GEZ-4971A

Elec-Trak®

Garden Tractor

Owner's Use and Care Manual

GENERAL ELECTRIC

Contents

ⓉTRADEMARK

This manual does not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purpose, the matter should be referred to your authorized Elec-trak dealer.

Introduction

Congratulations! You now own a fine product produced by the General Electric Company, which has been built to assure you high quality and excellent service.

Electricity is the cleanest, most dependable and economical source of power. Every day, all around you and often taken for granted, electrical power is working for you . . . heating, cleaning, lighting, and cooling.

The ELEC-TRAK Ⓣ garden tractor is the result of careful design engineering with the operator foremost in mind. Safety, ease of operation, economy, ruggedness, and maintenance-free features are built into the ELEC-TRAK tractor.

This manual has been carefully prepared to instruct you in operating, maintaining, and lubricating your ELEC-TRAK. **IT IS VERY IMPORTANT THAT EACH OPERATOR FULLY UNDERSTANDS THE ENTIRE CONTENTS OF THIS MANUAL FOR SAFE, DEPENDABLE OPERATION AND TO PROLONG THE LIFE OF THE EQUIPMENT.**

Your ELEC-TRAK dealer is equipped with a complete stock of genuine ELEC-TRAK tractor parts. He has factory-trained service personnel using the latest approved test and repair equipment and will service your tractor to assure safe, efficient, and economical operation. **UNAUTHORIZED SERVICE VOIDS WARRANTY. HOWEVER, BEFORE CALLING YOUR DEALER FOR SERVICE, SEE THE TROUBLESHOOTING CHECK LIST ON PAGE 9.**

WARRANTY REGISTRATION

Your dealer must complete and submit a Warranty Registration Form to General Electric before your Warranty Registration can be sent to you. To assure proper warranty coverage be sure that the dealer prepares this form for you with a copy properly dated and sent to the General Electric Company at the address shown below.

Manager—Product Service
Outdoor Power Equipment Operation
General Electric Company
Corporations Park
Schenectady, New York 12305

Your dealer will also record the ELEC-TRAK Warranty Registration and model and serial number of your General Electric tractor.

Remember to specify model and serial number shown under the hood when ordering parts.

SAFETY PRACTICES

As with all power devices, prime responsibility for safe operation of the equipment rests with the operator. It is necessary that both operating instructions and the following safety information be fully understood by each operator *before* using the tractor and attachments.

- Become familiar with the location and function of all controls.
- Be sure the work area is clear of objects which might be picked up and thrown.
- Regulate travel speed according to ground conditions.
- Don't forget to set the brake and shut off attachment power before you leave the tractor.
- Don't drive too close to creeks or ditches.
- Watch out for traffic when near roadways.
- Stay alert for holes and other hidden hazards.
- Watch where you're driving! Pay attention!
- Beware on steep slopes! Reduce speed on all side slopes and sharp turns to prevent tipping or losing control.
- Don't attempt to operate tractor when not in seat.
- Don't carry passengers.
- Keep children and pets at a safe distance.
- Don't wear loose-fitting clothing that might get caught in moving parts.
- Never attempt to get off the tractor while it is in motion.
- Don't stop or start suddenly when going uphill or downhill.
- Keep tractor in good operating condition.
- Remove key before leaving tractor.
- Plug tractor charger cord into a normal 110 volt, 3-hole receptacle. Do not use a 2-hole adapter unless properly grounded.
- Keep hands and feet clear of all rotating equipment.
- Disconnect power cord from PTO receptacle before handling power attachments.
- All safety devices are for your protection. Do not attempt to defeat them.

OPERATION

NOTE: *The ELEC-TRAK should be plugged in and brought to the full charge state as soon as the owner takes delivery (See Pg. 5).*

Prior to initial use of the ELEC- TRAK tractor, the user should completely familiarize himself with all tractor controls.

TO START

1. Move speed control to neutral.
2. Move range selector to desired position. (D_2, D_1 L, or LL)
3. Turn tractor key to "ON."
4. Release parking brake.
5. Move speed control slightly forward. Increase movement for higher forward speed.

TO STOP

Return speed control to neutral and/or depress brake pedal.

NOTE

Quick stops can be made by fully depressing the brake pedal without returning speed control to neutral. Full depression of brake pedal switches drive power off for circuit protection.

Before drive power can be restored, the speed control must be returned to neutral and the brake released. Movement of the speed control will then restore operation.

REVERSE

1. Stop tractor by returning speed control to neutral and depressing brake.
2. Move speed control slightly to the rear. Higher reverse speed results from moving lever further to the rear.

NOTE

New power packs have a "break-in" period. It is recommended that deep discharging be avoided for the first 5 operational periods. This will assure longer power pack life.

ATTACHMENTS

Use and care information for ELEC TRAK attachments is found in the specific manual supplied with each attachment.

