



A Textron Company

OWNER'S GUIDE

RXV

GASOLINE POWERED VEHICLE



646286-D

ISSUED MAY 2015

REVISED JULY 2017

WELCOME

Thank you for purchasing this vehicle. Before you drive the vehicle, read this Owner's Guide. This guide contains maintenance and operation information. The illustrations can show items that are optional for your vehicle.

You can do most of the service procedures in this guide with common, automotive hand tools. If necessary, contact your service representative for information about how to service the vehicle as shown in the Periodic Service Schedule.

Repair or replacement parts are available from your E-Z-GO dealer or E-Z-GO Service Parts Department.

When you contact E-Z-GO about service or parts for your vehicle, the information below is needed.

Vehicle Model: _____

PIN, VIN or Serial Number: _____

OWNER'S GUIDE GASOLINE POWERED VEHICLES

RXV FLEET
RXV FREEDOM
RXV SHUTTLE 2+2

STARTING MODEL YEAR 2016

CALIFORNIA Proposition 65 Warning

WARNING: Motor vehicles may contain fuels, oils and fluids, battery posts, terminals, and related accessories which contain lead, lead compounds and other chemicals identified by the State of California to potentially cause cancer, birth defects and other reproductive harm. These chemicals are found in vehicles, vehicle parts and accessories, both new and replacements. During maintenance, these vehicles generate used oil, waste fluids, grease, fumes and particulates, all identified by the State of California to potentially cause cancer, birth defects, and other reproductive harm.

Never modify the vehicle in any way that will alter the weight distribution of the vehicle, decrease its stability or increase the speed beyond the factory specifications. Such modifications can cause serious personal injury or death. E-Z-GO Division of Textron, Inc. prohibits and disclaims responsibility for any such modifications or any other alteration which would adversely affect the safety of the vehicle.

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 sold previously.

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

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

These are the original instructions as defined by 2006/42/EC.

TO CONTACT US

E-Z-GO Division of Textron Inc.

1451 Marvin Griffin Road.

Augusta, Georgia, USA 30906-3852

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

International PHONE: 001-706-798-4311 FAX: 001-706-771-4609

This vehicle was designed and manufactured in the United States of America (USA). The standards and specifications listed in the following text originate in the USA unless otherwise indicated.

Use Original Equipment Manufacturer (OEM) approved parts to keep the warranty effective.

Overfilling the battery can void the warranty.

Tampering with or adjusting the governor to permit the 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.

BATTERY PROLONGED STORAGE

Batteries discharge over time. The rate of discharge changes according to the ambient temperature, the age and condition of the batteries.

Completely charged batteries will not freeze in winter temperatures unless the temperature is less than -75°F (- 60°C).

BATTERY DISPOSAL

Lead-acid batteries are recyclable. Return discarded batteries to distributor, manufacturer or lead smelter for recycling. For neutralized spills, put residue in acid-resistant containers with absorbent material such as sand. Dispose of in accordance with local, state and federal regulations for acid and lead compounds. Contact local or state environmental officials for the disposal information.

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Notes:

Read all of **SAFETY** and this section before attempting any procedure. Pay particular attention to **Notices, Cautions, Warnings and Dangers**.

SAFETY

GENERAL

For any questions about material in this manual, contact an authorized representative.

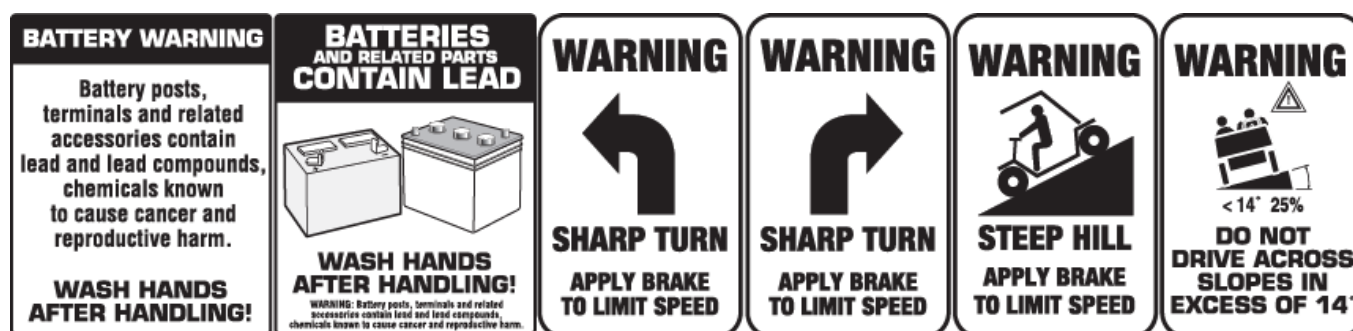
Read and understand all labels on the vehicle. Always replace any damaged or missing labels.

Steep hills allow the vehicle to move at faster speeds than normal speeds on a flat surface. To prevent the loss of vehicle control and possible injury, speeds must be controlled to the maximum level ground speed indicated in the **GENERAL SPECIFICATIONS** section. Apply the brake to control the speed.

If you operate the vehicle above the maximum specified speed, you can damage the drivetrain components. The damage caused by speeds more than the maximum specified can cause a loss of vehicle control, is abusive, and will not be covered under the warranty.

Use caution when you tow the vehicle. Towing the vehicle above the recommended speed can cause personal injury or damage to the vehicle and other property.

If the vehicle is used in a commercial environment, signs must be in position to inform of possible conditions that can be dangerous. Examples are shown below.



NOTICES, CAUTIONS, WARNINGS AND DANGERS

Read the **NOTICES, CAUTIONS, WARNINGS** and **DANGERS**. The person who services a vehicle needs the mechanical skill and experience to see possible hazardous conditions. Incorrect service or repairs can cause damage to the vehicle or make the vehicle dangerous to operate.

NOTICE

A NOTICE indicates and describes information not related to personal injury.



CAUTION

A CAUTION indicates a dangerous condition that can cause injury that is not life threatening.



WARNING

A WARNING indicates a dangerous condition that can cause death or serious injury.



DANGER

A DANGER indicates a dangerous condition that will cause death or serious injury.

SAFETY

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

WARNING

Engine exhaust from this product contains chemicals known, in certain quantities, to cause cancer, birth defects, or other reproductive harm.

NOTICE

The exhaust emissions of this vehicle's engine complies with regulations set forth by the Environmental Protection Agency (EPA) of the United States of America (USA) at time of manufacture. Significant fines could result from modifications or tampering with the engine, fuel, ignition or air intake systems.

WARNING

Battery posts, terminals and related accessories contain lead and lead compounds. Wash hands after handling.

NOTICE

The spark ignition system meets all requirements of the Canadian Interference-Causing Equipment Regulations.

This manual contains recommended maintenance procedures from the manufacturer. Follow these procedures and fault isolation information to get the best service from the product. To decrease the risk of personal injury or property damage, obey all the information in this manual.

CAUTION

Certain replacement parts can be used independently and/or in combination with other accessories to modify an E-Z-GO-manufactured vehicle to permit the vehicle to operate at or in excess of 20 mph. When an E-Z-GO manufactured vehicle is modified in any way by the Distributor, Dealer or customer to operate at or in excess of 20mph, UNDER FEDERAL LAW the modified product will be a Low Speed Vehicle (LSV) subject to the strictures and requirements of Federal Motor Vehicle Safety Standard 571.500. In these instances, pursuant to Federal law the Distributor or Dealer MUST equip the product with headlights, rear lights, turn signals, seat belts, top, horn and all other modifications for LSV's mandated in FMVSS 571.500, and affix a Vehicle Identification Number to the product in accordance with the requirements of FMVSS 571.565. Pursuant to FMVSS 571.500, and in accordance with the State laws applicable in the places of sale and use of the product, the Distributor, Dealer or customer modifying the vehicle also will be the Final Vehicle Manufacturer for the LSV, and required to title or register the vehicle as mandated by State law.

E-Z-GO will NOT approve Distributor, Dealer or customer changes that change an E-Z-GO product into a Low Speed Vehicle (LSV).

Anyone who operates this vehicle must be A LICENSED DRIVER AND OPERATE THE VEHICLE ACCORDING TO APPLICABLE STATE REQUIREMENTS. This rule is important to the SAFE USE AND OPERATION of the product. All customers must obey this SAFETY RULE.

Information on FMVSS 571.500 is found at Title 49 of the Code of Federal Regulations, section 571.500. For information online, go to www.ecfr.gov.

Vehicles are used for different purposes, so it is not possible to know and inform of every possible occurrence. Be careful when you drive to prevent avoidable personal injury or damage to the vehicle. All users must read and obey this manual. Make sure you give special attention to the CAUTIONS, WARNINGS and DANGERS.

For questions about this vehicle, contact your E-Z-GO/CUSHMAN dealer or write to the address on the back cover of this publication, Attention: Customer Care Department.

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

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.

This vehicle meets the current applicable standard for safety and performance requirements.

These vehicles are for off-road use. They **DO NOT** meet the federal Motor Vehicle Safety Standards of the United States of America (USA) and are not equipped for operation on the public streets. Some areas allow the operation of the vehicles on their streets according to local codes.

Refer to GENERAL SPECIFICATIONS for capacity of the vehicle.

WARNING

Never modify the vehicle in any way that will alter the weight distribution of the vehicle, decrease its stability, increase the speed or extend the stopping distance beyond the factory specification. Such modifications can result in serious personal injury or death.

Do not change the vehicle in any manner that changes the weight distribution, decreases stability, increases speed or extends the necessary distance to stop more than the factory specification. E-Z-GO is not responsible for changes that cause the vehicle to be dangerous.

Do not let anyone below the height of 59 inches (150 cm) operate the vehicle.

GENERAL OPERATION

Read the following warnings before attempting to operate the vehicle:

WARNING

When you leave the vehicle, turn the key to the OFF position and remove the key from the vehicle.

Drive the vehicle only as fast as terrain and conditions allow. Consider the terrain and traffic conditions. Consider environmental conditions that change the terrain and your ability to control the vehicle.

Do not drive fast downhill. Sudden stops or change of direction can cause a loss of control. Use the brake to control the speed of the vehicle when you drive down a slope.

When possible, stay in approved areas. Do not drive on steep slopes.

Always keep feet, legs, hands and arms inside vehicle.

Do not drive on rough terrain.

Before you drive in the reverse direction, make sure the area behind the vehicle is clear.

Make sure the direction selector is in the correct position before you press the accelerator pedal.

Decrease speed before and during turns.

Make sure you completely stop the vehicle before you move the direction selector.

See GENERAL SPECIFICATIONS for the vehicle load and seat capacity.

SAFETY

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

NOTICE

Read the following text and warnings before you service the vehicle.

Normal use, wear or abuse can cause some components on the vehicle to fail. The manufacturer cannot know all possible component failures or the methods that failures can occur.

A vehicle in need of repair does not function properly and can be dangerous to operate.

Be careful when you service the vehicle. Be aware of your safety and the safety of other people in the area.

Some components are heavy, spring loaded, corrosive, explosive, can cause high amperage or get hot. Battery acid and hydrogen gas can cause injury. Do not put your hands, face, feet or body in a location that can expose them to injury if an unexpected situation occurs.

Always use the correct tools shown in the tool list and wear safety equipment.

! WARNING

Remove all jewelry before you service the vehicle.

Do not allow loose clothing or hair to contact the moving parts.

Do not touch hot objects.



When you service the vehicle, always wear eye protection. Be careful when you work around batteries, use solvents or compressed air.

ALWAYS:

- Use the vehicle in a responsible manner and keep the vehicle in safe condition for operation.
- Read and obey all warnings and operation instruction labels on the vehicle.
- Follow all safety rules in the area where the vehicle is operated.
- When there is a risk of lightning, leave the vehicle and look for a safe location to wait until the lightning has stopped.
- Drive the vehicle only as fast as terrain and conditions allow.
- Apply the brake to control speed on steep grades.
- Keep enough distance between vehicles.
- Decrease speed in wet areas.
- Be careful when you make sharp turns, or turns you are not familiar with.
- Be careful when you drive on loose terrain.
- Be careful when you operate the vehicle around people.

MAINTENANCE

ALWAYS:

- Replace damaged or missing warning, caution or information labels.
- Service the vehicle according to the periodic service schedule in this manual.
- Make sure that approved and qualified personnel do all repairs.
- Follow the manufacturer's maintenance procedures.

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

- Use insulated tools within the battery area to prevent sparks or battery explosion.
- Use specified replacement parts. DO NOT use replacement parts of less quality.
- Use recommended tools.
- Make sure that tools and procedures not specified by the manufacturer, will not be a safety risk to personnel or operation of the vehicle.
- Use wheel chocks and support vehicle with jack stands. NEVER get below a vehicle that is supported by a jack. Lift the vehicle according to the manufacturers instructions.
- Make sure you service the vehicle in an area away from open flame or sparks.
- Know that a vehicle in need of repair does not operate correctly and can be dangerous to operate.
- 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.

Vehicles are used for different purposes, so it is not possible to know and inform of every possible occurrence. Be careful when you drive to prevent avoidable personal injury or damage to the vehicle. All users must read and obey this manual. Make sure you give special attention to the CAUTIONS, WARNINGS and DANGERS.

People who do maintenance or repairs on the vehicle must have skill and experience to identify and prevent conditions that can cause personal injury or death and damage to the vehicle.

VENTILATION

Always store gasoline vehicles in an area with good ventilation. Good ventilation prevents the accumulation of gasoline fumes within an enclosed area.

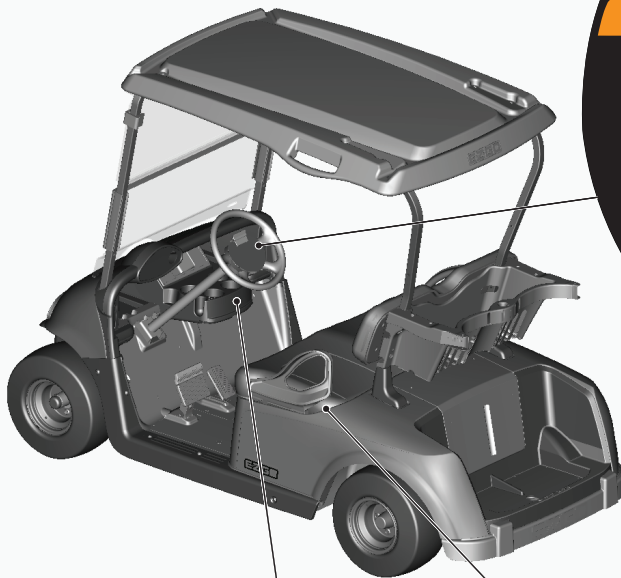
Never put fuel in a vehicle in an area that is subject to flame or spark. Pay particular attention to natural gas or propane water heaters and furnaces.

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

SAFETY

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

LABELS AND PICTOGRAMS



⚠ WARNING

OPERATING INSTRUCTIONS

BEFORE OPERATING

- READ all warning labels and the owner's manual. Contact an authorized E-Z-GO dealer or visit www.ezgo.com for a replacement manual.
- This vehicle is equipped for personal use in most communities. However, state law or local rules may require additional equipment in your community.

SAFE OPERATION

- Turn key to "ON" - select "forward" or "reverse" - release the parking brake (Gas vehicle only) - then slowly depress accelerator pedal.
- Always bring the vehicle to a complete stop BEFORE shifting the direction selector.
- Operate from the driver's seat ONLY.

PARKING

- ALWAYS fully engage the parking brake and remove the key BEFORE leaving the vehicle. In an electric vehicle set the direction selector to "neutral" and in a gasoline vehicle set the selector to "forward".

MAINTENANCE

- This vehicle requires regularly scheduled maintenance (see owner's manual). ONLY qualified personnel should service this vehicle.

608529

608529

⚠ WARNING

DO NOT TAMPER WITH OR ATTEMPT TO CHANGE THE ADJUSTMENT OF THE GOVERNOR. GOVERNOR TAMPERING CAN RESULT IN SERIOUS PERSONAL INJURY AND WILL VOID THE VEHICLE WARRANTY.

608527

⚠ WARNING Failure to follow these instructions can result in SERIOUS INJURY or DEATH

Except where PERMITTED BY LAW: To be operated by persons with valid drivers license, in accordance with state requirements. Operate from Driver's side only.

Reduce the RISK OF ACCIDENTS: For non-road use, and in designated areas only. Do not operate under the influence of drugs or alcohol.

AVOID FALLS from the vehicle: All occupants must be fully seated, keep entire body inside vehicle and hold on while vehicle is in motion.

STARTING the vehicle: Apply service brake, move direction selector to desired position and accelerate smoothly. On Gas Vehicle, direction selector is the F-N-R. On Electric vehicle, direction selector is the key switch.

DO NOT OVERLOAD this vehicle: Maximum vehicle payload is 800 lbs. (363 kg) including a maximum of 2 persons, options, and accessories.

Drive with CAUTION: Drive slowly straight up and down slopes and in turns. Use care in reverse, congested areas, and wet or loose terrain.

STOPPING the vehicle: To stop, release accelerator pedal and apply service brake.

PARKING the vehicle: Before leaving vehicle, turn key "OFF". On Gas vehicle, move the direction selector to "FORWARD" and engage park brake.

608522

608522 Fleet Vehicles

⚠ WARNING Failure to follow these instructions can result in SERIOUS INJURY or DEATH

Except where PERMITTED BY LAW: NEVER drive on public roads. • Drivers must possess a valid drivers license in accordance with local state law.

AVOID FALLS from the vehicle: Do not start moving until all occupants are PROPERLY SEATED and HOLDING ON. • KEEP entire body INSIDE VEHICLE while moving.

Reduce the RISK OF ACCIDENTS: Always DRIVE SLOWLY in congested areas, on wet or loose terrain, and when backing up. • DRIVE SLOWLY when turning and AVOID sudden stops. ALWAYS drive straight up and down slopes. Do not coast, use BRAKE when going down a slope. • NEVER drive this vehicle under the influence of drugs or alcohol.

This vehicle is NOT A TOY: Drive responsibly. • NEVER leave children unattended or allow children to play on the vehicle. • NEVER leave the key in the vehicle when parked.

DO NOT OVERLOAD this vehicle: NEVER carry more than 2 occupants on each bench seat. • Do not exceed vehicle WEIGHT CAPACITY (see Owner's Manual).

DO NOT MODIFY this vehicle: NEVER alter this vehicle to increase travel speeds above factory specifications. • ONLY authorized E-Z-GO dealers should alter the vehicle using approved parts. • Alterations not approved or tested by E-Z-GO can create unsafe conditions and increase your chance of having an accident.

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Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

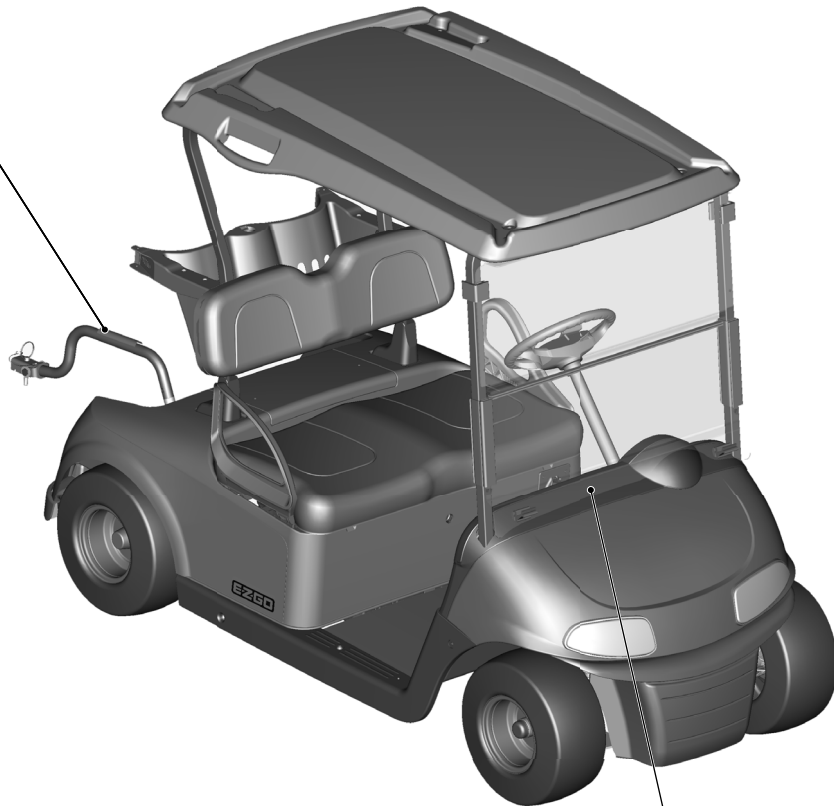
⚠ WARNING



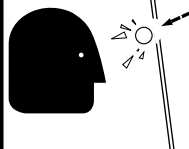
- This device is ONLY to be used for towing E-Z-GO vehicles. NEVER tow other vehicles or equipment. READ Owner's Manual before towing. NO RIDERS in towed cars.
- FULLY ENGAGE coupling. Rubber latch-stop must be under latch release lever.
- NEVER tow more than 3 vehicles at one time. Max speed towing 2 or 3 vehicles is 5 mph. Max speed towing 1 vehicle is 12 mph.
- DRIVE SLOWLY. It is not recommended to tow vehicle over rough or unsafe terrain or on grades greater than 10%.
- MONTHLY INSPECTION: tow bar pins, attaching hardware, and front frame attachment of towed cars. Replace worn or damaged parts. CHECK alignment of wheels on towed cars.



