42361

CONTROLS

1. FREEWHEELING HUBS: To unlock, line up the roll pin and locking pin to the slot in the locking plate. To help

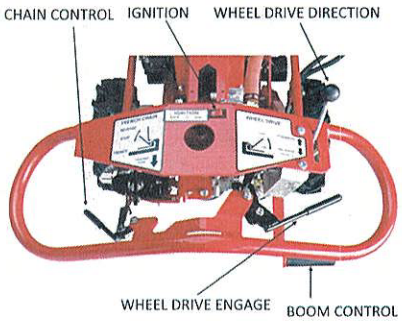
line up the roll pin under the lock plate with the slot, the finger pull ring and the roll pin are aligned with each other on

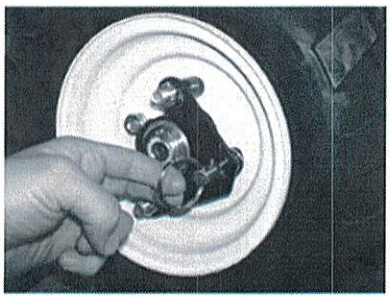
the lock pin. Pull out on spring loaded lock pin until the roll pin clears the slot, and then turn 90 degrees. To engage

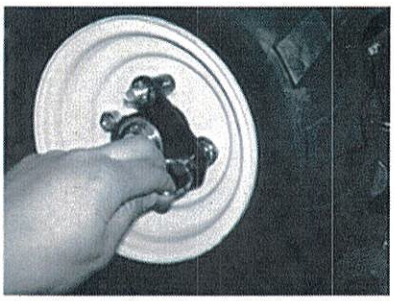
either hub, turn the lock pin handle in to allow the spring-loaded pin to engage. Repeat for the other wheel. Push the

trencher a bit if necessary, until each pin finds a hole to drop into. The hubs are now locked. Disengaging one hub

makes it much easier to turn the trencher when transporting under power.







2. IGNITION SWITCH: There are two switches. One is the switch that comes on the engine. The other is located on

the control panel. Either switch will stop the engine. BOTH must be in the ON position to start. Refer to the ENGINE STARTUP PROCEDURE

START UP PROCEDURE.

3. WHEEL DRIVE CONTROL: The Wheel drive lever must be in ON position when engaging the control lever.

- Pushing Direction control lever to the forward position will cause machine to move forward.
- Pulling Direction control lever back will cause machine to move backward.
- Very slow speed is required for trenching in most conditions.

NOTE: Be sure operator understands that the machine moves BACK when trenching, not forward.

4. TRENCH CHAIN CONTROL: To trench, hold lever in TRENCH position. To remove debris from chain push lever

down to reverse chain.

5. DIGGING BOOM CONTROL: Pull back to raise the digging boom and push forward to lower the boom.

ENGINE CONTROLS

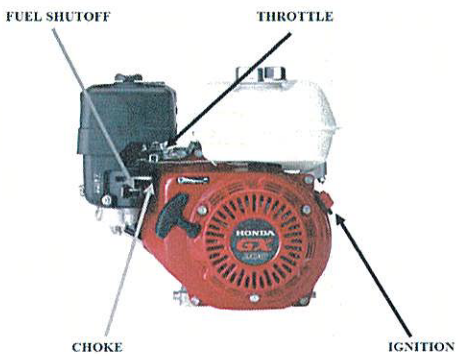
CHOKE: Use to aid starting the engine when it is cold.

IGNITION SWITCH: There are two ignition switches. One switch is located on the control panel with the other trencher controls for your convenience. The other is located on the engine. Use these to start and stop the engine. Refer

to the ENGINE START UP PROCEDURE.

THROTTLE: Use this to adjust engine speed. Refer to the ENGINE START UP PROCEDURE

FUEL SHUT-OFF: Use this when starting or stopping machine. Refer to the ENGINE START UP AND SHUT DOWN PROCEDURE



START UP

1. Turn both IGNITION switches on. The switch located with the other trencher controls and the switch located on

the engine.

2. Release the WHEEL DRIVE ENGAGE CONTROL.

3. Open the FUEL SHUTOFF VALVE located below the choke on the engine.

4. If the engine is cold, close the CHOKE. After engine starts, move the choke to half open. After about 30 seconds to

a minute, the choke can be opened completely. To restart a warm engine, leave the choke in the open position.

5. Move the THROTTLE to about 1/3 of the way back. This increases throttle. It is located above choke.

6. Pull start cord located on engine recoil.

When the engine starts, open the CHOKE (turn choke off) after the engine warms up enough.

