



OWNER'S / OPERATOR'S MANUAL



READ THIS MANUAL CAREFULLY!
It contains important safety information.

YDRE SVL

Concierge 6E
48-Volt Vehicle

INTRODUCTION

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

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

Yamaha Motor Corporation USA

**SIX-PASSENGER
48-VOLT VEHICLE
OWNER'S/OPERATOR'S
MANUAL**

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USA**

1st Edition

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Printed in U.S.A.

LIT-19626-30-55



JD3-F8199-40

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 six-passenger 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 six-passenger 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 six-passenger vehicle. This manual should be considered a permanent part of your six-passenger vehicle and should remain with the vehicle when resold.

CONTENTS

WARRANTY

1

IMPORTANT LABELS

2

OPERATOR SAFETY

3

SAFETY CONSIDERATIONS

4

CONTROLS

5

PRE-OPERATION CHECKS

6

OPERATION

7

MAINTENANCE

8

STORAGE

9

SPECIFICATIONS

10

WIRING

11

WARRANTY

1

LIMITED 2-YEAR UTILITY AND TRANSPORTATION VEHICLE LIMITED WARRANTY

Yamaha Golf-Car Company hereby warrants that any new Yamaha utility vehicle or any new Yamaha Golf-Car Company transportation or specialty vehicle purchased from an authorized Yamaha golf car dealer in the United States will be free from defects in material and workmanship for TWO years from date of purchase, subject to the stated limitations.

DURING THE PERIOD OF WARRANTY any authorized Yamaha golf car dealer will, free of charge, repair or replace, at Yamaha's option, any part adjudged defective by Yamaha due to faulty workmanship or material from the factory. Parts used in warranty repairs will be warranted for the balance of the vehicle's warranty period. All parts replaced under warranty become property of Yamaha Golf-Car Company.

GENERAL EXCLUSIONS from this warranty shall include any failures caused by:

- a. Abnormal strain, neglect, or abuse, including lack of proper maintenance, and use contrary to the Owner's/Operator's Manual instructions.
- b. Accident or collision damage.
- c. Installation of parts or accessories that are not original equipment.
- d. Fading, rust, or deterioration due to exposure or ordinary wear and tear.
- e. Modifications or alterations that affect the car's condition, operation, performance, or durability, or which makes the car serve a purpose other than use as a utility or transportation vehicle.
- f. Damage due to improper transportation.
- g. Acts of God, i.e. lightning, hail damage, flooding, fire, etc.

WARRANTY COVERAGE:

Year 1: The first year of warranty shall cover the entire vehicle except for the Specific Exclusions below.

Year 2: The second year of the warranty covers only the electric motor, speed controller, battery charger, and transaxle on electric powered vehicles and the engine, clutch system (except drive belt), and transaxle on gasoline powered vehicles.

SPECIFIC EXCLUSIONS: Specific exclusions from this warranty shall include any parts replaced due to normal wear or routine maintenance, including oil and air filter elements, tire wear, spark plugs, starter and clutch drive belts. Any charges incurred in transporting a vehicle or charger to and from an authorized Yamaha golf car dealer for service or in performing field service are also excluded from this warranty.

THE CUSTOMER'S RESPONSIBILITY under this warranty shall be to:

1. Operate and maintain the vehicle and charger as specified in the appropriate Owner's/Operator's Manual;
2. Give notice to an authorized Yamaha golf car dealer of any and all apparent defects within ten (10) days after discovery, and make the vehicle or charger available at that time for inspection and repairs by the dealer's authorized representative.

WARRANTY TRANSFER: This warranty is to the original owner only and is not transferable.

YAMAHA GOLF-CAR COMPANY MAKES NO OTHER WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED. ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEED THE OBLIGATIONS AND TIME LIMITS STATED IN THIS WARRANTY ARE HEREBY DISCLAIMED BY YAMAHA GOLF-CAR COMPANY AND EXCLUDED FROM THIS WARRANTY.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. ALSO EXCLUDED FROM THIS WARRANTY ARE ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING LOSS OF USE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY, FROM STATE TO STATE.

Yamaha Motor Corporation, USA
Kennesaw, GEORGIA 30144

EFFECTIVE DATE: 6/1/15
LIT-13710-U3-15

WARRANTY

1

YAMAHA FOUR-YEAR LIMITED WARRANTY FOR TROJAN BRAND ELECTRIC GOLF CAR AND UTILITY VEHICLE BATTERIES WHEN CHARGED WITH A YAMAHA 48-VOLT CHARGER

YAMAHA Golf-Car Company (herein referred to as "YGC") hereby warrants to the Original Retail Purchaser or Lessee of a YAMAHA The Drive golf car or PTV, Adventurer utility vehicle, or YAMAHA Concierge transportation or specialty vehicle purchased from an Authorized YGC Dealer, that the Trojan batteries charged with a YAMAHA battery charger will be free from defects in materials and workmanship, and will provide "36-hole performance" as follows:

- 4-years or 20,000 amp-hours with T-105 batteries
- 4-years or 21,500 amp-hours with T-105 batteries and the addition of a factory installed Trojan HydroLink Battery Watering System.

WARRANTY LIMITATIONS

Yamaha Golf-Car Company's and Trojan Battery Company's limit of liability shall be to replace a defective battery. Replacement shall mean furnishing a new battery or used battery with sufficient life to complete the remainder of the warranty term, at no cost to the purchaser during the limited warranty period, except for labor or transportation expenses.

The following conditions apply:

- Amp-hours will be determined either through the Genius controller or through other means as necessary in the event of a controller failure or replacement.
- This warranty only applies to factory installed Trojan battery sets charged with a Yamaha battery charger.
- The customer must perform (or have a contracted Yamaha Dealer perform) all periodic maintenance and discharge testing as specified in the Yamaha Service Manual Maintenance Schedule. No labor or transportation expenses are included in this limited warranty. Maintenance records must be kept.
- YGC supplied or approved replacement batteries may be of a different brand or capacity, but are warranted to provide 36-hole performance for the remainder of the original warranty term.
- "36-hole performance" is defined as 60-minutes discharge time as tested and recorded using a Lester model #17770 discharge machine at an ambient temperature of between 60 and 100 degrees F (16 and 38 degrees C). Ambient temperatures between 60 and 80 degrees F (16 and 27 degrees C) must be corrected using the formula: Adjusted Discharge Time = (Discharge Minutes) / (1 - (((80-TEMP)/100) x 0.64)).
- The customer must notify the Dealer within 10 days that a vehicle has failed to make 36 holes per day. YGC reserves the right to test and recharge any battery in question.

ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL BE VOID AND EXCLUDED SUBSEQUENT TO ONE YEAR FROM THE DATE OF PURCHASE. THE REPLACEMENT OF THE BATTERY IS THE EXCLUSIVE REMEDY UNDER THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY. YAMAHA MAKES NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, AND NO REPRESENTATIVE, EMPLOYEE, DISTRIBUTOR OR DEALER OF YAMAHA HAS THE AUTHORITY TO MAKE OR IMPLY ANY REPRESENTATION, PROMISE OR AGREEMENT WHICH IN ANY WAY VARIES THE TERMS OF THIS LIMITED WARRANTY.

LIMITED WARRANTY EXCLUSIONS

Without limiting the generality of the foregoing in any way, and as part of its limited warranty exclusion, YAMAHA does not warrant that its battery is suitable for use in any application other than in a golf car or utility vehicle. As in the use of any battery, a prudent owner will read and study the charger owner's manual, the vehicle owner's manual, the operator's instructions, and the battery warning labels; and will exercise due care in working on or around batteries.

THE PROVISIONS OF THIS LIMITED WARRANTY SHALL NOT APPLY IF BATTERIES ARE SUBJECT TO ANY OF THE FOLLOWING CONDITIONS:

- Abuse or neglect such as improper fluid levels, loose wiring, rusted or corroded hardware.
- Lack of proper maintenance as outlined in the electric vehicle Owner's/Operator's Manual. For example, lack of regular battery watering or adding water to the battery before recharging.
- Damage caused by improper installation of the battery.
- Neglect, breakage, freezing, fire, explosion, wreckage, the addition of any chemical, or the operation of the battery in an uncharged condition (below half-charge - 1.200 specific gravity).
- Battery charged by systems other than the original equipment type battery charger.
- On fleet golf cars, the use of any non-YAMAHA supplied electrical devices that consume more than one amp-hour per round or two amp-hours per day of battery energy. Examples of these devices include, but are not limited to: heating or cooling systems; GPS (global position system) devices; information gathering devices; lights; radios or stereos; or yardage measuring devices.
- Less than one charger per car or inadequate facility electrical power to power all chargers. Examples include more than one charger on a single circuit, circuit rating of less than 15 amps, or not enough circuits for the number of cars.
- In fleet applications, less than one battery charger per vehicle. For example, using only 10 battery chargers to charge a 15 car fleet.
- The use of any system that does not allow the battery chargers to shut off automatically. For example, timer systems that are designed to switch battery charger AC power on and off during peak demand hours.
- Damage not resulting from a defect in materials or workmanship or which occurs due to abuse or neglect (including failure to provide reasonable and necessary maintenance), accident, alteration or acts of God is excluded from this limited warranty.

