

**RICE Hydro, Inc.**

**Dirtdawg-TM11**

## **Two Man Post Hole Digger – gas powered**

### **WARNING & SAFETY instructions:**

- *TURN THE FUEL VALVE TO THE OFF POSITION:* Your **DIRTDAWG-TM11** is equipped with a float type carburetor; this unit's fuel valve should remain in the OFF position when not in use, to prevent flooding of the carburetor. Flooding of the carburetor may result in direct damage to the engine, personal injury or other property damage.
- *NOT IN USE – STORAGE OF UNIT:* To properly store your **DIRTDAWG-TM11** when not in use; properly shut off fuel valve, and store in the correct position as instructed by labels directly on unit. Failure to properly store your unit may result in damage effecting the operation of your unit.
- *FLUID LEVELS:* Always check and maintain proper levels of engine & transmission OIL. The transmission holds 46 ounces of 30WT motor oil. In viewing the **DIRTDAWG-TM11** transmission sight glass the fluid level should be directly in the middle lined up with the red dot. The engine requires around 1/2 quart of 30WT motor oil, when checking dipstick your fluid level should reach the FULL setting as marked.
- *DANGER & SAFETY PRECAUTIONS:* Improper use or neglecting to follow all manufacturers operation and safety instructions can result in property damage, or personal injury including death. Call 811 before you dig. Completely read and understand the manufacturers operating instructions on your **DIRTDAWG-TM11**, or contact **RICE Hydro** customer service with any questions or lack of understanding at 800-245-4777. Or you may obtain a copy directly from our website [ricehydro.com](http://ricehydro.com).

- PRECAUTIONS:

1. During operation – Do not wear loose fitting, or frayed clothing that may become entangled in rotating auger bit or other moving parts.
  2. Always keep hands, arms, feet, and legs clear of rotating auger bit, and WEAR proper safety eye protection.
  3. Engine and fuel valve should always be in the OFF position when changing out auger bit. DO NOT ATTEMPT TO CHANGE AUGER BIT WITH UNIT RUNNING.
  4. Remove auger bit before storing or transporting unit.
  5. During extended use, some components may become HOT, DO NOT TOUCH. Use handles for all hands on control.
  6. CAUTION BEFORE DIGGING – Always check with local utility companies to determine / verify location of existing cables, lines, or piping.
  7. Do not try and operate post hole digger alone, both operator and assistant should be of physical stature and strength to handle/operate this unit. Each should have the proper level of skill, experience and common sense to operate this machinery.
  8. Do not fill oil and gas with engine running or hot from extended use. Do not smoke cigarettes or have any flame/igniter located near the engine while fueling.
  9. NOT following ALL engine and post hole digger manufacturers' warnings, instructions, or cautions will void any warranty claim, on the **DIRTDAWG-TM11**.
- MAINTENANCE: Check ALL fluids before each use. SAE 10w30 motor oil is recommended. Oil level should be filled to meet sight glass and / or dipstick measurement as notated above. For maintenance on the **DIRTDAWG-TM11** change oil within the 1<sup>st</sup> month, or after 20 hours of use, and every 6 months or 100 hours of use, thereafter.

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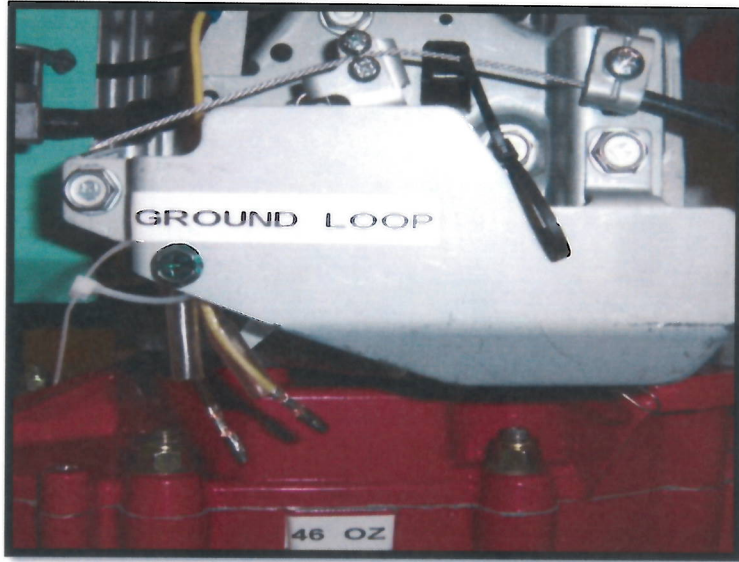
***CONTACT CUSTOMER SERVICE INFORMATION:***

For assistance in use, operation, design change or capability, or special order options on your **DIRTDAWG-TM11** please contact RICE Hydro Inc. 3500 Arrowhead Drive Carson City, NV 89706, or (800) 245-4777, direct number (775) 885-1280 or email [ricehydro@ricehydro.com](mailto:ricehydro@ricehydro.com).