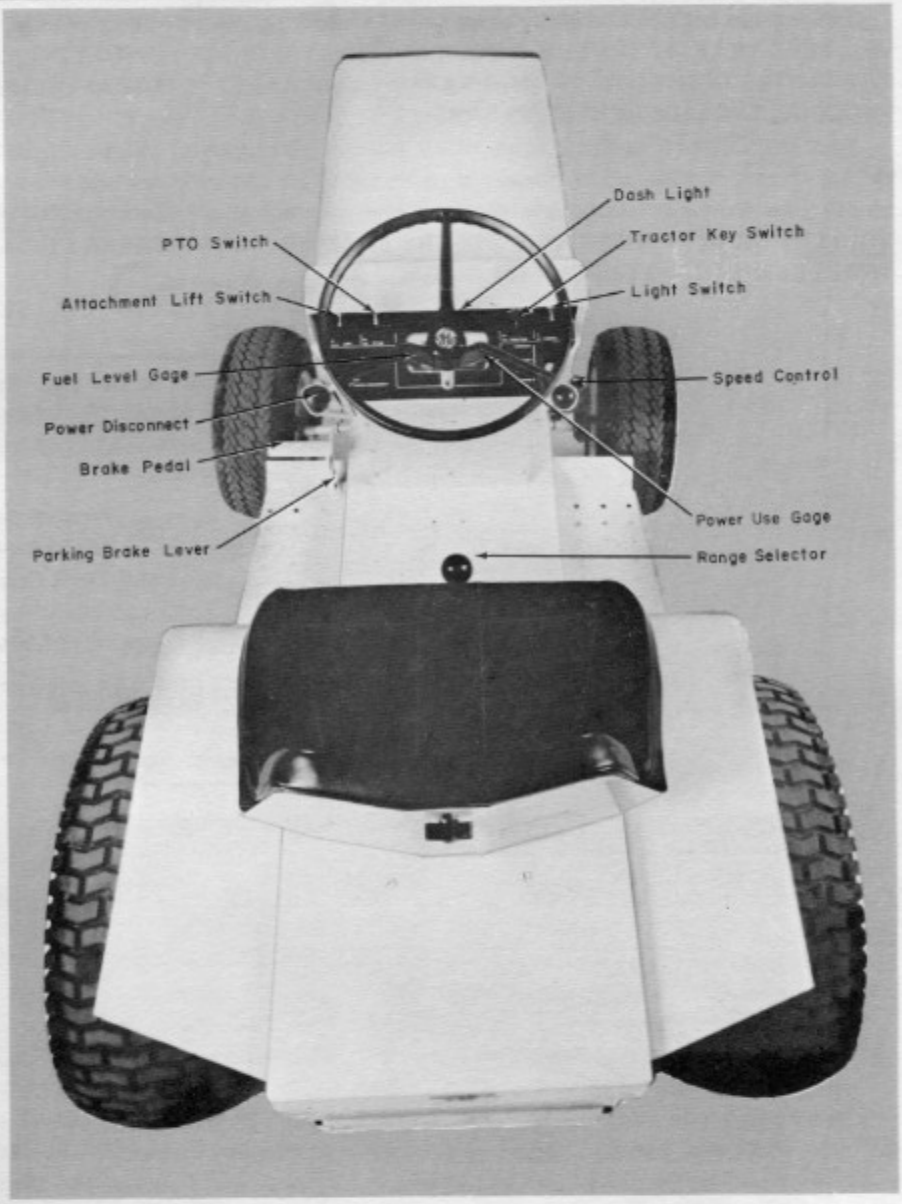


Figure 1. Controls of the General Electric ELEC-TRAK® tractor

The rear pin hitch is provided for light hauling only. Heavy hauling, impact pulling, or operation of ground breaking implements requires the addition of the optional sleeve hitch.

NOTE

Under no circumstances should automotive electrical equipment such as lights, horns or any grounded frame device be attached to the ELEC-TRAK.

POWER PACK CHARGING

Superior performance and life of the power pack can be prolonged through proper care. The tractor should be charged whenever it has been operated for more than a few minutes. *The water level of the individual cells should also be checked at least every month.* Helpful information is contained in the Power Pack section. (See Page 5).

RANGE SELECTOR

Range selector lever position determines one of four speed-torque ranges according to the pattern shown in Figure 2.

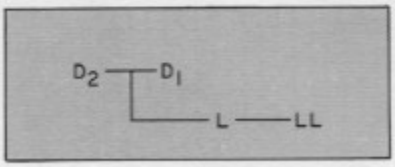


Figure 2. Range Selector Diagram

Designation	Use
LL – Low-Low (Up to 0.8 mph)	Snowblowing Tilling Ground Engaging Attachments
L – Low (Up to 2.6 mph)	Cultivating Ground Engaging Attachments
D_1 – Drive One (Up to 4.5 mph)	Heavy Mowing Raking Seeding
D_2 – Drive Two (Up to 7.0 mph)	Transporting Snow Plowing High Speed Mowing

Range selection is made with a quick positive hand motion, *but only after drive motor rotation has stopped.*

NOTE

When range selector gears do not mesh immediately, a momentary application of drive power will reposition gears and allow shifting. Do this by moving the speed control forward. Do not force gear changes if any interference is indicated.

The "LL" position is accessible by shifting *through* the "L" position.

BRAKE PEDAL AND PARKING BRAKE

The ELEC-TRAK is equipped with a disc-type brake fixed on the transaxle. This brake is used for normal stopping as well as a parking brake. To apply the parking brake, it is necessary to fully depress the brake pedal and pick up on the rear of the parking brake lever until it engages the forward edge of the foot rest. When foot pressure is released the brake pedal should remain in its depressed position. The parking brake is released by reapplying pressure on the brake pedal and moving the rear end of the parking brake lever downward to its stop (See Figure 3).

