

VM3COP50.20 Tom Thumb Prebuild Component Inspection

Tool list:

Isopropyl alcohol
Lint free cleaning cloth
Inspection light

Adjustable valve**Part number and description:**

0330223 - Adjustable valve spring

0330225 - Adjustable valve seating

0330227 - Adjustable valve seat

0330229 - Adjustable valve body

0330230 - Adjustable valve screw

0330231 - Adjustable valve internal stop

0330232 - Adjustable valve collar

0330233 - Adjustable valve centre screw

0330234 - Adjustable valve side screw

Inspection:

Ensure the spring clean

Ensure the valve seating is clean and inspect the threads for burrs. Inspect the chroming for blemishes, discolouration and peeling.

Ensure the valve seat clean

Ensure the valve body is clean. Inspect each of the threads for burrs. Inspect each port is free of foreign material. Inspect the chroming for blemishes, discolouration and peeling.

Ensure the valve screw is clean and inspect the threads for burrs. Inspect the chroming for blemishes, discolouration and peeling.

Ensure the valve internal stop is clean and inspect the threads for burrs. Inspect the chroming for blemishes, discolouration and peeling.

Ensure the valve collar is clean and inspect the threads for burrs. Inspect the chroming for blemishes, discolouration and peeling.

Ensure the valve centre screw is clean.

Ensure the valve side screw is clean.

Precision valve**Part number and description:**

0330222 - Precision valve spring

Inspection:

Ensure the precision valve spring is clean.

0330224 - Precision valve body

Ensure that the precision valve body is clean. Inspect the threads for burrs. Inspect each of the ports for obstruction. Inspect the chroming for blemishes, discolouration and peeling.

0330225 - Precision valve seating

Ensure the precision valve seating is clean. Inspect the thread for burrs. Inspect the port for obstruction. Inspect the chroming for blemishes, discolouration and peeling.

0330227 - Precision valve seat

Ensure the precision valve seat is clean.

0330228 - Precision valve adjustment screw

Ensure the valve adjustment screw is clean and inspect the thread for burrs. Inspect the chroming for blemishes, discolouration and peeling.

Tom Thumb body, ports and bolts**Part number and description:**

0330200 - TT460 main body block

0330201 - TT480/490 main body block

0330202 - TT495 main body block

Inspection:

Ensure the body block is clean. Inspect each thread for burrs. Inspect each port is free of foreign material. Inspect the chroming for blemishes, discolouration and peeling.

0330205 - Flow meter bolt

Ensure the flow meter bolt is clean. Inspect the thread for burrs. Inspect the chroming for blemishes, discolouration and peeling.

0330206 - Blocking bolt and nut

Ensure the blocking bolt and nut are clean. Ensure the nut can be rotated on the bolt thread. Inspect the threads for burrs. Inspect the ports for obstruction. Inspect the chroming for blemishes, discolouration and peeling.

0330207 - Blanking bolt

Ensure the blanking bolt is clean. Inspect the thread for burrs. Inspect the chroming for blemishes, discolouration and peeling.

0330208 - Inlet 10mm

Ensure the inlet is clean. Inspect the thread for burrs. Inspect the port for obstruction.

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0330209 - Outlet 15mm

Inspect the chroming for blemishes,
discolouration and peeling.

Ensure the outlet is clean. Inspect the thread
for burrs. Inspect the port for obstruction.
Inspect the chroming for blemishes,
discolouration and peeling.

0330235 - Inlet restrictor

Ensure the inlet restrictor is clean.

0330296 - Blanking bolt

Ensure the blanking bolt is clean. Inspect the
thread for burrs. Inspect the chroming for
blemishes, discolouration and peeling.