611716



⚠ WARNING ⚠

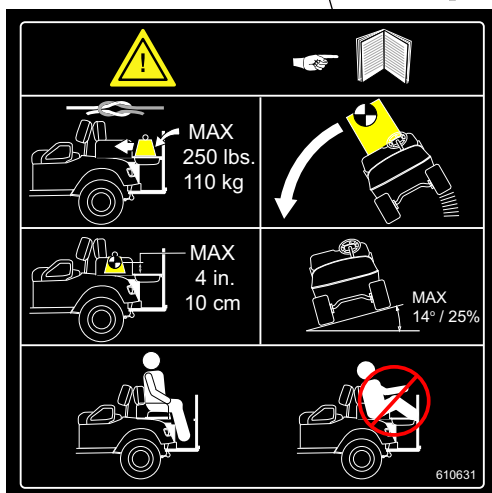


Windshields do not provide protection from golf balls or other flying objects.

EGWHL14

SAFETY

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.



610631

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

READ THE MANUAL
OPERATE ACCORDING
TO LOCAL LAWS AND
REGULATIONS
USE CAUTION IN
BAD WEATHER

GASOLINE
VEHICLES

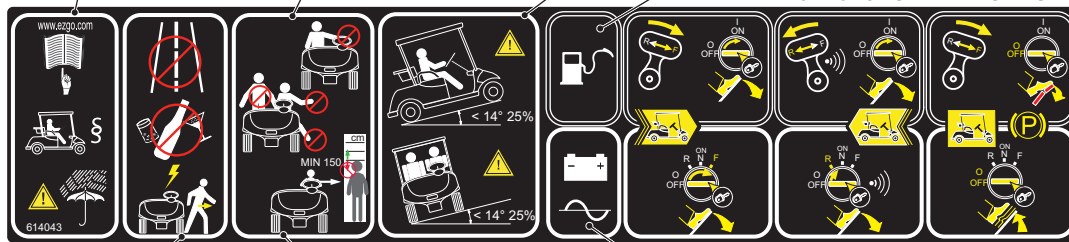
FORWARD OPERATION
* TURN KEY TO 'ON'
* MOVE DIRECTION
SELECTOR TO 'F'
* PRESS ACCELERATOR
PEDAL GENTLY

REVERSE OPERATION
* TURN KEY TO 'ON'
* MOVE DIRECTION
SELECTOR TO 'R'
* PRESS ACCELERATOR
PEDAL GENTLY

PARK VEHICLE
* MOVE DIRECTION
SELECTOR TO 'F'
* TURN KEY TO 'OFF'
* APPLY PARKING
BRAKE

OPERATE FROM
DRIVER SIDE ONLY
DO NOT STAND UP
AND KEEP ENTIRE
BODY INSIDE VEHICLE
MINIMUM HEIGHT TO
OPERATE VEHICLE IS
150 CM

MAXIMUM RAMP
OR HILL
MAXIMUM CROSS
RAMP OR HILL



614043 CE VEHICLES

DO NOT DRIVE
ON HIGHWAY
DO NOT OPERATE
IF USING DRUGS
OR ALCOHOL
DO NOT OPERATE
VEHICLE WHEN
LIGHTNING IS
IN THE AREA

ELECTRIC
VEHICLES

FORWARD OPERATION
* TURN KEY TO 'F'
* PRESS ACCELERATOR
PEDAL GENTLY

REVERSE OPERATION
* TURN KEY TO 'R'
* GENTLY PRESS
ACCELERATOR
PEDAL

PARK VEHICLE
* TURN KEY
TO 'OFF'

READ THE
MANUAL
REPLACEMENT
AVAILABLE AT
www.ezgo.com

WARNING:
NEGATIVE GROUND
ELECTRICAL SYSTEM



608818

WARNING:
SHORTING ACROSS
TERMINALS MAY CAUSE
BATTERY EXPLOSION



SAFETY

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

GASOLINE VEHICLES

FORWARD OPERATION

- * TURN KEY TO 'ON'
- * MOVE DIRECTION SELECTOR TO 'F'
- * PRESS ACCELERATOR PEDAL GENTLY

REVERSE OPERATION

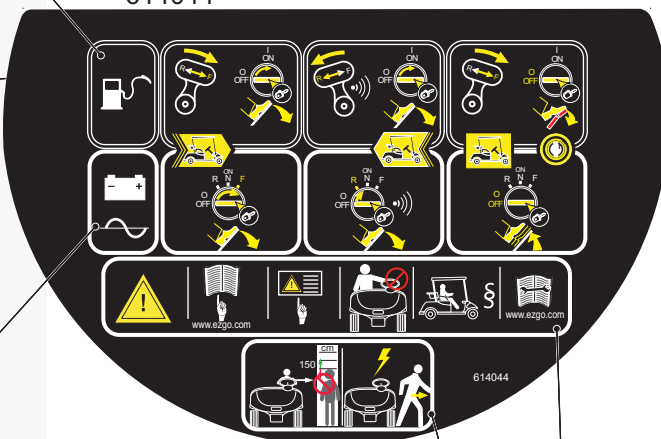
- * TURN KEY TO 'ON'
- * MOVE DIRECTION SELECTOR TO 'R'
- * PRESS ACCELERATOR PEDAL GENTLY

PARK VEHICLE

- * MOVE DIRECTION SELECTOR TO 'F'
- * TURN KEY TO 'OFF'
- * APPLY PARKING BRAKE



614044



ELECTRIC VEHICLES

FORWARD OPERATION

- * TURN KEY TO 'F'
- * PRESS ACCELERATOR PEDAL GENTLY

REVERSE OPERATION

- * TURN KEY TO 'R'
- * PRESS ACCELERATOR PEDAL GENTLY

PARK VEHICLE

- * TURN KEY TO 'OFF'

MINIMUM HEIGHT TO
OPERATE VEHICLE IS
150 CM

DO NOT OPERATE
VEHICLE WHEN
LIGHTNING IS
IN THE AREA

WARNING

READ THE MANUAL
REPLACEMENT
IS AVAILABLE AT
www.ezgo.com

READ ALL
LABELS

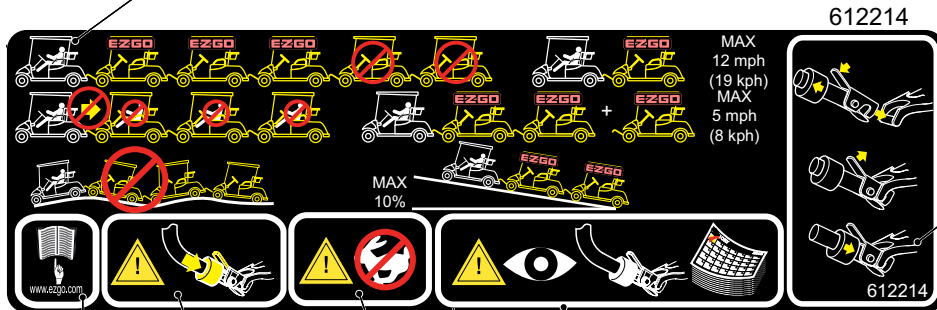
OPERATE
FROM
DRIVER
SIDE
ONLY

OPERATE
ACCORDING
TO LOCAL
LAWS AND
REGULATIONS

MAINTAIN
ACCORDING
TO SERVICE &
REPAIR MANUAL
AVAILABLE AT
www.ezgo.com

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

DO NOT TOW MORE THAN 3 VEHICLES MAX 12 mph (19 kph) TOWING 1 VEHICLE
DO NOT DRIVE IN REVERSE WHEN TOWING VEHICLES MAX 5 mph (8 kph) TOWING 2 or 3 VEHICLES
NO PASSENGERS IN TOWED VEHICLES
DO NOT TOW VEHICLES OVER UNEVEN TERRAIN 10% MAX SLOPE FOR TOWING VEHICLES



READ THE
MANUAL
REPLACEMENT
AVAILABLE AT
www.ezgo.com

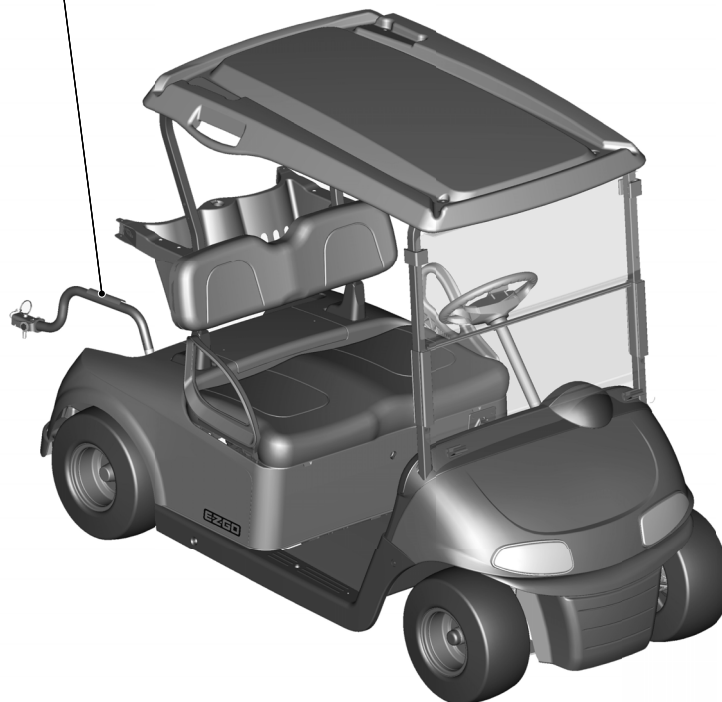
WARNING
ENGAGE
LOCKING
COLLAR

WARNING
DO NOT
DRIVE
FAST

WARNING INSPECT TOW BAR
SYSTEM EVERY 30 DAYS

TOW BAR OPERATION

- * PULL LOCKING COLLAR AWAY FROM LATCH AND PRESS ON LATCH TAB TO OPEN
- * PLACE LATCH OVER FRONT TOWING BRACKET
- * CLOSE LATCH AND MOVE LOCKING COLLAR UNDER LATCH TAB
- * DO NOT TOW MORE THAN 3 VEHICLES
- * 12 mph (19 kph) MAX SPEED TOWING 1 VEHICLE
- * DO NOT DRIVE IN REVERSE WHEN TOWING VEHICLES
- * NO PASSENGERS IN TOWED VEHICLES
- * DO NOT TOW VEHICLES OVER UNEVEN TERRAIN 10% MAXIMUM SLOPE FOR TOWING VEHICLES



SAFETY

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.



NO MORE THAN 2
OCCUPANTS IN
EACH SEAT

DO NOT STAND UP
AND KEEP ENTIRE
BODY INSIDE
VEHICLE

READ THE MANUAL
REPLACEMENT
AVAILABLE AT
www.ezgo.com

WARNING

OPERATE ACCORDING
TO LOCAL LAWS AND
REGULATIONS

DO NOT STAND IN FRONT
OF OR BEHIND VEHICLE



CHILDREN MUST BE
ACCOMPANIED BY
AN ADULT

DO NOT ALLOW
CHILDREN TO
RIDE ALONE

608820

DO NOT GET ON OR OFF
A MOVING VEHICLE

GENERAL SPECIFICATIONS

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

GENERAL SPECIFICATIONS



A Textron Company

MODEL: RXV
TYPE: GASOLINE POWERED FLEET GOLF CAR
MODEL YEAR: 2016
Part No.: 638541G01



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

Engine: 13.5 hp (10.1 kW) Exceeds SAE J1940 Standard, 4 cycle, 24.5 ci (401 cc) single cylinder, air-cooled by Kawasaki

- | | | | |
|-----------------------|--|-----------------------|--|
| ● Valve Train: | Overhead valve | ● Fuel System: | Fixed float bowl with remote pulse fuel pump |
| ● Lubrication: | Pressurized oil system, spin-on oil filter | ● Ignition: | Electronic spark/magneto |
| ● Balancer: | Internal counter rotating balance shaft | ● Air Cleaner: | Replaceable dry cartridge |

Electrical: Starter/Generator, solid-state regulator, 12 Volt maintenance free battery (425 CCA, 60 minute reserve)

Drive Train: Automatic, continuously variable transmission (CVT)

Brakes: Dual rear wheel mechanical self-adjusting drum brakes. Single point park brake release with self-compensating system

Transaxle: Differential with helical gears, ground speed governor, forward/reverse

Body Protection: 360° energy transfer bumpers maximize vehicle protection from minor impact

PRODUCT OVERVIEW

Dimensions

Overall Length	94.5 in (240 cm)
Overall Width	47.0 in (119 cm)
Overall Height (No Canopy)	45.7 in (116 cm)
Overall Height (With Canopy)	68.5 in (174 cm)
Wheel Base	65.7 in (167 cm)
Front Wheel Track	35.5 in (90 cm)
Rear Wheel Track	38.0 in (97 cm)
Gnd Clearance @ Differential	3.3 in (8 cm)

Vehicle Power

Power Source	4 Cycle 24.5 cu in (401 cc). Low E OHV
Valve Train	Single Cylinder OHV
Horsepower (kW)	13.5 hp (10.1 kW) Exceeds SAE J1940 Std.
Electrical System	Starter/Generator. Solid State Regulator
Batteries (Qty, Type)	One, 12 Volt Maintenance Free
Key or Pedal Start	Pedal
Air Cleaner	Industrial Rated Dry Filter
Lubrication	Pressurized Oil System
Oil Filter	Spin On
Cooling System	Air Cooled
Fuel Capacity	5.9 Gallon (23.1 L) early production tank
Fuel Capacity	5.2 Gallon (19.8 L) late production tank
Drive Train	Continuously variable transmission (CVT)
Transaxle	Differential with helical gears
Gear Selection	Forward - Reverse
Rear Axle Ratio	11.42:1 (Forward) 15.78:1 (Reverse)

Performance

Seating Capacity	2 Person
Dry Weight	697 lb (316 kg)
Curb Weight	747 lb (339 kg)
Vehicle load capacity	800 lb (360 kg)
Outside Clearance Circle	19.0 ft (5.8 m)
Intersecting Aisle Clearance	N/A
Speed (Level Ground)	12 mph ± 0.5 mph (19.3 kph ± 0.8 kph)
Towing Capacity	3 E-Z-GO Golf Cars with approved tow bars

Steering & Suspension

Steering	Double Ended Rack & Pinion
Front Suspension	Independent A-Arm Coil Over Shock
Rear Suspension	Mono-Leaf Springs With Hydraulic Shocks
Brake	Rear Wheel Mechanical Self-Adjusting Drums
Parking Brake	Self-compensating, single point engagement
Front Tires	18 x 8.50 - 8 (4 Ply Rated)
Rear Tires	18 x 8.50 - 8 (4 Ply Rated)

Body & Chassis

Frame	Welded Steel. DuraShield™ powder coat
Body & Finish	Injection molded TPO
Standard Color	Forest Green

CE Noise, Vibration & Harshness

Noise	Sound pressure; continued A-weighted ≤ 70 dB(a)
Vibration, WBV	Highest value of weighted acceleration less than 2.5 m/s ²
Vibration, HAV	Highest value of weighted acceleration less than 2.5 m/s ²
Uncertainty of measurement is 0.98 m/s ² . Measurement methods were applied per ISO 2631 & ISO 5349 standards under conditions of typical vehicle surfaces.	

Some items shown may be optional equipment

GENERAL SPECIFICATIONS

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.



A Textron Company

MODEL: RXV FREEDOM™

TYPE: GASOLINE POWERED PERSONAL GOLF CAR

MODEL YEAR: 2016

Part No.: 638543G01



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

Engine: 13.5 hp (10.1 kW) Exceeds SAE J1940 Standard, 4 cycle, 24.5 ci (401 cc) single cylinder, air-cooled by Kawasaki

- | | | | |
|-----------------------|--|-----------------------|--|
| ● Valve Train: | Overhead valve | ● Fuel System: | Fixed float bowl with remote pulse fuel pump |
| ● Lubrication: | Pressurized oil system, spin-on oil filter | ● Ignition: | Electronic spark/magneto |
| ● Balancer: | Internal counter rotating balance shaft | ● Air Cleaner: | Replaceable dry cartridge |

Electrical: Starter/Generator, solid-state regulator, 12 Volt maintenance free battery (425 CCA, 60 minute reserve)

Drive Train: Automatic, continuously variable transmission (CVT)

Brakes: Dual rear wheel mechanical self-adjusting drum brakes. Single point park brake release with self-compensating system

Transaxle: Differential with helical gears, ground speed governor, forward/reverse

Body Protection: 360° energy transfer bumpers maximize vehicle protection from minor impact

PRODUCT OVERVIEW

Dimensions

Overall Length	94.5 in (240 cm)
Overall Width	47.0 in (119 cm)
Overall Height (No Canopy)	45.7 in (116 cm)
Overall Height (With Canopy)	68.5 in (174 cm)
Wheel Base	65.7 in (167 cm)
Front Wheel Track	35.5 in (90 cm)
Rear Wheel Track	38.0 in (97 cm)
Gnd Clearance @ Differential	3.3 in (8 cm)

Vehicle Power

Power Source	4 Cycle 24.5 cu in (401 cc)
Valve Train	Single Cylinder OHV
Horsepower (kW)	13.5 hp (10.1 kW) Exceeds SAE J1940 Std.
Electrical System	Starter/Generator. Solid State Regulator
Batteries (Qty, Type)	One, 12 Volt Maintenance Free
Key or Pedal Start	Pedal
Air Cleaner	Industrial Rated Dry Filter with Remote Intake
Lubrication	Pressurized Oil System
Oil Filter	Spin On
Cooling System	Air Cooled
Fuel Capacity	5.9 Gallon (23.1 L) early production tank
Fuel Capacity	5.2 Gallon (19.8 L) late production tank
Drive Train	Continuously variable transmission(CVT)
Transaxle Gear	Differential with helical gears
Selection Rear	Forward - Reverse
Axle Ratio	11.42:1 (Forward) 15.78:1(Reverse)

Performance

Seating Capacity	2 Person
Dry Weight	697 lb (316 kg)
Curb Weight	747 lb (339 kg)
Vehicle load capacity	800 lb (360 kg)
Outside Clearance Circle	19.0 ft (5.8 m)
Intersecting Aisle Clearance	N/A
Speed (Level Ground)	19 mph ± 0.5 mph (31 kph ± 0.8 kph)
Towing Capacity	3 E-Z-GO Golf Cars with approved tow bars

Steering & Suspension

Steering	Double Ended Rack & Pinion
Front Suspension	Independent A-Arm Coil Over Shock
Rear Suspension	Mono-Leaf Springs With Hydraulic Shocks
Brake	Rear Wheel Mechanical Self-Adjusting Drums
Parking Brake	Self-compensating, single point engagement
Front Tires	18 x 8.50 - 8 (4 Ply Rated)
Rear Tires	18 x 8.50 - 8 (4 Ply Rated)

Body & Chassis

Frame	Welded Steel. DuraShield™ powder coat
Body & Finish	Injection molded TPO
Standard Color	Forest Green

CE Noise, Vibration & Harshness

Noise	Sound pressure; continued A-weighted ≤ 70 dB(a)
Vibration, WBV	Highest value of weighted acceleration less than 2.5 m/s ²
Vibration, HAV	Highest value of weighted acceleration less than 2.5 m/s ²
Uncertainty of measurement is 0.98 m/s ² . Measurement methods were applied per ISO 2631 & ISO 5349 standards under conditions of typical vehicle surfaces.	

Some items shown may be optional equipment

GENERAL SPECIFICATIONS

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.



A Textron Company

MODEL: SHUTTLE™ 2+2 RXV

TYPE: GASOLINE PERSONNEL CARRIER

MODEL YEAR: 2016

Part No.: 638545G01



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

Engine: 13.5 hp (10.1 kW) Exceeds SAE J1940 Standard, 4 cycle, 24.5 ci (401 cc) single cylinder, air-cooled by Kawasaki

- | | | | |
|-----------------------|--|-----------------------|--|
| ● Valve Train: | Overhead valve | ● Fuel System: | Fixed float bowl with remote pulse fuel pump |
| ● Lubrication: | Pressurized oil system, spin-on oil filter | ● Ignition: | Electronic spark/magneto |
| ● Balancer: | Internal counter rotating balance shaft | ● Air Cleaner: | Replaceable dry cartridge |

Electrical: Starter/Generator, solid-state regulator, 12 Volt maintenance free battery (425 CCA, 60 minute reserve)

Drive Train: Automatic, continuously variable transmission (CVT)

Brakes: Dual rear wheel mechanical self-adjusting drum brakes. Automatic single point park brake release with self-compensating system

Transaxle: Differential with helical gears, ground speed governor, forward/reverse

Body Protection: 360° energy transfer bumpers maximize vehicle protection from minor impact

PRODUCT OVERVIEW

Dimensions

Overall Length	105.5 in (268 cm)
Overall Width	47.0 in (119 cm)
Overall Height (No Canopy)	45.7 in (116 cm)
Overall Height (With Canopy)	74.0 in (188 cm)
Wheel Base	65.7 in (167 cm)
Front Wheel Track	35.5 in (90 cm)
Rear Wheel Track	38.0 in (97 cm)
Gnd Clearance @ Differential	3.3 in (8 cm)

Vehicle Power

Power Source	4 Cycle 24.5 cu in (401 cc)
Valve Train	Single Cylinder OHV
Horsepower (kW)	13.5 hp (10.1 kW) Exceeds SAE J1940 Std.
Electrical System	Starter/Generator. Solid State Regulator
Batteries (Qty, Type)	One, 12 Volt Maintenance Free
Key or Pedal Start	Pedal
Air Cleaner	Industrial Rated Dry Filter
Lubrication	Pressurized Oil System
Oil Filter	Spin On
Cooling System	Air Cooled
Fuel Capacity	5.9 Gallon (22.1 L) early production tank
Fuel Capacity	5.2 Gallon (19.8 L) late production tank
Drive Train	Continuously variable transmission (CVT)
Transaxle	Differential with helical gears
Gear Selection Rear	Forward - Reverse
Axle Ratio	11.42:1 (Forward) 15.78:1 (Reverse)

Performance

Seating Capacity	4 Person
Dry Weight	790 lb (360 kg)
Curb Weight	850 lb (385 kg)
Vehicle load capacity	720 lb (325 kg)
Outside Clearance Circle	19.0 ft (5.8 m)
Intersecting Aisle Clearance	N/A
Speed (Level Ground)	14 mph ± 0.5 mph (23 kph ± 0.8 kph)
Towing Capacity	N/A

Steering & Suspension

Steering	Double Ended Rack & Pinion
Front Suspension	Independent A-Arm Coil Over Shock
Rear Suspension	Multi-Leaf Spring with Hydraulic Shocks
Brake	Rear Wheel Mechanical Self-Adjusting Drums
Parking Brake	Self-compensating, single point engagement
Front Tires	18 x 8.50 - 8 (4 Ply Rated)
Rear Tires	18 x 8.50 - 8 (4 Ply Rated)

Body & Chassis

Frame	Welded steel. DuraShield™ powder coat
Body & Finish	Injection molded TPO
Standard Color	Forest Green

CE Noise, Vibration & Harshness

Noise	Sound pressure; continued A-weighted ≤ 70 dB(a)
Vibration, WBV	Highest value of weighted acceleration less than 2.5 m/s ²
Vibration, HAV	Highest value of weighted acceleration less than 2.5 m/s ²
Uncertainty of measurement is 0.98 m/s ² . Measurement methods were applied per ISO 2631 & ISO 5349 standards under conditions of typical vehicle surfaces.	

