

## WARNING CONCRETE BUGGY SAFETY

Any piece of equipment can be dangerous if not operated properly. **YOU** are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface or render inoperable any of the safety devices or warnings on this equipment. **IF** any safety devices or warnings have been removed, defeated, defaced or rendered inoperable, **DO NOT USE THIS EQUIPMENT!!!**

**⚠️WARNING:** Operating, servicing and maintaining this equipment can expose you to chemicals including engine exhaust, carbon monoxide and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize your exposure, avoid breathing exhaust, do not idle the engine except as necessary, operate and service your equipment in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

### IMPORTANT SAFETY RULES TO FOLLOW

Engine exhaust and some of its constituents, and some dust created of California to cause cancer, birth defects and other reproductive harm by power sanding, sawing, grinding,

Drilling and other construction activities contains chemicals known to the State. Some examples of these chemicals are: Lead from lead-based paints. Crystalline silica from bricks. Cement and other masonry products. Arsenic and chromium from chemically treated lumber. Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: **ALWAYS** work in a well-ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

**DANGER** This Concrete Buggy can travel up, down or side to side on a maximum grade of 10% (6°). Do not travel on steeper slopes.

Use extreme caution when operating on grades. Rollover is not covered by the Equipment Protection Plan.

**DANGER:** THIS EQUIPMENT HAS MULTIPLE PINCH POINTS THAT CAN CAUSE DISMEMBERMENT OR DEATH! KEEP HANDS, FEET AND ALL OTHER BODY PARTS CLEAR AT ALL TIMES. Always Wear Eye, Foot, Hand and Dust Protection!

## SAFETY INFORMATION

Do not operate or service the equipment before reading the entire manual. Safety precautions should be followed at all times when operating this equipment. Failure to read and understand the safety messages and operating instructions could result in injury to yourself and others.



### SAFETY MESSAGES

The four safety messages shown below will inform you about potential hazards that could injure you or others. The safety messages specifically address the level of exposure to the operator and are preceded by one of four words: **DANGER, WARNING, CAUTION** or **NOTICE**.

### SAFETY SYMBOLS

<b>⚠️ DANGER</b>
Indicates a hazardous situation which, if not avoided, <b>WILL</b> result in <b>DEATH</b> or <b>SERIOUS INJURY</b> .
<b>⚠️ WARNING</b>
Indicates a hazardous situation which, if not avoided, <b>COULD</b> result in <b>DEATH</b> or <b>SERIOUS INJURY</b> .
<b>⚠️ CAUTION</b>
Indicates a hazardous situation which, if not avoided, <b>COULD</b> result in <b>MINOR</b> or <b>MODERATE INJURY</b> .
<b>NOTICE</b>
Addresses practices not related to personal injury.

Potential hazards associated with the operation of this equipment will be referenced with hazard symbols which may appear throughout this manual in conjunction with safety messages.

Symbol	Safety Hazard
	Lethal exhaust gas hazards
	Explosive fuel hazards
	Burn hazards
	Rotating parts hazards
	Hydraulic fluid hazards

## SAFETY INFORMATION

### GENERAL SAFETY

#### CAUTION

- **NEVER** operate this equipment without proper protective clothing, shatterproof glasses, respiratory protection, hearing protection, steel-toed boots and other protective devices required by the job or city and state regulations.



- Avoid wearing jewelry or loose fitting clothes that may snag on the controls or moving parts as this can cause serious injury.
- **NEVER** operate this equipment when not feeling well due to fatigue, illness or when under medication.
- **NEVER** operate this equipment under the influence of drugs or alcohol.



- **ALWAYS** clear the work area of any debris, tools, etc. that would constitute a hazard while the equipment is in operation.
- No one other than the operator is to be in the working area when the equipment is in operation.
- **DO NOT** use the equipment for any purpose other than its intended purposes or applications.

#### NOTICE

- This equipment should only be operated by trained and qualified personnel 18 years of age and older.
- Whenever necessary, replace nameplate, operation and safety decals when they become difficult to read.
- Manufacturer does not assume responsibility for any accident due to equipment modifications. Unauthorized equipment modification will void all warranties.
- **NEVER** use accessories or attachments that are not recommended by Multiquip for this equipment. Damage to the equipment and/or injury to user may result.
- **ALWAYS** know the location of the nearest fire extinguisher.
- **ALWAYS** know the location of the nearest first aid kit.
- **ALWAYS** know the location of the nearest phone or **keep a phone on the job site**. Also, know the phone numbers of the nearest ambulance, doctor and fire department. This information will be invaluable in the case of an emergency.



