

Sears

ALL-SEASON
LAWN AND GARDEN

tractors

another free manual from www.searstractormanuals.com



**SHORTCUT
TO
LEISURE**



**THE ALL
SEASON
TRACTOR**

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SEARS SS/16 TWIN... a New Sound in Power, a New Feel in Performance

Our only tractor with an extra-quiet, extra smooth running twin-cylinder electric-starting engine. The heavy-duty steel frame and heavy box frame axle, plus large turf-saver tires help to make the SS/16 TWIN the smoothest riding tractor in Sears history. Extra large muffler plus twin-cylinder engine also make this our quietest tractor. This tractor handles Sears extra-wide 48 to 42-inch mowers, plus the complete range of Sears tractor attachments.

ONAN® 16 HP TWIN-CYLINDER ENGINE

The most vibration-free, quietest engine in Sears history. Gear driven electric starter has no belts to wear out or replace. Reduced vibration means less wear and tear on engine, tractor... and driver!

SS/16 TWIN TRACTOR DIMENSIONS:

Wheel Base: 43⁷/₁₆-in.
Over-all Length: 67³/₄-in.
Over-all Height: 40³/₄-in.
Over-all Width: 36⁷/₈-in.
Shipping Weight: 675 lbs.

6 Forward, 2 Reverse Speed Transmission			
Speeds Forward (MPH)	Speeds Reverse (MPH)		
Low Range 1st	.80	Low Range 7th	1.00
Low Range 2nd	1.60	High Range 8th	2.50
Low Range 3rd	2.10		
High Range 4th	2.70		
High Range 5th	3.90		
High Range 6th	6.50		

See page 11 for complete listing of attachments



LARGE DIAMETER TIRES FOR A SMOOTH RIDE

Extra-wide, sure-grip turf-saver tires give maximum traction and pulling power, yet protect your lawn.

SS/16 TWIN . 23x9.50 Rear
16x6.50 Front
ST/16 23x9.50 Rear
16x5.50 Front



HIGH-BACK PADDED SEAT FOR COMFORT

Both of these 16 HP Lawn and Garden Tractors have spring-mounted, deep-cushioned seats. SS/16 Twin has higher back for added comfort and support. The seats also adjust front and rear to suit the driver's comfort.

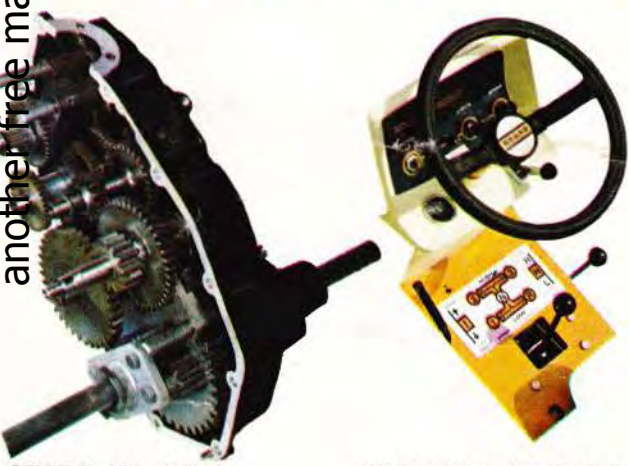


The ST/16 features Sears High Performance 16-HP Overhead Valve Engine

Our first tractor with a high performance overhead valve engine. Develops greater horsepower than similar size conventional engines. Dyna-Static® counter-balancing system cuts vibration, gives smoother ride. New, extra large muffler is extra quieting. Heavy-duty steel frame with full foot rests and foot pads, heavy box frame axle and turf-saver tires make the ST/16 an easy riding tractor. This tractor also handles our complete range of attachments including 42 or 48-in. mowers.

NEW CRAFTSMAN 16 HP OHV ENGINE

The overhead valve design gives greater horsepower per cubic inch. Gear driven electric starter has no belts to wear out or replace. Counter-balancing system cuts vibration, gives smoother ride.



SEARS ALL-GEAR TRANSMISSION

Both of these 16 HP Lawn and Garden Tractors feature Sears rugged and smooth operating transmissions. 6 forward and 2 reverse speeds match the ground speed to the job and the attachment for maximum efficiency.