Some items shown may be optional equipment

GENERAL SPECIFICATIONS

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.



A Textron Company

MODEL: RXV SHUTTLE™ 2+2 High Speed Gas

TYPE: GASOLINE PERSONNEL CARRIER

MODEL YEAR: 2016

Part No.: 638547G01



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

Engine: 13 hp (9.7 kW) Exceeds SAE J1940 Standard, 4 cycle, 24.5 ci (401 cc) single cylinder, air-cooled by Kawasaki

- | | | | |
|-----------------------|--|-----------------------|--|
| ● Valve Train: | Overhead valve | ● Fuel System: | Fixed float bowl with remote pulse fuel pump |
| ● Lubrication: | Pressurized oil system, spin-on oil filter | ● Ignition: | Electronic spark/magneto |
| ● Balancer: | Internal counter rotating balance shaft | ● Air Cleaner: | Replaceable dry cartridge |

Electrical: Starter/Generator, solid-state regulator, 12 Volt maintenance free battery (425 CCA, 60 minute reserve)

Drive Train: Automatic, continuously variable transmission (CVT)

Brakes: Dual rear wheel mechanical self-adjusting drum brakes. Automatic single point park brake release with self-compensating system

Transaxle: Differential with helical gears, ground speed governor, forward/reverse

Body Protection: 360° energy transfer bumpers maximize vehicle protection from minor impact

PRODUCT OVERVIEW

Dimensions

Overall Length	105.5 in (268 cm)
Overall Width	47.0 in (119 cm)
Overall Height (No Canopy)	45.7 in (116 cm)
Overall Height (With Canopy)	74.0 in (188 cm)
Wheel Base	65.7 in (167 cm)
Front Wheel Track	35.5 in (90 cm)
Rear Wheel Track	38.0 in (97 cm)
Gnd Clearance @ Differential	3.3 in (8 cm)

Vehicle Power

Power Source	4 Cycle 24.5 cu in (401 cc)
Valve Train	Single Cylinder OHV
Horsepower (kW)	13 hp (9.7 kW) Exceeds SAE J1940 Std.
Electrical System	Starter/Generator. Solid State Regulator
Batteries (Qty, Type)	One, 12 Volt Maintenance Free
Key or Pedal Start	Pedal
Air Cleaner	Industrial Rated Dry Filter
Lubrication	Pressurized Oil System
Oil Filter	Spin On
Cooling System	Air Cooled
Fuel Capacity	6.2 Gallon (23.5 L) early production tank
Fuel Capacity	5.2 Gallon (19.8 L) late production tank
Drive Train	Continuously variable transmission (CVT)
Transaxle	Differential with helical gears
Gear Selection Rear	Forward - Reverse
Axle Ratio	11.42:1 (Forward) 15.78:1 (Reverse)

Performance

Seating Capacity	4 Person
Dry Weight	790 lb (360 kg)
Curb Weight	850 lb (385 kg)
Vehicle load capacity	720 lb (325 kg)
Outside Clearance Circle	19.0 ft (5.8 m)
Intersecting Aisle Clearance	N/A
Speed (Level Ground)	17.5 mph ± 0.5 mph (28.5 kph ± 0.8 kph)
Towing Capacity	N/A

Steering & Suspension

Steering	Double Ended Rack & Pinion
Front Suspension	Independent A-Arm Coil Over Shock
Rear Suspension	Multi-Leaf Spring with Hydraulic Shocks
Brake	Rear Wheel Mechanical Self-Adjusting Drums
Parking Brake	Self-compensating, single point engagement
Front Tires	18 x 8.50 - 8 (4 Ply Rated)
Rear Tires	18 x 8.50 - 8 (4 Ply Rated)

Body & Chassis

Frame	Welded steel. DuraShield™ powder coat
Body & Finish	Injection molded TPO
Standard Color	Forest Green

CE Noise, Vibration & Harshness

Noise	Sound pressure; continued A-weighted ≤ 70 dB(a)
Vibration, WBV	Highest value of weighted acceleration less than 2.5 m/s²
Vibration, HAV	Highest value of weighted acceleration less than 2.5 m/s²
Uncertainty of measurement is 0.98 m/s². Measurement methods were applied per ISO 2631 & ISO 5349 standards under conditions of typical vehicle surfaces.	

Some items shown may be optional equipment

GENERAL SPECIFICATIONS

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

APPROXIMATE VEHICLE DIMENSIONS

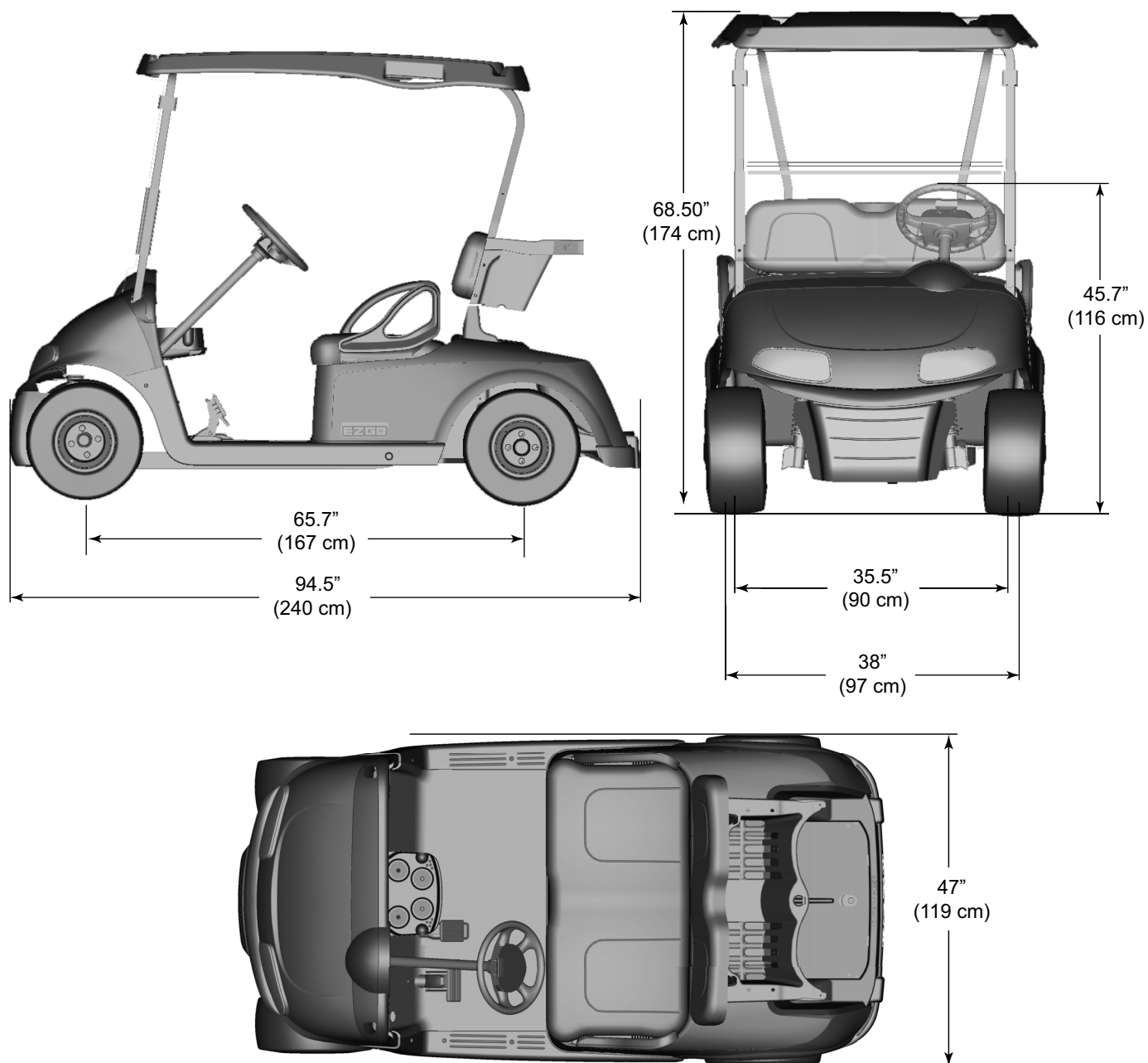


Figure 1 Fleet & Freedom Vehicle Dimensions

GENERAL SPECIFICATIONS

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

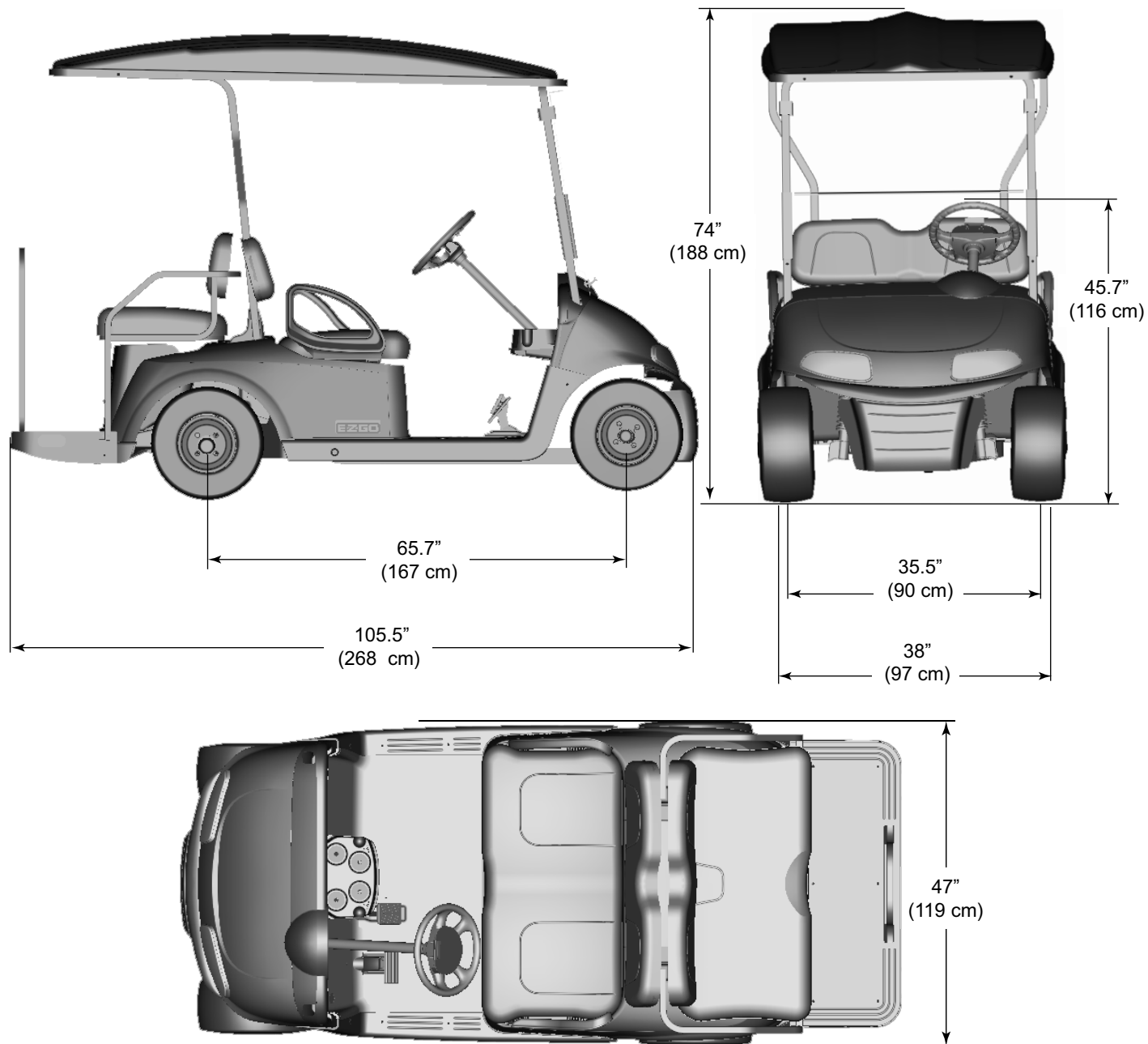


Figure 2 Shuttle 2 + 2 Vehicle Dimensions

GENERAL SPECIFICATIONS

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

TURNING DIAMETER AND INCLINE INFORMATION

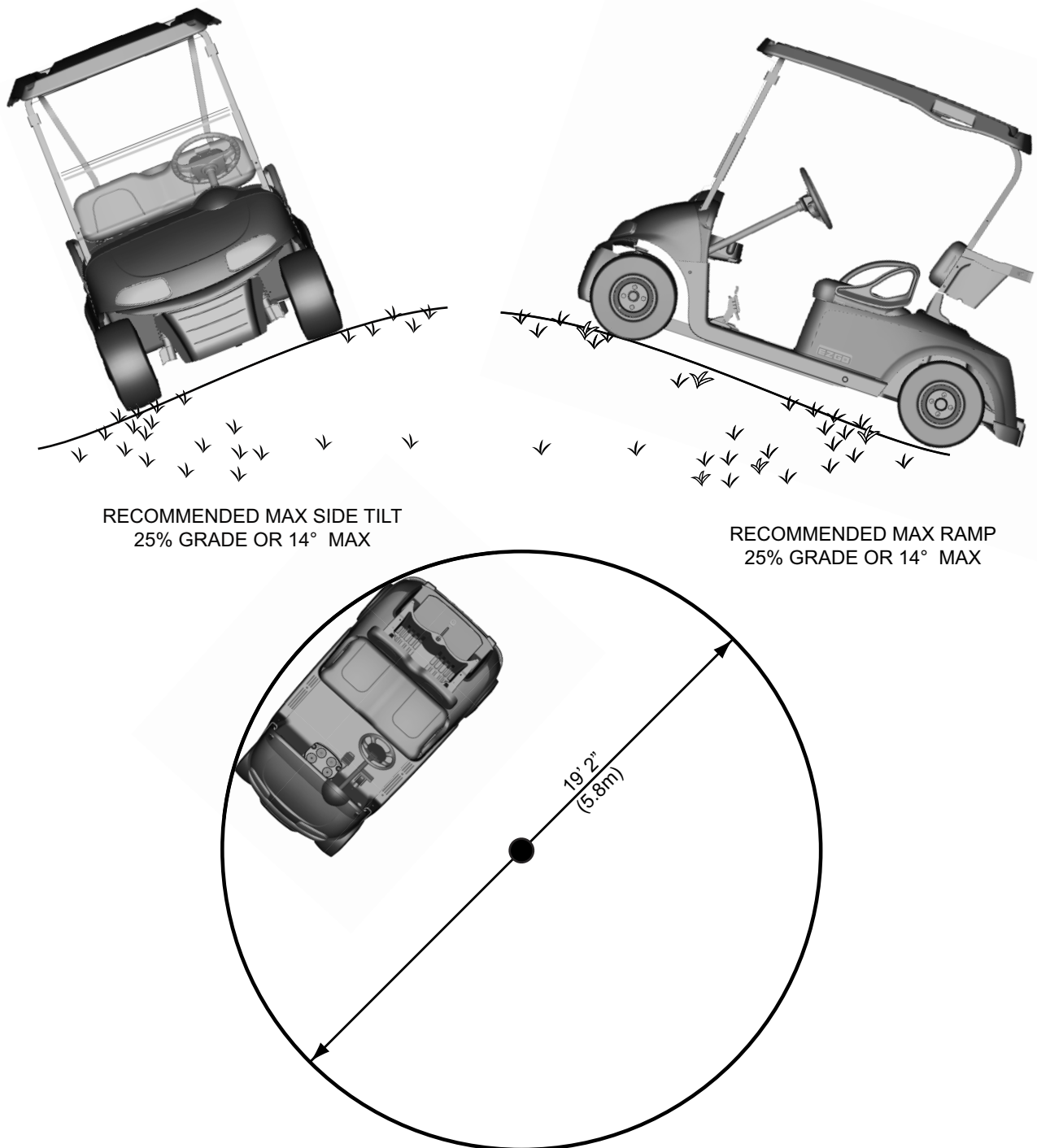
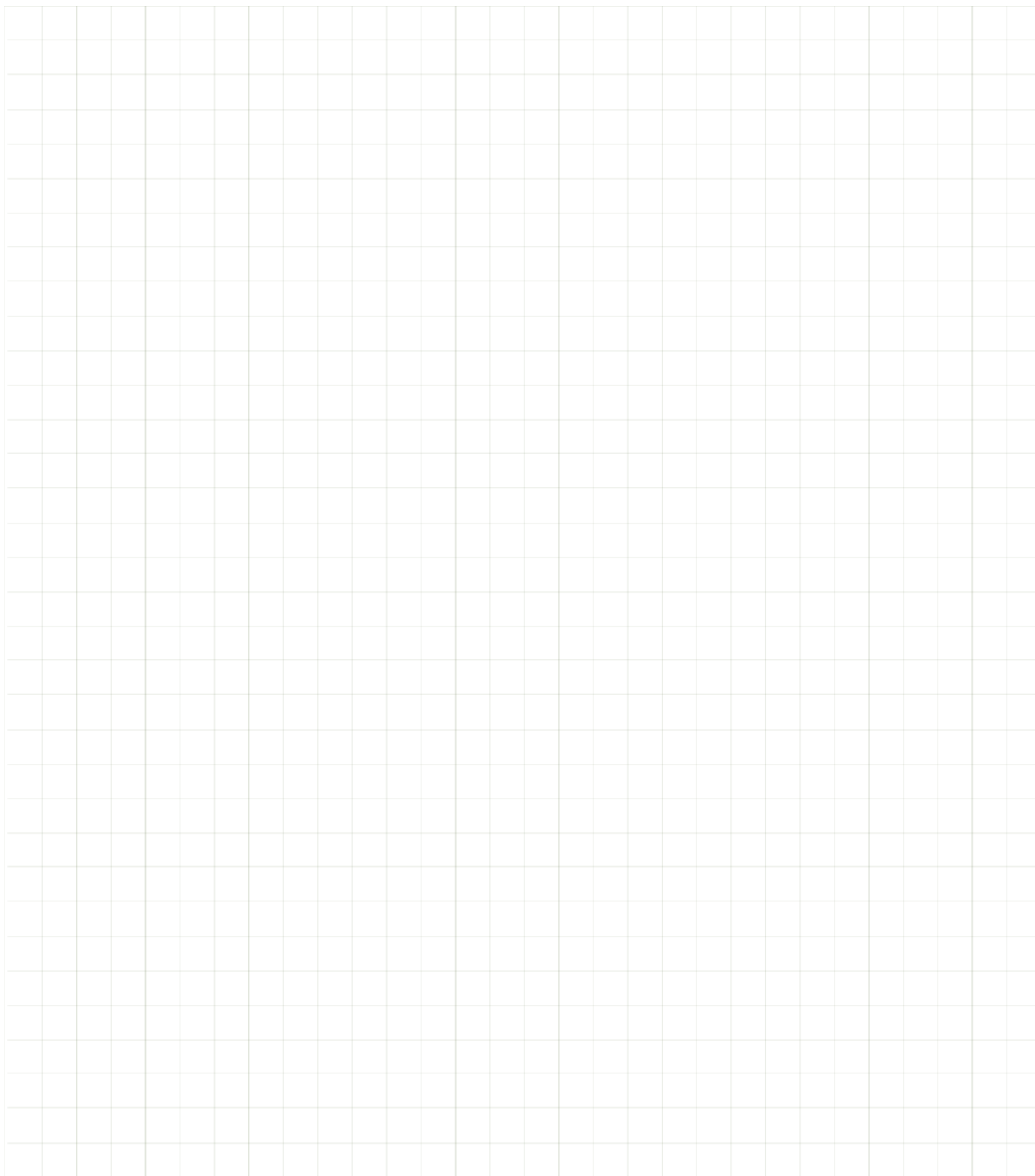


Figure 3 Vehicle Incline Specifications and Turning Diameter

GENERAL SPECIFICATIONS

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Notes:

A large grid of 20 columns and 30 rows for taking notes. The grid is composed of light gray lines on a white background, providing a structured space for handwritten or typed notes.