## SAFETY INFORMATION

### POWER BUGGY SAFETY

#### DANGER

- Engine fuel exhaust gases contain poisonous carbon monoxide. This gas is colorless and odorless, and can cause death if inhaled.
- The engine of this equipment requires an adequate free flow of cooling air. **NEVER** operate this equipment in any enclosed or narrow area where free flow of the air is restricted. If the air flow is restricted it will cause injury to people and property and serious damage to the equipment or engine.



- **NEVER** operate the equipment in an explosive atmosphere or near combustible materials. An explosion or fire could result causing severe bodily harm or even death.



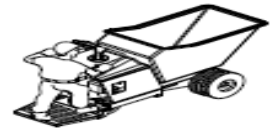
#### WARNING

- **NEVER** use your hand to find hydraulic leaks. Use a piece of wood or cardboard. Hydraulic fluid injected into the skin must be treated by a knowledgeable physician immediately or severe injury or death can occur.
- Accidental starting can cause severe injury or death. **ALWAYS** place the ON/OFF switch in the OFF position.
- **NEVER** disconnect any emergency or safety devices. These devices are intended for operator safety. Disconnection of these devices can cause severe injury, bodily harm or even death. Disconnection of any of these devices will void all warranties.
- **NEVER** approach power lines with any part of the buggy unless all local, state/provincial and federal (OSHA) required safety precautions have been taken. Use extreme caution when approaching high voltage power lines.



#### CAUTION

- **ALWAYS** inspect the surface over which you will travel. Look for holes, drop-offs and obstacles. Look for rough and weak spots on docks, ramps or floor. Look for oil spills, wet spots and slippery surfaces. Look for soft soil, deep mud and standing water. Watch for anything that might make you lose control or cause the power buggy to tip over.
- **ALWAYS** clear away trash and debris. Pick up anything that might puncture the tires.
- **ALWAYS** make sure aisles, ramps, doorways and passages are clear.
- **ALWAYS** plan your work. Make sure you know where you will make your pickups, dumps and turns. Before you take a load, know where you will place it.
- **NEVER** operate the power buggy facing backwards. In a backwards position, the operator cannot properly activate the manual brake, emergency switch, grip the handles or steer the machine. **ALWAYS** face in the direction of the bucket.
- **DO NOT** operate the power buggy on unsafe haul roads, load areas, and dump areas.
- **DO NOT** operate power buggy on excessive slopes with a grade higher than 10% (6°), forward and backward or side to side.
- **DO NOT** operate power buggy on extremely uneven surfaces.
- **NEVER** allow riders other than the operator on the power buggy.
- **ALWAYS** secure the step plate (platform) in the upright position when using the power buggy over rough terrain.
- **DO NOT** stand on the power buggy step plate (platform) when walking in rough terrain. Walk behind the power buggy.
- **DO NOT** touch, lean on or reach through the dump mechanism or permit others to do so. **NEVER** climb on the power buggy or dump mechanism.





## SAFETY INFORMATION

- **DO NOT** operate the power buggy at excessive speeds. Reckless operation may cause accidents and severe injury. Slow down when approaching people, wet areas, and going up and down grades. It is the responsibility of the operator to adjust speed, as necessary, depending on the conditions of the road or path.
  - **ALLOW** extra time to stop when operating the power buggy on wet surfaces or loosely graded materials.
  - **ONLY** remove the outer tires when it is necessary to reduce the width of the power buggy in order to access narrow work areas. If outer tires are removed, the power buggy must only be used on level, solid surfaces such as concrete, asphalt, or compacted stone to prevent the power buggy from tipping. The maximum load must also be reduced to 1000 lb.
  - **DO NOT** dump materials that are large and chunky. These types of material may shift causing the power buggy to tip and throw the operator off the machine. The power buggy is intended for dumping free-flowing and loose materials such as dry soil, slag, and wet concrete.
  - **DO NOT** dump materials from bucket while the power buggy is moving.
  - For walk behind operation, the operator platform must be stowed and locked in the up position. The speed should also be reduced to 3 mph or slower.
- NOTICE**
- **ALWAYS** ensure power buggy is **securely** placed on appropriate blocks or jackstands when performing maintenance requires elevation of the buggy.
  - **ALWAYS** make sure the power buggy's brakes are working properly. Check brake linkage and adjust as required. **NEVER** operate the power buggy with a defective braking system.
  - Ensure brakes are applied when leaving or when using on a slope.
  - When parking on a slope, position the power buggy at a right angle to a slope. Ensure that the parking brake is engaged and holds the power buggy safely in place when parking on a slope.
- **ALWAYS** block the power buggy with appropriate blocks when leaving the power buggy parked on a slope.
  - To prevent unexpected loss of control, **DO NOT** start engine on a sloping surface.
  - Ensure that the speed control lever works freely and returns to the closed position. **DO NOT** start engine unless speed control linkage is working properly.
  - Make sure that the tires are inflated to the manufacturer's recommended tire pressure.
  - **NEVER** operate the power buggy with bad or worn tires. **ALWAYS** replace defective tires with new ones.
  - **ALWAYS** make sure the hydraulic dumping mechanism of the tub is working properly.
  - Avoid sudden stops and starts and changes in direction. Operate the controls smoothly. **DO NOT** jerk the steering or any other controls.
  - **NEVER** attempt to work the control except from the operator's position.
  - **NEVER** drive or tow the power buggy in traffic or on public roads.
  - **ALWAYS** keep the machine in proper running condition.
  - Fix damage to machine and replace any broken parts immediately.
  - The entire power buggy (tub, step plate, shroud, wheels, etc.) should be cleaned after every use. Make sure there is no buildup of concrete, grease, oil or debris on the machine.
  - **ALWAYS** store equipment properly when it is not being used. Equipment should be stored in a clean, dry location out of the reach of children and unauthorized personnel.


