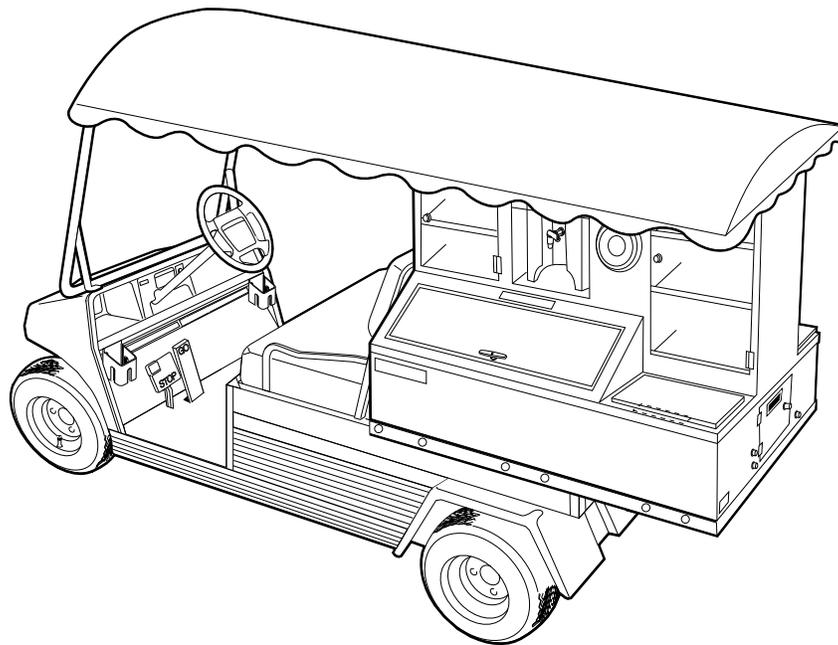




2008 Cafe Express Vehicle Owner's Manual

Gasoline



NOTICE

Vehicle warranty information appears on the last pages of this manual. No other warranties, express or implied, are contained herein. Your authorized representative checked the vehicle before it was delivered to you and will provide you a copy of the completed vehicle warranty registration form.

Club Car is not liable for errors in this manual or for incidental or consequential damages that result from the use of the material in this manual.

This manual contains proprietary information that is protected by copyright. All rights are reserved. No part of this manual may be photocopied, reproduced, or translated to another language without the written consent of Club Car, Inc.

The information contained in this document is subject to change without notice.

Club Car reserves the right to make design changes to vehicles without obligation to make these changes on units previously sold.

A vehicle safety video is provided with the vehicle. Have all operators view the safety video, and understand the safety warnings it illustrates, before operating the vehicle. If a safety video was not provided with your Cafe Express vehicle, you may obtain one through your service parts representative.

These vehicles do not conform to Federal Motor Vehicle Safety Standards for automobiles or to FMVSS 500 for low-speed vehicles, and are not equipped for operation on public streets, roads, or highways.



**P.O. Box 204658
Augusta, Georgia 30917-4658 USA
Telephone 706-863-3000
Service Parts Fax 706-855-7413
www.clubcar.com**

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This manual effective August 1, 2007

FOREWORD

Thank you for choosing Club Car, the name most widely recognized as the industry leader in vehicle efficiency and long-lasting value. You have chosen the finest utility vehicle on the market. Please protect your investment and ensure that your Club Car vehicle(s) provides years of reliable, superior performance by reading and following the maintenance instructions in this manual.

Your comfort and safety are important to us, so we urge you to read and follow the step-by-step operating instructions and safety procedures in this manual. These instructions must be followed in order to avoid the risk of severe personal injury. If you rent or loan your vehicle to others, we recommend that you ask them to read this manual before they operate the vehicle.

Club Car products are backed by a customer support system designed to offer you fast, courteous service. In the event your Club Car vehicle needs repairs or service, please contact your local authorized Club Car dealer or distributor; he will be able to provide technical advice, perform warranty work, and sell parts and service manuals.

For the name and address of the authorized Club Car dealer or distributor nearest you, logon to our web site at www.clubcar.com or call 1-800-ClubCar (258-2227). If you would prefer to write to us, direct your letter to: Club Car, Attention: Marketing Services, P.O. Box 204658, Augusta, Georgia 30917-4658 USA.

We hope you will consider this owner's manual a permanent part of your Club Car vehicle. If you sell the vehicle, please include the manual so that the next owner will have the important operating, safety, and maintenance information it contains.

REGULAR MAINTENANCE ITEMS	PERIODIC MAINTENANCE ITEMS
Engine Oil Filter (286 cc and 351 cc) CCI P/N 1016467	Battery (gasoline vehicle) CCI P/N 1012328
Engine Air Filter (286 cc and 351 cc) CCI P/N 1015426	Spark Plug O.H.V. (286 cc and 351 cc) CCI P/N 101881101
Engine Fuel Filter (286 cc and 351cc) CCI P/N 102003201	Spring Tune-Up Kit CCI P/N 101611003
Battery Terminal Protector Spray CCI P/N 1014305	Dry Moly Lube CCI P/N 1012151

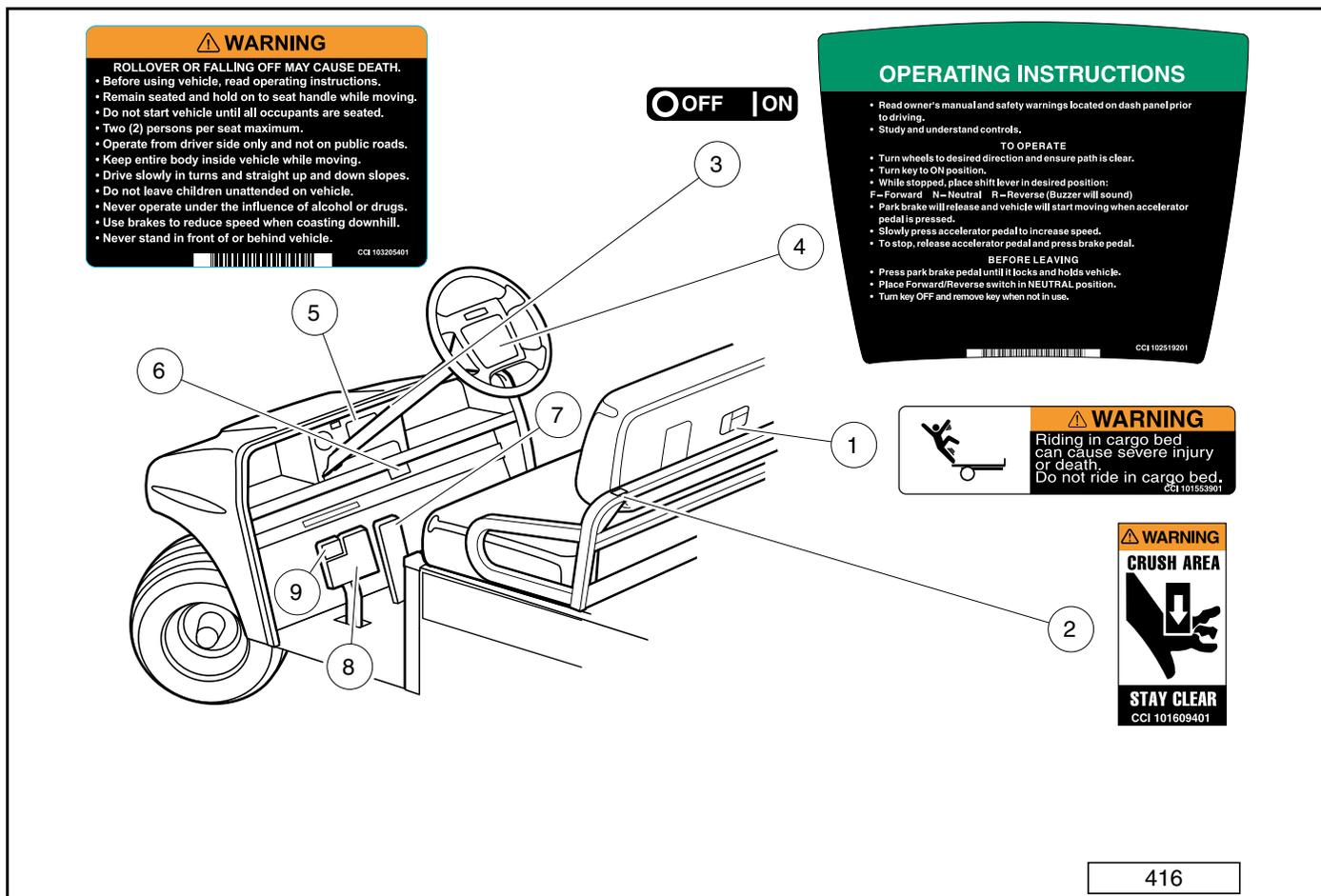
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SAFETY DECAL AND FEATURE IDENTIFICATION

The following pages contain safety decal and feature identification information. For detailed information on specific features, read the appropriate section in this manual.

CAFE EXPRESS CHASSIS



416					
1	101553901	Decal, Bed Loading Warning (on cargo bed or seat back)	6		Serial Number
2	101609401	Decal, Crush Area Warning (behind seat, near cargo bed)	7		Accelerator Pedal
3	101825101	Decal, On/Off Key Switch (above key switch)	8		Brake Pedal
4	102519201	Decal, Operating Instructions (on steering wheel)	9		Park Brake Pedal
5	103205401	Decal, Rollover Warning (on instrument panel)			

CAFE EXPRESS CHASSIS

WARNING
GASOLINE EXPLOSION / FIRE.
 • Can cause severe injury or death.
 • No smoking, sparks, or open flame.
 • Stop engine, allow to cool before refueling.
 • Turn fuel valve (→) on during operation.
 (←) off during storage or transport.
CCI 101547601

WARNING
CAN CAUSE SEVERE BURNS
Hot Surface
CCI 102458901

WARNING
CAN CAUSE SEVERE INJURY
Rotating parts
HOT manifold & muffler
KEEP CLEAR
CCI 101960501

NOTICE
MAXIMUM TONGUE WEIGHT - 150 lbs.
CCI 1011553

Maintenance Operate

○

WARNING
VEHICLE MOVEMENT MAY CAUSE SERIOUS INJURY
 When switch is in Maintenance position, chock wheels and firmly set park brake.
CCI 103205501

L
A
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WARNING
Crush area. Can cause severe injury.
Stay clear when closing bed.
CCI 102459301

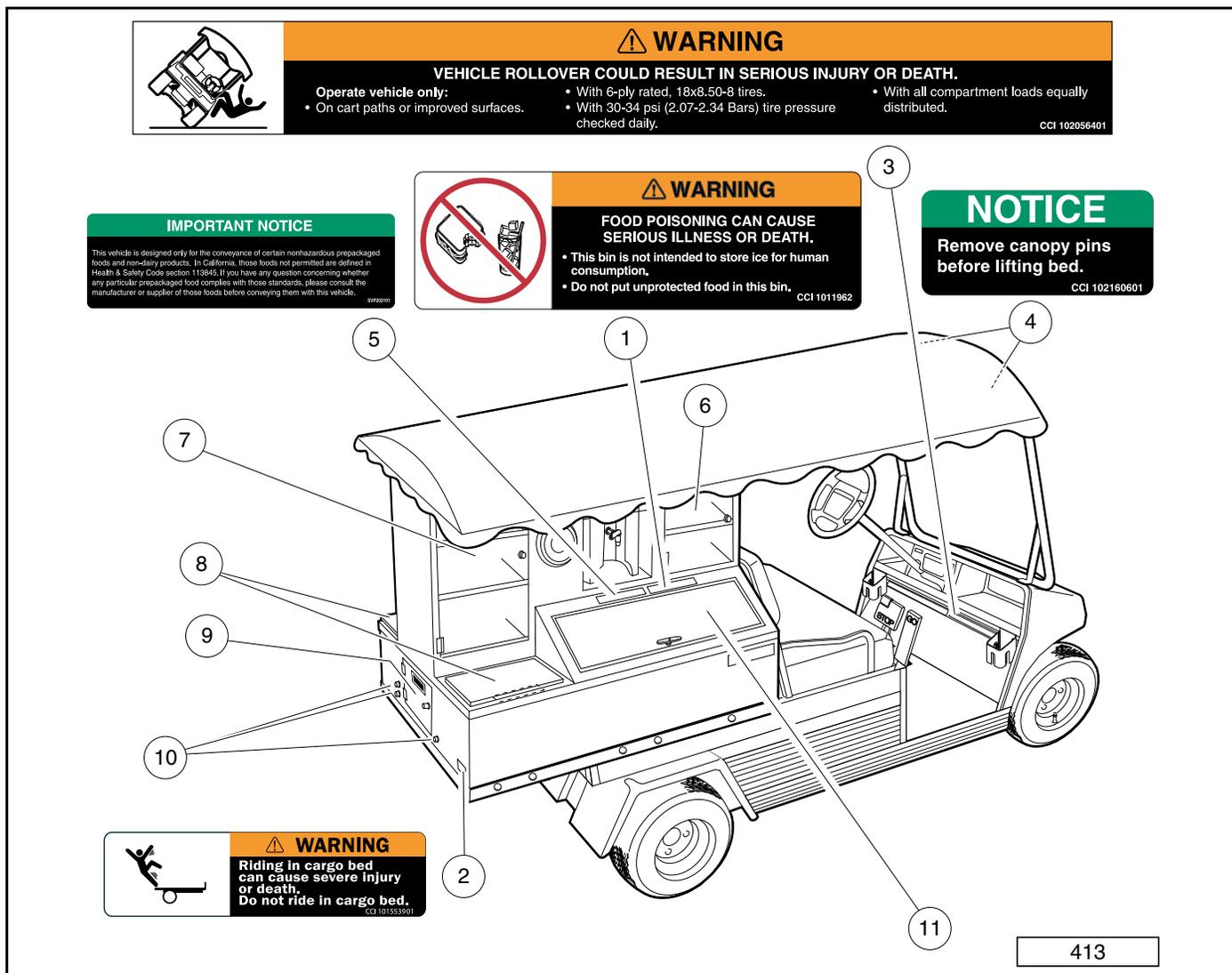
WARNING
 Negative frame ground. Can cause severe injury. Do not contact positive (+) battery post or cable to frame. Disconnect negative battery lead first.
CCI 101915201

WARNING
 Excessive speed. Can cause severe injury or death. Do not tamper with engine governor adjustment.
CCI 101915201

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1	1011553	Decal, Trailer Hitch Tongue Weight Notice (on trailer/receiver hitch)	6	102459301	Decal, Bed Latch Warning (on vehicle body, below bed latch)
2	101547601	Decal, Gasoline Fuel Warning (at fuel fill or on frame, near fuel tank)	7	103205501	Decal, Maintenance/Operate Warning (on Maintenance/Operate switch plate, under seat)
3	101915201	Decal, Frame Ground/Governor Warning (on vehicle frame near battery)	8	103210201	Decal, Forward/Reverse (on instrument panel)
4	101960501	Decal, Rotating Parts/Hot Manifold Warning (on engine, starter/generator, and transaxle)	9		Choke
5	102458901	Decal, Hot Surface Warning (on bed seal)	10		Bed Latch

CAFE EXPRESS REFRESHMENT CENTER



1	1011962	Decal, Food Safety Warning (on each side of refreshment unit)	7		Dry Snack Compartment
2	101553901	Decal, Bed Loading Warning (on cargo bed or seat back)	8		Consumable Ice Compartments
3	102056401	Decal, Beverage Unit Rollover Warning (under instrument panel)	9		Trash Compartment
4	102160601	Decal, Pin Removal Warning (on frame next to pins)	10		Drain Holes (3) (valves inside trash compartment)
5	SVP203101	Decal, Proper Use Notice (on each side of refreshment unit)	11		Cold Storage Compartment
6		Dry Snack Compartment			

CAFE EXPRESS REFRESHMENT CENTER

CONSUMABLE ICE COMPARTMENT 102175901

⚠ WARNING

VEHICLE ROLLOVER COULD RESULT IN SERIOUS INJURY OR DEATH.

Operate vehicle only:

- On cart paths or improved surfaces.
- With 6-ply, 18x8.50x8 tires.
- With 30-34 psi tire pressure checked daily.
- With all compartment loads equally distributed.

CCI 101940101

VEHICLE LOADING

Read owner's manual, supplement, and warnings on vehicle.

- Vehicle rated capacity - 850 lbs. (385.6 kg) on level surface only. Weight to include driver, passenger, and total cargo load.
- Maximum cargo load - 450 lbs. (204.1 kg). Weight to include total cargo load in ALL storage locations.
- Avoid top heavy loads.

- Cargo should be evenly distributed in the beverage unit, as far forward as possible, and secured.
- For vehicle stability, when fully loaded, drive slowly and avoid stopping on or backing down steep hills.
- When driving on uneven terrain or down steep hills, reduce speed and load.

CCI 102278901

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1	101940101	Decal, Beverage Unit Rollover Warning (on each side of refreshment unit)	3	102278901	Decal, Vehicle Loading (under instrument panel)
2	102175901	Decal, Consumable Ice			

PRACTICE SAFETY



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Figure 1 Practice Safety

Safety signs like you see above may at first seem shocking, but their impact is mild compared with the reality of severe personal injury.

Your safety and satisfaction are of the utmost importance to us. That is why before operating the vehicle, we urge you to review the information in this manual. Understand and become familiar with the DANGER, WARNING, and CAUTION statements and procedures it contains, along with the safety decals that are affixed to your vehicle.

Take time to understand the language of safety. It is a language that can save your life.

PROPOSITION 65 – STATE OF CALIFORNIA

▲ WARNING

- This product contains or emits chemicals or substances that have been determined by the state of California to cause cancer and birth defects or other reproductive harm.

SAFETY DETAILS

WARNING

- This manual should be read completely before attempting to drive or service the vehicle. The safety video provided with the Cafe Express vehicle should also be viewed by all operators of the vehicle. Failure to heed the warnings or follow the instructions in this manual and the safety video could result in severe personal injury or death.

It is important to note that some vital statements throughout this manual and on the decals affixed to the vehicle are preceded by the words DANGER, WARNING, or CAUTION. For your protection, we recommend that you take special notice of these safety precautions. Safety precautions are essential and must be followed.

If any of the operation or safety decals on the vehicle become damaged, have been removed, or cannot be easily read, they should be replaced immediately to avoid possible property damage, personal injury, or death. Contact your distributor/dealer.

DANGER

- A DANGER indicates an immediate hazard that will result in severe personal injury or death.

WARNING

- A WARNING indicates an immediate hazard that could result in severe personal injury or death.