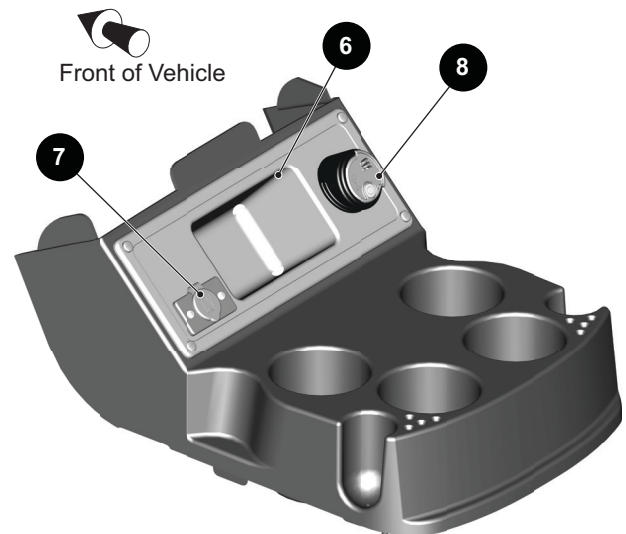
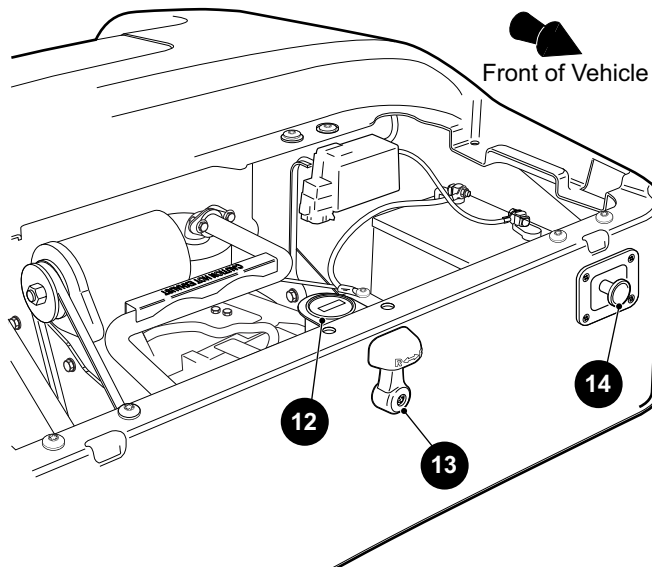
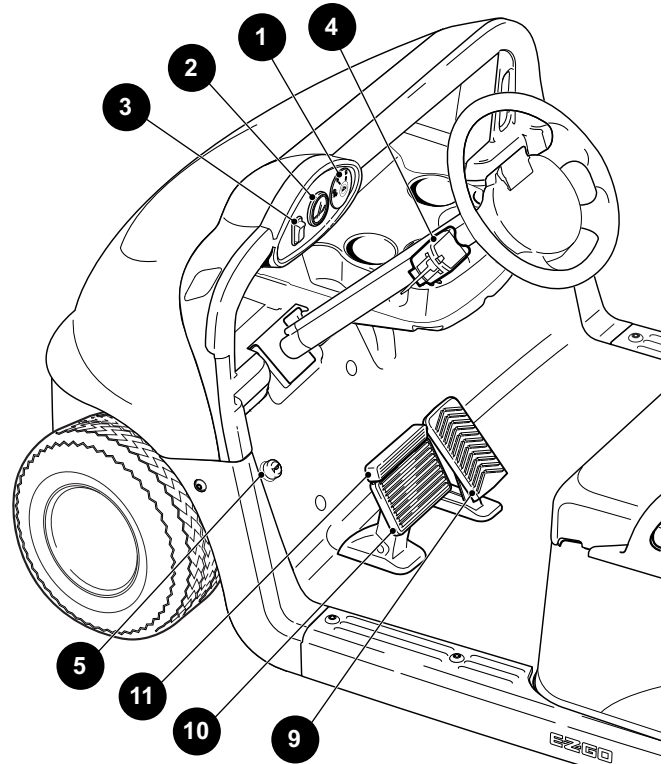
Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

INTRODUCTION

CONTROLS AND INDICATORS

Vehicle controls and indicators consists of:

1. Key Switch
2. Fuel Gauge (if equipped)
3. Head Light Switch (if equipped)
4. Turn Signal Switch (if equipped)
5. Horn Button (if equipped)
6. Center Compartment
7. Power Outlet, 12V (if equipped)
8. USB Port (if equipped)
9. Accelerator Pedal
10. Brake Pedal
11. Parking Brake
12. Hour Meter (if equipped)
13. Direction Selector
14. Choke



INTRODUCTION

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

FEATURES

General Information

Key Switch



CAUTION

To decrease the risk of component damage, stop the vehicle before you move the key switch or the direction selector.

The key switch (1) is located on the dash panel. The switch controls the basic electrical system of the vehicle to be turned on and off by turning the key. To prevent accidental operation of an unattended vehicle, turn the key to the OFF position and remove from the switch (Figure 1).

NOTICE

If the vehicle has accessories that were installed at the factory, some accessories continue to operate with the key switch in the OFF position.

Headlight Switch (if equipped)

If the vehicle is equipped with lights, the headlight ON/OFF switch (3) is located on the instrument panel to the left of the key switch (1) (Figure 1).

Turn Signal Switch (if equipped)

The turn signal switch (4) is on the steering column and controls the operation of the right and left turn signal lights (Figure 1).

Horn (if equipped)

The horn button (5) is located on the driver side of the floorboard. Press the button to activate the horn (Figure 1).

Fuel Gauge with Low Oil Pressure Indicator (if equipped)

The Fuel gauge (6) is located on the dash panel to the left of the key switch (1). The fuel gauge indicates the amount of fuel remaining in the fuel tank. The fuel gauge operates only when the key is in the ON position and the accelerator is pressed (Figure 1).

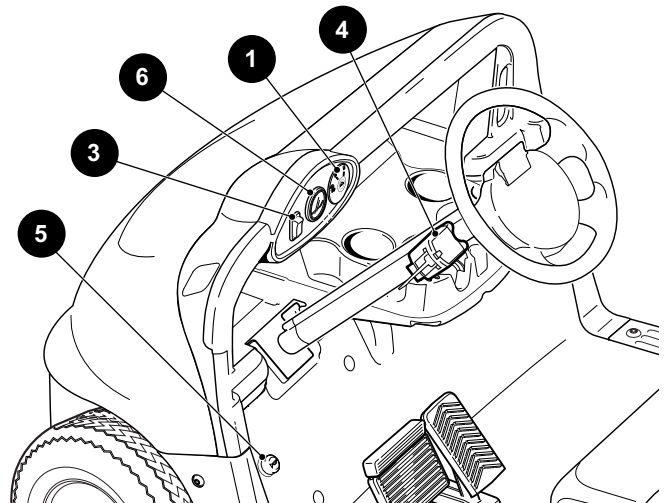


Figure 1

The fuel gauge has a low oil pressure indicator. A low engine oil pressure condition is shown with an indicator light.

The indicator light illuminates when the oil pressure is low. Check oil level. If the light is on and the oil level is between the ADD and FULL mark on the dipstick, the engine has a mechanical problem and you must not operate the vehicle. Contact a vehicle distributor or authorized branch.



CAUTION

To prevent engine damage DO NOT operate the vehicle until the oil pressure is corrected. DO NOT over fill the engine. Too much oil may cause smoking or allow oil to enter the air filter enclosure.

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

12-Volt Power Outlet (if equipped)

A 12-Volt power outlet (7) is located to the left of the center compartment. The outlet supplies continuous power for any accessories that have a 12-Volt plug (Figure 2).

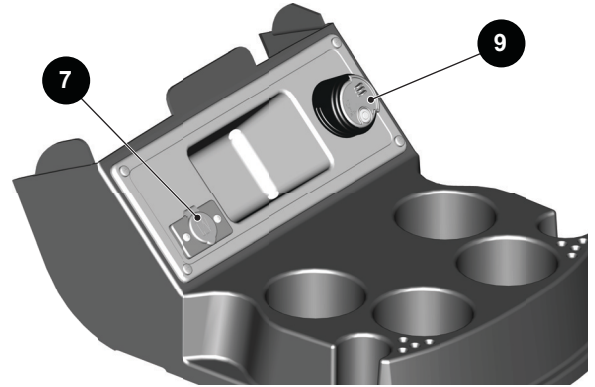


Figure 2

USB Port (if equipped)

A USB port (9) is located to the right of the center compartment (Figure 2).

Direction Selector

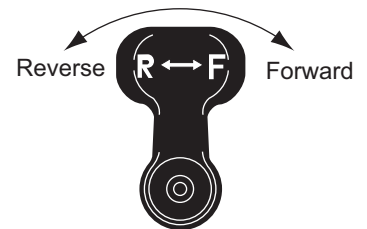


To reduce the possibility of component damage, the vehicle must be completely stopped before moving the direction selector.

The direction selector is located on the seat panel and allows the operator to select F (forward) or R (reverse). The vehicle should be left in F when unattended.

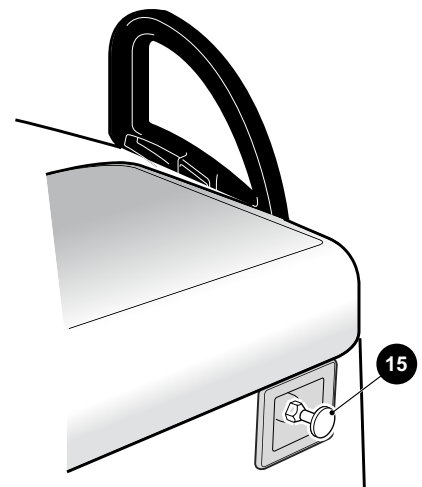
When you leave the vehicle, put the direction selector in the F position, engage the parking brake, turn the key to OFF position and remove the key.

When the direction selector is moved to the R position, a reverse warning buzzer activates.



Choke

The choke (15) is located on the seat panel below the driver seat. The choke helps start the vehicle when the engine is cold.



INTRODUCTION

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Accelerator Pedal



Accidental movement of the accelerator pedal can cause the vehicle to suddenly move and cause severe injury or death.

With the key switch in the ON position, press the accelerator pedal (12) to start the engine. When the pedal is released, the engine will stop. To stop the vehicle immediately, press the brake pedal (13) (Figure 3).

When you press the accelerator pedal (12), the parking brake will be released if it is engaged. This is a feature to assure the vehicle is not driven with the parking brake engaged. This is not the preferred method of releasing the parking brake (Figure 3).

Brake and Parking Brake Pedal

The foot operated parking brake is the top part of the brake pedal (13). To engage the parking brake, press on the upper section of the pedal until it locks in position. Press the lower part of the brake pedal to release the parking brake (Figure 3).

NOTICE

Pressing the bottom of the brake pedal is the preferred method of releasing the park brake to assure the longest service life of the brake components.

A parking brake that is engaged releases when you press the accelerator pedal. This is a feature to make sure the vehicle is not driven with the parking brake engaged. Pressing the accelerator pedal is not the recommended method to release the parking brake.

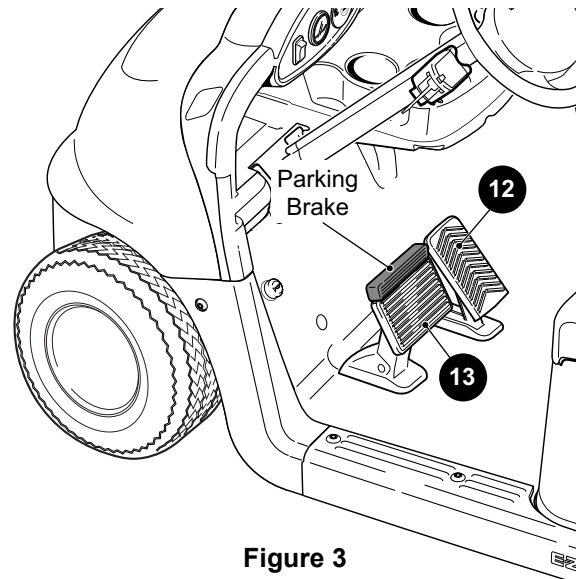


Figure 3

Front Seat

The front seat (14) is for two people, one person on each side of the seat (Figure 4).

Front Hip Restraint

The front hip restraints (15) help people stay in position while the vehicle is in motion (Figure 4).

Cup Holder

The vehicle has a cup holder (16) for the benefit of both the driver and passenger (Figure 4).

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Steering Wheel

The steering wheel (17) controls the direction of vehicle travel (Figure 4).

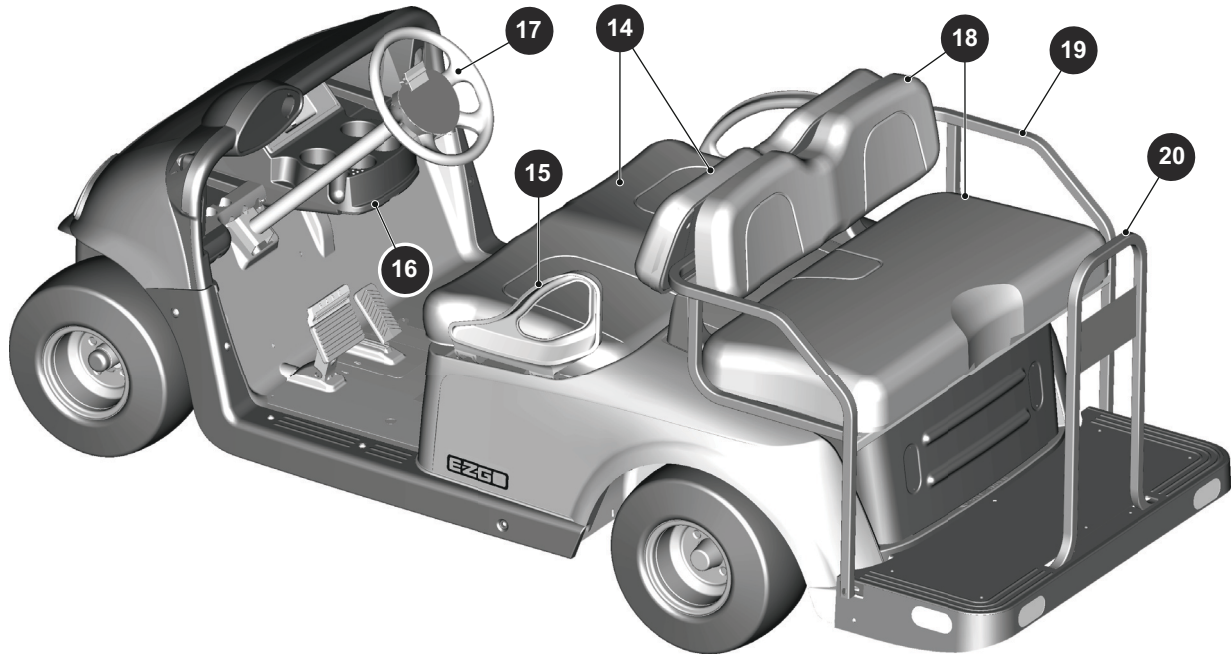


Figure 4

Rear Seat and Cargo Platform (if equipped)

WARNING

Rear passengers must stay in the seat and hold both the hand rail and rear handle while the vehicle is in motion.

Do not allow passengers to ride on the cargo platform. A sudden move or stop can cause severe injury or death to passengers on the cargo platform.

The vehicle has a feature that functions as a rear seat (18) or a cargo platform (Figure 4).

When in the upright position, it is a rear seat for two passengers. Fold the seat flat for a cargo platform.

Rear Hand Rail

There is a hand rail (19), one on each side of the rear seat to help passengers stay in position when the vehicle is in motion. The passengers must hold the rear hand rail whenever the vehicle is in motion (Figure 4).

Rear Handle

The rear handle (20) is located at the far end of the vehicle in the center of the rear footrest. The handle helps the passengers stay in position when the vehicle is in motion. The passengers must hold the handle when the vehicle is in motion (Figure 4).

Weather Enclosure (if equipped)

A weather enclosure provides protection from strong weather conditions.

Rear View Mirror (if equipped)

The rear view mirror is adjustable for use during the day or night.

INTRODUCTION

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Notes:

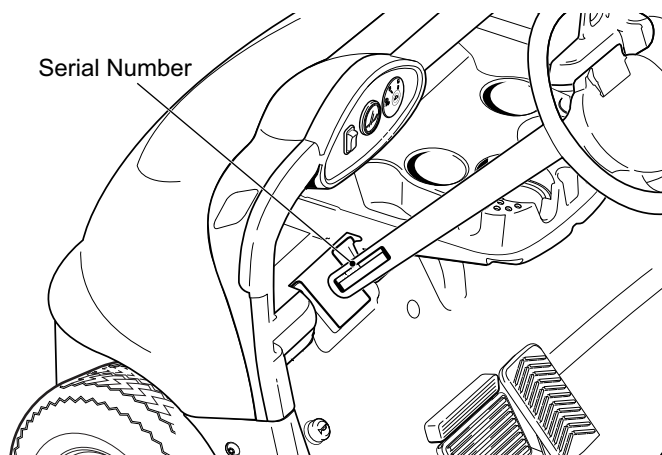
Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

OPERATING PROCEDURES

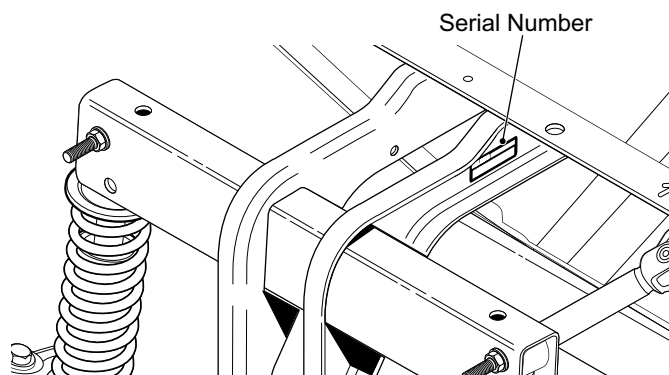
SERIAL NUMBER LOCATION

Three serial number and manufacture date code labels are on the vehicle. One of the labels is found on the steering column, the second label is found on the frame member under the front splash shield on the driver side, and the third is found on the passenger side frame rail at the rear of the vehicle (Figure 1).

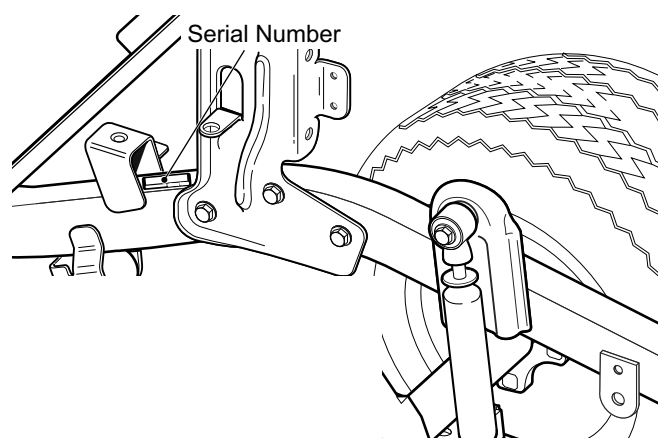
Design changes occur continuously. When you order service parts, the PIN number, manufacture date code or serial number must be available.



Serial Number Location on Steering Column



Serial Number Location on Front Frame



Serial Number Location on Rear Frame

Figure 1 Serial Number Locations

OPERATING PROCEDURES

Read all of **SAFETY** and this section before attempting any procedure. Pay particular attention to **Notices, Cautions, Warnings and Dangers**.

BEFORE INITIAL USE

Read, understand and follow the safety label on the cup holder. Make sure you understand how to safely operate the vehicle and its equipment.

WARNING

Reckless use of this vehicle can cause severe injury or death. This vehicle is a light-duty vehicle, NOT an All Terrain Vehicle (ATV).

Do not engage in rough or reckless operation of this vehicle.

If you do not know the terrain, make sure you prepare for unexpected occurrences. If the vehicle does not move or the battery is out of charge, an one-hour drive can take many hours to return on foot.

To prevent battery explosion, keep all flammable materials, open flame or sparks away from the battery.

Never charge a battery near flammable materials, open flame or sparks. Never charge a battery near gas water heaters and furnaces.

Before a new vehicle is put into operation, do the items shown in the **INITIAL SERVICE CHART**.

INITIAL SERVICE CHART	
Item	Service Operation
Seats	Remove the protective plastic cover.
Brakes	Check the operation.
	Calculate the distance necessary to stop the vehicle for the brake performance test.
Tires	Check air pressure (18 - 22 psi).
Fuel	Fill tank with correct fuel.
Engine	Check oil level.
General	Check for possible fluid leaks that may have developed during shipment.

HOW TO OPERATE THE VEHICLE

CAUTION

Incorrect use of the vehicle or the lack of proper maintenance can cause damage or decreased performance.

Read the following warnings before you operate the vehicle.

WARNING

Make sure you know the terrain and traffic conditions. Make sure you know environmental conditions that change the terrain and your ability to control the vehicle. Drive the vehicle only as fast as terrain and conditions allow.

OPERATING PROCEDURES

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

When possible, stay in approved areas. Do not drive on steep slopes.

Do not drive fast downhill. Sudden stops or change of direction can cause a loss of control. Use the brake to control the speed of the vehicle when you drive down a slope.

To prevent loss of control, do not move the direction selector while the vehicle is in motion. If you move the selector, the speed will immediately decrease and a warning device will activate.

Decrease speed before and during turns.

Do not drive the vehicle up, down, or across a slope that is more than 14° (25% grade).

See GENERAL SPECIFICATIONS for the vehicle load and seat capacity.

When the accelerator pedal is pressed, the foot-operated parking brake releases and can cause accidental or sudden vehicle movement. When the vehicle is parked, make sure the key is in the OFF position.

When you leave the vehicle, turn the key to the OFF position and remove from the switch to prevent accidental operation.

Make sure the direction selector is in the correct position before you press the accelerator pedal.