THIS BATTERY IS INTENDED TO BE USED BY PERSONS WITH TRAINING AND EXPERIENCE WITH BATTERIES AND ONLY IN YAMAHA ELECTRIC VEHICLES. ANY OTHER USE RENDERS THE LIMITED WARRANTIES EXPRESSED HEREIN AND ALL IMPLIED WARRANTIES NULL AND VOID AND SAME ARE HEREBY EXCLUDED.

ALSO EXCLUDED FROM THIS LIMITED WARRANTY ARE ANY AND ALL INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF USE OR REVENUE, LOSS OF TIME, INCONVENIENCE OR ANY OTHER ECONOMIC LOSS.

Some states do not allow limitation on the duration of an implied warranty, exclusions or limitations of incidental or consequential damages. Therefore, the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

For further information or to submit a warranty claim, contact your local Yamaha Golf-Car Dealer or Yamaha Customer Relations toll free at (800) 962-7926.

Yamaha Motor Corporation, USA
Kennesaw, GEORGIA 30144

EFFECTIVE DATE: 04/01/15

LIT-13710-EL-15

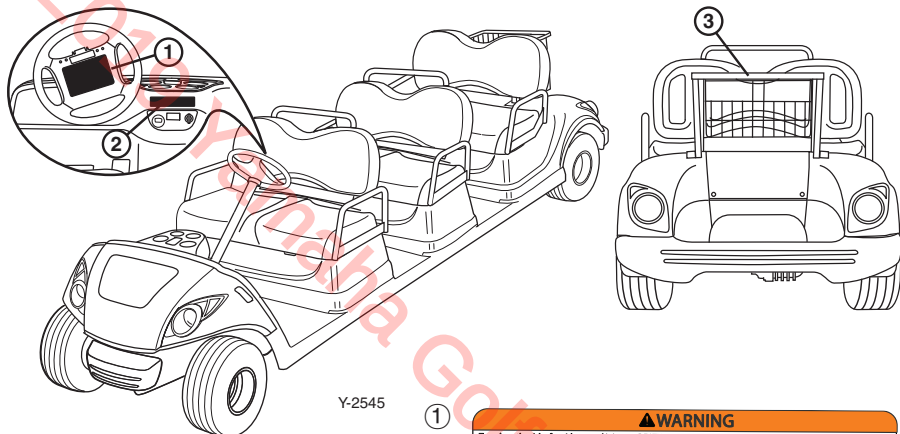
IMPORTANT LABELS

⚠ SAFETY AND INSTRUCTION LABELS

⚠ WARNING

2

Please read the following labels carefully before operating your six-passenger vehicle, and promptly replace any labels which become damaged or removed. **Death or serious personal injury can result from failing to read and comply with the safety instruction labels.**



⚠ WARNING

To reduce the risk of accidents and injury or DEATH:

- 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.
- 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.
- This vehicle may go faster than the intended speed for golf course pathways. Do not use on such pathways without specific permission from golf course management.

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 whenever 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.
- This vehicle is capable of speeds over 15 mph (24 kph) and therefore does not conform to standards for golf cars (ANSI Z130.1).

YAMAHA JC0-K7762-00

Labels in diagram: 1. Steering wheel area, 2. Driver's seat area, 3. Front windshield area.

②

⚠ WARNING

To reduce the risk of accidents and injury or DEATH:

- Read the label located on the steering wheel before operation.
- Operate only when authorized and only in designated areas.
- Operate from driver's seat only.
- This vehicle is restricted to 2 occupants per bench seat.
- Do not start vehicle until all occupants are seated.
- Remain fully seated and hold on when in motion.
- Keep entire body inside vehicle
- Drive slowly in turns.

- Drive slowly straight up and down slopes.
- Set parking brake before leaving vehicle.
- Turn main switch to "OFF" and remove key when not in use.
- Do not operate while under the influence of alcohol or drugs.

YAMAHA

REV

FWD OFF ON

ON JC1-K7768-60

③

⚠ WARNING

"Do not stand or sit in this area. You could fall and be injured."

YAMAHA

JR8-K7766-00

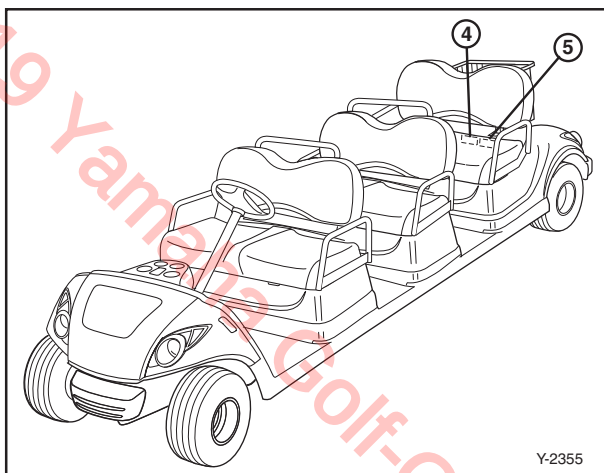
IMPORTANT LABELS

SAFETY AND INSTRUCTION LABELS

WARNING

Please read the following labels carefully before operating your six-passenger vehicle, and promptly replace any labels which become damaged or removed. Death or serious personal injury can result from failing to read and comply with the safety instruction labels.

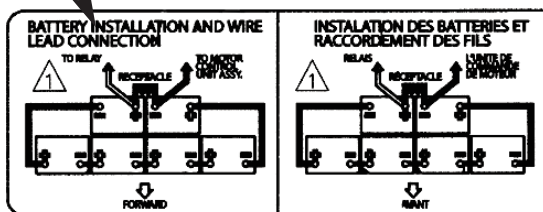
2



Y-2355

④

BATTERY INSTALLATION AND WIRE LEAD CONNECTION 	INSTALLATION DES BATTERIES ET RACCORDEMENT DES FILS 	WARNING Do not smoke when you are refueling or when the battery is being charged or discharged. • Keep well ventilated. • Keep sparks, flames and cigarettes away. • Do not drink when working near batteries.	AVERTISSEMENT Ne fumez pas quand vous remplissez ou quand la batterie est chargée ou déchargée. • Gardez bien ventilé. • Gardez étincelles, flammes et cigarettes loin des batteries. • Ne buvez pas quand vous travaillez près des batteries.	WARNING Do not use acid in batteries without safety glasses and gloves. • Do not touch the battery. • Always wear your safety glasses and gloves. • In the event of injury, flush with water and call physician immediately.	AVERTISSEMENT Ne pas utiliser d'acide dans les batteries sans lunettes de protection et gants. • Ne pas toucher les batteries. • Toujours porter vos lunettes de protection et vos gants. • En cas de contact avec l'acide, rincer à l'eau et appeler le médecin immédiatement.	WARNING Electrical fires can result in burns. • Do not make connections between positive and negative battery terminals.	AVERTISSEMENT Les court-circuits électriques peuvent causer des brûlures. • Ne pas relier les bornes positive et négative d'une même batterie.	YAMAHA
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⑤

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

TOW SWITCH

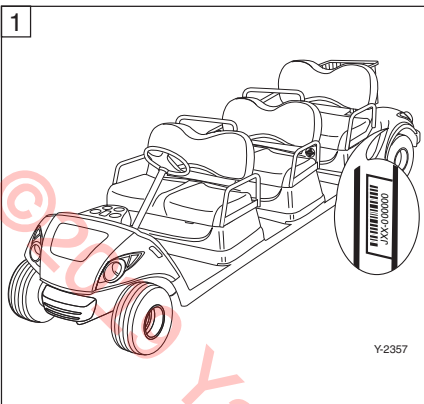


Mettre l'interrupteur à position "TOW" avant de remorquer ou avant l'entreposage. Non-observation pourrait:

- Dommages de système d'entraînement en remorquant.
- Causer une décharge totale de la batterie et endommager la batterie pendant l'entreposage à long terme.
- Après avoir changé l'interrupteur de position "RUN" à position "TOW", attendre un minimum de 15 secondes avant de le remettre.

JW9-KB298-10

IMPORTANT LABELS



SIX-PASSENGER VEHICLE SERIAL NUMBER

The vehicle serial number ① 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 Golf-Car Company dealer.

