



MODEL YEAR
ANNÉE MODÈLE
MODELLJAHR
AÑO DEL MODELO
ANO DO MODELO

2026

**OWNER'S / OPERATOR'S MANUAL
MANUEL DU PROPRIÉTAIRE / CONDUCTEUR
BEDIENUNGS- / BETRIEBSANLEITUNG
MANUAL DEL PROPIETARIO / USUARIO
MANUAL DO PROPRIETÁRIO / OPERADOR**



**UTILITY VEHICLE
VÉHICULE UTILITAIRE
NUTZFAHRZEUG
VEHÍCULO UTILITARIO
VEÍCULO UTILITÁRIO**

-  **Read this manual carefully before operating this vehicle.**
-  **Il convient de lire attentivement ce manuel avant la première utilisation du véhicule.**
-  **Bitte lesen Sie diese Bedienungsanleitung sorgfältig durch, bevor Sie das Fahrzeug in Betrieb nehmen.**
-  **Lea este manual atentamente antes de utilizar este vehículo.**
-  **Leia este manual com atenção antes de operar este veículo.**

UMX



YUM2E Li



Original instructions
Notice originale
Originalbetriebsanleitung
Manual original
Instruções originais



PRINTED IN USA
2025.08-0.3×1 CR
(E, F, G, S, W)



MODEL YEAR **2026**

OWNER'S / OPERATOR'S MANUAL



UTILITY VEHICLE

⚠ Read this manual carefully before operating this vehicle.

UMX



YUM2E Li

LIT-19626-A5-70

J5D-F8199-30-E0

EC Declaration of Conformity

conforming to Directive 2006/42/EC

We YAMAHA MOTOR CO., LTD

200-1 Sakagawa, Kakegawa, Shizuoka, Japan

declare in sole responsibility, that the product

YUM2E26 Li (J5D-100101~)

to which this declaration applies, conforms to the essential health and safety requirements of Directive 2006/42/EC

and to the other relevant Directive of EC.

2014/30/EU

(if applicable)

To effect correct application of the essential health and safety requirements stated in the Directive of EC, the following-standards and/or technical specifications were consulted:

ANSI B56.8-2019, ANSI Z535.4-2011, ANSI Z130.1-2020, ANSI Z135-2020

Authorized Representative
YAMAHA MOTOR EUROPE N.V.
Koolhovenlaan 101, 1119 NC Schiphol-Rijk, The Netherlands

Shizuoka, Japan 12 May 2025

**Product Development Div.
Engineering Section**

M. Horikawa

Makoto Horikawa

UKCA Declaration of Conformity

conforming to The Supply of Machinery (Safety) Regulations 2008

We YAMAHA MOTOR CO., LTD

200-1 Sakagawa, Kakegawa, Shizuoka, Japan

declare in sole responsibility, that the product

YUM2E26 Li (J5D-100101~)

to which this declaration applies, conforms to the essential health and safety requirements of

The Supply of Machinery (Safety) Regulations 2008
and to the other relevant regulations of UKCA.

Electromagnetic Compatibility Regulations 2016

(if applicable)

To effect correct application of the essential health and safety requirements stated in the regulations of UKCA, the following-standards and/or technical specifications were consulted:

ANSI B56.8-2019, ANSI Z535.4-2011, ANSI Z130.1-2020, ANSI Z135-2020

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Shizuoka, Japan 12 May 2025

**Product Development Div.
Engineering Section**

M. Horikawa

Makoto Horikawa

IMPORTANT PRODUCT INFORMATION

The United States Export Control

You will recognize that the Product is manufactured in the United States. Therefore, you may not use, export or reexport the Product except as authorized by the United States laws and the laws of the jurisdiction(s) in which the Product was obtained.

The Product is subject to the United States export control laws. In particular, but without limitation, the Product may not be exported or reexported, whether directly or indirectly:

- (a) into any U.S. embargoes or economic sanctioned countries or;
- (b) to anyone on the U.S. Denied Persons List or Entity List or;
- (c) to anyone on the U.S. Specially Designated Nationals List, Specially Designated Terrorists List or Specially Designated Narcotic Traffickers List.

INTRODUCTION

Congratulations on your purchase of a Yamaha utility vehicle. This manual contains information you will need for proper operation, maintenance, and care of your utility vehicle. A thorough understanding of these simple instructions will help you to obtain maximum enjoyment from your new Yamaha.

If you have any questions about the operation or maintenance of your utility vehicle, please consult a Yamaha dealer.

Yamaha Motor Co., Ltd.

YUM2E Li
OWNER'S / OPERATOR'S MANUAL
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LIT-19626-A5-70

IMPORTANT MANUAL INFORMATION

Particularly important information is distinguished in this manual by the following notations:

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
 WARNING	A WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.
NOTICE	A NOTICE indicates special precautions that must be taken to avoid damage to the vehicle or other property.
TIP	A TIP provides key information to make procedures easier or clearer.

TIP

Yamaha continually seeks advancements in product design and quality; therefore, while this manual contains the most current product information available at the time of printing, there may be minor discrepancies between your utility vehicle and this manual. If you have any questions concerning this manual, please consult your Yamaha dealer.

WARNING

Read and understand this manual completely before operating your utility vehicle. This manual should be considered a permanent part of your utility vehicle and should remain with the vehicle when resold.

Recycling and Disposal

- Dispose of the used batteries according to local regulations and recycling guidelines.
- Do not dispose of batteries with household waste.
- To prevent short circuits, cover the battery terminals with adhesive tape.
- When returning batteries, return them to the authorized dealer where you purchased them.
- Please consult authorized dealer or visit to battery company website for information on the effects of contained substances of batteries.

IMPORTANT MANUAL INFORMATION



Points de collecte sur www.quefairedemesdechets.fr

Symbol	
	Do not dispose of batteries with household waste.
	Batteries are recyclable. Follow the local regulations and recycling guidelines.
Pb	Batteries containing more than 0.004% Pb.

CONTENTS

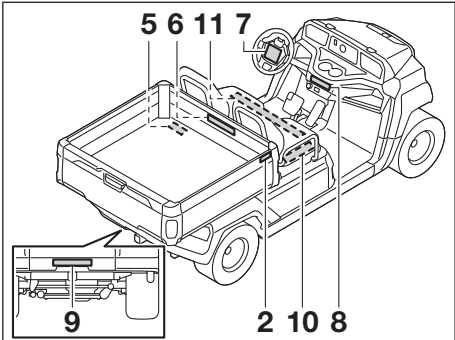
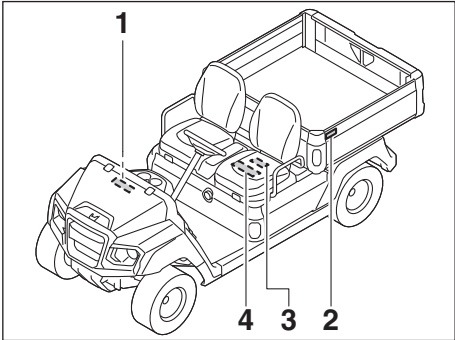
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IMPORTANT LABELS

SAFETY AND INSTRUCTION LABELS

Read the following labels carefully before operating your utility vehicle. If any of these labels are damaged or missing, contact a Yamaha dealer for replacements.

1



1

**WARNING**

- Do not sit or stand in storage area.
- Fuel vapors can be a fire or explosion hazard.
To avoid injury or death, never store fuel or flammable liquids in this storage compartment.
- Storage should not exceed 22lb (10kg)

YAMAHA

***-F151F-**

2

**WARNING**

- Keep hands, body, other persons, away from pinch points when lowering bed.
- Do not operate the vehicle with bed up.

YAMAHA

***-K7764-**

3

NOTICE / NOTIFICATION

Move switch to the "TOW" position before towing or storage. Failure to do so may lead to:

- Drive system damage when towing.
- Complete battery discharge and battery damage when storing long term.
- After moving switch from "RUN" to "TOW", wait 15 seconds minimum before switching again.

YAMAHA

Mettre l'interrupteur a position "TOW" avant de remorquer ou avant l'entreposage. Non-observation pourrait:

- Dommages de système d'entraînement en remorquant.
- Causer une decharge totale de la batterie et endommager la batterie pendant l'entreposage a long terme.
- Apres avoir change l'interrupteur de position "RUN" a position "TOW", attendre un minimum de 15 seconds avant de le remettre.

***-K8298-**

4

	WARNING Electrical shorts can result in burns. • Do not make connection between positive and negative battery terminals.	 	WARNING High voltage. Risk of shock. • Do not touch uninsulated electrical terminals or wires. • Do not open battery case. • No user serviceable parts inside. • Battery must be serviced only by trained personnel. ***-K8297-**
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IMPORTANT LABELS

5

1

DATE OF CONSTRUCTION: **** ** MY****

YAMAHA MOTOR CO., LTD.

2500 SHINGAI, IWATA, JAPAN

COUNTRY OF ORIGIN: USA

MODEL: ***** **

VEHICLE WEIGHT: *** kg (**** lb) MAX. POWER: *. hp (*. kW)

NOMINAL BATTERY VOLTAGE: **V G.V.W.R.: **** kg (**** lb)

MAX. BATTERY WEIGHT: ** kg

This vehicle complies with ANSI/ITSDF B56.8-2019-Part III UTILITY VEHICLE ***-F4236-**

6

⚠ WARNING

Improper use of cargo bed can result in SEVERE injury or DEATH from loss of control, overturn or other accidents.

- Do not carry passengers in cargo bed.
- Maximum load in cargo bed: 800 lb (363 kg).
- When loaded with cargo or towing a trailer:
 - Reduce speed and allow more room to stop.
 - Turn gradually and go slowly.
 - Avoid hills and rough terrain.

YAMAHA

- Load may affect handling and stability.
- Secure cargo so that it will not shift - a loose load could change handling unexpectedly or be thrown forward and strike occupants.
- Keep weight in the cargo bed centered side to side, and as low and as far forward as possible. Top-heavy loads increase the risk of overturn.
- Read Owner's/Operator's Manual before loading or towing.