Make sure you completely stop the vehicle before you move the direction selector to a different position.

Do not take vehicle out of gear while in motion.

Before you drive in the reverse direction, make sure the area behind the vehicle is clear.

Driver and passengers must stay in their seats while the vehicle is in motion.

Always keep feet, legs, hands and arms inside vehicle while in motion.

Direction Selector Operation

WARNING

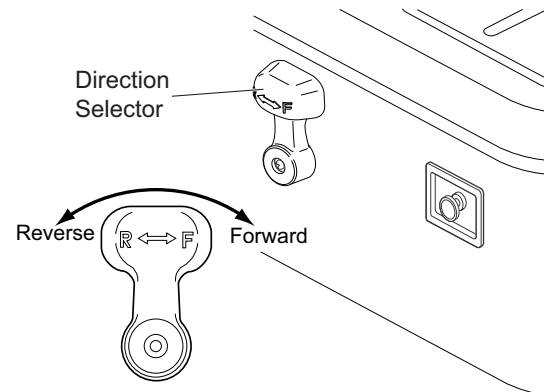
To prevent loss of control, do not move the direction selector to a different position while the vehicle is in motion. If you move the selector, the speed will immediately decrease and a warning device will activate.

Move the direction selector to F (Forward) to move in the forward direction.

Move the direction selector to R (Reverse) to move in the reverse direction. A reverse warning buzzer activates when the direction selector is moved to the R position.

The position between F and R is the neutral position.

When you leave the vehicle, put the direction selector in the forward position, engage the parking brake and remove the key from the switch.



OPERATING PROCEDURES

Read all of **SAFETY** and this section before attempting any procedure. Pay particular attention to **Notices, Cautions, Warnings and Dangers.**

Accelerator Pedal Operation

WARNING

Accidental movement of the accelerator pedal can cause the vehicle to suddenly move and cause severe injury or death.

An engaged parking brake will release when the accelerator pedal is pressed and cause the vehicle to move suddenly. When the vehicle is parked, make sure the key is in the OFF position so that the electrical system is disabled.

When the key switch is in the ON position, press the accelerator pedal to start the engine and move the vehicle. Release the pedal to stop the engine.

Press the brake pedal to stop the vehicle quickly.

If the key switch is in the ON position and the parking brake is engaged, the brake releases when you press the accelerator pedal and can cause the vehicle to move suddenly. This is a feature to make sure the vehicle is not driven with the parking brake engaged. Pressing the accelerator pedal is not the recommended method of to release the parking brake.

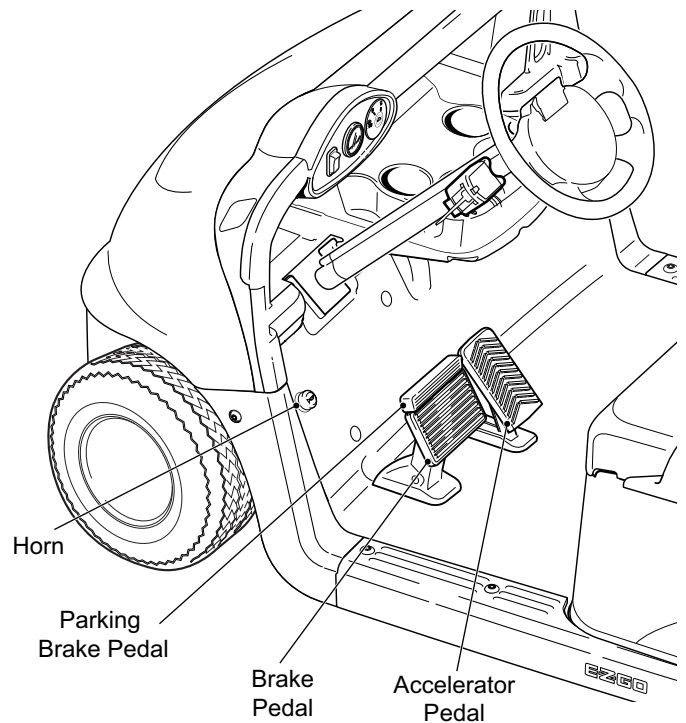
Brake and Parking Brake Operation

The function of the lower part of the brake pedal is to control speed. Press the lower part of the pedal to decrease speed or stop the vehicle.

To engage the parking brake, press the upper section of the pedal until it locks into position. Press the lower part of the pedal to release the parking brake.

Horn (if equipped)

If the vehicle is equipped with a horn, the horn button is located on the driver's side of the floorboard. Pressing the button will sound the vehicle's horn.



Rear Seat and Cargo Platform Operation

CAUTION

To prevent damage to the rear seat, move any accessories that are installed on the hand rail, when you fold the seat.

Fold the seat to the flat position to access the cargo platform.

WARNING

Secure the loads on the platform to prevent movement.

Put the load on the platform as far forward as possible.

OPERATING PROCEDURES

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

The center of gravity of the load must be less than 4 inches (10 cm) above the platform.

Do not put more than the specified capacity on the platform.

Increased loads can change the driving properties of the vehicle.

Do not allow passengers to ride on the cargo platform.

When you put cargo on the platform, make sure you follow the information below to decrease the risk of injury, damage to the vehicle or cause the vehicle to tilt over.

- Put the load on the platform as far forward as possible.
- Secure the loads on the platform to prevent movement.
- The center of gravity of the load must be less than 4 inches (10 cm) above the platform.
- The load capacity of the cargo platform is a maximum of 250 lbs. (115 kg). Do not put more than the specified capacity on the platform.

Increased loads can change the drive properties of the vehicle.

12-Volt Power Outlet



CAUTION

Overuse of accessories can drain the battery and leave insufficient charge to start the vehicle.

Excessive use of accessories that are connected to the outlet can drain the battery.

Lift the cover and insert the 12-Volt accessory plug.



STARTING AND DRIVING

To operate the vehicle:

- Apply the brake, put the key in the key switch and turn to the ON position.
- Move the direction selector to the desired direction.
- Press the brake to release the parking brake.
- Slowly press the accelerator pedal to start the engine. Release brake when the engine starts.
- When the accelerator pedal is released, the ignition circuit is de-energized and the engine stops. To stop the vehicle quickly, press the brake pedal.

NOTICE

When the direction selector is in the reverse position, a warning signal activates to indicate that the vehicle is ready to run in the reverse direction.

OPERATING PROCEDURES

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Run-In



CAUTION

Avoid full throttle starts and fast acceleration until the engine has reached operating temperature.

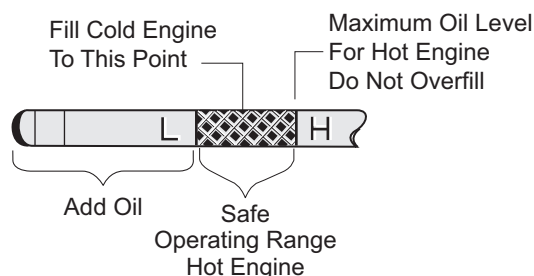
All engines use more oil than normal during the first hours of operation. As internal moving parts are run-in, oil use will gradually decrease until the rate of use stabilizes.

Check the oil level according to the Periodic Service Schedule. Add oil if the level on the dipstick indicates that oil is in the add oil range.



CAUTION

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



NOTICE

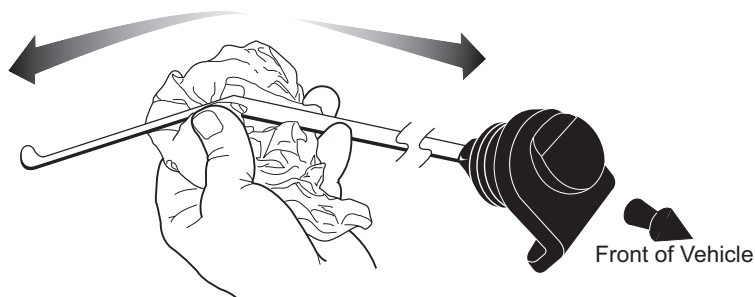
The oil dipstick and fill cap must be in position before starting the engine. Failure to install the dipstick and fill cap will cause oil contamination and/or oil discharge into the engine compartment.

Oil dipsticks are unique to this model vehicle. Do not use a dipstick from another engine.

Dipstick must be installed with the lip towards the front of the vehicle.

Change the oil according to the Periodic Service Schedule while the engine is warm.

See the Repair and Service Manual for procedures to check the oil level and change the oil.



Cold-Start

The use of a choke may be necessary to start a cold engine.

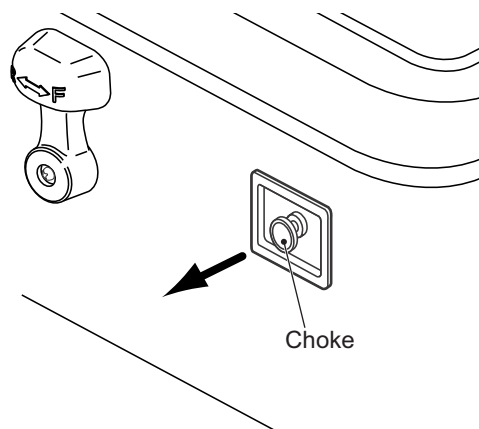
Press the accelerator 1 inch (2.5 cm) or until the starter begins to operate. Pull the choke out if needed. Press the accelerator slowly and push the choke in completely when the engine is running smoothly.



CAUTION

Do not allow the starter to operate continuously for more than 10 seconds. Allow 30 seconds between starting tries. If the vehicle does not start on the third try, turn the key to the OFF position, set the parking brake and find the cause of the problem.

If the vehicle had been running and the engine does not start within 10 seconds, use the choke.



Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Starting Vehicle On A Hill

WARNING

To decrease the risk of roll-back, do not release the brake until the engine has started.

CAUTION

Do not use the accelerator and engine to hold the vehicle on a hill. Doing so will cause early and excessive wear to the drive train components.

To decrease the risk of permanent damage to the drive train, do not allow roll-back when you start the vehicle on a hill.

Put left foot on brake and release the parking brake. Press the accelerator with right foot and release the brake.

Coasting

WARNING

Do not allow the vehicle to coast at above recommended speeds. Control vehicle speed with the brake.

Steep hills allow the vehicle to move at faster speeds than speeds on a flat surface. To prevent the loss of vehicle control and possible injury, speeds must be controlled to the maximum level ground speed indicated in the GENERAL SPECIFICATIONS section. Apply the brake to control the speed.

FUEL

WARNING

To decrease the risk of severe injury or death from improper fuel handling:

Do not smoke near the fuel tank.

Do not add fuel near open flame or electrical items that can cause a spark.

Always handle gasoline in a well ventilated area.

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

Inspect the fuel cap, tank and other components for leaks or damage that can cause a hazardous condition.

CAUTION

Oxygenated or reformulated gasoline, is mixed with alcohols or ethers. Excessive amounts of these blends can damage the fuel system or cause performance problems. If any operating problems occur, use gasoline with a lower percentage of alcohol or ether.

Use clean regular grade unleaded fuel. The Ethanol blend fuel up to 10% is permitted.

OPERATING PROCEDURES

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Do not use gasoline that contains methanol.

High altitude or heavy use/load applications can benefit from higher octane gasoline.

FUEL TANK

The fuel tank is found below the seat on the passenger side of the vehicle. Fill the tank with clean, automotive grade gasoline.

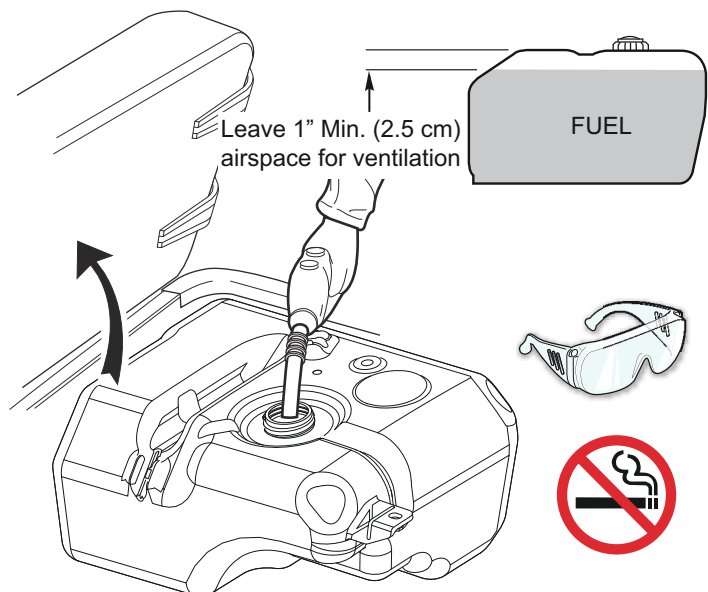
Early Production Fuel Tank

WARNING

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

Early production fuel tanks can be identified by the location of the fuel cap which is located in the middle of the top of the tank as shown.

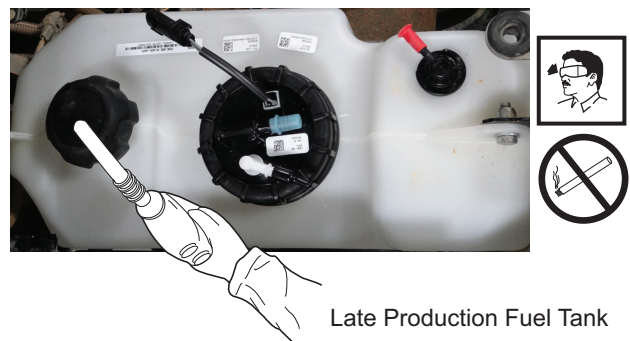
Early production fuel tanks require enough space for the expansion of the gasoline. Leave at least 1-inch (2.5 cm) of space below the bottom of the filler neck.



Late Production Fuel Tank

Late production fuel tanks can be identified by the location of the fuel cap which is located in the rear of the top of the tank as shown.

Late production fuel tanks are designed to allow for fuel expansion and do NOT require space below bottom of filler neck.



Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

BATTERY



CAUTION

Heavy use of accessories drains the battery which can leave insufficient reserve to start the vehicle.

The vehicle uses a starter/generator to start the engine and charge the battery. The engine will not idle. The battery does not charge while the vehicle is stopped. Do not operate lights and other accessory items excessively while the vehicle is stopped.

The generator can supply 35 amps. Operation of all accessories can cause the discharge of the battery even if the engine is running and the generator is operating. Discharging the battery is known as deep cycling. The battery is not a deep cycle model. It is a starting battery. Multiple deep cycling causes early failure of the battery.

If the battery has discharged, charge it with a 12-volt charger that is rated at 10 amps or less and according to instructions supplied by the manufacturer of the charger.

LABELS AND PICTOGRAMS

The vehicle can have labels with pictograms to provide information or warnings. Refer to the SAFETY section of this manual for the description of the labels.

SUN TOP AND WINDSHIELD (IF EQUIPPED)



WARNING

The sun top does not provide protection from roll-over or falling objects.

The windshield does not provide protection from tree limbs or flying objects.

The sun top and windshield provide some protection from the elements; however, they will not keep the operator and passenger dry in heavy rain. This vehicle is not equipped with seat belts and the sun top has not been designed to provide roll-over protection. In addition, the sun top does not protect against falling objects nor does the windshield protect against flying objects and tree limbs. Keep arms and legs inside whenever the vehicle is in motion.

OPERATING PROCEDURES

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Notes:

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

MAINTENANCE

VEHICLE CLEANING AND CARE

WARNING

Read and understand all instructions supplied by the manufacturer of the pressure washer before use.

CAUTION

When you clean the outside of the vehicle with a pressure washer, do not use more than 700 psi pressure. Keep a minimum distance of 12 inches from the spray nozzle to the painted surface. Do not clean the plastic parts with abrasive solvents.

Make sure you use correct methods and cleaning materials to prevent risk of damage to the outside of the vehicle. The use of more than 700 psi water pressure can cause injury to anyone in the area or damage to vehicle.

Clean the windshield with water and a clean cloth. Remove small scratches with a plastic polish or Plexus® plastic cleaner, available from the service parts department.

Apply a soap and water solution with a sponge or soft brush to clean the vinyl seats and plastic or rubber trim. Dry with a cloth.

Use a commercially available vinyl and rubber cleaner to remove oil, tar, asphalt, shoe polish, etc.

Wash the vehicle frequently with cool water and mild detergent to protect the painted surfaces.

Apply wax that is for clear coat automotive finishes to improve the appearance and protection of the painted surfaces. Do not apply wax to matte finish surfaces.

Materials used as fertilizers or for dust control can collect on the bottom of the vehicle. These materials will cause corrosion of components, unless cleaned with water. Clean areas where mud or dirt can collect. Loosen the sediment that is packed in closed areas to help with removal. Be careful not to damage the paint.

ENVIRONMENTAL CONCERNS

WARNING

As a responsible user, practice respect for all wildlife and their habitat. Respect private property and comply with all local laws and regulations governing the use of light duty utility vehicles.

Always be respectful of the environment.

Make sure you are permitted by property owners to operate the vehicle on their property.

There is a risk of fire when the vehicle is operated near combustible material.

Be careful of environmental hazards like steep slopes, tree branches, etc.

MAINTENANCE

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Battery Disposal

Return used batteries to the manufacturer or lead smelter for recycling. For neutralized spills, put residue in acid-resistant containers with absorbent material, sand or earth and discard according to state and federal regulations for acid and lead compounds. Contact authorized environmental authorities for information about disposal.

LIFTING THE VEHICLE

You must lift the front, the rear or the entire vehicle for some service and maintenance operations.

WARNING

The vehicle is not stable during the lifting process.

Make sure the vehicle is on a hard and level surface.

Never get below a vehicle that is supported by a jack only.

Make sure a vehicle that is supported on jack stands is stable before you get below the vehicle.

Put wheel chocks in front and behind the wheels that remain on the ground.

Do not allow any person in or on the vehicle being lifted.

CAUTION

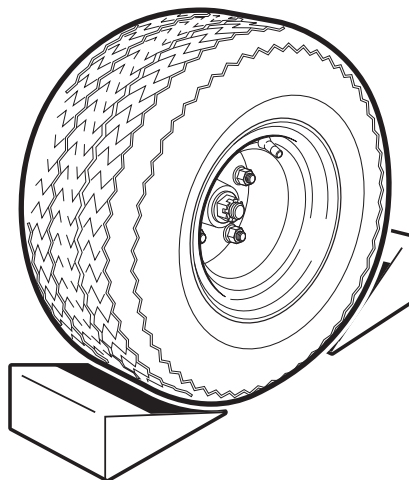
When you lift the vehicle, put the jacks and jack stands at the areas indicated only.

Tool List	Qty.	Tool List	Qty.
Floor Jack.....	1	Jack Stands.....	4
Wheel Chocks	4		

Remove payload from vehicle before lifting. No person(s) should be in or on the vehicle while lifting.

How to Lift the Entire Vehicle:

1. Install wheel chocks in front and behind each front wheel.
2. Center the jack under the bagwell.
3. Lift the vehicle enough to place two jack stands under the frame where the leaf spring mounting brackets are welded to the frame.
4. Lower the jack and test the stability of the vehicle on the two jack stands.
5. Place the jack under the center front just behind the bumper.
6. Lift the vehicle and place two jack stands under the frame where the instrument panel support is attached to the frame.
7. Lower the jack and test the stability of the vehicle on the jack stands.



Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

How to Lift the Rear of the Vehicle Only:

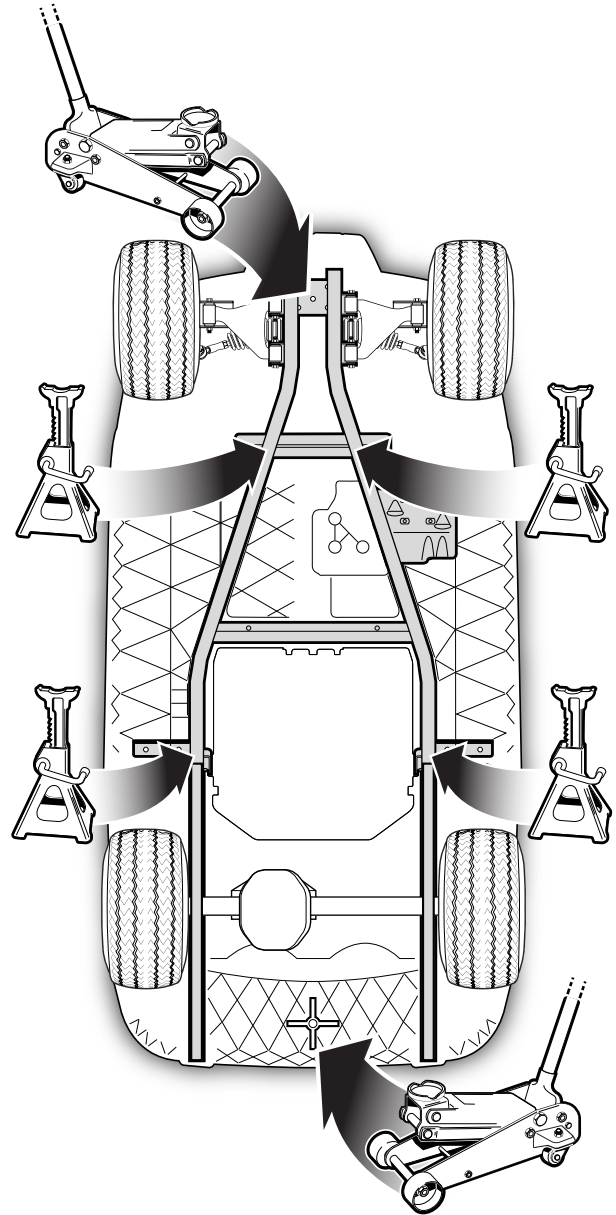
1. Install wheel chocks in front and behind each front wheel.
2. Center the jack under the bagwell.
3. Lift the vehicle enough to place two jack stands under the frame where the leaf spring mounting brackets are welded to the frame.
4. Lower the jack and test the stability of the vehicle on the two jack stands.