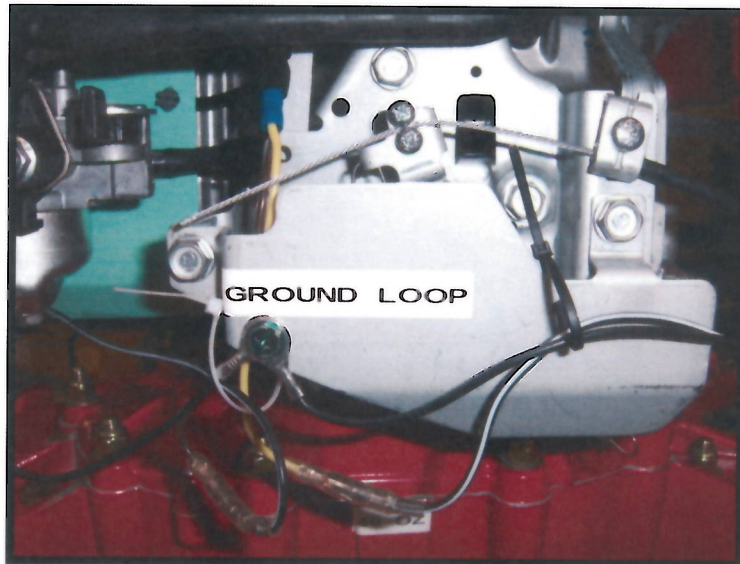
Original setup & Operation instructions

RICE Hydro, Inc. DIRTDAWG-TM11

Two Man Post Hole Digger – Gas powered



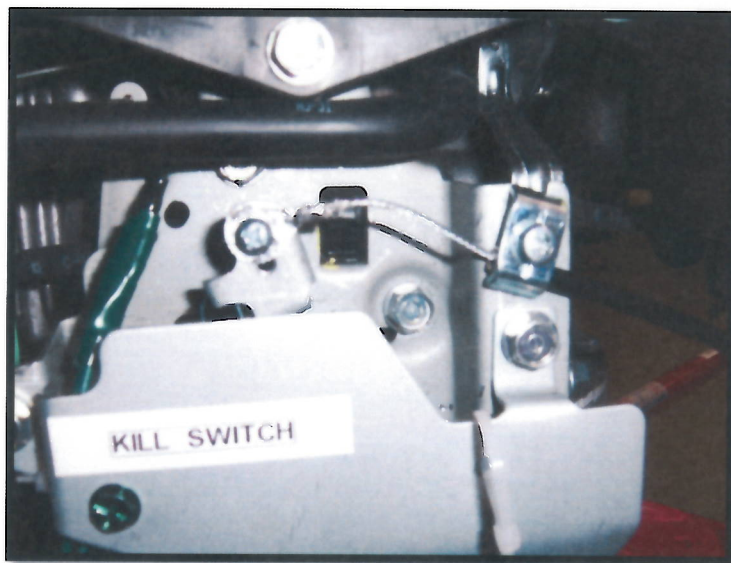
*View #1 before attaching wires.*



*View #2 after attaching wires.*

### Assembly instructions:

1. Remove post hole digger and separate handles from packaging. Pieces included: post hole digger unit, 1 each operator throttle control handle, 1 each kill switch operator handle, 1 each kill switch assistants handle, and 1 each left side assistants handle.
2. Place post hole digger on a large secure table for assembly, positioning the handles in their proper position for connection. When attaching handles as instructed below, place anti-vibration vinyl tubing between and handle connection and transmission case. Connect operator right hand throttle handle assembly, secure tightly in place with bolts, nuts, and washers provided. Connect the handle marked “operator” in position directly to the left of the throttle handle securing tightly in place with bolts, nuts, and washers provided.
3. Move around to the “assistant” side of your post hole digger, and securely connect the assistant left side handle. Next connect the assistant kill switch handle on the right side of unit nearest the ground loop sticker, under engine carburetor. Tightly secure all handles with bolts, nuts, and washers provided.