AUTO-TYPE STEERING AND CONTROL PANEL

Key-start ignition switch, ammeter, light switch, separate choke and throttle controls are in easy reach on the dash. New "Soft Touch" steering wheel plus auto-type steering system give superb handling and maneuverability.

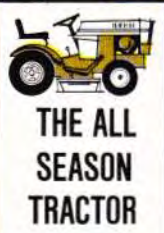
6 Forward, 2 Reverse Speed Transmission			
Speeds Forward (MPH)		Speeds Reverse (MPH)	
Low Range 1st	.80	Low Range 7th	1.00
Low Range 2nd	1.60	High Range 8th	2.50
Low Range 3rd	2.10		
High Range 4th	2.70		
High Range 5th	3.90		
High Range 6th	6.50		

ST/16 TRACTOR DIMENSIONS:

Wheel Base: 43⁷/₁₆-in.
 Over-all Length: 67¹/₁₆-in.
 Over-all Height: 40-in.
 Over-all Width: 36¹/₂-in.
 Shipping Weight: 670 lbs.

See page 11 for complete listing of attachments

**SHORTCUT
TO
LEISURE**



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**SEARS ST/12...
as rugged as the jobs
it performs every day**

HEAVY-DUTY 12 HP CRAFTSMAN ENGINE
This rugged, 12 HP Craftsman engine features convenient all gear electric start. Compression-release and dependable solid-state ignition give fast starts, even in cold weather.

Our lowest priced, full-sized lawn and garden tractor that handles Sears *complete* range of attachments. The 12 HP Craftsman cast iron engine provides plenty of power to operate Sears extra-wide 48 and 42-inch mowers. Heavy duty steel frame with extended padded foot rests. Wide turf-saver tires deliver real pulling power plus rider comfort. Auto-type, ball-joint steering for handling ease.



LARGE DIAMETER TIRES FOR SMOOTH RIDE

Wide design, sure-grip turf-saver tires give maximum traction and pulling power, yet protect your lawn.

HIGH BACK PADDED SEAT GIVES COMFORT

The ST/12 has a thickly-cushioned, spring-mounted seat with a comfortable back rest. The ST/10 has a cushioned, spring-mounted seat with a medium high back rest. Adjustable seats are designed for added comfort.

ST/12 22.5x7.50 Rear
16x5.50 Front
ST/10 22.5x7.50 Rear
16x5.00 Front

**ST/12
TRACTOR
DIMENSIONS:**

Wheel Base: 43⁷/₁₆-in.
Over-all Length: 68¹/₂-in.
Over-all Height: 40-in.
Over-all Width: 36¹/₂-in.
Shipping Weight: 625 lbs.

6 Forward, 2 Reverse Speed Transmission			
Speeds Forward	(MPH)	Speeds Reverse	(MPH)
Low Range 1st	.80	Low Range 7th	1.00
Low Range 2nd	1.60	High Range 8th	2.50
Low Range 3rd	2.10		
High Range 4th	2.70		
High Range 5th	3.90		
High Range 6th	6.50		

See page 11 for complete listing of attachments



SEARS ST/10 ... cuts the big jobs down to size easily

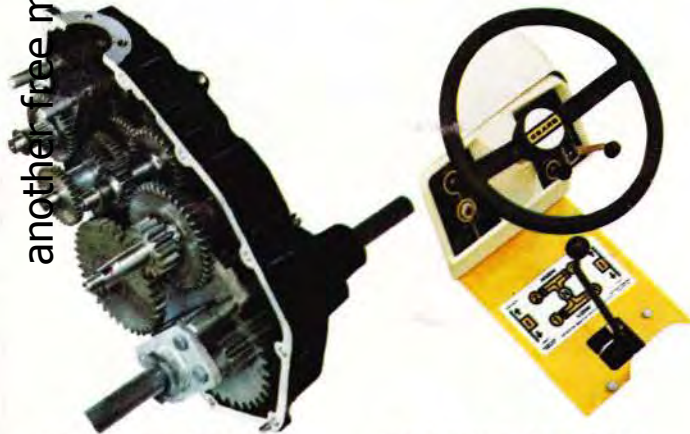
Our lowest priced lawn and garden tractor handles most of Sears year 'round attachments. Also has many of the comfort features of our larger tractors. The ST/10 features an electric-start 10 HP cast-iron Craftsman engine. Uses Sears 38 inch gear-driven mower attachment. Turf-saver-tires and auto-type steering provide easy handling and maneuverability, plus driver comfort.