COLD WEATHER OPERATIONS: Before operating in cold weather, refer to the Engine Owner's Manual for

recommended engine oil. Do not spray starting fluid into the air cleaner as engine damage could result. If the machine

is operated at temperatures below +32°F (0°C) then changing the hydraulic fluid to ISO 46 is recommended. If you do not want to change the hydraulic fluid but want to operate the machine at temperatures below +32°F (0°C), then do the following:

- Warm up engine at a low speed.
- Gradually increase engine speed to half throttle, allowing 30 minutes for the hydraulic fluid to warm up.

Reduce the engine speed if the hydraulic pump whines. Pump noise may indicate a lack of hydraulic fluid flow that could damage the pump. For frequent starts below 18°F consult your dealer or the factory

LOADING PROCEDURE

1. Position the tow vehicle and attached trailer on level ground.

2. Unlatch the ramps and lower to the ground

3. Line up the trencher with the rear of the trailer. The dig chain should be toward the trailer.

4. Throttle engine down and move control speed lever halfway between reverse and forward. The

speed lever will allow variable speed in forward. Pull the wheel drive engagement lever and slowly drive the trencher forward onto the trailer bed.

WARNING: Navigating on the inclined trailer bed or ramps increases the danger of the trencher tires losing traction, especially if the bed surface is wet. Stay out of the way to avoid personal injury if you lose control.

5. Drive front trencher wheel into wheel pocket in the front of trailer.

6. Shut off engine and close the fuel shutoff valve. Refer to the SHUT DOWN PROCEDURE for details.

7. Secure trencher to front wheel pocket with the spring loaded pin. Lock rear of trencher

down with safety tie down chains.

8. Raise and lock ramps.

UNLOADING PROCEDURE

1. Position the tow vehicle and attached trailer on level ground.

2. Lower ramps to the ground.

3. Remove all chains or straps connecting the trencher to the trailer D-rings.

4. Remove front wheel lock pin holding trencher into wheel pocket.

5. Start the engine using the ENGINE START UP PROCEDURE.

6. Move wheel direction control to reverse and engage wheel drive lever.

Carefully drive the trencher slowly backward and down the ramps.

Avoid inclines if at all possible. Never use on any incline exceeding the angles shown below.

Navigation on inclines should be especially slow and turns very gradual.

A 20° maximum incline is allowed. Honda engines have an Oil Alert system that will automatically stop the engine if tipped more than 20°

GETTING STARTED

1. Lock wheel hubs

2. Start and warm up engine.

3. Put the WHEEL DIRECTION CONTROL in desired position and pull the WHEEL DRIVE ENGAGE LEVER.

4. Adjust the travel speed and navigate the trencher to the starting position. The trencher is designed to dig toward the operator (with the Wheel Drive Control in reverse). With this in mind, position the machine to start the trench.

TRENCHING PROCEDURE

1. Have engine at full throttle.

2. Put the WHEEL DRIVE CONTROL in reverse position.

3. Push the BOOM CONTROL outward (right) to disengage the position lock and move the control forward one

notch. As the chain touches the ground, tilt the machine back until BOOM CONTROL snaps into the first position.

4. Pull the TRENCH CHAIN CONTROL to "ON" position to activate dig chain. The chain will dig into the ground and the trencher will set level. If a deeper depth is required, continue the same process until desired depth. Then pull the WHEEL DRIVE ENGAGE LEVER to progress backward.

Note: The dig chain will not operate if the WHEEL DRIVE CONTROL is in the forward position. The machine

trenches backward, toward the operator. The WHEEL DRIVE CONTROL must be in reverse position.

TRENCHING TIPS

THE PLUNGE CUT:

If the boom bounces when lowering it, use a more gradual "boom down" action. A little ground travel toward the

operator during the plunge cut may help reduce bounce.

Do not overload engine. If the engine lugs down or the digging chain slows down, release the WHEEL DRIVE

CONTROL until the engine recovers to operating speed, then reactivate the WHEEL DRIVE CONTROL.

If traction is limited, the trencher may be tilted back as when initially starting the trench. When it is tilted back, the wheels will pull the trencher toward the operator a few inches. Release the pressure on the handlebars and allow the trencher weight to plunge cut into the ground. When trencher is level again, repeat the process. This series of plunge cuts is known as the can opener approach and can be productive when the wheels do not have the traction to drive.

Do not attempt to force boom down faster than digging chain can remove material.

SHUT DOWN PROCEDURE

1. Always leave trencher parked on a level surface.

WARNING: Do not park on incline.

Move the trencher to a level surface.

2. Unless loaded on a trailer, lower the boom to the ground.

3. Reduce the ENGINE THROTTLE to idle.

4. Move the IGNITION SWITCH to the OFF position to stop the engine.

5. Close the FUEL SHUTOFF VALVE. Failure to close this valve could cause fuel

to leak down into the cylinder & crankcase. Damage resulting from this would not be

covered by your engine warranty!

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Know what's **below.**
Call before you dig.