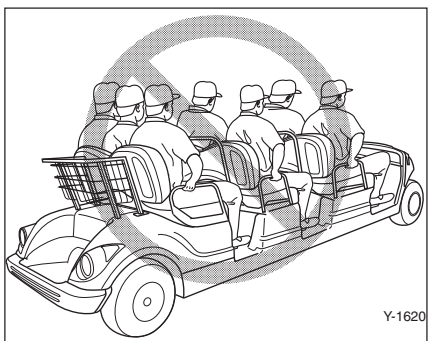
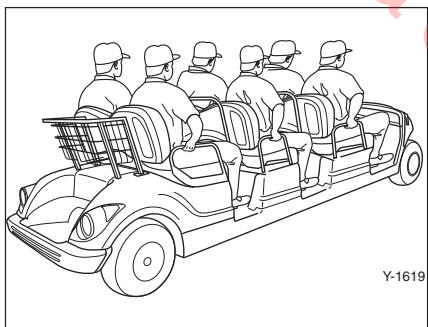


OPERATOR SAFETY

Yamaha 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 USING THE SIX-PASSENGER VEHICLE

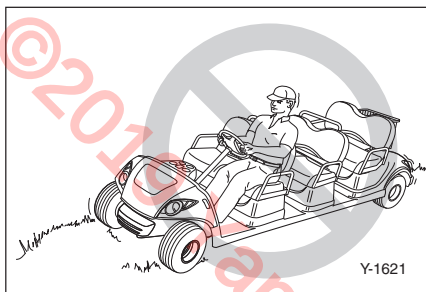
- Read this Owner's/Operator's manual and all safety and instruction labels on the vehicle before operating.
- Perform the pre-operation checks found in Section 6 of this manual.
- Only authorized people should drive the vehicle, from the driver's side only, and only in designated areas.
- Do not allow more than two occupants per seat. This vehicle is restricted to a maximum of six occupants: a driver and passenger in the front seat and two passengers in each row.
- Do not operate the vehicle while under the influence of alcohol or drugs; their effect on vision and judgment make operating a vehicle dangerous.
- Do not operate the vehicle on public streets, roads or highways unless allowed by law or local regulating authority.
- Do not allow more than six people to ride in the six-passenger vehicle. This vehicle is restricted to a maximum of six occupants: a driver and passenger in the front seat and two passengers in each row.





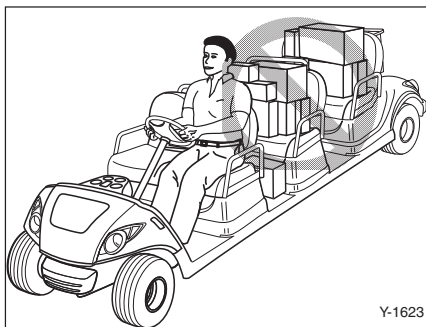
OPERATOR SAFETY

3



WHILE OPERATING THE SIX-PASSENGER VEHICLE

- Keep your entire body inside the vehicle, remain seated and hold on when the vehicle is in motion.
- Do not start the vehicle until all occupants are seated.
- Keep your hands on the steering wheel and your eyes on the path ahead.
- Use extra care in congested areas or when backing up. Always back up slowly, and watch carefully.
- Avoid starting or stopping abruptly.
- Vary the speed of the vehicle to match the terrain of the course.
- Avoid turning the steering wheel too sharply at higher speeds to avoid tipping or rolling the vehicle.
- Always drive slowly straight up or straight down slopes – never at an angle to avoid tipping or rolling the vehicle.
- All occupants should remain inside the vehicle, remain seated and hold on when the vehicle is in motion.
- Do not start the vehicle until all occupants are seated and holding on, with their entire bodies inside the vehicle.
- Do not use the second row or rear seat for cargo or luggage storage. The second row and rear seat are to be used for one- or two-person occupancy only.
- 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 CONSIDERATIONS

Like all machines, six-passenger vehicles can cause injury if improperly used or maintained. This section contains broad safety practices required for safe vehicle operation.

Experience has shown that six-passenger vehicles are safe when operated in accordance with the safety warnings affixed to every vehicle. This safe operation is enhanced when vehicles are used according to the safety rules and practices established to meet the terrain and conditions of the course on which they are used.

If you are responsible for the operation and maintenance of this vehicle, we encourage you to implement this vehicle safety program.

DRIVER QUALIFICATIONS

Only authorized people should operate the vehicle. It is recommended that only people who possess a valid motor vehicle driver's license be allowed to operate the vehicle.

Place operation and safety instructions recommended by the vehicle manufacturer in a conspicuous place near the vehicle rental area or pick-up area. It is also recommended that the following warning be posted in a conspicuous location:

WARNING

Do not operate six-passenger vehicles when under the influence of alcohol or drugs. Death or serious personal injury can result from failing to comply with the safety and warning instructions affixed to this vehicle.

HAZARD PREVENTION

The following hazards must be made safe:

- **Steep Grades.** Where steep grades exist, restrict vehicles to designated pathways when possible. In addition, identify steep grades with a suitable warning like:

WARNING

Descend steep grades slowly with foot on brake. Death or serious personal injury can result from failing to comply with the safety and warning instructions affixed to this vehicle.

- **Sharp Turns, Blind Corners and Bridge Approaches.** Adhere to all warning signs and take proper precautions to avoid the hazard.



SAFETY CONSIDERATIONS

4

- **Wet Areas.** Wet grass may cause a vehicle to lose traction and may affect stability. Vehicle operators should reduce speed in wet areas or during periods of inclement weather.
- **Loose Terrain.** Loose terrain may cause a vehicle to lose traction and may affect stability. Repair loose terrain, chain or rope off these areas, or identify loose terrain with a suitable warning.
- **Six-Passenger Vehicle and Pedestrian Interference.** Reroute vehicle traffic or pedestrian traffic in congested areas wherever possible to prevent accidents.
- **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. Ventilation is also required to remove hydrogen gas from the car storage areas during the battery charging process.

For electric-powered vehicles, the amount of hydrogen gas emitted during charging depends on a number of factors, such as the condition of the batteries, the output rate of the battery charger, and the amount of time the batteries are on charge. Because of the highly volatile nature of hydrogen gas and its propensity to rise and accumulate at the ceiling in pockets, a minimum of five air changes per hour is recommended. Consult applicable fire and safety codes for the specific ventilation levels requirement, as well as requirements for the use of explosion-proof electrical apparatus.

MAINTENANCE REQUIRED FOR SIX-PASSENGER VEHICLE SAFETY

Practice the following to help ensure the safety of vehicle operators and passengers:

- **Preventative Maintenance.** Perform all scheduled maintenance in accordance with manufacturer's recommendations to provide the user with a safe, properly operating vehicle.
- **Personnel.** Allow only qualified, trained and authorized personnel to inspect, adjust and maintain the vehicle.



SAFETY CONSIDERATIONS

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 six-passenger vehicle before beginning any maintenance to avoid any unexpected vehicle movement.
- Properly block chassis before working underneath 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 vehicle, disable the vehicle's electrical system in accordance with the manufacturer's instructions to avoid electrical shock or damage to the electrical system.
- Use only properly insulated tools when working on electrically powered vehicles or around batteries to avoid electrical shock or damage to the electrical system.
- Maintain all safety devices, including brakes, steering mechanisms, warning devices and governors, in a safe operating condition. Do not modify these safety devices as supplied by the manufacturer.
- After each maintenance or repair, the car must be driven by a qualified, trained and authorized person — in an area free of pedestrian traffic — to ensure proper operation and adjustment.

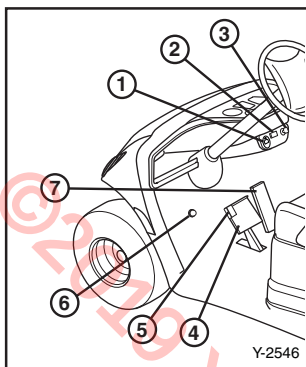
- Record all maintenance performed in a maintenance record log by date, name of person performing maintenance and type of maintenance. Periodically inspect maintenance log to ensure accurate and complete entries.
- Provide operator comment cards to assist in identifying non-periodic maintenance needs for specific six-passenger vehicles.
- Maintain in a legible condition all nameplates, warnings and instructions provided by the manufacturer.
- If new nameplates, warnings or instructions are needed, contact your Yamaha Golf-Car Company dealer.

STORAGE AND BATTERY CHARGING

Take the following precautions to ensure maintenance worker safety:

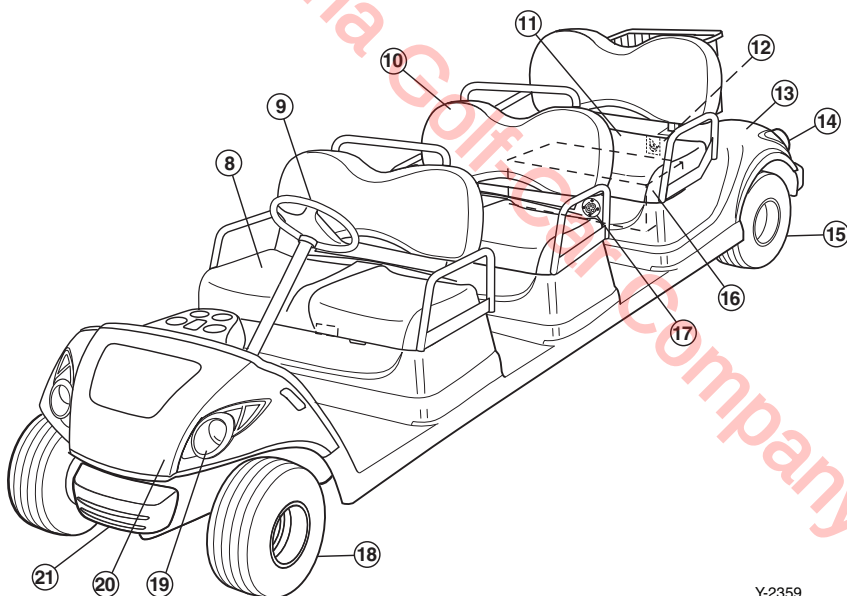
- Only use battery changing and charging facilities and procedures that are in accordance with applicable ordinances and regulations to avoid explosions, electrical shock or damage to the electrical system.
- Periodically inspect charging facilities and procedures to be certain that applicable safety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

