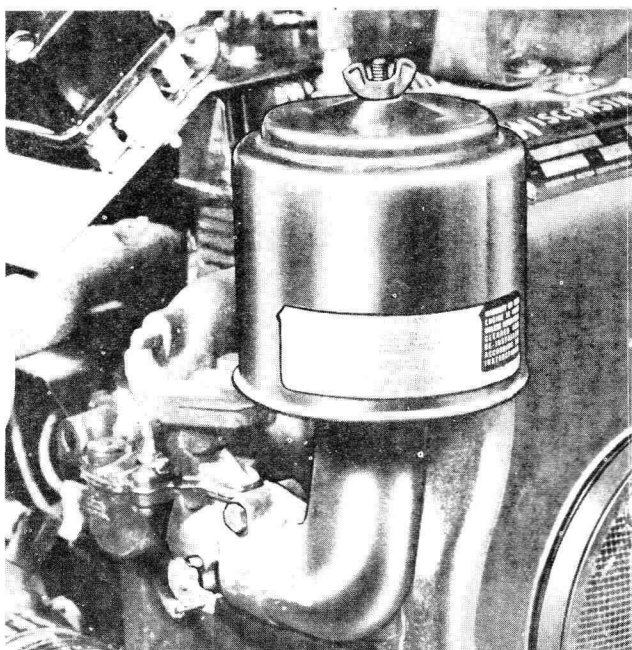


Figure 9

Refer to enclosed Engine booklet for replacement specifications.

PNEUMATIC TIRE PRESSURES - Maintain pressure in tires as recommended here. Ideal pressure will depend upon load carried. Heavier loads require higher inflation. Check pressures with a low pressure gauge having one-pound graduations. Operating with pressures below pressures given here may damage tires.

| TIRE | SIZE | PRESSURE (lbs./sq. in.) |
|-------|-----------|-------------------------|
| FRONT | 16x6.50-8 | 8 PSI |
| REAR | 8x8.50-12 | 8 PSI |

Tire pressure must be the same on one side as the other, or else the tractor will ride unevenly and attachments such as the rotary mower will not cut level. Remember, also, that tire pressure, weight of the operator, or a combination of the two will affect the riding height of the tractor and this, in turn, will affect the cutting height of the rotary mower.

A WISCONSIN ENGINE IS USED WITH YOUR HUSKY 1050. A separate book, prepared by the engine manufacturer, is supplied with your HUSKY tractor, giving detailed instructions on operation, maintenance and repair of the engine. It is important that the engine book be studied thoroughly and its instructions carefully carried out since proper care of the engine is vital to the efficient operation and long life of your HUSKY tractor.

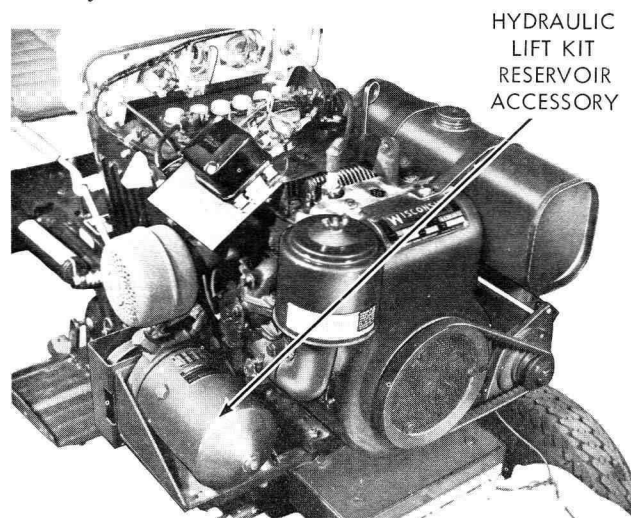


Figure 10

MAINTENANCE GUIDE

| | AFTER EVERY 10 HOURS OF OPERATION | AFTER EVERY 25 HOURS OF OPERATION | AFTER EVERY 50 HOURS OF OPERATION |
|-----------------------------|---|---|---|
| Check battery water level | | X** | |
| Check air in tires (page 5) | | X | |
| Check engine crankcase oil | X** | | |
| Drain engine crankcase oil | | | X |

| | AFTER EVERY 10 HOURS OF OPERATION | AFTER EVERY 25 HOURS OF OPERATION | AFTER EVERY 50 HOURS OF OPERATION |
|--|---|---|---|
| Check SAE-90 gear oil in transmission and add to level of upper filler plug as needed | | X | |
| Check cooling air screen | X | | |
| Lubrication points (see lubrication guide) | X | | |
| Brake adjustment | | | X |
| Rear axle adjustment | | | X |
| Air cleaner - service as instructed in separate Engine manual. | X* | | |
| *More often under extreme dusty conditions **More often under extreme load conditions | | | |