CAUTION

- A CAUTION with the safety alert symbol indicates a hazard or unsafe practice that could result in minor personal injury.

CAUTION

- A CAUTION without the safety alert symbol indicates a potentially hazardous situation that could result in property damage.

GENERAL WARNINGS

The following safety statements must be heeded whenever the vehicle is being operated, repaired, or serviced. **See Safety Decal and Feature Identification on page 4.** Other specific safety statements appear throughout this manual and on the vehicle.

DANGER

- **Battery – Explosive gases! Do not smoke. Keep sparks and flames away from the vehicle and service area. Ventilate when charging or operating vehicle in an enclosed area. Wear a full face shield and rubber gloves when working on or near batteries.**
- **Gasoline – Flammable! Explosive! Do not smoke. Keep sparks and flames away from the vehicle and service area. Service only in a well-ventilated area.**
- **Do not operate engine in an enclosed area without proper ventilation. The engine produces carbon monoxide, which is an odorless, deadly poison.**

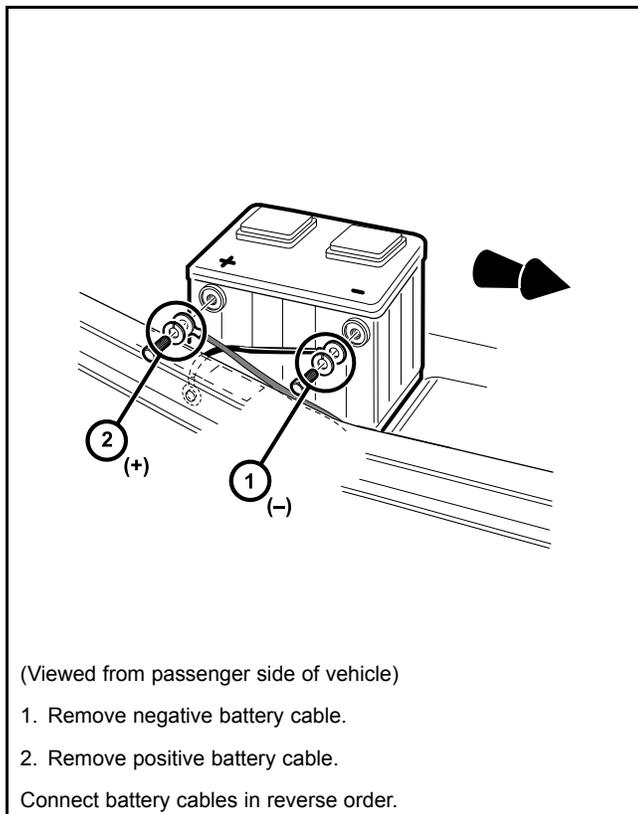
DANGER CONTINUED ON NEXT PAGE

DANGER

- The vehicle will not provide protection from lightning, flying objects, or other storm-related hazards. If caught in a storm while driving a Club Car vehicle, exit the vehicle and seek shelter in accordance with applicable safety guidelines for your location.

WARNING

- Follow the procedures exactly as stated in this manual, and heed all **DANGER**, **WARNING**, and **CAUTION** statements in this manual as well as those on the vehicle and battery charger.
- Do not leave children unattended on vehicle.
- Prior to leaving the vehicle unattended or servicing the vehicle, set the park brake, place the Forward/Reverse handle or switch in the **NEUTRAL** position, turn the key switch to the **OFF** position, and remove the key. Chock the wheels when servicing the vehicle.
- Improper use of the vehicle or failure to properly maintain it could result in decreased vehicle performance, severe personal injury, or death.
- Any modification or change to the vehicle that affects the stability or handling of the vehicle, or increases maximum vehicle speed beyond factory specifications, could result in severe personal injury or death.
- Check the vehicle for proper location of all vehicle safety and operation decals and make sure they are in place and are easy to read.
- For vehicles with cargo beds, remove all cargo before raising the bed or servicing the vehicle. If the vehicle is equipped with a prop rod, ensure that it is securely engaged while bed is raised. Do not close bed until all persons are clear of cargo bed area. Keep hands clear of all crush areas. Do not drop cargo bed; lower gently and keep entire body clear. Failure to heed this warning could result in severe personal injury or death.
- Only trained technicians should service or repair the vehicle or battery charger. Anyone doing even simple repairs or service should have knowledge and experience in electrical and mechanical repair. The appropriate instructions must be used when performing maintenance, service, or accessory installation.
- To avoid unintentionally starting the vehicle:
 - Disconnect battery cables, negative (–) cable first (Figure 2).
 - Disconnect the spark plug wire from the spark plug.
- Frame ground – Do not allow tools or other metal objects to contact frame when disconnecting battery cables or other electrical wiring. Do not allow a positive wire to touch the vehicle frame, engine, or any other metal component.
- Wear safety glasses or approved eye protection when servicing the vehicle or battery charger. Wear a full face shield and rubber gloves when working on or near batteries.
- Do not wear loose clothing or jewelry such as rings, watches, chains, etc., when servicing the vehicle or battery charger.
- Use insulated tools when working near batteries or electrical connections. Use extreme caution to avoid shorting of components or wiring.



1

Figure 2 Gasoline Vehicle

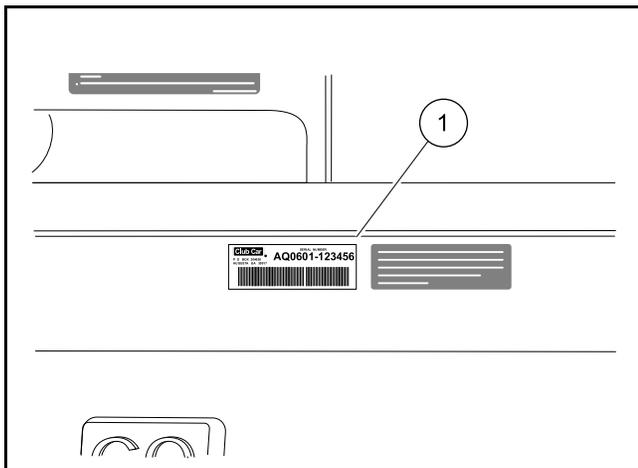
GENERAL INFORMATION

Throughout this manual, important vehicle features are highlighted. We urge the owner/operator to read and understand this manual, and to pay special attention to the features specific to their vehicle.

MODEL IDENTIFICATION

The serial number of the vehicle is printed on a bar code decal (1) mounted on the frame directly above the accelerator pedal (Example: EG0601-123456) (**Figure 3**). There is also a second serial number decal mounted on the front body frame behind the center dash panel. The center dash panel must be removed to view this decal. **See following NOTE.**

NOTE: Have the vehicle serial number available when ordering parts or making inquiries.



3

Figure 3 Serial Number Decal

CONTROLS AND INDICATORS

See General Warnings on page 10.

⚠ WARNING

- Before allowing anyone to drive the vehicle, make sure the driver is familiar with all controls and operating procedures.
- Do not shift the Forward/Reverse handle or switch while the vehicle is in motion. To avoid injury to an unsuspecting passenger or damage to the vehicle, always bring the vehicle to a full stop before shifting the handle or switch.
- Release the accelerator pedal and then press the brake pedal firmly until the vehicle stops. To avoid unintentionally starting or rolling the vehicle, set the park brake, place the Forward/Reverse handle or switch in the NEUTRAL position, turn the key switch to the OFF position, and remove the key when leaving the vehicle.
- Gasoline vehicles only: Do not tamper with the governor. Doing so will void the warranty, as well as damage the engine and other components, and could result in property damage, personal injury, or death due to unsafe speeds.

KEY SWITCH

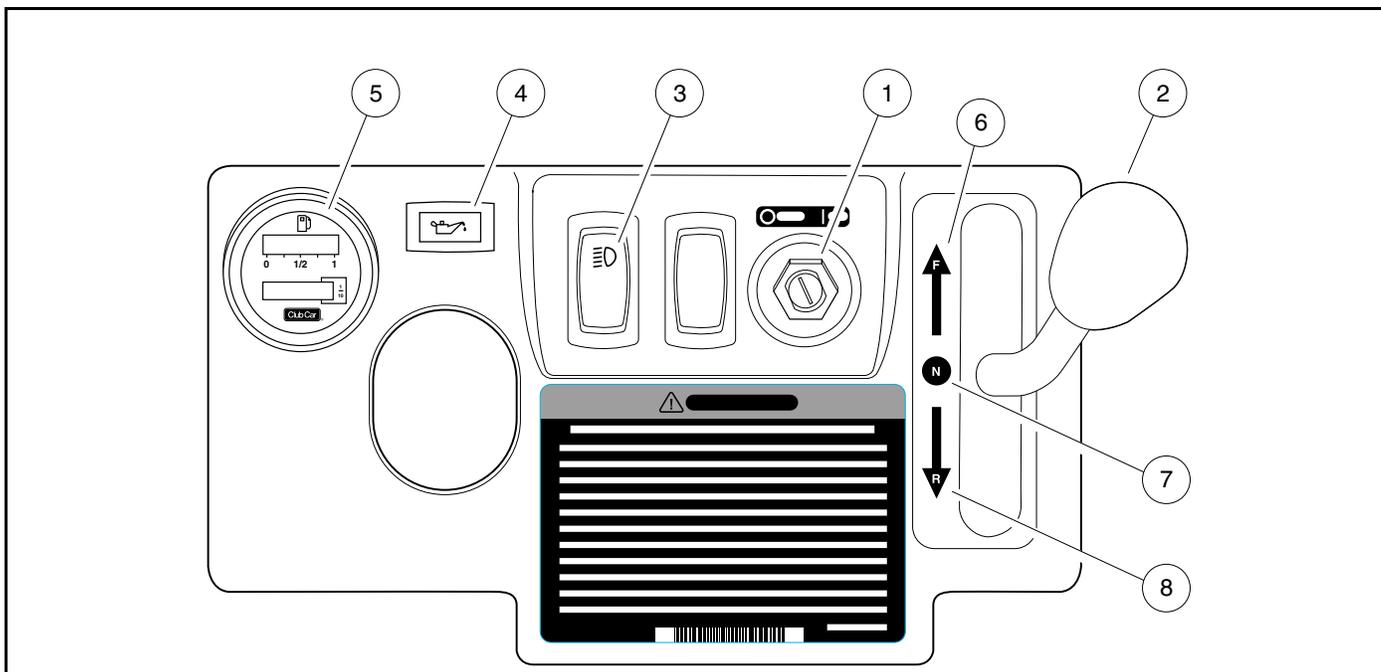
The key switch (1) is mounted on the dash to the right of the steering column (**Figure 4**). The key switch has two positions, OFF and ON, which are clearly labeled.

NOTE: The key can be removed only when the key switch is in the OFF position.

FORWARD/REVERSE CONTROL

Gasoline Vehicles

The Forward/Reverse handle (2) is located on the right-hand side of the instrument panel (**Figure 4**). The handle has three distinct positions: **F** (FORWARD), **N** (NEUTRAL), and **R** (REVERSE). Push the handle up to operate the vehicle in the forward direction, or pull the handle down to operate the vehicle in reverse. Club Car vehicles operate at reduced speed in reverse. The reverse buzzer will sound as a warning when the Forward/Reverse handle is in the REVERSE position. The engine will not run when the handle is in the NEUTRAL position.



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Figure 4 Instrument Panel – Gasoline Vehicles

HEADLIGHT CONTROL

Vehicles with Headlights

The headlight switch (3) is located on the instrument panel to the right of the steering column (**Figure 4**). Press the side of the switch with the headlight symbol to turn the headlights on and press the other side to turn the headlights off.

NOTE: Gasoline vehicles: Using the headlights for extended periods of time without the engine running, or with the engine idling will discharge the battery.

LOW OIL WARNING LIGHT

The gasoline vehicle is equipped with a low oil warning light (4), located on the instrument panel just above the steering column (**Figure 4**). If the warning light comes on, oil should be checked and added to the engine as necessary before continuing to use the vehicle. The vehicle should never be driven when the low oil warning light remains on. If the warning light goes on and off, the vehicle may be driven, but oil should be added at the first opportunity. If the oil level is correct and the warning light stays on, have a trained technician check the vehicle.

CAUTION

- Failure to add oil immediately when the low oil warning light stays on may result in permanent engine damage.

FUEL GAUGE/HOUR METER

The gasoline vehicle is equipped with a fuel gauge/hour meter (5), located on the instrument panel (**Figure 4**). The fuel gauge allows the operator to monitor the fuel level in the vehicle. The hour meter should be used by the trained technician to track vehicle usage and determine when periodic service procedures are required. **See Periodic Service Schedule on page 30.**

ACCELERATOR PEDAL

The accelerator pedal is the pedal on the right, with the word GO molded into it (**Figure 5**). The operation of the accelerator pedal differs from that of an automobile:

When the key switch is in the ON position, and the Forward/Reverse handle or switch is in either the FORWARD or REVERSE position, pressing the accelerator pedal will automatically release the park brake and start the vehicle moving in the direction selected (forward or reverse). When the accelerator is released, power will be cut off and the motor or engine will stop running.



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Figure 5 Accelerator and Brake Pedals

BRAKE PEDAL

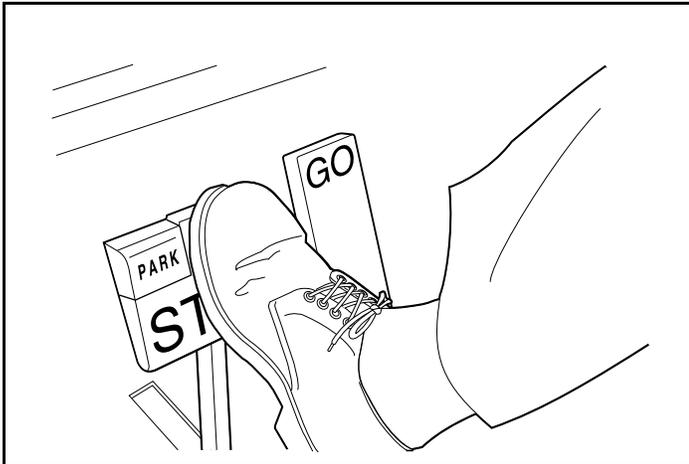
The brake pedal is the large pedal on the left with the word STOP molded into it (**Figure 5**). To slow or stop the vehicle, press the brake pedal with your right foot (**Figure 6**).

PARK BRAKE PEDAL

The park brake pedal is the small raised portion in the upper left corner of the brake pedal. It has the word PARK molded into it and the words PARK BRAKE marked on top of it (**Figure 5**). To set the park brake, press the brake pedal firmly and tilt the park brake portion of the pedal forward with your foot (**Figure 7**). See following **WARNING**.

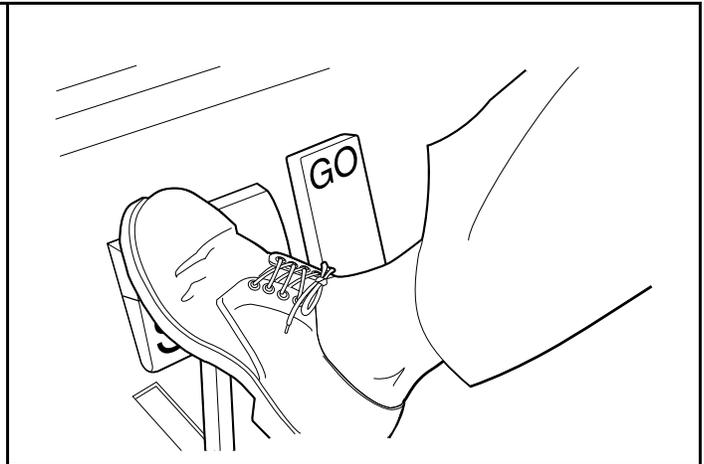
▲ WARNING

- The park brake will release automatically when either the accelerator or brake pedal is pressed. The park brake has multiple locking positions and should be firmly pressed and locked to prevent the vehicle from rolling.



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Figure 6 Brake Pedal

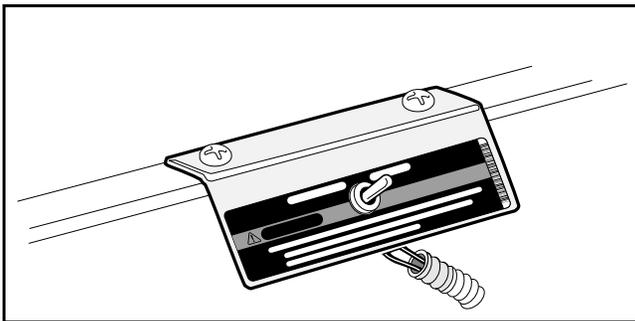


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Figure 7 Park Brake

NEUTRAL LOCKOUT

Gasoline Vehicles Only



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Figure 8 Neutral Lockout Switch

For the convenience of the trained technician, there is a neutral lockout switch located on the seat support panel under the seat (**Figure 8**). The neutral lockout switch has two positions, MAINTENANCE and OPERATE, which are clearly marked.

- When the switch is in the MAINTENANCE position, it will allow the technician to run the engine in the NEUTRAL position to perform certain maintenance and/or repair functions. With the switch in this position, the vehicle will not operate if the Forward/Reverse handle is placed in either the FORWARD or REVERSE position.

⚠ WARNING

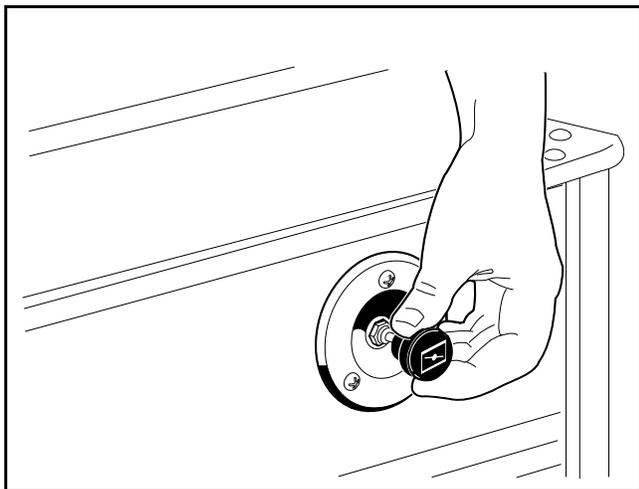
- **With the switch in the MAINTENANCE position and the engine running, the vehicle may move suddenly if the Forward/Reverse handle is shifted or accidentally bumped. To prevent this, chock the front and rear wheels and firmly set the park brake before servicing or leaving the vehicle.**

NOTE: Be sure to return the switch to the OPERATE position after servicing the vehicle, or it will not run with the Forward/Reverse handle in either the FORWARD or REVERSE position.