CRAFTSMAN 10 HP CAST-IRON ENGINE

Heavy-duty cast-iron 10 HP engine is specially adapted for this hard-working compact design lawn and garden tractor. Features electric start with solid-state ignition for quick, all-weather starting.

ST/10 TRACTOR DIMENSIONS:

Wheel Base: 43½-in.
Over-all Length: 63-in.
Over-all Height: 37-in.
Over-all Width: 34-in.
Shipping Weight: 560 lbs.



SEARS ALL-GEAR TRANSMISSION

Both the ST/12 and ST/10 tractors feature Sears rugged and smooth operating all-gear transmissions. 6 forward and 2 reverse speeds match the ground speed to the job and the attachment for maximum efficiency.

AUTO-TYPE STEERING AND CONTROL PANEL

Key-start ignition switch, light switch, separate choke and throttle controls are in easy reach on the dash. New "Soft Touch" steering wheel plus auto-type steering system. (Shown, ST/10 dash. ST/12 dash same as ST/16.)

6 Forward, 2 Reverse Speed Transmission

Speeds Forward (MPH)	Speeds Reverse (MPH)
Low Range 1st .80	Low Range 7th 1.00
Low Range 2nd 1.60	High Range 8th 2.50
Low Range 3rd 2.10	
High Range 4th 2.70	
High Range 5th 3.90	
High Range 6th 6.50	

See page 11 for complete listing of attachments

Sears

New! 8-HP



**... for the family who wants
a great mowing machine!**

**SHORTCUT
TO
LEISURE**



**THE ALL
SEASON
TRACTOR**

If you want the convenience and riding comfort of a tractor, but don't need the added versatility of our large Lawn and Garden Tractors, Sears New 8 HP Lawn Tractor is for you. This rugged tractor is designed primarily for mowing and lawn care, but gives you much more than just a riding mower. The extra comfort and easy ride of large, fully pneumatic front and rear tires, a heavy steel tractor frame and auto type steering set the Lawn Tractor aside from ordinary mowing machines. Deep-cushioned, double-spring mounted seats add to the operator comfort. Wide 36-in. mowing attachment removes quickly and easily. A variety of pull-behind and snow removal attachments is also available. (See pg. 11 for the complete list of attachments).

The all new Lawn Tractor is available in your choice of manual or electric start. Both models feature a Briggs & Stratton 8 HP engine and rugged 3 forward, 1 reverse speed transmission to match the speed and power to the job. Before you buy a mowing machine, test drive the New Sears Lawn Tractor on your own yard. Compare it for riding comfort, maneuverability and steering ease, quality of cut, power, attachment versatility and overall performance. Dollar for dollar, you get more with Sears new, budget priced Lawn Tractor. 8 HP Lawn Tractor Dimensions... LT/8E (Electric Start): Wheel Base—42-in.; Length—59½-in.; Height—40-in.; Width—34-in.; Weight—350 lbs. LT/8 (Manual Start). Wheel Base—42-in.; Length 59½-in.; Height—40-in.; Width—33½-in.; Weight—325 lbs.

Lawn Tractors

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BRIGGS & STRATTON 8-HP ENGINES
 Proven Kool-Bore® construction reduces engine heat. Rubber engine mountings absorb vibrations for longer life, smoother ride. Choice of manual or 12-volt electric start.



RUGGED 3 SPEED TRANSMISSIONS
 3 forward and 1 reverse all gear, direct drive transmission to handle a variety of attachments. Speeds forward: 1.8, 3.6 and 5.4 MPH. Reverse: 2.5 MPH.



AUTO-TYPE DASH AND STEERING
 New "Soft-touch" steering wheel plus auto-type steering system for superb handling ease. Short turning radius gives outstanding maneuverability. Electric start dash shown.



PNEUMATIC TIRES GIVE EASY RIDE
 Designed for pulling power, traction and comfort without damage to lawn.

LT/8E	18x8.50	Rear
	15x6.00	Front
LT/8	16x6.50	Rear
	13x5.00	Front

Sears wide assortment

... for complete mowing and lawn care ...

