



A Textron Company

OWNER'S GUIDE SUPPLEMENT

EXCEED HYBRID TECHNOLOGY SYSTEM



618966

ISSUED AUGUST 2011 REVISED OCTOBER 2011

WELCOME

Thank you for purchasing this vehicle. Before driving the vehicle, we ask you to spend some time reading this Owner's Guide Supplement. This contains safety information to make you aware of the hazards and risks associated with engines and how to avoid them. It also contains instructions for the proper use and care of the engine. Physical differences in controls will be illustrated.

Most of the service procedures in this guide can be accomplished using common, automotive hand tools. Contact your service representative on servicing the vehicle in accordance with the Periodic Service Schedule.

Service Parts Manuals, as well as Repair and Service Manuals, are available from a local Distributor, an authorized Branch, Genuine E-Z-GO Parts & Accessories Department or at www.shopezgo.com. When ordering parts or requesting information for your vehicle, provide the vehicle model and Serial Number and/or VIN.

The following information is needed when contacting E-Z-GO concerning service or parts for your vehicle:

Serial Number _____

VIN _____

Vehicle Model _____

Manufacturing Date Code _____

Date of Purchase _____

WELCOME

Thank you for purchasing this vehicle. Before driving the vehicle, we ask you to spend some time reading this Owner's Guide Supplement. This contains safety information to make you aware of the hazards and risks associated with engines and how to avoid them. It also contains instructions for the proper use and care of the engine. Physical differences in controls will be illustrated.

Most of the service procedures in this guide can be accomplished using common, automotive hand tools. Contact your service representative on servicing the vehicle in accordance with the Periodic Service Schedule.

Service Parts Manuals, as well as Repair and Service Manuals, are available from a local Distributor, an authorized Branch, Genuine E-Z-GO Parts & Accessories Department or at www.shopezgo.com. When ordering parts or requesting information for your vehicle, provide the vehicle model and Serial Number and/or VIN.

The following information is needed when contacting E-Z-GO concerning service or parts for your vehicle:

Serial Number _____

VIN _____

Vehicle Model _____

Manufacturing Date Code _____

Date of Purchase _____

Read all of this manual to become thoroughly familiar with this vehicle. Pay particular attention to all Notices, Cautions, Warnings, and Dangers.

OWNER'S GUIDE SUPPLEMENT

EXCEED HYBRID TECHNOLOGY SYSTEM

FREEDOM EXCEED

SHUTTLE 2+2 EXCEED

SHUTTLE 2+2 HS EXCEED

2Five TWO-PASSENGER EXCEED

2Five FOUR-PASSENGER EXCEED

STARTING MODEL YEAR 2012

E-Z-GO Division of TEXTRON Inc. reserves the right to incorporate engineering and design changes to products in this Manual, without obligation to include these changes on units leased/sold previously.

The information contained in this Manual may be revised periodically by E-Z-GO, and therefore is subject to change without notice.

E-Z-GO DISCLAIMS LIABILITY FOR ERRORS IN THIS MANUAL, and E-Z-GO SPECIFICALLY DISCLAIMS LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES resulting from the use of the information and materials in this Manual.

TO CONTACT US

NORTH AMERICA:

TECHNICAL ASSISTANCE & WARRANTY PHONE: 1-800-774-3946, FAX: 1-800-448-8124

SERVICE PARTS PHONE: 1-888-GET-EZGO (1-888-438-3946), FAX: 1-800-752-6175

GENUINE E-Z-GO PARTS & ACCESSORIES PHONE: 1-888-GET-EZGO (1-888-438-3946), FAX: 1-800-752-6175

INTERNATIONAL:

SALES PHONE: 001-706-798-4311, FAX: 001-706-771-4609

The Official Online Store for E-Z-GO Genuine Parts & Accessories - SHOPEZGO.COM

E-Z-GO DIVISION OF TEXTRON INC. 1451 MARVIN GRIFFIN ROAD, AUGUSTA, GEORGIA 30906-3852, USA.

FOREWORD

Read all of this manual to become thoroughly familiar with this vehicle. Pay particular attention to all Notices, Cautions, Warnings, and Dangers.

This vehicle has been designed and manufactured in the United States of America (USA) as a 'World Vehicle'. The Standards and Specifications listed in the following text originate in the USA unless otherwise indicated.

The use of non Original Equipment Manufacturer (OEM) approved parts may void the warranty.

Overfilling battery may void the warranty.

Tampering with or adjusting the governor to permit vehicle to operate at above factory specifications will void the vehicle warranty.