THREE-SPEED TRANSMISSION

The HUSKY 1050 features a 3-speed geared transmission plus a second range to give you a wide choice of operating speeds. To prevent damage to the gears, do not shift gears while the tractor is in motion. Avoid clashing gears when shifting. HIGH speed range is most practical for transport, average mowing or pulling light attachments. LOW speed range is best for heavy jobs such as tilling, plowing, snow casting or mowing tall or lush grass.

The High-Low speed range change lever is located on the transmission cover just to the right of the shift lever. To change range, depress the clutch and move lever (as directed on adjacent instruction plate), move lever forward to place in low range, move lever back to place in high range. Be sure clutch is depressed when changing speed ranges.

| GEAR | LOW SPEED RANGE | HIGH SPEED RANGE |
|------|-----------------|------------------|
| 1st | 3/4 mph* | 2 mph* |
| 2nd | 1-1/4 mph* | 3-1/2 mph* |
| 3rd | 2 mph* | 6 mph* |

*Approximate speed at full throttle adjustment. The speed will decrease in each gear as the throttle is adjusted toward idle. Speeds will also vary depending on road or ground condition and load attached to tractor.

IMPORTANT

ALWAYS START OUT IN THE GEAR IN WHICH YOU INTEND TO DRIVE OR OPERATE. IF YOU WISH TO CHANGE GEARS -- BRING THE TRACTOR TO A FULL STOP.

DO NOT SHIFT GEARS WHILE TRACTOR IS IN MOTION!

CONTROLLED DIFFERENTIAL

By turning the control knob, located on the hub of the left rear wheel as shown in Figure 11, you can vary the degree of differential traction up to nearly straight axle drive. For jobs such as plowing, or snow casting, turn the knob clockwise (as viewed from left side of tractor, facing end of axle) until desired degree of drive to both wheels is obtained. For mowing, or other lighter jobs, be sure to have control knob in standard differential position (that is, turn the control knob counterclockwise until it stops).



Figure 11

This is necessary to avoid gouging or scuffing the tires, which would be caused by having both wheels driving on turns. The differential can be adjusted from the driver's seat.

CAUTION

1. Do not adjust control knob while tractor is in motion.
2. NEVER TIGHTEN WITH A WRENCH!

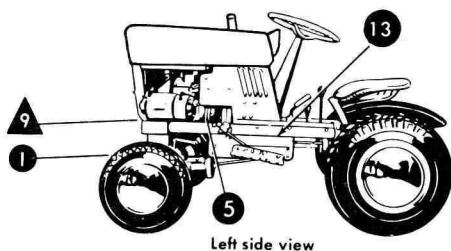


Figure 12

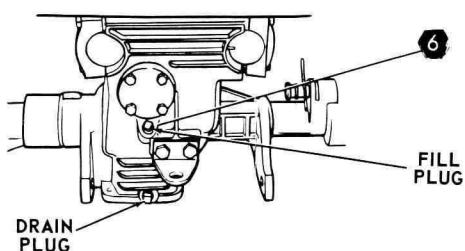


Figure 13

LUBRICATION

Proper lubrication and regular maintenance will increase the operating life of your HUSKY and attachments. Negligence on the part of the operator in regard to lubrication or general maintenance can depreciate the dependability of this rugged, durable vehicle. It is suggested that the lubrication recommendations in this manual be followed. A lubrication schedule prepared by the operator would be beneficial.