Sears mowing attachments meet all safety requirements of the Outdoor Power Equipment Institute. Sears mowing attachments are designed for maximum cutting efficiency. Clippings are discharged evenly through a deflector chute that deflects heavy objects to the ground.

For safety, tractor cannot be started while mowing attachment or the tractor itself is in gear.

A. Two blade 36-in. mowing attachment for 8 HP Lawn Tractors. Flip-up deflector.

B. Two blade 38-inch mowing attachment for 10 HP tractors.

C. 42 and 48-inch three blade mowing attachments for 12 through 16 HP tractors.



Tractor attachments get the big jobs done faster

D. 36-inch Lawn Roller. For leveling frost heaves or for use in preparing new lawns. Fill with water to increase weight to 450 lbs. 18-in. diameter.

E. 36 and 48 inch Spreader-Seeders. Uniformly spread fertilizers, grass seed and soil conditioners. On-off control from tractor seat. Mechanical agitator.

F. 36-in. Lawn Aerator. Effectively provides hundreds of holes for soil aeration, better penetration of fertilizer and moisture. Has weight box.

G. Litter-Whisk® Sweeper. 36-in. adjustable brushes sweep grass clippings, leaves and twigs into hopper. Brushes powered by rear tractor wheels with friction drive. Dump load from tractor with pull cord.

H. Self-Powered Lawn Vacuum. Sucks grass clippings, twigs, leaves directly from mower discharge chute into covered carrier. Hand vacuum hose also available.



of tractor attachments



. . . for snow removal, grading, and bulk material handling

Yard care and gardening are easy with Sears tractor attachments. Snow removal is a breeze with snow throwers and dozer blades that save you time and work.

J. Powerful Snow Thrower Attachment. High-speed, ribbon-type augers make quick work of snow removal from driveways, walks and parking areas. Screw-type discharge chute control adjusts right, left or forward from the driver's seat. Adjustable discharge deflector controls throwing distance. Available in 35 or 39-in. width. Winter cab, wheel weights and chains sold separately.

Tractor attachments that help you do those Big jobs

K. 42 and 46-inch Dozer Blades. For snow removal or grading of loose dirt or gravel. Heavy-steel blades with replaceable cutting edge. 17½-in. high blade can be angled from driver's seat.

L. Sickle Bar Mower. Designed for cutting large areas of tall grass or weeds. Cuts a 40-in. wide swath. For 12 to 16 HP Sears tractors.

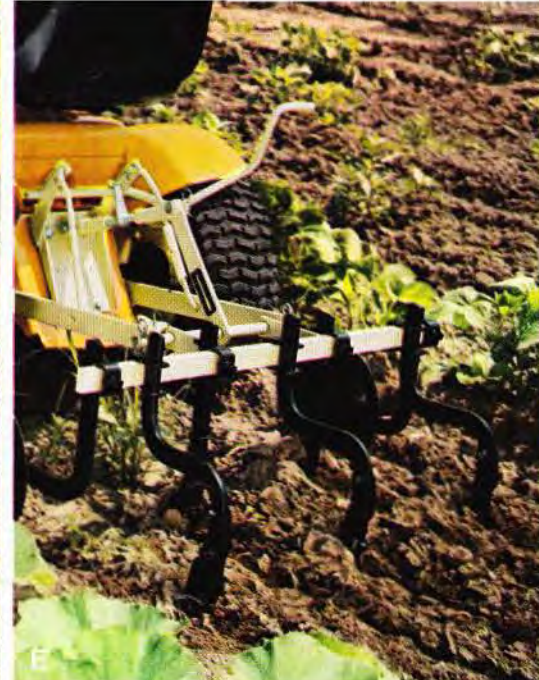
M. Grader-Leveler. Ideal for leveling new yards and grading driveways. All-steel 42-in. wide blade is 9 inches high. Tilt and angle of blade can be adjusted. Available in both rear and center mount models.

N. All-Purpose Hydraulic-Loader. Use with 36-in. bucket, or manure tine fork. Rear weights required. Dual wheels recommended.

O. Steel Dump Cart. Available in 7, 10, 18-cu ft. sizes. For hauling soil, gravel, tools and more. Dumps to unload.



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for cultivating and garden work ...

A. 8 and 10-inch Plows

Heavy steel, cuts up to 6 inches deep. Use 8-inch plow on smaller tractors, 10-inch on 12-16 HP tractors. Wheel weights required.