CHOKE

The choke is located on the seat support panel below and to the left of the driver's left knee. If the vehicle is hard to start in cool or cold temperatures, activate the choke:

- Pull out the choke cable. Hold choke cable out during start-up and release it after the engine starts and runs smoothly (**Figure 9**).



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Figure 9 Cable Choke

PRE-OPERATION AND DAILY SAFETY CHECKLIST

Each Club Car vehicle has been thoroughly inspected and adjusted at the factory; however, upon receiving your new vehicle(s), you should become familiar with its controls, indicators, and operation. Carefully inspect each vehicle to ensure that it is in proper working condition before accepting delivery.

Use the following checklist as a guide to inspect the vehicle. This list should be used daily and in conjunction with the Performance Inspection on page 18 and the Periodic Service Schedule on page 30 to ensure that the vehicle is in proper working condition. Any problems should be corrected by a Club Car distributor/dealer or a trained technician.

Do not operate the vehicle until the upper cabinet, canopy, and windshield have been installed. **See Cafe Express Refreshment Center Installation on page 42.**

- **Safety Video:** Have all operators view the safety video that was provided with the vehicle and understand the safety warnings it illustrates before operating the vehicle.
- **General:** All the parts should be in place and properly installed. Be sure that all nuts, bolts, and screws are tight. On gasoline vehicles, check all hose clamps for tight fit as well as the starter belt for tightness.
- **Windshield:** Ensure that the windshield is installed before driving the vehicle.
- **Safety and information decals:** Check to ensure that all safety and information decals are in place. **See Safety Decal and Feature Identification on page 4.**
- **Tires:** Check for proper tire pressure upon delivery and on a daily basis when the vehicle is in service. **See Tires on page 19.**
- **Loading:** Before driving the vehicle, ensure that the load weight is evenly distributed in the Cafe Express refreshment center. Also, make sure the drain valves are open if the refreshment center is loaded with ice.
- **Battery:** Check electrolyte to ensure that it is at its proper level (**Figure 16**). Check battery posts. Wires should be tight and free of corrosion.
- **Engine:** Check for proper engine oil level. **See Engine Oil on page 34.**
- **Fuel:** Check fuel level. **See Fueling Instructions on page 36.** Check fuel tank, lines, cap, pump, fuel filters, and carburetor for fuel leakage on a daily basis.
- **Exhaust system:** Check for leaks.

WARNING

- **Be sure the plastic has been removed from the seat bottom before operating the vehicle. Failure to do so may result in a fire, property damage, personal injury, or death.**
- **Performance Inspection:** Inspect as instructed. **See Performance Inspection on page 18.**

PERFORMANCE INSPECTION

After you have familiarized yourself with the vehicle controls and have read and understood the driving instructions, take the vehicle for a test drive. Use the following list, in addition to the Pre-Operation and Daily Safety Checklist on page 18, as a guide to inspect the vehicle daily for proper operation. Any problems should be corrected by a Club Car distributor/dealer or a trained technician.

- **Governor:** Check maximum speed of the vehicle. The vehicle should operate at 14 mph (23 km/h) or less on a level surface. With the neutral lockout in the SERVICE position, check the engine RPM with a tachometer. The correct setting for safe operation is 3050 ± 30.
- **Forward/Reverse control:** Check for proper operation. **See Controls and Indicators on page 13.**

- **Brakes:** Be sure the brakes function properly. When the brake pedal is fully pressed under moderate pressure, it should not go more than halfway to the floor, and the vehicle should come to a smooth, straight stop. If the brake pedal goes more than halfway to the floor, or if the vehicle swerves or fails to stop, have the brake system checked and adjusted as required. Brake adjustment must be maintained so that the brake pedal cannot be pressed to the floor under any circumstance.
- **Park brake:** When latched, the park brake should lock the wheels and hold the vehicle stationary (on an incline of 20% or less). It should release when either the accelerator or brake pedal is pressed.
- **Reverse buzzer:** The reverse buzzer should sound as a warning when the Forward/Reverse handle or switch is in the REVERSE position.
- **Steering:** The vehicle should be easy to steer and should not have any play in the steering wheel.
- **General:** Listen for any unusual noises such as squeaks or rattles. Check the vehicle ride and performance. Have a Club Car distributor/dealer or a trained technician investigate anything unusual.
- **Accelerator pedal:** With the key switch in the ON position and the Forward/Reverse handle in the FORWARD position, as the accelerator pedal is pressed, the engine should start and the vehicle should accelerate smoothly to full speed. When the pedal is released it should return to the original position and the engine should stop. Club Car vehicles operate at reduced speed in reverse.

VEHICLE OPERATION

STABILITY

To maintain proper stability, the Cafe Express vehicle must not be driven over curbs, or on steep slopes, fairways, or extremely uneven terrain.

▲ WARNING

- **Driving the vehicle over curbs, or on steep slopes, fairways, or extremely uneven terrain could cause vehicle rollover, resulting in serious injury or death.**

ENGINE SPEED

A Club Car vehicle with a Cafe Express refreshment center installed must have a maximum engine RPM of 3050 ± 30. This is necessary to limit maximum level ground travel speed to 14 mph (23 km/h) or less.

▲ WARNING

- **Excessive speed can result in vehicle rollover. Engine RPM must be maintained at the specified setting.**

TIRES

SPECIFICATIONS	CAFE EXPRESS VEHICLE
Tires	18 x 8.50 x 8 6-ply
Tire pressure	30-34 psi (2.07-2.34 Bars)

WARNING

- All Cafe Express vehicles must be equipped with 18 x 8.50 x 8 6-ply rated tires on all four wheels. Never install oversized tires on the vehicle. Oversized tires can increase the vehicle's maximum travel speed. Oversized tires can also raise the vehicle's center of gravity, reducing the vehicle stability.
- Never install tires that are rated below 6-ply on the vehicle. Less than 6-ply rated tires may not have sufficient side wall strength to adequately support the vehicle.
- Correct tire pressure is essential. Low air pressure will reduce vehicle travel speed and result in weakened tire sidewall strength. Tires with weakened sidewall strength will not adequately support the vehicle when making sharp turns.
- Tire pressure must be checked daily and adjusted as required on a regular basis.

WINDSHIELD

The Cafe Express vehicle is often driven in the opposite direction of play. This exposes the driver to the hazard of flying golf balls.

WARNING

- A Club Car vehicle with a Cafe Express refreshment center installed must be equipped with the one-piece windshield supplied with this kit to reduce the hazard of flying golf balls.

WATER DRAIN VALVES

The three drain valves, located in the trash compartment of the base unit, are used to drain the ice compartments. **See following WARNING.**

- The valve on the passenger side of the base unit drains the passenger side consumable ice compartment.
- The valve on the driver side of the base unit, nearest the rear of the vehicle, drains the driver side consumable ice compartment.
- The valve on the driver side of the base unit, toward the front of the vehicle, drains the cold storage compartment.

WARNING

- All three drain valves must always be open while the Cafe Express refreshment center vehicle is in service. Leaving them closed will allow water from melting ice to collect in storage and beverage compartments. This water level will increase over time and the shifting weight of the water, when making turns, can cause reduced vehicle stability.

DRIVING INSTRUCTIONS

▲ WARNING

- Only licensed drivers should be allowed to drive the vehicle.
- Before allowing anyone to drive the vehicle, make sure the driver is familiar with all controls and operating procedures.
- No more than two people should be on the vehicle at one time.
- Do not allow riders in the cargo bed.
- The vehicle is not specially equipped for handicapped persons:
 - Be sure all persons can properly operate the vehicle prior to allowing them to drive the vehicle.
 - Be sure all passengers are capable of securing themselves in a vehicle before allowing them to ride in one.
- For night use, the vehicle must be equipped with headlights, taillights, and reflectors.
- Stop the vehicle before shifting the Forward/Reverse handle or switch. Failure to do so may result in injury to inattentive passengers and (or) damage to the vehicle.
- Do not leave children unattended on vehicle.
- To help avoid being struck, do not stand in front of or behind the vehicle.
- Operate the vehicle from the driver seat only.
- To help prevent falls from the vehicle, remain seated in a moving vehicle and hold on to hand holds or handrails at all times. Driver should keep both hands on the steering wheel when the vehicle is in motion.
- To help prevent the possibility of serious injury, keep entire body inside the vehicle.
- To help prevent overturning the vehicle, drive slowly in turns.
- To help prevent overturning the vehicle, drive slowly straight up and down slopes. Avoid driving the vehicle on slopes exceeding 20% incline.
- Avoid stopping a loaded vehicle on a hill. If a loaded vehicle must be stopped on a hill, avoid sudden starts or rolling backwards and stopping suddenly. Failure to heed this warning could result in overturning the vehicle.
- To help avoid possible injury to inattentive passengers and (or) damage to the vehicle, avoid sudden starts, sudden stops, and abrupt turns.
- To help avoid the possibility of losing control of or overturning the vehicle, reduce speed for adverse driving conditions such as wet grass or rough terrain.
- Do not use the vehicle on public roads. It is neither designed nor intended for street use and should not be licensed for use on public roads.
- The vehicle should be driven in only specified areas by trained drivers.
- Do not drive while under the influence of alcohol, drugs, or medications.
- Use brakes to reduce speed when coasting downhill.

No one should drive the vehicle without first being instructed in the proper operation and use of the vehicle's controls. An experienced operator should accompany each first-time driver on a test drive before allowing them to operate the vehicle alone.

To ensure safe operation of the vehicle, follow exactly and in order, all of the following procedures. Read and understand all instructions prior to driving the vehicle.

STARTING THE VEHICLE

1. Make sure load is secure.

2. Make sure everyone is seated and holding onto hand holds or handrails. Driver should have both hands on the steering wheel.
3. Make sure wheels are turned in desired direction and that nothing is obstructing vehicle's path.
4. **Start the vehicle:**
 - 4.1. Turn the key to the ON position.
 - 4.2. Select direction by placing the Forward/Reverse handle or switch in the desired position (F = forward or R = reverse). A buzzer will sound as a warning when the Forward/Reverse handle or switch is in the REVERSE position.
 - 4.3. Slowly press the accelerator pedal. The park brake will release automatically and the vehicle will start to move. As the accelerator pedal is pressed, speed will increase until full speed is reached. **See following WARNING and NOTE.**

WARNING

- Operator must control vehicle speed when going downhill.
- Do not shift the vehicle out of FORWARD while going downhill. If you do you will not be able to shift into REVERSE or back into FORWARD until stopped.
- Press the brake pedal as necessary and partially press the accelerator when descending a hill. With the accelerator pedal partially pressed, the governor will cause the engine to assist the brakes in controlling downhill speed.

NOTE: If the Forward/Reverse handle or switch is shifted into the **NEUTRAL** position, power will be cut off and the engine will stop running.

STOPPING THE VEHICLE

WARNING

- Driving through water may affect the brakes. After driving through water, check effectiveness of the brakes by gently pressing the brake pedal. If the vehicle does not slow down at the normal rate, continue to press the brake pedal until the brakes dry out and normal performance returns.

CAUTION

- When stopped on a hill, use the brake pedal to hold your position. Do not use the accelerator pedal to hold position.

To stop vehicle, release the accelerator pedal and press the brake pedal until vehicle comes to a complete stop.

PARKING AND LEAVING THE VEHICLE

1. After coming to a complete stop, firmly press the park brake pedal until it locks. This will prevent the vehicle from rolling.
2. Turn the key switch to the OFF position and place the Forward/Reverse handle or switch in the NEUTRAL position. Remove the key when the vehicle is not in use.
 - Turn the fuel shut-off valve (1) (**Figure 12**) or (**Figure 13**) to the closed (OFF) position when the vehicle is not in use.

BED LATCH

CAUTION

- The canopy frame must be disconnected from the top of the windshield frame before raising the bed. Failure to do so will result in vehicle or canopy damage.

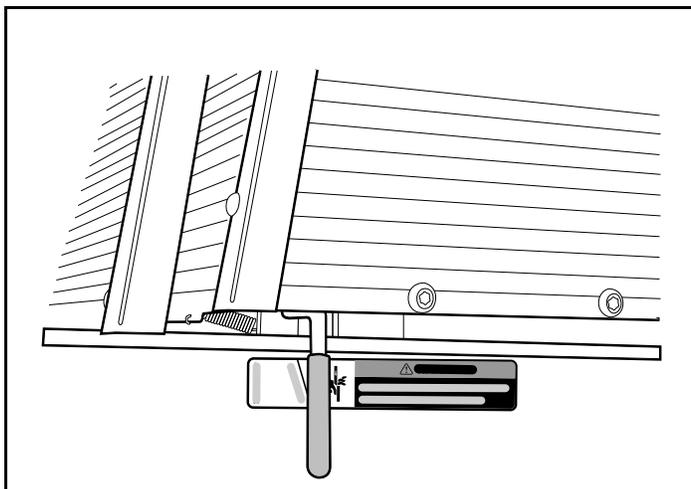
The vehicle is equipped with a bed latch on the driver side of the vehicle (**Figure 10**). To lift the bed, remove canopy pins, then pull the latch handle toward the rear of the vehicle and lift the bed.

To close the bed, lower it gently until the bed latch engages. DO NOT drop the bed. Connect the canopy frame to the top of the windshield frame by installing the canopy pins.

⚠ WARNING

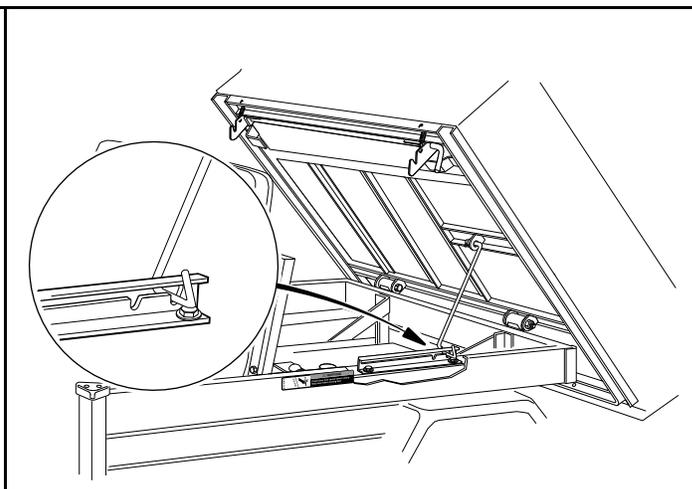
- Keep hands and fingers clear of crush area between the bed and the seat back support.
- Unload the refreshment center before lifting the bed.

NOTE: The vehicle is equipped with an automatically engaging prop rod (**Figure 11**), unless equipped with the hydraulic or electric bed lift option.



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Figure 10 Bed Latch



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Figure 11 Prop Rod

PROP ROD

See General Warnings on page 10.

CAUTION

- The canopy frame must be disconnected from the top of the windshield frame before raising the bed. Failure to do so will result in vehicle or canopy damage.

The vehicle is equipped with an automatically engaging prop rod and prop rod track on the driver side of the rear body (**Figure 11**). Remove canopy pins before lifting bed. When pulling the bed latch handle and lifting the bed, the prop rod will come to rest in one of the notches in the prop rod track.

DANGER

- Use caution when working under bed. Be sure prop rod is secure. Otherwise the bed will fall, resulting in severe personal injury or death.

WARNING

- Do not disengage prop rod until all persons are clear of refreshment center bed area.
- Do not drop tilt bed; lower gently and keep entire body clear. Failure to follow these instructions could result in severe injury.
- Keep hands clear of crush area between bed and seat back support.

To lower the bed, lift the bed so that the prop rod is no longer supported in one of the track notches. Push the prop rod toward the front of the vehicle to free it from the track notch and gently lower the bed. DO NOT drop the bed. Connect the canopy frame to the top of the windshield frame by installing the canopy pins.

LOADING AND UNLOADING

WARNING

- Firmly engage the park brake before loading the vehicle.
- Do not allow riders on the refreshment center.
- Do not exceed the rated capacity of the vehicle. Rated capacity is for level surfaces only.
- Overloading can affect vehicle handling or cause component failure, resulting in loss of control of vehicle and possible severe personal injury.
- Reduce vehicle load and speed when driving up or down slopes or on uneven terrain.
- Reduce speed and avoid sudden stops when backing up. Failure to do so may cause the vehicle to overturn or flip over backwards.
- Avoid stopping on a hill when loaded. If you must stop on a hill, avoid sudden starts, or rolling backwards and stopping suddenly. Failure to heed this warning may cause vehicle to overturn, possibly resulting in severe personal injury.
- To help avoid shifting the vehicle load and possibly overturning the vehicle, avoid sudden starts, sudden stops, and abrupt turns.
- The cargo's center of gravity may affect the handling, steering, and braking of the vehicle. When the vehicle is loaded, reduce speed and drive slowly in turns.
- To help prevent cargo from shifting and possibly injuring a passenger or affecting the vehicle's handling, make sure cargo is well secured.
- Unload refreshment center before raising vehicle with a lift, hoist, or jack.
- Avoid stopping on a hill when loaded. If you must stop on a hill, avoid sudden starts, or rolling backwards and stopping suddenly. Failure to heed this warning may cause vehicle to overturn, possibly resulting in severe personal injury.
- Reduce speed and avoid sudden stops when backing up. Failure to do so may cause the vehicle to overturn or flip over backwards.

When stocking the Cafe Express refreshment center, make sure the load weights are approximately equal in all lower (cold storage) compartments containing ice and/or beverages.

▲ WARNING

- An unevenly distributed load can cause vehicle instability.

See the following chart for vehicle capacities.

	Cafe Express
Maximum payload capacity (refreshment center load)	425 lb. (193 kg)
Maximum vehicle capacity (refreshment center load, plus driver and passenger)	825 lb. (374 kg)

Maximum payload capacity must be reduced accordingly when any option or accessory is installed on the vehicle. **See following NOTE.**

NOTE: For example, a standard vehicle with an accessory weighing 235 lb. (107 kg) must reduce its maximum payload capacity by 235 lb. (107 kg).

REFRESHMENT CENTER**REFRESHMENT CENTER COMPARTMENTS****Cold Storage Compartments**

The cold storage compartments are designed to carry canned beverages and cooling ice. Pre-packaged cold sandwiches and snacks can also be served from these compartments. We recommend they be kept on the snack shelves, or in a plastic container if placed directly on the ice, so that food will remain dry.

Pre-cooling the canned beverages will minimize the amount of ice required to keep the product cool. Maintaining ice in the cold storage compartments when they are not in service will help to maintain a colder temperature when the unit is put back into service.

▲ WARNING

- Do not use the cold storage compartments to store unprotected food, or ice that is intended for human consumption. Failure to heed this warning could result in food poisoning.