For safe operation whenever drive power is interrupted, the speed control lever must be returned to neutral before it is repositioned for desired speed.

Always release the brake pedal fully *before* drive power is applied.

Figure 3. Brake Pedal

SPEED CONTROL

Control of speed and of forward and reverse motion is made with one lever. Moving the speed control from neutral toward the front of the tractor increases forward speed. Moving lever toward the rear from neutral increases reverse speed. (See Figure 4.) The "DRIVE" position provides maximum torque and highest efficiency.

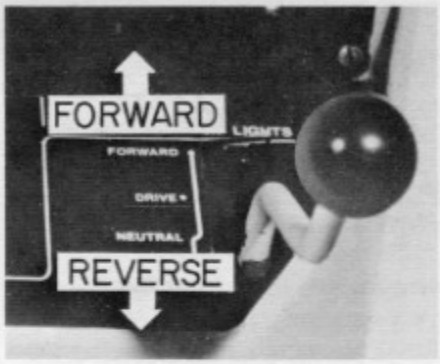


Figure 4. Speed Control Lever

TRACTOR KEY SWITCH

The "OFF" position disconnects all tractor electrical circuits except the charger, lift, lights, and accessory receptacle. These circuits are active with the key in either the "OFF" or "ON" position. The clockwise "ON" position allows power to be applied to the drive motor and PTO equipment.

LIFT SWITCH

With an attachment properly mounted, the lift switch lever is held upward to raise the attachment, downward to lower it. Spring loading returns the switch to its center position upon release. *Do not* continue to power the lift after its end limit has been reached. Such abuse will trip the circuit breaker in the lift or will blow the protective fuse. To give attachments freedom to follow the ground contour, allow slack in lift tape during operation.

LIGHTS

Operation of the tractor lights is independent of the key switch position. In addition to lighting the dash panel, the dashlight serves as a reminder that the headlights are on.

PTO (Power Take-off)

The dash-mounted PTO switch controls motorized attachments. Power is delivered through the PTO receptacle located just under the left edge of the hood toward the front of the tractor (See Figure 5).

The PTO switch must be turned on *after* the key switch is turned to "ON." This is due to the safety interlock which prevents unintentional attachment start-up. If the driver leaves the seat with an attachment running, a safety interlock interrupts the attachment power. To restore attachment power, sit on seat and turn PTO switch to "OFF" and then to "ON".

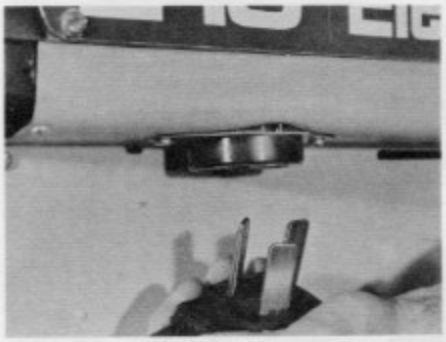


Figure 5. PTO Receptacle

FUEL LEVEL AND POWER USE GAGES

On the *fuel level* gage the green zone between the "E" (empty) and "F" (full) represents range of the power pack. Readings in this zone are fractional portions of full range remaining.

When the charger is in operation and nearing completion of its cycle, the "CHG" zone indicates the power pack is being fully charged. This assures you of proper charger operation. After the charging cycle is completed, the indication should be "F" to be interpreted as "full." Both gages are shown in Figure 11.

While the right red zone represents "overcharge," the left one represents "discharge." If either of these zones are indicated after charging, check the trouble-shooting tips on page 9. If charging is not restored, disengage the power disconnect and consult your dealer.

Proper use of the *power use* gage can extend the ELEC-TRAK range considerably. Continued operation with an indication in the red or "HIGH" section of the gage should be avoided. Prolonged operation with this indication will result in rapid discharge of the power pack and is usually due to improper choice of speed-torque range or a jammed attachment. Whenever possible the speed control should be maintained in the recommended "DRIVE" position for most efficient operation of the E12 and E15 models.

During normal tractor operation, the power use gage indicator should remain in the green or lower yellow zone when proper gear selection has been made with the range selector. Heavy work such as snow removal and heavy tilling may require some operation in the red zone.

NOTE
The drive motor and its circuitry are protected by a circuit breaker. This automatic switch may open and shut off power under extremely heavy loading. A few minutes wait is usually sufficient for the circuit breaker to automatically reset. Continued circuit breaker activation requires that loading be reduced.

POWER DISCONNECT

The power disconnect is an emergency device, a master circuit breaker which disconnects all electric power to the vehicle. It instantly disengages power when you push the end of the knob-lever downward (See Figure 6). Should any electrical malfunction occur, disengage this unit immediately and check the troubleshooting tips on page 9 before consulting your dealer.

ALL SERVICING OF THE TRACTOR SHOULD BE DONE WITH THE "POWER DISCONNECT" DISENGAGED (EXCEPT CHARGING).

The power disconnect is engaged by pushing the knob-lever in before it is rotated upward. It is locked in this position by rotating counter-clockwise one-quarter turn.