B. 30-inch Disc Harrow

Two gangs of large 12-in. discs are placed 5 inches apart and can be angled in 3 different positions. Cut up trash, level and pulverize soil after plowing.

C. 40-inch Drag Harrow

Levels, pulverizes and breaks clods. Use after discing for smooth, fine seed beds. Teeth are spaced to give a cut every 2 in. Harrow adjusts from flat to vertical.

D. Adjustable Sweep Holder

Comes with 10-in. middle-buster shovel. Use to make planting furrows or hilling. 14-in. sweep and 5x8-in. corn shovel also available for weeding and furrowing.

E. Adjustable Cultivator

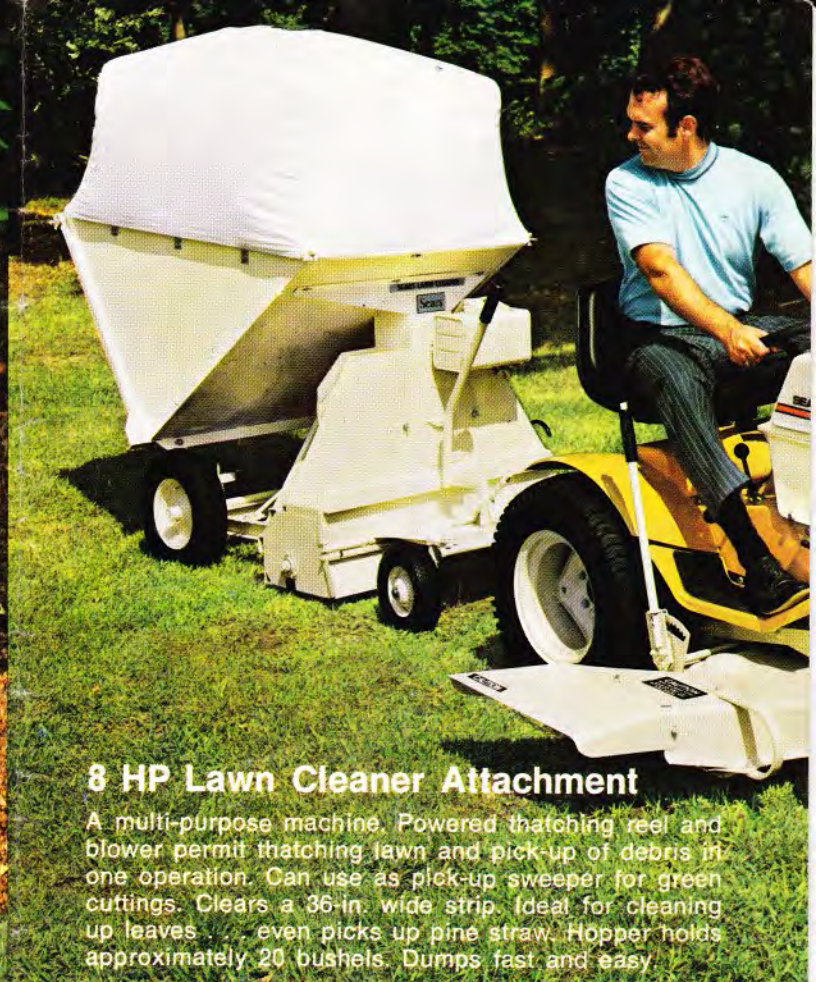
Cultivates rows 20 to 30 inches apart. Comes with five 6-in. sweeps or 2x8-in. double-point shovels. Hillers for hilling and weeding hoes also available.

F. 8 HP Roto Spader Attachment

Prepares seed beds and lets you work organic material into the soil. Slasher tines dig up to 5½ inches deep and cut a 38-inch wide swath.

Other attachments for your lawn and garden tractor

- **One-Operation Vegetable Planter.** Opens furrow, drops and covers seeds, fertilizes in one fast operation.
- **5-foot Dump Rake.** Bunches cut hay, tall grass and weeds. Rakes 60-in. wide strip with 16 spring steel teeth. 26-in. high.
- **Scraper-Scarifier.** Use to move dirt, gravel, etc. for leveling. Scarifier teeth loosen hard packed material.
- **48-in Flail Mower.** Mounts on front of tractor to cut and shred high weeds and grass. Ideal mower for large areas.
- **2½-cubic foot Tote Box.** Mounts on front tractor axle. Carry tools, sand, gravel, etc. Dumps to unload.