Consumable Ice Compartments

The consumable ice compartments, located in the rear driver and passenger sides of the Cafe Express refreshment center should be used for consumable ice only. In order to prevent contamination of consumable ice, do not place food in these compartments. Consumable ice should not be stored in any other compartment of the Cafe Express refreshment center.

Trash Compartment

The trash compartment is located in the rear of the base unit. The trash bin should be lined with a disposable plastic bag to maintain cleanliness. This compartment should not be used for storing or transporting consumable ice, drinks, or food.

TOWING WITH THE VEHICLE

The Cafe Express vehicle must not be used to tow trailers or other vehicles.

TRANSPORTING ON A TRAILER

▲ WARNING

- Turn the fuel shut-off valve (1) (Figure 12) or (Figure 13) to the closed (OFF) position.
- Do not allow riders in the trailer being towed.
- Avoid sudden starts, sudden stops, and tight turns when towing.
- Avoid stopping on a hill when towing. If you must stop on a hill, avoid sudden starts or rolling backwards and stopping suddenly. Failure to heed this warning could cause the vehicle to overturn, possibly resulting in severe personal injury.
- For use on public roads, the trailer must meet all federal, state, and local requirements such as taillights, brake lights, etc.
- Reduce normal driving speed when transporting a Club Car vehicle on a trailer.
- Do not tow a Club Car vehicle behind a passenger vehicle or truck on a public road unless it is on an approved trailer.
- The vehicle to be transported should be tied securely to the trailer, with the Forward/Reverse handle or switch in the NEUTRAL position, the key switch in the OFF position, and the park brake firmly pressed and locked.
- Because of the added length of the trailer, use caution when making turns.
- Do not transport the vehicle on a trailer with a load in the vehicle cargo bed.
- Remove the vehicle windshield and secure the seat bottom before transporting on a trailer.
- Remove any loose items prior to transporting on a trailer.

If the vehicle must be transported over long distances or on public highways, it should be transported on an approved trailer that has an approved load rating of 2000 lb. (908 kg) per vehicle being transported.

NOTE: A two-car trailer should be rated at 2 x 2000 lb. = 4000 lb. (2 x 908 kg = 1816 kg).

STORAGE

See General Warnings on page 10.

▲ DANGER

- Do not attempt to drain fuel when the engine is hot or while it is running.
- Be sure to clean up any spilled gasoline before operating the vehicle.
- Store fuel in an approved fuel container only. Store in a well-ventilated area away from sparks, open flames, heaters, or heat sources.
- Keep fuel out of the reach of children.
- Do not siphon fuel from the vehicle.

⚠ WARNING

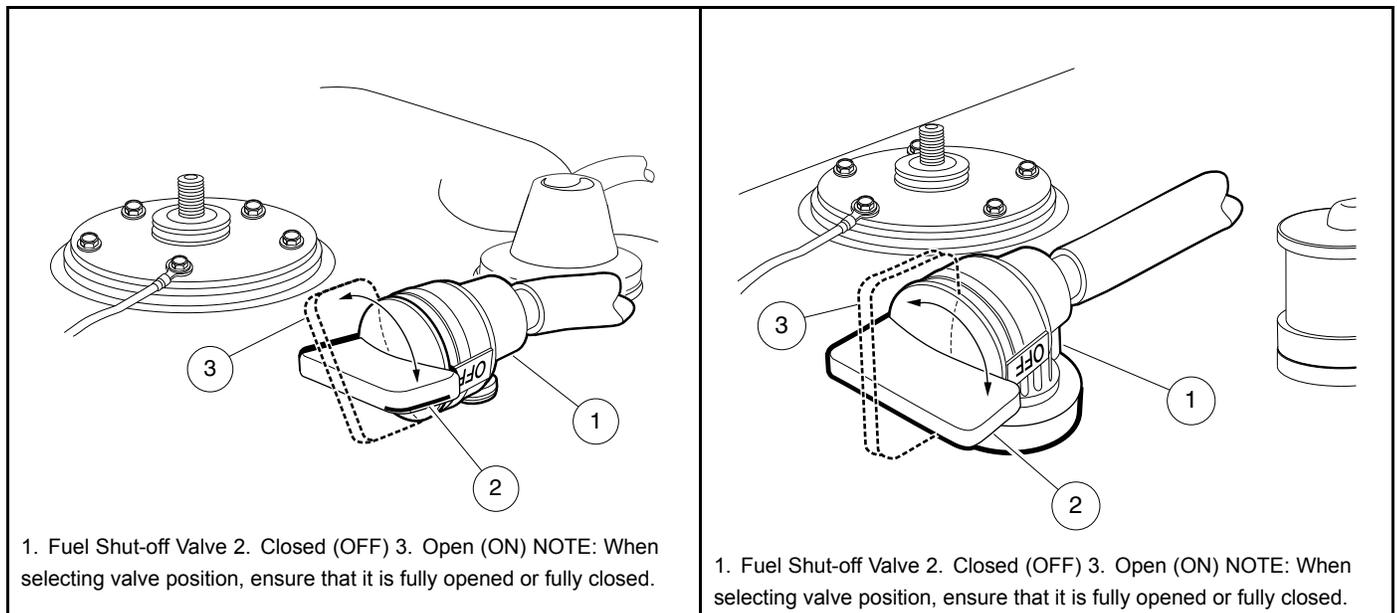
- Turn the key switch to the OFF position, remove the key, and leave the Forward/Reverse handle in the NEUTRAL position during storage. This is to prevent unintentionally starting the vehicle or a fire hazard.
- Turn the fuel shut-off valve (1) (Figure 12) or (Figure 13) to the closed (OFF) position.
- Do not attempt to charge frozen batteries or batteries with bulged cases. Discard the battery. Frozen batteries can explode.

⚠ CAUTION

- Batteries in a low state of charge will freeze at low temperatures.

PREPARING THE GASOLINE VEHICLE FOR EXTENDED STORAGE

1. Unload the vehicle so that tires are supporting only the weight of the vehicle.
2. Store vehicle in a cool, dry place. This will minimize battery self-discharge. If the battery appears to be weak, have it charged by a trained technician. Use an automotive-type 12-volt battery charger rated at 10 amps or less.
3. Drain carburetor and seal the fuel tank.
 - 3.1. Place the Forward/Reverse handle in the NEUTRAL position and the neutral lockout switch in the MAINTENANCE position. Turn the fuel shut-off valve (1) (Figure 12) or (Figure 13) to the closed (OFF) position and run the engine until fuel remaining in the carburetor and fuel lines is depleted and the engine stalls. Return the neutral lockout switch to the OPERATE position.



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Figure 12 Fuel Shut-off Valve – 49-State Fuel Tank Shown

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Figure 13 Fuel Shut-off Valve – California Fuel Tank Shown

- 3.2. Loosen, but do not remove, the carburetor drain screw and drain fuel remaining in bowl into a small, clean container, then pour the fuel from the container into vehicle fuel tank. Tighten the carburetor drain screw.

- 3.3. Fill fuel tank to about 1 inch (2.5 cm) from top of fuel tank and, following manufacturer's directions, add a commercially available fuel stabilizer (such as Sta-Bil®).
- 3.4. Disconnect fuel vent line from fuel tank vent nipple.
- 3.5. Plug the fuel tank vent nipple so that it is air tight. We recommend using a slip-on vinyl cap.
4. Disconnect the battery cables, negative (-) cable first.
5. Batteries should be clean and free of corrosion. Wash tops and terminals of batteries with a solution of baking soda and water (1 cup (237 mL) baking soda per 1 gallon (3.8 L) of water). Rinse solution off batteries. Do not allow this solution to enter the batteries. Be sure terminals are tight. Let the terminals dry and then coat them with Battery Terminal Protector Spray (CCI P/N 1014305).
6. To protect the engine, remove spark plug and pour 1/2 ounce (14.2 mL) of SAE 10 weight oil into the engine through the spark plug hole. Rotate engine crankshaft by hand several times and then install the spark plug.
7. Adjust tires to recommended tire pressure. **See Vehicle Specifications on page 40.**
8. Perform semiannual periodic lubrication. **See Periodic Lubrication Schedule on page 32.**
9. Thoroughly clean front body, rear body, seats, cargo bed, engine compartment, and underside of vehicle.
10. Do not engage the park brake. Chock the wheels to prevent the vehicle from rolling.

RETURNING THE STORED GASOLINE VEHICLE TO SERVICE

1. Restore fuel system to operation.
 - 1.1. Remove plug from the fuel tank vent (**Figure 21**).
 - 1.2. Connect vent tube to fuel tank vent.
2. Connect battery cables, positive (+) cable first, and tighten terminals to 12 ft-lb (16 N·m).
3. Completely open the fuel shut-off valve (1) (**Figure 12**) or (**Figure 13**). Make sure the valve is fully open. A partially closed fuel shut-off valve combined with the use of the choke can result in a fouled spark plug and engine failure.
4. Place the Forward/Reverse handle in the NEUTRAL position and the neutral lockout switch in the MAINTENANCE position. Crank the engine until fuel is pumped into the carburetor and fuel lines and the engine starts. Turn the engine off and return the neutral lockout switch to the OPERATE position. **See following NOTE.**

NOTE: Due to the oil added to the engine in preparation for storage, engine may smoke excessively for a short time when it is run for the first time after storage.

5. Adjust tires to recommended tire pressure. **See Vehicle Specifications on page 40.**
6. Perform the Pre-Operation and Daily Safety Checklist on page 18 and the Performance Inspection on page 18.

MAINTENANCE

See General Warnings on page 10.

To ensure trouble-free vehicle performance, it is very important to follow an established preventive maintenance program. Regular and consistent vehicle maintenance can prevent vehicle downtime and expensive repairs that can result from neglect. Use the Pre-Operation and Daily Safety Checklist on page 18, the Performance Inspection on page 18, and the following *Periodic Service Schedule* and *Periodic Lubrication Schedule* to keep the vehicle in proper working condition.

Any vehicle not functioning correctly should be removed from use until it is properly repaired. This will prevent further damage to the vehicle and avoid the possibility of injury due to unsafe conditions.

Contact your local Club Car distributor/dealer to perform all repairs and semiannual and annual periodic service.

The door latches and locks will require periodic tightening and adjusting. Periodically oiling the doors with a silicone spray lubricant is also recommended.

WARNING

- **If any problems are found during scheduled inspection or service, do not operate the vehicle until repairs are made. Failure to make necessary repairs could result in fire, property damage, severe personal injury, or death.**
- **Hot! Do not attempt to service hot engine, motor, or exhaust system. Attempting to do so could cause severe burns.**
- **Do not work on vehicle powertrain or under the cargo bed when it is loaded.**
- **Do not wear loose clothing or jewelry, such as rings, watches, chains, etc., when servicing the vehicle.**
- **Turn the key switch to OFF, remove the key, place the Forward/Reverse handle or switch in the NEUTRAL position, and chock tires prior to servicing.**
- **Be sure all persons are clear of the vehicle when lifting a cargo bed equipped with a tailgate ramp.**
- **Do not remove prop rod or close bed until all persons are clear of the bed area. Lower the bed gently, keeping entire body clear. do not drop the bed. Failure to follow these instructions could result in severe personal injury.**
- **A hydraulic bed lift system is under pressure. Wear a face shield and use extreme caution when servicing it.**
- **Moving parts: Do not attempt to service gasoline vehicle while the engine is running.**
- **Turn the fuel shut-off valve (1) (Figure 12) or (Figure 13) to the closed (OFF) position.**
- **To avoid unintentionally starting the vehicle, before servicing always disconnect the battery, negative (-) cable first (Figure 2) and disconnect the spark plug wire from the spark plug.**
- **Frame ground – Do not allow tools or other metal objects to contact frame when disconnecting batteries or other electrical wiring. Never allow a positive wire to touch the vehicle frame, engine, or other metal component.**

PERIODIC SERVICE SCHEDULE

See General Warnings on page 10.

▲ WARNING

- Service, repairs, and adjustments must be made per instructions in the maintenance and service manual.

NOTE: If the vehicle is constantly subjected to heavy use or severe operating conditions, these preventive maintenance procedures should be performed more often than recommended in the Periodic Service and Lubrication Schedules.

Both the Periodic Service Schedule and the Periodic Lubrication Schedule must be followed to keep vehicle in optimum operating condition.

PERIODIC SERVICE SCHEDULE – GASOLINE VEHICLES		
REGULAR INTERVAL	SERVICE	
Daily service by owner	Pre-Operation and Daily Safety Checklist	See Pre-Operation and Daily Safety Checklist on page 18.
	Performance Inspection	See Performance Inspection on page 18.
Monthly service by owner or trained technician	Engine	Check engine oil level; change if necessary. See Periodic Lubrication Schedule on page 32. Dispose of used oil properly.
		Check engine cooling air intake; visually inspect unshrouded area around engine exhaust for grass and debris, and clean if necessary.
	Tires	Check air pressure and adjust if necessary. See Vehicle Specifications on page 40.
	General vehicle	Wash engine compartment and underside of vehicle. Do not wash engine when hot.
Semiannual service by trained technician only (or every 50 hours of operation, whichever comes first)	Door locks	Lubricate with a dry lubricant.
	Battery	Clean terminals and wash dirt from casing; check electrolyte level. See page 33.
	Front wheel alignment and camber	Check and adjust if necessary. See Steering and Front Suspension Section in the appropriate maintenance and service manual.
	Electrical wiring and connections	Check for tightness and damage.
	Brake system	Check brake shoes; replace if necessary or adjust as required. See Wheel Brake Assemblies Section in the appropriate maintenance and service manual.
Lubricate brake slides per Lubrication Schedule. See Wheel Brake Assemblies		

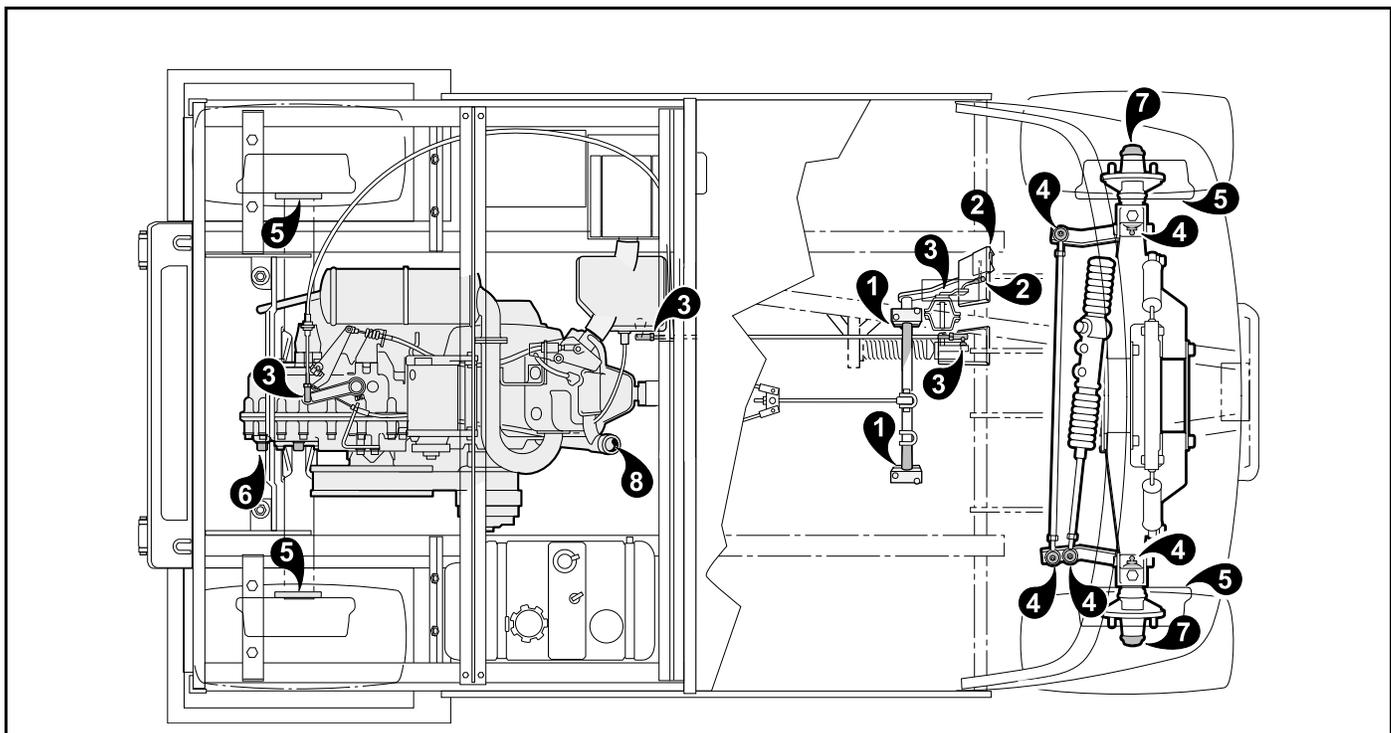
PERIODIC SERVICE SCHEDULE – GASOLINE VEHICLES		
REGULAR INTERVAL	SERVICE	
		Section in the appropriate maintenance and service manual. Check brake cables for damage; replace as required.
Annual service by trained technician only (or every 100 hours of operation, whichever comes first)	Engine	Check for leaks around gaskets, fill plugs, etc. Inspect, clean and gap spark plug; replace if necessary.
	Engine air intake system	Check air filter element; clean or replace if necessary.
		Check clamps for tightness; check hose for cracks.
	General vehicle	Check for loose hardware and tighten if necessary.
Two year service by trained technician only (or every 200 hours of operation, whichever come first)	Fuel filters	Replace. Dispose of used filters properly.

 WARNING

- If any problems are found during scheduled inspection or service, do not operate the vehicle until repairs are made. Failure to make necessary repairs could result in fire, property damage, severe personal injury, or death.

PERIODIC LUBRICATION SCHEDULE

PERIODIC LUBRICATION SCHEDULE – GASOLINE VEHICLES			
REGULAR INTERVAL	SERVICE	LUBRICATION POINTS	RECOMMENDED LUBRICANT
Semiannually by owner or trained technician (or every 50 hours of operation, whichever comes first)	Brake pedal shaft bearings	1	Dry Moly Lube (CCI P/N 1012151)
	Brake linkage and pivots	2	Dry Moly Lube (CCI P/N 1012151)
	Accelerator pivot rod supports and shifter cable pivots	3	Dry Moly Lube (CCI P/N 1012151)
	Front suspension (5 fittings)	4	Chassis Lube (EP NLGI Grade 2)
	Brake slides	5	Dry Moly Lube (CCI P/N 1012151)
Annually by trained technician only (or every 100 hours of operation, whichever comes first)	Check/fill unitized transaxle to plug level	6	27 oz. (.8 liters) 80-90 WT. API Class GL-3 or 80-90 WT. AGMA Class EP Gear Lube
	Inspect front wheel bearings (Repack as necessary)	7	Chassis Lube – EP NLGI Grade 2
First change 100 hours – additional change every 200 hours of operation or annually, whichever comes first	Change engine oil and oil filter	8	32 oz. (.95 liters) without filter; 38 oz. (1.12 liters) with filter. (Figure 20, Page 36)



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Figure 14 Lubrication Points – Gasoline Vehicle

BATTERY

See General Warnings on page 10.