4. As shown in picture above, connect the throttle cable thru clamp, securing clamp at the one o'clock position; then secure the cable eyelet and tighten screw. To prevent binding of the throttle cable, maintain angles as shown in the picture above. You are now ready to connect the "ring" and "bullet" connections for both the operator and assistant kill switch handles. Using the pictures above as a guide, remove the ground screw (green in color) directly below the ground loop sticker. Place both rings, (operator & assistant) over ground screw hole, and center. Replace ground screw and tightly secure with screwdriver.
5. You are now ready to connect the "bullet" wire from each side, the operator and the assistant. Take each bullet and slide into plastic sleeve on receiver wires located directly below and to the left of the ground wire connections. ***Sides or colors of wires or receivers are not specific.*** Use attached zip ties and snugly secure all wires.
6. Add fluids, this unit takes around 2 quarts of oil to fill; follow instructions from manufacturer's labels on engine to fill with 10w30 motor oil as directed, about 1/2 quart. Check level with dipstick as instructed. Then remove sight glass from side of transmission case and fill with the 46 ounces of remaining motor oil. Replace sight glass ensuring gasket is still intact. ***DO NOT OVER TIGHTEN PLASTIC SIGHT GLASS, IT WILL BREAK.*** Unit is now assembled and ready for operation.

## **Operation instructions:**

1. Check all fluids and fill as necessary.
2. Attach desired auger bit to shaft and secure with locking hitchpin, as provided.
3. Position post hole digger at digging site, and turn on fuel.
4. With both operator and assistant both in position and completely in control of unit, start the engine.
5. Operator has control of throttle lever and can begin to twist engaging the auger for digging. Twisting the throttle back will place the unit in neutral; allowing the operator / assistant to clear debris and rocks, or while moving to the next digging location / hole.
6. Each side comes equipped with an EMERGENCY KILL SWITCH. In the case of any type of emergency either the operator or assistant can hit the red kill button to stop engine immediately.
7. Always check and maintain all auger bits before use; worn, lost, or damaged bits, pilot bits, or teeth may result in damage to the unit, property or personal injury.
8. Never use more than one non-flighted extension at a time.

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PARTS BREAKDOWN FOR MODEL TM-11  
RICE HYDRO, INC.

PART NUMBER..	DESCRIPTION..	QTY REQ'D
CLUTCH-TM11	CLUTCH ASSEMBLY	1
THROTTLE-TM11	THROTTLE	1
CABLE-THROTTLE-ASSY	TM-11 CABLE THROTTLE	1
SPUR-GEAR-75T-1	SPUR GEAR	1
SPUR-GEAR-75T-5/8	SPUR GEAR	1
GEAR-SHAFT-TM11	GEAR SHAFT	1
TM11-HANDLE	REGULAR SIDE HANDLE	3
TM11-HANDLE-THROTTLE	THROTTLE SIDE HANDLE	1
GRIPS-1"	BLACK GRIPS	4
SPEC-02269	OIL SIGHT GLASS	1
MAIN-SHAFT-WASHER	WASHER	1
FITTING-BREATHER-DD	BREATHER FITTING	1
PLUG-S-1/8	PORT PLUG	1
PLUG-DRAIN	CRANKCASE DRAIN	1
UD02-0605.43	GASKET FOR CRANKCASE	1
DD-ORING-2228	COVER TO ENGINE	1
DD-KILL-SWITCH	SWITCH ENGINE KILL	2
LOCKNUT-5/16X18-GR8	GR 8 5/16 X 18 LOCKNUT	1
D3-2811-0004	WASHER	1
HITCHPIN-5/16X2&3/4	SAFETY PIN	1
HONDA-GXV160UH2-N1AH	5.5 HP HONDA ENGINE	1

DRUM-ASSY-TM11	DRUM WITH GEAR AND BEARING	1
	DRUM-TM11	
	BEARING-3/4X7/8	
	GEAR-DRUM-TM11	

*if ordering main shaft must also replace locknut*

MAIN-SHAFT-TM-11	MAIN SHAFT	1
MAIN-SHAFT-LOCKNUT	LOCKNUT	1

*if ordering cone must also replace locknut*

CONE-08125	TM-11 TAPER ROLLER BEARING	1
MAIN-SHAFT-LOCKNUT	LOCKNUT	1

*if ordering body must also replace bearing (pressed) and cup*

AUGER-2MAN-BODY	GEAR BODY	1
BEARING-3/4X1	OILITE TM-11	1
CUP-08231	TM-11 RACE	2
MAIN-SHAFT-LOCKNUT	LOCKNUT	1
OIL-SEAL		1

*if ordering cover must also replace bearing (pressed)*

AUGER-2MAN-COVER	GEAR BODY COVER	1
BEARING-3/4X1	OILITE TM-11	1