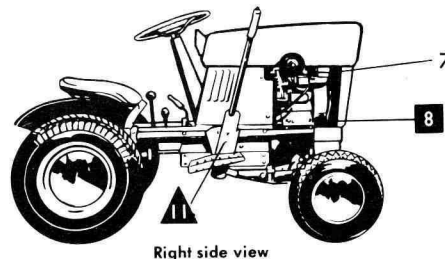


Figure 14

- | | |
|---|---|
| 1. Front wheel grease fitting on outside of wheel hub | 10. Brake linkage. Oil at all bearing points |
| 2. Front wheel spindle | 11. Attachment lift lever |
| 3. Front axle pivot | 12. Clutch - A few drops at rear of clutch plate hub at end of spring |
| 4. PTO Housing | 13. Lower steering shaft - grease below tractor - above steering pinion |
| 5. Idler pulleys (yearly) | (Numbers within each symbol designate lubrication area) |
| 6. Transmission (SAE #90) | |
| 7. Air cleaner (see Engine manual) | |
| 8. Engine crankcase | |
| 9. Hood hinge | |

See separate engine folder for amount and type of oil for various temperatures.

▲ Oil with can ■ Change Oil ● Grease with low pressure or hand gun ● Check gear lube

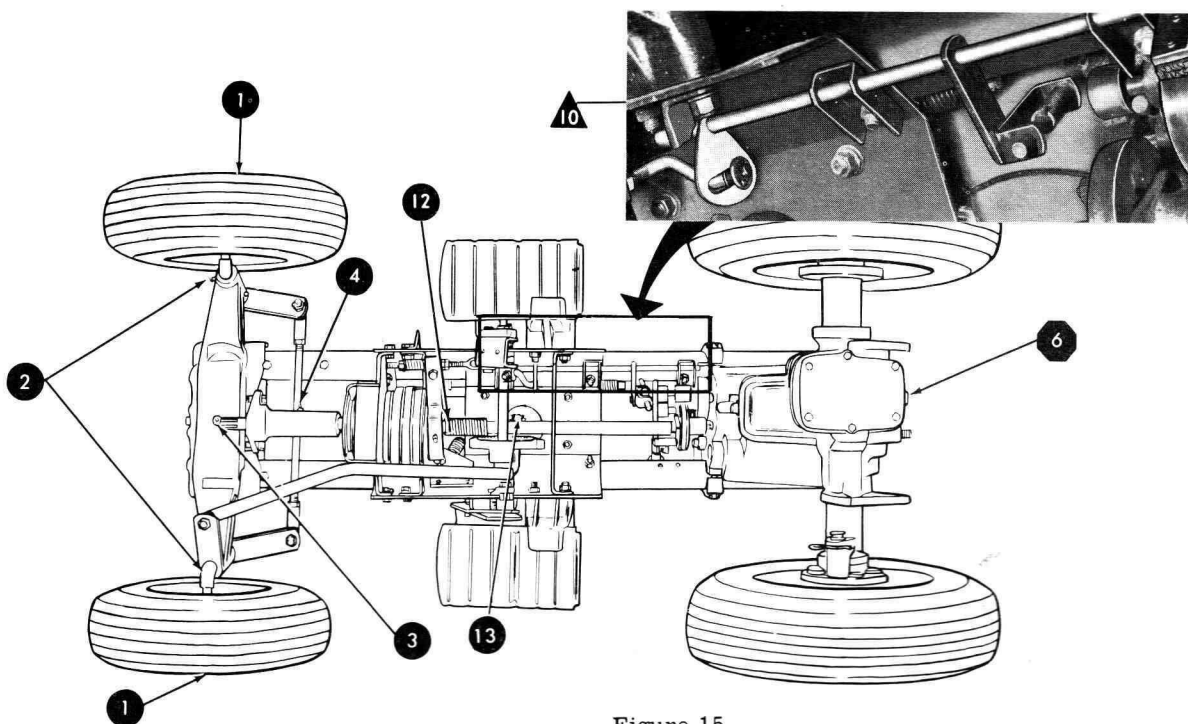


Figure 15

ADJUSTMENTS

BELT ADJUSTMENT AND REPLACEMENT

TO REMOVE PTO BELTS

1. Loosen belt guides from PTO support and remove PTO belts from pulley.
2. Loosen the two capscrews that hold the belt guide to the engine, and remove the guide.
3. Use wire hook to pull the idler pulley away from the belt.
4. Remove the drive belts from the engine pulley.
5. Remove the PTO belt or belts.

To install PTO belts, reverse the above procedure. Be sure all parts removed are replaced in their original position.

TO REMOVE DRIVE BELTS

1. Follow steps 1, 2 and 3 listed previously.
2. Remove nut and washers from front end of the drive shaft. (To keep drive shaft from turning while removing nut, hold it with a wrench across T bar welded to back end of drive shaft.)
3. Remove the four capscrews and washers that hold bearing support to the mounting plate assembly.
4. Remove bearing support by sliding it off front end of drive shaft.
5. Remove drive belts.