## SAFETY INFORMATION

### ENGINE SAFETY


#### ⚠ WARNING

- **DO NOT** place hands or fingers inside engine compartment when engine is running. 
- **NEVER** operate the engine with heat shields or guards removed.
- Keep fingers, hands hair and clothing away from all moving parts to prevent injury. 
- **ALWAYS** shut down the engine before performing service or maintenance.
- **DO NOT** remove the engine oil drain plug while the engine is hot. Hot oil will gush out of the oil tank and severely scald any persons in the general area of the power buggy.

#### ⚠ CAUTION

- **NEVER** touch the hot exhaust manifold, muffler or cylinder. Allow these parts to cool before servicing equipment. 
- Make certain the operator knows how to and is capable of turning the engine OFF in case of an emergency.


#### NOTICE

- **NEVER** run engine without an air filter or with a dirty air filter. Severe engine damage may occur. Service air filter frequently to prevent engine malfunction.
- **NEVER** tamper with the factory settings of the engine or engine governor. Damage to the engine or equipment can result if operating in speed ranges above the maximum allowable. 

### FUEL SAFETY


#### ⚠ DANGER

- **DO NOT** start the engine near spilled fuel or combustible fluids. Fuel is extremely flammable and its vapors can cause an explosion if ignited.
- **ALWAYS** refuel in a well-ventilated area, away from sparks and open flames.


- **ALWAYS** use extreme caution when working with flammable liquids.
- **DO NOT** fill the fuel tank while the engine is running or hot.
- **DO NOT** overfill tank, since spilled fuel could ignite if it comes into contact with hot engine parts or sparks from the ignition system.
- Store fuel in appropriate containers, in well-ventilated areas and away from sparks and flames.
- **NEVER** use fuel as a cleaning agent.
- **DO NOT** smoke around or near the equipment. Fire or explosion could result from fuel vapors or if fuel is spilled on a hot engine. 
- **DO NOT** leave the power buggy in the vicinity of ovens, furnaces or radiant heaters. Heat could raise the pressure of the fuel so that vented gas could ignite.

### BATTERY SAFETY (ELECTRIC START ONLY)


#### ⚠ DANGER

- **DO NOT** drop the battery. There is a possibility that the battery will explode.
- **DO NOT** expose the battery to open flames, sparks, cigarettes, etc. The battery contains combustible gases and liquids. If these gases and liquids come into contact with a flame or spark, an explosion could occur. 

#### ⚠ WARNING

- **ALWAYS** wear safety glasses when handling the battery to avoid eye irritation. The battery contains acids that can cause injury to the eyes and skin. 
- Use well-insulated gloves when picking up the battery.
- **ALWAYS** keep the battery charged. If the battery is not charged, combustible gas will build up.
- **DO NOT** charge battery if frozen. Battery can explode. When frozen, warm the battery to at least 61°F (16°C).

## SAFETY INFORMATION

- **ALWAYS** recharge the battery in a well-ventilated environment to avoid the risk of a dangerous concentration of combustible gases.
- If the battery liquid (dilute sulfuric acid) comes into contact with **clothing or skin**, rinse skin or clothing immediately with plenty of water. 
- If the battery liquid (dilute sulfuric acid) comes into contact with **eyes**, rinse eyes immediately with plenty of water and contact the nearest doctor or hospital to seek medical attention.

