
owner operation

and

maintenance

manual

HUSKY TRACTOR

**"775"
HYDROSTATIC**

MODEL 166-01
166-02



BOLENS

PORT WASHINGTON, WISCONSIN, U.S.A.

GENERAL SAFETY PRECAUTIONS

Preventing accidents is the responsibility of every equipment operator. The following general safety precautions must be fully understood and followed by every operator of this tractor and its attachments. Review them frequently and **NEVER TAKE CHANCES. BE CAREFUL BEFORE, DURING AND RIGHT AFTER USE OF ANY POWERED EQUIPMENT. ACCIDENTS CAN BE PREVENTED.**

1. Mount vehicle, place travel pedal in NEUTRAL, and set parking brake prior to starting engine, to prevent unit from being started in gear.
2. Do not mount or leave vehicle while it is in motion or in actual operation, nor leave vehicle unattended while engine is running. Injury to the operator or a tractor run away could occur.
3. Always shut off engine, place travel pedal in NEUTRAL, and set parking brake whenever vehicle is to be left unattended. Lower all attachments to the ground with P.T.O. lever in OFF position when leaving the unit unattended. To prevent injury to children or another person.
4. Attachments must be lowered to the ground when storing tractor. To prevent the attachment from being dropped accidentally and causing injury.
5. Do not tow vehicle over 5 miles per hour, nor with attachments on it. Damage to the vehicle or attachment could occur.
6. When towing or moving the vehicle, place travel pedal in NEUTRAL and place unit in free wheeling to prevent damage to the transmission.
7. Do not carry passengers. The passengers could fall off receiving injuries.
8. Do not start or operate vehicle in an inside area, unless it is well ventilated. Exhaust gasses carry carbon monoxide fumes which are poisonous. They can cause serious illness with side affects or death.
9. Keep tractor and attachments free of excess grease and oil. The unit will operate cooler, be easier to maintain and safer to operate.
10. Engine must be stopped, and P.T.O. disengaged when cleaning, servicing, adjusting, repairing, or installing attachments on tractor. This is necessary to avoid possible injury from moving parts.
11. Always disconnect ground (-) battery cable from battery before doing any work on the electrical system, and reconnect last. In doing this you will avoid the possibility of a short or a fire.
12. Study your manual. Know your tractor before operating it. Take time to operate the unit in the safest manner.
13. Always follow manufacturer's operational suggestions.
14. Do not allow children to operate vehicle at any time. The average child is not mentally capable of coping with the intricacies of operating a power tool.
15. Do not allow adults to operate vehicle without proper instruction including all safety instructions. In doing so you will be sure they know how to operate unit properly and also are aware of all the safety precautions.
16. Do not fill gasoline tank when engine is running or hot. Add gas only outdoors and when engine is cool. **KEEP SMOKERS AWAY FROM UNIT WHILE FUELING. THIS WILL HELP ELIMINATE THE POSSIBILITY OF FIRE AND EXPLOSION FROM SPILLED GASOLINE OR FUMES.**
17. Store fuel in approved tightly closed container out of reach of children. Gasoline is highly flammable and the fumes highly explosive.
18. Never operate tractor with mower, snow caster or any other attachment having moving parts when any child or person is in travel path or discharge area. Children must not be allowed in or near working areas when equipment is being used. Items or objects such as wire, stones, small toys and etc. can be ejected at high velocity out of the discharge chute, possibly injuring bystanders.
19. Study all attachment manuals thoroughly before using attachments with tractor. In so doing you will then be aware of both the tractor's and the attachment's capabilities when used as a unit, also the safest manner in which to operate them.

ENGINE CAUTIONS

1. Check oil level at regular intervals at least after every 10 hours of operation, (See Engine Manual for proper level) oftener under severe operating conditions. Before removing plug for checking clean the area around the plug thoroughly of all dirt and debris. This material could accidently drop into the crankcase and contaminate it causing damage to the engine.

2. Change engine crankcase oil at intervals specified in engine manual, oftener under severe operating conditions. This will help assure proper lubrication to the internal parts of the engine and also keep the level of oil contamination low.

3. Clean engine flywheel screen and cooling fins regularly of dirt and debris. At least once each year or oftener under severe conditions remove engine

cooling shroud and thoroughly clean the above areas of accumulations of dirt and debris remaining after the periodic cleanings. Failure to clean the above areas could cause overheating and/or damage to the engine.

4. Check air cleaner for dirt and debris regularly, daily under severe operating conditions, and clean. (See Engine Manual for proper procedure and interval.) A dirty air cleaner could allow dirt and grit to enter the carburetor and engine through the air intake causing wear. Also a dirty air cleaner can cause overheating and/or damage to the engine.

5. When stopping engine, especially after it has been working hard, let the engine idle for approximately 3 to 5 minutes. This will allow engine to cool down more evenly preventing overheating and/or damage to the engine.

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 carefully engineered to give good 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 first 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.

IN EVENT OF ANY PROBLEM OR PARTS REQUIRED ALWAYS CONTACT YOUR DEALER. DO NOT RETURN PARTS TO THE FACTORY. WE REQUIRE PRIOR FACTORY APPROVAL ON RETURNS, AND APPROVALS ARE ISSUED ONLY TO BOLENS DEALERS OR DISTRIBUTORS.

READ YOUR WARRANTY (YELLOW) STATEMENT AND BE SURE TO MAIL THE POSTPAID WARRANTY REGISTRATION (WHITE) CARD TO THE FACTORY.

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SERIAL NUMBER

To ensure prompt service when repairs or adjustments are required, your Bolens Dealer must have the following information. For your own personal reference, fill in the spaces provided below.

1. Model number of tractor _____
2. Serial number of tractor _____
3. Model number of engine _____
4. Type number of engine _____
5. Code number of engine _____

Your Bolens dealer has available a master Parts List for your tractor. He can identify any parts you may require and furnish genuine factory replacements. When ordering engine component parts, consult the Engine Manufacturer's Manual.