Static electricity sparks can ignite fuel vapor causing FIRE or EXPLOSION.

- Do not fill portable fuel container (gas can) in cargo bed.
- Set fuel container on the ground and touch fuel nozzle to the unopened container before removing cap.
- Keep the fuel nozzle in contact with the container while fueling.
- Tighten cap before putting fuel container in cargo bed.

***-K7766-**

7

⚠ WARNING

To reduce the risk of accidents and injury or DEATH:

- This vehicle is recommended only for operators 16 and older with valid motor vehicle license. Adults must supervise use by minors. Check state laws for minimum age requirements.
- Drive slowly in curves. Never travel at speeds too fast for the terrain, visibility conditions, or your experience.
- Drive with extra caution in congested areas, when operating in reverse, and when driving on wet, rough, or loose surfaces.
- Drive straight up and down hills - driving across the side of hill increases the risk of overturn.
- Passenger and cargo can affect vehicle handling.

OPERATING INSTRUCTIONS

- Read the warning label on the beverage holder panel before operating.
- Be sure occupants are seated.
- Select "FORWARD" OR "REVERSE" then turn main switch to "ON".
- Press the accelerator pedal to start moving. The motor will start and the parking brake will release automatically.
- To stop, release the accelerator pedal and press the brake pedal.

Press the parking brake until it locks, and turn the main switch to "OFF" before leaving the vehicle.

- Come to a complete stop before reversing direction.
- Read the Owner's/Operator's Manual for more information.

ATTENTION

- This vehicle was not manufactured for use on public streets and does not comply with federal motor vehicle safety standards applicable to passenger cars.

YAMAHA ***-K7762-**

Parking 

Brake 

Accelerator 

8

WARNING

To reduce the risk of accidents and injury or DEATH:

- Vehicle capacity: 1 occupant per seat.
- Operate only when authorized and only in designated areas.
- Operate from driver's seat only.
- Do not start vehicle until all occupants are seated.
- Remain seated and hold on while in motion.
- Keep entire body inside vehicle.

- Vehicle rated capacity (driver, passenger, cargo, trailer, and load) 1500 lbs (680.3 kg) on level surface.
- Do not operate or ride the vehicle while distracted or under the influence of alcohol or drugs.
- Locate and read Owner's Manual. Follow all instructions and warnings.

***-K7768-**

9

WARNING

Improperly loading a trailer or pulling an object can affect handling, stability, and risk of overturn or other accidents.

- Secure load to prevent it from shifting.
- Never load more than 150 lb (68 kg) tongue weight on the towing bracket.
- Do not tow more than 1500 lb (680 kg) rolling weight (trailer plus cargo).
- Read Owner's/Operator's Manual before loading, towing, or pulling objects.

Improper tire pressure or overloading can cause loss of control. To reduce the risk of accidents and injury or DEATH:

- Operating tire pressure: set with tires cold.

Tire size	Recommended	
	Front	Rear
20x10-10, 4-ply rated	137 kPa, 20 psi	151 kPa, 22 psi
20x10-10, 6-ply rated	206 kPa, 30 psi	206 kPa, 30 psi
23x10.5-12, 4-ply rated	137 kPa, 20 psi	137 kPa, 20 psi

- Never set tire pressure below minimum. Tire may dislodge from rim.

***-F1698-**

10

HOT

11

Authorized personnel is allowed to operate only.
Do not disassemble or incinerate.
Follow product charging instructions.

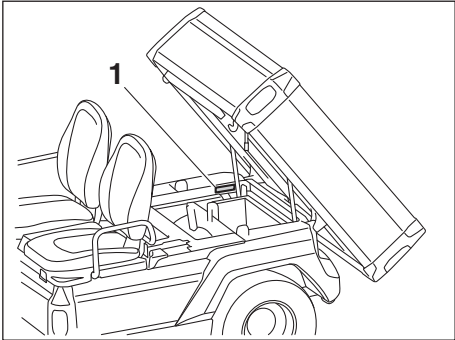
WARNING:
To reduce the risk of injury, user must read instruction manual

No spark!
No flames!
No smoking!

Li-ion

IMPORTANT LABELS

1



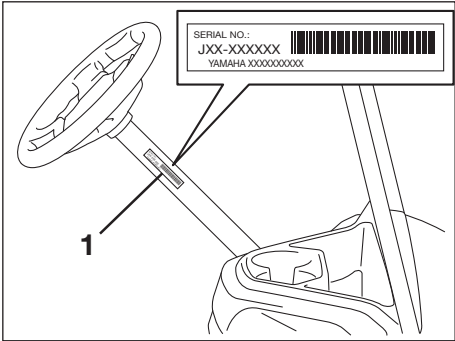
1. Vehicle serial number

SERIAL NUMBER

The serial number is identified in the location shown.

TIP

The first three digits of the serial number are for model identification; the remaining digits are the unit production number. Keep a record of these numbers for reference when ordering parts from a Yamaha dealer.



1. Vehicle serial number

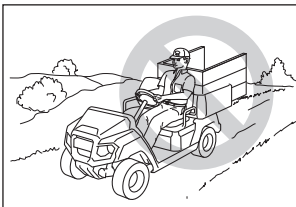
Serial number:

Yamaha utility vehicles are designed to be simple to operate. However, be sure to observe the following to reduce the risk of serious injury or death due to loss of control and other hazards:

BEFORE OPERATING THE UTILITY VEHICLE

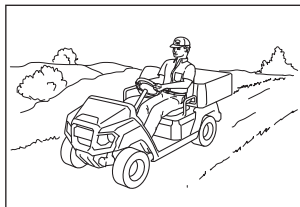
2

- Read this Owner's / Operator's manual and all safety and instruction labels on the utility vehicle before operating.
- Perform the pre-operation checks found in Section 5 of this manual.
- This vehicle is recommended only for operators 16 and older with a valid motor vehicle license. Adults must supervise use by minors. Check state laws for minimum age requirements.
- Do not allow more than one occupant per seat. This utility vehicle is restricted to two occupants.
- Never give a ride to a passenger who is unable to put both feet firmly on the floorboard while seated with his or her back against the backrest.
- Never carry passengers in the cargo bed.
- Do not operate the utility vehicle while under the influence of alcohol or drugs; their effect on vision and judgment make operating a utility vehicle dangerous.
- This vehicle was not manufactured for use on public streets and does not comply with federal motor vehicle safety standards applicable to passenger cars.
- Do not operate the utility vehicle on public streets, roads or highways unless allowed by law or the local regulating authority.
- Do not make any modification or addition which affects capacity or safe operation, or make any changes not in accordance with the Owner's / Operator's manual.



SAFETY INFORMATION

2



WHILE OPERATING THE UTILITY VEHICLE

- Keep your entire body inside the utility vehicle, remain seated and hold on when the vehicle is in motion.
- Do not start the utility vehicle until all occupants are seated.
- Always keep both hands on the steering wheel when driving. Always go at a speed that is proper for the terrain, visibility, and operating conditions, and your experience. Go slowly and be extra careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when driving the vehicle.
- Never operate on excessively rough, slippery, or loose terrain.
- Use extra care in congested areas or when backing up. Always back up slowly, and watch carefully. Avoid starting or stopping abruptly.
- Avoid turning the steering wheel too sharply at higher speeds to avoid tipping or rolling the vehicle.
- Never attempt jumps or other stunts.
- Always drive slowly straight up or straight down slopes – never at an angle to avoid tipping or rolling the vehicle. Never operate the vehicle on slopes that are too steep for it or for your abilities.
- Never operate on slopes that are slippery or ones where you will not be able to see far enough ahead of you. Never go over the top of a slope at speed if you cannot see what is on the other side.
- Always check terrain carefully before going down slopes. Go as slowly as possible. Never go down a slope at high speed.
- Always check for obstacles before operating in a new area.
- Never operate the vehicle in fast flowing water or water deeper than 10 cm (4 in.). Remember that wet brakes may have reduced stopping ability. Test your brakes after leaving water. If necessary, apply them several times to let friction dry out the linings.



ACCESSORIES AND LOADING

Accessories

Accessories can affect the handling and control of your vehicle. Keep the following in mind when considering an accessory or operating a utility vehicle which has accessories.

- Choose only accessories designed for your utility vehicle. Your Yamaha dealer has a variety of genuine Yamaha accessories. Other accessories may also be available on the market. However, it is not possible for Yamaha to test all non-Yamaha accessories, nor have any control over the quality or suitability of them. Choose a genuine Yamaha accessory, or one that is equivalent in design and quality.
- Accessories should be rigidly and securely mounted. An accessory which can shift position or come off while you are operating could affect your ability to control the utility vehicle.
- Do not mount an accessory where it could interfere with your ability to control the utility vehicle. Examples include (but are not limited to) an object that limits your ability to turn the steering wheel or one that limits your view.
- Use extra caution when driving a utility vehicle with accessories. The utility vehicle may handle differently than it does without accessories.

Loading

Cargo or a trailer can change the stability and handling of a utility vehicle. You must use common sense and good judgment when carrying cargo or towing a trailer. Keep the following points in mind:

- Never exceed the weight limits shown on page 54. An overloaded utility vehicle can be unstable.
- Do not exceed the maximum tongue weight. You can measure tongue weight with a bathroom scale. Put the tongue of the loaded trailer on the scale with the tongue at hitch height. Adjust the load in the trailer, if necessary, to reduce the weight on hitch. If you are carrying cargo and towing a trailer, include the tongue weight in the maximum vehicle load limit.