How to Lift the Front of the Vehicle Only:

1. Install wheel chocks in front and behind each rear wheel.
2. Place the jack under the center front just behind the bumper.
3. Lift the vehicle and place two jack stands under the frame where the instrument panel support is attached to the frame.
4. Lower the jack and test the stability of the vehicle on the two jack stands.

Lower the Vehicle:

1. Lift the vehicle enough to remove the jack stands.
2. Carefully lower the vehicle to the ground with the jack.



WHEELS AND TIRES

WARNING

To decrease the risk of tire explosion, add small amounts of air to the tire at intervals to seat the tire beads. Over inflation of small tires can occur in a few seconds.

Do not over inflate the tires. Excess pressure can cause the tire to separate from the wheel or explode.

MAINTENANCE

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Protect face and eyes when removing a tire valve core.

Use only sockets made for use with impact wrenches to decrease the risk of injury caused by a broken socket.

Do not use tires that have a recommended tire inflation pressure less than the tire pressure recommended.

Tire Repair

Tool List	Qty.	Tool List	Qty.
Lug Wrench, 3/4"	1	Impact Socket, 3/4"	1
Impact Wrench	1	Torque Wrench, ft. lbs.	1

Use caution when you inflate the tires. Because of the low volume of the small tires, over inflation can occur in seconds. Over inflation can cause the tire to separate from the wheel or cause a tire explosion.

The general recommended tire inflation pressure is 18-22 psi. Tire inflation pressure can be adjusted for the condition of the terrain.

For outdoor applications with primary use on areas with grass, consider the following:

- Slightly higher tire inflation pressure is suitable on hard turf
- A lower pressure decreases the risk of tires cutting into a soft turf

For hard surfaces or pavement, tire inflation pressure must be in the higher allowed range, but not more than recommended on the tire sidewall.

All four tires must have the same pressure for best control qualities. Always install the valve stem cap after you check or inflate the tires.

The vehicle has low-pressure tubeless tires, installed on one-piece rims.

Use a tire plug to repair small holes in the tread part of the tire. For large holes and cuts, replace the tire.

NOTICE

Tire plug tools and plugs are available at automotive outlets. The tires do not have to be removed from the wheel to install the tire plugs.

If the tire is flat, remove the wheel and inflate the tire to the recommended maximum pressure for the tire. Submerge the tire in water to find the leak and mark with chalk. Install the tire plug according to manufacturers instructions.

Wheel Installation



CAUTION

To decrease the risk of component damage, do not tighten lug nuts to more than 63 - 77 ft. lbs. (85 - 105 Nm) torque.

NOTICE

Always follow the cross-sequence pattern when you install the lug nuts to make sure the wheel is evenly seated against the hub.

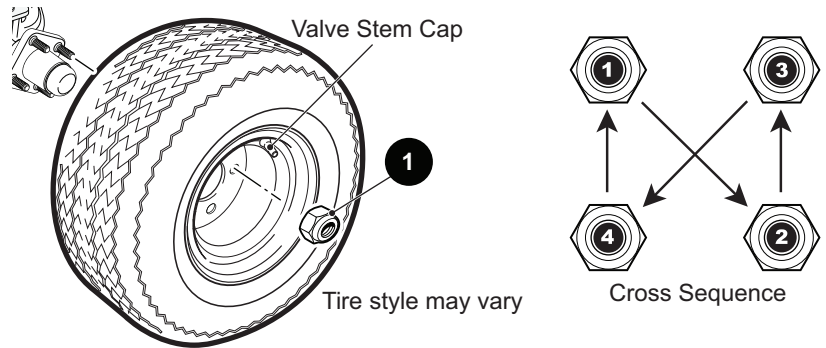
Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

With the valve stem to the outside of the wheel, install the wheel on the hub with lug nuts.

Tighten the lug nuts (1) with your fingers in the cross-sequence pattern shown.

Tighten the lug nuts to 63 - 77 ft. lbs. (85 - 105 Nm) torque in 20 ft. lbs. (27 Nm) increments.

Continue to follow the cross-sequence pattern until the correct torque is reached.



LIGHT BULB REPLACEMENT

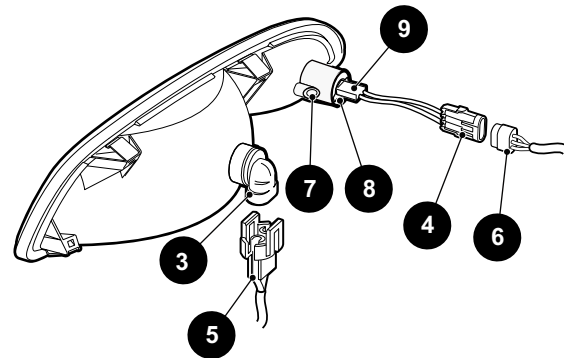
CAUTION

To decrease the risk of premature bulb failure, do not allow your fingers to contact new bulbs. Use clean, dry paper or paper towels to touch the glass part of the bulb.

Headlight (if equipped)

Make sure that the vehicle key switch is in the OFF position and the key has been removed.

- Disconnect the accessory harness (5) from the light bulb.
- Turn the headlight bulb (3) clockwise and pull to remove.
- Align the new bulb with the opening in the back of the headlight assembly.
- Turn the bulb (3) counter clockwise until it stops.
- Connect the accessory harness (5) to the light bulb (3).



Turn Signal (if equipped)

Make sure that the vehicle key switch is in the OFF position and the key has been removed.

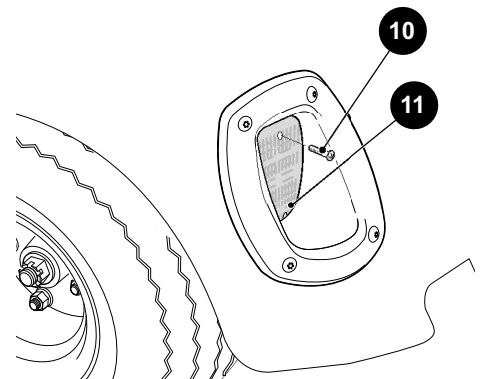
- Remove the phillips head screw (7) and turn the retaining collar (8) to align with the turn signal bulb housing (9).
- Grip the turn signal bulb housing (9) and pull backward to remove housing from the headlight assembly.
- Remove the bulb from the housing and replace with a new one.
- Push turn signal housing (9) into headlight assembly firmly, making sure that it is seated completely.
- Turn the retaining collar (8) to secure the bulb housing and install the phillips head screw (7) to secure in place.

Taillight (if equipped)

Make sure that the vehicle key switch is in the OFF position and the key has been removed.

- Remove the two phillips head screws (10) that secure the lens (11) to the taillight assembly.
- Remove the light bulb.
- Install the new light bulb.
- Install the lens (11) and secure in place with the two phillips head screws (10).

Replacement bulbs are available from a local Distributor, an authorized Branch or the Service Parts Department.



MAINTENANCE

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

VEHICLE WITH A DISCHARGED BATTERY

WARNING

To decrease the risk of severe injury or death from accidental movement, do not use jumper cables to start the vehicle.

The vehicle has a starter/generator and does not idle. When you start the engine, the starter/generator functions as a starter and with the engine running, it functions as a generator.

The generator can keep the battery charged with the short run times with this type of vehicle. The generator will not charge a discharged battery.

When the engine starts, the clutches engage and cause the vehicle to move making 'jump starting' both dangerous and impractical.

If the battery has discharged, charge it with a 12-volt charger that is rated at 10 amps or less and according to instructions supplied by the manufacturer of the charger.

TRANSPORTING VEHICLE

Towing

WARNING

Do not ride or allow other people on the vehicle being towed.

DO NOT try to tow the vehicle with ropes, chains or any device other than a tow bar approved by the factory.

DO NOT tow a single vehicle at speeds in excess of 12 mph (19 kph).

DO NOT exceed 5 mph (8 kph) while towing multiple vehicles.

DO NOT tow more than three vehicles at a time.

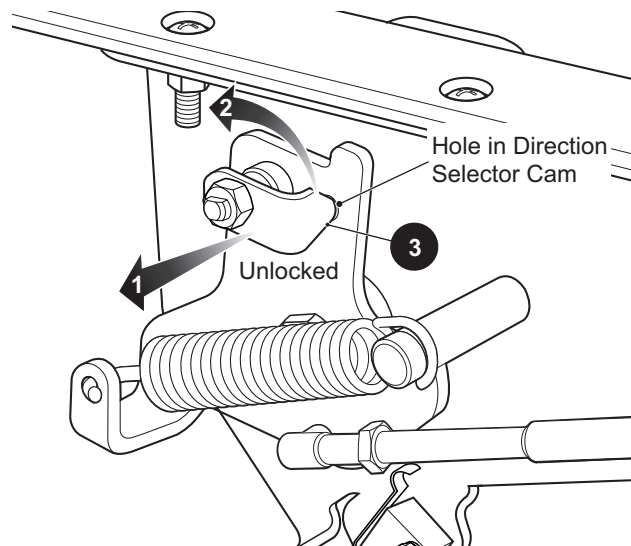
Do not tow the vehicle on highways.

Neutral Lock

To prevent the driven clutch from turning the rear wheels during service operations, a neutral lock is located on the direction selector.

To operate: Turn key switch to OFF and lift the seat. Pull out and rotate the neutral lock pin handle so that the pointed portion of the handle is to the side of the direction selector cam. Move the direction selector towards the area between F and R. During that motion, the pin will snap into the hole in the direction selector mounting bracket preventing any movement.

When in this position, the direction selector remains locked in the neutral position. To unlock the direction selector, pull the neutral lock pin handle out and rotate until the pointed portion of the handle fits into the hole in the direction selector cam.



Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Hauling

WARNING

Make sure you secure the vehicle and all items before you transport a vehicle on a trailer.

DO NOT allow any people on a vehicle being transported on a trailer.

Remove the windshield before you transport vehicle on a trailer.

Maximum speed with sun top installed is 50 mph (80 kph).

If you transport the vehicle on a trailer at highway speeds, the sun top must be removed and the seat bottom secured.

When you transport the vehicle on a trailer below highway speeds, check for tight hardware and cracks in the sun top at the mounting points.

The rated capacity of the trailer or truck must be more than the weight of the vehicle and load plus 1000 lbs. (454 kg). See GENERAL SPECIFICATIONS for the weight of the vehicle.

Secure the vehicle to the trailer with ratchet tie downs.

SERVICE AND MAINTENANCE

WARNING

Read all notices, cautions and warnings before any type of service operations.

The drive wheels must be lifted and supported on jack stands before you do any service to the powertrain when the engine is in operation.

To decrease the risk of engine damage, do not operate the vehicle at full throttle for more than 5 seconds with the drive wheels lifted off the ground.

Disconnect the negative (-) battery cable before you service the vehicle to prevent accidental operation.



Wear eye protection when you service the vehicle. Be careful when you do work around batteries, use solvents or compressed air.

To decrease the risk of an electrical arc, which can cause a battery explosion, disable all electrical loads from the battery before you remove the battery wires.

Use insulated wrenches to decrease the risk of a wrench falling on a battery to cause a short-circuit. A battery short-circuit can cause an explosion.

The electrolyte in a battery is an acid solution which can cause burns to the skin and eyes. Completely clean all electrolyte spills that contact the body and eyes with clear water. Contact a physician immediately.

Neutralize electrolyte spills with a solution of 2 teaspoons (10 ml) sodium bicarbonate (baking soda) mixed in 1 quart (1 liter) of water. Rinse with water.

MAINTENANCE

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Be careful when you use aerosol containers near battery terminals. Insulate metal containers to decrease the risk of a short-circuit or explosion if the container is dropped across the battery terminals.

The vehicle owner and service technician must carefully follow the procedures recommended in this manual. The preventative maintenance, applied at recommended intervals, keeps the vehicle dependable and decreases the costs for the repairs. Refer to the Periodic Service Schedule for service and intervals. Refer to LUBRICATION POINTS for correct lubrication locations.

ROUTINE MAINTENANCE



CAUTION

To increase the life of a vehicle that is used in harsh conditions, some maintenance must be done more often than recommended in the Periodic Service Schedule. Harsh condition include high or low temperatures, high dust and dirt conditions, high use with maximum load.

To access the powertrain for normal maintenance, lift or remove the seat and remove the rear access panel. For major repairs, refer to the applicable Technician's Repair and Service Manual.

Some service procedures make it necessary to lift the vehicle. Refer to LIFTING THE VEHICLE for the correct lift procedure and safety information.

Engine Specifications

Engine ModelFJ400D
Type.....Four cycle, OHV
Number of Cylinders..... 1
Displacement.....401 cc
Rated Horsepower 13 hp

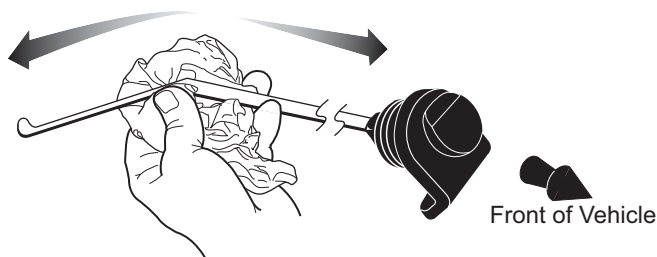
Oil Filter..... Cartridge Type Full Flow Filter
Oil PumpPositive Displacement Pump
CoolingForced Air Cooled
Spark Plug Gap......028" - .031" (.70 - .80 mm)
Spark Plug Type..... NGK BPR2ES

Checking the Oil Level



CAUTION

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



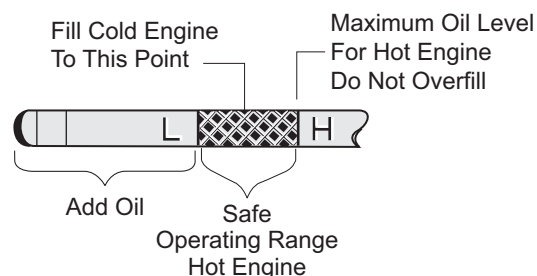
The oil should be checked with the engine warm. The vehicle should be on a level surface with the parking brake engaged. Allow adequate time for oil to drain into the crankcase before checking.

Remove the dipstick and wipe off the entire area with a lint free cloth.

Insert the dipstick fully into the dipstick hole and remove. Examine the level of the oil on the dipstick.

The engine can be operated safely as long as oil is within the safe operating range as indicated on the dip stick. **Do not operate vehicle if oil level is below the safe area indicated on the dipstick.**

Oil should be added to bring the level into the safe operating range. Remember that oil expands as it gets hot. **Do not overfill.** Check that the oil cap is firmly in place.



Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

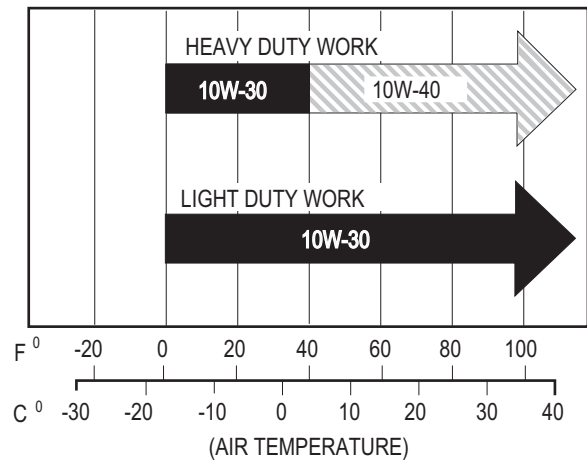
The oil dipstick/fill cap must be in place before operating the engine. Failure to install the dipstick/fill cap will result in oil becoming contaminated and/or oil being discharged into the engine compartment.

Changing the Oil

Tool List	Qty.	Tool List	Qty.
Socket, 19 mm	1	Oil Filter Wrench	1
Ratchet.....	1	Oil Drain Pan.....	1
Extension, 8"	1	Funnel	1

For maximum performance and longevity, the engine oil should be replaced after the first 8 hours of operation. After the initial oil change, it should be changed every 125 hours of operation or semi-annually, whichever comes first.

The selection of oil is dependent upon the service that the vehicle will perform. Most vehicles require 10W-30 oil, whereas vehicles used at capacity or near capacity load applications will require 10W-40 oil after a break-in period of 100 hours.



⚠ WARNING

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

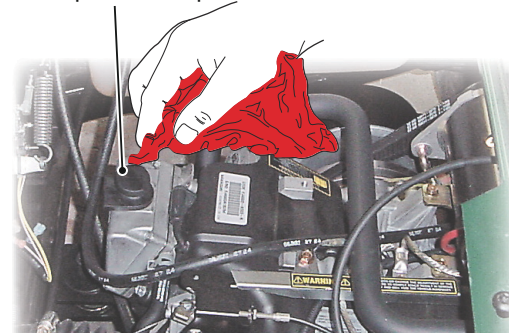
The oil should be changed with the engine warm. Park the vehicle on a level surface, engage the parking brake and remove the key.

Place a drain pan under the engine. Wipe the engine with a clean cloth. Remove the oil fill cap.

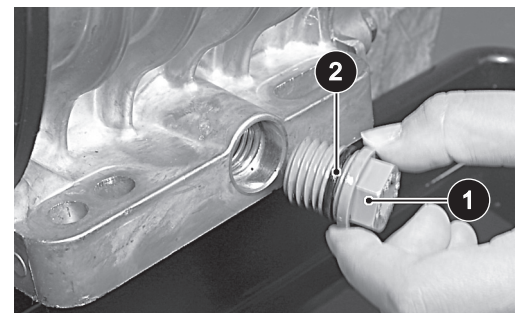
⚠ WARNING

Be careful of hot oil when drained. It may be hot enough to burn you severely.

Oil Dipstick & Cap



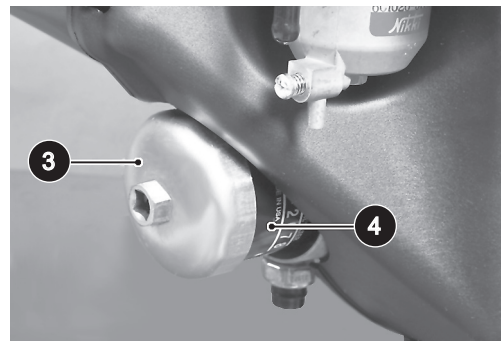
Place an oil drain pan under the oil drain plug (1) located at the rear of the engine base. Remove the drain plug (1) and allow the oil to drain into the pan. At the first oil change, small metal chips and lint may be found. This is normal and a result of the engine break-in period. Inspect the filter at every oil change. The presence of large metal chips could indicate possible damage to the engine. Before installing the drain plug, clean the area around the drain hole with a lint free cloth and inspect the drain plug (1) for damage. Replace if necessary. If the O-ring (2) on the drain plug is damaged, replace it with a new one. Tighten the drain plug to 62 in. lbs. (7 Nm) torque.



MAINTENANCE

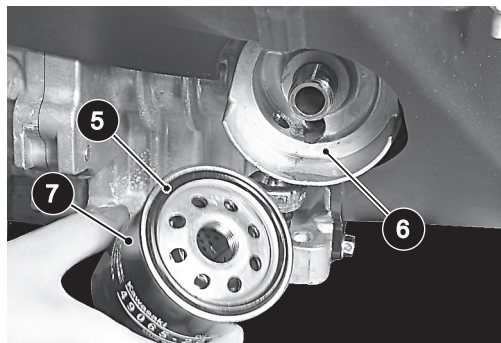
Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Clean the area around the oil filter. Use a filter wrench (3) to remove the oil filter (4) from the engine and allow the oil to drain.



The O-ring (5) may have remained on the engine (6) or the filter (7). If the O-ring (5) is on the engine surface (6), remove it and discard with the filter (7).

Inspect the new oil filter for any defects. Apply clean engine oil to the oil filter O-ring (5) and install the oil filter onto the engine until the seal contacts the mounting surface. Turn the filter 2/3 to 3/4 turn by HAND. Pour in the specified type and amount of oil. See CAPACITIES AND REPLACEMENT PARTS.



The oil capacity is 1-1/3 quarts (1.3 liters). Add slightly less than 1-1/3 quarts (1.3 liters) to allow for possible residual oil left in the engine. The oil must be high quality and meet or exceed API SF, SG, CC standards. Check the oil level on the dipstick. Oil should be slightly below H to allow for expansion. If necessary, continue to add oil slowly and allow time for the oil to flow down into the engine. Check the oil level on the dipstick. **Do not overfill.**



CAUTION

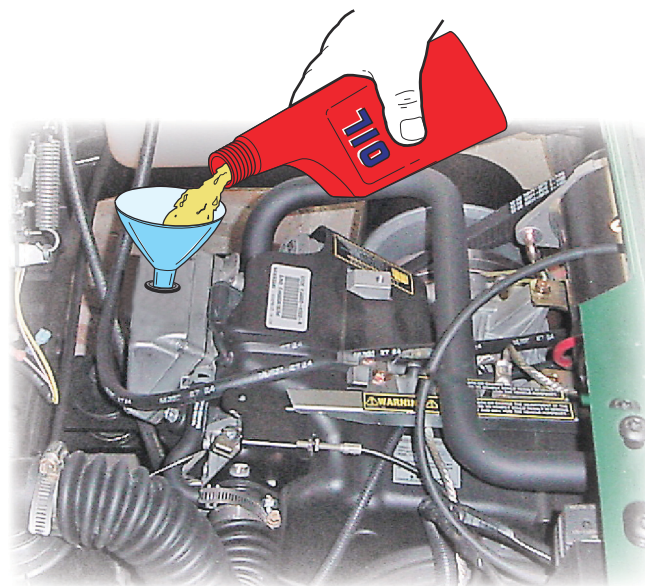
Do not overfill engine. Too much oil may cause smoking or allow oil to enter the air filter enclosure.

