



skyVac™

INTERCEPTOR

SkyVac Interceptor Instruction Manual



spinaclean ltd
home of skyVac™

**IMPORTANT PLEASE READ THESE INSTRUCTIONS AND HONDA OWNERS MANUAL
CAREFULLY BEFORE OPERATING THE MACHINE**

SERIAL NUMBER..... TO COMPLETED BY THE USER

This Spinaclean Heavy Duty Vacuum Cleaner is designed to handle a wide range of cleaning and debris collection operations in industrial areas

CAUTION

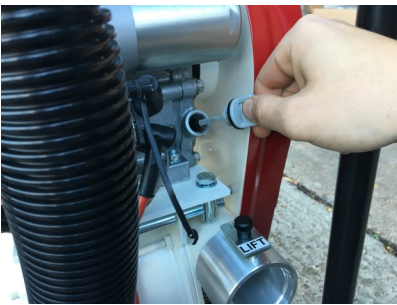
This vacuum cleaner must not be used for the collection of health endangering flammable or explosive material

ENGINE SAFETY

- 1) To prevent fire hazards and to provide adequate ventilation, keep the engine at least one metre away from buildings and other equipment during operation. DO NOT place flammable objects close to the engine
- 2) Children and pets must be kept away from the area of operation due to a possibility of burns from hot engine components or injury from any equipment.
- 3) Know how to stop the engine quickly , and understand the operation of all controls. Never permit anyone to operate the engine without proper instructions.
- 4) Petrol is extremely flammable and explosive under certain conditions
- 5) Re-fuel in a well ventilated area with engine stopped. DO NOT smoke or allow flames or sparks in the refuelling area or where petrol is stored.
- 6) DO NOT over fill the tank. After refuelling make sure the tank cap is closed properly and securely
- 7) Be careful not to spill fuel when re-fuelling. Fuel vapour or spilled fuel may ignite. If any fuel is spilled, make sure the area is dry before restarting
- 8) Never run the engine in an enclosed or confined area. Exhaust contains poisonous carbon monoxide gas, exposure may cause loss of consciousness and may lead to death
- 9) The muffler becomes very hot during operation and remains hot for a while after stopping the engine. Be careful not to touch the muffler while it is hot. To avoid severe burns or fire hazards, let the engine cool before transporting it or storing it indoors

PREPARATION FOR EACH USE

- 1) Check for petrol leaks (clean up any spillages)
- 2) Check HT (spark plug) lead for damage
- 3) Check trailing grounding lead is intact and touching the ground
- 4) Check oil level is correct
- 5) Check that collection drum is empty, or has sufficient capacity .
- 6) Check the filter/float valve for cleanliness/operation



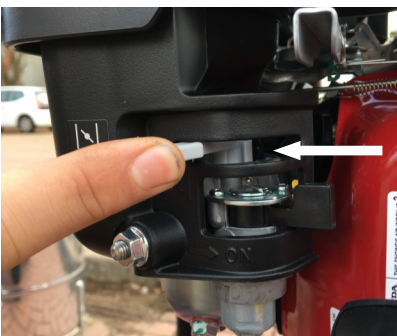
To Fill the Engine with Oil

Ensure the Interceptor is on level ground. Remove the grey dipstick and fill with multigrade 10w 40 engine oil. Pour up to the bottom of the thread in the dipstick chamber



STARTING THE ENGINE

- 1) Turn the black fuel valve to the ON position



- 2) Move the choke lever to the CLOSED position.
Note the choke may not be needed if the engine is warm or the air temperature is high



- 3) Move the throttle lever slightly to the left

4) Start the engine



A. Recoil start—Turn the engine switch to the ON position. Pull the starter grip lightly until resistance is felt, then pull briskly. DO NOT allow the starter grip to snap back against the casing, return it gently to prevent damage to starter.