SAFETY INFORMATION

2

- Cargo should be as far forward in the bed as possible, and distributed evenly from side to side. Be sure cargo is secured so that it cannot move around during operation.
- Cargo should always be secured in the trailer. Make sure cargo in the trailer cannot move around. A shifting load can cause an accident.
- Make sure the load does not interfere with controls or your ability to see where you are going.
- Drive more slowly than you would without a load. The more weight you carry, the slower you should go. Although conditions vary, it is good practice not to exceed low range whenever you are carrying heavier loads or when towing a trailer.
- Allow more braking distance. A heavier vehicle takes longer to stop. Do not brake abruptly when carrying loads in the cargo bed or when towing a trailer.
- Avoid making sharp turns unless at very slow speeds to avoid tipping or rolling the vehicle.
- Avoid hills and rough terrain. Choose terrain carefully. Added weight affects the stability and handling of the utility vehicle.

MAINTENANCE REQUIRED FOR UTILITY VEHICLE SAFETY

Practice the following to help ensure the safety of utility vehicle operators:

- **Preventative Maintenance.** Perform all scheduled maintenance in accordance with manufacturer's recommendations to provide a safe, properly operating utility vehicle.
- **Personnel.** Allow only qualified, trained, and authorized personnel to inspect, adjust and maintain utility vehicles.
- **Parts and Materials.** Use only replacement parts and materials recommended by the manufacturer.
- **Ventilation.** Properly ventilate all maintenance and storage areas in accordance with applicable fire codes and ordinances to avoid fire hazards.

SAFETY PRECAUTIONS DURING MAINTENANCE

When performing maintenance, follow all safety instructions contained in the manufacturer's operation and service manuals, as well as the following safety procedures:

- Properly immobilize utility vehicle before beginning any maintenance to avoid any unexpected vehicle movement.
- Properly block chassis before working underneath utility vehicle to avoid any unexpected vehicle movement.
- When working on the battery, do not smoke, or allow any sparks or open flames near the vehicle, to avoid any fires or explosions.
- Before working on an electric utility vehicle, disable the car's electrical system by placing the tow switch in the "TOW" position to avoid electrical shock or damage to the electrical system.
- Use only properly insulated tools when working on electrically powered utility vehicles or around battery to avoid electrical shock or damage to the electrical system.
- Do not open battery case. The battery has no user serviceable parts.
- Maintain all safety devices, including brakes, steering mechanisms, warning devices, in a safe operating condition. Do not modify these safety devices as supplied by the manufacturer.
- After each maintenance or repair, the vehicle must be driven by a qualified, trained and authorized person – in an area free of pedestrian traffic – to ensure proper operation and adjustment.
- Record all maintenance performed in a maintenance record log by date, name of person performing maintenance and type of maintenance. Periodically inspect maintenance log to ensure accurate and complete entries.
- Maintain in a legible condition all nameplates, warnings, and instructions provided by the manufacturer.

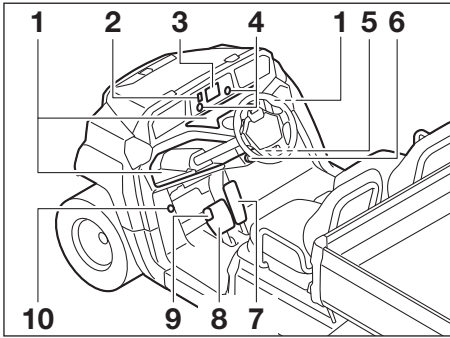
SAFETY INFORMATION

- If new nameplates, warnings or instructions are needed, contact your Yamaha dealer.

STORAGE AND BATTERY CHARGING

Take the following precautions to ensure maintenance worker safety:

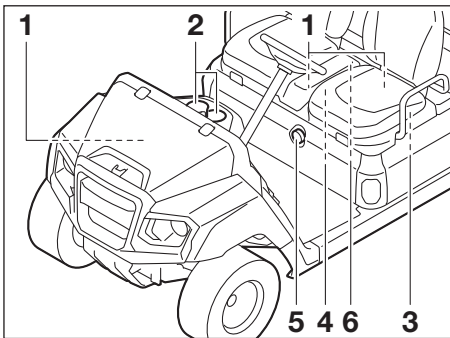
- Only use battery changing and charging facilities and procedures that are in accordance with applicable ordinances and regulations to avoid explosions, electrical shock or damage to the electrical system.
- Periodically inspect charging facilities and procedures to be certain that applicable safety codes, regulations and procedures are being followed to avoid any fires or explosions.



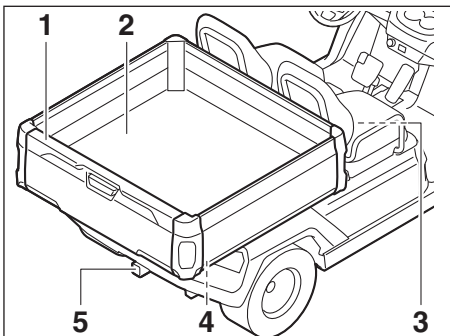
FEATURES

1. Storage compartment
2. Light switch
3. Battery gauge
4. USB port
5. Drive select switch
6. Main switch
7. Accelerator pedal
8. Brake pedal
9. Parking brake pedal
10. Horn switch

3

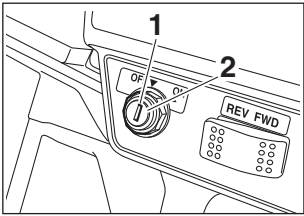


1. Storage compartment
2. Cup holder
3. Tow switch
4. Battery
5. DC charger receptacle
6. Fuses



1. Tailgate
2. Cargo bed
3. Storage compartment
4. Transaxle oil level plug
5. Trailer hitch receiver bracket

CONTROLS



- 1. OFF
- 2. ON

MAIN SWITCH

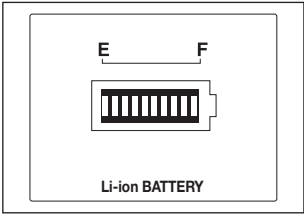
The main switch positions are described below.

“OFF”

All electrical circuits are switched off (motor controller unit remains energized). The utility vehicle cannot be operated. The key can be removed only in this position.

“ON”

Electrical circuits are switched on. The vehicle can be driven.



Battery gauge

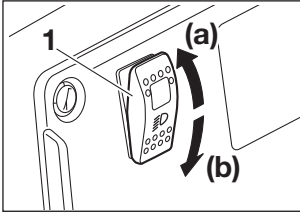
BATTERY GAUGE

The battery gauge displays how much charge is left in the battery. When the battery is at full charge, all the segments will be lit.

As the battery energy decreases, the segments will move to the left toward the “E”. When the segment below the “E” is the only one lit, the battery must be charged.

Use the table to determine the remaining battery capacity. For example, if 7 of the 10 LED lights are lit, the battery still has SOC (state of charge) 64-71 % left. When the battery falls to SOC 20 % or less, 1 LED will blink on and off, meaning the battery should be charged immediately.

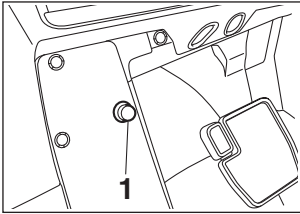
BAR LEVEL	1 BLINK	2	3	4	5	6	7	8	9	10
SOC (%)	0-20	20-29	29-37	37-46	46-54	54-64	64-71	71-80	80-88	88-100



1. Light switch

LIGHT SWITCH “☾”

Push the upper side (a) of the light switch to turn on the headlights and meter lighting.
Push the lower side (b) of the light switch to turn off the headlights and meter lighting.



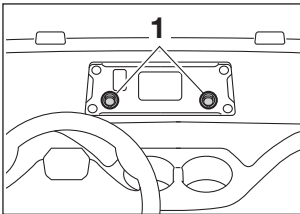
1. Horn switch

HORN SWITCH

The horn switch is located adjacent to the brake pedal, and is activated by depressing with your foot.

TIP

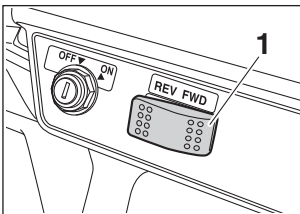
It is advisable to sound the horn when approaching blind corners.



1. USB port

USB PORTS

The USB ports are in the locations shown.
The USB ports can be used to power or charge USB devices or accessories. The USB ports are powered only when the main switch is in the on position.



1. Drive select switch

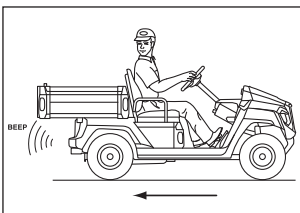
DRIVE SELECT SWITCH

The drive select switch is used to shift the utility vehicle into forward or reverse. After coming to a complete stop, set the switch to the desired position.

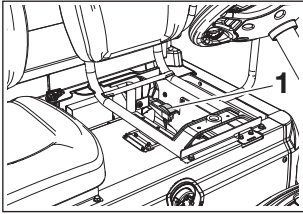
Switch Position	Vehicle Movement
FWD	Forward
REV	Reverse

TIP

The reverse alarm will sound when the drive select switch is set to “REV”.



CONTROLS



1. Tow switch

TOW SWITCH

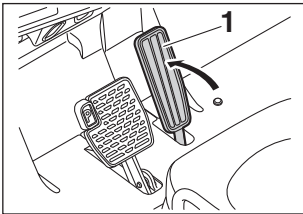
Before operating the vehicle, make sure the tow switch is in the “RUN” position.

NOTICE

Make sure that the drive select switch is in the “FWD” position, and then move the tow switch to the “TOW” position before towing. After moving the switch from the “RUN” position to the “TOW” position, wait at least 15 seconds before moving the switch again. Failure to do so may lead to drive system damage while towing.

TIP

- To access the tow switch, remove the driver seat cushion.
- If the vehicle is towed with the tow switch in the “RUN” position, the buzzer will sound. Move the switch to the “TOW” position before towing.

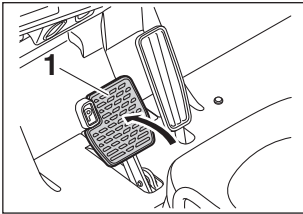


1. Accelerator pedal

ACCELERATOR PEDAL

The accelerator pedal controls the vehicle’s speed.