When servicing engines, all adjustments and replacement components must be per original vehicle specifications in order to maintain the United States of America Federal and State emission certification applicable at the time of manufacture.



A Textron Company

TITLE	PAGE NO.
SAFETY INFORMATION SECTION	1
GENERAL SPECIFICATIONS SECTION	7
INTRODUCTION SECTION	9
OPERATING PROCEDURES SECTION	13
MAINTENANCE PROCEDURES SECTION	19



TABLE OF CONTENTS FOR SAFETY INFORMATION SECTION

TITLE	PAGE NO.
GENERAL	3
GENERAL OPERATION.....	3
MAINTENANCE	3
VENTILATION.....	4
LABELS AND PICTOGRAMS.....	5

Read all of this manual to become thoroughly familiar with this vehicle. Pay particular attention to all Notices, Cautions, Warnings, and Dangers.

GENERAL

All vehicles can be used for a variety of tasks beyond the original intended use of the vehicle; therefore, it is impossible to anticipate and warn against every possible combination of circumstances that may occur. No warning can replace good common sense and prudent driving practices.

Good common sense and prudent driving practices do more to prevent accidents and injury than all of the warnings and instructions combined. E-Z-GO strongly suggests that all users and maintenance personnel read this entire manual paying particular attention to the CAUTIONS, WARNINGS and DANGERS contained therein.

If you have any questions regarding this vehicle, contact your E-Z-GO dealer or write to the address on the back cover of this publication, Attention: Customer Care Department.

E-Z-GO reserves the right to make design changes without obligation to make these changes on units previously sold. The information contained in this manual is subject to change without notice.

E-Z-GO IS NOT LIABLE FOR ERRORS IN THIS MANUAL. E-Z-GO IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES THAT RESULT FROM THE USE OF THE MATERIAL IN THIS MANUAL.

GENERAL OPERATION

ALWAYS:

- use the vehicle in a responsible manner and maintain the vehicle in safe operating condition
- read and observe all warnings and operation instruction labels affixed to the vehicle
- turn engine off and let engine cool at least 2 minutes before removing the fuel cap
- fill fuel tank outdoors or in well-ventilated area
- keep fuel away from sparks, open flames, pilot lights, heat, and other ignition sources
- start and run engine outdoors
- clean the fuel cap area of dirt and debris
- transport vehicle with fuel tank EMPTY or with fuel shut-off valve OFF
- do not choke to stop engine
- use extreme caution in areas where pedestrians are present

MAINTENANCE

ALWAYS:

- replace damaged or missing warning, caution or information labels
- maintain the engine in accordance with the manufacturer's periodic service schedule
- ensure that repairs are performed by trained and qualified personnel
- follow the manufacturer's maintenance procedures
- use specified replacement parts, NEVER use replacement parts of lesser quality
- use recommended tools
- determine that tools and procedures not specifically recommended by the manufacturer will not compromise the safety of personnel nor jeopardize the safe operation of the vehicle
- support the vehicle using wheel chocks and jack stands, NEVER get under a vehicle that is supported by a jack, lift the vehicle in accordance with the manufacturer's instructions
- maintain the vehicle in an area away from exposed flame or persons who are smoking
- be aware that a vehicle that is not performing as designed is a potential hazard and must not be operated
- test drive the vehicle after any repairs or maintenance in a safe area that is free of both vehicular and pedestrian traffic
- keep complete records of the maintenance history of the vehicle

SAFETY INFORMATION

Read all of this manual to become thoroughly familiar with this vehicle. Pay particular attention to all Notices, Cautions, Warnings, and Dangers.

The manufacturer cannot anticipate all situations, therefore people attempting to maintain or repair the vehicle must have the skill and experience to recognize and protect themselves from potential situations that could result in severe personal injury or death and damage to the vehicle. Use extreme caution and, if unsure as to the potential for injury, refer the repair or maintenance to a qualified mechanic.

VENTILATION

Store away from furnaces, stoves, water heaters or other appliances that have pilot lights or other ignition sources because they can ignite fuel vapors. Always store in a well ventilated area. Ventilation prevents gasoline fumes from accumulating.

Never fuel a vehicle in an area that is subject to flame or spark. Pay particular attention to natural gas or propane water heaters and furnaces.

Never work around or operate a vehicle in an environment that does not ventilate exhaust gases from the area. Carbon monoxide is a dangerous gas that can cause unconsciousness and is potentially lethal.

Read all of this manual to become thoroughly familiar with this vehicle. Pay particular attention to all Notices, Cautions, Warnings, and Dangers.