CONTROLS



FEATURES

- | | |
|-----------------------|-------------------------|
| ① Battery gauge | ⑫ Tow switch |
| ② Drive select switch | ⑬ Rear body |
| ③ Main/light switch | ⑭ Taillights |
| ④ Brake pedal | ⑮ Rear tire |
| ⑤ Parking brake pedal | ⑯ Batteries |
| ⑥ Horn switch | ⑰ DC charger receptacle |
| ⑦ Accelerator pedal | ⑱ Front tire |
| ⑧ Front seat | ⑲ Headlights |
| ⑩ Steering wheel | ⑳ Front body |
| ⑪ Mid seat | ㉑ Front bumper |
| ⑫ Rear seat | |

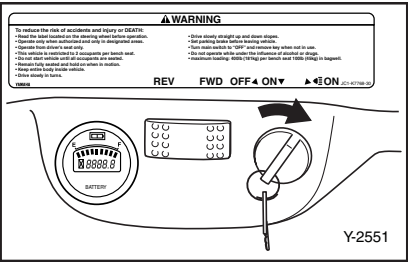
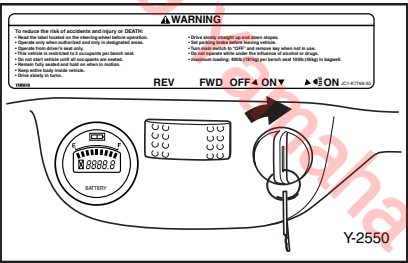
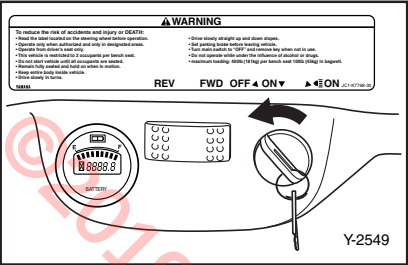


CONTROLS

The main switch controls the following items:

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

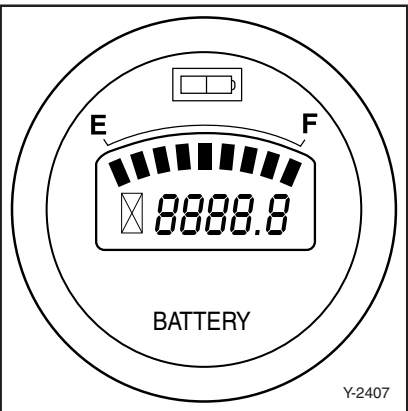
Electrical circuits are switched on.
The vehicle can be driven.



The functions for this position are the same as for the ON position; however, this position will activate the headlights and taillights.

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

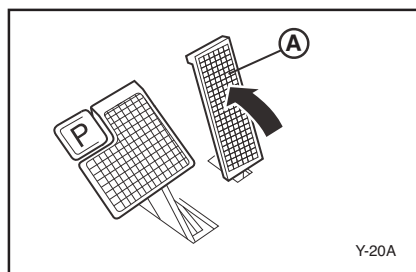
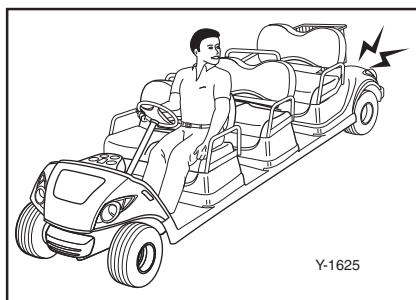
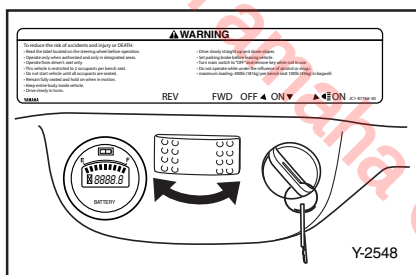
As the battery energy decreases, the LEDs will move to the left toward the “E.” When the LED light below the “E” is the only one lit, the batteries must be charged.



CONTROLS

Use the table to determine the remaining battery capacity. For example, if 7 of the 9 LED lights are lit, batteries still have approximately 47.4 volts left. When the batteries fall to 43.4 volts or less, 1 LED will blink on and off, meaning the batteries should be charged immediately.

BAR LEVEL	9	8	7	6	5	4	3	2	1	1 BLINK
VOLT	48.95	47.8	47.4	46.9	46.4	46.0	44.8	44.0	43.5	43.4 >



DRIVE SELECT SWITCH

The drive select switch is used to shift the six-passenger vehicle into forward or reverse. After coming to a complete stop, move the switch to the desired position.

Switch Position	Car Movement
FWD	FORWARD
REV	REVERSE

TIP

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

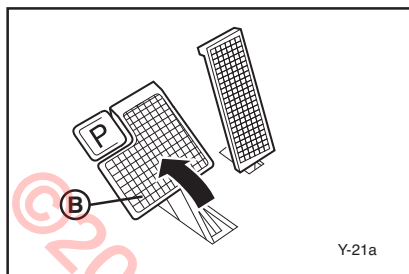
ACCELERATOR PEDAL

The accelerator pedal controls the vehicle's speed.

Action	Car Speed
Depress pedal	Increase
Release pedal	Decrease

Ⓐ Accelerator pedal

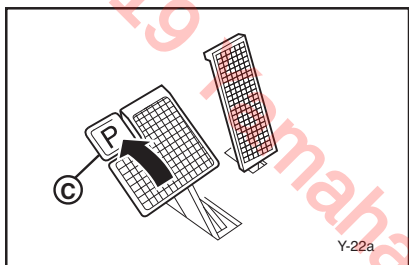
CONTROLS



BRAKE PEDAL

Press down on the brake pedal to stop the vehicle.

Ⓑ Brake pedal



PARKING BRAKE PEDAL

Press down on the parking brake pedal whenever parking the six-passenger vehicle.

Ⓒ Parking brake pedal

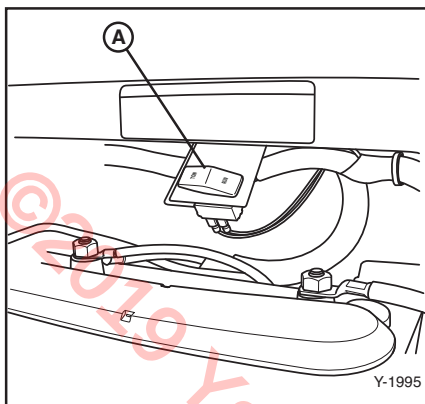
TIP

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

CONTROLS



TOW SWITCH

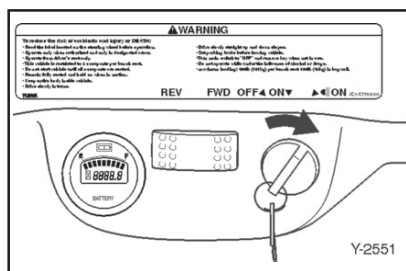
Before operating the six-passenger vehicle, make sure the tow switch is in the "RUN" position.

(A) Tow switch

NOTICE

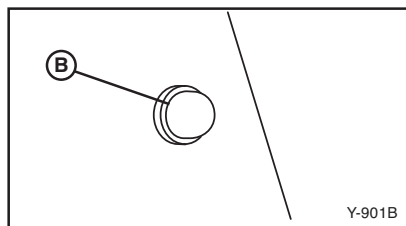
Ensure that the "Drive Select Switch" is in the "FWD" position and then move the "TOW Switch" to "TOW" before towing.

After moving switch from "RUN" to "TOW," wait 15 seconds minimum before switching again. Failure to do so may lead to drive system damage while towing.



HEADLIGHT/TAILLIGHT ON POSITION

Turn the main switch all the way to the right to the second ON position. This will activate the headlights and taillights.



HORN SWITCH

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

(B) Horn switch

TIP

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

PRE-OPERATION CHECKS

Pre-operation checks should be made each time you use your six-passenger 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.

PRE-OPERATION CHECKLIST

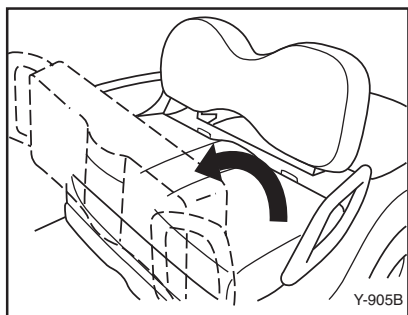
6

Before each use check the following:

- ✓ Batteries
- ✓ Tire condition
- ✓ Steering system
- ✓ Reverse alarm
- ✓ Pedal operation
- ✓ Body and chassis
- ✓ Headlight/taillight operation

SEAT

Open the seat for checking and servicing.



PRE-OPERATION CHECKS

BATTERIES

Charge batteries before each use. See charging steps in Chapter 8, *Maintenance*.