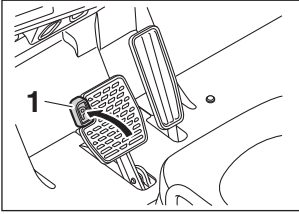
Action	Vehicle Speed
Depress pedal	Increase
Release pedal	Decrease



1. Brake pedal

BRAKE PEDAL

Press down on the brake pedal to stop the utility vehicle.



1. Parking brake pedal

PARKING BRAKE PEDAL

Press down on the parking brake pedal whenever parking the utility vehicle.

TIP

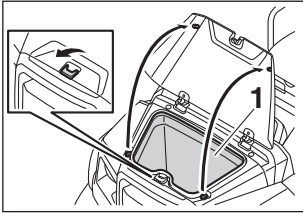
Release the parking brake by depressing the accelerator pedal.

WARNING

The parking brake will automatically release when the accelerator pedal is depressed. If the main switch is in the “ON” position, depressing the accelerator may suddenly cause the utility vehicle to move.

Death or serious personal injury can result from failing to comply with the safety instructions in this manual.

CONTROLS



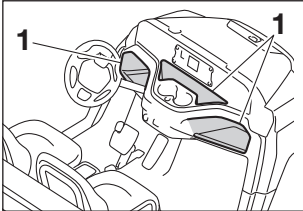
1. Storage compartment

STORAGE COMPARTMENTS

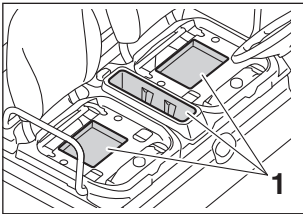
This model is equipped with storage compartments in the locations shown.

Maximum load limit:

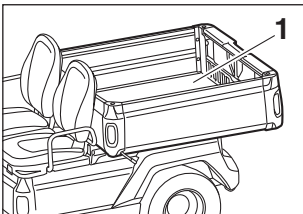
Under-hood storage compartment:
10 kg (22 lb)



1. Storage compartment

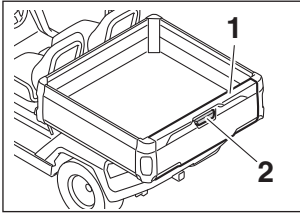


1. Storage compartment



1. Cargo bed

CARGO BED



1. Tailgate
2. Latch

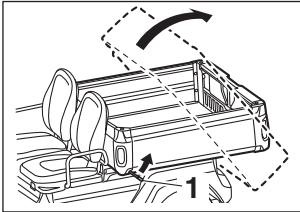
OPENING AND CLOSING THE TAILGATE

To open

Pull the latch, and then lower the tailgate.

To close

Lift the tailgate to the original position, and then push the tailgate to securely lock it in place.



1. Cargo bed release lever

LIFTING AND LOWERING THE CARGO BED

To lift

Pull up the cargo bed release lever, and then slowly lift up the cargo bed until it stops.

To lower

With hands and fingers clear of pinch points, lower the cargo bed slowly to its original position and be sure it is locked into place.

Maximum load limit:

363 kg (800 lb)

WARNING

Uncontrolled Movement Hazard

- **Never exceed the stated load capacity for this vehicle.**
- **Distribute the load evenly.**
- **Secure cargo in cargo bed.**
- **Never tow cargo that is not secured.**
- **Reduce speed and allow greater distances for braking.**

Death or serious personal injury can result from failing to comply with the safety instructions in this manual.

WARNING

Fall and Thrown Object Hazard

- Do not carry passengers in the cargo bed.
- Death or serious personal injury can result from failing to comply with the safety instructions in this manual.
-

WARNING

Crush Hazard

- Keep hands and fingers away from cargo bed and seat tracks.
- Have others back away from vehicle before closing cargo bed.
- Do not allow passengers to sit on the seat when closing cargo bed.

Death or serious personal injury can result from failing to comply with the safety instructions in this manual.

WARNING

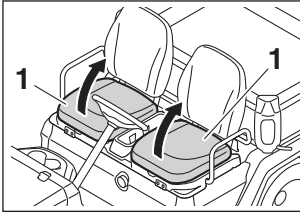
Fire or Explosion Hazard

- Do not fill fuel containers in the cargo bed.
- Set fuel container on the ground.
- Keep fuel nozzle in contact with can inlet while filling.
- Tighten cap before setting fuel container in cargo bed.

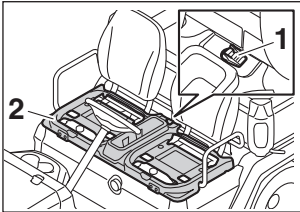
Death or serious personal injury can result from failing to comply with the safety instructions in this manual.

SEAT

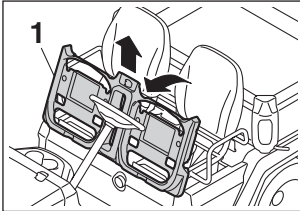
To remove



1. Seat cushion



1. Tab
2. Under-seat panel



1. Under-seat panel

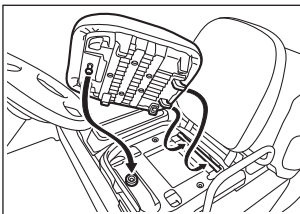
1. Lift the front of the seat cushion, and then pull the cushion off.

2. Pull the tab on the under-seat panel lock up, and then turn the lock 1/4 turn clockwise.

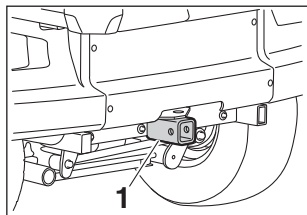
3. Remove the under-seat panel as shown.

To install

1. Place the under-seat panel in the original position.
2. Turn the lock 1/4 turn counterclockwise, and then push the tab on the lock down.
3. Insert the projections on the rear of the seat cushion under the seat frame, and then insert the projection on the front of the cushion into the grommet while pushing the cushion downward.



CONTROLS



1. Trailer hitch receiver bracket

TRAILER HITCH RECEIVER BRACKET

This vehicle is equipped with a 5 cm (2 in.) receiver bracket for a standard trailer hitch. Trailer towing equipment can be obtained at a Yamaha dealer.

PRE-OPERATION CHECKS

Pre-operation checks should be made each time you use your utility vehicle. Get in the habit of performing the following checks in the same way so that they become second nature.

WARNING

To keep vehicle from moving while performing pre-operation checks:

- Remove main switch key.
- Apply parking brake.

Death or serious personal injury can result from failing to comply with the safety instructions in this manual.

4

PRE-OPERATION CHECKS

Refer to the Periodic Maintenance and adjustment charts on page 29.

BATTERY

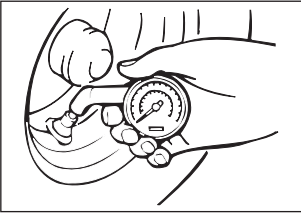
Charge battery before each use. Refer to the battery charging instructions on page 33.

Check that the battery are held securely in place to prevent the battery from being damaged from vibration or jarring. Also check that no battery caps are missing to prevent battery acid from spilling from the battery. Check the battery terminals for corrosion and tightness.

WARNING

Battery electrolyte is poisonous and dangerous, causing severe burns, etc. It contains sulfuric acid. Avoid contact with skin, eyes or clothing. Ventilate when charging or using in enclosed space. Always shield eyes when working near battery. KEEP OUT OF REACH OF CHILDREN.

PRE-OPERATION CHECKS

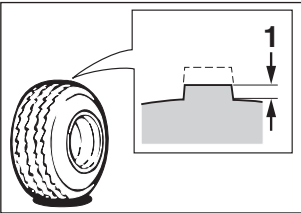


TIRE CONDITION

Tire Air Pressure

Check the tire air pressure before operating the utility vehicle.

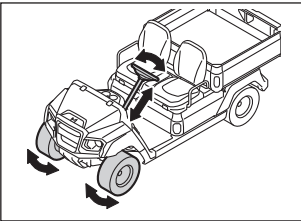
Tire pressure	
Recommended:	
Front:	137 kPa (1.40 kgf/cm ² , 20 psi)
Rear:	151 kPa (1.54 kgf/cm ² , 22 psi)



1. Wear limit

Tire Wear Limit

Check the tire surface for damage, cracks or embedded objects. When tire tread wears down to 1 mm (0.04 in.), replace the tire.

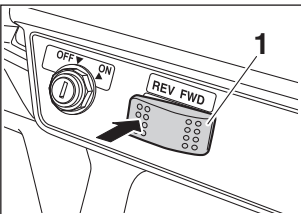


STEERING SYSTEM

Check the steering system for excessive free play by:

- moving the steering wheel up and down, and back and forth.
- turning the steering wheel slightly to the right and left.

If you feel excessive free play, or hear rattling sounds which may indicate loose steering components, consult a Yamaha dealer.



1. Drive select switch

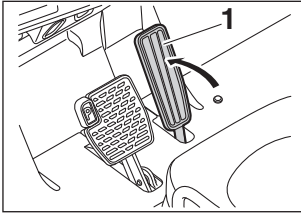
REVERSE ALARM

Check the reverse alarm by moving the drive select switch to “REV” for reverse. The alarm should sound.

PRE-OPERATION CHECKS

PEDAL OPERATION

Check the following pedal controls for proper operation. If a pedal does not work properly, consult a Yamaha dealer.

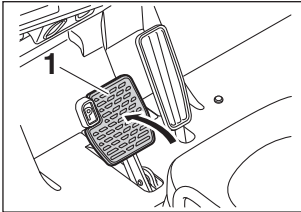


1. Accelerator pedal

Accelerator Pedal

WARNING

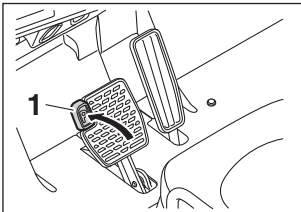
With the main switch in the “OFF” position, make sure the accelerator pedal operates smoothly.