LABELS AND PICTOGRAMS



KEEP HANDS AND FINGERS
AWAY FROM HOT SURFACES

KEEP HANDS AND CLOTHING AWAY
FROM DRIVE BELT AND PULLEY'S



KEEP HANDS AND FINGERS AWAY
FROM FAN BLADES



TABLE OF CONTENTS FOR GENERAL SPECIFICATIONS SECTION

TITLE	PAGE NO.
EXCEED HYBRID TECHNOLOGY SYSTEM - GAS ENGINE SPECIFICATIONS	8

GENERAL SPECIFICATION

Read all of this manual to become thoroughly familiar with this vehicle. Pay particular attention to all Notices, Cautions, Warnings, and Dangers.

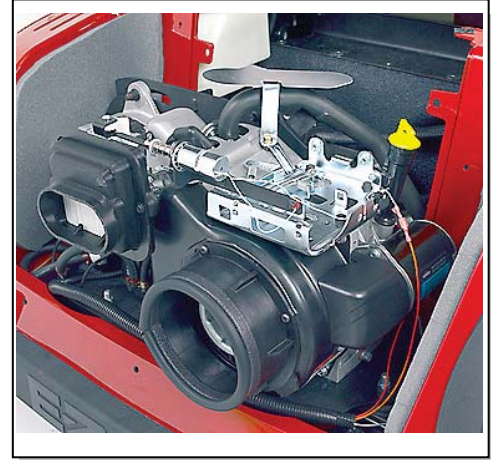


A Textron Company

MODEL: FREEDOM EXCEED
SHUTTLE 2+2 EXCEED
SHUTTLE 2+2 HS EXCEED
2Five TWO-PASSENGER EXCEED
2Five FOUR-PASSENGER EXCEED

FEATURE: EXCEED HYBRID TECHNOLOGY SYSTEM

YEAR: 2012



ENGINE SPECIFICATIONS

ENGINE: 12S435931009 - Horizontal Shaft, 9 GROSS TORQUE 900 SERIES

- | | |
|--|--|
| ● Model: 120000 | ● Stroke: 2.200 in (55.88 mm) |
| ● Displacement: 12.48 ci (205 cc) | ● Engine Oil Capacity: 18 - 20 oz (0.54 - 0.59 L) |
| ● Bore: 2.688 in (68.28 mm) | |

TUNE-UP SPECIFICATIONS *

- | | |
|---------------------------------|-----------------------------------|
| Spark Plug Gap: | 0.030 in (0.76 mm) |
| Spark Plug Torque: | 180 lb-in (20 Nm) |
| Armature Air Gap: | 0.010 - 0.014 in (0.25 - 0.36 mm) |
| Intake Valve Clearance: | 0.004 - 0.006 in (0.10 - 0.15 mm) |
| Exhaust Valve Clearance: | 0.009 - 0.011 in (0.23 - 0.28 mm) |

* Engine power will decrease 3.5% for each 1,000 feet (300 meters) above sea level and 1% for each 10° F (5.6° C) above 77° F (25° C). The engine will operate satisfactorily at an angle up to 15°. Refer to the equipment operator's manual for safe allowable operating limits on slopes.

TABLE OF CONTENTS FOR INTRODUCTION SECTION

TITLE	PAGE NO.
FEATURES	11
ON/OFF Switch	11
Choke Control.....	12
Fuel Tank Cap (Gauge).....	12
Inverter Outlet.....	12
Dipstick.....	12