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

⚠ 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 batteries. **KEEP OUT OF REACH OF CHILDREN.**

TIRE CONDITION

Tire Air Pressure

Check the tire air pressure before operating the six-passenger vehicle.

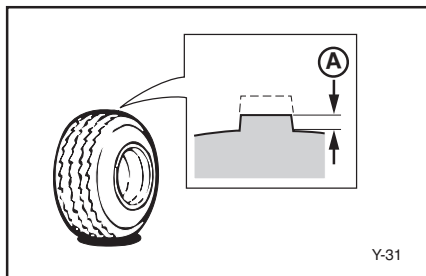
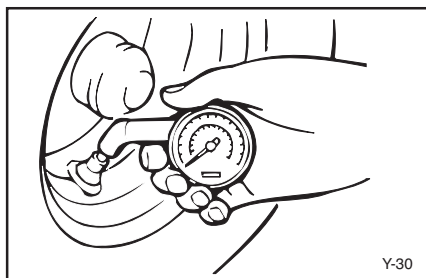
Tire pressure:

152 kPa, 1.5 kgf/cm² (22 psi)

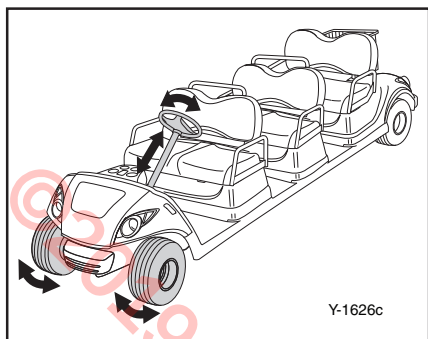
Tire Wear Limit

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

Ⓐ Wear limit



PRE-OPERATION CHECKS

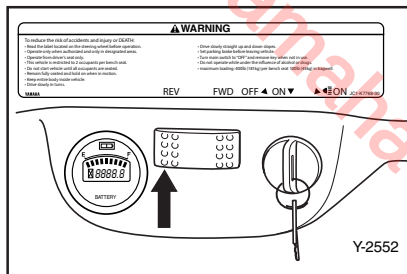


STEERING SYSTEM

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.

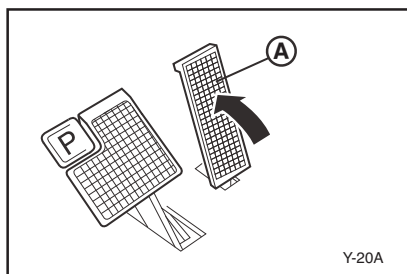


REVERSE ALARM

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

PEDAL OPERATION

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

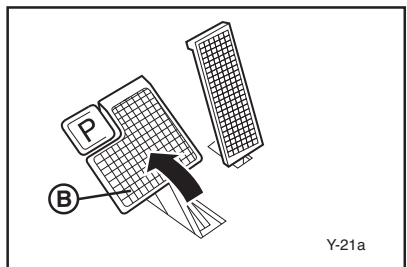


Accelerator Pedal

⚠ WARNING

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

Ⓐ Accelerator pedal

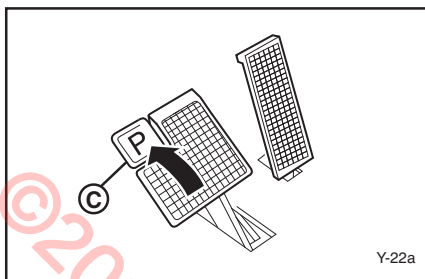


Brake Pedal

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

Ⓑ Brake pedal

PRE-OPERATION CHECKS



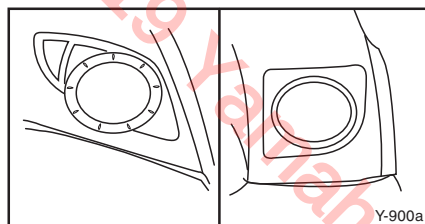
Parking Brake Pedal

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

© Parking brake pedal

TIP

Release the parking brake by depressing the accelerator pedal.

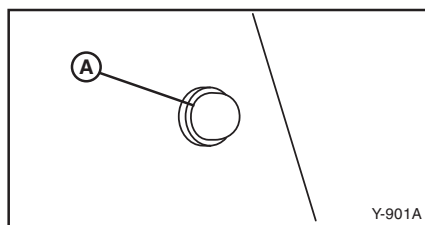


Headlights/Taillights

Ensure the headlights and taillights are operational.

⚠ WARNING

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



Horn Switch

Make sure the horn operates correctly.

A Horn switch

OPERATION

BODY AND CHASSIS

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

STARTING

1. With the parking brake applied, turn the drive select switch to “FWD” for forward, or “REV” for reverse.

NOTICE

Do not shift from “FWD” (forward) to “REV” (reverse) while the vehicle is moving. Transmission damage can result.

2. Turn the main switch to “ON.”

⚠ WARNING

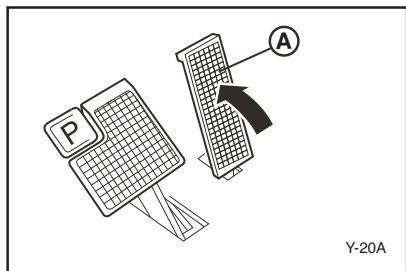
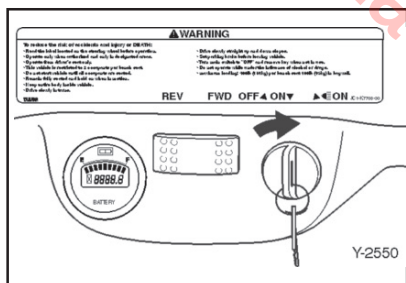
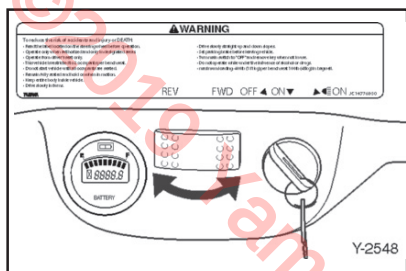
Do not depress the accelerator pedal when turning on the main switch or the vehicle may suddenly start moving. Death or serious personal injury can result from failing to comply with the safety instructions in this manual.

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.

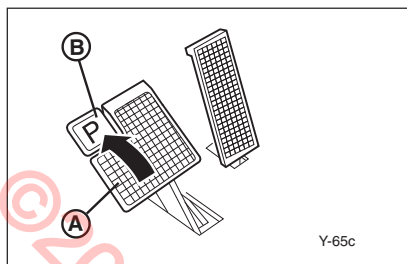
Ⓐ Accelerator pedal

TIP

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



OPERATION



STOPPING

To stop the six-passenger vehicle, gradually press down on the brake pedal.

Ⓐ Brake pedal

NOTICE

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

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

Ⓑ Parking brake pedal

MAINTENANCE

PERIODIC MAINTENANCE CHARTS

Regular maintenance is required for the best performance and safe operation of your six-passenger vehicle.

⚠ 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.

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

	Remarks	Daily Pre- Operation	40 rounds 20 hours 160 kms 100 miles (Every month)	250 rounds 125 hours 1000 kms 600 miles (Every 6 months)	500 rounds 250 hours 2000 kms 1200 miles (Every year)	1000 rounds 500 hours 4000 kms 2500 miles (Every 2 years)	2000 rounds 1000 hours 8000 kms 5000 miles (Every 4 years)	Page
PRE-OP	Charge	S	S	S	S	S	S	4-3/ 8-5/ 8-6
	Clean battery tops, check for tightness of hold-down screws and terminals	S	S	S	S	S	S	6-2
	Check brake pedal free play and adjust if necessary	C	CA	CA	CA	CA	CA	6-3/ 6-4/8-11
	Check steering operation	C	C	C	C	C	C	6-3
	Check tire pressure, tread depth, tire surface for damage	C	CA	CA	CA	CA	CA	6-2
	Check body and chassis for damage	C	C	C	C	C	C	6-4
	Check tightness of all bolts, nuts, screws and rivets	C	C	C	C	C	C	*
	Check reverse alarm operation	C	C	C	C	C	C	6-3
EVERY MONTH	Check electrolyte level		C	C	C	C	C	8-3 8-4
	Check for loose or broken connections		C	C	C	C	C	*
	Clean/Lube pedal control area		CL					*
EVERY 6 MONTHS	Check all wire insulation for cracks and/or worn spots			C	C	C	C	*
	Check shock absorbers for oil leaks and damaged springs			C	C	C	C	*

* 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.

MAINTENANCE

PERIODIC MAINTENANCE CHART (CONTINUED)

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

	Remarks	Daily Pre- Opera- tion	40 rounds 20 hours 160 kms 100 miles (Every month)	250 rounds 125 hours 1000 kms 600 miles (Every 6 months)	500 rounds 250 hours 2000 kms 1200 miles (Every year)	1000 rounds 500 hours 4000 kms 2500 miles (Every 2 years)	2000 rounds 1000 hours 8000 kms 5000 miles (Every 4 years)	Page
EVERY YEAR	Perform a discharge test				S	S	S	*
	Apply terminal protectant				S	S	S	*
	Check rear axle bearing play for roughness or free play				C	C	C	*
	Check steering knuckle bushing free play / Adjust wheel alignment				CA	CA	CA	*
	Check wheel nut tightness, front wheel bearing play				C	C	C	8-10/*
	Check transaxle oil level and inspect for leakage				C	C	C	8-9
	Check pedal stop operation and adjust if necessary				CA	CA	CA	*
EVERY 4 YEARS	Replace transaxle oil						R	*
	Inspect brake shoes and adjust or replace if necessary						CA	*

* 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.

