

Operating your Graco Hydraulic Road Marking Machine

HONDA GX120

STARTING WHEN COLD:

1. Open fuel tap
2. Close Choke
3. Set the accelerator to low
4. Pull the rip-chord
5. Once the engine is running OPEN CHOKE

STARTING WHEN WARM:

1. Open fuel tap
2. Set the accelerator to quarter power
3. Pull the rip-chord

NB: NEVER RUN THE ENGINE WITH A CLOSED CHOKE!!

TO TURN OFF: use the engine on/off switch or Unit Dashboard switch

GRACO HS LINE MARKERS

OPERATION:

1. Before engine start make sure that
 - o The pumps main hydraulic valve is closed (Red Handle)
 - o The pumps pressure relief valve is open (Black Knob)
 - o You have put TSL into the pump
2. Start Honda engine
3. Put suction pipe into the fluid
4. Turn the pressure regulating knob anti-clockwise till it stops
5. Open hydraulic valve (make certain that gun is closed & return hose is in fluid)
6. Let the pump circulate the fluid until all the air is out the pump
7. Point the gun into the fluid and let the pump push all the air out the hose
8. Close the gun trigger, engage safety and close the pressure relief valve (Black Knob)
9. Put the gun into the cradle making sure the tip holder and its seals are in place; make sure the gun is straight and perpendicular to the ground
10. Insert spray tip and line it up
11. Line up the pointer bar with the spray tip
12. Increase engine up to 75% Power, and turn the pressure regulating knob clockwise till the pressure reads about 1000psi
13. Spray a test strip on some cardboard. Check that the fan is fully developed, if not turn up the pressure.

14. Measure your test stripe, if it is too narrow lift the entire cradle higher, if it is too wide drop the cradle.
 - o NB: If you can not achieve the correct width you must get a different spray tip
15. 14. You can now mark

WHILE WORKING:

1. Make sure that the machine does not run out of paint; if it does you have to repeat the procedure to get all the air out of the pump.
2. Never let the machine stroke up and down without fluid in it
3. If the pump is stroking too fast something is wrong
4. If the tip blocks reverse the direction and spray the blockage out

CLEANING:

1. Turn off Pump (Red Valve) and turn the pressure regulating knob anti-clockwise till it stops
2. Move the suction hose and return pipe into the cleaning fluid (thinners)
3. Take gun out off the cradle and remove spray nozzle
4. Leave the pressure relief valve closed (Black Knob) and pull the gun trigger while holding gun into the coating fluid
5. While holding the gun trigger open, turn on the pump (Red Valve) and let the pump push all coating fluid out the pump and hose back into the drum until the thinners starts coming out the gun.
6. When you see thinners, open the relief valve (Black Knob) and move the gun to the cleaning fluid. Let the system circulate for at least a few minutes to clean it properly
7. Once machine is clean turn pump off (Red Valve) and close Pressure relief valve (Black knob)
8. Switch off engine. Remove Suction filter & High pressure filter and clean it. Clean tip nut and tip properly. NB DO NOT LOSE THE TIP GASKET
9. Put all the parts back into the machine and pack it away!

GRACO REFLECTIVE BEAD-DISPENSER

- 1. Fill the bead hopper and close lid properly**
- 2. NB: NEVER LET GLASS BEADS FALL INTO YOUR PAINT TIN**
- 3. Set Bead curtain width, use the 4 thumb screws. Adjust the two outside plates fully down for 10cm line and fully up for a 15cm line**
- 4. Set the amount of beads by moving the three plates higher or lower**
- 5. Pull the marking trigger and test to see if the curtain of beads fall**