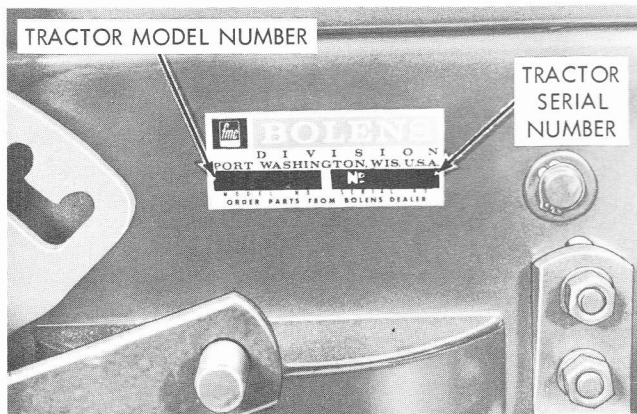


Figure 1. Tractor Serial Number

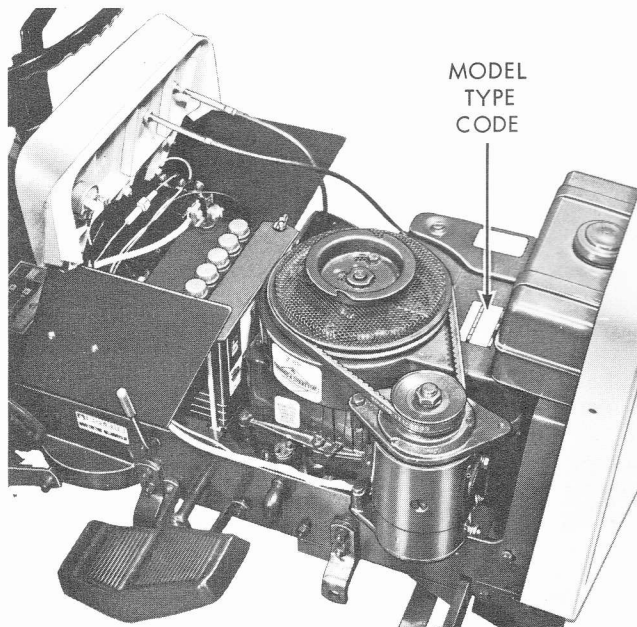


Figure 2. Engine Model, Type, and Code Numbers

SPECIFICATIONS

ENGINE	BRIGGS & STRATTON, 7 HP 3600 R.P.M.
Type	4 cycle, single cylinder, air cooled
Fuel Capacity	4 quarts
Oil Capacity	2-3/4 pints
Air Cleaner	See Engine Manual
Drive	Hydrostatic
Speed (all speeds are approximate)	Infinitely variable from 0 to 5.5 mph
Power to Attachments	Pulley take-off (P.T.O.)
Tires	Front: 5.00-6; rear: 8.00-10
Height	36-1/2 inches (top of steering)
Width	31 inches (outside rear wheels)
Length	58 inches (overall)
Wheelbase	40-1/2 inches
Turning Radius	34 inches
Ground Clearance	5-1/2 inches (bottom of differential plug)
Shipping Weight Standard	445 lbs.
Equipment	P.T.O. assembly and seat cushion
Engine Model, Type, and Code No.	Briggs & Stratton - top of engine shroud
Tractor Model and Serial No.	On tractor frame - right hand side

CONTROLS

For efficient operation of the tractor, study the accompanying illustrations, together with the brief descriptions given here, until you are thoroughly familiar with the location and function of each control.

1. Travel Pedal. Depress with toe of foot for forward motion. Depress with heel of foot for reverse motion. Release the foot pressure and travel pedal with return to neutral. Provides instant braking and speed regulation.
2. Power Take-Off (P.T.O.) Clutch. Forward position places P.T.O. in the engaged position. Rear position disengages P.T.O. Be sure lever is locked in position desired.
3. Throttle. Pull knob out to increase engine speed, push in to decrease. Notched rod will hold throttle at desired engine speed. To change, push or pull.
4. Parking Brake Pedal. By pushing the foot pedal down the parking brake will engage.

CAUTION

DO NOT SET PARKING BRAKE WHILE TRACTOR IS IN MOTION OR SERIOUS DAMAGE TO THE TRANSMISSION COULD RESULT.