MAINTENANCE

Battery Care

WARNING

Battery electrolyte is poisonous and dangerous, causing severe burns, etc. It contains sulfuric acid. Avoid contact with skin, eyes, or clothing.

Antidote:

EXTERNAL: Flush with water.

INTERNAL: Drink large quantities of water or milk. Follow with milk of magnesia, beaten egg, or vegetable oil. Call physician immediately.

EYES: Flush with water for 15 minutes and get prompt medical attention.

Batteries produce explosive gases. Keep sparks, flame, cigarettes, etc., away.

Ventilate when charging or using in enclosed space. Always shield eyes when working near batteries.

KEEP OUT OF REACH OF CHILDREN.

8

Six 8-volt deep-cycle batteries provide power for your vehicle and must be properly maintained and recharged for maximum performance and service life.

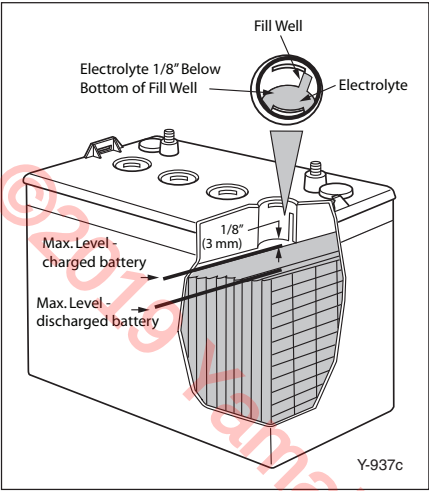
To maintain your batteries:

1. Clean the tops of the batteries with a solution of baking soda and water, as necessary, to remove corrosion.

NOTICE

Do not allow cleaning solution to enter battery cells. Serious battery damage can result.

MAINTENANCE



2. Check the fluid level before and after charging.

- **Before charging:** Only add distilled water if fluid is below the top of the plates, and then add just enough to cover plates.
- **After charging:** Open the vent caps and look inside the fill wells. Add distilled water until the electrolyte level is 3 mm (1/8") below the bottom of the fill well. A piece of rubber can be used safely as a dipstick to help determine this level. Clean, replace and tighten all vent caps.

NOTICE

Normal tap water contains minerals which are harmful to a battery; therefore, refill only with distilled water.

3. Using a hydrometer, check the specific gravity of the battery fluid in each cell against the readings on the chart below. Consult a Yamaha dealer if any low readings are found, or if readings vary more than one point between cells.

Temperature		Satisfactory Uncorrected Hydrometer Reading
°C	°F	
48.9	120	1.244
43.3	110	1.248
37.8	100	1.252
32.2	90	1.256
26.7	80	1.260
21.1	70	1.264
15.6	60	1.268
10.0	50	1.272
4.4	40	1.276
-1.1	30	1.280

MAINTENANCE

Battery Charging

⚠ WARNING

Read and understand the owner's manual provided with your vehicle's battery charger before charging batteries. Death or serious personal injury can result from failing to comply with the safety instructions in this manual.

⚠ WARNING

Explosive hydrogen gas is produced while batteries are being charged. Only charge batteries in well-ventilated areas (a minimum of five air changes per hour is recommended). Death or serious personal injury can result from failing to comply with the safety instructions in this manual.

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

NOTICE

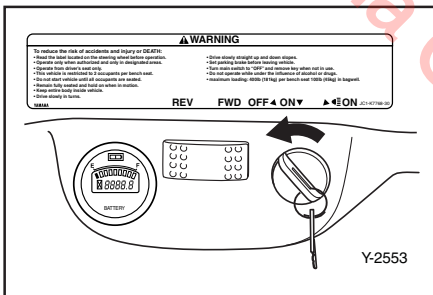
Do not attempt to recharge your vehicle's batteries without thoroughly reading and understanding the owner's manual provided with your charger.

1. Turn main switch key to "OFF" position.

NOTICE

Always put the tow switch in the TOW position before charging battery or damage to the electrical system may result.

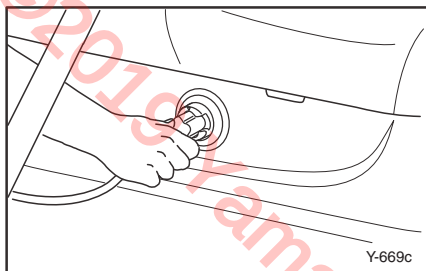
2. Lift up the seat and move the tow switch to the TOW position.



MAINTENANCE

NOTICE

Use only battery chargers that are rated for use with 48-volt Yamaha vehicles. Serious battery damage can result. Thoroughly read and understand the user manual supplied with your 48-volt charger.

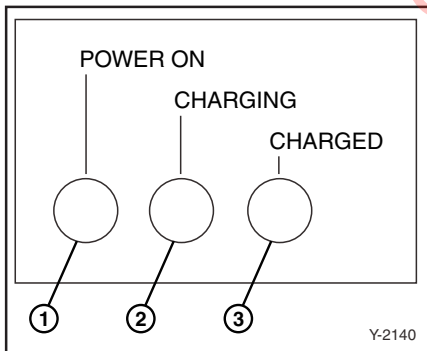


3. With the charger properly connected and grounded (see charger's owner's manual), insert the DC output into the DC charger receptacle.

⚠ WARNING

Do not disconnect the DC output cord from the DC charger receptacle when the charger is on or an arc could occur that may cause an explosion. Death or serious personal injury can result from failing to comply with the warning labels in this manual.

- ① Red Power ON LED
 - ② Yellow Charging LED
 - ③ Green Charged LED
4. When the charger is plugged into the AC power, the Power ON LED illuminates continuously.
 5. If any of the LEDs blink for several minutes after the charger is turned on, there is a problem with the batteries or the charger. Contact your Yamaha Dealer.
 6. During normal charging, the Charging LED continually illuminates.
 7. The Charged LED illuminates automatically when the batteries reach full charge.



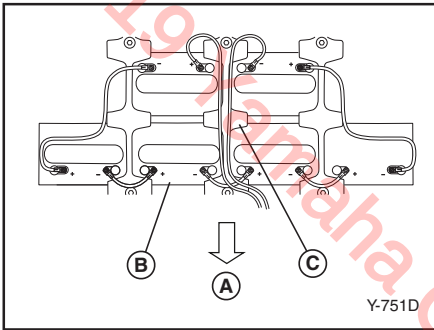
MAINTENANCE

8. After the Charged LED is illuminated, disconnect the DC output plug from the DC charger receptacle by grasping the plug body and pulling the plug straight out of the receptacle.

Battery Installation

⚠ WARNING

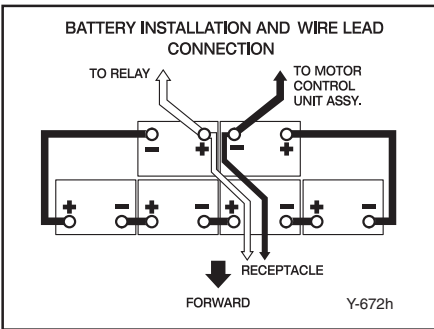
When working with batteries, do not put wrenches or other metal objects across the battery terminals. An arc can occur causing explosion of the battery.



1. Install the battery hold-down plates and torque to 7-9 Nm, 0.7-0.9 m•kg (62-80 in•lb) as shown.

- (A) Forward
- (B) Battery
- (C) Battery hold-down plate

2. Connect the wire leads and torque to 9-10 Nm, 0.9-1.0 m•kg (80-89 in•lb) as shown.



⚠ WARNING

When installing batteries:

- Carefully place battery cables and hold-downs making sure that cables do not lay across vent caps.
- Always remove the negative (-) cable to the motor controller first and install it last.

MAINTENANCE

NOTICE

Do not over-tighten the battery holddown nuts. Excessive force will damage the battery casing.

Fuse Replacement

⚠ WARNING

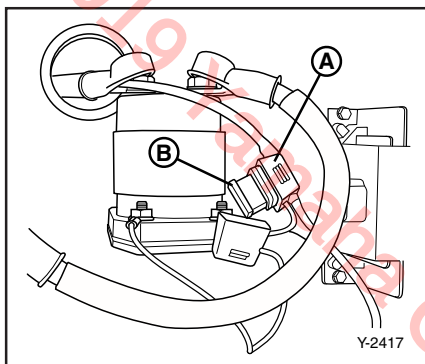
Be sure to use the specified fuse. Using a wrong fuse can cause electrical system damage and create a fire hazard. Death or serious personal injury can result from failing to comply with the safety instructions in this manual.

NOTICE

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

1. Locate the in-line fuse holder on the main wire harness adjacent to the tow switch.
2. Pull fuse holder cover off.
3. Pull fuse out, inspect and replace if necessary.