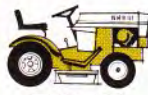

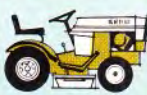






New! Tractor Shredder Attachment

3 blade breaker bar-type shredder driven with tractor engine gives outstanding shredding capacity. Shreds leaves, garden debris, tree trimmings. Eliminates need for burning. Leaf ramp and bagger attachment also available. Reduces bulk of organic material up to 90% for easy disposal or use as mulch or compost.

8 HP Lawn Cleaner Attachment

A multi-purpose machine. Powered thatching reel and blower permit thatching lawn and pick-up of debris in one operation. Can use as pick-up sweeper for green cuttings. Clears a 36-in. wide strip. Ideal for cleaning up leaves... even picks up pine straw. Hopper holds approximately 20 bushels. Dumps fast and easy.

SHORTCUT TO LEISURE							
	THE ALL SEASON TRACTOR	SS/16 Twin 16-HP No. 2575	ST/16 16-HP No. 2574	ST/12 12-HP No. 2573	ST/10 10-HP No. 2572	LT/8E 8-HP No. 2571	LT/8 8-HP No. 2570

Attachments for Sears Lawn and Garden and Lawn Tractors

	SS/16 Twin	ST/16	ST/12	ST/10	LT/8E	LT/8		SS/16 Twin	ST/16	ST/12	ST/10	LT/8E	LT/8
48-in. Rotary Mower	X	X	X				Power Sprayer †	X	X	X	X	X	X
42-in. Rotary Mower	X	X	X				Tote Box	X	X	X	X		
38-in. Rotary Mower				X			Hauling Cart	X	X	X	X	X	X
36-in. Rotary Mower					X	X	Plow-Disc-Drag*	X	X	X	X		
40-in. Sickle Bar Mower	X	X	X				Sweep Holder* †	X	X	X	X		
Flail Mower †	X	X	X				Cultivator*	X	X	X	X		
Lawn Vac †	X	X	X	X			Roto Spader*	X	X	X	X		
Lawn Cleaner †	X	X	X	X			Shredder Attachment	X	X	X			
Litter-Whisk® Sweeper †	X	X	X	X			Planter Attachment* †	X	X	X	X		
Pull-behind Sweeper †	X	X	X	X	X	X	Roller	X	X	X	X	X	X
Snow Thrower	X	X	X	X	‡	‡	Aerator †	X	X	X	X	X	X
Dozer Blade	X	X	X	X	‡	‡	Fertilizer Spreaders	X	X	X	X	X	X
Rear Grader Blade*	X	X	X	X			Dump Rake	X	X	X	X		
Center Mounted Blade	X	X	X				Tractor Cab	X	X	X	X		
Hydraulic Loader †	X	X	X				3-Point Hitch	X	X	X	X		

*Requires 3-point hitch

†Not available in Canada

‡Available July, 1973

Arrange for your **FREE** Home Demonstration of any **Sears All-Season Tractor . . .**

Call or visit Sears today and ask your salesman for a free home demonstration. Discover for yourself, on your own property, with absolutely no obligation, how easy even the hardest work can be with Sears easy-handling and versatile all-season tractors.

Sears Lawn and Garden Tractor Service is as near as your neighborhood store . . .

Sears Service Centers maintain a wide stock of replacement tractor parts at all times. Fully trained mechanics stand ready to perform maintenance and are your assurance of service when and where you need it. Sears service is as near as your phone. And remember, we service what we sell no matter where you live or move in the U.S.A.

Use One of Sears Convenient Credit Plans

Sears Tractor Guarantee

Sears tractors are guaranteed as follows for one year from date of sale: If any defects in material or workmanship appear during this time, we will make all necessary repairs, including parts and labor, at no cost to you. Tractor with batteries: If battery proves defective and will not hold a charge, in exchange we will; during the first 90 days, replace battery at no cost; after 90 days, replace battery, charging customer 1/12th of the new battery price for each full month from sale date. Equipment used for commercial or rental purposes, is guaranteed for 30 days.

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ideas for better living...

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