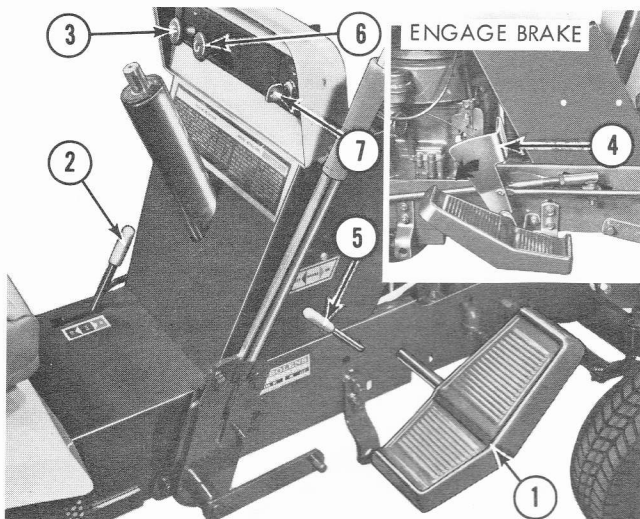


Figure 3. Controls

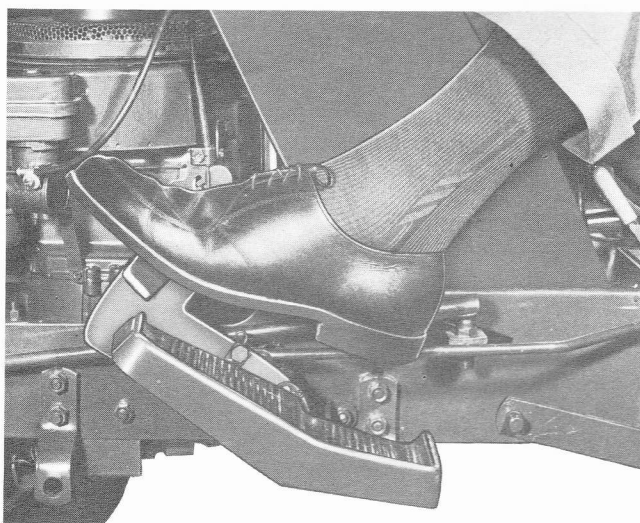


Figure 4. Parking Brake Pedal

5. Parking Brake Lever. Push forward to lock parking brake, after brake has been set with foot pedal.
6. Choke. When starting engine, pull choke knob out to close the choke, pushing knob gradually in as engine warms up. A warm engine requires less choke when starting. (See Figure 3.)
7. Ignition Key. Insert key and turn clockwise to energize ignition circuit. Turn key slightly past the "Ignition on" point, against spring tension, to actuate the starter. Release when tractor starts.

CAUTION

DO NOT ACTUATE ELECTRIC STARTER FOR MORE THAN 30 SECONDS AT ONE TIME. ALLOW AT LEAST TWO MINUTES BETWEEN STARTING ATTEMPTS, FOR STARTER TO COOL AND PREVENT ARMATURE AND/OR COILS FROM BURNING OUT.

8. Attachment Lift Lever. Depress thumb button on handle to raise or lower attachments and lock in any of six positions.

PRE-OPERATIONAL CHECKS

Each operator must become familiar with the following Pre-Operational check list prior to starting or operating the tractor.

1. Thoroughly clean area around engine crankcase oil dipstick, and check for proper level of engine oil. See Engine Manufacturer's Manual.
2. Thoroughly clean area around hydrostatic transmission reservoir dipstick, and check for proper level of transmission fluid. See Lubrication Chart.
3. Check battery for proper water level.
4. Check gasoline tank for sufficient gas supply.
5. Check that air cleaner screen is free of debris. Check and clean regularly. Replace if necessary.
6. Clean engine flywheel screen. Check and clean regularly.
7. Visually check for loose nuts and screws.
8. Check for proper tire inflation: NO LESS THAN 8 LBS. REAR - 12 LBS. FRONT.
9. Do not allow ignition switch to remain in the on position when engine is not running.

BREAK-IN PERIOD

As with a new car, your new tractor should receive special attention. In the first few hours of operation . . . avoid full-throttle, quick starts and stops until you've become well acquainted with your tractor. **IMPORTANT: THE TRACTOR IS SHIPPED FROM THE FACTORY WITHOUT OIL IN CRANKCASE. SEE LUBRICATION CHART, PAGE 8, AND ENCLOSED ENGINE FOLDER. CHECK THE CRANKCASE AND THE HYDROSTATIC TRANSMISSION OIL RESERVOIR FOR PROPER OIL LEVEL BEFORE ATTEMPTING TO START YOUR UNIT. BECOME FAMILIAR WITH THE LOCATION OF EACH CONTROL. BE SURE PARKING BRAKE IS SET.**

FOR BEST RESULTS

Both the tractor and engine have been tested by the factory and your dealer to assure you complete satisfaction. Read this manual carefully . . . if you have any questions that are not answered in the manual, ask your dealer. Keep this manual handy for ready reference. Never force any control.

STARTING THE ENGINE

1. Check P.T.O. clutch (must be in OFF position), travel pedal (must be in NEUTRAL), and set parking brake.

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. Pull throttle knob out about half-way until after engine has started, then adjust to desired R.P.M.

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 moved in) as soon as engine starts and then gradually moved all the way in 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) place travel pedal in NEUTRAL, and set parking brake. Remove ignition key when tractor is not in use.

EMERGENCY STARTING

In case of electrical failure, wind starter rope around starter cup pulley and follow the procedure previously given above in (1), (2) and (3). Give a quick steady pull on starter rope. Repeat if necessary, until engine starts. Then follow item 5 above.

NOTE

Jumper cables may be used, but cables must be connected, Positive (+) to Positive (+) and Negative (-) to Negative (-).

Remove battery and have it fully charged as soon as possible.

After the battery is fully charged, reinstall it in the tractor, being careful to connect ground cable last.

WARNING

IF GENERATOR BELT IS REMOVED, DO NOT ATTEMPT TO REPLACE WHILE THE ENGINE IS RUNNING, OR SERIOUS INJURY COULD RESULT.

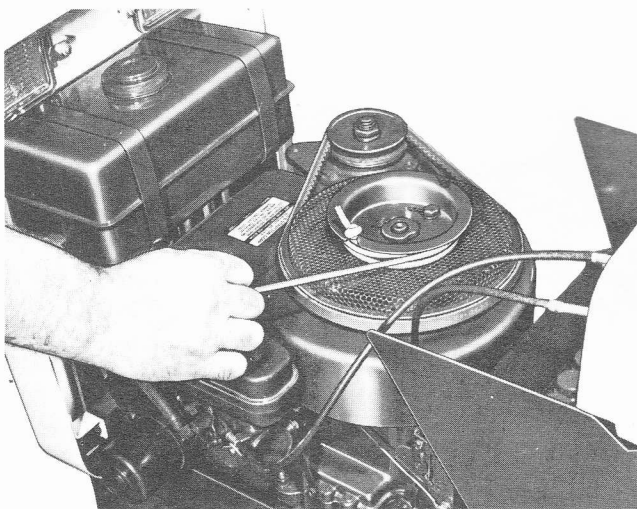


Figure 5. Emergency Starting

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. Turning off a hot engine will damage it. Always idle it as called out above.