- (A) Fuse holder
- (B) Fuse



8

Fuse Type:
10 Amp, Blade Style

MAINTENANCE

Transaxle Oil

To check transaxle oil level:

1. Place the golf car on a flat, level surface.
2. Remove seven plastic rivets ① and two bolts ②, and remove the bag holder insert ③.
3. Place an oil pan under the transaxle case.
4. Clean the area around the oil level plug ④ and then remove the plug.

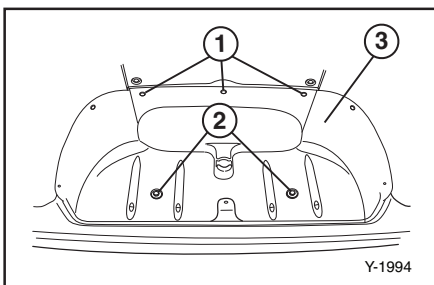
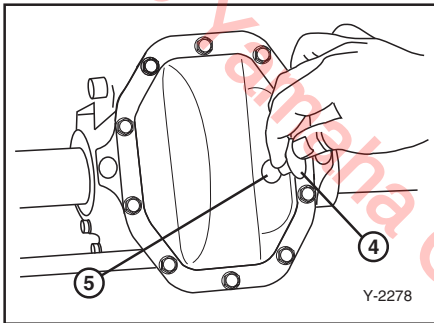
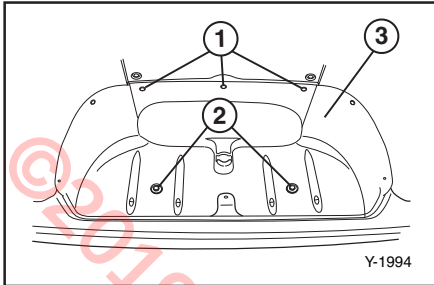
NOTICE

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

5. The oil level should be right at the bottom of the oil level plug hole ⑤ or just starting to flow out of the hole.
6. If needed, add SAE 90 gear oil until it starts to flow from the oil level plug hole.
7. Allow excess gear oil to flow out of the hole until it stops.
8. Install the oil level plug.
9. Install the bag holder insert ③ and secure with two bolts ② and seven plastic rivets ①.

TIP

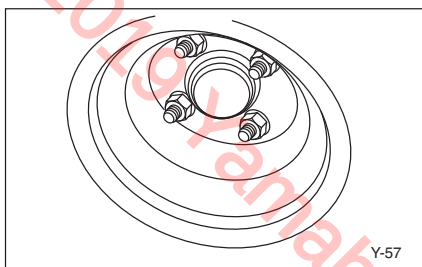
For transaxle oil replacement, consult a Yamaha dealer or other qualified mechanic.



MAINTENANCE

NOTICE

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.



Wheel Replacement

To remove and install a wheel on your six-passenger vehicle:

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

Wheel nut tightening torque:
80 Nm, 8.0 m·kg (58 ft·lb)

Brake Adjustment

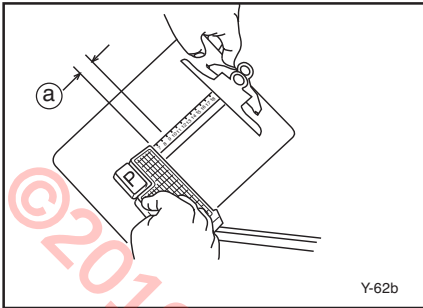
The brakes on your vehicle are self-adjusting.

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 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 safety instructions in this manual.

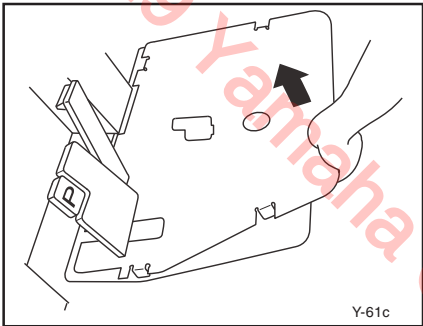
MAINTENANCE



Brake Pedal Free Play Adjustment

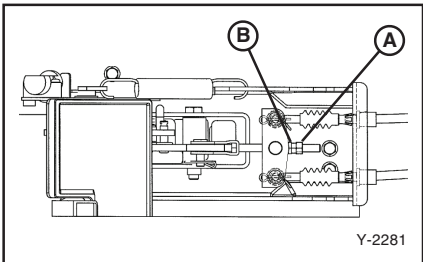
Check the brake pedal free play by pressing against the pedal with two fingers (using light force) and measuring the distance the pedal travels before resistance is felt.

Brake pedal free play (a):
20-25 mm (0.79-0.98 in.)



To adjust the brake pedal free play:

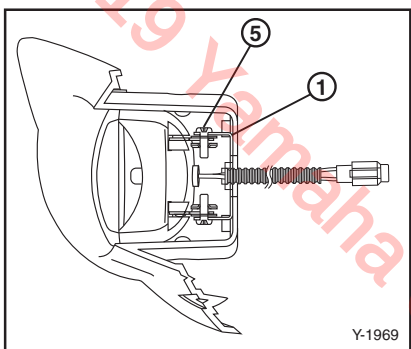
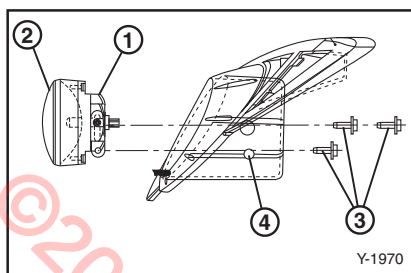
1. Remove the floor mat and service lid from the floor of the vehicle.
2. If the free play distance needs adjusting, loosen the lock nut (A) and turn the adjusting nut (B) in or out until the free play specification is met. Then tighten the lock nut in place.



⚠ WARNING

Do not over-tighten the brake cables. Over-tightening will increase brake wear and affect 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.

MAINTENANCE



Replacing a Headlight Bulb

If the headlight burns out replace it as follows:

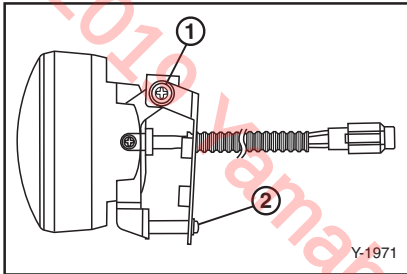
1. Remove the bulb holder ① and bulb ② by removing the three screws ③ located on the back of the bezel ④.
2. Disconnect the wire connectors from the bulb.
3. Remove the two screws ⑤ located on the side of the bulb holder ① to gain access to the headlight bulb ②.
4. Insert a new bulb ② into the bulb holder ① and secure with the two bulb holder screws ⑤. Torque to 3 ~ 4.5 Nm, 0.3 ~ 0.45 m•kg (27 ~ 40 in•lb).
5. Reattach the bulb holder ① to the bezel ④ and torque to 3 ~ 4.5 Nm, 0.3 ~ 0.45 m•kg (27 ~ 40 in•lb).

MAINTENANCE

Adjusting a Headlight

NOTICE

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



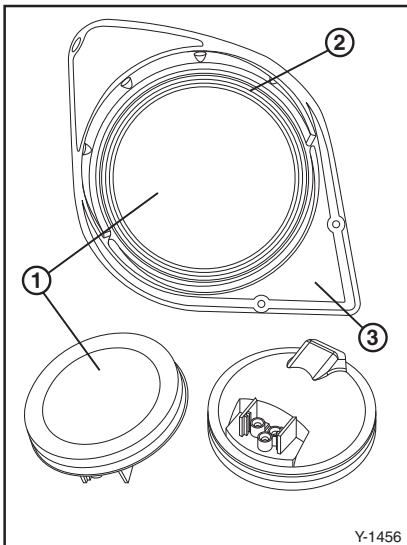
1. Loosen the two screws ① for the headlight bulb bracket. Do not remove the screws, just loosen them.

TIP

The screws can be accessed from under the fender through the access holes on the sides of the headlight bezel.

2. Using a Phillips head screwdriver, turn the adjusting screw ②. Turning the screw clockwise will lower the beam and turning the screw counterclockwise will raise the beam.
3. Once the correct adjustment has been made, tighten the screws ① to 3 ~ 4.5 Nm, 0.3 ~ 0.45 m•kg (27 ~ 40 in•lb).

Replacing a Taillight Bulb



1. If a taillight bulb burns out, replace the bulb assembly ① by removing the rubber grommet ② from the bezel assembly ③.
2. Remove the wire connector, replace the bulb, and reinstall by fitting the rubber grommet ② over the bulb assembly ① and bezel ③.

STORAGE

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

TIP

Turn main switch key to "OFF" position, remove key and store key in a safe place.

CHASSIS PREPARATION

1. Verify the tire pressure is set to 152 kPa, 1.5 kgf/cm² (22 psi).
2. Clean exterior of the six-passenger vehicle and apply a rust inhibitor.
3. Cover the vehicle with a breathable cover and store it in a dry, well-ventilated area.