1. Brake pedal

Brake Pedal

Make sure the brake pedal feels firm when pressed and returns to its original position when released.



1. Parking brake pedal

Parking Brake Pedal

Make sure the parking brake pedal locks in place with a positive click, and releases when the accelerator pedal is pressed.

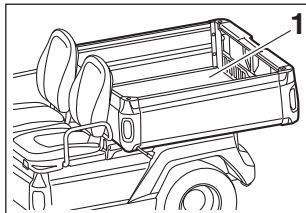
TIP

Release the parking brake by depressing the accelerator pedal.

BODY AND CHASSIS

Before each use, visually inspect the utility vehicle body and chassis for damage and/or missing parts.

PRE-OPERATION CHECKS

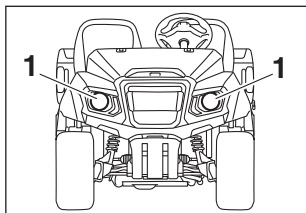


1. Cargo bed

CARGO BED

Make sure the cargo bed is lowered completely and is latched in the down position.

Make sure the tailgate is latched in the closed position.



1. Headlight

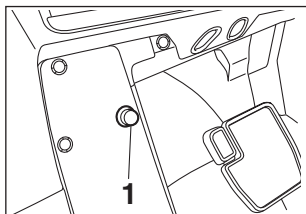
HEADLIGHTS

Ensure the headlights are operational.



WARNING

Never operate the utility vehicle at night or during inclement weather without properly working headlights. Death or serious personal injury can result from failing to comply with the safety instructions in this manual.

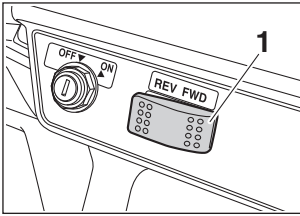


1. Horn switch

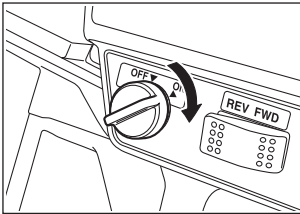
HORN SWITCH

Make sure the horn operates correctly.

STARTING



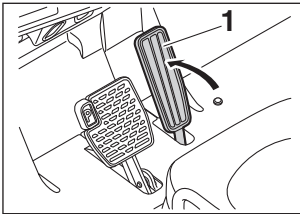
1. Drive select switch



2. Turn the main switch to “ON.”

WARNING

Do not depress the accelerator pedal when turning on the main switch or the vehicle may start moving unexpectedly. Death or serious personal injury can result from failing to comply with the safety instructions in this manual.

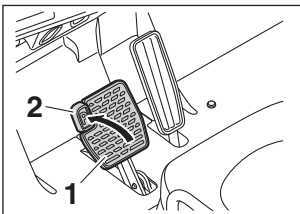


1. Accelerator pedal

3. Check that your path is clear in the direction you plan to go, and slowly depress the accelerator pedal. The vehicle will start to move.

TIP

The parking brake automatically releases when the accelerator pedal is depressed.



1. Brake pedal
2. Parking brake pedal

STOPPING

To stop the utility vehicle, gradually press down on the brake pedal.

When the vehicle has come to a stop, apply the parking brake pedal and turn the main switch to “OFF.”

NOTICE

Do not hold the utility vehicle on an incline with the accelerator – use the brake. Transmission damage can result.

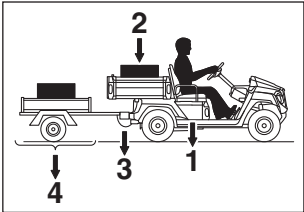
OPERATION

LOADING

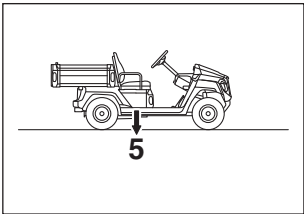
Cargo or a trailer can change the stability and handling of a vehicle.

You must use common sense and good judgment when carrying cargo or towing a trailer. Keep the following points in mind:

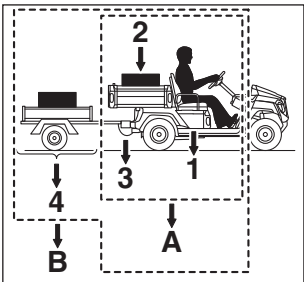
- Never exceed the weight limits shown. An overloaded vehicle can be unstable.



1. Occupant Capacity
2. Maximum Cargo Bed Capacity
3. Maximum Tongue Weight
4. Maximum Towing Capacity



5. Vehicle Weight



- A. Vehicle Rated Capacity
- B. Vehicle Combination Rated Capacity
- C. Maximum Gross Vehicle Weight Rating (5+A+Suntop)
- D. Maximum Gross Combination Weight Rating (5+B+Suntop)

1	181 kg (400 lb)
2	363 kg (800 lb)
3	68 kg (150 lb)
4	680 kg (1500 lb)
5	465 kg (1025 lb)
A	544 kg (1200 lb)
B	680 kg (1500 lb)
C	1009 kg (2224.5 lb)
D	1145 kg (2524 lb)

- Do not exceed the maximum tongue weight. You can measure tongue weight with a bathroom scale. Put the tongue of the loaded trailer on the scale with the tongue at hitch height. Adjust the load in the trailer, if necessary, to reduce the weight on hitch. If you are carrying cargo and towing a trailer, include the tongue weight in the maximum vehicle load limit.
- Load cargo in the cargo bed as close to the center of the vehicle as possible to avoid tipping the vehicle.
- Cargo should be as far forward in the bed as possible, and distributed evenly from side to side. Be sure cargo is secured so that it cannot move around during operation.
- Make sure the load does not interfere with controls or your ability to see where you are going.
- Drive more slowly than you would without a load. The more weight you carry, the slower you should go.

- Allow more braking distance. A heavier vehicle takes longer to stop.
- Avoid making sharp turns unless at very slow speeds to avoid tipping or rolling the vehicle.
- Avoid hills and rough terrain. Choose terrain carefully. Added weight affects the stability and handling of the vehicle.

WARNING

Uncontrolled Movement Hazard

- **Never exceed the stated load capacity for this vehicle.**
 - **Distribute the load evenly.**
 - **Secure cargo in cargo bed.**
 - **Never tow cargo that is not secured.**
 - **Reduce speed and allow greater distances for braking.**
-

WARNING

Fall and Thrown Object Hazard

- **Do not carry passengers in the cargo bed.**
-

WARNING

Fire or Explosion Hazard

- **Do not fill fuel containers in the cargo bed.**
 - **Set fuel container on the ground.**
 - **Keep fuel nozzle in contact with can inlet while filling.**
 - **Tighten cap before setting fuel container in cargo bed.**
-

MAINTENANCE AND ADJUSTMENT

PERIODIC MAINTENANCE AND ADJUSTMENT CHARTS

Regular maintenance is required for the best performance and safe operation of your utility vehicle.

Even if the vehicle isn't driven for the stated mileage or engine hours, the month maintenance intervals should still be followed. Items marked with an asterisk should be performed by a Yamaha dealer as they require special tools, data and technical skills.

 WARNING

Be sure to turn off the main switch and apply the parking brake when you perform maintenance, unless otherwise specified. If the owner is not familiar with servicing the machine, death or serious personal injury can result. When in doubt the work should be done by a Yamaha dealer or other qualified mechanic.

NOTICE

Yamaha does not approve the use of high-pressure washers to clean the products they manufacture. Doing so may damage the finish on the body or result in doing other damage not covered by warranty.

6

CS - CHECK CA - CHECK AND ADJUST R - REPLACE S - SERVICE CL - CLEAN AND LUBRICATE L - LUBRICATE

	Remarks	Daily Pre- Opera- tion	20 hours 100 mi 160 km (Every Month)	125 hrs 600 mi 1000 km (Every 6 months)	250 hrs 1200 mi 2000 km (Every Year)	500 hrs 2500 mi 4000 km (Every 2 years)	1000 hrs 5000 mi 8000 km (Every 4 years)	Page
PRE-OP	Charge battery	S	S	S	S	S	S	33
	Check for tight- ness of holddown screws and terminals	S	S	S	S	S	S	22
	Check brake pedal free play and adjust if necessary	CS	CA	CA	CA	CA	CA	50
	Check steering operation	CS	CS	CS	CS	CS	CS	23
	Check tire pres- sure, tread depth, tire surface for damage	CS	CA	CA	CA	CA	CA	23

* Items without a page number reference should be serviced by a Yamaha dealer or other qualified mechanic. This manual does not contain these procedures. They are contained in the Service Manual.

** Do no operate vehicle if discrepancy is found.

MAINTENANCE AND ADJUSTMENT

CS - CHECK CA - CHECK AND ADJUST R - REPLACE S - SERVICE CL - CLEAN AND LUBRICATE L - LUBRICATE

	Remarks	Daily Pre- Opera- tion	20 hours 100 mi 160 km (Every Month)	125 hrs 600 mi 1000 km (Every 6 months)	250 hrs 1200 mi 2000 km (Every Year)	500 hrs 2500 mi 4000 km (Every 2 years)	1000 hrs 5000 mi 8000 km (Every 4 years)	Page
PRE-OP	Check body and chassis for damage	CS	CS	CS	CS	CS	CS	24
	Check tightness of all bolts, nuts, screws and rivets	CS	CS	CS	CS	CS	CS	*
	Check reverse alarm operation	CS	CS	CS	CS	CS	CS	23
	Check for the proper operation of pedal control area**	CS	CS	CS	CS	CS	CS	24
EVERY MONTH	Check for loose or broken connections		CS	CS	CS	CS	CS	–
	Clean/Lube pedal control area		CL	CL	CL	CL	CL	*
	Check the debris around the battery and resistor.		CL	CL	CL	CL	CL	*
EVERY 6 MONTHS	Check all wire insulation for cracks and worn spots			CS	CS	CS	CS	*
	• Check brake cable operation • Inspect for abrasions and damage, and replace if necessary			CS R	CS R	CS R	CS R	49
	Check shock absorbers for oil leaks and damaged springs			CS	CS	CS	CS	*
EVERY YEAR	Apply battery terminal protectant				S	S	S	–

* Items without a page number reference should be serviced by a Yamaha dealer or other qualified mechanic. This manual does not contain these procedures. They are contained in the Service Manual.