NOTICE

Both the oil dipstick and fill cap must be in place before operating the engine. Failure to install the dipstick and fill cap will result in oil being discharged into the engine compartment.

Start the vehicle. Allow the engine to run for a few minutes to fill up the oil filter. Stop the vehicle on a level surface, set the parking brake and remove the key. Check for oil leaks at the drain plug and oil filter. Tighten the drain plug or oil filter if a leak is found. Check the oil level on the dipstick. Add oil if necessary.

Oil increases in volume when warm. The full H mark on the dipstick is calibrated for an engine at operating temperature. When the engine is cold, the oil will be below the full mark. The engine can be operated safely as long as the oil is within the safe operating range as indicated on the dipstick. **Do not operate vehicle if oil level is below the safe area indicated on the dipstick.**



Read all of **SAFETY** and this section before attempting any procedure. Pay particular attention to **Notices, Cautions, Warnings and Dangers**.

Starter Generator Belt Tension

Tool List	Qty.	Tool List	Qty.
Belt Tension Gauge	1	Wrench, 3/4"	1
Wrench, 9/16"	2	Ratchet	1
Socket, 3/4"	1		

The starter/generator belt tension should be checked after the first 15 - 20 hours and set to 75 - 80 lbs. (34 - 36 kg).

WARNING

At no time during installation of belt, should the belt tension exceed 160 lbs (73 kg).

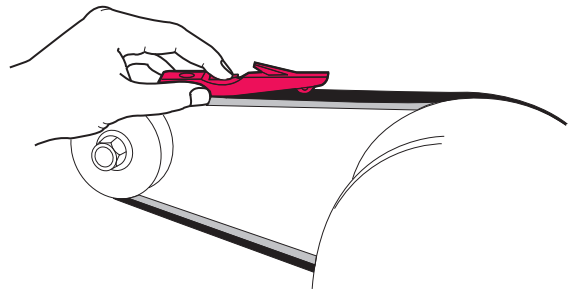
CAUTION

During installation, the belt must not be rolled over the edges of the starter/generator or drive clutch pulleys. Excessive stretch in belt may cause cord failure.

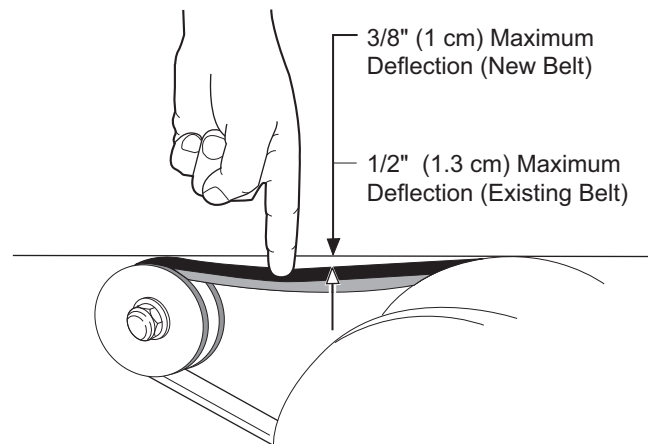
NOTICE

A loose belt can cause audible vibration and squeal.

Tighten a **new** starter/generator belt to 110 - 130 lbs. (50 - 59 kg) tension when a gauge is applied half way between the two pulleys. A **new** belt may be checked manually. A maximum deflection of 3/8" (10 mm) is acceptable.



Tighten an existing belt to 75 - 80 lbs. (34 - 36 kg) tension using the same technique and inspect for cracking or wear. A maximum deflection of 1/2" (13 mm) is acceptable.



MAINTENANCE

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Adjusting the Belt

Loosen the starter/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 the proper belt tension is achieved. Hold the lower nut in place and tighten the upper jam nut against it.

Tighten the starter/generator pivot bolt.



Battery Cleaning



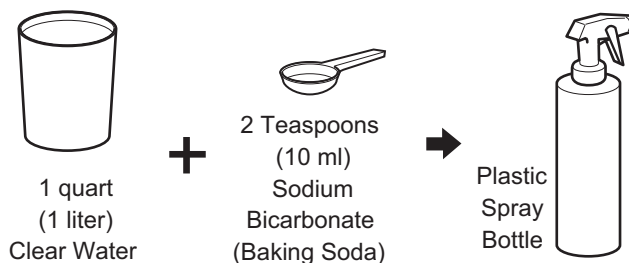
To decrease the risk of damage to vehicle or floor, neutralize acid before you spray the battery with water.

To decrease the risk of damage to the electrical components while cleaning, do not use a pressure washer.

Clean the battery according to the Periodic Service Schedule.

When you clean the battery cases and terminals, do not use a water hose without neutralizing any acid deposits first. The water hose moves the acid from the top of the battery to another area of the vehicle or storage facility, where it can cause damage. Conductive residue on the battery will contribute to the discharge of the battery.

Preparing Acid Neutralizing Solution



The correct cleaning method is to spray the top and sides of the battery with a solution of baking soda and water. Apply this solution with a plastic spray bottle. The solution is 2 teaspoons (10 ml) sodium bicarbonate (baking soda) mixed with 1 quart (1 liter) of water. Spray the solution on all metal components near the battery also.

Allow the solution to set a minimum of three minutes. Use a soft bristle brush or cloth to clean the top of the battery to remove residue that can cause the discharge of the battery. Clean the area with low pressure clear water.



Be careful when you use the aerosol containers near battery terminals. Insulate metal containers to decrease the risk of a short-circuit or explosion if the container is dropped across the battery terminals.

Clean once a month, or more often in harsh conditions. After the battery is clean and dry, apply a commercially available protectant to the terminals.

TIRE INSPECTION

Inspect the tire condition according to the Periodic Service Schedule. Tire inflation pressures must be checked when the tires are cool. Always install the valve dust cap after you check or inflate the tires.

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

BRAKES

WARNING

Always inspect the pedal travel before you operate a vehicle to confirm brake function.

Make sure you do all brake tests in a safe location with regard to the safety of all personnel.

NOTICE

A subtle loss of performance can occur over time; therefore, it is important to establish the standard with a new vehicle.

The Periodic Brake Performance Test should be performed regularly as an evaluation of braking system performance. It is useful as a method of identifying subtle loss of performance over time.

LUBRICATION

CAUTION

Do not use more than three pumps of grease in any grease fitting at any one time. Excess grease may cause grease seals to fail or grease migration into areas that could damage components.

Putting more than three pumps of grease in a grease fitting could damage grease seals and cause premature bearing failure.

CAPACITIES AND REPLACEMENT PARTS

CAPACITIES	
Engine Oil	1.25 L (1.3 qt.)
Fuel Tank (early production)	5.1 gal (19.3 liters) 87 Octane minimum
Fuel Tank (late production)	5.2 gal (19.8 liters) 87 Octane minimum
Rear Axle Lubricant Oil	1.5 L (51 oz.)

REPLACEMENT PARTS	
Oil Filter	E-Z-GO P/N 607454
Air Filter	E-Z-GO P/N 28463G01
Spark Plug	NGK BPR2ES (E-Z-GO P/N 607462)
Starter/Gen. Belt	E-Z-GO P/N 16548G1
Clutch Belt	E-Z-GO P/N 606136
Fuse	ATC 10A (E-Z-GO P/N 35212G07)
Headlight Bulb	#894 (E-Z-GO P/N 74004G01)
Turn Signal Bulb	#912-NA (E-Z-GO P/N 74005G01)
Taillight Bulb	2057 (E-Z-GO P/N 604311)

MAINTENANCE

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

HARDWARE

Normally, three classes of standard hardware and three classes of metric hardware are used in the vehicle. Grade 5 hardware is identified by the three marks on the hexagonal head; grade 8 hardware is identified by six marks on the head; grade 2 hardware is not marked. The class specification is marked on metric hardware.

Inspect the vehicle for loose fasteners periodically. The fasteners must be tightened carefully and according to the Torque Specifications table or as specified in the Repair and Service Manual.

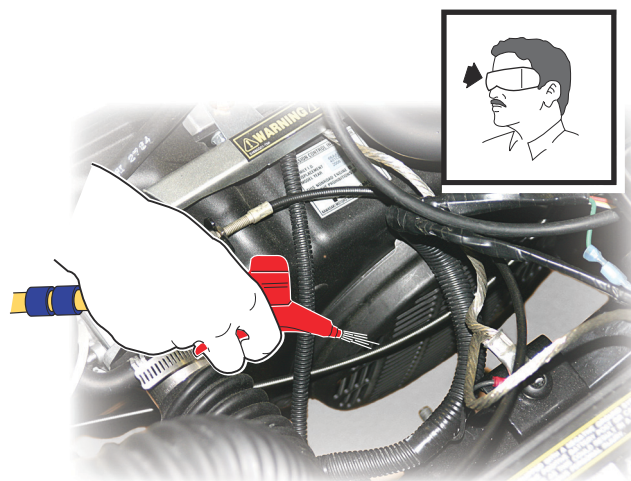
ALL TORQUE FIGURES ARE IN FT. LBS. (Nm)										
Unless otherwise noted in text, tighten all hardware in accordance with this chart.										
This chart specifies 'lubricated' torque figures. Fasteners that are plated or lubricated when installed are considered 'wet' and require approximately 80% of the torque required for 'dry' fasteners.										
BOLT SIZE	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
Grade 2 	4 (5)	8 (11)	15 (20)	24 (33)	35 (47)	55 (75)	75 (102)	130 (176)	125 (169)	190 (258)
Grade 5 	6 (8)	13 (18)	23 (31)	35 (47)	55 (75)	80 (108)	110 (149)	200 (271)	320 (434)	480 (651)
Grade 8 	6 (8)	18 (24)	35 (47)	55 (75)	80 (108)	110 (149)	170 (230)	280 (380)	460 (624)	680 (922)
BOLT SIZE	M4	M5	M6	M8	M10	M12	M14			
Class 5.8  (Grade 2)	1 (2)	2 (3)	4 (6)	10 (14)	20 (27)	35 (47)	55 (76.4)			
Class 8.8  (Grade 5)	2 (3)	4 (6)	7 (10)	18 (24)	35 (47)	61 (83)	97 (131)			
Class 10.9  (Grade 8)	3 (4)	6 (8)	10 (14)	25 (34)	49 (66)	86 (117)	136 (184)			

Torque Specifications and Bolt Grades

AIR INTAKE AND COOLING FINS

WARNING

Engine parts should be kept clean to reduce the risk of overheating and ignition of accumulated debris. After every off road use, allow engine to cool and then check for a build up of dirt and debris in the air intake and cooling fins. Dirt and debris may clog the engine's air cooling system. Keep linkages, springs and controls clean. Keep area around muffler free of any combustible material.



At least once a year, (or more often under adverse conditions) the cooling system should be cleaned. Cleaning will assure an adequate supply of air to the cooling fins. Compressed air may be used for routine cooling system maintenance.

Operation in wet or damp weather or over freshly cut grass may result in debris accumulating and adhering to the internal shroud and fins of the cooling system.

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

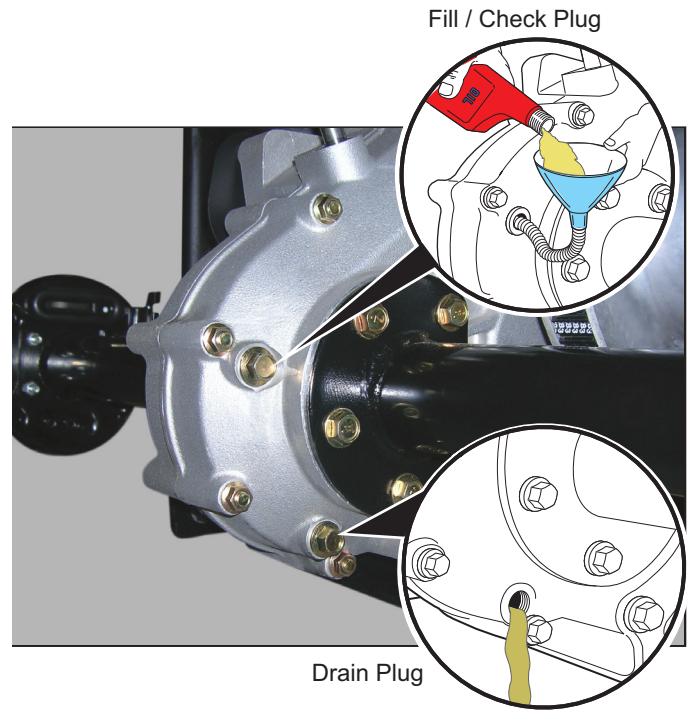
REAR AXLE

The rear axle is provided with a lubricant level check plug located on the driver side at the rear of the housing. Unless leakage of rear axle lubricant is evident, an annual lubricant check is sufficient.

Checking the Lubricant Level

Tool List	Qty.
Socket, 13 mm	1
Ratchet	1
Funnel	1

Clean the area around the check and fill plugs. Remove the check plug. The correct lubricant level is just below the bottom of the threaded hole. If lubricant is to be added, remove the fill plug and add lubricant using a funnel. Add lubricant slowly until lubricant starts to seep from the check plug hole. Install the check plug and the fill plug. In the event that the lubricant is to be replaced, a drain plug is provided at the bottom of the differential housing.



AIR CLEANER INSPECTION AND REPLACEMENT

The air cleaner unit on the vehicle is a dry unit. Do not use oil on the filter element or any part of the unit.

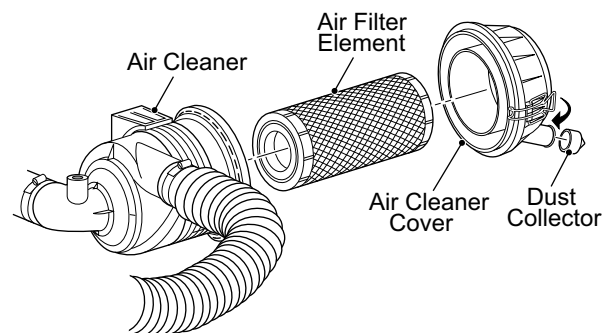
Cleaning the Air Filter Element



Do not use compressed air to clean the air filter; doing so will damage the filter which may result in damage to the engine.

The air cleaner element is accessible by unsnapping the clips on the air canister and removing the cover and air filter element. Clean inside of cover, canister and dust collector. Install the element and cover the same way they were removed. Be sure the positioning arrow on cover is pointing upward and all clips are fastened securely.

If the element is in acceptable condition, loose dirt may be removed by tapping the filter lightly. Do not use oil on the filter element or any part of the unit.



MAINTENANCE

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

SPARK PLUGS

Tool List	Qty.	Tool List	Qty.
Spark Plug Socket, 13/16".....	1	Anti-Seize Compound	AR
Ratchet	1	Torque Wrench, ft. lbs.	1
Plug Gauge, Wire Type	1		



CAUTION

Use care not to over-tighten the plug. Over-tightening can cause damage to the aluminum cylinder head threads.

Remove and inspect the spark plug at intervals indicated in the Periodic Service Schedule. Spark plug should be properly gapped. Tighten to 16 ft. lbs. (22 Nm) torque.

Remove and inspect the spark plug at intervals indicated in the Periodic Service Schedule. Spark plug should be properly gapped. Tighten to 16 ft. lbs. (22 Nm) torque.

A fouled spark plug is indicated by an electrode with a wet, black appearance. A fouled plug can be caused by:

- Dirty air filter element.
- Restrictions in the air intake system.
- Incorrect valve adjustment.
- Spark plug wire in poor condition.
- Poor quality fuel.

BATTERY REMOVAL AND INSTALLATION

Tool List	Qty.	Tool List	Qty.
Insulated Wrench, 1/2"	1	Ratchet.....	1
Socket, 1/2"	1	Torque Wrench, ft. lbs.	1
Extension, 12"	1		

NOTICE

Hardware that is removed must be installed in its original position unless otherwise specified. If the torque values are not specified, refer to the Torque Specifications table in the GENERAL INFORMATION AND ROUTINE MAINTENANCE section.

At the battery, remove the negative (-) cable before removing the positive (+) cable. Remove the bolt from the battery hold down and remove the battery.

Installation of the battery is in reverse order of removal.

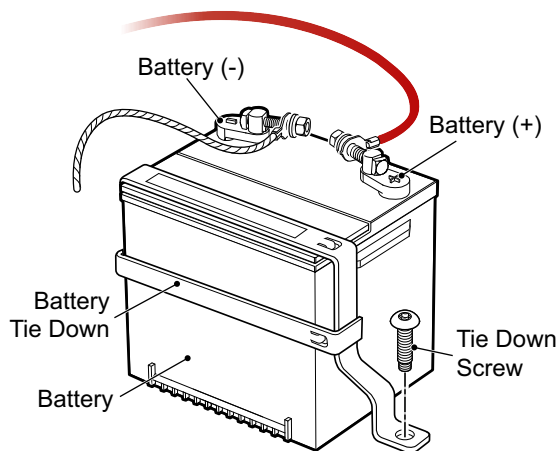
Connect the positive (+) battery cable first and then connect the negative (-) battery cable.

Be sure to remove all corrosion from the terminals and hardware. After installing the battery, coat terminals with a commercially available terminal protectant.



WARNING

Be careful when you use aerosol containers near battery terminals. Use a metal container that has insulation to prevent an explosion.



Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

PROLONGED STORAGE

WARNING

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.

Preparing the engine for a prolonged storage period (30 days or more) calls for a few simple steps to prevent a build up of varnish and gum in the carburetor and corrosion in the engine.

- Turn the Key Switch to the OFF position, and leave the Forward/Reverse switch in the NEUTRAL position during storage.
- Perform all required routine maintenance per the Periodic Service Schedule.
- Properly inflate the tires to the recommended pressure (psi) stated on sidewall of tires.
- Place the Forward/Reverse handle in the NEUTRAL position engage the neutral lock.
- Turn the fuel shut-off valve to the closed (OFF) position.
- With proper ventilation, run the engine until the remaining fuel in the carburetor and fuel lines is depleted and the engine stalls.
- Return the neutral lock to the OPERATE position.
- Loosen, but do not remove the carburetor drain screw. Drain any fuel remaining in the bowl into an approved container and pour the fuel collected into the vehicle fuel tank. Add fuel stabilizer to stabilize fuel and install the tank cap securely (Follow manufacturer's instructions).
- Tighten the carburetor drain screw.
- Remove the spark plug and pour 1/2 oz. (15 ml) of SAE 10 - 30 weight oil or fogging oil into the cylinder. Rotate the crankshaft by hand several times, then install the spark plug.
- Do not engage the parking brake, but secure the car from rolling.
- While the engine is still warm, change the oil.
- Clean the body, chassis and engine of debris, mud, chaff or grass.

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Notes:

PERIODIC SERVICE SCHEDULE

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

PERIODIC SERVICE SCHEDULE

PERIODIC SERVICE SCHEDULE

✓ - CHECK C&A - CHECK & ADJUST CL - CLEAN R - REPLACE

REMARKS	before each use DAILY	WEEKLY	20 rnds/20 hrs 100 miles/160 kms MONTHLY	60 rnds/60 hrs 300 miles/500 kms QUARTERLY	125 rnds/125 hrs 600miles/1000 kms SEMI-ANNUAL	250 rnds/250 hrs 1200miles/2000 kms ANNUAL	5 YEARS
Tires - pressure, condition of tires and rims	✓	✓	✓	✓	✓	✓	
Hardware - loose or missing	✓	✓	✓	✓	✓	✓	
Reverse Warning Indicator	✓	✓	✓	✓	✓	✓	
Overall Vehicle Condition	✓	✓	✓	✓	✓	✓	
Battery - charge condition, loose terminals, corrosion, hold down and hardware	✓	✓	CL	CL	CL	CL	
Brake (Mechanical) - smooth operation	✓	✓	✓	✓	✓	✓	
Brakes - aggressive stop test			C&A	C&A	C&A	C&A	
Parking Brake - operation, does it hold on a hill	✓	✓	C&A	C&A	C&A	C&A	
Accelerator - smooth operation	✓	✓	✓	✓	✓	✓	
Starter/Generator Belt - tension, wear, cracks		✓	✓	✓	✓	✓	
Wiring - loose connections, broken or missing insulation			✓	✓	✓	✓	
Carburetor Linkage - attachment			C&A	C&A	C&A	C&A	
Carburetor						CL	
Direction Selector - attachment and mechanism			C&A	C&A	C&A	C&A	
Cooling Fan - build up of debris on blower housing screen	CL	CL	CL	CL	CL	CL	
Engine Oil ** - oil level	C&A	C&A	C&A	C&A	C&A	C&A	
Engine Oil ** and Filter - drain and change					R	R	
Engine - noise, vibration, acceleration, oil leaks			C&A	C&A	C&A	C&A	
Valves - check cold - Ref: Repair and Service Manual						C&A	
Cylinder Head and Piston - remove carbon							CL
Choke Cable - smooth movement and adjustment			C&A	C&A	C&A	C&A	
Cooling Fan - buildup of foreign matter inside housing and fins			CL	CL	CL	CL	

**Initial oil change after 8 hours of run time.

NOTE: Some maintenance items must be serviced more frequently on vehicles used under severe driving conditions.