B. Electric Key Start—Turn the engine switch to the start position and hold until engine starts (no more than 5 seconds) and return switch to the ON position. If the engine fails to start wait 10 seconds before retrying.



5) Position the throttle lever to normal operating position and begin vacuuming

6) Vacuuming with higher rpm is permissible but should not be undertaken for prolonged periods of time

NOISE EMISSION Sound Power Level (LWA) 107 dB

91 dB(A) @ 1M at Normal Operating Level 3,000—3,300 rpm

96 dB(A) @ 1M at Maximum set 3,850 rpm

Ear Protection MUST be worn at ALL times when equipment is in use

HANDLING

The vacuum cleaner weight is 78Kg (Key Start 87Kg) empty and will be considerably heavier when the collection drum is full, be particularly careful when manoeuvring and lifting for which a Risk Assessment should be undertaken and consideration given to Lifting Aids and Shared Lifts



CONNECTING THE HOSE SUCTION FEATURE

When vacuuming, the hose is connected directly to the drum. PUSH the hose end directly into the drum, and it will lock into place. To remove the hose LIFT the “catch” under the drum inlet (hose connection) and withdraw the hose from the inlet.

CONNECTING THE HOSE BLOW FUNCTION FEATURE

When using the BLOW function feature, the hose is connected directly to the exhauster outlet adapter. Lift the knob and insert the hose end, then release the knob when the hose is fully inserted and it will lock it into position. To release the hose, lift the knob and withdraw the hose



WET PICK UP

The vacuum cleaner contains a float valve that automatically closes when liquid reaches its predetermined level in the tank. This is indicated by a change of sound of the vacuum cleaner and suspension of pick—up. The cleaner should be turned off when the float valve closes and emptied

Check the float valve is clean and free to operate prior to wet pick up

HOW TO EMPTY THE DRUM

Remove the head from the drum, tilt the drum forward using the handles



FITTING THE OPTIONAL SIEVE BASKET

Take the head of the drum and insert the basket feet first until it sits on the bottom of the drum. Insert the outer black plastic ring on top of the sieve basket to lock it into position



The sieve basket will collect the debris and the water will run through the basket and sit in the bottom of the drum. To dispose of the water switch the machine off, disconnect the drain hose on the side of the drum and release the ball valve. Set to one side on the ground to allow the water to flow away. To dispose of the debris collected in the sieve basket remove from the drum and tip away.



CLEANING THE FILTER

It's important to keep the filter clean. To clean the filter, remove the base plate and clean with a hand broom making sure to remove all debris from the open pleats. After every shift it would be worth cleaning with a hose pipe, ensure the filter is dry before re-using. Keep the filter in place for both dry and wet pick up.



FILTER DEFLECTOR PLATE

To ensure the filter deflector plate is fitted in the correct position the inlet tube needs to be in line with the suction port

CONNECTING YOUR SUCTION POLES AND END TOOLS TOGETHER



Insert the
carbon
fibre tool
holder into
the pole



Adjust the
tension of
the clamp
by
twisting it



Select your end tool and insert it into the
tool holder, adjust the tension of the clamp accordingly



Open the clamp up and
insert the pole



Insert the pole up to the
positive stopper and no
further



Adjust tension of the
clamp and close off



Push the
end cuff
over your
base pole

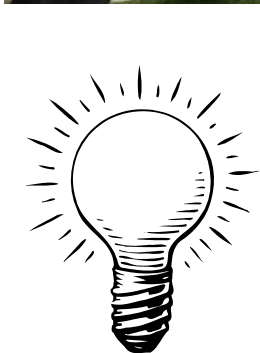


Build your poles up against
the wall

Lean them against the wall
with the logo facing upwards.
Fit your selected end tool on
the top pole first then feather
the poles upwards until you
reach your desired height.
Always fit the Vac Release
Pole as your base pole