** Do no operate vehicle if discrepancy is found.

MAINTENANCE AND ADJUSTMENT

CS - CHECK CA - CHECK AND ADJUST R - REPLACE S - SERVICE CL - CLEAN AND LUBRICATE L - LUBRICATE

	Remarks	Daily Pre- Operation	20 hours 100 mi 160 km (Every Month)	125 hrs 600 mi 1000 km (Every 6 months)	250 hrs 1200 mi 2000 km (Every Year)	500 hrs 2500 mi 4000 km (Every 2 years)	1000 hrs 5000 mi 8000 km (Every 4 years)	Page
EVERY YEAR	Check rear axle bearing play for roughness or free play				CS	CS	CS	*
	Check steering knuckle bushing free play / Adjust wheel alignment				CA	CA	CA	*
	Check wheel nut tightness, front wheel bearing play				CS	CS	CS	*
	Check transaxle oil level and inspect for leakage				CS	CS	CS	48
	Adjust parking brake release				CA	CA	CA	51
	Inspect pedal components**				CS	CS	CS	*
EVERY 4 YEARS	Replace transaxle oil						CS R	*
	Inspect brake shoes and adjust or replace if necessary						CS R	*

* Items without a page number reference should be serviced by a Yamaha dealer or other qualified mechanic. This manual does not contain these procedures. They are contained in the Service Manual.

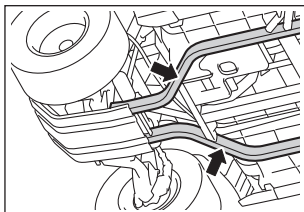
** Do not operate vehicle if discrepancy is found.

TIP

Some maintenance items need more frequent service if you drive in unusually wet, dusty, sandy, or muddy areas.

MAINTENANCE AND ADJUSTMENT

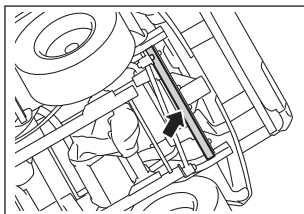
Front



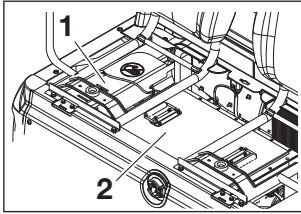
RECOMMENDED JACKING POINTS

Jack up the vehicle at the indicated jacking points.

Rear



MAINTENANCE AND ADJUSTMENT



1. Resistor
2. Lithium-ion battery

BATTERY CHARGING

⚠ WARNING

- Read and understand the owner's manual provided with your utility vehicle's battery charger before charging battery. Death or serious personal injury can result from failing to comply with the warning labels in this manual.
- Remove any and all debris that collects around the resistor heat shield and the resistor. Allowing debris build up can create a fire hazard.
- The Lithium-ion battery charging system is equipped with a resistor. This resistor activates at the end of the charging cycle. When the resistor is activated the resistor heat shield and resistor will become hot.

To charge the battery in your utility vehicle, follow the instructions contained in your battery charger's owner's manual. The following is a summary of the charging steps.

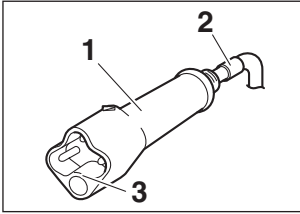
NOTICE

Do not attempt to recharge your utility vehicle's battery without thoroughly reading and understanding the owner's manual provided with your charger.

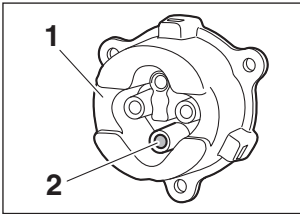
Battery ambient temperature

Charging : 5-49 °C (42-121 °F)

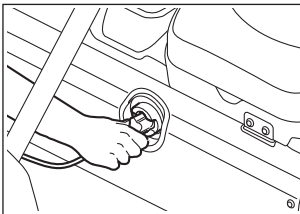
MAINTENANCE AND ADJUSTMENT



1. DC output plug for Lithium-ion battery
2. Identification wrap (Green)
3. Rib



1. Receptacle for Lithium-ion battery
2. Dummy pin



1. Turn main switch key to “OFF” position.
2. Check the DC output plug and code for damage.

TIP

The location of the dummy pin is different between the flood battery and the Lithium-ion battery.

3. With the charger properly connected and grounded (see charger’s owner’s manual), insert the DC output plug into the DC charger receptacle.

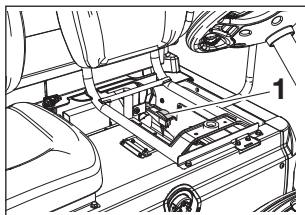
WARNING

Do not disconnect the DC output plug from the DC charger receptacle when the charger is on or an arc could occur that may cause an explosion.

NOTICE

Do not insert the DC output plug from a Lithium-ion battery charger into the DC charger receptacle of a car equipped with a different battery type. DC plug or receptacle damage can result. See the identification procedure on page 33.

MAINTENANCE AND ADJUSTMENT

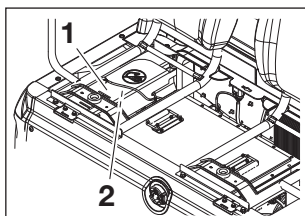


1. Tow switch

4. Lift up the seat and move the tow switch to the TOW position.

NOTICE

- Put the tow switch in the “TOW” position after connect DC plug to receptacle, otherwise damage to the electrical system may result.
- Use only the Yamaha provided Lithium-ion battery charger that is rated for use with a Lithium-ion battery powered Yamaha utility vehicle. Serious battery damage can result. Thoroughly read and understand the user manual supplied with your charger for Yamaha Lithium-ion battery system.

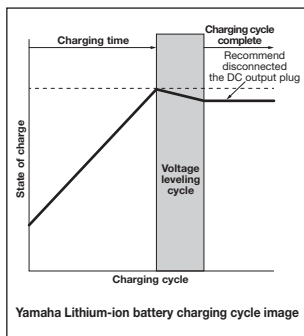


1. Heat shield
2. Resistor

5. Once the battery is fully charged, the charge cycle will stop automatically.
6. After the end of the charge cycle, a battery voltage leveling cycle begins. The voltage leveling cycle turns on the resistor.
7. After the battery charging and voltage leveling cycle has finished, disconnect the DC output plug from the DC charger receptacle by grasping the plug body and pulling the plug straight out of the receptacle.

TIP

- Recommended to disconnect after the voltage leveling cycle for efficient use of regenerative charging. (See the figure on the left)
- After disconnecting the DC output plug from receptacle, wait at least 3 seconds before switching the tow switch from “TOW” to “RUN”.



MAINTENANCE AND ADJUSTMENT

FUSE REPLACEMENT

WARNING

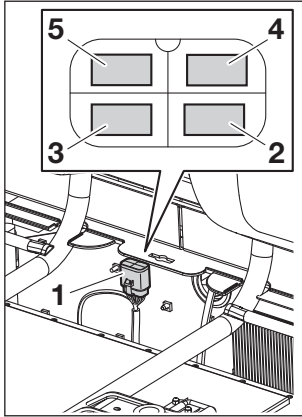
Be sure to use the specified fuse. Using a wrong fuse can cause electrical system damage and create a fire hazard. Death or serious personal injury can result from failing to comply with the warning labels in this manual.

NOTICE

When replacing a fuse, be sure the main switch is turned off to prevent accidental short-circuiting and electrical system damage. Put tow switch in the tow position.

The fuse holder is located under the seat panel.

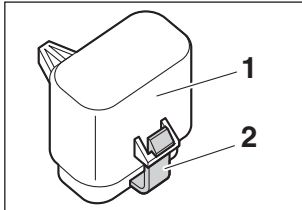
MAINTENANCE AND ADJUSTMENT



1. Fuse holder
2. Main Mini fuse (10 A, 58 V)
3. MCU Mini fuse (3.0 A, 58V)
4. USB Mini fuse (5.0 A, 32V)
5. VREG Mini fuse (1 A, 58 V)

To access the fuse holder

1. Remove the seat and the under-seat panel. (See page 20.)
2. Locate the fuse holder on the main wire harness adjacent to the battery as shown.
3. Depress the locking tab of the fuse holder, and then remove the fuse holder cover.
4. Pull the fuse out and inspect it. Replace the fuse if necessary.
5. To install the seat and the under-seat panel, reverse the above steps.



1. Fuse holder cover
2. Locking tab

MAINTENANCE AND ADJUSTMENT

BATTERY CHARGER

Prepare for Emergencies

Be prepared for possible injury or fire.

Keep the following items handy:

- First aid kit
- Fire extinguisher
- Emergency phone numbers

Read the text located on the case of the charger before operating or using the charger.

Features

Switch-Mode Design: High-efficiency operation with smooth, ripple-free DC output.

10-LED Display: Displays state of charge and charge error conditions.

Charge Protection: Protects from improper connection, overload and excessive temperatures.

Programmed safety features include charge time monitoring and over temperature protection.

MAINTENANCE AND ADJUSTMENT

INSTALLATION

WARNING

RISK OF FIRE - Use this charger only on circuits with a 15-amp or higher branch circuit protection (circuit breaker or fuse) in accordance with the national electrical code, ANSI/NFPA 70 and all applicable local codes and ordinances.

When using an extension cord, use only a grounded, 3-wire, 12-AWG cord no longer than 15 m (50 ft.). The use of an improper extension cord could result in a risk of a fire or electric shock.