ACCESSORY RECEPTACLE

The accessory receptacle on the ELEC-TRAK lets you take your power source to your work. A variety of 36 volt electric power tools, made just for the ELEC-TRAK to make your home, yard, and garden chores easy and enjoyable, are available from your ELEC-TRAK dealer.

Figure 6. Accessory Receptacle and Power Disconnect

The accessory receptacle is located on the left side of the tractor under the edge of the hood to the rear of the main PTO outlet as shown in Figure 6.

When using a hand power tool, apply the parking brake and insert the accessory plug into the special receptacle rotating it slightly to the right to lock it in place. Voltage to this receptacle is always on regardless of key switch position. In the event that the power accessory is inoperative, be sure that the power disconnect is engaged and the manual reset circuit breaker button is pushed in. (See Figure 7)

NOTE
The 36-volt accessory receptacle is designed to prevent the use of standard 110 volt AC power tools. Use only approved 36-volt tools with the ELEC-TRAK accessory receptacle. An optional 110-volt inverter is available which your dealer can install for your use with any standard 110-volt power tool which does not exceed the current capability of the inverter.

POWER PACK CARE AND CHARGING

Batteries are one of man's oldest and most reliable sources of power. By following a few basic rules you can expect excellent service and long life from the advanced ELEC-TRAK power pack.

The power pack is like a tank of energy. When using the tractor, this energy is consumed. The charger replaces the used energy by properly metering your household electricity into the power pack. The charger is designed to restore full charge to the power pack after one cycle of operation. Under normal conditions a full charge is reached after 5 hours; however, the charger runs 12 to 14 hours to equalize cell voltages when started on the "Yrs. 1-2" position.

NOTE
The Power Disconnect must be engaged before the power pack can be charged.

The charger runs independently of the key switch. It is suggested that the key be removed to prevent unauthorized use of the tractor. HOWEVER, THE POWER DISCONNECT MUST BE ENGAGED (PUSHED IN) DURING CHARGING.

CHARGING

A deeply discharged power pack requires the charger to draw approximately 14 amperes from the line receptacle. To prevent 15 ampere household fuses or circuit breakers from "opening" and interrupting power, it may be necessary to disconnect other appliances, tools, or lights from that circuit.

To start the charging operation grasp both louvers at the rear of the hood and lift upward. Plug the charger cord into any grounded receptacle and turn the charger knob to the "Start" position *determined by the age of the power pack* (Figure 8). (New power packs go through a seasoning period and must be charged longer.)

When the power pack is fully charged, the charger shuts off automatically. It is *not* necessary to remove the plug from the house receptacle after completion of the charging cycle. However, the tractor charger may be unplugged whenever the tractor is needed.

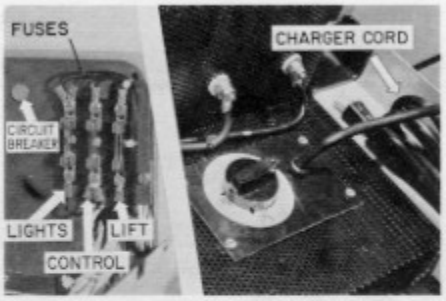


Figure 7. Charger Dial, Charger Receptacle, and Fuses

The charger line cord is equipped with a standard 3-prong plug which grounds the charger through the home electrical system. When a 2-hole receptacle is available, an adapter must be used between the plug and receptacle *with the ground lead permanently fastened to the ground screw on the outlet.*

In older homes equipped with original electrical wiring, the receptacle cover plate screw may not provide a ground connection when used with an adapter plug. If there is any doubt concerning the grounding of your receptacle, consult your dealer or a qualified electrician.

NOTE
The power pack should not be charged in an area where the temperature is above 110° F.

POWER PACK WATERING

During the charging process there is a bubbling action or gassing process which allows some water in the electrolyte solution to evaporate. Remember that during this charging procedure only *water* is *lost;* so it is only necessary to *add water* to bring up the electrolyte level to the proper point. Distilled water or tap water used for drinking purposes is satisfactory for use in the ELEC-TRAK tractor power pack.

Water should be added only after the power pack is charged. The only exception to this rule is if the water level should fall below the top of the plates. Sufficient water should be added to bring the electrolyte level just above the plates. The system should then be charged, and if necessary additional water added *after* charging.

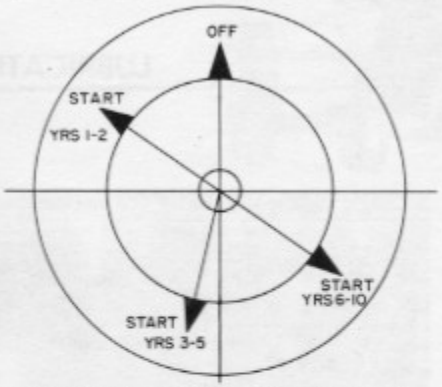


Figure 8. Charger Starting Positions.

CAUTION

Power pack electrolyte can cause irritation of the skin and may damage clothing. Any contacted electrolyte should be immediately neutralized with a solution of baking soda and water, or washed thoroughly with soap and water.

Any electrolyte running out of the top of the cells is an obvious sign of overfilling. It is important that the electrolyte level be maintained above the plates but never above the indicator ring. Overfilling can result in dilution of electrolyte, which reduces capacity and life of the power pack. Overfilling can also cause corrosion where spillage of electrolyte occurs. (Your ELEC-TRAK dealer has a very handy automatic watering device available at a low cost.)