2. Turn ignition switch off, and remove key.

OPERATION

The HUSKY 775 features a HYDROSTATIC TRANSMISSION, which gives you control of a full range of speeds forward from 0 to 5.5 miles per hour, plus reverse from 0 to 3.5 miles per hour, through a single control called the TRAVEL PEDAL. Avoid excessive HIGH speed whenever possible. High speeds are most practical for transport or pulling light attachments. For heavy jobs such as snow casting or mowing tall grass, lower speeds are best.

Set the parking brake, and place the TRAVEL PEDAL in neutral or center position. Check P.T.O. lever, it must be in off position. Start the engine, after engine is warmed up set throttle at full speed.

With TRAVEL PEDAL in NEUTRAL, release parking brake. Slowly push TRAVEL PEDAL with toe for forward travel, for reverse slowly push travel pedal with heel. The forward or reverse speed will vary according to the position of the TRAVEL PEDAL.

Engine must be operated at full throttle, except when tractor is not working. When operating under heavy load conditions, listen to the engine R.P.M. as the engine begins to lug down, let up on the TRAVEL PEDAL accordingly, do not advance TRAVEL PEDAL.

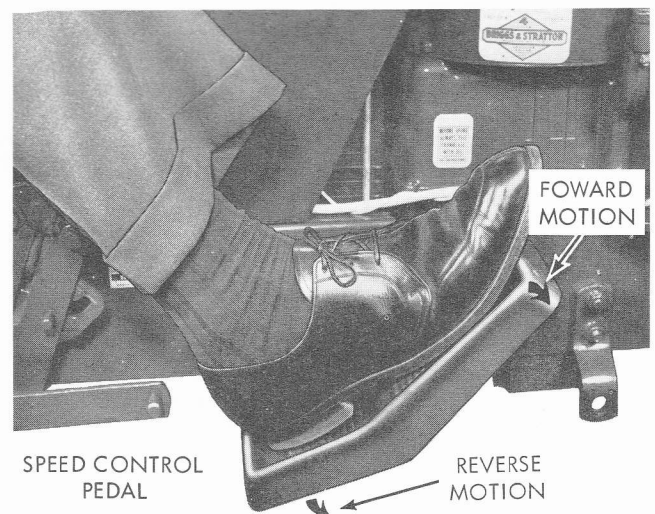


Figure 6. Travel Pedal

By letting up on the TRAVEL PEDAL, the ground speed will decrease and the engine speed will increase, thereby, allowing the engine to maintain constant speed. (See Figure 6.) Prolonged lugging or full travel pedal operation that overloads the engine will raise engine and transmission oil temperatures. If the vehicle has been performing under these heavily loaded conditions, allow it to operate at a lower ground speed (lighter load but at FULL ENGINE SPEED) for a few minutes so that normal operating temperatures will again be established. 160° - 170° F. is the normal operating temperature. These temperatures will feel hot "to the touch".

BRAKING

The TRAVEL PEDAL is used for dynamic braking. To slow down or stop the tractor when it is in forward motion, gradually apply pressure to the TRAVEL PEDAL with heel of foot until tractor comes to a full stop. To slow down or stop the tractor when it is in reverse motion, gradually apply pressure to the TRAVEL PEDAL with toe of foot until tractor comes to a full stop.

IMPORTANT

OPERATOR MUST KEEP FOOT ON THE TRAVEL PEDAL AT ALL TIMES, WHILE OPERATING TRACTOR, FOR MAXIMUM CONTROL.

The P.T.O. and hydrostatic transmission are separate systems, therefore, the P.T.O. can be engaged or disengaged as desired by the operator.

PREVENTIVE MAINTENANCE

HYDROSTATIC TRANSMISSION

Clean transmission cooling fins and screen guard protecting the cooling fan as required preferably with an air hose. If tractor is being operated in a dusty environment clean cooling fins and screen at more frequent intervals. (See Figure 7.) Consult your BOLENS DEALER for transmission maintenance.

The oil level of the transmission should be checked after every 25 hours of operation, check only when transmission is cold. Oil level is to be maintained on the full mark of indicator or dipstick. If it is necessary to add oil, only Bolens Hydraulic Oil #171-9650 should be used.

It is recommended that the oil in the reservoir be changed once a year. If tractor is used continuously, in dusty environment, it is recommended the oil in the reservoir be changed once a month. The interior of the reservoir should be cleaned before adding clean oil.

Remove oil inlet line at the reservoir end only and plug line with 1/4" diameter bolt or screw. This is done to eliminate oil loss from the transmission.

Remove reservoir from tractor - clean and dry thoroughly. Assemble onto tractor and add oil to full mark on indicator on dipstick. Use Bolens #171-9650 Hydraulic Oil.

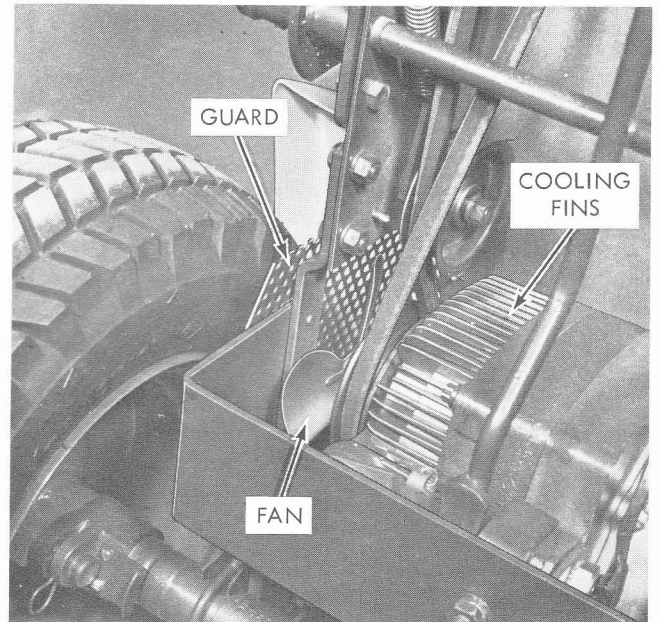


Figure 7. Transmission Cooling Fins and Fan Guard

IMPORTANT

Always watch for oil leaks. Low level or inadequate oil will result in permanent damage to hydraulic system.

