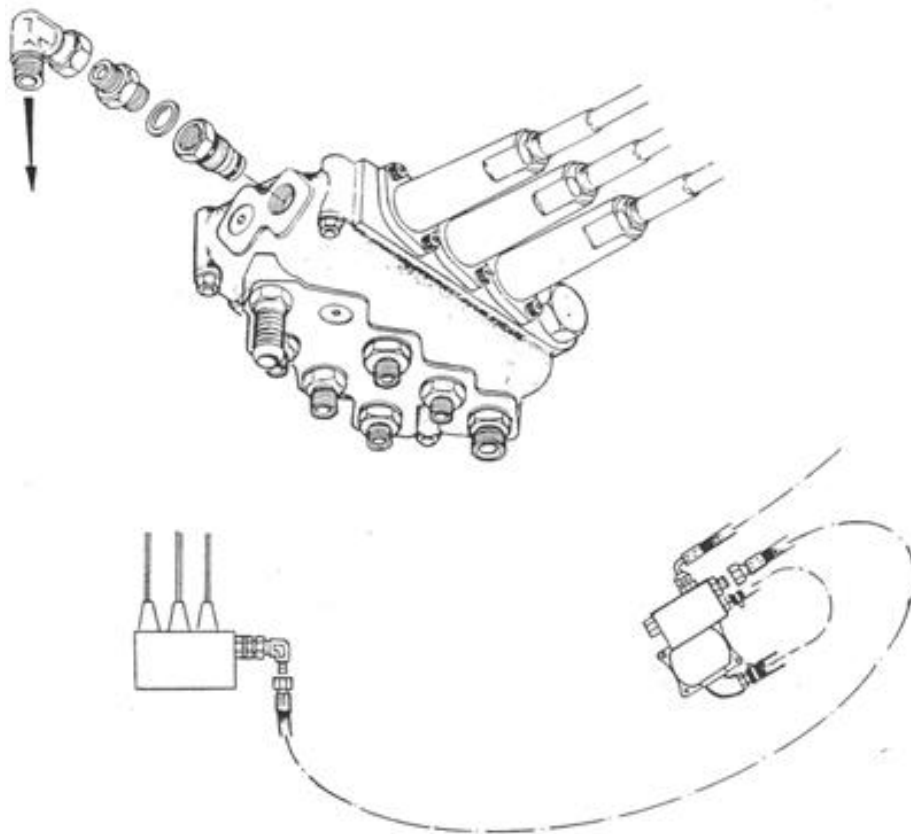


## DEBRIS BLOWER Mk1 & 2

Debris Blowers are fitted to the hedge trimmer by a bracket mounting kit bolted to a pad, containing 4 tapped holes, on the underside of the oil tank.

Oil supply is taken from the tractors spool valve and must be returned to a free flow return. Two exceptions are the PA600, which uses a separate pump and control valve and semi-independent machines.

When Debris Blowers are fitted to S.I. machines the plug from the end of the pressure gallery on the armhead control valve is removed and replaced with a pressure carry over adaptor, a union and a swivel elbow. The pressure supply to the Debris Blower is taken from this swivel elbow. The return must be to a free flow return on the tractor.



**Note** the blower will be running all the time there is hydraulic power to the armhead control valve.

The Debris Blower requires an oil flow of 24 l/min to give a fan speed of 2600rpm. It incorporates a flow divider or speed control valve to limit the fan speed. To avoid excessive heat the tractor's flow control should be turned down so that only sufficient oil is provided to run the fan at the correct speed.



**Problem** – Motor hunting or surging i.e. the fan speed is not constant.

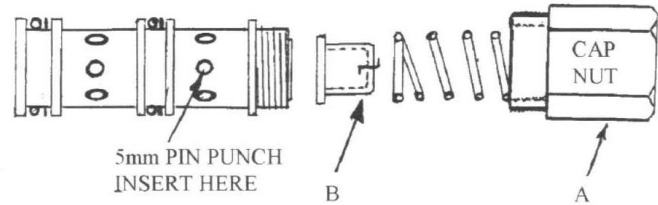
Remedy, adjust the metering orifice.

n.b. First ensure that the oil is not frothing due to aeration.

Unscrew the valve cap nut- 'A' from the control block.

Use pin punch to hold the spool and unscrew cap 'A' from the spool, do not use grips on the spool.

FLOW CONTROL VALVE



Reduce the metering orifice (very small hole) in item 'B', use a thin piece of wire and bend the ends over to retain it. Do not completely block the hole. The hole size can also be reduced by dot punching close to the hole edge.