To install new belts reverse the above procedure. Be sure belt guides are properly positioned on the engine. Locator on back of belt guide should fit into groove on face of engine.

PTO BELT ADJUSTMENT

The PTO belts can be adjusted by loosening the three capscrews that hold PTO support casting to axle support casting. Raise or lower PTO support casting to proper adjustment.

If belts are properly adjusted (as described above) and still drag, check adjustment of lower belt guide. There should be approximately 1/8" clearance between pulley and belt guide all the way around.

TRANSMISSION DRIVE BELT ADJUSTMENT

The transmission dual drive belts require no adjustment. There is constant belt tension applied at all times.

GENERATOR-STARTER DRIVE BELT ADJUSTMENT

The generator-starter drive belt can be adjusted by loosening the capscrew on the adjustment bracket

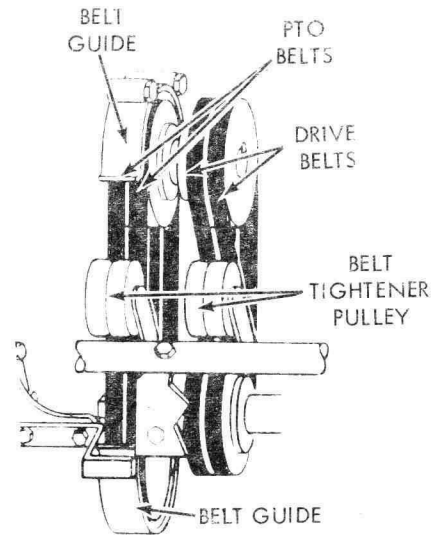


Figure 16

and moving the generator-starter. The belt is properly adjusted when it can be depressed approximately 1/4 inch under slight thumb pressure.

CLUTCH-BRAKE PEDAL

As you familiarize yourself with the tractor, you will notice that when you depress the Clutch-Brake Pedal approximately two-thirds, the clutch is disengaged. This Clutch-Brake Pedal position also serves as a brake to stop the vehicle when in gear. Pedal adjustment is set at the factory and should not require frequent attention unless the linkage has been disturbed. Should clutch slippage become evident or brake shoe lining is worn, see your Bolens dealer.

However, to prevent the vehicle from moving when transmission is in NEUTRAL or when shifting into another gear, particularly on inclines, it is necessary to further depress the Clutch-Brake Pedal to apply the Main Transmission Brake.

The Transmission Brake, being the main brake, must be checked frequently and adjusted as follows:

1. Depress CLUTCH-BRAKE pedal approximately two-thirds (until rear clutch flange has moved back to touch stationary plate). At that time the adjusting rod has moved up to top of brake rod slot. (See Figure 17.)
2. Exert additional pressure on pedal to move brake shoe shown in Figure 17, toward Main Brake drum.
3. Brake shoe must contact drum when CLUTCH-BRAKE pedal is approximately 1" to 1-1/2" from pedal stop on frame. (See Figure 18.)
4. Adjust nuts on adjusting rod to insure adequate brake shoe pressure. (See Figure 17.)