### CAUTION

- **ALWAYS** disconnect the **NEGATIVE** battery terminal before performing service on the equipment.
- **ALWAYS** keep battery cables in good working condition. Repair or replace all worn cables.

### LIFTING SAFETY

### CAUTION

- **NEVER** allow any person or animal to stand underneath the equipment while lifting.

### NOTICE

- When lifting of the power buggy is required, use a properly rated forklift. Forklift pockets are provided on the power buggy's frame. Make sure the forklift arms are inserted into the power buggy's fork lift pockets a minimum of 24-inches. Before lifting, make sure that the lifting bale is not damaged.
- **NEVER** tip the engine to extreme angles during lifting as it may cause oil to gravitate into the cylinder head, making the engine start difficult.
- **DO NOT** lift machine to unnecessary heights.
- **NEVER** lift the equipment while the engine is running.
- **ALWAYS** use ramps capable of supporting the weight of the power buggy and the operator to load and unload the power buggy.


### TRANSPORTING SAFETY

#### NOTICE

- **ALWAYS** shutdown engine before transporting.
- Tighten fuel tank cap securely and close fuel cock to prevent fuel from spilling.
- When transporting of the power buggy is required, place the power buggy on a flat bed truck or equivalent and tie down securely.
- **ALWAYS** make sure all tie-downs and block are in place and the bucket is completely lowered in the flat (horizontal) position and securely latched.
- Place **chock blocks** underneath wheel to prevent rolling.
- When transporting the power buggy on a truck or trailer, know the overall height to avoid contacting overhead obstructions such as bridges and power lines. Check the truck and ramp capacities.

### ENVIRONMENTAL SAFETY

#### NOTICE

- Dispose of hazardous waste properly. Examples of potentially hazardous waste are used motor oil, fuel and fuel filters. 
- **DO NOT** use food or plastic containers to dispose of hazardous waste.
- **DO NOT** pour waste, oil or fuel directly onto the ground, down a drain or into any water source.

## GENERAL INFORMATION

The MQ Whiteman Power Buggy, Models WBH16 (recoil start) and WBH16E (electric start) are intended for the transportation of concrete, concrete spreading and spot pouring. In addition, the WBH16/WBH16E is designed for landscaping applications, material sub-base distribution, job site cleanup and material transport.

The Power Buggy is equipped with a 6-inch dump height which provides clearance and enables the operator to maneuver over any form height. In addition, it has a unique polyethylene tub design that reduces concrete splatter.

A low center of gravity has been incorporated into the design which provides added safety when maneuvering the buggy in tight areas. A 5.5-gallon fuel tank allows for extended uninterrupted use. Maximum speed of the power buggy is rated at 7.25 MPH.

The maximum weight capacity of the Power Buggy is 2,500 lbs. (1,136 kg). The outer wheels can be removed to allow the buggy to pass through a 32 in. (81.28 cm.) door.

Hand and foot controls are provided for ease of dumping and stopping of the WBH16/WBH16E. Multiple lift points have been provided to allow for easy access of a forklift when lifting is required.

The WBH16/WBH16E is powered by a HONDA GX390 air cooled gasoline engine rated at 11.7 HP at 3600 RPM

The engine drives a variable displacement hydrostatic transmission which is activated by a cable controlled hand lever. The hydraulic fluid flows to a divider valve which directs the fluid to the forward reverse and dumping systems.

The operator controls the forward and reverse machine travel by manually shifting the control valve which directs the hydraulic fluid flow to the two drive wheel motors. The flow to the dump cylinder is also controlled by a manually operated control valve.

This hydraulic system uses a parallel loop configuration, operating at a maximum of 1450 PSI. The system also features a neutral position which allows the power buggy to be moved in the event of an emergency.

The hydraulic oil is filtered by a screen type filter located in the hydraulic tank, then doubled filtered within the system by a 10 micron cartridge spin-on return filter.

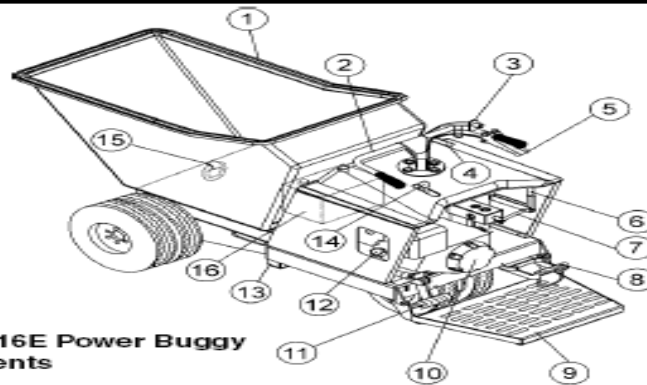
### WARNING

All operators must have training before operating the WBH16/WBH16E. For your safety, warnings are on the machine and in this manual. Failure to obey these warnings can cause severe injury or even death.

