

# GREYSTONE

## Assembly & Operating Instructions: PADDOCK-VAC & MAXI VAC

(FITTED WITH HONDA GXH50 - 4 STROKE MOTORS)

**\*\* IMPORTANT!! PLEASE READ BEFORE STARTING!!\*\***

- \*\* Use only fresh, quality unleaded fuel (>86 octane **not premium unleaded**) See fuel page 2
- \*\* Ensure **fuel cap breather is open** before starting the motor (turn anti clockwise)
- \*\* Always **start and shut down** motor with the **throttle lever set to MIN**. See starting page 2
- \*\* Please familiarize yourself with all **safety symbols** located on the machine.
- \*\* Please read all manuals supplied before starting your machine.

**Contents of machine:** 1 x Honda engine manual  
1 x collection nozzle and hose  
1 x drawbar with tow coupling

### **To assemble your machine –**

1. Remove loose bolts from the end of the draw bar, slide the drawbar into the main frame, lining up bolt holes. Slide bolts through the drawbar again and tighten securely with loc nuts supplied.
2. Place the hose and nozzle on the ground in front of the machine, locating the black mark at the 12 o'clock position, line this mark up with black mark on the port hole of the body, ensuring the hose is pushed all the way onto blue plastic body, tighten the hose clamp securely. (Tighten with a 7mm socket if available, for best results)
3. Place collection nozzle over the top of the machine between the stainless steel hooks, secure with black strap. (This strap is also used to hold the back door open when emptying manure)

**WARNING! DANGER!!!**

Operators risk injury or death to themselves and others if this machine is not used properly, and or safety precautions are not followed. Proper clothing and safety gear must be worn at all times when operating this machine.

**CHILDREN MUST NOT OPERATE THIS MACHINE OR BE NEAR TO THIS MACHINE WHILST IN OPERATION.**

## **OPERATING INSTRUCTIONS:**

### **1# FUEL:**

- Refer to page 7 of the Honda Manual regarding refueling.
- Only use reputable brand unleaded gas. (**No** Ethanol or Premium Gas)
- Add fuel to the bottom of the fuel level mark of the fuel tank – **do not overfill.**
- Never refuel the engine when it is hot or running.
- Always ensure fuel is fresh, ie *no older than 2 to 3 weeks*
- Always exercise caution when handling fuel, ensure caps are tightly fitted to all fuel cans. Wipe any spilled fuel off the unit.
- Move the unit at least 1 metre (3 feet) away from the fuelling point and ensure there are no leaks before starting the engine.
- **\*\*Never store the unit with fuel in the tank – refer page 10 & 11 of the Honda manual, especially if the machine will be stored for long periods.**

### **2# FUEL CAP:**

- **OPEN FUEL CAP BREATHER (Turn anticlockwise) WHILE RUNNING MOTOR**
- Close breather before tipping machine to empty (turn clockwise)

### **3# CHECK ENGINE OIL:**

- Refer to pages 7 & 8 of the Honda manual.
- *Only use genuine HONDA engine oil SAE 10W-30*
- Ensure machine is standing on level ground.
- Remove oil filler cap/dipstick to check oil level – the oil should be brimming to the top of the filler spout. (refer page 8 Honda manual)
- If oil level appears low use a small clean funnel to top up oil – this motor is fitted with an Oil Alert system that can stop the engine.
- **\*Note: If engines are sold separately they are shipped without engine oil!**

### **4# STARTING A COLD ENGINE:**

- Please refer to the Honda engine manual pages 3, 4 & 5.
- **Perform “Honda Before Operation Checks”** (see page 3 of the Honda Manual) each time you use your machine – *especially the engine oil check.*
- Starting Procedure (see page 4 of the Honda Manual).
- Once the engine has started, slowly move the choke to the open position. Allow the motor to warm up at MIN speed.
- Adjust the throttle control lever to obtain necessary revs to vacuum
- **\*\* ¾ to FULL REVS is recommended while in operation**
- **Pull starts are not covered by warranty** – please use with care, excessive force is not required to start the motor. Never let go of the starter grip until it is at the fully returned position.
- If engine fails to start after following correct procedures, please contact your local authorised Honda Power Equipment Dealer.
- **OR Phone HONDA Power Equipment for your nearest dealer.**

## **5# STOPPING ENGINE:**

- Move throttle control lever to **MIN** for a few minutes to allow engine cooling before stopping.
- Turn red engine switch to the OFF position.
- Turn fuel lever OFF.
- NEVER stop the engine during operation while running above **MIN** speed – except in an emergency.

## **6# EMPTYING THE COLLECTION BIN:**

- FUEL/GAS VALVE LEVER ***MUST*** BE SWITCHED OFF BEFORE TIPPING YOUR MACHINE TO AVOID FLOODING YOUR MOTOR
- Close fuel/gas cap breather by turning clockwise.
- Unbuckle the back door, lift up the lid and secure with black strap located on top of machine (also used to hold collection nozzle).
- Release slide bolt on draw bar, tipping machine up to empty manure.
- Keeping hands & feet well clear, lower machine gently to the ground and slide bolt back into position, any residual manure may need to be raked out as necessary.
- Brush clean inside air filter if required.
- Replace back door and clamp back into its original position. Keep door in locked position at all times. Children should not operate or empty this machine.
- RE-OPEN FUEL CAP BREATER.
- TURN FUEL VALVE LEVER TO **ON** to commence work again.

## **7# ENGINE MAINTENANCE:**

- Please refer to page 6 of the Honda Manual regarding engine maintenance and servicing.
- **FIRST OIL CHANGE DUE AFTER 10 HOURS OF USE** then every 6 months or 50 hours.
- Only use Honda 10W-30 engine oil to maintain optimum performance.
- \*REGULAR OIL CHANGES & SERVICING ARE A NECESSITY. See page 8 of the Honda manual.

PLEASE READ PERIODIC MAINTENANCE CHART  
ON PAGE 6 OF THE HONDA ENGINE MANUAL – CRITICAL TO  
MAINTAIN ENGINE PERFORMANCE.

**\*\*SEE YOUR NEAREST AUTHORISED HONDA DEALER FOR  
REGULAR ENGINE SERVICING\*\***

## **8# VACUUM FILTER MAINTENANCE:**

- INNER DUST FILTER MUST BE KEPT CLEAR OF DUST AND DEBRIS – **BRUSH CLEAN AFTER EACH EMPTY.**
- **(Replacement bags are available to purchase from Greystone.)**
- IN DRY CONDITIONS – A DIRTY FILTER BAG WILL AFFECT THE MACHINES FILLING CAPACITY.

## **9# HOW TO REPLACE THE FILTER BAG:**

- Unscrew 2 screws from motor end underneath filter, and 1 screw from the stainless steel bracket and slide filter out. **\*\*Ensure filter is returned to its original position and firmly secured before reusing machine. NEVER USE THE MACHINE WITHOUT A FILTER.**
- To clean filter blow filter bag with compressed air or wash with soapy water.
- Make sure the filter bag is completely DRY before reusing.
- Always wear a face mask and eye protection when cleaning out the filter.

## **GENERAL USE:**

- **AIRFLOW:** IT IS IMPORTANT THAT AIR TRAVELS THROUGH THE COLLECTION PIPE WITH PRODUCT BEING VACUUMED NEVER STARVE THE NOZZLE OF AIR ie: When vacuuming water, dip the collection pipe in and out of the water to allow air through the nozzle.
- **BLOCKAGES:** IF THE COLLECTION NOZZLE OR HOSE BECOMES BLOCKED - **SHUT OFF ENGINE IMMEDIATELY** AND REMOVE BLOCKAGE BEFORE RESTARTING YOUR ENGINE. SUDDEN INCREASE IN ENGINE REVS OR LOSS OF SUCTION WILL INDICATE A BLOCKAGE
- Ensure towing hook is fitted correctly to the tow vehicle.
- Greystone does not recommend towing this machine across steep gradient hills or steps, as this may cause the machine to tip over. EXTREME caution should be used when gradients exceed 10 degrees.
- Ensure vacuum hose is clean & free from obstructions.
- Clean vacuum filter and suction hose regularly.
- Ensure back door is always locked down tightly – body shape could distort if not stored in the closed/locked position.
- Avoid using in extreme weather conditions, ie: above 35 degrees centigrade or below 0 degrees centigrade.
- Do not leave hose in front of hot exhaust air from the motor – it will melt.
- **Do not use tape to repair holes in the collection hose – hose must be replaced if damaged or worn. (Replacement hoses are available to purchase from Greystone.)**

## **TROUBLE SHOOTING:**

Please check -

- Honda Gas/Fuel Cap breather is **open** (turn anticlockwise) during starting and running.
- Only close the breather when you are emptying the machine – turn clockwise.
- Ensure Throttle Lever is at **MIN** position during starting and shut down.
- The choke should only be used for warming up the motor do not run with choke on.
- Set throttle control to **at least ¾ to full revs** when in operation.
- Check hose and nozzle for any obstructions or damage.
- Check unleaded gas/fuel is fresh and clean. (Not premium gas or ethanol)
- **Check oil is brimming** – use a small clean funnel to ensure engine oil is full – this motor is fitted with an “Oil Alert System” to prevent engine damage.
- **Change oil** after the first 10 hours of use – only use Honda 10W-30 engine oil.
- Check Honda Air Cleaner - left side of motor.
- Check air filter is clean inside the machine.
- Also refer to page 12 of the Honda Manual “Taking Care of Unexpected Problems”

MODEL PURCHASED \_\_\_\_\_

HONDA SERIAL NUMBER \_\_\_\_\_

DATE PURCHASED \_\_\_\_\_

INVOICE NUMBER \_\_\_\_\_ (Please retain receipt & service records for warranty purposes)

## **GENERAL OPERATOR SAFETY:**

1. Read all manuals supplied carefully and be sure that you understand them before you start work.
2. Wear non-skid, preferably steel toe capped boots.
3. Do not wear open toed shoes or operate the machine whilst barefooted.
4. Wear proper clothing to protect exposed parts of your body.
5. Wear goggles, gloves and hearing protection.
6. Never refuel the engine when it is hot or running.
7. Always exercise caution when handling fuel, ensure caps are tightly fitted to all fuel tanks.
8. Wipe any spilled fuel off the unit.
9. Move the machine at least 1 metre or 3 feet away from the fuelling point and ensure that there are no leaks before starting the engine.
10. Operate this machine only in a well ventilated area, do not stand in front of exhaust air.
11. Make sure there are no pets or other people in the area when starting the machine.
12. Do not point the suction pipe at people or animals.
13. Keep hands and body away from hot surfaces such as the exhaust and cylinder area when handling the unit to prevent injury from heat.

## **PHYSICAL CONDITION:**

Your judgement and/or dexterity may be impaired if you are ill, are taking medication, and/or have taken alcohol or other substances known to affect the way you would normally function.

**Operate this machine only if you are in good physical and mental health.**

### **PRECAUTIONS AGAINST REPETITIVE STRAIN INJURIES:**

- It is believed that over using the muscles and tendons of the fingers, hands, arms and shoulders may cause soreness, swelling, numbness, weakness and extreme pain to the areas mentioned.
- To reduce the risk of repetitive stress injury, do the following:
- Avoid using your wrist in a bent, extended or twisted position.
- Try to maintain a straight wrist position.
- When grasping, try to use your whole hand not just the index finger and thumb.
- Take periodic breaks to minimize repetition and rest your hands.
- Reduce the speed and force with which you do the repetitive movement.
- Do exercises to strengthen hand and arm muscles.
- Consult your doctor if you feel tingling, numbness or pain in your fingers, hands, wrists or arms.

## **Limited Warranty**

**Duration of Warranty Coverage.** This warranty lasts one (1) year from the date of purchase.

**Warranty Coverage.** Within one (1) year of the date of purchase, Greystone agrees to repair or, at Greystone's option, exchange free of charge any defective part in a Greystone product purchased which, in Greystone's sole judgment, resulted from defective workmanship or materials. In order to obtain coverage under the warranty the following conditions must be met: (1) The Greystone product must be purchased from an authorized Greystone dealer within USA; (2) the purchase receipt is retained by the purchaser as the only valid proof of purchase and purchase date; and (3) the service is recorded and carried out by an authorized Honda dealer.

**This Warranty Does Not Cover.** Freight and handling costs; failures due to improper operations, maintenance or repair; failures due to accidental damage or exposure to extremes in temperature; normal wear and tear including, but not limited to, wear and tear to the hose, tyres, and filters; and damage to the Greystone product caused by shipping.

**Receiving Warranty Service.** If something goes wrong with your Greystone product, return the defective product together with the purchase receipt to place of purchase (as such receipt will be used as the only valid proof of purchase and purchase date)

**Warranties Outside of USA.** Warranties outside of these countries are defined by the Greystone distributor for your region or country and may vary from the above in terms and/or length.

**State Law.** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. The laws of Nevada govern this Limited Warranty. Any action based on any breach of any of the said warranties shall be brought within three (3) months after the cause of action therefore accrued; and action brought thereafter shall be barred.

**This Warranty is Void If Any of the Following Occurs.** (1) The Greystone product has been damaged by alterations, misuse, accident or neglect. (2) The Greystone product has been repaired or serviced by persons not authorized by Greystone.

**IMPLIED WARRANTIES.** TO THE EXTENT ALLOWED BY APPLICABLE LAW, IMPLIED WARRANTIES IN CONNECTION WITH GREYSTONE PRODUCTS ARE LIMITED IN DURATION TO THE PERIOD OF THIS LIMITED WARRANTY. (ONE (1) YEAR FROM THE DATE OF PURCHASE.)

**NO OTHER WARRANTIES MADE.** THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES OF GREYSTONE AND GREYSTONE DOES NOT ASSUME, NOR DOES IT AUTHORIZE ANY PERSON TO ASSUME ON ITS BEHALF, ANY OTHER OBLIGATION OR LIABILITY.

**NO LIABILITY FOR CONSEQUENTIAL DAMAGES.** TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL GREYSTONE BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES WHATSOEVER (INCLUDING, WITHOUT LIMITATION, INJURY TO PERSONS OR PROPERTY OR LOSS OF USE, OR DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, LOSS OF BUSINESS INFORMATION, OR ANY OTHER PECUNIARY LOSS) ARISING OUT OF THE USE OF OR INABILITY TO USE THE GREYSTONE PRODUCT, EVEN IF GREYSTONE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.