ENGINE

A separate book, prepared by the engine manufacturer, is supplied with your HUSKY tractor, giving detailed instruction on operation and maintenance of the engine. It is recommended 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.

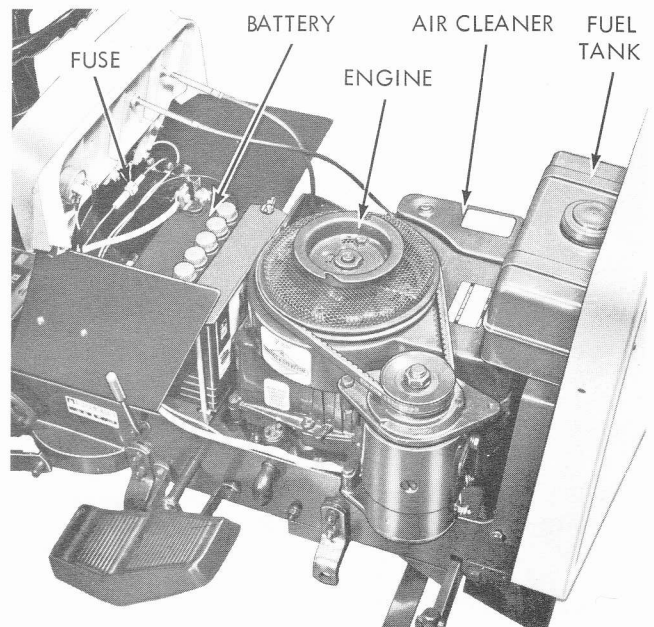


Figure 8. Engine Parts and Accessories

BATTERY

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 level of battery water.

CAUTION

WHEN REINSTALLING BATTERY OR INSTALLING NEW BATTERY, WING NUTS ON BATTERY HOLD-DOWN SHOULD ONLY BE TIGHTENED FINGER TIGHT. DO NOT USE A WRENCH OR PLIERS TO TIGHTEN. DAMAGE TO THE BATTERY CASE COULD RESULT.

SPARK PLUG

Remove all dirt and trash from around spark plug before removing plug. The correct gap setting is .025 inch. Refer to separate enclosed Engine booklet for replacement specifications.

FUEL TANK

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

Refer to your separate enclosed Engine booklet for instructions. Keep air cleaner clean at all times.

PNEUMATIC TIRE PRESSURES

Maintain pressure in tires as recommended here. Check pressures with a low pressure gauge having one-pound graduations. Operating with pressures above or below pressures given here can damage tires.

TIRE	SIZE	PRESSURE (lbs./sq. in.)
Front	5:00-6	No Less Than 12
Rear	20x8:00-10	No Less Than 8

REAR AXLE ASSEMBLY

The rear axle assembly is filled at the factory with SAE 90 oil. Check regularly and keep filled to proper level.

To check lubricant level, remove round inspection plug in rear of tractor frame, with a square socket remove pipe plug in axle housing. The oil should be level with this plug hole.

CAUTION

WHEN REPLACING PLUG EXTREME CARE SHOULD BE USED SO AS TO NOT CROSS THREAD OR OVER TIGHTEN THE PLUG. THIS IS AN ALUMINUM HOUSING AND CAN BE DAMAGED BY CROSS THREADING OR OVER TIGHTENING THE PLUG.

Should trouble develop, see your Bolens dealer immediately.

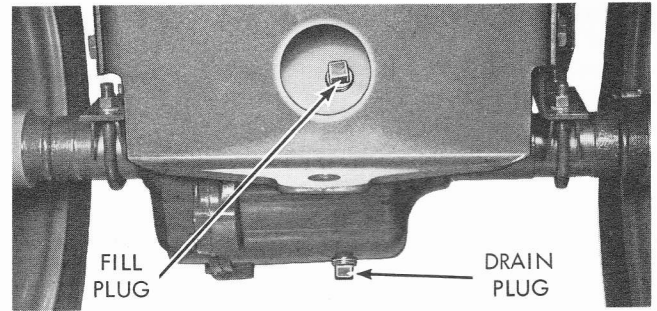


Figure 9. Rear Axle Assembly

ADJUSTMENTS

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.

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.

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!

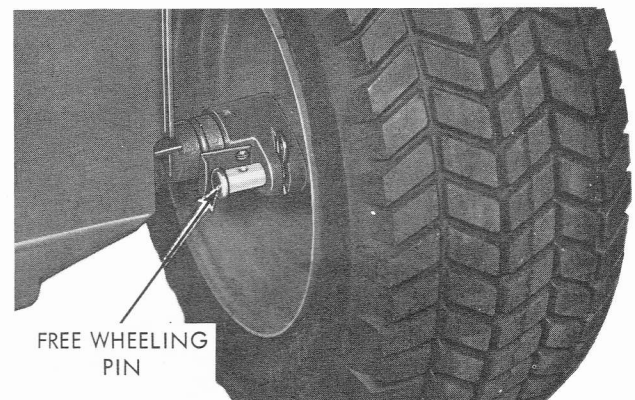


Figure 10. Free Wheeling

REAR WHEELS

To remove the rear wheels, the wheel caps and axle snap rings must be removed first as shown. (Figure 11.)

The four setscrews (two on each wheel hub inside) are then loosened and the wheels pulled off.