### CAUTION



**DO NOT** attempt to operate the power buggy until the Safety Information, General Information, and Inspection sections of this manual have been **read and thoroughly understood**.



**Figure 2. WBH16/WBH16E Power Buggy Components**

1. **Tub or Bucket** — Used for the transportation of material. Tub holds approximately 16 cubic feet (0.59 cubic yards) of water.
2. **Handle Bar (Steering)** — This handle bar is used to steer the buggy. When driving the buggy, use both hands and hold onto both handle bar grips.
3. **Kill Switch** — In the event of an emergency, press this button to stop the engine.
4. **Fuel Tank/Cap** — Remove this cap to add fuel. Tank holds approximately 5.5 U.S. gallons. Do not over fill.
5. **Speed Control** — Sets the power buggy's travel speed. When fully depressed, the buggy will be at FULL speed. When released, the buggy will STOP.
6. **Parking Brake Lever** — When this lever is activated (pulled down), the parking brake will be set. To release the brake, pull the lever upwards.
7. **Travel Lever** — When the travel lever is pushed forward, the buggy will travel in the forward direction. Placing the travel lever in the backward position will cause the buggy to travel in the reverse direction. Center position is neutral.
8. **Brake Pedal** — Press this pedal with the right foot to stop the buggy.
9. **Operator Platform** — When the buggy is in use, the operator shall ALWAYS stand on this platform while holding onto the handle bar (steering).
10. **Engine** — The WBH16 uses a HONDA GX390RT2QTT (recoil start) engine. The WBH16E uses a HONDA GX390RT2QNB2 (electric start) engine.
11. **Dump Pedal** — Use this pedal to place the tub in the dump position (vertical). Press pedal a second time to return tub to the travel position (horizontal).
12. **Hydraulic Tank/Cap** — Remove this cap to add hydraulic oil. Tank holds approximately 6.0 U.S. gallons. DO NOT over fill.
13. **Forklift Pockets** — Use these fork lift pockets to lift the power buggy with a forklift. Remember to insert the forks of the fork lift a minimum of 24 inches into power buggy's fork lift pockets.
14. **Dump Control Lever** — Use this lever forward to place the tub in the dump position (vertical), move the lever backward to return the tub to travel position (horizontal).
15. **Towing Hook** — Use this hook to tow the buggy if it gets stuck. This hook is NOT intended for towing the buggy on public roads at high speeds.
16. **Battery** — Used in the electric-start power buggy (WBH16E) only. Always use gloves and eye protection when handling the battery.

## INSPECTION

### PARKING BRAKE CHECK

Check the brakes as outlined in the maintenance section of this manual.

### LINKAGE CHECK

Check and make sure that all linkages within the buggy are functioning correctly.

### STEERING CHECK

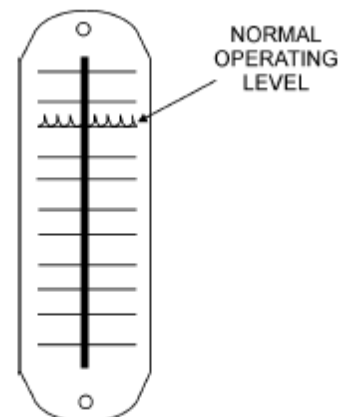
1. Check and make sure that the power buggy's steering turns freely and that there is no binding.
2. Make sure that the zerk fitting for the steering has been lubricated.

### DUMP CYLINDER CHECK

1. Check the power buggy's dump cylinder as outlined in the operation section of this manual.
2. Make sure that both zerk fittings for the dump cylinder have been lubricated.

### HYDRAULIC OIL CHECK

3. Visually read the hydraulic sight glass (Figure 7) to see if the hydraulic oil level is low.
4. If the hydraulic oil is low, add enough hydraulic oil to bring oil level to a normal safe operating level.



**Figure 7. Hydraulic Sight Glass**

## OPERATION

### CAUTION



DO NOT attempt to operate the power buggy until the Safety Information, General Information, and Inspection sections of this manual have been *read and thoroughly understood*.

### ELECTRIC START (WBH16E ONLY)

1. Before attempting to start the power buggy, make sure that the safety kill switch (Figure 19) is not pushed in. The power buggy will not start with the kill switch engaged.
2. Place the engine fuel lever to the ON position. (Figure 8).

