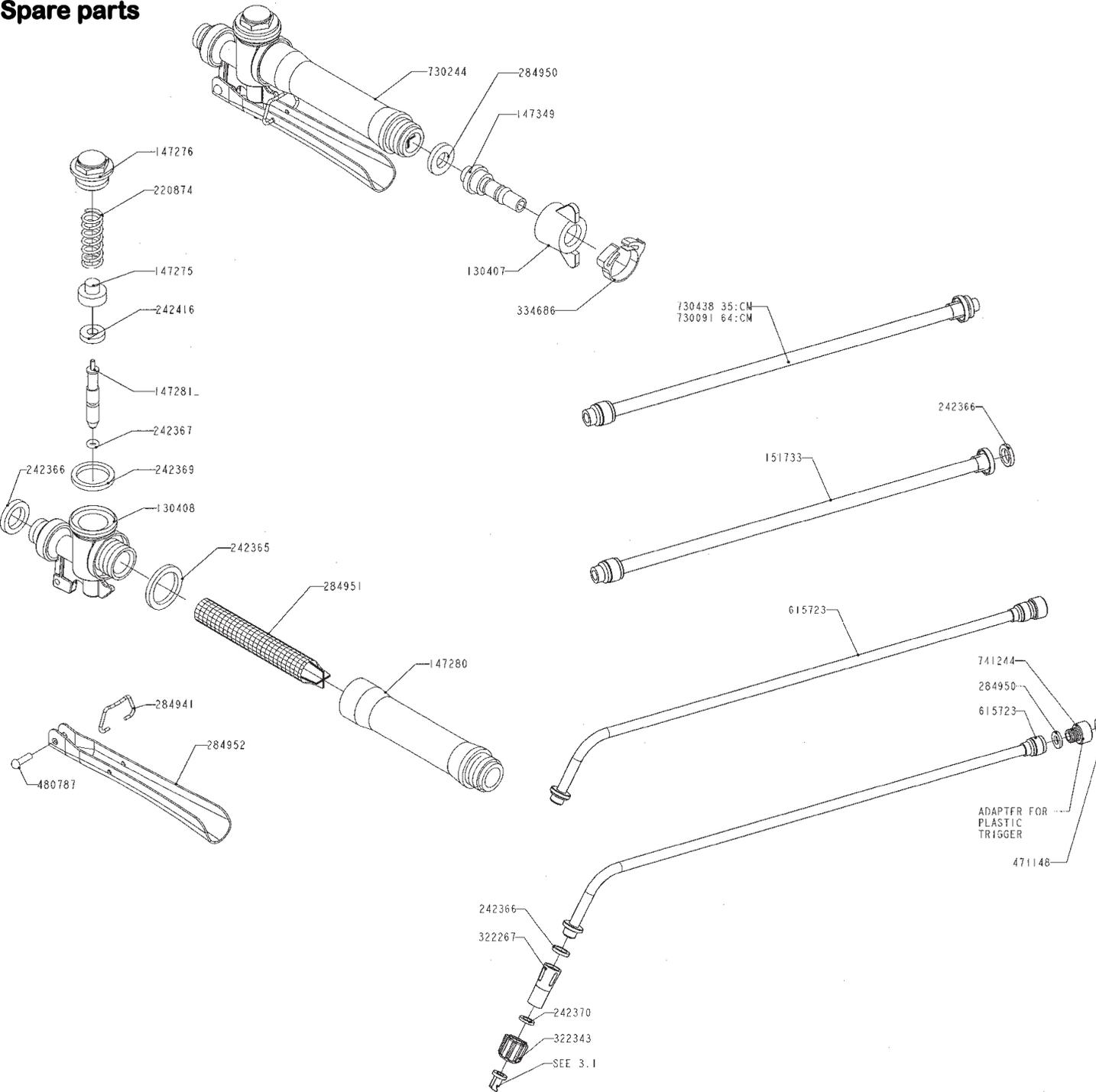


Spare parts



FALCON

Specification

The containers incorporate a charge pump, pressure gauge, and pressure relief valve which is set to operate above 6 bar (85psi).

