

MAIN RELIEF VALVE

Testing Information

There are four different procedures to test and adjust the main relief valve depending on which of four options the machine is equipped with.

For machines without a joystick and without rear auxiliary hydraulics. (See For Machines Without Joystick And Without Rear Auxiliary Hydraulics on Page 20-20-1.)

For machines without a joystick and equipped with rear auxiliary hydraulics. (See For Machines Without Joystick And Equipped With Rear Auxiliary Hydraulics on Page 20-20-3.)

For machines equipped with joystick and without rear auxiliary hydraulics. (See For Machines Equipped With Joystick And Without Rear Auxiliary Hydraulics on Page 20-20-4.)

For machines equipped with both joystick and rear auxiliary hydraulics. (See For Machines Equipped With Both Joystick And Rear Auxiliary Hydraulics on Page 20-20-6.)

All testing is done with the hydraulic oil at operating temperature.

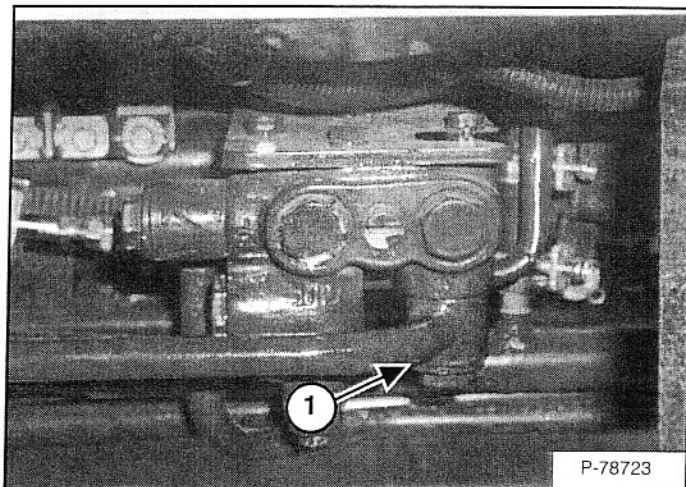
The following tools will be needed for the testing of the main relief valve:

MEL1654 - Compact Tractor Hydraulic Test Kit

Testing And Adjusting The Main Relief Valve

For Machines Without Joystick And Without Rear Auxiliary Hydraulics

Figure 20-20-1



Remove the plug (Item 1) [Figure 20-20-1] from the "OUT" port on the hydraulic block.

IMPORTANT

When repairing hydrostatic and hydraulic systems, clean the work area before disassembly and keep all parts clean. Always use caps and plugs on hoses, tubelines and ports to keep dirt out. Dirt can quickly damage the system.

I-2003-0888