DRIVE BELTS

The idler pulley for the drive belt is positioned on the idler control arm to maintain proper belt ten-

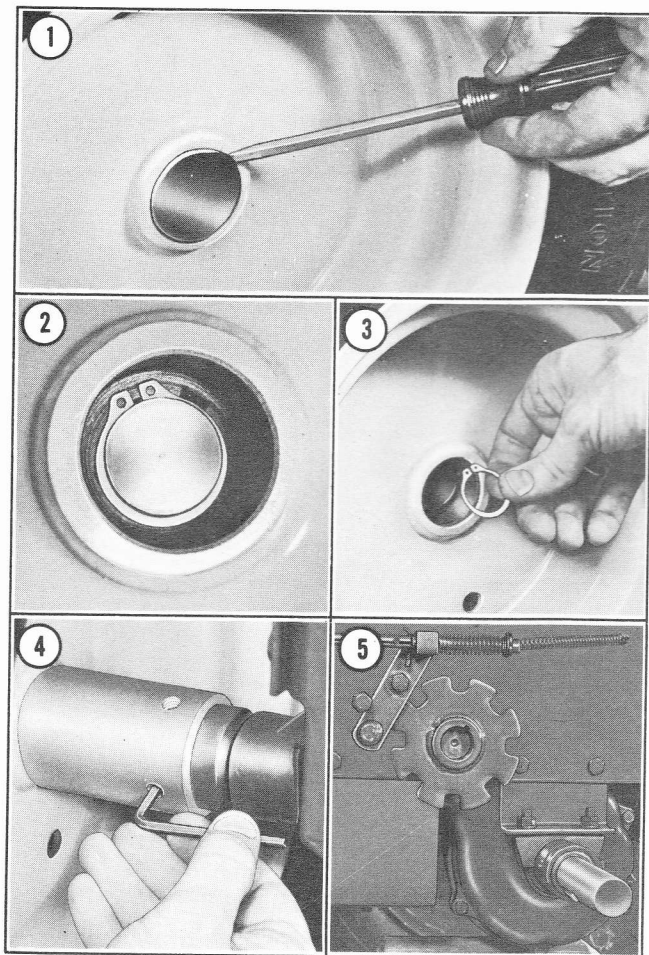


Figure 11. Removing Rear Wheel

sion. If, through wear or stretch, slippage occurs, it will be necessary to replace the belt. The same procedure holds true for the P.T.O. belt.

TO REMOVE DRIVE BELTS

Release idler tension, free each belt from the pulleys one at a time and remove from the tractor. Reassemble with new belts reversing above procedure. Check idler pulley position after retightening idler support.

TO REMOVE P.T.O. BELT

To remove P.T.O. drive belt it is necessary to first remove the drive belt from engine to drive pulley. See Drive Belt Removal. With P.T.O. disengaged, remove belt starting at the P.T.O. pulley. Slip belt off and down allowing it to rest on hub of P.T.O. pulley. Next, remove belt from engine drive pulley, working it forward and off of P.T.O. pulley. Reassemble with new belt reversing above procedure.

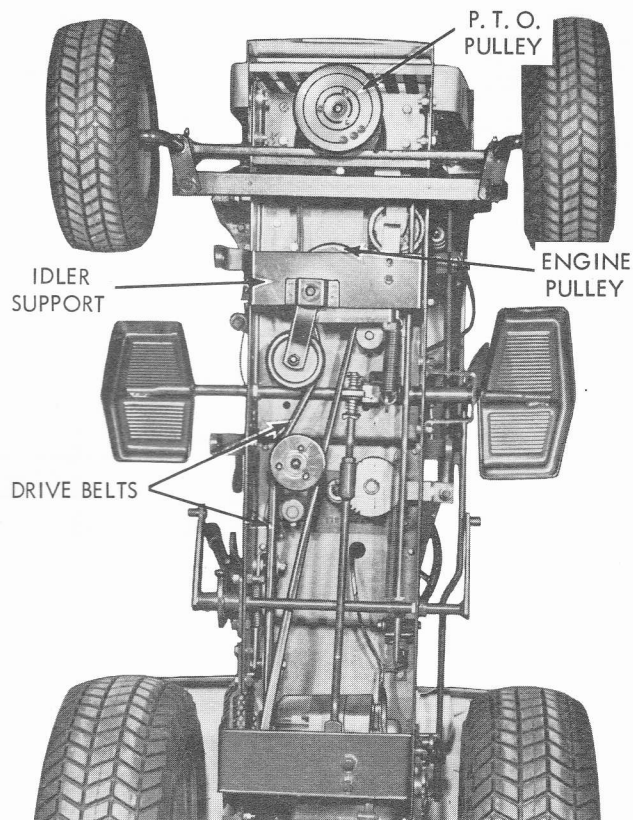


Figure 12. Drive Belt and P.T.O. Belt

STARTER-GENERATOR DRIVE BELT ADJUSTMENT

The starter-generator drive belt can be adjusted by loosening the two cap screws on the adjustment bracket and moving the starter-generator. The belt is properly adjusted when it can be depressed approximately 1/4 inch under slight thumb pressure.



Figure 13. Starter Generator Drive Belt Adjustment

MAINTENANCE GUIDE

	EVERY 10 HOURS OF OPERATION	EVERY 25 HOURS OF OPERATION	EVERY 50 HOURS OF OPERATION
Check battery water level		X**	
Check air in tires		X**	
Check engine crankcase oil	X**		
Drain engine crankcase oil			X*
Check SAE 90 gear oil in rear axle assembly and add to level of upper filler plug as needed		X	
Lubrication points (see Lubrication Chart)	X		
Brake adjustment			X**
Air cleaner - service as instructed in	X*		
Check Transmission Oil		X	

*More often under dusty conditions

**More often under extreme conditions

LUBRICATION

Proper lubrication and regular maintenance will increase the operating life of your HUSKY tractor. It is suggested that lubrication recommendations in this manual be followed. A lubrication schedule prepared by the operator would be beneficial.