Your carbon poles are extremely strong.
However, avoid over straining/bending
them when handling heavy grass
deposits. The Best way to remove heavy
tufts of grass from gutters is to chop them
down into manageable lengths.
Place suction end tool on the grass tuft
and lift away from gutter then open up
Vac Release door to cut the suction. This
will release the grass from the end tool.
IMPORTANT ensure you can drop the grass
safely to the ground



FITTING AND OPERATING THE OPTION INSPECTION CAMERA



SkyCam Instructions

Press the button behind the water proof boot to switch the camera on



Attach the camera to the pole. You can survey the length of gutter to identify the depth of cleaning required then remove camera and start cleaning. This allows you to be a little more vigorous with the suction poles.

Once the clean has been completed use the camera for a quick inspection



Always clean your poles to ensure the joints are clean and free from grit/dirt which may prematurely wear the joints



When cleaning, wet or damp gutter dirt can sometimes stick and line the inside of your poles. The poles will get cold to touch and the weight of the poles will be increased slightly. To remedy this, place the end tool in water and suck up a small amount of water.

TIP After every shift, flush the inside of tubes and flexi hose by sucking half a bucket of water up into the vacuum and empty. This helps keep the pole joints clean from grit

TOP 10 TIPS FOR GUTTER CLEANING

- 1) When you arrive on site carry out an inspection first with your SkyCam so you know what to expect
- 2) The cleaning action is to agitate the debris in the gutter to break it into bite sized pieces. So no need to have your camera fitted at this stage
- 3) Always nibble forward to grab a bite sized piece then pull back, this will give the SkyVac a chance to work and will help to avoid blockages in the end tool
- 4) If you do get any blockages in your end tool simply open up the vac release valve to allow the blockage to fall free
- 5) As the SkyVac cleans the inside of the poles can get coated with dirt. Periodically bring them down and suck up 2—3 litres of fresh tap water to flush them through
- 6) When lifting heavy clumps of grass/earth from the gutter lift up slowly and turn airside make sure below is clear and safe, open up the vac release valve to cut the vacuum to allow the collected waste to fall to the floor
- 7) If you are unsure you have sucked up everything, you can open up the vac release door slightly to see if there is any debris passing through or not. If nothing is going by then move on.
- 8) For large leaves if your end tool keeps getting blocked, swap over to the blow function feature to simply and quickly blow the gutter clear
- 9) For maximum suction power always keep your filter clean
- 10) After the clean has been completed put your SkyCam back up to check you have removed everything

CAUTION

The vacuum cleaner should be switched off immediately if foam or liquid is discharged

DO

- 1) Take care of the machine and be aware of “other” in the operational area
- 2) Service the machine regularly by an authorised representative, this will extend the service life of the equipment
- 3) Only use spare parts provided by Spinaclean Ltd
- 4) Empty the cleaner before it becomes too full and pick up effectiveness of the cleaner is reduced

DO NOT

- 1) Do not leave the machine in operation unattended
- 2) Do not smoke or use naked flames or spark producing equipment near the vacuum cleaner

CARE AND MAINTENANCE

Always disconnect the battery (if fitted) and spark plug lead if carrying out maintenance

Bearings—The exhauster has pre-greased bearings which require little maintenance. The non drive end bearing is sealed and will need no maintenance. The drive end bearing should be inspected every six months for excessive play

Belts—Slacken engine support, lightly tension the belt so any snag is removed, ensuring the ribs are snug fit in the grooves. Mark two lines on the back of the belt 200mm apart, tension the belt carefully rotating slowly until distance between the two lines has increased by 1.0mm (i.e 0.5% increase) Ensure the platform adjustment is fully locked, check the belt frequently in the first 24 hours of operation and re-adjust if necessary. If the belt will not turn true, the pulley shafts are either twisted in relation to one another or not parallel to one another. Ensure that the driving and the driven shafts are parallel and that the pulleys are aligned by using a straight edge and adjusting the motor position accordingly. Always ensure that the motor is secure in position when adjustments are completed.



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