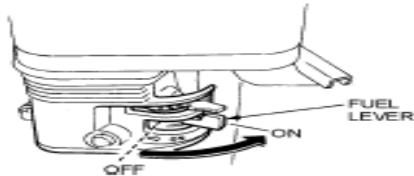


Figure 8. Engine Fuel Lever (ON Position)

3. Place the choke lever (Figure 9) in the CLOSED position if starting a cold engine.

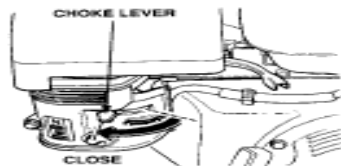


Figure 9. Engine Choke Lever (Closed)

### NOTICE

The CLOSED position of the choke lever enriches the fuel mixture for starting a cold engine. The OPEN position provides the correct fuel mixture for normal operation after starting, and for restarting a warm engine.

4. Place the choke lever (Figure 10) in the OPEN position if starting a warm engine or the temperature is warm.

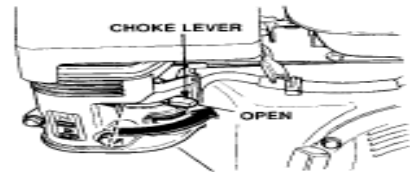


Figure 10. Engine Choke Lever (Open)

5. Move the throttle lever halfway between the FAST and SLOW position (Figure 11) for starting.

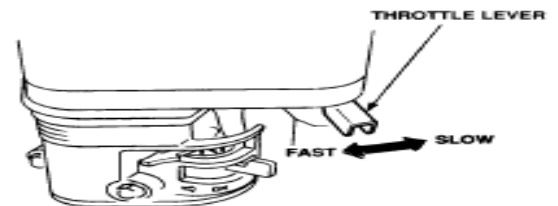


Figure 11. Throttle Lever

6. Turn the engine ON/OFF switch (Figure 12) to the START position and hold it until the engine starts. When engine starts, release the key, allowing it to return to the ON position.

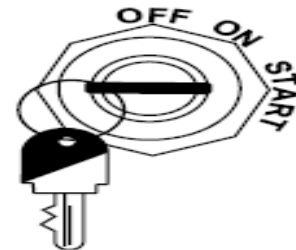


Figure 12. Engine ON/OFF Switch (Electric Start)

7. Make sure the choke lever is in the OPEN position (Figure 10) before operating the power buggy. Before the buggy is placed into operation, run the engine for several minutes. Check for fuel leaks, and noises that would associate with a loose guard or cover.

## RECOIL START

1. Follow steps 1 through 5 of the Electric Start procedure.
2. Place the Engine ON/OFF switch (Figure 13) in the ON position.



Figure 13. Engine ON/OFF Switch (Recoil Start)

3. Grasp the starter grip (Figure 14) and slowly pull it out. The resistance becomes the hardest at a certain position, corresponding to the compression point. Pull the starter grip briskly and smoothly for starting.



Figure 14. Starter Grip

### NOTICE

DO NOT pull the starter rope all the way to the end. DO NOT release the starter rope after pulling. Allow it to rewind as soon as possible.

4. If the engine has started, slowly push the choke lever inward to the RUN position. If the engine has not started, repeat steps 1 through 3.

## PARKING BRAKE/DIRECTION LEVER

Before the power buggy can be put into operational use, it is best to perform a test run to make certain that all components are functioning properly.

1. Place the buggy on flat solid ground.
2. Engage the parking brake lever.
3. Place the engine's throttle control (Figure 11) in the SLOW (idle) position.
4. Place the power buggy's direction lever (Figure 17) in the forward direction.

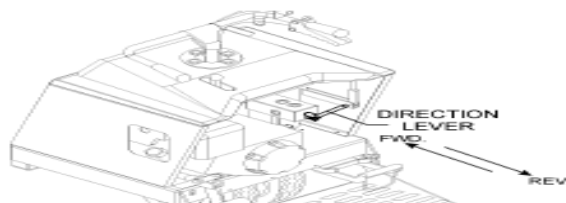


Figure 17. Direction Lever

5. Slowly squeeze the speed control lever slightly (Figure 16), for a short period of time to test the brake holding capacity. If the buggy moves forward, adjust the brakes as outlined in the maintenance section of this manual.
6. If the buggy does not move forward, release the speed control, and disengage the parking brake. If the buggy creeps forward or reverse while the parking brake is disengaged, the machine will require service adjustment of the pump control lever as outlined in the maintenance section of this manual.