PERIODIC SERVICE SCHEDULE

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

REMARKS	before each use DAILY	WEEKLY	20 rnds/20 hrs 100 miles/160 kms MONTHLY	60 rnds/60 hrs 300 miles/500 kms QUARTERLY	125 rnds/125 hrs 600miles/1000 kms SEMI-ANNUAL	250 rnds/250 hrs 1200miles/2000 kms ANNUAL	5 YEARS
Steering Assembly - excessive play, loose or missing hardware			✓	✓	✓	✓	
Tie Rods - excessive play, bent rods, loose or missing hardware			✓	✓	✓	✓	
Rear Axle - fluid level, oil leakage, noise, loose or missing hardware			✓	✓	✓	✓	
Rear Axle - replace fluid							R
Rear Suspension - shock oil leakage, worn bushings, loose or missing hardware				✓	✓	✓	
Front Suspension - strut oil leakage, excessive play in hubs or kingpins, worn bushings, loose or missing hardware			✓	✓	✓	✓	
Front Wheel Alignment - unusual tire wear				C&A	C&A	C&A	
Fuel Level	✓	✓	✓	✓	✓	✓	
Fuel System - leaks at tank, cap, system lines for cracks/deterioration, filters, pump				✓	✓	✓	
Fuel Filter						R	
Spark Plug						R	
Throttle/Governor Linkage - operation and governed speed				✓	✓	✓	
Air Filter Element - check and replace as necessary					✓	✓	
Drive Belt - cracks, frayed, excessive wear					✓	✓	

**Initial oil change after 8 hours of run time.

NOTE: Some maintenance items must be serviced more frequently on vehicles used under severe driving conditions.

PERIODIC SERVICE SCHEDULE

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Notes:

PERIODIC SERVICE SCHEDULE

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Notes:

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

APPENDIX A

DECLARATION OF CONFORMITY

APPENDIX A

Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

DECLARATION OF CONFORMITY • ДЕКЛАРАЦИЯ ЗА СЪОТВЕТСТВИЕ • PROHLÁŠENÍ O SHODĚ • OVERENSSTEMMELSESERKLÆRING • CONFORMITEITSVERKLARING • VASTAVUSDEKLARATSIOON • VAATIMUSTENMUKAISUUSVAKUUTUS • DECLARATION DE CONFORMITE • KONFORMITÄTSEKTLÄRUNG • ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ • MEGFELELŐSÉGI NYILATKOZAT • DICHIARAZIONE DI CONFORMITÀ • ATBILSTĪBAS DEKLARĀCIJA • ATITIKTIES DEKLARACIJA • DIKJARAZZJONI TAL-KONFORMITÀ • DEKLARACJA ZGODNOŚCI • DECLARAÇÃO DE CONFORMIDADE • DECLARAȚIE DE CONFORMITATE • VYHLÁŠENIE O ZHODE • IZJAVA O SKLADNOSTI • DECLARACIÓN DE CONFORMIDAD • DEKLARATION OM ÖVERENSSTÄMMELSE • SAMRÆMISYFIRLÝSING • KONFORMITETSEKTLÆRING • 符合性声明 • SAMRÆMISYFIRLÝSING • 適合宣言 • 적합성 선언서 • UYGUNLUK BEYANI • ДЕКЛАРАЦІЯ ПРО ВІДПОВІДНІСТЬ

Business name and full address of the manufacturer • Търговско име и пълен адрес на производителя • Obchodní jméno a plná adresa výrobce • Producentens firmanavn og fulde adresse • Bedrijfsnaam en volledige adres van de fabrikant • Tootja ärinimi ja täielik aadress • Valmistajan toiminimi ja täydellinen osoite • Nom commercial et adresse complète du fabricant • Firmenname und vollständige Adresse des Herstellers • Εταιρεία και ταχυδρομική διεύθυνση κατασκευαστή • A gyártó üzleti neve és teljes címe • Ragione sociale e indirizzo completo del fabbricante • Uzņēmuma nosaukums un pilna ražotāja adrese • Verslo pavadinimas ir pilnas gamintojo adresas • Isem kummersjali u indirizzi shih tal-fabrikant • Nazwa firmy i pełny adres producenta • Nome da empresa e endereço completo do fabricante • Denumirea comercială și adresa completă a producătorului • Obchodný názov a úplná adresa výrobcu • Naziv podjetja in polni naslov proizvajalca • Nombre de la empresa y dirección completa del fabricante • Tillverkarens företagsnamn och kompletta adress • Fyrirtækisheiti og fullt heimilisfang framleiðanda • Firmanavn og full adresse for produsenten • 製造商の商業名称和完整地址 • Nafn fyrirtækis og fullt heimilisfang framleiðanda • 番号およびメーカーの正式住所 • 제조자의 상명 및 주소 • Įmonetės tūrinis pavadinimas ir pilnas adresas • Фирмово наименование и пълна адреса виробника	Textron Specialized Vehicles (aka E-Z-GO Division of Textron Inc.) 1451 Marvin Griffin Road Augusta, GA 30906 USA
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Product Code • Код на продукта • Kód výrobku • Produktkode • Productcode • Toote kood • Tuotekoodi • Code produit • Produktcode • Кодовый προϊόντος • Termékkód • Codice prodotto • Produkta kods • Produktu kods • Kodici tal-Prodott • Kod produktu • Código do Produto • Cod produs • Kód výrobku • Oznaka proizvoda • Código de productu • Produktkod • Vörunúmer • Produktkode • 产品代码 • Framleiðslunúmer • 製品コード • 제품 코드 • Ürün Kodu • Код виробу	638541G01, 638543G01, 638545G01, and 638547G01 when fitted with CE Kit 614080
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Machine Name • Наименование на машината • Název stroje • Maskinnavn • Machinenam • Masina nimi • Laitteen nimi • Nom de la machine • Maschinenbezeichnung • Ονομασία μηχανήματος • Gépnev • Denominazione della macchina • Iekārtas nosaukums • Mašinos pavadinimas • Isem tal-Magna • Nazwa urządzenia • Nome da Máquina • Numele echipamentului • Názov stroja • Naziv stroja • Nombre de la máquina • Maskinens namn • Heiti tækis • Maskinnavn • 机器名称 • Nafn vélar • 機械名 • 기기 명칭 • Makein Adi • Назва машини	RXV Golf Car, Freedom, Shuttle 2+2 and 2+2 Hi Spd. E-Z-GO brand
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Designation • Предназначение • Označení • Betegnelse • Benaming • Nimetus • Tyypimerkintä • Pažymėjimas • Bezeichnung • Χαρακτηρισμός • Megnevezés • Funzione • Apzīmējums • Lithuanian • Denominazzjoni • Oznaczenie • Designação • Specificație • Označenie • Namen stroja • Descripción • Beteckning • Merking • Konstruksjon • 名称 • Útnefning • 用途 • 지정 • Тапимы • Позначения	Gasoline powered Golf Car
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Serial Number • Серийн номер • Sériové číslo • Seriennummer • Seriennummer • Seerianummer • Valmistusnumero • Numéro de série • Seriennummer • Σειριακός αριθμός • Sorozatszám • Numero di serie • Sērijas numurs • Serijos numeris • Numru Serjali • Numer serijny • Número de Série • Număr de serie • Sériové číslo • Serijska številka • Número de serie • Seriennummer • Raðnúmer • Seriennummer • 序列号 • Raðnúmer • シリアル番号 • 일련 번호 • Seri Numarası • Серийный номер	5376100 - 5600000
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Conforms to Directives • В съответствие с директивите • Splūnēje podminty smērnici • Ēri i overensstemmelse med direktiver • Voldoet aan de richtlijnen • Vastab direktiividele • Direktiivien mukainen • Conforme aux directives • Ακολουθώ τις Οδηγίες • Megfelel az irányelveknek • Conforme alle Direttive • Atbilst direktīvām • Atitinka direktyvų reikalavimus • Valutazzjoni tal-Konformità • Dyrektywę związane • Cumpră as Directivas • Respectă Directivile • Je v súlade so smernicami • Skladnost z direktivami • Cumple con las Directivas • Uppfyller direktiv • Samræmist tilskipunum • I samsvar med direktiv • 符合指令 • I samræmi við reglugerðir • 適合指令 • 규정 준수 • Şu Yönergelere Uymaktadır • Відповідає директиві	2006/42/EC 2014/30/EU
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Conformity Assessment • Оценка за съответствие • Hodnocení plnění podmínek • Overensstemmelsesvurdering • Conformiteitsbeoordeling • Vastavushindamine • Vaatimustenmukaisuuden arviointi • Evaluation de conformité • Konformitätsbeurteilung • Διαπίστωση Συμμόρφωσης • Megfelelőség-értékelés • Valutazione della conformità • Atbilstības novērtējums • Atitikties įvertinimas • Livell tal-Qawwa tal-Floss Imkejjel • Ocena zgodności • Avaliação de Conformidade • Evaluarea conformității • Vyhodnotenie zhodnosti • Ocena skladnosti • Evaluación de conformidad • Bedömning av överensstämmelse • Samræmistat • Konformitetsvurdering • 符合性评估 • Samræmistat • 適合性評価 • 적합성 평가 • Uygunluk Değerlendirmesi • Оцінка відповідності	2006/42/EC Annex II
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Harmonised standards used • Използвани хармонизирани стандарти • Použité harmonizované normy • Brugte harmoniserede standarder • Gebruikte geharmoniseerde standaards • Kasutatud ühtlustatud standardid • Käytetyt yhdenmukaistettut standardit • Normes harmonisées utilisées • Angewandte harmonisierte Normen • Εναρμονισμένα πρότυπα που χρησιμοποιήθηκαν • Harmonizált szabványok • Standard armonizzati applicati • Izmantotie saskaņotie standarti • Panaudoti suderinti standartai • Standards armonizzati usati • Normy spójne powiązane • Normas harmonizadas usadas • Standardele armonizate utilizate • Použité harmonizované normy • Uporabljeni usklajeni standardi • Estándares armonizados utilizados • Harmoniserade standarder som används • 所采用的协调标准 • Samstilltir staðlar notaðir • 整合規格 • 적용되는 조화 표준 • Kullannilan uyumlu standartlar • Використані гармонізовані стандарти	EN 61000-6-2: 2005 EN 61000-6-4: 2007: A1:2011 EN ISO 5349-1: 2001 EN ISO 11202: 2010
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Technical standards and specifications used • Използвани технически стандарти и спецификации • Použité technické normy a specifikace • Brugte tekniske standarder og specifikationer • Gebruikte technische standaards en specificaties • Kasutatud tehnilised standardid ja spetsifikatsioonid • Käytetyt tekniset standardit ja eritelmat • Specifications et normes techniques utilisées • Angewandte technische Normen und Spezifikationen • Τεχνικά πρότυπα και προδιαγραφές που χρησιμοποιήθηκαν • Műszaki szabványok és specifikációk • Standard tecnici e specifiche applicati • Izmantotie tehniskie standarti un specifikācijas • Panaudoti techniniai standartai ir techninė informacija • Standards u specifikazzjonijiet technici uzati • Normy i specyfikacje techniczne powiązane • Normas técnicas e especificações usadas • Standardele tehnice și specificațiile utilizate • Použité technické normy a specifikácie • Uporabljeni tehnični standardi in specifikacije • Estándares y especificaciones técnicas utilizadas • Tekniska standarder och specifikationer som används • Samræmdir staðlar sem notaðir eru • Benyttede harmoniserete standarder • 所采用的技术标准和规范 • Tæknistaðlar og kröfur notaðar • 技術規格および仕様書 • 적용되는 기술 표준 및 규격 • Kullannilan teknisk standartlar ve sarnameler	ISO 2631-1: 2010
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The place and date of the declaration • Место и дата на декларацията • Misto a datum prohlášení • Sted og dato for erklæringen • Plaats en datum van de verklaring • Deklaratsiooni väljastamise koht ja kuupäev • Vakuutuksen paikka ja päivämäärä • Lieu et date de la déclaration • Ort und Datum der Erklärung • Τόπος και ημερομηνία δηλώσεως • A nyilatkozat kelte (hely és idő) • Luogo e data della dichiarazione • Deklarācijas vieta un datums • Deklaracijos vieta ir data • Il-post u d-data tad-dikjarazzjoni • Miejsce i data wystawienia deklaracji • Local e data da declaração • Locul și data declarației • Miesto a dátum vyhlásenia • Kraj in datum izjave • Lugar y fecha de la declaración • Plats och datum för deklarationen • Tæknistaðlar og tæknilysingar sem notaðar eru • Benyttede tekniske standarder og specifikationer • Staður og dagsetning yfirlýsingar • Sted og dato for erklæringen • 声明的地点与日期 • Staður og dagsetning yfirlýsingarinnar • 宣言場所および日付 • 선언 장소 및 일자 • Beyan yeri ve tarihi • Місце і дата укладення декларації	Textron Specialized Vehicles (aka E-Z-GO Division of Textron Inc.) 1451 Marvin Griffin Road Augusta, GA 30906 USA
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Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Signature of the person empowered to draw up the declaration on behalf of the manufacturer, holds the technical documentation and is authorised to compile the technical file, and who is established in the Community Подпис на човека, упълномощен да състави декларацията от името на производителя, който поддържа техническата документация и е оторизиран да изготви техническия файл и е регистриран в общността Podpis osoby oprávněné sestavit prohlášení jménem výrobce, držet technickou dokumentaci a osoby oprávněné sestavit technické soubory a založené v rámci Evropského společenství Underskrift af personen, der har fuldmagt til at udarbejde erklæringen på vegne af producenten, der er indehaver af dokumentationen og er bemyndiget til at udarbejde den tekniske journal, og som er baseret i nærområdet Handtekening van de persoon die bevoegd is de verklaring namens de fabrikant te tekenen, de technische documentatie bewaart en bevoegd is om het technische bestand samen te stellen, en die is gevestigd in het Woongebied Ühenduse registrisse kantud isiku allkiri, kes on volitatud tootja nimel deklaratsiooni koostama, kes omab tehnilist dokumentatsiooni ja kellel on õigus koostada tehniline toimik Sen henkion allekirjoitus, jolla on valmistajan valtuutus vakuutuksen laadintaan, jolla on hallussaan tekniset asiakirjat, joka on valtuutettu laatimaan tekniset asiakirjat ja joka on sijoittautunut yhteisöön Signature de la personne habilitée à rédiger la déclaration au nom du fabricant, à détenir la documentation technique, à compiler les fichiers techniques et qui est implantée dans la Communauté Unterschrift der Person, die berechtigt ist, die Erklärung im Namen des Herstellers abzugeben, die die technischen Unterlagen aufbewahrt und berechtigt ist, die technischen Unterlagen zusammenzustellen, und die in der Gemeinschaft niedergelassen ist Υπογραφή ατόμου εξουσιοδοτημένου για την σύνταξη της δήλωσης εκ μέρους του κατασκευαστή, ο οποίος κατέχει την τεχνική έκθεση και έχει την εξουσιοδότηση να ταξινομήσει τον τεχνικό φάκελο και ο οποίος είναι διαρισμένος στην Κοινότητα A gyártó nevében meghatalmazott személy, akinek jogában áll módosítani a nyilatkozatot, a műszaki dokumentációt őrizi, engedéllyel rendelkezik a műszaki fájllal összeállításához, és aki a közösségben letelepedett személy Firma della persona autorizzata a redigere la dichiarazione a nome del fabbricante, in possesso Della documentazione tecnica ed autorizzata a costituire il fascicolo tecnico, che deve essere stabilita nella Comunità Tās personas paraksts, kura ir pilnvarota deklarācijas sastādīšanai ražotāja vārdā, kurai ir tehniskā dokumentācija, kura ir pilnvarota sagatavot tehnisko reģistru un kura ir apstiprināta Kopienā Asmuo, kuris yra gana žinomas, kuriam gamintojas suteiki įgaliojimus sudaryti šią deklaraciją, ir kuris ją pasirašo, turi visą techninę informaciją ir yra įgaliotas sudaryti techninės informacijos dokumentą Il-firma tal-persuna awtorizzata li tffassal id-dikjarazzjoni f'isem il-fabbrikant, għandha d-dokumentazzjoni teknika u hija awtorizzata li tikkompila l-fajl tekniku u li hija stabbilita fil-Komunità Podpis osoby upowaznionej do sporządzenia deklaracji w imieniu producenta, przechowującej dokumentację techniczną, upowaznioną do stworzenia dokumentacji technicznej oraz wyznaczonyj ds. wspólnotowych Assinatura da pessoa com poderes para emitir a declaração em nome do fabricante, que possui a documentação técnica, que está autorizada a compilar o processo técnico e que está estabelecida na Comunidade Semnătura persoanei împuternicite să elaboreze declarația în numele producătorului, care deține documentația tehnică, este autorizată să compileze dosarul tehnic și este stabilită în Comunitate Podpis osoby poverenej vystavením vyhlásenia v mene výrobcu, ktorá má technickú dokumentáciu a je oprávnená spracovať technické podklady a ktorá je umiestnená v Spoločenstve Podpis osebe, pooblašene za izdelavo izjave v imenu proizvajalca, ki ima tehnično dokumentacijo in lahko sestavlja spis tehnične dokumentacije, ter ima sedež v Skupnosti Firma de la persona responsable de la declaración en nombre del fabricante, que posee la documentación técnica y está autorizada para recopilar el archivo técnico y que está establecido en la Comunidad Undertecknas av den som bemyndigad att upprätta declarationen a tillverkarens vägnar, innehar den tekniska dokumentationen och är bemyndigad att sammanställa den tekniska informationen och som är etablerad i gemenskapen. Underskrift adrians sem hefur umboð til að gera yfirlýsinguna fyrir hönd framleiðandans, hefur undir höndum tæknigögnin og hefur leyfi til að taka saman tækniskýrsluna, og er viðurkenndur innan evrópska efnahagssvæðisins Signaturen til personen som har fullmakt til a utferdige erklæringen på vegne av produsenten, er i besittelse av den tekniske dokumentasjonen, har autorisasjon til a utarbeide den tekniske filen og som har tilhold i EU 獲得授權代表製造商起草聲明書的簽名，此人保留技術文件并獲得授權編譯技術文件，且是在社區中獲得認可者 Underskrift starfsmanns sem hefur heimild til að rita yfirlýsinguna fyrir hendi framleiðandans, hefur umsjón með tæknigögnum og hefur heimild til að setja saman tæknilega skýrslu og sem er tengdur inn í samfélagið メーカーを代表して宣言書を起草し、技術文書を保有し技術ファイルを編集する権限を有し、地域において確固たる地位を築いている人物の署名。	2006/42/EC Annex II 1A: 2 Chris Clifford Technical Director 26 Jul 2016 Ransomes Jacobsen Limited West Road, Ransomes Europark, Ipswich, England, IP3 9TT  2006/42/EC Annex II 1A: 10 Christopher W Spencer Vice President of Engineering Textron Specialized Vehicles 1451 Marvin Griffin Road Augusta, GA 30906 USA 26 Jul 2016 Signatory
Certificate Number • Номер на сертификат • Číslo osvědčení • Certifikatnummer • Certificaatnummer • Sertifikaadi number • Hyväksyntänumero • Numéro de certificat • Bescheinigungsnummer • Αριθμός Πιστοποιητικού • Hitelesítési szám • Numero del certificato • Sertifikata numeris • Sertifikato numeris • Numru taċ-Certifikat • Numer certifikatu • Número do Certificado • Număr certificat • Číslo osvedčenia • Številka certifikata • Número de certificado • Certifikatsnummer • Númer skirteinis • Sertifikatnummer • 证书编号 • Skirteinisnúmer • 認證番号 • 인증 번호 • Sertifika Numarası • Номер сертификата	DoC1011



Read all of SAFETY and this section before attempting any procedure. Pay particular attention to Notices, Cautions, Warnings and Dangers.

Notes:

NOTICE

Read the following the warnings before you operate the vehicle:

WARNING

When you leave the vehicle, turn the key to the OFF position and remove the key from the vehicle.

Drive the vehicle only as fast as terrain and conditions allow. Consider the terrain and traffic conditions. Consider environmental conditions that change the terrain and your ability to control the vehicle.

Do not drive fast downhill. Sudden stops or change of direction can cause a loss of control. Use the brake to control the speed of the vehicle when you drive down a slope.

When possible, stay in approved areas and do not drive on steep slopes.

Always keep feet, legs, hands and arms inside vehicle.

Do not drive on rough terrain.

Before you drive in the reverse direction, make sure the area behind the vehicle is clear.

Make sure the direction selector is in the correct position before you press the accelerator pedal.

Decrease speed before and during turns.

Make sure you completely stop the vehicle before you move the direction selector.

See GENERAL SPECIFICATIONS for the vehicle load and seat capacity.

NOTICE

Read the following information and warnings before you operate the vehicle:

In any product, components will eventually fail to perform properly as the result of normal use, age, wear or abuse.

Normal use, age, wear or abuse can cause some components on the vehicle to fail. The manufacturer can not know all possible component failures or the methods that failures can occur. A vehicle in need of repair does not operate correctly and can be dangerous.

Be careful when you service the vehicle. Be aware of your safety and the safety of other people in the area.

Some components are heavy, spring loaded, corrosive, explosive, can cause high amperage or get hot. Battery acid and hydrogen gas can cause injury. Do not put your hands, face, feet or body in a location that can expose them to injury if an unexpected situation occurs.

Always use the correct tools shown in the tool list and wear safety equipment.

WARNING

Remove all jewelry before you service the vehicle.

Do not allow loose clothing or hair to contact the moving parts.

Do not touch hot objects.

The drive wheels must be lifted and supported on jack stands before you do any service to the powertrain when the motor is in operation.



When you service the vehicle, always wear eye protection. Be careful when you do work around batteries or you use solvents compressed air.

Use wrenches with insulation to decrease the risk of a short-circuit if a wrench falls across the battery terminals. A battery short-circuit can cause an explosion.

To prevent the risk of battery explosion, keep all flammable materials, open flames or sparks away from the batteries.

Hydrogen gas is made as batteries are charged. Do not charge batteries without good ventilation



A Textron Company

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

CONTACT US:

North America:

Technical Assistance & Warranty

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

Service Parts

Phone: 1-888-GETEZGO (1-888-438-3946), FAX: 1-800-752-6175

International:

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

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.

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