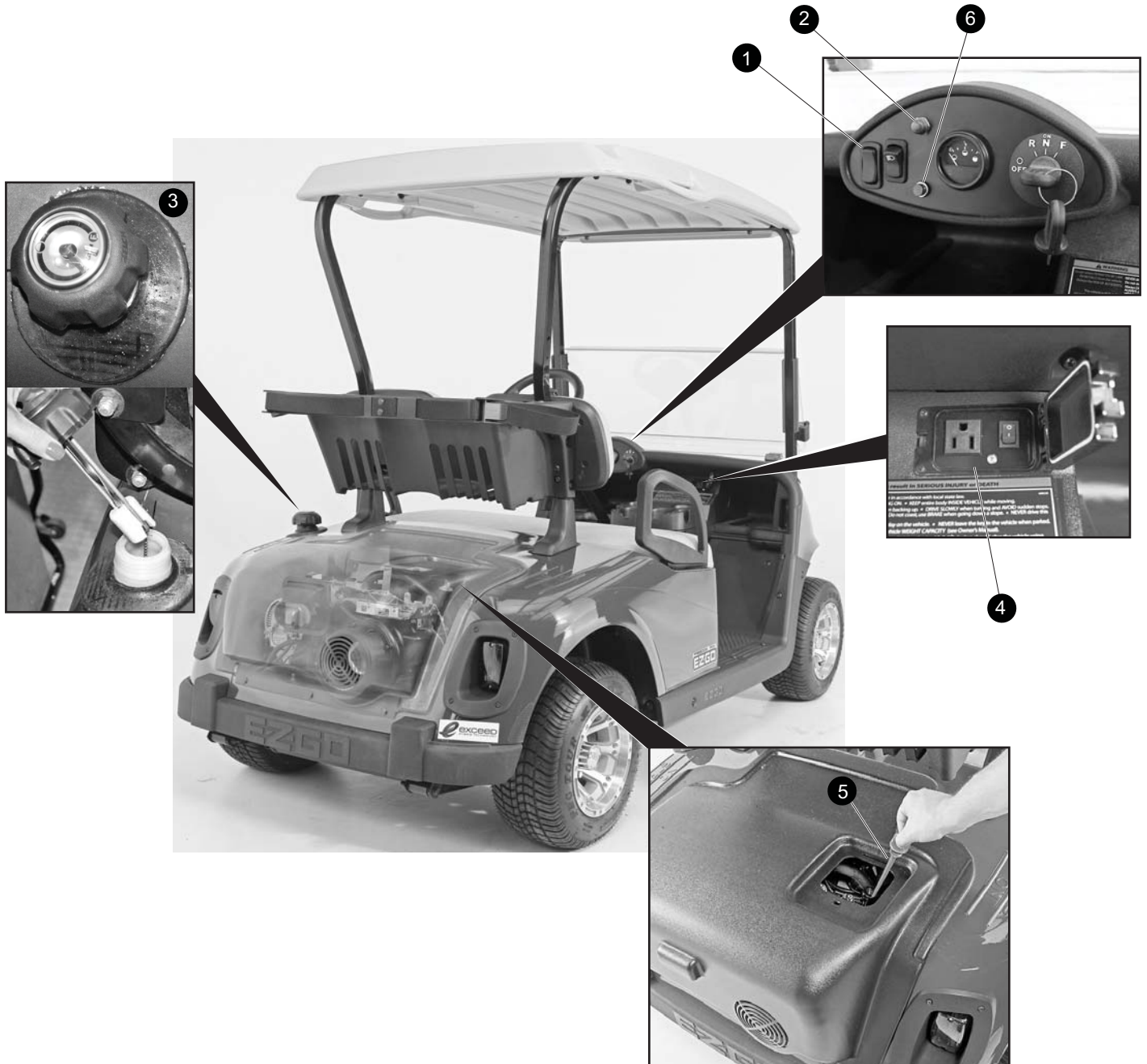
Read all of this manual to become thoroughly familiar with this vehicle. Pay particular attention to all Notices, Cautions, Warnings, and Dangers.

FEATURES

General Information

NOTICE

If the vehicle is equipped with factory installed custom accessories, some accessories remain operational with the key switch in the 'OFF' position.



Oil Access Panel

1. ON/OFF Switch

Located on the dash panel, is a three position switch. To turn ON the Exceed unit, press the top half of the switch. When unit starts, release and the switch will default to the middle position. The batteries start charging when the exceed unit is switched ON. Exceed unit is turned OFF by pressing the bottom half of the switch.

INTRODUCTION

Read all of this manual to become thoroughly familiar with this vehicle. Pay particular attention to all Notices, Cautions, Warnings, and Dangers.

2. Choke Control

NOTICE

Choke is usually unnecessary when restarting a warm engine.

Use of the choke may be needed for cold starts or if the exceed unit does not start while pressing the Exceed Switch. Press the choke button (not more than 10 seconds) while pressing the Exceed switch and release when the Exceed unit starts.

3. Fuel tank cap (Gauge)

Fuel tank cap has a gauge to check amount of fuel available.

4. Inverter outlet

An inverter outlet is available on cup console as shown and is rated at a maximum of 400 watts.

5. Dipstick

Dipstick is located under the oil access panel which is used to check oil level.

Remove the dipstick and wipe with a clean cloth. Insert and tighten the dipstick. Remove the dipstick and check the oil level. It should be at the top of the full indicator on the dipstick.

6. Red Indicator Light

Located on the dash panel, signals if the Exceed generator system disengages due to excessive discharged batteries.

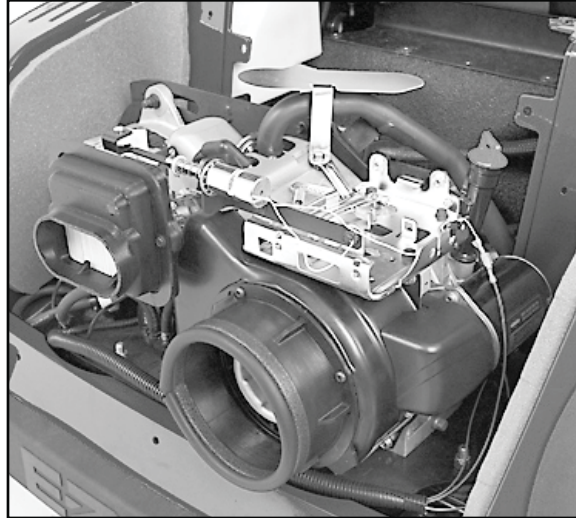
TABLE OF CONTENTS FOR OPERATING PROCEDURES SECTION

TITLE	PAGE NO.
EXCEED HYBRID UNIT by E-Z-GO	15
BEFORE INITIAL USE	15
OPERATING THE VEHICLE.....	16
Cold Starting.....	16
Starting and Driving	16
Fuel.....	17

Read all of this manual to become thoroughly familiar with this vehicle. Pay particular attention to all Notices, Cautions, Warnings, and Dangers.

EXCEED HYBRID UNIT by E-Z-GO

The Exceed Hybrid unit is a fully integrated supplemental power source. Get up to 150 miles on a single charge and benefit from the convenience of an on-board generator and 120 volt, three prong power outlet. It has sufficient power output to maintain or even recharge the batteries while you are driving, if your average speed is below about 16 MPH and your vehicle is lightly loaded.



If the vehicle is driven at faster speeds, it will not be able to maintain the state of charge. Essentially, it will be using power from the Exceed generator and battery pack. Because a significant portion of power to drive the car will still be coming from Exceed generator, it will substantially increase the range from what it would be if you were to operate the vehicle just off of the batteries.

NOTICE

The Exceed system will only recharge the batteries to about 80% state of charge. It will not top off the batteries as the standard charger does. It is designed this way to prevent boiling of the electrolyte and causing battery damage. Therefore, it is important that the vehicle be recharged on a regular basis with the regular charger.

BEFORE INITIAL USE

Read and follow the safety label on the instrument panel. Be sure you understand how to operate the vehicle and its equipment as well as how to use it safely.

Maintaining good performance depends to a large extent on the operator.

1. Before starting on your travel, check fuel tank cap (gauge) for amount of fuel available.
2. Refill if needed, avoid spilling of gasoline.
3. Check oil level as shown.
4. Remove dipstick and wipe with a clean cloth. Insert and tighten dipstick.
5. Remove dipstick and check the oil level. It should be at the top of the full indicator on the dipstick.



OPERATING PROCEDURES

Read all of this manual to become thoroughly familiar with this vehicle. Pay particular attention to all Notices, Cautions, Warnings, and Dangers.

OPERATING THE VEHICLE



CAUTION

Improper use of the vehicle or the lack of proper maintenance may result in damage or decreased performance.

1. Turn the Exceed generator ON and OFF as desired/needed.
2. To start the Exceed unit, press the top half of the Exceed unit switch as shown.
3. When unit starts, release and the switch will default to the middle position.
4. To optimize the vehicle range on a single tank of gas, start off with a full charge and then engage the Exceed generator after about 3 to 5 miles of driving and then leave it on continuously while driving to help maintain the battery state of charge.



CAUTION

If you completely deplete the battery pack and then turn on the Exceed generator, you will need to allow the vehicle to sit or drive it very slowly until the batteries are partially recharged, otherwise the Exceed generator system will disengage, as signaled by the red light on the dashboard. This is to prevent discharging the batteries below a safe level, where significant permanent battery damage can happen.

Cold Starting

Starting a cold engine **may** require use of the choke. Use of choke may be needed for cold starts or if the Exceed unit does not start while pressing the Exceed switch.

1. Press the choke button as shown (not more than 10 seconds) and release when the Exceed unit starts.



Starting and Driving

If **not** planning to drive a long distance, then run in regular electric mode.

If you know that you will be driving a distance that will exceed the normal range of the vehicle, then you should turn the Exceed generator on while driving.

NOTICE

When the Exceed generator disengages due to low battery state of charge, stop driving for at least 30 seconds for the unit to re-engage and begin charging again. Continue driving only when it has a chance to partially recharge the batteries.

If you maintain a slow speed, you can drive almost entirely off of the generator, so you will not have to sit very long.

Read all of this manual to become thoroughly familiar with this vehicle. Pay particular attention to all Notices, Cautions, Warnings, and Dangers.



CAUTION

Do not overfill engine. Too much oil may cause smoking or allow oil to enter the air filter enclosure.

NOTICE

The oil dipstick/fill cap must be in place before operating the engine. Failure to install the dipstick/fill cap will result in oil becoming contaminated and/or being discharged into the engine compartment.

Oil dipsticks are unique to this model vehicle. Do not interchange oil dipsticks between models.

The oil should be changed in accordance with Periodic Service Schedule. Refer to Briggs & Stratton Operator's Manual.

Fuel



WARNING

To reduce the possibility of severe injury or death from improper fuel handling:

Do not smoke near the fuel tank.

Do not refuel near open flame or electrical items which could produce a spark.

Always handle gasoline in a well ventilated area.

Always wear eye protection to protect against splashed fuel and fuel vapors.

Always allow adequate space for the expansion of gasoline. Leave at least 1" (2.5 cm) space below bottom of filler neck.

Inspect fuel cap, tank and other components for leaks or deterioration that could cause a hazardous condition.

Fill the tank with fresh, clean, 87 octane gasoline (with up to 10% ethanol max.). **Do not** use gasoline which contains Methanol.



CAUTION

Some fuels, called oxygenated or reformulated gasoline, are gasoline blended with alcohols or ethers. Excessive amounts of these blends can damage the fuel system or cause performance problems. If any undesirable operating symptoms occur, use gasoline with a lower percentage of alcohol or ether.

Use fresh regular grade unleaded fuel. Ethanol blend fuel up to 10% is permissible.

TABLE OF CONTENTS FOR MAINTENANCE PROCEDURES SECTION

TITLE	PAGE NO.
CLEANING AND CARE	21
Cleaning	21
SERVICE AND MAINTENANCE	21
Checking the Oil Level.....	22
PROLONGED STORAGE	23
PERIODIC SERVICE SCHEDULE.....	23
GENERATOR BELT TENSION.....	23
Adjusting the Belt	24
AIR CLEANER INSPECTION AND REPLACEMENT.....	24

Read all of this manual to become thoroughly familiar with this vehicle. Pay particular attention to all Notices, Cautions, Warnings, and Dangers.

CLEANING AND CARE

Cleaning

WARNING

To reduce the possibility of severe injury or vehicle damage, read and understand all instructions supplied by manufacturer of pressure washer.

CAUTION

Do not pressure wash inside the Hybrid Exceed Unit. When pressure washing exterior of vehicle, do not use pressure in excess of 700 psi. To reduce the possibility of cosmetic damage, do not use any abrasive or reactive solvents to clean plastic parts.

If cleaning of the Exceed unit is desired, disconnect the positive terminal wire from alternator to battery. Use warm soapy water to clean off dirt. Always use a dry lint free cloth to dry all connections.

It is important that proper techniques and cleaning materials be used. Using excessive water pressure may cause severe injury to operator or bystander, damage to seals, plastics, seat material, body finish or electrical system. Do not use pressure in excess of 700 psi to wash exterior of vehicle.

Clean the oil fill and fuel cap areas area of any dirt and debris. Clean area around muffler and controls.

Removal of oil, tar, asphalt, shoe polish, etc. will require the use of a commercially available vinyl/rubber cleaner.

Corrosive materials used as fertilizers or for dust control can collect on the underbody of the vehicle. These materials will cause corrosion of underbody parts unless flushed occasionally with plain water. Thoroughly clean any areas where mud or other debris can collect. Sediment packed in closed areas should be loosened to ease it's removal, taking care not to chip or otherwise damage paint.

NOTICE

If the engine does not start or runs improperly after washing, remove the spark plug wires (by pulling the spark plug boots, never the wires). Dry all connections with forced air. Reinstall the wires.

SERVICE AND MAINTENANCE

WARNING

To reduce the possibility of severe injury or death from improper servicing techniques: DO NOT attempt any type of servicing operations before reading all notes, cautions and warnings in this manual.

Any servicing requiring adjustments to be made to the powertrain while the motor is running must be made with both drive wheels raised and vehicle properly supported on jack stands.

To reduce the possibility of motor damage, never operate vehicle at full throttle for more than 4 - 5 seconds while vehicle is in a 'no load' condition.



