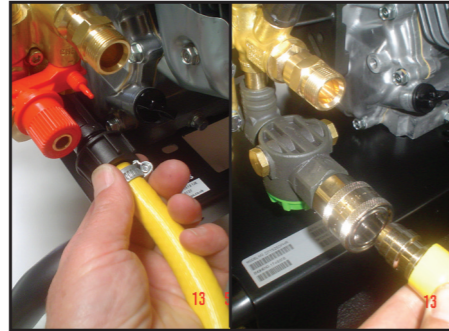


## Fault Finding Tips

### Pressure Washer will not prime!

Pump valves can become stuck during storage, connect mains water hose to the pump inlet to force water through the pump, then start the engine briefly to free any sticky valves.

**Note:** You will need to unclip the supplied suction hose at the pump end quick release fitting and attach your mains water hose to allow the water pressure to force the valves open, remember to open the lance trigger allowing the water to pass through the pump.



### Pressure seems low!

- 1) Check the pressure regulating valve knob is turned fully clock-wise.
- 2) Ensure all the air is expelled from the pump and pipe work.
- 3) Check the nozzle head at the end of the lance is turned to the high pressure position.

### Pressure rises and falls intermittently!

- 1) Check for loose suction hose connections allowing air into the pump.
- 2) Check the suction quick release coupling is in good condition and the sealing o-ring is not damaged; if in doubt replace the o-ring.
- 3) Check the suction filter is fully submerged under the water.
- 4) Check the suction hose is not kinked restricting the flow.
- 5) Check that suction filters are not blocked.

If connected direct to the mains water, check that no other appliance is using water from the same supply; this will reduce the flow to the pump making it noisy and low on pressure.

**Note:** Prolonged use with restricted water feed will damage the pump seals and valves.

### Engine will not start!

- 1) Check there is fuel in the tank.
- 2) Check the oil level in the engine is at the correct height. Engines with oil alert will not start if the oil level is low.
- 3) The engine choke may be required if the engine is cold or the engine has just been fuelled for the first time.

#### Dual Pumps Limited

Unit 8, Hudson Road, Saxby Road Ind. Est. Melton Mowbray, Leicestershire LE13 1BS

Tel: +44 (0)1664 567226 Fax: +44 (0)1664 410127

E-mail: [info@dualpumps.co.uk](mailto:info@dualpumps.co.uk) [www.dualpumps.co.uk](http://www.dualpumps.co.uk)



## Engine Driven Pressure Washers



**Evolution**

**Cobra**

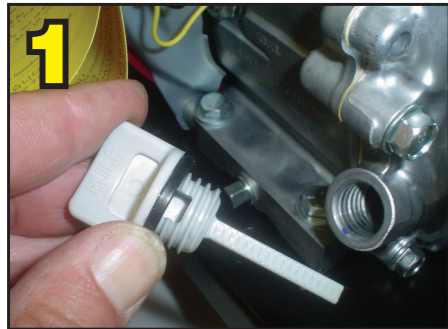
**&**

**Delta**

**Quick  
Start Guide**



# Cobra, Delta & Evolution Pressure Washer Quick Start Guide



Fill engine with oil to correct level

**IMPORTANT**  
Engines are not shipped filled with oil. To run, engine must be filled to correct oil level.

We recommend our speciality engine oil for all our petrol and diesel engines



Part No.  
199-2002



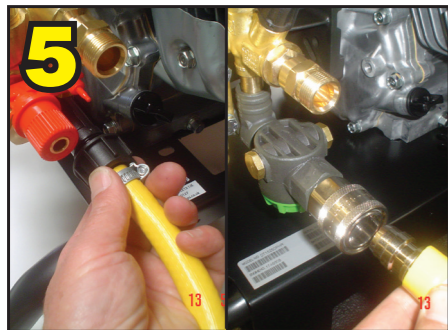
Remove travel bung and fit dipstick



Check the oil levels for the pump, and gearbox (if fitted)



Ensure the fuel tank is filled with clean fuel



Attach the water suction hose to the machine inlet connection



The suction hose should be used with a clean water supply



Attach the high pressure hose to the machine outlet connection



Attach the end of the high pressure hose to the trigger gun connection



Do not attach the end of the two-piece lance assembly until priming is completed



Open the fuel tap, close the choke and start the engine, gradually open the choke until the engine runs smoothly



Slowly increase the engine revs to approximately **HALF** speed



Open the trigger gun and the pump will slowly start to prime the water through



Once a constant flow of water is achieved the split lance can be reconnected



Adjust the nozzle to the required pressure position



Increase the engine revs to **FULL** speed

**The machine is now ready for use.**

## IMPORTANT

Before you start to use this machine please read the safety instructions in section 3 of the Pressure Washer handbook

## IMPORTANT

If the machine fails to prime refer to the Pressure Washer Handbook