WARNING

The output of chargers with greater than 48 volts may pose an energy and/or shock hazard under normal use.

NOTICE

AVOID connecting a charger and another device to a single 15A/20A circuit or the circuit may become overloaded.

The AC line connected to the charger must be capable of supplying 12 Amperes to the charger.

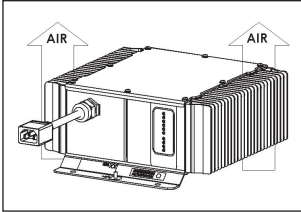
Also, maximum Ampere varies depending on AC voltage. Please refer to “AC Input” in General Specifications.

MAINTENANCE AND ADJUSTMENT

MOUNTING

WARNING

This charger is not designed for on-board use. Improper mounting or installation could result in a risk of fire or damage to the vehicle.



Mount the charger on a shelf or on the wall with adequate ventilation. Ideally it will be mounted horizontally with airflow from below. If it will be mounted vertically, it is recommended that the AC-input cord be at the lower end of the charger.

Keep the charger free of oil, dirt, mud or dust to keep the cooling fins operating as efficiently as possible. Mount the charger by the mounting plate using appropriate fasteners.

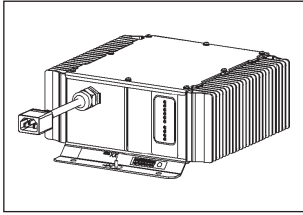
TIP

The charger's AC plug must be located at least 46 cm (18 in.) above the ground and the display visible to the user.

WARNING

Chargers can ignite flammable materials and vapors. Do not use near fuels, grain dust, solvents or other flammables.

MAINTENANCE AND ADJUSTMENT



GROUNDING

The battery charger must be grounded to reduce the risk of electric shock. The charger is equipped with a 3-prong AC cord set. The AC cord set must be connected to an appropriate receptacle that is properly installed and grounded in accordance with the National Electrical Code and all local codes and ordinances.

WARNING

Improper connection of the equipment-grounding conductor can result in a risk of an electric shock.

The conductor with insulation that has an outer surface that is green, with or without yellow stripe(s), is the equipment-grounding conductor. If repair or replacement of the charger's AC cord set is necessary, do not connect the equipment-grounding connector to a live terminal.

CHARGING

WARNING

To reduce the risk of an electric shock, connect only to a properly grounded, single-phase (3-wire) outlet. Also, refer to grounding instructions.

MAINTENANCE AND ADJUSTMENT

WARNING

Risk of electric shock! Do not touch any uninsulated parts of the charger output plug, DC charger receptacle or battery terminals.

WARNING

Surfaces may be hot. To avoid risk of burns, do not touch.

NOTICE

Charge only Yamaha Lithium-ion battery systems manufactured by RoyPow Technology Co., Ltd. Damage to the charger and batteries may result if this charger is used on the wrong battery type.

WARNING

Visually and manually inspect to verify that the DC output cord, plug and battery charging receptacle are in good working condition before each and every use. Do not use the charger under any of the following conditions:

- The DC charging receptacle does not grip the DC cord set plug tightly, is loose or does not make a good electrical connection.
- The DC output plug or charging receptacle feels hotter than normal.
- The DC output plug or charging receptacle contacts are bent, corroded, or are dark or bluish in appearance.
- The DC output plug, cords, receptacle or equipment-charging wiring are cut, worn, broken or have any exposed conductors.
- The DC output plug, cords, charger or receptacles are damaged or distressed in any way.

Using the charger with any of the above symptoms could result in a fire, property damage or personal injury.

MAINTENANCE AND ADJUSTMENT

WARNING

Do not disconnect the DC output plug from the DC charger receptacle when the charger is on. If the charger must be stopped, first disconnect the AC power supply cord from its AC outlet, and then disconnect the charger DC output plug from the DC charger receptacle.

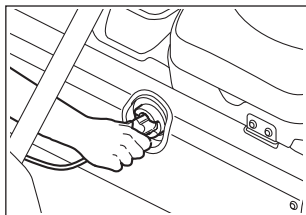
WARNING

Whenever removing AC or DC cord set plugs from receptacles, pull from the plug body and not from their respective cords.

The instructions printed on the charger (shown below) are for daily reference. The charger is factory preset for use with Yamaha Lithium-ion golf car battery.

OPERATING INSTRUCTIONS

1. PLUG AC CORD INTO A GROUNDED RECEPTACLE
2. PLUG DC CORD INTO DC CHARGER RECEPTACLE
3. CHARGE CYCLE WILL BEGIN AFTER A FEW SECONDS AND AMMETER WILL TURN ON
4. CHARGER SHUTS OFF AUTOMATICALLY WHEN BATTERIES ARE CHARGED

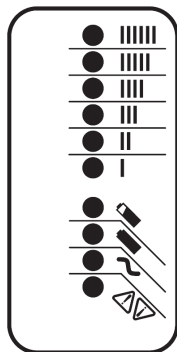


Connect battery charger's AC cord set to AC power. Then, connect the DC output plug to the vehicle charging receptacle by grasping the plug handle and pushing the plug straight into the DC charger receptacle. The charger will start automatically.

Upon connection to AC power source, the lower four LEDs come on as a Power-On Self-Test, then the AC power LED turns on. Upon connection to battery pack, output indicators turn on to indicate charging is active.

MAINTENANCE AND ADJUSTMENT

Under normal charge circumstances, the LEDs operate as follows:



Ammeter (Amber)     	On:	Displays approximate scale of the output current during charging.
	Blinking:	High internal charger temperature. Current output reduced.
80% Charge (Amber) 	On:	Charging, >80% charged.
	Blinking:	With no battery connected, the number of flashes indicates the algorithm ID number.
100% Charge (Green) 	On:	Charging complete. Charger in Storage Mode.
AC On (Amber) 	On:	The AC power is good.
Fault (Red) 	Blinking:	Charger error. Refer to Troubleshooting on next page.

To reset charger after 100% charge (Green LED), disconnect the DC plug from battery for more than 30 seconds. Then, reconnect DC plug.

MAINTENANCE AND ADJUSTMENT

TROUBLESHOOTING

1. LED Error Codes (For Battery Condition)

 WARNING

Incorrect reassembly may result in a risk of electric shock or fire. The following procedures are intended only to determine if a malfunction may exist in the charger.

 WARNING

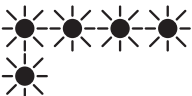
To reduce the risk of electric shock, always disconnect the charger's AC cord set plug from AC power and its DC output plug from the vehicles DC charger receptacle before attempting any maintenance or cleaning.

 WARNING

Do not operate the charger if it is malfunctioning. Personal injury or property damage could result.

MAINTENANCE AND ADJUSTMENT

If a fault occurs, count the number of red flashes between pauses and refer to the table below:

Red Flashes	Cause	Solution
	Battery High Voltage	Check battery size and condition and reset charger (i.e., remove the DC cord from the vehicle for 15 seconds).
	Battery Low Voltage	Check battery size and condition and reset charger (i.e., remove the DC cord from the vehicle for 15 seconds).
	Charge Timeout caused by battery pack not reaching required voltage.	Check connections.
	Charger output was reduced due to high temperatures.	Operate charger at a lower ambient temperature.
	Unable to communicate with Battery Management System.	Check DC connection to vehicle and battery.
	Over-Temperature: Charger shut down due to high internal temperature.	Ensure sufficient cooling air flow and reset charger (i.e., remove the DC cord from the vehicle for 15 seconds).
	Charger Internal Fault	Reset charger (i.e., remove the AC power or DC connection for 15 seconds). Return to a qualified service depot if the fault persists.

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WARNING

Have qualified service technician inspect if problems persist.

MAINTENANCE AND ADJUSTMENT

2. Hardware System Faults

Problem Description	Cause	Remedy
Charger does not start. No LEDs illuminate or blink when AC cord is connected.	No AC power to charger.	Ensure correct voltage at AC outlet. Check AC cord connections. Replace AC cord if damaged.
Charger does not start charging when DC cord set is plugged into charger receptacle and the Amber AC On LED is illuminated.	Incorrect wiring or disconnection from DC cord, charger receptacle and batteries.	Ensure polarity for wiring is correct from DC cord, charger receptacle and batteries.

 WARNING

Have qualified service technician inspect if problems persist.

MAINTENANCE AND ADJUSTMENT

TRANSAXLE OIL

To check transaxle oil level:

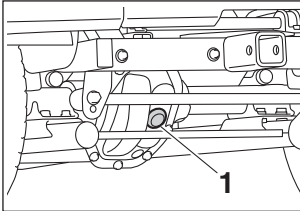
TIP

For information on the jacking points, see page 32.

1. Place the utility vehicle on a flat, level surface.
2. Place an oil pan under the transaxle case.
3. Clean the area around the oil level plug and then remove the plug.

NOTICE

Do not allow foreign material to enter transaxle. Serious transaxle damage can result.



1. Oil level plug

4. The oil level should be between 0 to 25 mm (1 in.) from bottom edge of transaxle oil level hole.
5. If the level is low, add sufficient oil of the recommended type to raise it to the specified level.

Recommended oil brand:



Available viscosity index:

SAE 80W-90 or SAE 90

Transaxle oil change quantity:

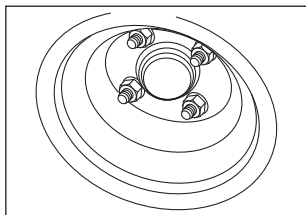
355 cc (355 mL, 0.38 US qt)

6. Install the oil level plug.

TIP

For transaxle oil replacement, consult a Yamaha dealer or other qualified mechanic.

MAINTENANCE AND ADJUSTMENT



WHEEL REPLACEMENT

WARNING

Before performing wheel or brake maintenance, verify that the main switch is in the “OFF” position. Accidental starting of the vehicle could cause the vehicle to move, causing death or serious personal injury.

To remove and install a wheel on your utility vehicle:

TIP

For information on the jacking points, see page 32.