Under normal conditions it will only be necessary to check the water approximately once per month. Use of the ELEC-TRAK in higher temperature locations or under very heavy use may require more frequent checks of the water level. Also after several years of use it may be necessary to add water more often.

NOTE
The charging process evolves small amounts of hydrogen gas; therefore, normal precautions like those for gasoline refueling should be used whenever the ELEC-TRAK is being charged in a confined area. This gas concentration will not occur if the hood and seat cover are open and there is free air circulation in the area where the tractor is stored.

MAKE IT A HABIT!
REMOVE KEY – START CHARGER

LUBRICATION - SERVICE AND MAINTENANCE

The ELEC-TRAK reduces your lubrication requirements tremendously since the electric motors are permanently lubricated and there are no clutches, idler pulleys or mower bearings to be greased.

Several high-friction points do require periodic lubrication to prolong life and give maximum operating satisfaction.

100 OPERATING HOURS – 6 MONTHS

After 100 operating hours, the transaxle filler plug should be removed and the fluid level checked (See Figure 9). The oil level should be to the bottom edge of the filler hole. If necessary, replenish with approved ELEC-TRAK axle fluid *only*.

200 OPERATING HOURS – ONE YEAR

Once a year or every 200-operating hours the front spindles, the front wheel bearings and the front axle main pivot pin should be greased with a hand grease gun using a No. 2 multipurpose lithium grease (See Figure 10). Pump gun until dirt and old grease are flushed out and wipe all surfaces clean.

All linkages and bearings should be oiled with a heavy duty (No. 30) machine oil. Major points to be considered include:

1. Brake pedal pivot and linkage connections.
2. Hood and seat hinges.
3. Attachment mounting pins.

Prevent dirt and dust accumulation, by wiping away all excess oil.

These lubrication intervals are meant to be a guide only. If the tractor is subjected to abnormal environmental conditions or greater-than-average use, the frequency of lubrication as well as other preventive maintenance measures should be adjusted accordingly.

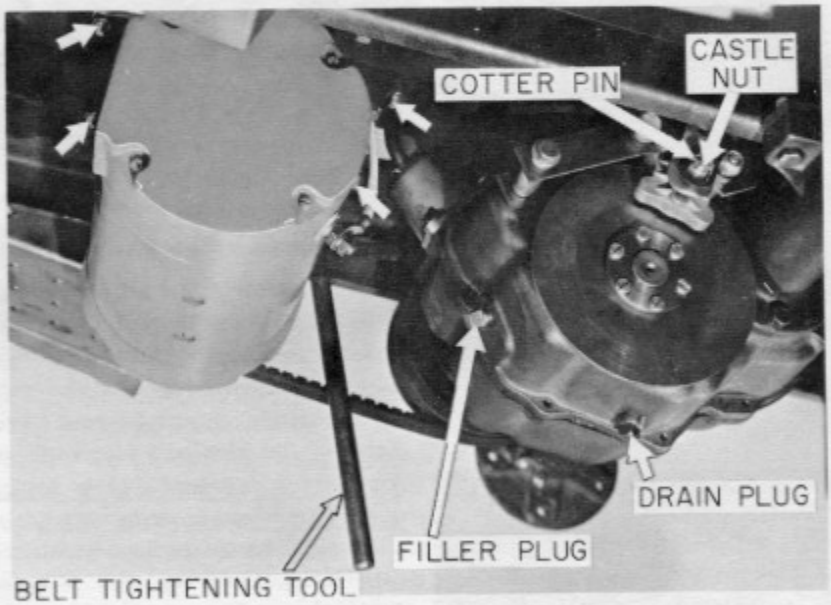


Figure 9. Brake, Transaxle, and Motor Mounting

VISUAL INSPECTION

Periodic inspection of the tractor is an important preventative maintenance measure. Make it a habit to visually check for loose fastening devices or leaking seals. Regular cleaning and polishing of exterior surfaces will give greater satisfaction in owning and operating the ELEC-TRAK and will enhance resale or trade-in value.

Other adjustments, inspections, and maintenance procedures should be performed at regular intervals to assure trouble-free, economical operation.

POWER PACK

In addition to power pack charging and watering as outlined, other services may be performed to give more desirable service.

Check the water level in the power pack monthly. Add water only if necessary. To protect your warranty, no addition of electrolyte should be done, except by your dealer.

City tap water or distilled water is acceptable for refilling. To prevent contamination of water, use recommended ELEC-TRAK water-filling devices or clean glass or plastic containers with a funnel.

It pays to keep the power pack covers clean. Removal of accumulations of dirt, grass clippings, and so forth will assure optimum electrical system performance. An occasional wiping with paper toweling is usually sufficient.

CAUTION

For personal and equipment protection, always unplug charger and keep dry when cleaning and flushing power pack surfaces.

DRIVE ASSEMBLY

Power is transmitted from the drive motor to the transaxle through heavy duty, direct coupled belts. The belts should be kept free of grease, oil, electrolyte, and dressings to assure best performance. For use in heavy snow, an optional belt system cover is available.

If the belts become contaminated they should be wiped with a clean cloth.

BELT ADJUSTMENT

With the belts properly adjusted, a 10-pound force will deflect a belt approximately 1/4 inch.

If increased tension is required, proceed as follows:

1. Loosen four carriage bolts holding motor plate. Insert a 1/4" wedge under the forward part of the motor plate, and retighten bolts finger tight (See Figure 9).
2. With belts in place, force motor and mounting plate forward as far as possible. Tighten rear two carriage bolts.
3. Remove the 1/4" wedge, and tighten the front two bolts.
4. Recheck belt tension as outlined.

If it becomes necessary to replace one belt, it is recommended that both belts be replaced so drive power is shared equally.

Belt replacement follows the same procedure as outlined above except that after the carriage screws are loosened, the mounting plate is moved to its rear limit to ease removal of belts. With new belts in place proceed as outlined in steps 1 through 4.

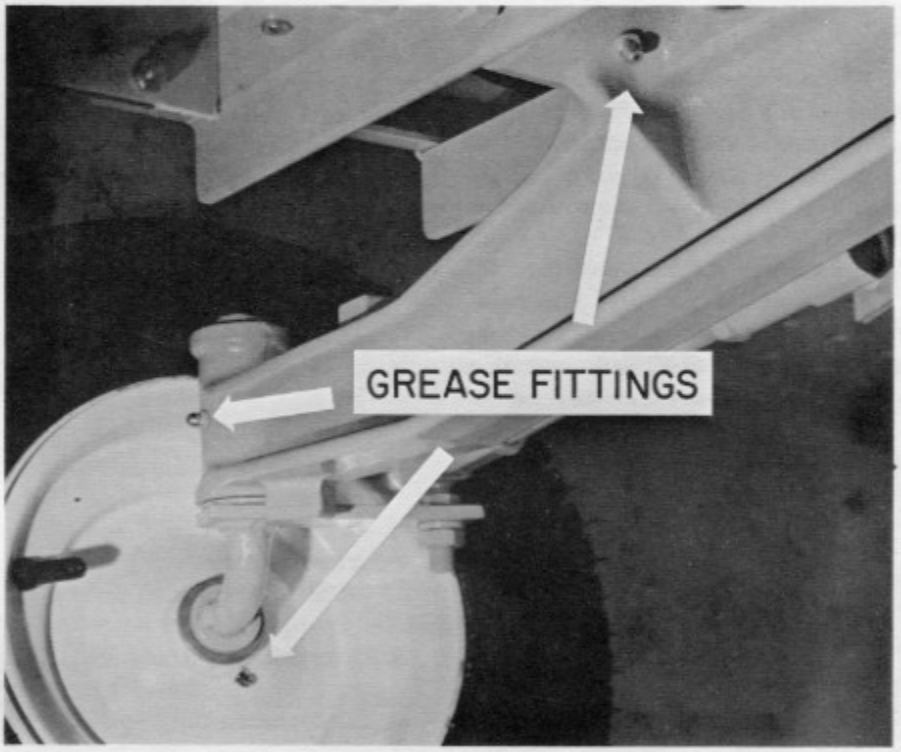


Figure 10. Front Spindle Assembly

ELECTRICAL SERVICE

The electrical circuits of the tractor are protected by circuit breakers and fuses.

One of the circuit breakers provides drive motor protection.

Under extreme loading conditions, this circuit breaker will open. A few minutes wait is then required to allow the motor to cool sufficiently for the circuit breaker to reclose. If the circuit breaker opens repeatedly, tractor loading should be reduced by shifting to a lower range selector position.

Another circuit breaker serves two purposes. It protects the charger and accessory receptacle circuits. This circuit breaker must be reset manually by pushing in the red button located next to the fuse block (See Figure 7). If the charger or accessory receptacle becomes inoperative, check this reset button to see that it is pushed in

The lift circuit is protected by an automatic circuit breaker and a 3AG30ASB fuse located in the fuse block under the hood (Figure 7.). If the lift motor fails to operate, check this fuse and replace it if necessary with one of identical specifications. The center fuse in the same block protects the tractor and PTO circuitry. If this fuse fails, the drive motor and PTO operated attachments will not function. It should be replaced only with a 3AG20A fuse. The third fuse in the block protects the light circuitry. This fuse should also be replaced with a 3AG20A fuse.

NOTE

Loose connections account for many of the problems encountered with an electric vehicle. To eliminate these problems all electrical connections should be checked for tightness on a regular basis.

ELECTRONIC CIRCUITRY

The bulk of the ELEC-TRAK electronic circuitry is used for power control and switching and is located on circuit cards contained in the control panel. Service on these cards is to be made by your dealer only.

TIRES AND WHEELS

Proper tire inflation pressure is an important factor in determining tire life. Pressures should be checked and corrected, if necessary, on a monthly basis according to the following table.

Tire Inflation	Soil	Hard Surface
Front	15 psi	. . . . 28 psi
Rear	10 psi	. . . . 24 psi

Pressure measurement should be made with a low pressure gage which can be purchased from your dealer.

Stumps, holes, and sharp objects should be avoided, and any cuts occurring in the tires should be repaired immediately or tire life will be reduced.

The rear wheels are factory-assembled in their narrow tread configuration. For greater safety when operating on hillsides, tread width may be increased by removing the wheel bolts and turning the wheels around with the valve stem inward.

STORAGE

Seasonal storage of the ELEC-TRAK requires a minimum of preparation. The steps to be performed are as follows:

1. Store tractor in a cool, dry weather protected area.
2. Clean power pack covers if necessary as outlined on page 6.
3. Plug charger into approved receptacle and start charger operation. Insure proper water level after first day (24 hours) (See page 5).
4. Lubricate tractor and wipe oil on any parts that may be affected by rust.
5. Leave charger plugged in for the duration of storage period *and recycle its operation monthly.*

The charge retention (without using additional electricity for recharging) of the power pack can be extended considerably if stored in a very cool place. Lower temperature slows the self-discharge. At temperatures below 40°F, virtually no self discharge occurs, but at temperatures below 32°F the full charge state must be maintained to prevent cell electrolyte from freezing which may result in permanent damage to power pack.

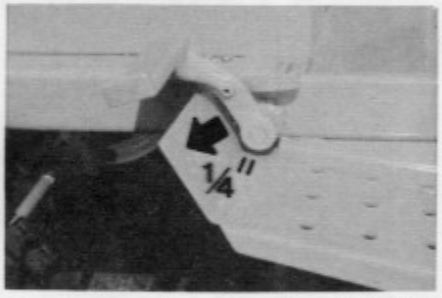
BRAKE AND PARKING BRAKE

A fully depressed brake pedal or an engaged parking brake should be sufficient to prevent the tractor from *rolling* on average hillsides. If the brakes do not perform satisfactorily, the following adjustment may be made which will correct both brakes simultaneously: (See Figure 9).

1. Block front wheels and move range selector to neutral.
2. Remove rear wheel on brake side of transaxle.
3. Disconnect brake pedal return spring where it is attached to the rear end of the brake rod.
4. Remove cotter pin and finger tighten castle nut until the brake friction pads prevent turning the brake dish by hand.
5. Slowly loosen castle nut until brake pedal touches foot rest.
6. Tighten castle nut two full turns.
7. Replace cotter pin and return spring.
8. Test brake.

BRAKE SWITCH

Proper brake switch adjustment causes the drive motor to shut off when the brake is depressed to 1/4 inch from its bottom stop.



If adjustment is required, locate the bolt and nut on the underside of the frame immediately to the right of the brake pedal axle. Loosen this bolt and reposition it before retightening. Measure shutoff position and repeat adjustment if necessary.

STEERING ASSEMBLY

The front axle and steering system of the ELEC-TRAK are extremely rugged. Toe-in, and steering gear and linkage are carefully adjusted at the factory and should require no additional adjustments in normal service, barring improper operation. If any readjustment becomes necessary, contact your dealer.

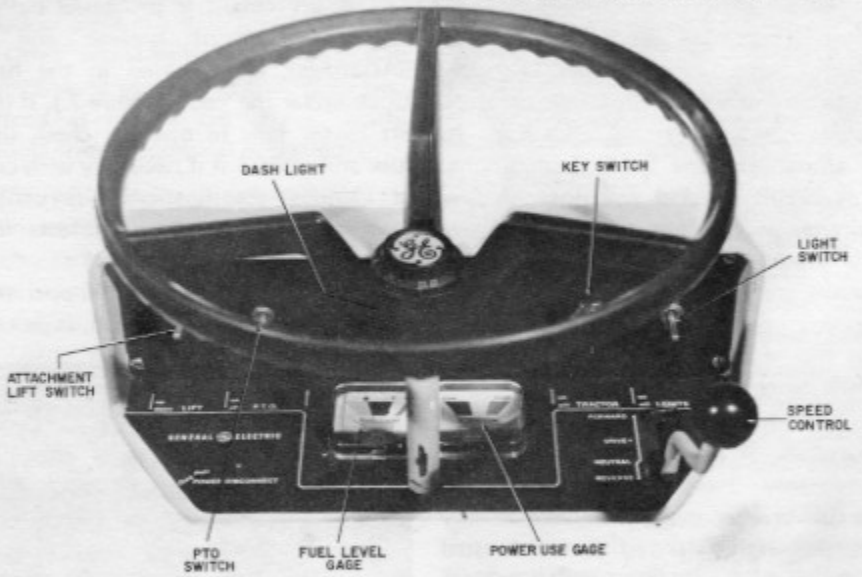


Figure 11. Control Panel

SPECIFICATION CHART

	E12	E15	E20
Drive System			
Speed Control	Electro	Electromatic	Torq-Matic
Transaxle Oil Capacity	4 U.S. pints	4 U.S. pints	4 U.S. pints
General			
Width and Length (overall)	35x69	36x69	42x69
Weight	795 lbs.	850 lbs.	895 lbs.
Turning Radius (inside)	47 inches	47 inches	47 inches
Frame	Unitized	Unitized	Unitized
36 volt Accessory Outlet	Opt.	Std.	Std.
Brakes	Disc	Disc	Disc
Wheels			
Front Tire Size	4.80x8	6.50x8	6.50x8
Rear Tire Size	8.50x12	9.50x12	10.50x12

