

Honey Sucker

If you have purchased a stationary, trailer, flowbin or horizontal unit then the process remains the same

Components:

1. Suction pipe
2. Layflat outlet pipe
3. Tank inlet ball valve
4. Hose outlet ball valve
5. Tank outlet valve
6. Suction ball valve (Inlet)
7. Engine / Pump assembly



Before starting the pump assembly:

1. Check engine oil level.
2. Check fuel level.
3. Check for visible leaks (oil, fuel and water)
4. Check for basic wear and tear and replace if necessary.
5. Ensure engine mounting tautness.
6. Ensure no loose components on engine.
7. Ensure valves are open as per requirement to ensure no unnecessary strain on the pump

How to fill the unit:

1. **NB!!** - Open tank lid to ensure no pressure build up.
2. Connect suction hose (1) to inlet ball valve (6) with camlock quick connect couplers.
3. Open tank Inlet ball valve (3)
4. Close tank outlet valve (5)
5. Close hose outlet ball valve (4)
6. Open pump inlet ball valve (6)
7. Insert suction pipe into source.
8. Prime & start pump assembly
 - a. To prime - Remove black filler cap on pump belly and fill with water
 - b. Return filler cap and follow start up procedure

If engine off mode, then:

1. Close inlet ball valve (6)
2. Disconnect Suction hose (1)
3. Unit is ready for transport or later use.

Start-up procedure: (Image on next page – engine model may differ from image)

1. Move on/off switch (4) to the on position.
2. Move choke (2) to on position.
3. Ensure fuel cock (3) is open.
4. Move throttle leaver (1) slightly open.
5. Pull recoil starter rope to start engine. Ensure the recoil mechanism has engaged before pulling the rope.
6. Once engine is running move choke (2) to the off position.
7. Let engine idle until the exhaust is warm to touch, only then can you open the throttle to desired engine speed.
8. Once warm then use the unit as required.

Flowbins

You need it, we customize it

We tank, pump and pipe anything

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How to empty the unit:

1. Connect layflat hose (2) to hose outlet ball valve (4)
2. Roll layflat hose (2) to discharge point.
3. Open hose outlet ball valve (4)
4. Open tank outlet ball valve (5)
5. Close pump inlet ball valve (6)
6. Close tank inlet ball valve (3)
7. Follow start up procedure and let motor run until empty.



Shut down procedure: (engine model may differ from image)

1. Move throttle (1) to the idle position.
2. Move on/off switch (4) to the off position.
3. Ensure fuel cock (3) is closed.

General Maintenance: - NB!! The engine is 4 stroke and uses unleaded fuel.

1. First service after 1 month or 20 hours of operation, thereafter every 3 months or 50 hours.
2. Service should consist of:
 - a. Replace engine oil (15w40 multigrade - approx. 500ml... use dip stick for accurate measurement)
 - b. Replace spark plug (NGK BP6ES)
 - c. Air filter clean or replace:
 - i. Clean the foam portion in cleansing solvent and dry every 50 hours (every 10 hours if in unusually dusty circumstances). Then immerse in clean engine oil until saturated, squeeze out excess oil.
 - ii. Replace if required.
3. Check for visible leaks or breakages and repair / replace immediately.
4. Check proper function of recoil starter.

Problem solving:

1. Engine will not start:
 - a. Ensure there is fuel in the tank.
 - b. Ensure the fuel cock is open.
 - c. Ensure the on / off switch is in the on position.
 - d. Choke (2) is in the on position for starting.
 - e. Check oil level (the unit is equipped with low oil safety shut off)
 - f. Check coil wire to spark plug is not damaged and fits snug.
 - g. If all is correct, then refer Flowbins.

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