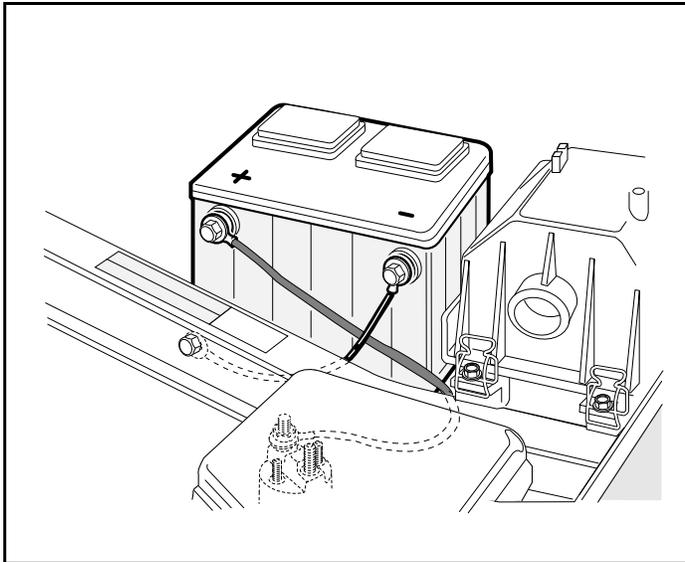
⚠ DANGER

- **Battery – Explosive gases! Do not smoke. Keep sparks and flames away from the vehicle and service area. Ventilate when charging or operating vehicle in an enclosed area. Wear a full face shield and rubber gloves when working on or near batteries.**
- **Follow all instructions carefully when working with batteries.**
- **Charge battery in a well-ventilated area only.**
- **Battery – Poison! Contains acid! Causes severe burns. Avoid contact with skin, eyes, or clothing. Antidotes:**
 - **External: Flush with water. Call a physician immediately.**
 - **Internal: Drink large quantities of milk or water followed with milk of magnesia or vegetable oil. Call a physician immediately.**
 - **Eyes: Flush with water for 15 minutes. Call a physician immediately.**

⚠ WARNING

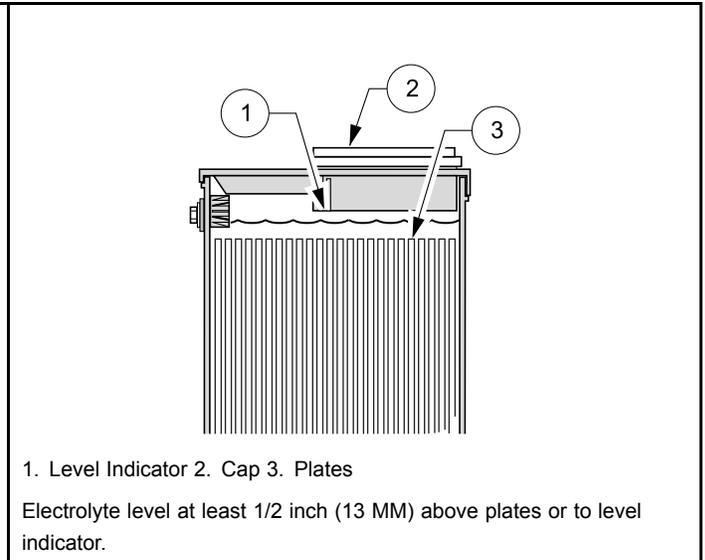
- **Do not jump-start a dead battery using another battery and jumper cables.**

The battery in a Club Car gasoline vehicle is a 12-volt, low-maintenance battery that requires infrequent watering (Figure 15).



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Figure 15 Gasoline Vehicle Battery



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Figure 16 Electrolyte Level for Battery

Any corrosion around the positive (+) or negative (-) terminals should be washed off with a solution of baking soda and water (1 cup (237 mL) per gallon (3.8 L) of water). Rinse solution off the battery. Do not allow this solution to get into the battery. Be sure terminals are tight (battery terminals should be tightened to 144 in-lb (16 N·m)). Let the terminals dry and then spray them with Battery Terminal Protector Spray (CCI 1014305). **See following CAUTION.**

⚠ WARNING

- If battery wire terminals are damaged or corroded, replace or clean them as necessary. Failure to do so may cause them to overheat during operation and could result in a fire, property damage, or personal injury.

Be sure battery clamp is properly tightened. Tighten to 144 in-lb (16 N·m). A loose clamp may allow the battery to become damaged from vibration or jarring.

If battery appears weak, have it charged by a trained technician. The battery should never be left discharged any longer than absolutely necessary (do not leave discharged overnight).

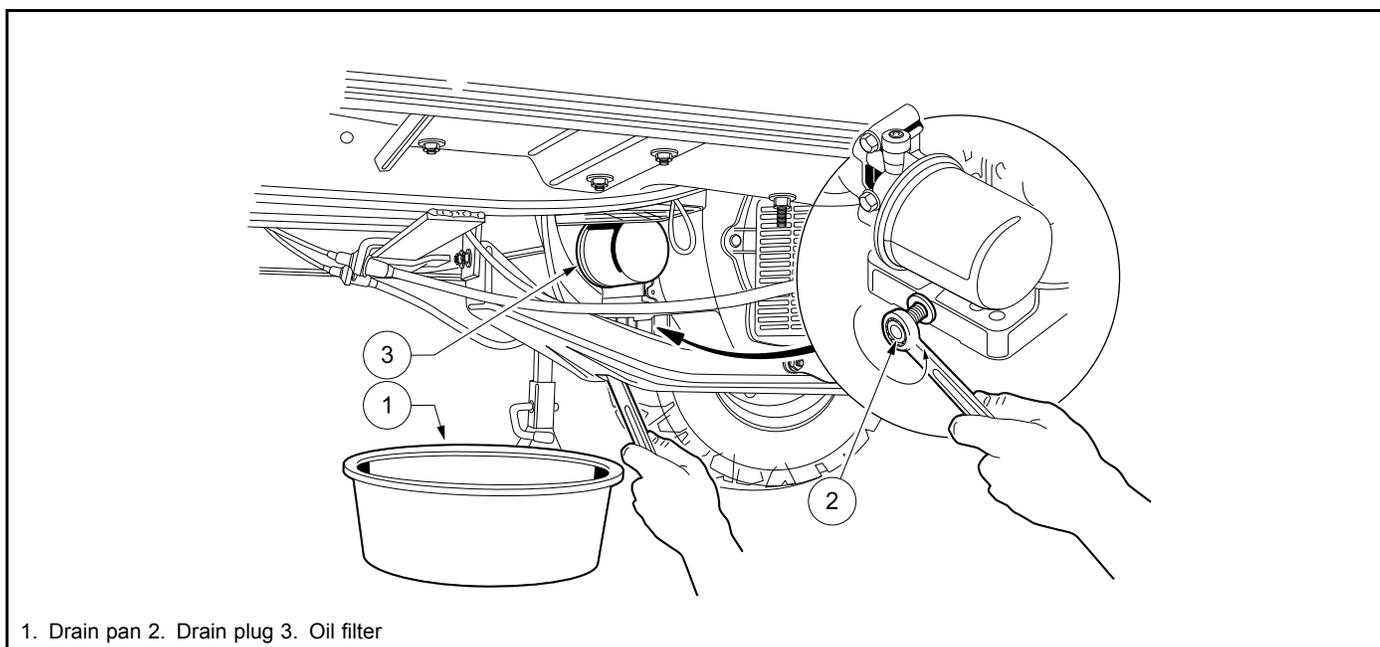
ENGINE OIL

Even though the low oil warning light on the dash should illuminate if oil level becomes low, engine oil level should be checked monthly. Vehicle should be on a level surface when checking oil. Do not overfill with oil.

ENGINE OIL AND FILTER CHANGE

Engine oil and oil filter should be changed after the first 100 hours of operation. After that, they should be changed every 200 hours of operation or annually, whichever comes first.

1. Turn the key switch to the OFF position, then remove the key. Place the Forward/Reverse handle in the neutral POSITION. Chock the front wheels.
2. Access the engine compartment.
3. Disconnect the battery cables, negative (-) cable first. **See WARNING “To avoid unintentionally starting...” in General Warnings on page 10.**
4. Position a pan designed for oil changes under the front drain plug (**Figure 17**).



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Figure 17 Engine Oil Drain Plug and Pan

5. Use a 14 mm socket or wrench to remove the drain plug, turning it counterclockwise, and allow the engine oil to drain into the pan. **See following WARNING.**

▲ WARNING

- **Do not attempt to change engine oil when the engine is hot or even warm. Engine oil can cause skin burns.**
 - **Wear safety glasses or approved eye protection when servicing the vehicle. Wear rubber gloves when handling oil drain plug, oil filter, and oil drain pan.**
6. Clean the oil drain plug threads with solvent to remove oil and oil residue. Make sure that the compression washer remains on the drain plug.
 7. Use a 14 mm socket or wrench and replace the front oil drain plug, turning it clockwise, and tighten to 18 ft-lb (24.4 N-m).
 8. Relocate the oil drain pan to a position under the engine oil filter (**Figure 17**).
 9. Remove the engine oil filter, turning it counterclockwise, allowing the residual oil in the filter port and filter to drain into the oil drain pan (**Figure 18**). **See following NOTE.**

NOTE: An oil drip guard can be used to prevent excess oil from dripping into the engine base plate. Use an empty quart (one liter) container and cut the bottom off at an angle, then slide the open area of the container up and under the oil filter prior to removing. Position the port of the plastic container so oil will be directed into the oil pan. Or, make a drip guard by folding a piece of cardboard, thin metal, or plastic under the oil filter forming a channel to direct the filter port oil into the drain pan.

Dispose of used oil according to the environmental laws and regulations for your area.



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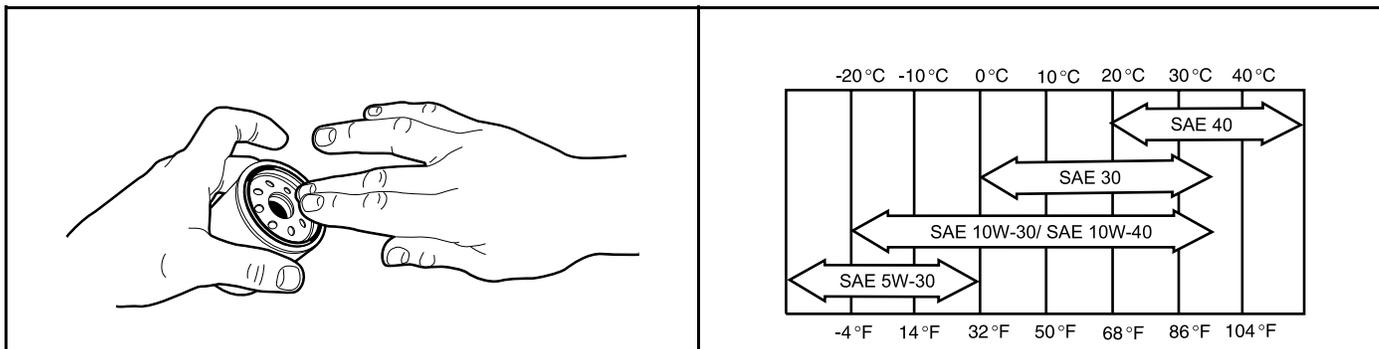
Figure 18 Remove Engine Oil Filter

10. Use a clean rag and wipe the oil filter mounting bracket surface clean where the oil filter gasket seats.
11. Install a new oil filter (CCI P/N 1016467) onto the engine oil filter port. Apply a light coat of white lithium NLGI Number 2 grease (Dow Corning® BR2-Plus or equivalent) or new engine oil to the rubber seal around the outside surface of the filter before attaching it to the oil filter port (**Figure 19**). This will help seal the filter to the oil filter mounting bracket.

NOTE: Use only Club Car oil filters (CCI P/N 1016467) designed for this engine.

12. Tighten the oil filter by hand until tight. Do not use a band wrench or channel lock plier to tighten.

- Remove the dipstick and add engine oil into the dipstick port. Use a funnel or pour spout to direct the oil into the dipstick port. With filter change, the engine requires 38 ounces (1.12 liters) of oil per change. Refer to oil viscosity guidelines for selection of oil grade (**Figure 20**). Replace the dipstick.



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Figure 19 Coat Oil Filter Rubber Seal

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Figure 20 Oil Viscosity Chart

- Connect the battery cables, positive (+) cable first, and tighten terminals to 144 in-lb (16 N·m). Coat terminals with Battery Terminal Protector Spray (CCI P/N 1014305).
- With the Forward/Reverse handle in the NEUTRAL position, start and run the engine for a few minutes. Observe both the drain plug and the oil filter from under the vehicle and watch for oil leaks. If leaks appear, begin with step 1 and repeat the appropriate step for either or both items to correct the problem.
- Remove the dip stick and check the engine oil as a final step. Replace the dip stick.

FUELING INSTRUCTIONS

See General Warnings on page 10.

⚠ DANGER

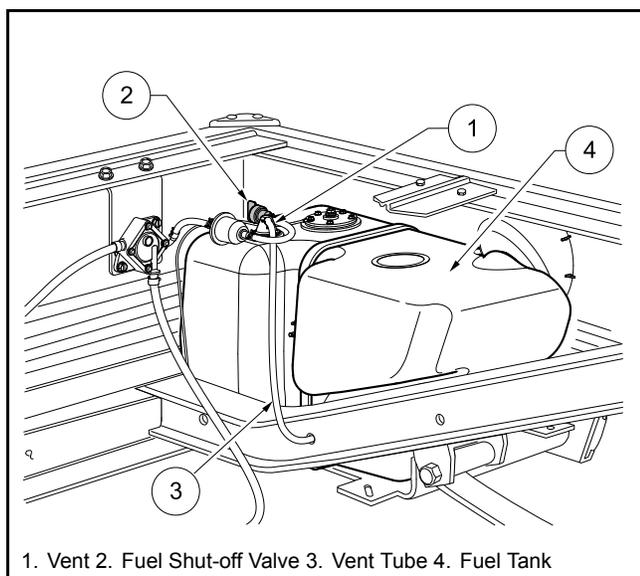
- Turn the key switch to the OFF position before fueling.
- Do not pour fuel into the fuel tank when the engine is hot or while it is running.
- To avoid electric arc caused by static electricity, the fuel storage/pumping device must be grounded. If the pump is not grounded, the vehicle must be grounded to the pump before and during the fueling operation.
- If the vehicle has an all-weather enclosure installed, be sure the fuel tank is properly vented as shown (Figure 21).
- To avoid the possibility of fire, clean up any spilled fuel before operating the vehicle.

⚠ CAUTION

- To allow for expansion, do not fill higher than 2.54 cm (one inch) from the top of the fuel tank. Avoid spilling fuel.

NOTE: Whenever possible, avoid using oxygenated fuels and fuels that are blended with alcohol. Vehicles to be stored for extended periods should be prepared for storage as instructed. See **Preparing the Gasoline Vehicle for Extended Storage on page 27**.

1. Remove the fuel cap located on the passenger-side panel and fill the fuel tank with fresh unleaded gasoline only. **See preceding CAUTION and NOTE.**
2. Replace fuel cap on tank. Ensure cap is tightened securely.



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Figure 21 Fuel Tank – 49-State Fuel Tank Shown

CLEANING THE VEHICLE

VEHICLE CHASSIS

The Cafe Express vehicle is equipped with an ArmorFlex® front body and an all-aluminum rear body. Use only commercially available automotive cleaners with a sponge or soft cloth for normal cleaning. A garden hose at normal residential water pressure is adequate. To remove oxidation or discoloration from aluminum, use a commercially available aluminum cleaner paste and fine grade (No. 00) steel wool.

Club Car does not recommend any type of pressure washer or steam cleaning. Such a process will expose electrical components to moisture. Moisture entering electrical components can result in water damage and subsequent component failure.

Use non-abrasive wax products. Battery acid, fertilizers, tars, asphalt, creosote, paint, or chewing gum should be removed immediately to prevent possible stains.

The seats of the vehicle will last longer with proper cleaning. Use a solution of 10% liquid soap and warm water applied with a soft cloth. For imbedded dirt, a soft bristle brush may be used. For heavy soiling, difficult stains or scratches, blemishes, or other body damage, see the Turf/Carryall Maintenance and Service Manual.

NOTE: Dispose of waste water properly.

WINDSHIELD

Use only mild liquid dishwasher soap with a sponge or soft cloth for cleaning the windshield.

CAUTION

- Do not use glass-cleaning products on the windshield.

REFRESHMENT CENTER

Interior Aluminum Surfaces

The interior surfaces of the refreshment center should be cleaned and sanitized daily with an approved product before being used. Check with local Health Department for rules and regulations in your area.

Exterior Aluminum Surfaces

The exterior surfaces should be cleaned on a daily basis using a soap and water solution. Periodic cleaning with an aluminum or stainless steel cleaner is recommended.

CAUTION

- Using abrasive cleaners on aluminum and stainless steel will damage or scratch the surfaces. Use a soft cloth with an industrial type stainless steel cleaner/polish to clean the aluminum and stainless steel surfaces.

Drains

The drains should be flushed with a hose on a daily basis. Periodically, the drains should be cleaned and sanitized.

Clear Plastic Doors

The clear plastic panels on the doors should be cleaned daily with a mild soap and water solution. Dry with a clean, damp chamois. Do not use window cleaning sprays or paper towels.

Polypropylene

The polypropylene doors should be cleaned daily with a soap and water solution.

Canopy Cover

Periodically clean the canopy cover by spraying the fabric with water and allowing fabric to dry on the canopy frame.

ACCESSORIES

There is a complete line of accessory equipment available from Club Car and our dealers/distributors. You can obtain the name and phone number of your closest Club Car contact by visiting our web site at www.clubcar.com and clicking the "Dealer Locator" link.

Care should be taken that these accessories are properly installed by trained technicians, and they are used in the manner for which they were designed. **See following WARNING.**

▲ WARNING

- Custom cab assemblies, weatherproof enclosures, door kits, and tinted windshields will not protect occupants from flying objects.
- If the vehicle has a portable refreshment center option installed in the bed, it must be removed before unlatching and lifting the bed.
- If the vehicle is equipped with an electric powered lift bed, remove the bed before servicing the bed lift system.