E-15 PARTS REPLACEMENT CHART

PART NO.	DESCRIPTION
422D831P27	Lift Fuse
422D831P26	Control Fuse
422D831P26	Light Fuse
211A3592P1	Lamp (Headlight)
211A3591P1	Lamp (Dashlight)
211A3226P4	Drive Belt (Order multiples of two only)
163B9802G1	Lift Tape and Clip
211A3505P2	Clevis Pin (For front mounted attachments)
211A3256P2	Hair Pin Cotter (For above clevis pin)
211A3256P3	Hair Pin Cotter (For upper lift axle)
163B9872P8	Washer-Retaining (For upper lift axle)
211A3599P1	Touch up Paint (Spray Yellow)
211A3597P1	Key (On-Off Switch)

42" ROTARY MOWER PARTS REPLACEMENT CHART

PART NO.	DESCRIPTION
211A3471P1	Spring Pin (For caster)
211A3255P1	Spacer (For caster)
211A3505P3	Clevis Pin (For attaching lift belt to mower)
243A4543P1	Hair Pin Cotter (For above clevis pin)
243A4571P3	Adjusting screw (Rear height adjustment thumbscrew)
163B9871P1	Blade (Mower)

PERIODIC SERVICE CHART

Service	Monthly	Every 100 Operating Hours	Yearly
Check power pack water level	X		
Check tire pressures	X		
Check drive belt tension		X	
Check transaxle oil level		X	
Clean power pack top surfaces if necessary		X	
Check fasteners and connectors for tightness		X	
Grease wheels, spindles and steering assembly			X
Oil exposed moving parts – brake pedal, hinges, etc.			X

ELECTRAK ATTACHMENTS AND ACCESSORIES

Rotary Mower Rear Discharge Kit Side Discharge Kit	Tire Chains Battery Terminal Coating
Snow Blower*	Touch Up Paint
Snow/Dozer Blade*	Rotary Mower Blades
Tiller	Blade Sharpener (for drill)
DC Arc Welder	Grease Gun
Power Handle (36VDC) for: Drill Head Hedge Trimmer Head Grass Trimmer	Air Gauge Inverter (6 amp, 110 AC)
	Hydrometer
Chain Saw	Measured Water Filler
Hand Weeder/Cultivator	Chrome Plated Hub Caps (4)
Edger/Trimmer	Storage Cover (Polyethylene)
Sleeve Hitch	Front Light Kit
Pin Hitch	Rear Light Kit

*DUAL PURPOSE MOUNTING BRACKET REQUIRED

TROUBLESHOOTING CHECK LIST

Indication	Possible Causes
Drive motor does not rotate and Fuel Level Gage does not indicate.	• Control fuse open. • Power Disconnect disengaged. • Circuit Breaker opened. • Discharged Power Pack.
Drive motor does not rotate and Fuel Level Gage indicator is upscale.	• Key switch not "On". • Parking brake engaged. • Momentarily return speed control to neutral. • Check connections on either brake or seat safety switches.
Reduced tractor range.	• Check water level in power pack. • Charger not turned to proper "start" setting. • Underinflated tires. • Brake dragging. Check adjustment. • Check drive belts for slipping. • Check front wheel & transaxle lubrication.
Power Pack not charging.	• Power disconnect disengaged. • Circuit breaker opened. Reset manually (see Pg. 7). • Line receptacle inoperative due to open household fuse or circuit breaker. • Failure to turn charger knob to start position.
Lights inoperative.	• Light fuse open. • Bulbs burned out.
Lift inoperative.	• Lift fuse open. • Lift motor connections loose. • Circuit breaker opened.
PTO equipment inoperative but other circuits operative.	• Sit on tractor seat, turn key switch to "On", turn PTO switch to "Off", then "On".
Accessory tools inoperative.	• Power disconnect disengaged. • Circuit breaker open. Reset manually (see Pg. 7). • Check tool plug for loose connection.

POWER PACK WARRANTY

General Electric Company warrants that it will replace without charge, f.o.b. factory, an ELEC-TRAK garden tractor power pack with which this warranty is furnished if it fails because of defects in material or workmanship within 24 months in ordinary home use (six months in commercial or institutional use.) After 24 months in home use, but within 60 months following the date of such sale, the power pack unit will be replaced at a pro rata service charge equal to 1/60th of the list price for replacement units multiplied by the number of months which have elapsed from the date of original purchase to the date of failure. This warranty does not apply to any replacement made necessary by improper use or maintenance, or by abuse or accidental damage.

The foregoing warranty states the entire obligation of General Electric Company with respect to said products and is in lieu of any and all other warranties, express or implied. NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY. IN NO EVENT WILL THE COMPANY BE LIABLE FOR INDIRECT OR CONSEQUENTIAL DAMAGES.

TRACTOR WARRANTY

General Electric Company warrants that it will repair or replace without charge, f.o.b. factory, any part of the ELEC-TRAK garden tractor, mower, snow blower, dozer blade and tiller attachments with which this warranty is furnished which proves to be defective in material or workmanship within 12 months in ordinary home use (3 months if in commercial or institutional use) following the date of sale to the original purchaser for use. This warranty does not apply to the power pack which is separately warranted, nor does it apply to any repair or replacement made necessary by improper use or maintenance, or by abuse or accidental damage.

The foregoing warranty states the entire obligation of General Electric Company with respect to said products and is in lieu of any and all other warranties, express or implied. NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY. IN NO EVENT WILL THE COMPANY BE LIABLE FOR INDIRECT OR CONSEQUENTIAL DAMAGES.

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