The numerically listed locations on the lubrication chart correspond to those numbers shown on Figures 15 and 16.

LUBRICATION CHART

LOCATION	TYPE OF LUBRICATION	AMOUNT OF LUBRICATION	FREQUENCY OF LUBRICATION
1. Front Wheel Bushings	Gun grease	As req'd.	10 hrs.
2. Front Wheel Spindle	Gun grease	As req'd.	10 hrs.
3. Front Axle Pivot	Oil	Coat surface	10 hrs.
4. P.T.O. Pulley	Gun grease	As req'd.	10 hrs.
* 5. Tie Rod Ends and Drag Links	Oil	Coat surface	25 hrs.
6. Rear Axle Assembly	SAE-90	Fill to plug level	25 hrs.
7. Air Cleaner	SEE ENGINE MANUFACTURER'S MANUAL		
8. Engine Crankcase	SEE ENGINE MANUFACTURER'S MANUAL		
9. Hood Hinge	NO LUBRICATION REQUIRED		
*10. Brake Linkage	Oil	Coat surfaces	25 hrs.
11. Starter-Generator	NO LUBRICATION REQUIRED		
*12. Attachment Lift Lever	Oil	Coat surfaces	25 hrs.
*13. Steering Shaft	Oil	Coat surfaces	25 hrs.
14. Drive Pulley	Gun grease	As req'd.	10 hrs.
15. Transmission Reservoir	Drain and Replace with Bolens #171-9650 oil		Once a year

(Numbers within each symbol designate lubrication area)

*More frequent if application demands. See your dealer for specified oil for complete refills.

NOTE: A hand type grease gun with a flexible hose is recommended when greasing your unit. This type grease gun can be purchased at most automotive supply stores. Ask for Alemite All Purpose Grease Gun No. 4031 with Flexible Hose Assembly No. 6703A, or similar type. Hi-pressure type grease guns could cause damage to the fittings and bearing seals. Lubricate all linkages, levers and pins not equipped with grease fittings with an oil can once a week or oftener depending on operating conditions. See separate Engine folder for amount and type of oil for various temperatures.

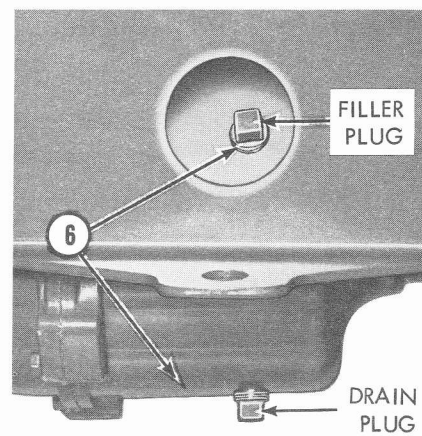
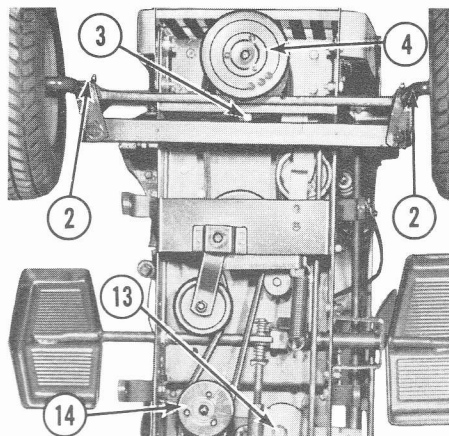
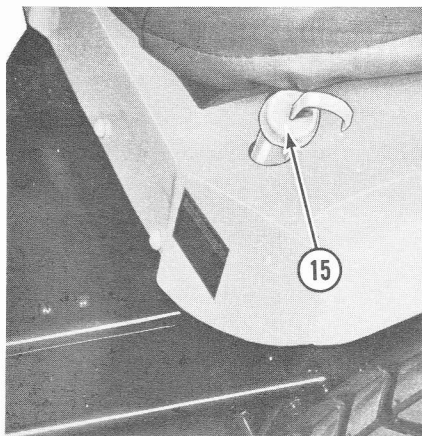