SUBSEQUENT OWNER REGISTRATION

In the event a vehicle is bought as a used vehicle, we strongly urge the new owner to register the vehicle with Club Car. This will enable us to contact you if the need arises. Please send your name, address, and serial number(s) of the vehicle(s) to Club Car, Inc., P.O. Box 204658, Augusta, Georgia 30917-4658, Attention: Vehicle Registration.

VEHICLE SPECIFICATIONS

SPECIFICATIONS	CAFE EXPRESS PEDAL-START GASOLINE
POWER SOURCE	
Engine: 4 cycle, OHV, 351 cc, 11.5 maximum hp @ 3600 RPM (per SAE J 1940/1349), single cylinder, air cooled, with pressure lubrication system	•
Fuel system: Side draft carburetor with float bowl, fixed jets, fuel filter, and impulse fuel pump	•
Governor: Automatic ground speed sensing, internally geared in unitized transaxle	•
Ignition: Transistor electronic ignition with electronic RPM limiter	•
Unitized transaxle: Fully synchronized forward and reverse with neutral (11.8:1 forward, 17.1:1 reverse)	•
Electrical system: 12 volt, 500 cca at 0 °F (-17.8 °C), 650 cca at 32 °F (0 °C). 105 minute reserve capacity and 35 amp charging capacity	•
Torque converter: Automatic, variable speed, dry type	•
STEERING/SUSPENSION/BRAKES	
Steering: Self-adjusting rack and pinion	•
Suspension: Front mono-leaf and rear multi-leaf springs with dual hydraulic shocks	•
Brakes: Mechanical brake cable system to manually-adjusted drum brakes on all four wheels. Park brake is automatically released. Multi-latch ratchet and pawl	•
BODY/CHASSIS	
Frame/chassis: Twin I-Beam welded aluminum	•
Side and rear body: All aluminum	•
Front body: ArmorFlex®	•
Front body finish: Matched paint finish over molded-in color	•
Tires: 18 x 8.50 - 8 tubeless, 6 ply rated load range front and rear	•
DIMENSIONS/WEIGHT	
Overall length: Standard flatbed configuration	111 in. (282 cm)
Overall width	50 in. (127 cm)
Overall height: At steering wheel	48 in. (122 cm)
Wheelbase	77.5 in. (197 cm)
Ground clearance	4.5 in. (11 cm)
Front wheel tread	34.5 in. (88 cm)

SPECIFICATIONS	CAFE EXPRESS PEDAL-START GASOLINE
Rear wheel tread	38.5 in. (98 cm)
Weight: Standard gasoline vehicle with Cafe Express unit (dry fuel tank)	1076 lb. (488 kg)
Forward speed	14 mph (23 km/h)
Curb clearance circle (diameter)	20 ft.-8 in. (630 cm)
Turning radius per SAE J 695	120 in. (305 cm)
Intersecting aisle clearance	77 in. (196 cm)
Floorboard height	11.75 in. (30 cm)
Seat height	30.25 in. (77 cm)
Vehicle rated capacity: Level surface only	1200 lb. (544 kg)
Standard seating capacity: persons	2
LIQUID CAPACITIES	
Engine crankcase without filter	32 oz. (.95 liters)
Engine crankcase with filter	38 oz. (1.12 liters)
Unitized transaxle	27 oz. (.8 liters)
Fuel tank	7 gallons (26.5 liters)
TIRE PRESSURE	
Front and rear	30-34 psi (2.07-2.34 Bars)

CAFE EXPRESS REFRESHMENT CENTER INSTALLATION

GENERAL INFORMATION

Review the following instructions and safety precautions before beginning installation procedures.

NOTE: Installation of the upper cabinets, canopy frame and canopy will require the aid of an assistant.

Observe the following DANGER and WARNING statements and procedures. Failure to do so may result in severe personal injury and (or) damage to the vehicle or property:

DANGER

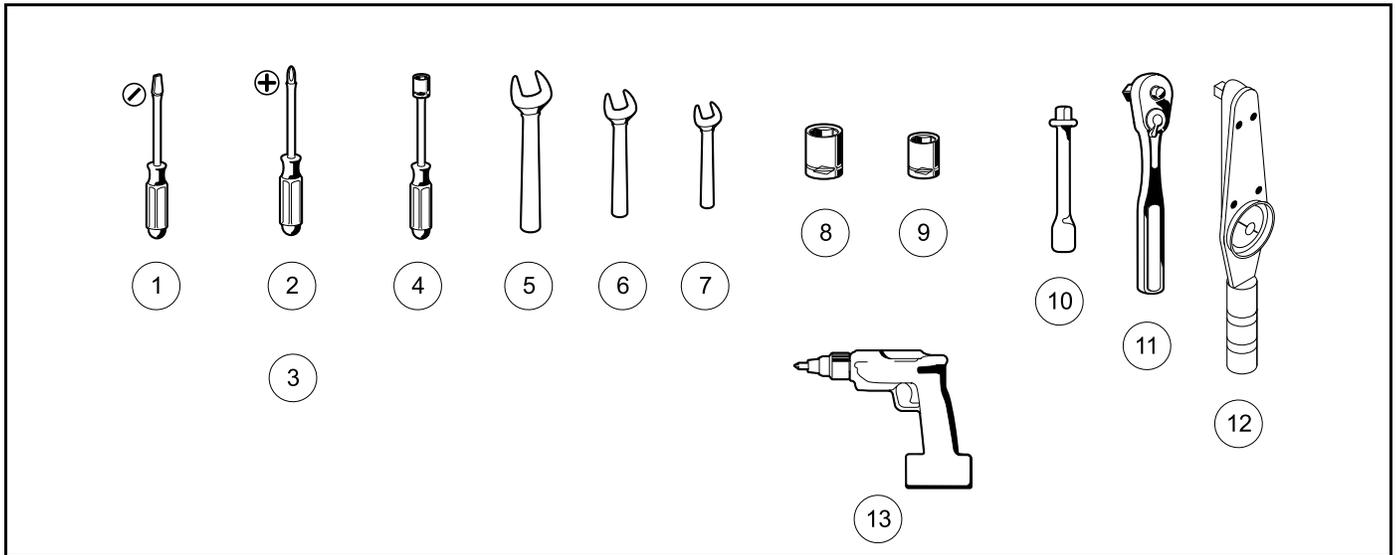
- **Gasoline – Flammable! Do not smoke. Keep sparks and flames away from vehicle and service area. Tools, wires, and metal objects can cause sparks when “shorted” across a battery. Use insulated tools. Extreme care should be taken when disconnecting batteries. When wires are disconnected, be sure to keep them away from battery posts and other wires. Service only in well-ventilated areas.**
- **Do not operate engine in an enclosed area without proper ventilation. The engine produces carbon monoxide, which is an odorless, deadly poison.**
- **Battery – Explosive gases! Do not smoke. Keep sparks and flames away from the vehicle and service area. Ventilate when charging or operating vehicle in an enclosed area. Wear a full face shield and rubber gloves when working on or near batteries.**

WARNING

- **Only trained technicians should repair or service this vehicle. Anyone doing even simple repairs or service should have knowledge and experience in electrical and mechanical repair. Follow all procedures exactly and heed all warning statements in these instructions.**
- **Wear safety glasses or approved eye protection while servicing vehicle.**
- **Turn key switch to the OFF position, place the Forward/Reverse handle in the NEUTRAL position, and remove the key prior to servicing.**
- **Do not wear loose clothing or jewelry such as rings, watches, chains, etc. when servicing vehicle.**
- **To avoid unintentionally starting the vehicle:**
 - **Disconnect battery cables, negative (–) cable first (Figure 2).**
 - **Disconnect the spark plug wire from the spark plug.**

REFRESHMENT CENTER KIT

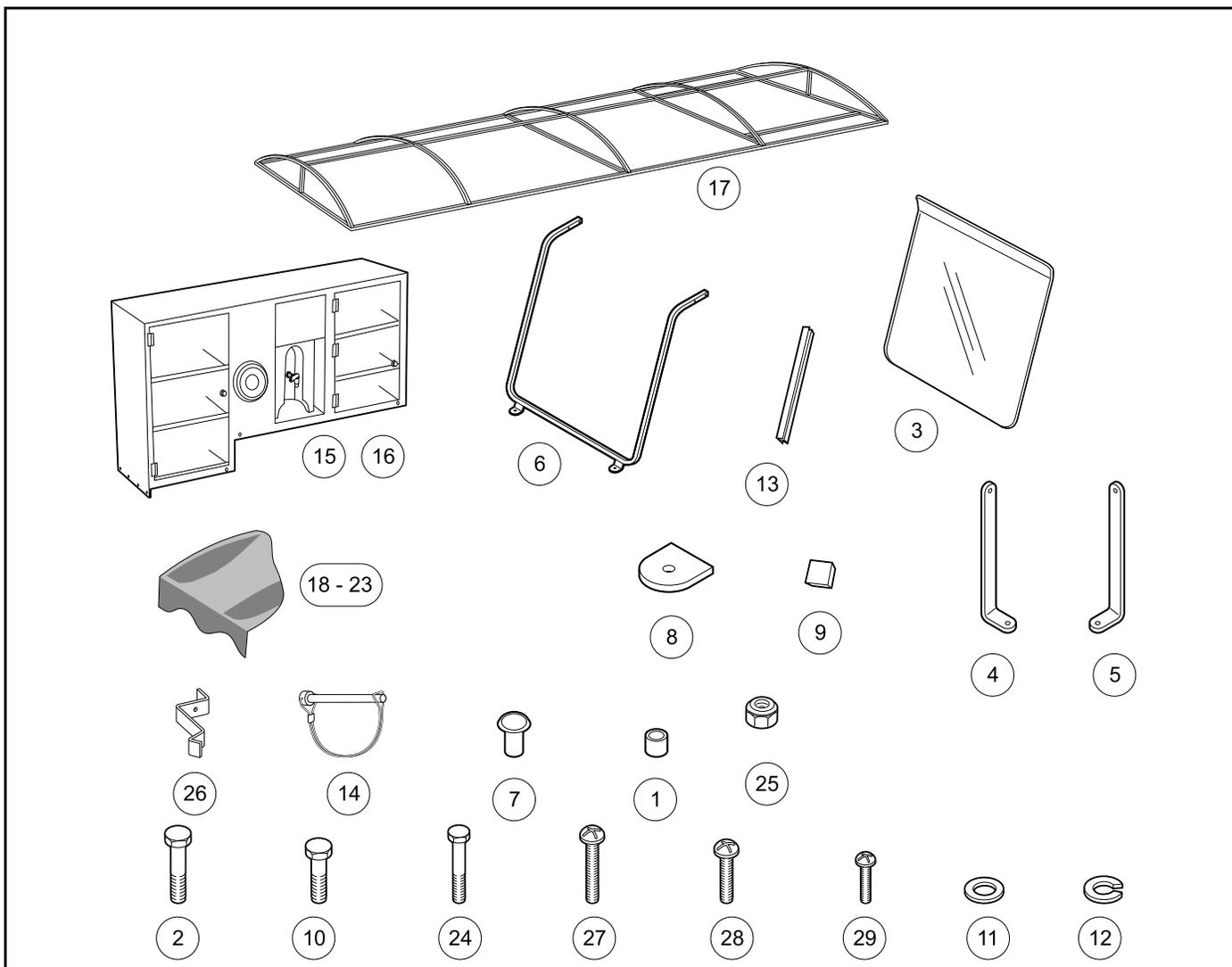
Tools Required



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Figure 22 Tools Required

1	Screwdriver, Flat-Blade	8	Socket, 1/2-Inch, 3/8-Inch Drive
2	Screwdriver, #2 Medium Phillips-Head	9	Socket, 7/16-Inch, 1/4-Inch Drive
3	Screwdriver, #3 Large Phillips-Head	10	Extension, 3/8-Inch Drive, 4-Inch Long
4	Nut Driver, 5/16-Inch	11	Ratchet
5	Wrench, 9/16-Inch Open-End	12	Wrench, Torque (10-200 in-lb)
6	Wrench, 1/2-Inch Open-End	13	Nut Driver, Electric
7	Wrench, 7/16-Inch Open-End	14	

Parts in Kit



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Figure 23 Windshield and Windshield Frame Installation Parts

1	1010237	Bushing	16	SVP178501	Beverage Container (2.5 Gal)
2	1010577	Screw, 5/16-18 X 1.50 Hex Cap	17	102427801	Cafe Express Canopy Frame
3	1011838	Windshield, 1982	18	102427901	Cafe Express Canopy Pacific Blue
4	1011862	Brace, Rh Canopy Mount Knee	19	102428001	Cafe Express Canopy Class Blue
5	1011865	Brace, Lh Canopy Mount Knee	20	102428101	Cafe Express Canopy Blue and White
6	1011868	Weldment, Windshield Frame	21	102428201	Cafe Express Canopy Green
7	1011878	T-Nut, 1/4-20 X 0.310 Capped	22	102428301	Cafe Express Canopy Green and White
8	1011883	Pad, Windshield Frame Mounting	23	102428401	Cafe Express Canopy Custom Color

9	1011897	Bumper, Protective	24	1703	Screw, 1/4-20 X 1.50 Hx Head Cap
10	1011937	Bolt, 5/16-18 X 1.25 Hex Head	25	8233	Locknut, 1/4-20 Nylon Insert
11	1011964	Washer, 1/4 Flat	26		Door Clip, Consumable Ice
12	1011965	Lockwasher, 1/4 Spring	27		1/4-20 x 1-1/2 Phillips Pan-Head Screw with Patch
13	1014441	Channel, Black Windshield	28		1/4-20 x 3/4 Phillips Pan-Head Screw with Patch
14	102160901	19th Hole Retaining Pin	29		#10 x 5/8 Phillips Pan-Head Screw with Patch
15	102427701	Cafe Express Upper Cabinet			

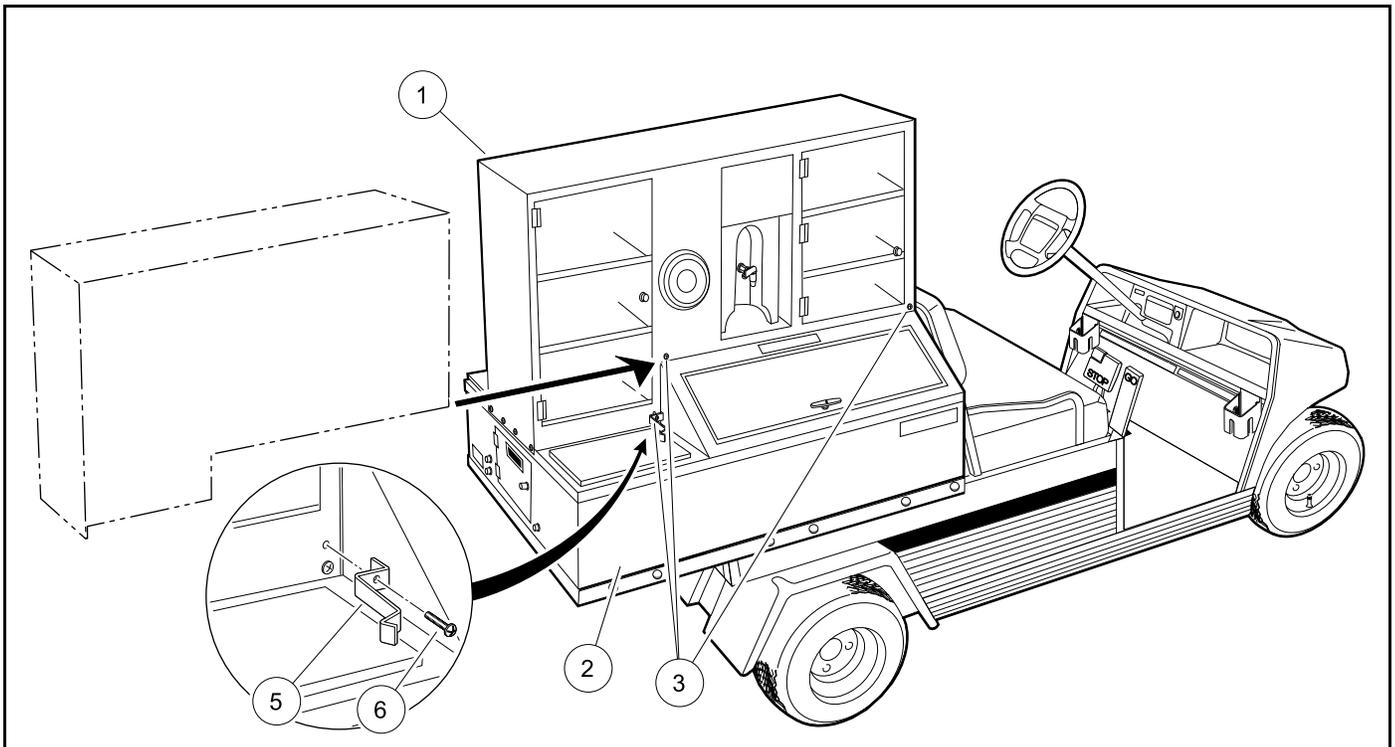
UPPER CABINET INSTALLATION

NOTE: The tallest end of the cabinet will be installed toward the rear of the vehicle as shown (Figure 24).