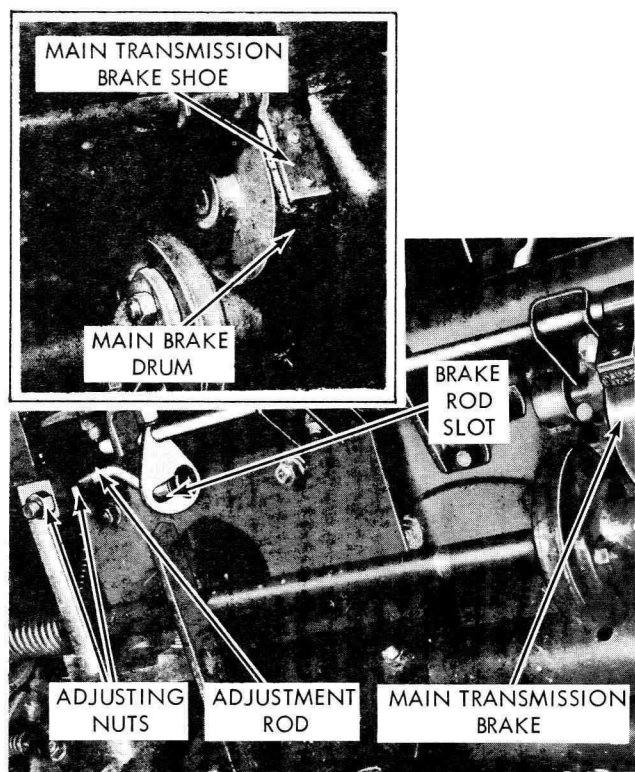


Figure 17

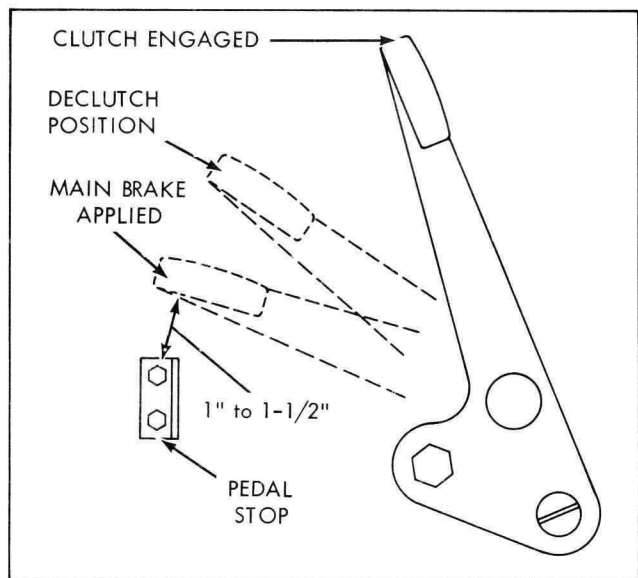


Figure 18

NOTE

REGULARLY LUBRICATE ALL BRAKE LINKAGES TO INSURE FREE ACTION.

PARKING BRAKE

Always apply Parking Brake whenever leaving tractor unattended or on inclines. Do Not operate tractor with Parking Brake on.

Always use Main Brake when shifting on inclines.

SEAT ADJUSTMENT

To adjust seat, remove two nuts from beneath tractor seat and reposition in other holes provided. Replace nuts and tighten to secure seat in new position. Tool box is conveniently located under seat.

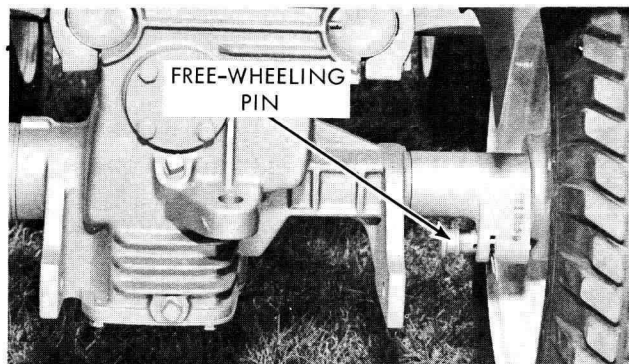


Figure 19

FREE WHEELING

CAUTION

Free wheeling is provided solely for maneuvering tractor by hand on level ground. DO NOT USE FREE WHEELING ON SLOPING GROUND because brake is inoperable when in free wheeling!

Free wheeling pin is located on the inside hub of the right rear wheel. Pull pin out for free wheeling or push pin into socket for normal operation, securing pin in either position with spring cotter provided.

Turn the differential control knob counterclockwise as far as it will go. DO NOT USE A WRENCH. Location of differential control knob is shown in illustration on page 8. "Counterclockwise" is as viewed from left of tractor facing the end of the axle.

NOTE

The controlled differential must be disengaged, as described in the preceding paragraph, in order for tractor to free wheel. DO NOT ATTEMPT TO TOW VEHICLE OVER 3 MPH.

REAR AXLE END PLAY

The rear axle may develop end play which should be corrected. Check approximately every 50 hours of operation and adjust if necessary.

ADJUSTMENT PROCEDURE FOR REAR AXLE END PLAY

With both rear wheels off the ground:

1. Remove cotter pin and loosen R.H. castellated nut several turns.

2. Remove cotter pin from L.H. castle nut (under posi-traction hand wheel), and turn castle nut hand tight. Temporarily install cotter pin and turn wheels to determine if differential gears are binding. Continue this L.H. procedure until a slight binding is detected. At this point back off castle nut to first cotter pin hole and lock castle nut permanently with cotter key. **IMPORTANT:** This L.H. adjustment must be performed first.