1. With the wheels blocked to prevent the utility vehicle from moving, loosen the wheel nuts.
2. Elevate the utility vehicle with a suitable jack and remove the wheel nuts and the wheel.
3. Reverse the removal steps when installing the wheel.

Wheel nut tightening torque:

100 N·m (10 kgf·m, 74 lb·ft)

BRAKE ADJUSTMENT

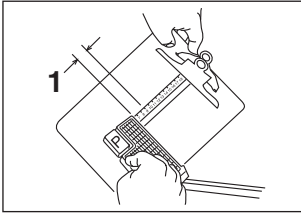
The brakes on your utility vehicle are self-adjusting. Before you operate the vehicle, press down on the brake pedal several times to make sure the brakes are functioning properly.

WARNING

Consult your Yamaha dealer before using your utility vehicle if you suspect brake problems. Brake failure could result in a serious accident.

Death or serious personal injury can result from failing to comply with the warning labels in this manual.

MAINTENANCE AND ADJUSTMENT



1. Brake pedal free play

BRAKE PEDAL FREE PLAY ADJUSTMENT

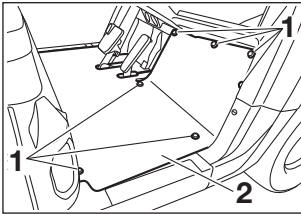
Check the brake pedal free play by pressing against the pedal with two fingers (using light force) and measuring the distance the pedal travels before resistance is felt.

Brake pedal free play:

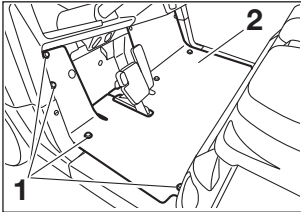
50-55 mm (1.97-2.17 in.)

To adjust the brake pedal free play:

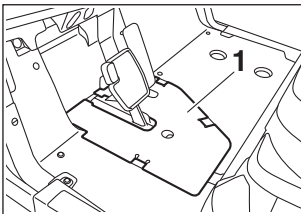
1. Remove the floor mat by removing the quick fasteners.



1. Quick fastener
2. Floor mat



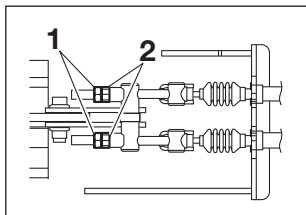
1. Quick fastener
2. Floor mat



1. Service lid

2. Remove the service lid.

MAINTENANCE AND ADJUSTMENT



1. Locknut
2. Adjusting nut

3. If the free play distance needs adjusting, loosen the locknuts and turn the adjusting nuts in or out until the free play specification is met. Then tighten the locknuts in place.

WARNING

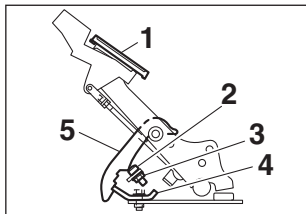
Do not over-tighten the brake cables. Over-tightening will increase brake wear and affect the overall performance of the vehicle. Premature brake wear can result. Death or serious personal injury can result from failing to comply with the warning labels in this manual.

4. Install the service lid.
5. Install the floor mat by installing the quick fasteners.

PARKING BRAKE RELEASE ADJUSTMENT

NOTICE

Before performing parking brake release adjustment, adjust brake pedal free play.



1. Parking brake pedal
2. Bolt
3. Locknut
4. Brake nail
5. Sector

1. Apply pressure to the parking brake pedal until the brake nail catches the first latch position on the sector.
2. Loosen the locknut and turn the bolt counter-clockwise until it contacts the sector.
3. Turn the bolt clockwise 1/3 of a turn (120 degrees), then tighten locknut.

HEADLIGHTS

This model is equipped with LED-type headlights.

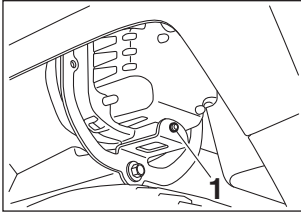
If a headlight does not come on, check the fuses and then have a Yamaha dealer check the vehicle.

MAINTENANCE AND ADJUSTMENT

ADJUSTING A HEADLIGHT

NOTICE

It is recommended to have the headlight adjustment performed by a Yamaha dealer.



1. Adjusting screw

Using a Phillips head screwdriver, turn the adjusting screw. Turning the screw clockwise will lower the beam and turning the screw counterclockwise will raise the beam.

STORAGE

Perform the following preparations when storing your utility vehicle for extended periods of time:

NOTICE

Yamaha does not approve the use of high-pressure washers to clean the products they manufacture. Doing so may damage the finish on the body or result in doing other damage not covered by warranty.

TIP

Turn main switch key to “OFF” position, remove the driver seat cushion and put the tow switch in the “TOW” position. Remove key from main key switch, and store key in a safe place.

CHASSIS PREPARATION

1. Verify the tire pressure is set to:
 - Front: 137 kPa (1.40 kgf/cm², 20 psi)
 - Rear: 151 kPa (1.54 kgf/cm², 22 psi)
2. Clean exterior of the utility vehicle and apply a rust inhibitor.
3. Cover the utility vehicle with a breathable cover and store it in a dry, well-ventilated area.

BATTERY PREPARATION

1. Leave the battery in the golf car during storage. Do not charge it before storage.
The charger should not be left connected to the car during storage.
1 month or less in storage
Storage temperature : -20 – 45 °C (-4 – 113 °F)

More than 1 month in storage

Storage temperature : 0 – 35 °C (32 – 95 °F)

SOC range(%) : 30 – 50 % (48 – 52.8 V)

Must be discharged and charged every 6 months.

2. Remove any grass, leaves, branches or other objects from around the battery and resistor if necessary.

GENERAL SPECIFICATIONS

Items	YUM2E Li
Dimensions:	
Overall length	3030 mm (119.3 in.)
Overall width	1255 mm (49.4 in.)
Overall height (steering height)	1235 mm (48.6in.)
Overall height (sun top height)	1825 mm (71.9 in.)
Height of floor	330 mm (13.0 in.)
Wheelbase	1960 mm (77.2 in.)
Track:	
Front	1025 mm (40.4 in.)
Rear	1020 mm (40.2 in.)
Cargo bed size:	
Overall length	1045 mm (41.1 in.)
Overall width	1165 mm (45.9 in.)
Overall height	300 mm (11.8 in.)
Ground clearance	115 mm (4.5 in.)
Weight:	
Curb weight (With Lithium-ion battery)	465 kg (1024 lb)
Curb weight (With Sun top, W/S, Lithium-ion battery)	497 kg (1096 lb)
Performance:	
Maximum speed	31.4 km/h (19.5 mph)
Maximum reverse speed	10.0 km/h (6.2 mph)
Minimum turning radius	4.0 m (13.1 ft)
Hill climbing capacity	15°
Seating capacity	One occupant per seat
Vehicle combination rated capacity	680 kg (1500 lb)
Occupant capacity	181 kg (400 lb)
Maximum cargo bed capacity	363 kg (800 lb)
Maximum tongue weight	68 kg (150 lb)
Maximum towing capacity	680 kg (1500 lb)
Gross vehicle weight rating	1009 kg (2224.5 lb)

SPECIFICATIONS

Items	YUM2E Li
Noise and vibration levels:	
Noise level at acceleration, Operator's ear	Highest value will not exceed 70 dB (A)
Noise Level uncertainty of measurement	2.2 dB (A)
Noise level at constant speed, Operator's ear	71.5 dB (A)
Noise Level uncertainty of measurement	0.4 dB (A)
Vibration level on steering wheel, Operator on board	2.6 m/s ² at peak
Vibration Level uncertainty of measurement	2.6 m/s ²
Vibration level on floor board, Operator on board	Highest value will not exceed 0.5 m/s ²
Vibration Level uncertainty of measurement	0.0 m/s ²

TRANSMISSION

Items	YUM2E Li
Differential/reduction gear	Secondary reduction system helical gear Secondary reduction ratio: 15.31:1 Differential type bevel gear Lubricant/capacity SAE 80W-90 or SAE 90 gear oil/355 cc (355 mL, 0.38 US qt)

BATTERY

Items	YUM2E Li
Lithium-ion battery:	Yamaha Lithium-ion battery manufactured by RoyPow 51-volt 5.3 kwh
Battery category: EU Battery Regulation (EU) 2023/1542	Industrial battery

BATTERY AMBIENT TEMPERATURES

Lithium Battery Condition		Temperature
Operation		-20 – 55 °C (-4 – 131 °F)
Charging		5 – 49 °C (42 – 121 °F)
Storage	1 month or less	-20 – 45 °C (-4 – 113 °F)
	More than 1 month	0 – 35 °C (32 – 95 °F)

CHASSIS

Items	YUM2E Li
Suspension:	
Front	Independent (Coil-over strut type)
Rear	Swing arm (mono-link)
Lighting:	
Headlight	LED
Steering system:	
Type	Rack and Pinion
Steering angle (L.H.)	1.85 turn
Steering angle (R.H.)	1.85 turn
Brakes:	
Brake system	Mechanical drum brake on each wheel with self-adjusters
Type of brake	Dual internal expanding shoe Leading/trailing shoes (self-adjusting)
Brake pedal free play linkage adjustment	50–55 mm (1.97–2.17 in.)
Parking brake:	
Type	Foot type; parking brake with automatic release.

SPECIFICATIONS

Items	YUM2E Li
Wheel:	
Tire size: (Dia. [in]) × (Width [in]) - (Rim size [in]) / Ply rating)	
Front	20 × 10.00-10 / 4 PR
Rear	20 × 10.00-10 / 4 PR
Rim size: (Dia. [in]) × (Width [in]) (Offset [mm])	10 × 7.0 +12
Tire pressure:	
Recommended:	
Front	137 kPa (1.40 kgf/cm ² , 20 psi)
Rear	151 kPa (1.54 kgf/cm ² , 22 psi)

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