1. With the aid of an assistant, slide the upper cabinet (1) forward using the angle brackets (with nut inserts) on the base unit (2) as a guide. The upper cabinet must be on the outside of the angle brackets.
2. Align holes in upper cabinet with the nut inserts in angle brackets on base unit. Secure with three 1/4-20 x 3/4 phillips pan-head screws (with patch) (3) on each side, four at rear and four at front. Tighten all screws to 50 in-lb (5.6 N·m). **See following CAUTION.**
3. Locate the hole in the corner just above the consumable ice compartment door. **See Detail in Figure 24.** Slide the clip (5) in between the upper cabinet and base unit as shown. Secure the clip to the upper cabinet with a #10 x 5/8 phillips pan-head screw (with patch) (6). Tighten screw to 18 in-lb (2.0 N·m). Install remaining clip at opposite side of vehicle using same procedure. **See following CAUTION.**

CAUTION

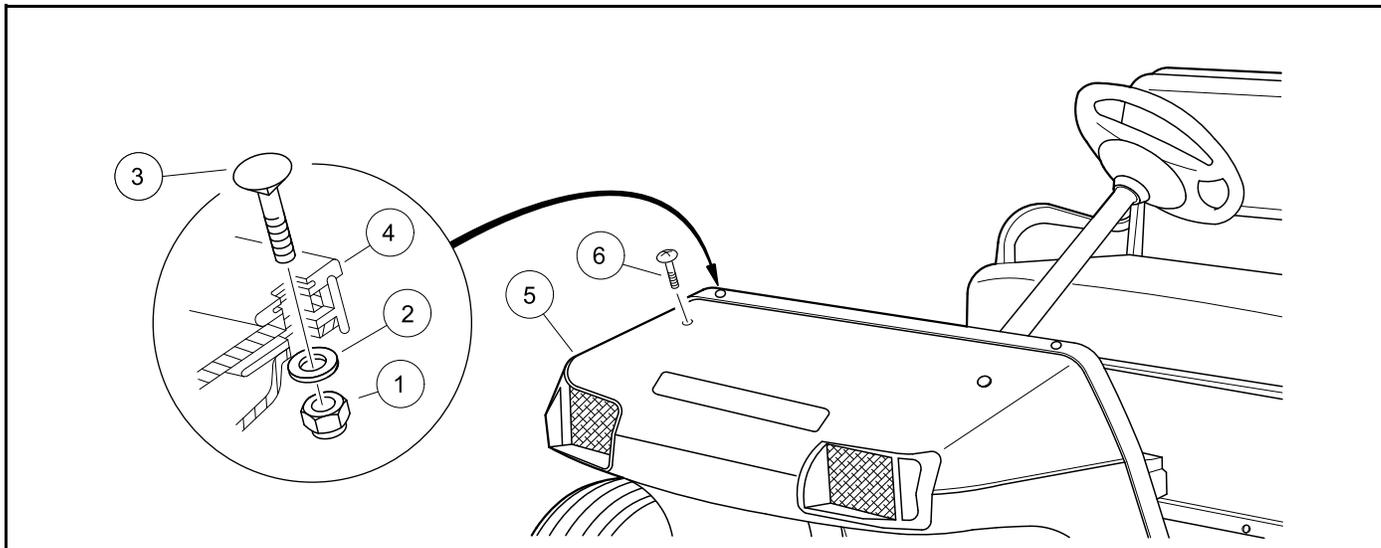
- Do not overtighten screws.



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Figure 24 Upper Cabinet Installation

WINDSHIELD FRAME INSTALLATION

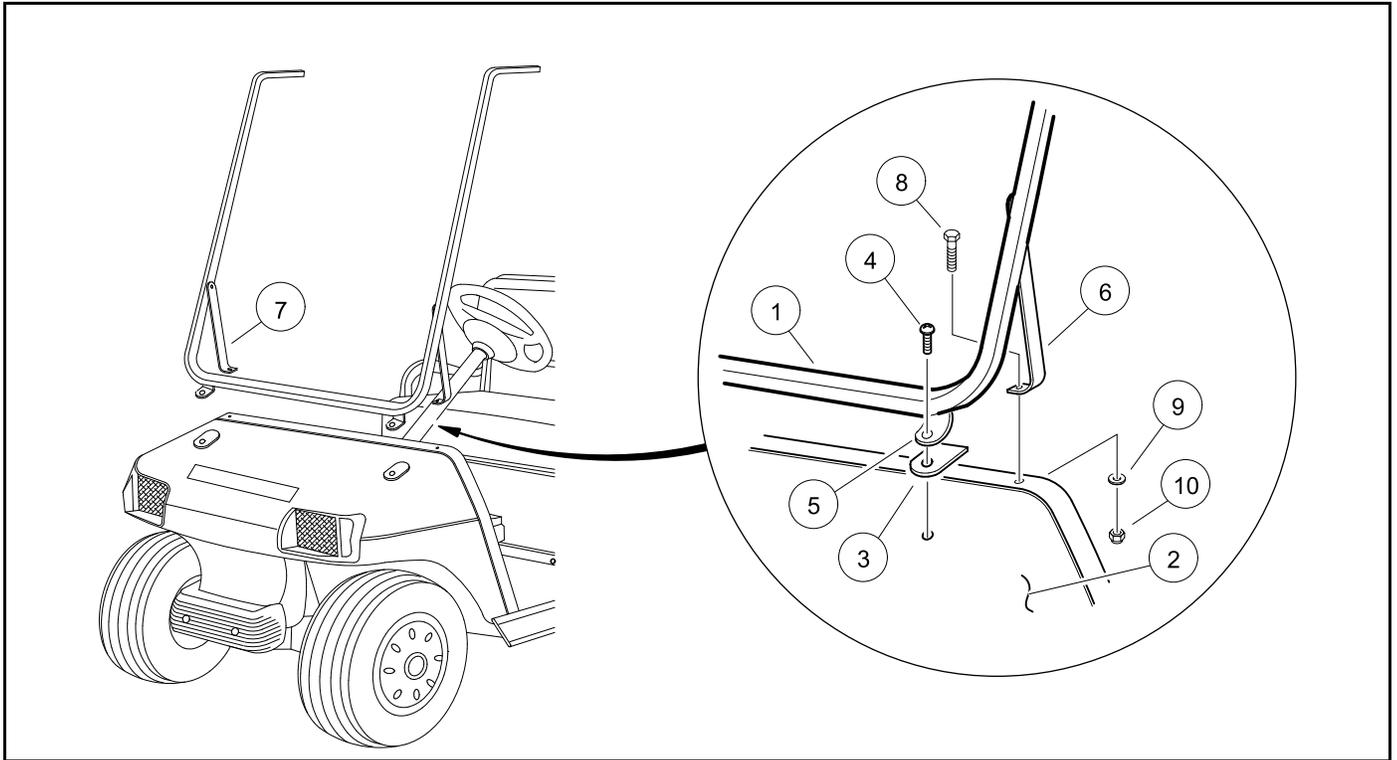
1. Remove nuts (1), washers (2), and bolts (3) holding the trim (4) to the front body (5) (**Figure 25**). Retain nuts and washers for later use. Discard bolts.
2. Remove the phillips-head screw (6) from each side of the front body (5).



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Figure 25 Remove Hardware from Front Body

3. Place a windshield frame mounting pad (3) between each lug (5) on the windshield frame (1) and front body (2) (**Figure 26**). Secure windshield frame (1) and two mounting pads (3) to front body with two 5/16 x 1-1/4 hex-head screws with patch (4). Tighten screws to 45 in-lb (5 N·m).
4. Secure the left and right knee braces (6 and 7) with new 5/16-18 x 1-1/2 hex-head cap bolts (8), and previously removed flat washers (9) and nuts (10) (**Figure 26**). Tighten bolts to 45 in-lb (5 N·m).

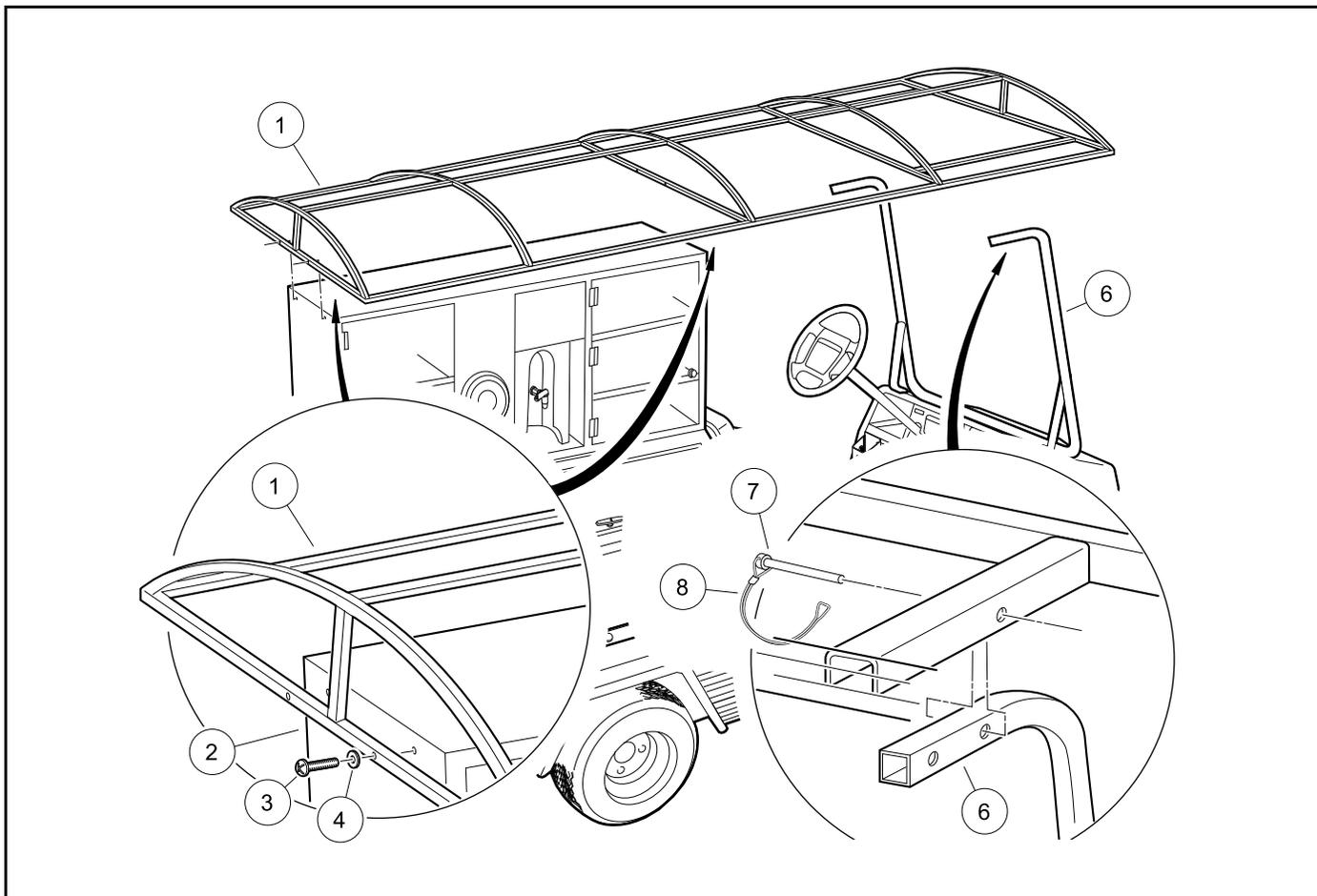


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Figure 26 Mount Windshield Frame

CANOPY FRAME INSTALLATION

NOTE: Install the canopy frame with the channels toward the front of the vehicle.

1. Locate the four holes near the top edge of the upper cabinet (two in front and two in rear).
2. With the aid of an assistant, position the canopy frame (1) so that the cross tubes with pre-drilled holes align with the nut inserts in the front and rear of the upper cabinet (**Figure 27**).

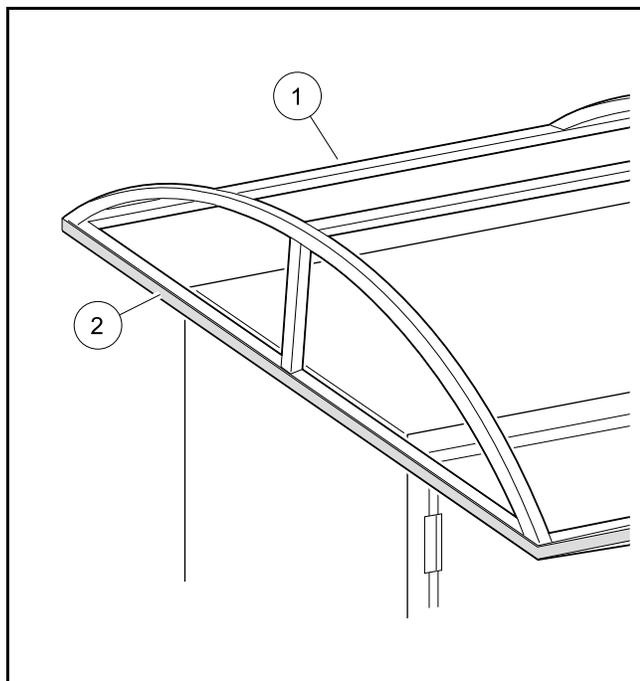


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Figure 27 Canopy Frame Installation

3. Secure the canopy frame (1) to the upper cabinet (2) using four 1/4-20 x 1-1/2 phillips pan-head screws with patch (3) and stainless steel flat washers (4) (**Figure 27**). Tighten screws to 50 in-lb (5.6 N·m). **See following CAUTION.**

CAUTION

- **Do not overtighten screws.**
4. Adjust the windshield frame legs so that the holes in the windshield frame (6) align with the holes in the channels. Insert one retaining pin (7) in each side and place the retaining wires (8) over the ends of the pins (**Figure 27**).
 5. Making sure the surface is dry, clean and free of grease, apply velcro strip (2) all around the outside surface of the canopy frame (1) (**Figure 28**). Align the bottom edge of the velcro to the bottom edge of the tubing as shown.



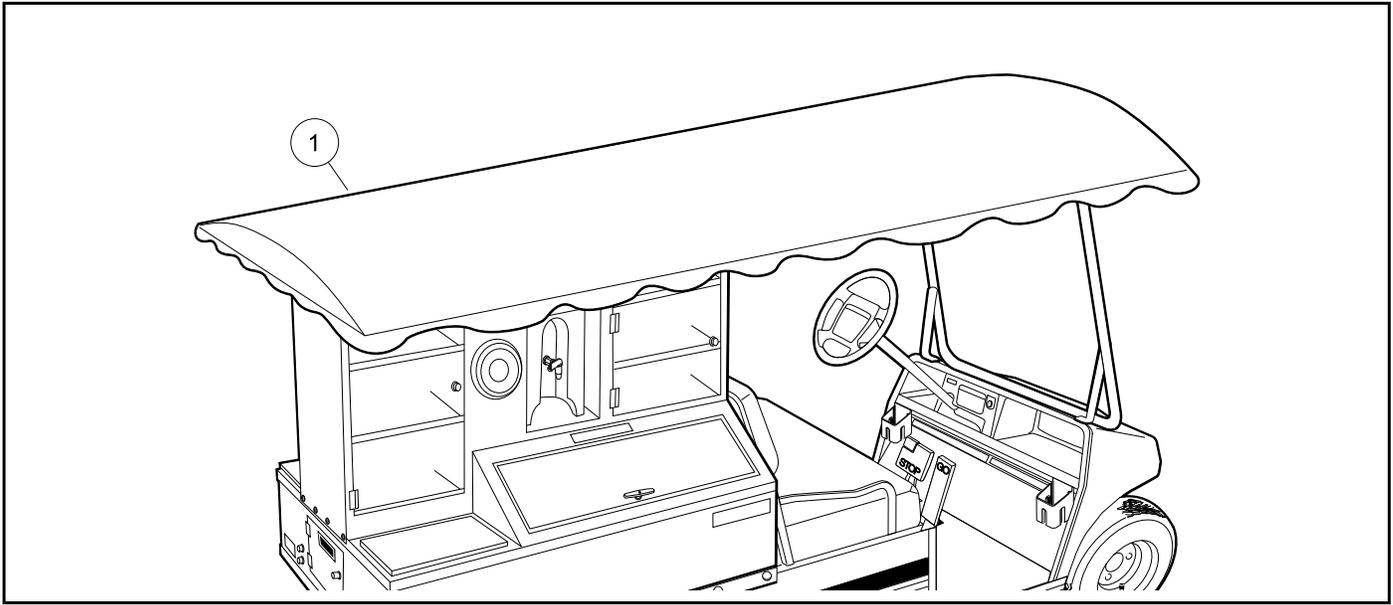
125

Figure 28 Velcro Installation

CANOPY COVER INSTALLATION

1. Spread the canopy cover (1) out over the canopy frame with the velcro strip facing inward toward the canopy frame (**Figure 29**).
2. Starting at one corner, align the bottom edge of the velcro strip on the cover with the bottom edge of the velcro strip on the frame. Continue working around vehicle until canopy cover is completely secured to canopy frame.

NOTE: Installation of the canopy cover will require some stretching of the cover material. Be careful not to stretch the canopy cover so tightly that the fabric tears.

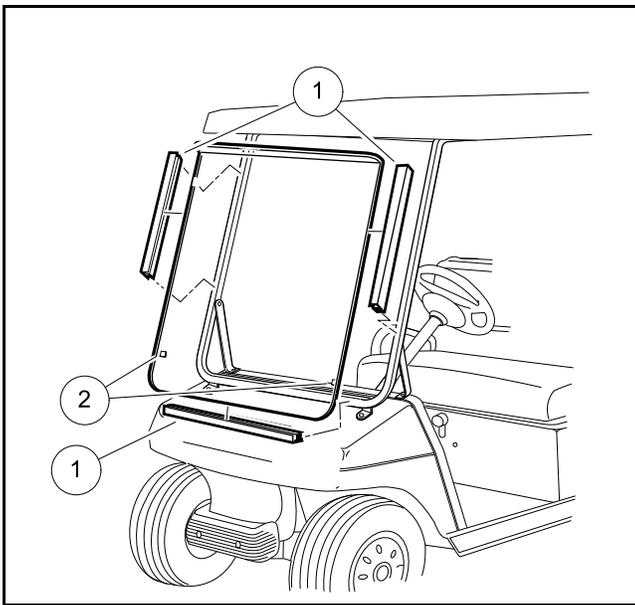


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Figure 29 Canopy Cover Installation

WINDSHIELD INSTALLATION

1. Install the two rubber bumpers (2) on the frame side of the windshield (**Figure 30**).
2. Install the three mounting channels (1) onto the windshield as shown. Push all three channels onto the frame evenly until the channels are firmly attached to the frame.



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Figure 30 Windshield Installation

QUESTIONS

Questions or comments regarding this kit instruction should be referred to your local Club Car dealer or distributor. Please know your vehicle model and have this kit instruction available when you call.

WARRANTIES

CLUB CAR® LIMITED TWO YEAR WARRANTY FOR 2008 TRANSPORTATION AND UTILITY VEHICLES

1. **WARRANTY:**

CLUB CAR, INC., ("CLUB CAR") hereby warrants to the Original Retail Purchaser that its new 2008 Model Transportation and Utility Vehicles purchased from CLUB CAR or an authorized dealer shall be free from defects in material and workmanship under normal use and service as a transportation or utility vehicle for the periods stated below, subject to the provisions, limitations and exclusions contained in this limited warranty.

LIMITED TWO YEAR / 2000 HOUR WARRANTY: The engine assembly, unitized transaxle assembly (gasoline vehicle), starter/generator (gasoline vehicle), motor, transaxle assembly (electric vehicle), main frame assembly, box bed hydraulic dump kit, Custom Cab assembly and doors, and Driving Range Protective Enclosure are warranted with respect to parts and labor against defects in material and workmanship for a period of two years or 2000 hours of operation, whichever first occurs, from the date of purchase.