3. Then proceed with R.H. castle nut adjustment, to eliminate all end-play. Recheck for excessive binding before locking R.H. castle nut with cotter pin.

NOTE

When making this axle end play adjustment,
DO NOT USE A WRENCH.

POWER TAKE-OFF (P.T.O.)

FAST-SWITCH POWER-LOCK HITCH (NOT BELTS)

Drive shaft delivers power directly from power-take-off (PTO) to attachment—front, rear and center-mounted. Switching powered attachments takes only a few minutes. Slide universal joint over end of splined power-take-off shaft, aligning holes in joint and shaft and secure with special cotter pin, then slide attachment drive and PTO drive shaft universal joint together, slip pins into hitch points and connect attachment lift lever with pin and hitch point. The PTO (power-take-off) drive shaft is located under the front of the tractor frame and is connected to the engine by a drive belt. This assembly has a drive

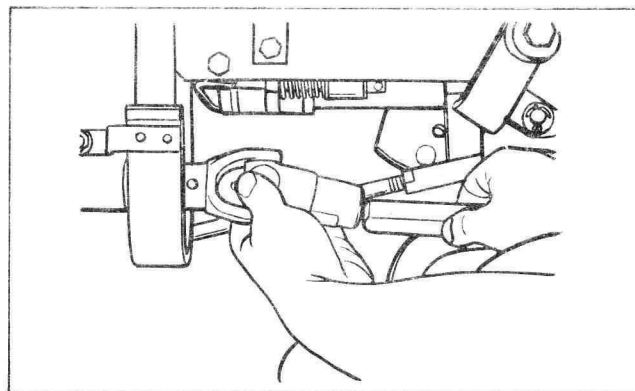


Figure 20

shaft which is splined at both ends so that front, center and rear power attachments can be coupled directly to it. Universal joints on the attachments are equipped with needle-bearings allowing you to raise or lower attachments (with lift lever) while the tractor is under full power.

Your HUSKY Tractor has the fastest attachment switch system in the industry. No belts to adjust. . . no tools needed.

CAUTION

Always remove universal joint from power-take-off shaft when attachments are removed from tractor. If the joint is not removed and the power-take-off is engaged, damage will result from whipping action of the free joint.

MINOR TROUBLE SHOOTING GUIDE

| IF TRACTOR ACTS IN FOLLOWING MANNER: | CHECK FOR POSSIBLE CAUSES | | | | | | | | | |
|--|---------------------------|-------------------|-----------------|---------|------------|-----------------|-----|-------------|-------|------------------------|
| | FAULTY IGNITION | FAULTY SPARK PLUG | EMPTY FUEL TANK | BATTERY | CARBURETOR | IDLE ADJUSTMENT | OIL | AIR CLEANER | CHOKE | SEE YOUR BOLENS DEALER |
| Engine will turn over but won't start | X | X | X | | X | | | | X | X |
| Engine will not turn over | X | | | | | | | | | X |
| Starts only after repeated tries | X | X | | | | | | | | X |
| Stalls in a few seconds | | | | | X | X | | | | X |
| Stalls when hot | | | | | | X | | | | X |
| Idles rough | | | | | | X | | | X | X |
| Engine overheats | | | | | | | X | | | X |
| *Also see enclosed Engine Manual for additional troubleshooting information. | | | | | | | | | | |

STORING YOUR HUSKY TRACTOR

Always keep your HUSKY tractor in a dry, protected place when not in use to prolong its usefulness and appearance. With year 'round use, it is not necessary to "store" the tractor but when it is not to be used for some time, it should be prepared for storage in the following manner:

1. Completely clean all accumulated dirt or trash from all parts of tractor.
2. Wipe oil or a rust preventative on any parts that may be damaged by rust.
3. Drain gas tank and carburetor.
4. Remove spark plug and put a small amount of oil (S.A.E. 30) in cylinder head.
5. Without starting the tractor, crank the engine to fully lubricate the cylinder walls, valve seats and valve stems.
6. Keep tractor covered.
7. Battery - see separate Battery folder.



BOLENS

PORT WASHINGTON, WISCONSIN, U.S.A.

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