Assembly

Fit lance to trigger valve and connect hose to the outlet of container, ensuring that all washers are in place. Following the operating instructions below, test the machine with water to ensure that it is in correct working order.

Operation

Remove the pump assembly by pressing down on the pump handle to disengage the lugs; then continue to turn handle anti-clockwise to unscrew the pump assembly from the container.

Pour in up to, but not more than, 5 litres or 10 litres of liquid. Replace pump assembly, screwing home firmly. Charge with air until pointer of pressure gauge reaches the red line (6 bar). Lower pressures can be used if desired. The sprayer is now ready for use.

In order to depressurise the container, pull up the pressure relief valve. When no more air is heard to escape, it is safe to remove the pump assembly.

If in doubt, or if the machine does not give complete satisfaction, please contact us.

Nozzles

The standard machine is provided with a variable spray nozzle, which provides a fine mist spray, adjustable from a wide cone to a straight jet of 6 metres (20') or more by turning the cap.

Maintenance

THIS SPRAYER MUST BE WASHED OUT THOROUGHLY IMMEDIATELY AFTER USE with warm water and a little soda, shaking the machine well and spraying the water out. Remove the nozzles to save time. After using creosote, wash out with a weak solution of detergent. The piston washer (285165) should be oiled from time to time. To withdraw piston rod with plunger, remove both screws holding cylinder cap. When reassembling care should be taken to avoid bending or damaging the piston washer. If the piston washer has to be replaced, the open side of the washer must face downwards.

The foot valve (285166) at the bottom of the cylinder prevents liquid from entering the pump. If liquid leaks into the pump, the valve should be inspected and cleaned. The plastic cover of the tank is easily detachable for servicing pressure gauge and safety valve. To remove cover, give a sharp, upward pull. When replacing, be careful that catches on plastic cover engage with outer rim of filling funnel and push down.

Possible causes of trouble

Loss of pressure – Check sealing washers (285169). Check 'O' Seal (242400) and its seating. If any parts are damaged or worn, replace immediately.

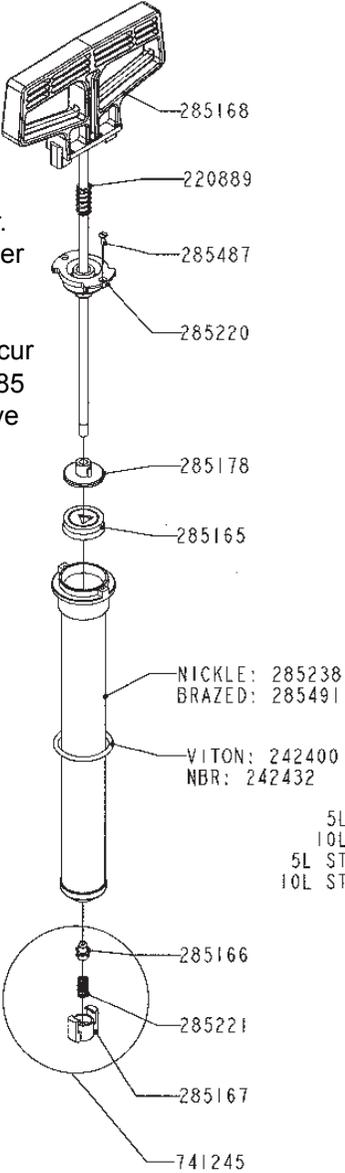
Piston rises after pumping – Renew foot valve (285166) by removing parts (285221) and (285167).

Difficulty in pumping – Check foot valve (285166) as above. Examine piston washer (285165). If damaged, replace.

Safety valve testing

Valve should be checked every three months if the machine is used continuously, or every six months if only used periodically. The test should be conducted as follows:

1. Ensure that the trigger valve is closed.
2. Fill machine completely with clean water to exclude all air.
3. Pressurise the container using the hand pump until the relief valve opens. This should occur between 6 and 7 bar (85 and 100psi). If the valve does not operate between these pressures, it must be replaced before the machine is used.



Spare parts