LIMITED ONE YEAR / 1000 HOUR WARRANTY: All remaining components of the vehicle not specified otherwise, the Portable Refreshment Center, and all other original equipment options and accessories supplied by CLUB CAR are warranted with respect to parts and labor against defects in material and workmanship for a period of one year or 1000 hours of operation, whichever first occurs, from the date of purchase.

This limited warranty covers material, workmanship and repair labor cost as to those items specifically listed above for the periods specified. Such repair labor shall be performed only by CLUB CAR, its authorized dealers, or a service agency approved by CLUB CAR.

IF THE WARRANTY REGISTRATION FORM IS NOT COMPLETED AND RETURNED TO CLUB CAR AT THE TIME OF THE ORIGINAL RETAIL SALE, PURCHASER MUST PROVIDE PROOF OF DATE OF PURCHASE WITH ANY WARRANTY CLAIM.

2. **EXCLUSIONS:**

Excluded from any CLUB CAR warranty are all fuses, filters, decals (except safety decals), spark plugs, light bulbs, lubricants, trim pieces, seats, routine wear items such as the charger plug and receptacle, brake shoes, belts, brushes, bushings, drive buttons, engine mounts, mats and pads, maintenance adjustments, cosmetic deterioration, and items which deteriorate or fail due to exposure or ordinary wear and tear. Batteries, battery charger, onboard computer, and solid-state speed controller are covered under separate CLUB CAR warranties. Also excluded from any CLUB CAR warranty is damage to a vehicle or component resulting from a cause other than a defect including unreasonable or unintended strain or use, improper installation of accessories, installation of parts or accessories that are not original equipment, overloading, accident, alteration, abuse or neglect.

Transportation expenses for warranty services are also excluded from this warranty.

3. **VOIDING OF WARRANTY:**

THIS AND ANY OTHER WARRANTY SHALL BE VOID IF THE VEHICLE IS ABUSED OR USED IN AN UNINTENDED MANNER OR SHOWS INDICATIONS THAT IT HAS BEEN ALTERED IN ANY WAY, INCLUDING, BUT NOT LIMITED TO, MODIFICATION OF THE SPEED GOVERNOR, BRAKING SYSTEM, STEERING, TRANSAXLE, OR OTHER OPERATING SYSTEMS OF THE VEHICLE TO CAUSE IT TO PERFORM OUTSIDE CLUB CAR SPECIFICATIONS. THE WARRANTY IS LIKEWISE VOID IF THE VEHICLE INVOLVED SHOWS INDICATIONS THAT REASONABLE OR NECESSARY MAINTENANCE AS OUTLINED IN THE OWNER'S MANUAL AND MAINTENANCE AND SERVICE MANUAL WAS NOT PERFORMED AT THE TIME AND IN THE MANNER SPECIFIED IN SUCH MANUALS.

4. **SOLE REMEDY:**

CLUB CAR's liability under this limited warranty, or in any action whether based upon warranty, contract, negligence, strict product liability or otherwise, shall be the repair or replacement, at CLUB CAR's option, of the vehicle or component thereof that CLUB CAR deems to be defective. Replacement shall mean furnishing, during the applicable limited warranty period, a new vehicle or factory-reconditioned vehicle or component thereof that is identical or reasonably equivalent to the warranted product or component at no cost to the purchaser. Repair shall mean remedying a defect in the vehicle or component thereof at no cost to the purchaser during the applicable limited warranty period. If CLUB CAR elects to repair the vehicle, it may provide factory-reconditioned parts or components. All parts and components replaced under warranty shall become the property of CLUB CAR.

5. **HOW TO MAKE A WARRANTY CLAIM:**

To make a warranty claim under this limited warranty, you must present the vehicle or defective component to an authorized CLUB CAR dealer or send the defective component, freight prepaid, to WARRANTY SERVICES, CLUB CAR, INC., 4125 Washington Road, Evans, Georgia 30809, U.S.A., 706-863-3000.

6. **DISCLAIMER:**

THIS LIMITED WARRANTY IS EXCLUSIVE. CLUB CAR MAKES NO OTHER WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED. ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEED THE OBLIGATIONS OR TIME LIMITS STATED IN THIS WARRANTY ARE HEREBY DISCLAIMED BY CLUB CAR AND EXCLUDED FROM THIS WARRANTY. THE PURCHASER AND CLUB CAR EXPRESSLY AGREE THAT THE REMEDY OF THE REPLACEMENT OR REPAIR OF THE DEFECTIVE VEHICLE OR COMPONENT THEREOF IS THE SOLE REMEDY OF THE PURCHASER. CLUB CAR MAKES NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, AND NO REPRESENTATIVE, EMPLOYEE, OR DEALER OF CLUB CAR HAS THE AUTHORITY TO MAKE OR IMPLY ANY REPRESENTATION, PROMISE OR AGREEMENT, WHICH IN ANY WAY VARIES THE TERMS OF THIS WARRANTY.

7. **NO CONSEQUENTIAL DAMAGES:**

IN NO EVENT SHALL CLUB CAR BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS RELATED TO PROPERTY OTHER THAN THE VEHICLE, LOSS OF USE, LOSS OF TIME, INCONVENIENCE, OR ANY OTHER ECONOMIC LOSS.

Some states allow neither limitation on the duration of an implied warranty nor exclusions or limitation 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.

8. **INFORMATION:**

For further information contact WARRANTY SERVICES, CLUB CAR, INC., P.O. Box 204658, Augusta, Georgia 30917- 4658, U.S.A., 706-863-3000.

9. **WARNING:**

Any modification or alteration of any vehicle beyond factory specifications, including those that affect the weight distribution, stability, or speed of the vehicle, can cause serious personal injury or death.

CALIFORNIA EMISSION CONTROL WARRANTY STATEMENT

Your new Club Car, Inc. ("CLUB CAR") vehicle engine complies with both the U.S. EPA and State of California emission regulations. However, the use of gasoline powered golf cars in areas of California that do not attain the federal ozone standards is illegal. Please refer to the Air Resources Board information at <http://www.arb.ca.gov/enf/enf.htm> for compliance.

YOUR WARRANTY RIGHTS AND OBLIGATIONS:

The California Air Resources Board ("CARB") and CLUB CAR are pleased to explain the emission control system warranty on your 2008 vehicle engine. In California, new small off-road engines (SORE) must be designed, built and equipped to meet the State's stringent anti-smog standards. CLUB CAR must warrant the emission control system on the vehicle engine for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your small off-road engine. Your emission control system may include parts such as the carburetor or fuel-injection system, the ignition system, and catalytic converter. Also included may be hoses, belts, connectors and other emission-related assemblies. Where a warrantable condition exists, CLUB CAR will repair your vehicle engine at no cost to you including diagnosis, parts and labor.

MANUFACTURER'S WARRANTY COVERAGE:

This emission control system is warranted for two years. If any emission-related part on your equipment is defective, the part will be repaired or replaced by CLUB CAR.

OWNER'S WARRANTY RESPONSIBILITIES:

- As the vehicle engine owner, you are responsible for the performance of the required maintenance listed in your owner's manual. CLUB CAR recommends that you retain all receipts covering maintenance on your vehicle engine, but CLUB CAR cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.
- As the vehicle engine owner, you should however be aware that CLUB CAR may deny you warranty coverage if vehicle engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.
- You are responsible for presenting vehicle engine to a CLUB CAR distribution center as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

If you have any questions regarding your warranty rights and responsibilities, you should contact WARRANTY SERVICES, CLUB CAR, INC., P.O. Box 204658, Augusta, Georgia 309017-4658, U.S.A., 1-706-863-3000.

CLUB CAR EXPLANATION OF EMISSION CONTROL WARRANTY:

1. WARRANTY:

CLUB CAR warrants to the ultimate purchaser and each subsequent purchaser that the SORE or equipment is designed, built and equipped so as to conform with all applicable regulations; and free from defects in materials and workmanship that cause the failure of a warranted part to be identical in all material respects to that part as described in CLUB CAR's application for certification. The warranty period begins on the date the engine or equipment is delivered to an ultimate purchaser or first placed into service. The warranty period is two years.

2. COVERAGE:

Subject to certain conditions and exclusions as stated below, the warranty on emission-related parts is as follows:

- (1) Any warranted part that is not scheduled for replacement as required maintenance in the written instructions supplied, is warranted for the warranty period stated above. If the part fails during the period of warranty coverage, the part will be repaired or replaced by CLUB CAR according to subsection (4) below. Any such part repaired or replaced under warranty will be warranted for the remainder of the period.
- (2) Any warranted part that is scheduled only for regular inspection in the written instructions supplied is warranted for the warranty period stated above. Any such part repaired or replaced under warranty will be warranted for the remaining warranty period.
- (3) Any warranted part that is scheduled for replacement as required maintenance in the written instructions supplied is warranted for the period of time before the first scheduled replacement date for that part. If the part fails before the first scheduled replacement, the part will be repaired or replaced by CLUB CAR according to subsection (4) below. Any such part repaired or replaced under warranty will be warranted for the remainder of the period prior to the first scheduled replacement point for the part.
- (4) Repair or replacement of any warranted part under the warranty provisions herein must be performed at a warranty station* at no charge to the owner.

(5) Notwithstanding the provisions herein, warranty services or repairs will be provided at all of our distribution centers that are franchised to service the subject engines or equipment.

(6) The engine or equipment owner will not be charged for diagnostic labor that is directly associated with diagnosis of a defective, emission-related warranted part, provided that such diagnostic work is performed at a warranty station*.

(7) CLUB CAR is liable for damages to other engine or equipment components proximately caused by a failure under warranty of any warranted part.

(8) Throughout the engine or equipment warranty period stated above, CLUB CAR will maintain a supply of warranted parts sufficient to meet the expected demand for such parts.

(9) Any replacement part may be used in the performance of any warranty maintenance or repairs and must be provided without charge to the owner. Such use will not reduce the warranty obligations of CLUB CAR.

(10) Add-on or modified parts that are not exempted by the Air Resources Board may not be used. The use of any non-exempted add-on or modified parts by the ultimate purchaser will be grounds for disallowing a warranty claims. CLUB CAR will not be liable to warrant failures of warranted parts caused by the use of a non-exempted add-on or modified part. *CLUB CAR, its authorized dealers, or a service agency approved by CLUB CAR.

ITEMS COVERED BY THIS WARRANTY:

The repair or replacement of any warranted part otherwise eligible for warranty coverage may be excluded from such warranty coverage if CLUB CAR demonstrates that the engine or equipment has been abused, neglected, or improperly maintained, and that such abuse, neglect, or improper maintenance was the direct cause of the need for repair or replacement of the part. That notwithstanding, any adjustment of a component that has a factory installed, and properly operating, adjustment limiting device is still eligible for warranty coverage. The following emission warranty parts list are covered:

SYSTEMS COVERED	PARTS DESCRIPTION
Fuel Metering	Carburetor assembly, fuel injection pump, fuel injection nozzle, fuel regulator
Exhaust	Catalytic Converter, Exhaust Manifold
Air Induction	Air filter housing, air filter*, crankcase breather tube
Ignition	Flywheel magneto, ignition pulse generator, ignition coil assembly, ignition control module, spark plug cap, spark plug*
Positive Crankcase Ventilation (PCV) System	PCV valve, oil filler cap
Evaporative System	Fuel Tank, Fuel Cap, Fuel Lines, Fuel Line Fittings, Clamps, Pressure Relief Valves, Purge Valves, Vapor Hoses, Carbon Canister, Canister Mounting Brackets, Carbon Canister Purge Port Connector
Misc. Parts	Belts, hosing, tubing, fittings, seals, gaskets, clamps, and switches associated with the above systems

Emission-related parts will vary between vehicles; therefore, certain vehicles may not include all of the listed parts or may include equivalent parts.

3. EXCLUSIONS:

Excluded from this warranty is damage to a vehicle or component resulting from a cause other than a defect including unreasonable or unintended strain or use, improper installation of accessories, installation of parts or accessories that are not original equipment, overloading, accident, alteration, abuse or neglect. This warranty covers only those failures resulting from defects in material or workmanship.

Transportation expenses for warranty services are also excluded from this warranty.

4. VOIDING OF WARRANTY:

THIS AND ANY OTHER WARRANTY SHALL BE VOID IF THE VEHICLE IS ABUSED OR USED IN AN UNINTENDED MANNER OR SHOWS INDICATIONS THAT IT HAS BEEN ALTERED IN ANY WAY, INCLUDING, BUT NOT LIMITED TO, MODIFICATION OF THE SPEED GOVERNOR, BRAKING SYSTEM, STEERING, TRANSAXLE, OR OTHER OPERATING SYSTEMS OF THE VEHICLE TO CAUSE IT TO PERFORM OUTSIDE CLUB CAR SPECIFICATIONS. THE WARRANTY IS LIKEWISE VOID IF THE VEHICLE INVOLVED SHOWS INDICATIONS THAT REASONABLE OR

NECESSARY MAINTENANCE AS OUTLINED IN THE OWNERS MANUAL AND MAINTENANCE AND SERVICE MANUAL WAS NOT PERFORMED AT THE TIME AND IN THE MANNER SPECIFIED IN SUCH MANUALS.

5. NO CONSEQUENTIAL DAMAGES:

In no event shall Club Car be liable for any incidental or consequential damages including, but not limited to, loss related to property other than the vehicle, loss of use, loss of time, inconvenience, or any other economic loss. This warranty is applicable only where the California or U.S. EPA emission control system warranty regulation is in effect.

6. HOW TO MAKE A WARRANTY CLAIM:

To make a warranty claim under this limited warranty, you must present the vehicle or defective component to an authorized CLUB CAR dealer or send the defective component, freight prepaid, to WARRANTY SERVICES, CLUB CAR, INC., 4125 Washington Road, Evans, Georgia 30809, U.S.A., 706-863-3000.

IF THE WARRANTY REGISTRATION FORM IS NOT COMPLETED AND RETURNED TO CLUB CAR AT THE TIME OF THE ORIGINAL RETAIL SALE, PURCHASER MUST PROVIDE PROOF OF DATE OF PURCHASE WITH ANY WARRANTY CLAIM.

EMISSION CONTROL INFORMATION

Fuel Information

THIS VEHICLE IS CERTIFIED TO OPERATE ON UNLEADED REGULAR GRADE GASOLINE ONLY. A minimum of 87 octane of the anti-knock index is recommended. The anti-knock index is posted on service station pumps in the U.S.A.

Emission Control Information

To protect the environment in which we all live, Club Car has incorporated crankcase emission (1) and exhaust emission (2) control systems (EM) in compliance with applicable regulations of the U.S. Environmental Protection Agency and California Air Resources Board.

1. Crankcase Emission Control System

A sealed-type crankcase emission control system is used to eliminate blow-by gases. The blow-by gases are led to the breather chamber through the crankcase. Then, it is led to the air cleaner.

Oil is separated from the gases while passing through the inside of the breather chamber from the crankcase, and then returned back to the bottom of the crankcase.

2. Exhaust Emission Control System

The exhaust emission control system applied to this engine consists of a carburetor and an ignition system having optimum ignition timing characteristics.

The carburetors have been calibrated to provide lean air/fuel mixture characteristics and optimum fuel economy with a suitable air cleaner and exhaust system.

Maintenance and Warranty

Proper maintenance is necessary to ensure that your engine will continue to have low emission levels. Those items identified by the Periodic Maintenance Chart are necessary to ensure compliance with the applicable standards.

The Club Car Limited Emission Control System Warranty requires that you return your engine to an authorized Club Car Dealer for remedy under warranty. Please read the warranty carefully, and keep it valid by complying with the owner's obligations it contains.

Tampering with Emission Control System Prohibited

California State law prohibits the following

acts or the causing thereof: (1) the removal or rendering inoperative by any person other than for purposes of maintenance, repair, or replacement, of any device or element of design incorporated into any new engine for the purposes of emission control prior to its sale or delivery to the ultimate purchaser or while it is in use, or (2) the use of the engine after such device or element of design has been removed or rendered inoperative by any person.

Among those acts presumed to constitute tampering are the acts listed below:

Do not tamper with the original emission related parts:

- Carburetor and internal parts
- Spark plugs
- Magneto or electronic ignition system
- Fuel filter element
- Air cleaner element
- Crankcase
- Cylinder head
- Breather chamber and internal parts
- Intake pipe and tube

FUEL AND OIL RECOMMENDATIONS

Fuel

Use only clean, fresh, unleaded regular grade gasoline.

Octane Rating

The octane rating of a gasoline is a measure of its resistance to "knocking". Use of a minimum of 87 octane of the anti-knock index is recommended. The anti-knock index is posted on service station pumps in the U.S.A.

NOTE

- If "knocking or pinging" occurs, use a different brand of gasoline or higher octane rating.

CAUTION

- Do not mix oil with gasoline.

Oxygenated Fuel

If you use oxygenated fuel (either ethanol or MTBE added to gasoline), be sure it is unleaded and meets the minimum octane rating requirement.

The following are the EPA approved percentages of fuel oxygenates.

ETHANOL: (Ethyl or Grain Alcohol) You may use gasoline containing up to 10% ethanol by volume.

MTBE: (Methyl Tertiary Butyl Ether) You may use gasoline containing up to 15% MTBE by volume.

METHANOL: (Methanol or Wood Alcohol) 5% by volume.

You may use gasoline containing up to 5% methanol by volume, as long as it also contains cosolvents and corrosion inhibitors to protect the fuel system. Gasoline containing more than 5% methanol by volume may cause starting and/or performance problems. It may also damage metal, rubber, and plastic parts of your fuel system.

WARNING

- Gasoline is extremely flammable and can be explosive under certain conditions. Turn the engine switch OFF. Do not smoke. Make sure the area is well ventilated and free from any source of flame or sparks; this includes any appliance with a pilot light. Never fill the tank so the fuel level rises into the filler neck. If the tank is overfilled, heat may cause the fuel to expand and overflow through the vent in the fuel tank.

Engine Oil

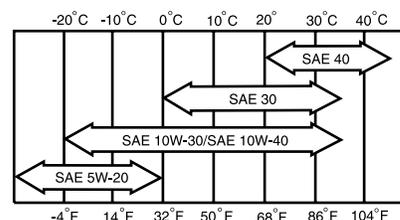
The following engine oils are recommended. API Service Classification: SC, SD, SE, SF, SG, or SH.

WARNING

- After refueling, make sure the tank cap is closed securely.
- If gasoline is spilled on the fuel tank wipe it off immediately.

Oil Viscosity

Choose the viscosity according to the temperature as follows:



NOTE

- Using multi-grade oils (5W-20, 10W-30, and 10W-40) will increase oil consumption. Check oil level more frequently when using them.

Publication Part Number 103372926

Edition Code 0607C0608B



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Manual No. 103372926