## TRAVELING

1. With the engine running and parking brake released, place the direction lever (Figure 17) in the forward direction.
2. Squeeze the speed control lever (Figure 16) slightly until the buggy begins to move in a forward direction. Initially, let the buggy travel at about 3 MPH.

## PRE-CHECK

1. Engage the parking brake lever (Figure 15) and attempt to rock the buggy back and forth. If the wheels turn during the rocking motion, adjust the brakes as outlined in the maintenance section of this manual.

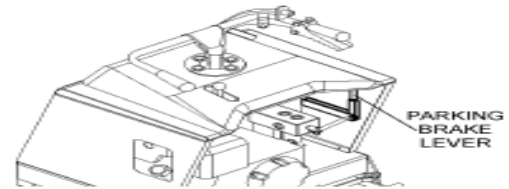


Figure 15. Parking Brake Lever

2. Place the engine's throttle lever (Figure 11) in the slow (idle) position.
3. Check the speed control lever (Figure 16) located on the right side of the handle bar. The speed control should work freely when squeezed by hand, and return to the closed position when released.

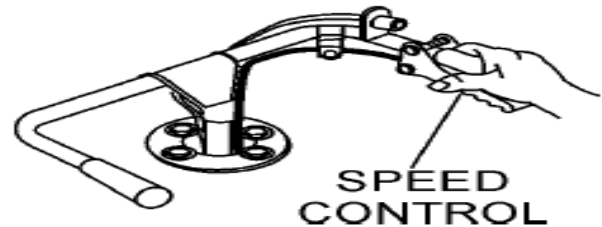


Figure 16. Speed Control Lever

3. When using the buggy for the first time, test the brake. With the right foot, step up and place it on the brake pedal (Figure 18). Gradually apply pressure to the brake pedal until the buggy comes to rest.

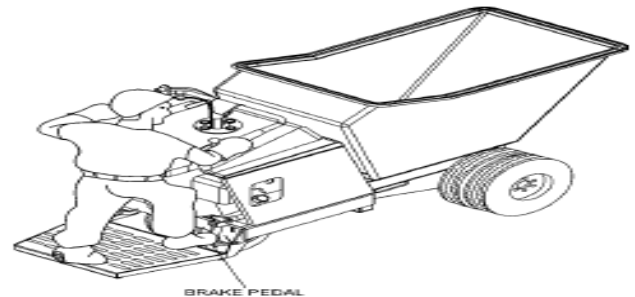


Figure 18. Brake Pedal

4. Test the brake at different speeds until you are comfortable with stopping the buggy. If the brakes do not seem to stop the buggy adequately, refer to the maintenance section of this manual for brake adjustment instructions.
5. When starting and stopping is confirmed to be functioning properly, the buggy is ready for operation.

## SHUTDOWN (NORMAL)

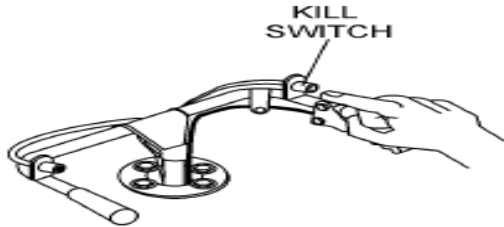
Correct shutdown is important to safe operation. Follow these general steps:

1. Come to a full stop.
2. Engage the parking brake (Figure 15).
3. Place the throttle lever (Figure 11) in the slow position. Idle engine 3-5 minutes for gradual cooling.
4. Turn the engine on/off switch (Figure 12 or Figure 13) to the OFF position to shut down the engine.
5. Cycle hydraulic controls to eliminate residual pressure.
6. Remove ignition key on electric start models.
7. Block wheels if on a slope or incline.

**EMERGENCY SHUTDOWN**

The WBH16/WBH16E is equipped with a safety kill switch. This switch is located on the right side of the handle bar.

1. Press the power buggy's kill switch (Figure 19) and listen for the engine to stop.



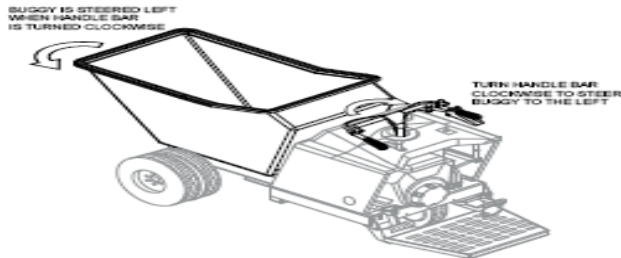
**Figure 19. Safety Kill Switch**

2. Engage the parking brake (Figure 15).
3. Turn the ignition switch (Figure 12) to the OFF position.

**STEERING**

To steer the buggy, use the handle bar in front of the operator platform.