Wear eye protection when working on the vehicle. Use extra care when working around batteries, or using solvents or compressed air.

To reduce the possibility of causing an electrical arc, which could result in a battery explosion, turn off all electrical loads from the battery before removing battery wires.



Wrap wrenches with vinyl tape to reduce the possibility of a dropped wrench 'shorting out' a battery, which could result in an explosion.

Reduce the possibility of accidental starting by removing and grounding spark plug wires and disconnecting battery at negative terminal before servicing.

The electrolyte in a battery is an acid solution which can cause severe burns to the skin and eyes. Treat all electrolyte spills to the body and eyes with extended flushing with clear water. Contact a physician immediately.

MAINTENANCE PROCEDURES

Read all of this manual to become thoroughly familiar with this vehicle. Pay particular attention to all Notices, Cautions, Warnings, and Dangers.

Any electrolyte spills should be neutralized with a solution of 2 teaspoons (10 ml) sodium bicarbonate (baking soda) dissolved in 1 quart (1 liters) of water and flushed with water.

Aerosol containers of battery terminal protectant must be used with extreme care. Insulate metal container to reduce the possibility of can contacting battery terminals which could result in an explosion.

It is in the best interest of both vehicle owner and service technician, to carefully follow the procedures recommended in Briggs & Stratton Operator's Manual. Preventative maintenance, applied at recommended intervals, is the best guarantee for keeping the vehicle both dependable and economical.

This vehicle will give years of satisfactory service, providing it receives regular maintenance. Refer to the Periodic Service Schedule for appropriate service intervals. Refer to Briggs & Stratton Operator's Manual.

⚠ CAUTION

To prolong vehicle life, some maintenance items must be serviced more frequently on vehicles used under severe driving conditions such as extreme temperatures, extreme dust/debris conditions, frequent use with maximum load.

CHECKING THE OIL LEVEL

Refer to Briggs & Stratton Operator's Manual for oil checking and maintenance.

⚠ CAUTION

Do not overfill engine. Too much oil may cause engine to smoke or cause spark plug fouling.

Do not overfill engine. Too much oil may cause smoking or allow oil to enter the air filter enclosure.

The oil dipstick/fill cap must be in place before operating the engine. Failure to install the dipstick/fill cap will result in oil becoming contaminated and/or oil being discharged into the engine compartment.

NOTICE

*Oil change must be performed through the dipstick tube using a pump.
Contact E-Z-GO service parts for oil pump or purchase locally.*



NOTICE

If vehicle is to be stored over winter months, it can be stored with old oil left in engine. The oil should be changed as part of spring maintenance. This will remove any moisture that has accumulated during storage.

⚠ WARNING

Be aware that engine fluids may be hot and contact to the skin may cause severe burns. Wear rubber gloves to protect skin from exposure to the old oil and degreaser.

Read all of this manual to become thoroughly familiar with this vehicle. Pay particular attention to all Notices, Cautions, Warnings, and Dangers.

PROLONGED STORAGE

WARNING

To reduce the possibility of severe injury or death resulting from a possible explosion:

Do not handle fuel in an area that is not adequately ventilated. Do not smoke near the fuel tank or refuel near open flame or electrical items which could produce a spark.

Store vehicle in a clean, dry area. Do not store in same area as a stove, furnace, water heater, or other appliance that uses a pilot light or has a device that can create a spark.

When refueling, inspect the fuel cap for leaks or breaks that could result in fuel spillage.

Always wear safety glasses while refueling to prevent possible eye injury from gasoline or gasoline vapor.

Keep hands, clothing and jewelry away from moving parts. Use care not to contact hot objects. Raise the rear of the vehicle and support on jack stands before attempting to run the engine.

Use of a fuel stabilizer is required for a prolonged storage period (30 days or more) to prevent a build up of varnish and gum in the carburetor and corrosion in the engine.

PERIODIC SERVICE SCHEDULE

Refer to the manufacturer's maintenance chart for periodic service schedule. Refer to Briggs & Stratton Operator's Manual.

GENERATOR BELT TENSION

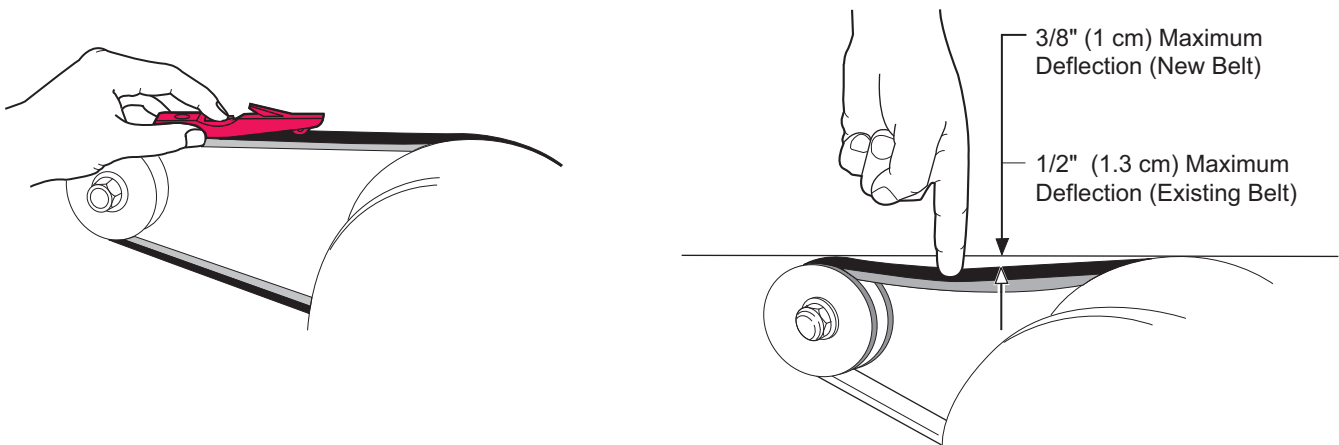
Tool List

	Qty.
Belt tension gauge.....	1
Wrench, 3/4".....	1
Wrench, 9/16".....	2
Ratchet, 3/8" drive.....	1
Socket, 3/4", 3/8" drive.....	1

Maintain generator belt to 45 - 50 lbs. (20-23 kg) tension when a gauge is applied half way between the two pulleys.

NOTICE

A loose belt can cause audible vibration and squeal.



A **new** belt may be checked manually. A maximum deflection of 3/8" (10 mm) is acceptable. Maintain belt to 45 - 50 lbs. (20-23 kg) tension using the same technique and inspect for cracking or wear. A maximum deflection of 1/2" (13 mm) is acceptable.

MAINTENANCE PROCEDURES

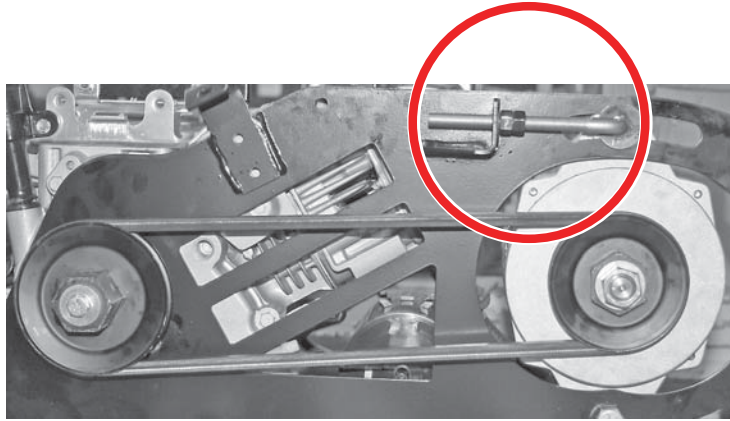
Read all of this manual to become thoroughly familiar with this vehicle. Pay particular attention to all Notices, Cautions, Warnings, and Dangers.

Adjusting The Belt

Loosen the generator pivot bolt.

While holding the lower adjusting nut with a wrench, loosen the upper jam nut with another wrench. Move the lower nut up or down the adjustment bolt until proper belt tension is achieved. Hold the lower nut in place and tighten the upper jam nut against it.

Tighten the generator pivot bolt.



AIR CLEANER INSPECTION AND REPLACEMENT

Refer to Briggs & Stratton Operator's Manual for air cleaner inspection and replacement.



A Textron Company

E-Z-GO Division of Textron, Inc.,
1451 Marvin Griffin Road, Augusta, Georgia USA 30906-3852

TO CONTACT US...

North America:

Technical Assistance & Warranty
Service Parts

Phone: 1-800-774-3946, FAX: 1-800-448-8124

Phone: 1-888-GET-E-Z-GO (1-888-438-3946), FAX: 1-800-752-6175

International:

Phone: 001-706-798-4311, FAX: 001-706-771-4609



Copyrighted Material
This manual may not be reproduced in whole or
in part without the express permission of
E-Z-GO Division of Textron, Inc.
Technical Communications Department