Figure 14

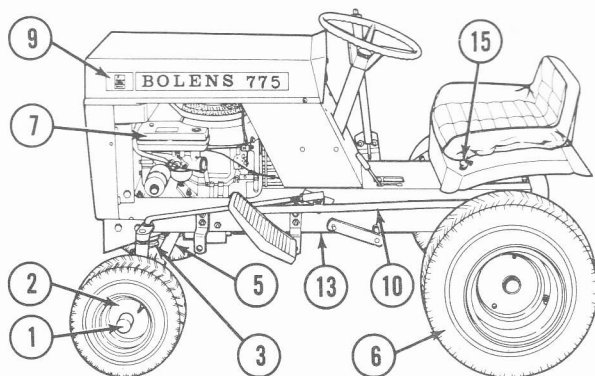


Figure 15. Lubrication - Left

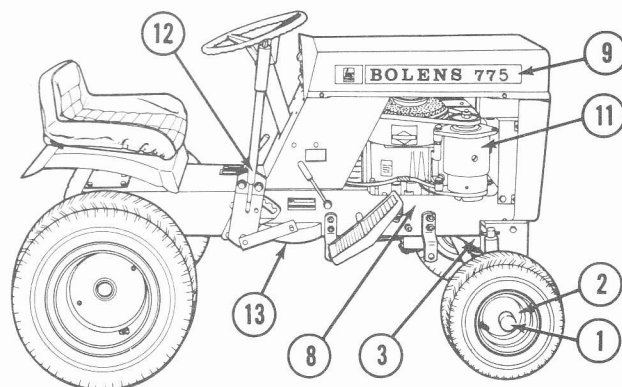
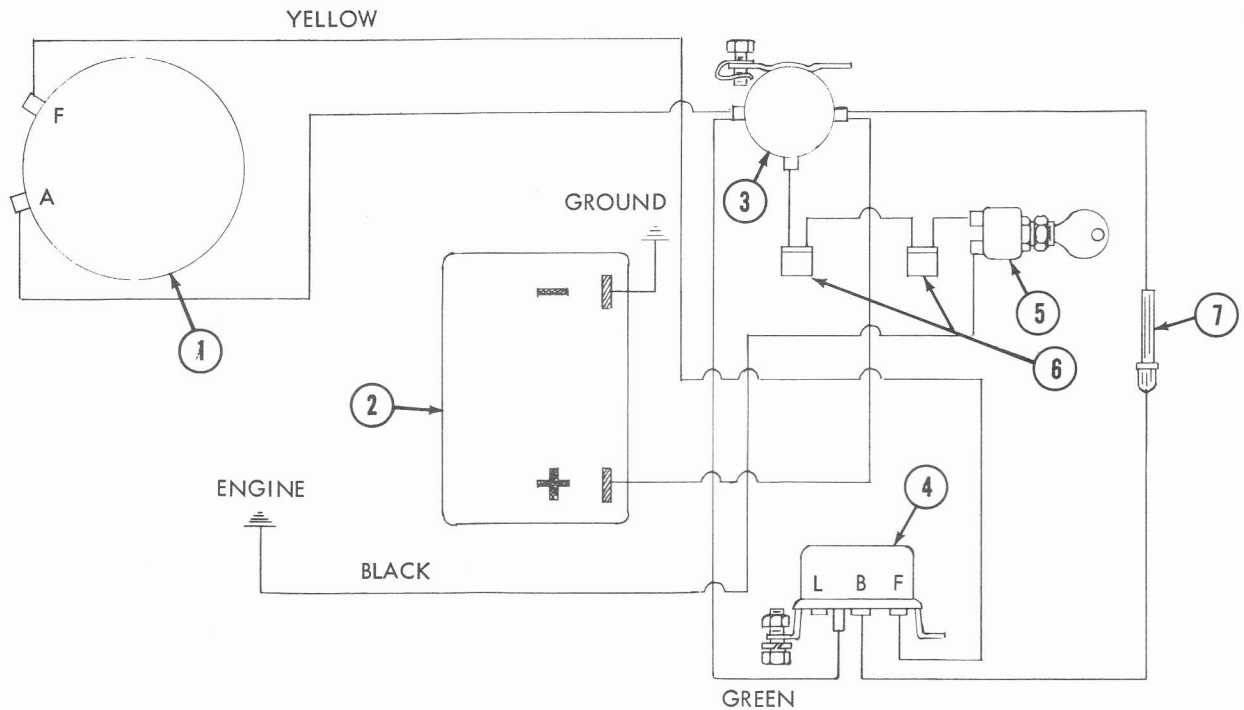


Figure 16. Lubrication - Left

MINOR TROUBLE SHOOTING GUIDE

IF TRACTOR ACTS IN FOLLOWING MANNER:	CHECK FOR POSSIBLE CAUSE													
	MAKE SURE P.T.O. IS OFF AND TRANSMISSION IS IN NEUTRAL	CHECK INTER-LOCK SWITCHES		CLEAN BLOWER HOUSING SCREEN	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						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	x
Engine overheats				x							x	x		x
*Also see enclosed Engine Manual for additional trouble shooting information.														
TRANSMISSION														
Loss of power output	Oil level below normal continuously											OTHER SEE YOUR BOLENS DEALER		
Transmission overheating	Finned area or screen dirty or clogged with grass, oil level in reservoir below normal													
Loss of oil	Oil leaks - see your Bolens Dealer													

WIRING DIAGRAM



1. Starter-generator
2. Battery
3. Starter solenoid
4. Voltage regulator

5. Ignition switch
6. Interlock switches
7. Fuse and fuse holder

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

The P.T.O. pulley delivers power directly to the attachment - front and center mounted. Slide the attachment into position and follow mounting instructions supplied with each attachment, in the Owner Manual.

GREASE WITH A HAND GREASE GUN EVERY 10 HOURS, STOP WHEN YOU CAN HEAR THE GREASE SQUEEZE PAST THE UPPER SEAL.

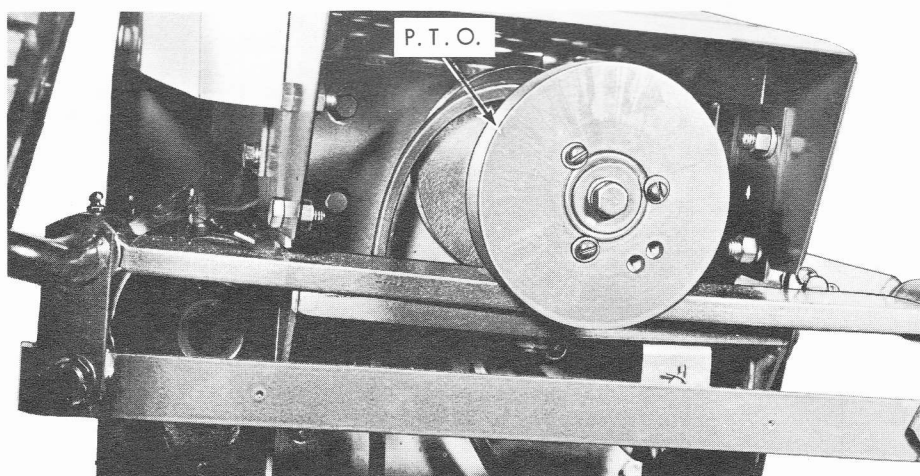


Figure 17. P.T.O.

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 (SAE 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 - remove battery and store in cool, dry area. Check at regular intervals to maintain fully charged battery.
8. Lower attachments to the ground.



BOLENS

PORT WASHINGTON, WISCONSIN, U.S.A.