BATTERY PREPARATION

1. Remove the batteries from the vehicle and store them in a cool, dry place that stays between 0°C (32°F) and 30°C (90°F).
2. Have the batteries recharged every 60-90 days to keep them fully charged. The batteries must be kept fully charged to avoid damage.
3. Batteries like the one supplied with your vehicle normally do not require you to check the water level inside the battery for the one-year warranty period provided by the manufacturer.

NOTICE

Do not allow cleaning solution to enter battery cells. Serious battery damage can result.

4. Clean the top of the batteries with a solution of baking soda and water, as necessary, to remove corrosion.

SPECIFICATIONS

GENERAL SPECIFICATIONS

Items	6-passenger Electric
Dimensions: Overall length Overall width Overall height (steering height) Seat height Wheelbase Tread: Front Rear Minimum ground clearance	4092 mm (161.1 in.) 1201 mm (47.3 in.) 1198 mm (47.2 in.) 1100 mm (43.3 in.) 3337 mm (131.38 in.) 870 mm (34.3 in.) 980 mm (38.6 in.) 124 mm (4.9 in.)
Weight: Dry weight (without battery)	395 kg (871 lb)
Vibration Level: Vibration on seat (EN 1032, ISO5008) for Europe Vibration on steering wheel (EN1032, ISO5008) (for Europe)	Will not exceed 0.5 m/s ² Will not exceed 2.5 m/s ²
Performance: Factory speed setting Maximum speed Minimum turning radius Seating capacity	19 km/h (12 mph) 22.5-25.8 km/h (14-16 mph) 5.83 m (19 ft) Six persons

SPECIFICATIONS

TRANSMISSION

Items	6-passenger Electric
Differential/reduction gear	Secondary reduction system helical gear Secondary reduction ratio: Forward 11.34:1; Reverse 15.25:1 Differential type bevel gear Lubricant/capacity SAE 90 gear oil/355 cc (355 mL, 0.38 US qt)

BATTERIES

Items	6-passenger Electric
Battery	Trojan - Golf Car Type T-875 (6x8volt) RC: minimum 117 min

PAINT CODES

Name	Ditzler Number
Glacier	918519
Emerald	48748
Tanzanite	917834
Sandstone Metallic	918523
Moonstone Metallic	5939 (ColorRite)
Onyx Metallic	918520
Jasper Metallic	5949 (ColorRite)

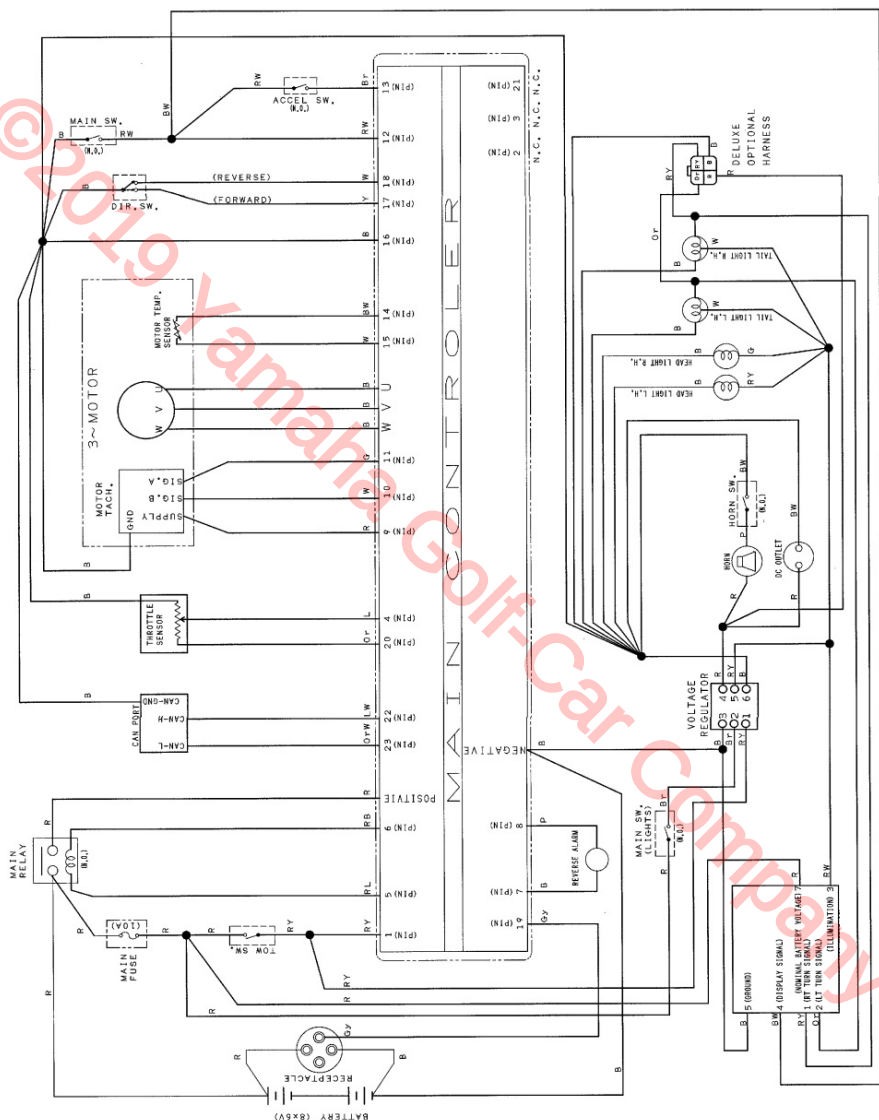
SPECIFICATIONS

CHASSIS

Items	6-passenger Electric
Steering system: Type Steering angle (L.H.) Steering angle (R.H.)	Rack and Pinion 1.85 turn 1.85 turn
Brakes: Brake system Type of brake Brake pedal freeplay linkage adjustment (Brake cable end play)	Mechanical drum brake on each rear wheel with self-adjusters Dual internal expanding shoe Leading/trailing shoes (self-adjusting) 20-25 mm (0.79-0.98 in.) 0.004-0.02 in. (0.1-0.5 mm)
Parking brake: Type	Foot type; parking brake with automatic release
Release timing (With pedal segment in second notch) (Bolt heads round parallel to arm)	0.0 ~ 0.3 mm (0.000 ~ 0.001 in.)
Wheel: Tire size: Front & rear Rim size: Tire pressure:	205/65-10 6 PR 10.0-I-6.0 152 kPa, 1.5 kgf/cm ² (22 psi)
Lights: Bulb voltage, wattage x quantity: Headlight Taillight	12 V, 30 W / 30 W x 2 Sealed beam x 2

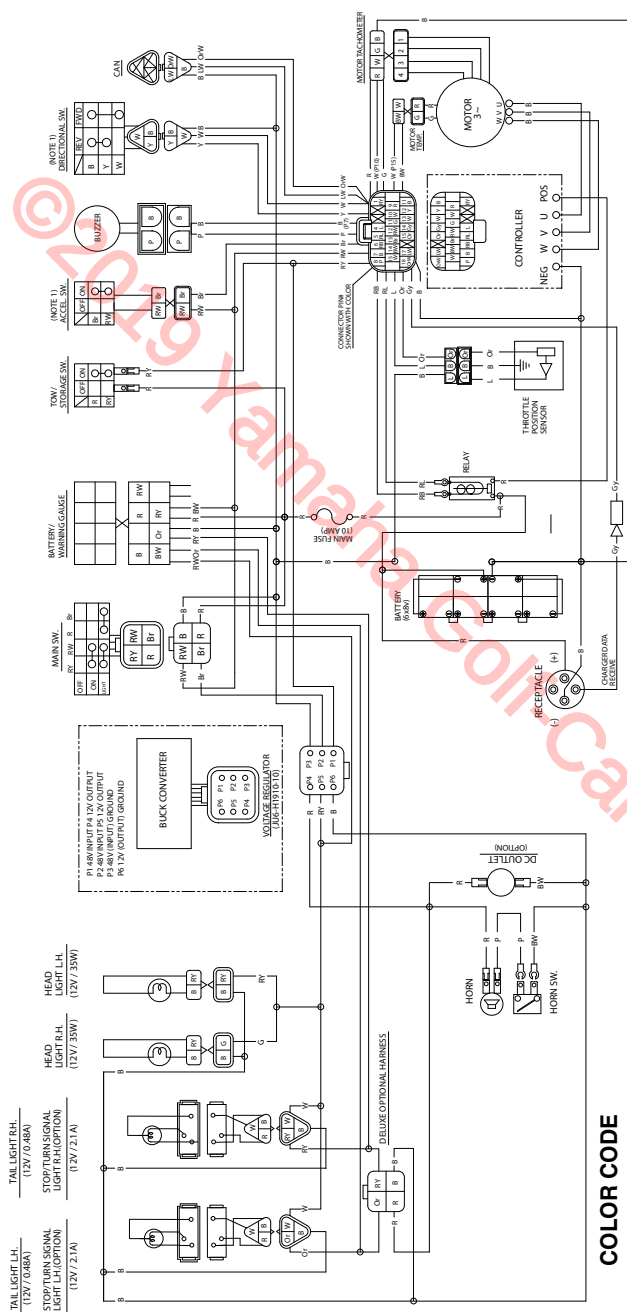
WIRING

WIRING DIAGRAM



WIRING DIAGRAM

WIRING



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NOTES

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