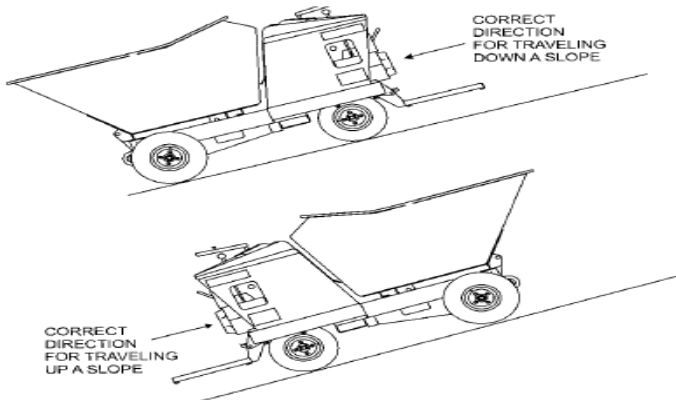
1. To turn left when traveling in the forward direction, turn the handle bar clockwise (Figure 20).



**Figure 20. Steering the Buggy**

2. To turn right when traveling in the forward direction, turn the handle bar in the counterclockwise direction.

2. When going up or down a slope, always travel in the forward direction (Figure 22).



**Figure 22. Slope Travel Direction**

**TUB (BUCKET) DUMPING**

The hydraulic dump can be controlled by hand (dump control lever) or foot (dump pedal).

1. To activate the hydraulic dump, press down on the dump pedal (Figure 23) or move the dump control lever forward. The tub will move to the vertical position as long as pressure is continuously applied to the dump pedal or the dump control lever is held in the forward position.

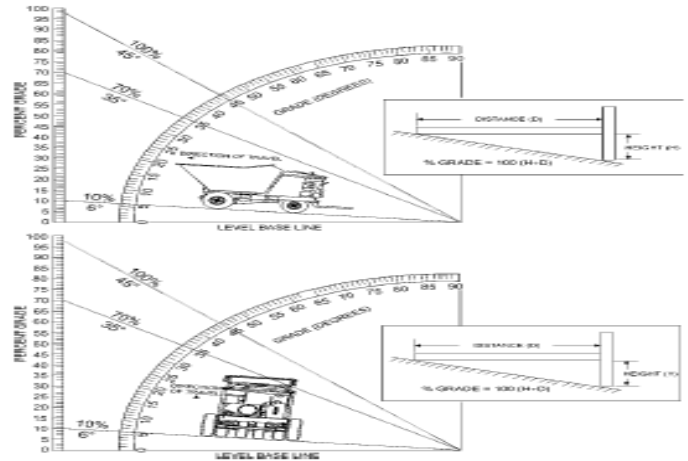
**CAUTION**  
DO NOT steer the buggy left or right when traveling up or down on a grade. Travel in a straight path.

**CAUTION**  
Avoid sudden and quick turns. When steering, turn the handle bar slowly. Always face the controls when traveling.

**TRAVELING ON A SLOPE**

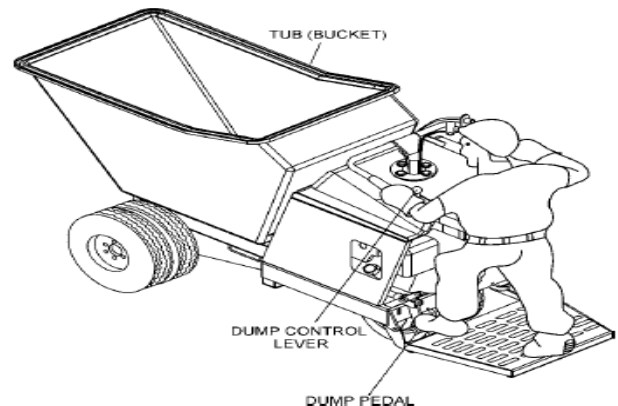
1. When traveling on a slope, it is necessary to determine the grade of the path. The WBH16/WBH16E can travel up, down or side to side on a maximum grade of 10% (6°). Do not travel on steeper slopes.

To determine the % grade of your path of travel, use the formula and graph in Figure 21.



**Figure 21. Determining Grade of Slope**

**NOTICE**  
Releasing either one (dump control lever or pedal) before dump is completed, will cause the tub to return to the horizontal position.



**Figure 23. Dump Pedal**

2. To return the tub to its horizontal position, simply release the dump control lever or remove your foot from the dump pedal.

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. **IF** there is any doubt as to the operation or safety of the equipment, **DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!!**

**FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH**