

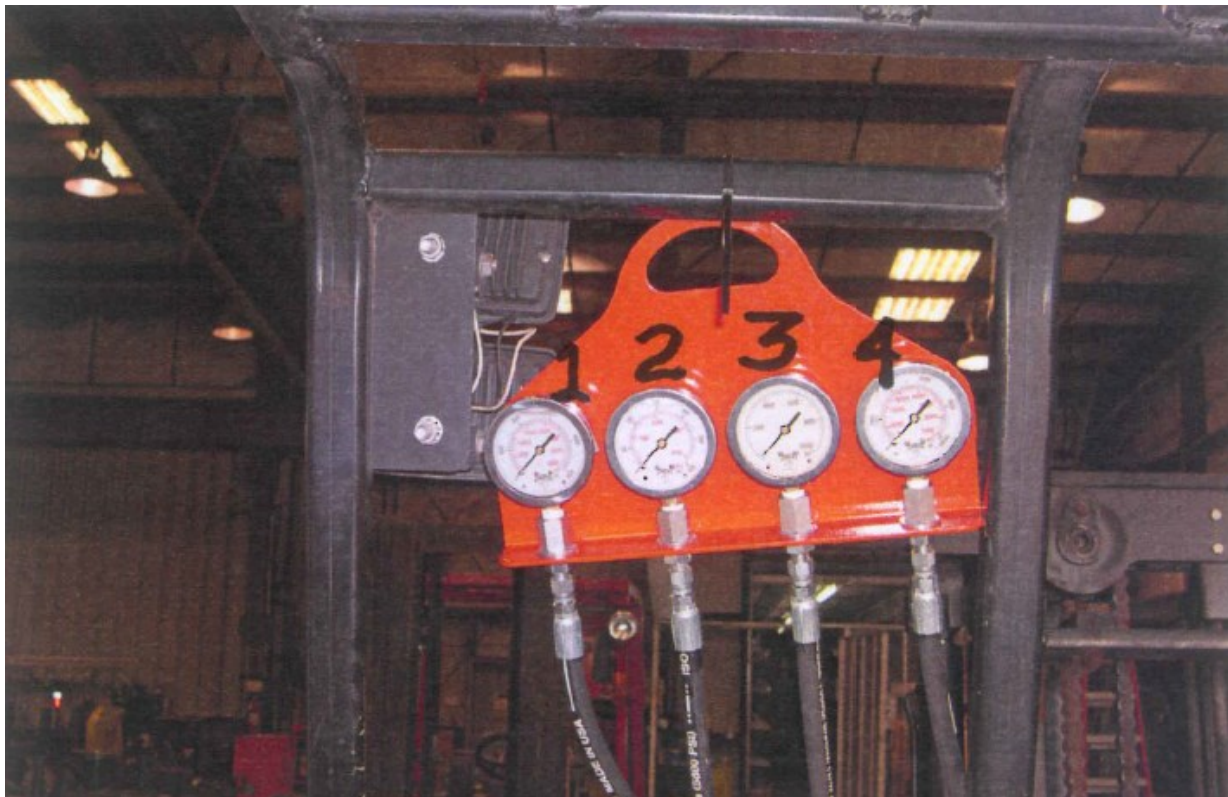


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Pressure checking guide for all BC3– field forklifts

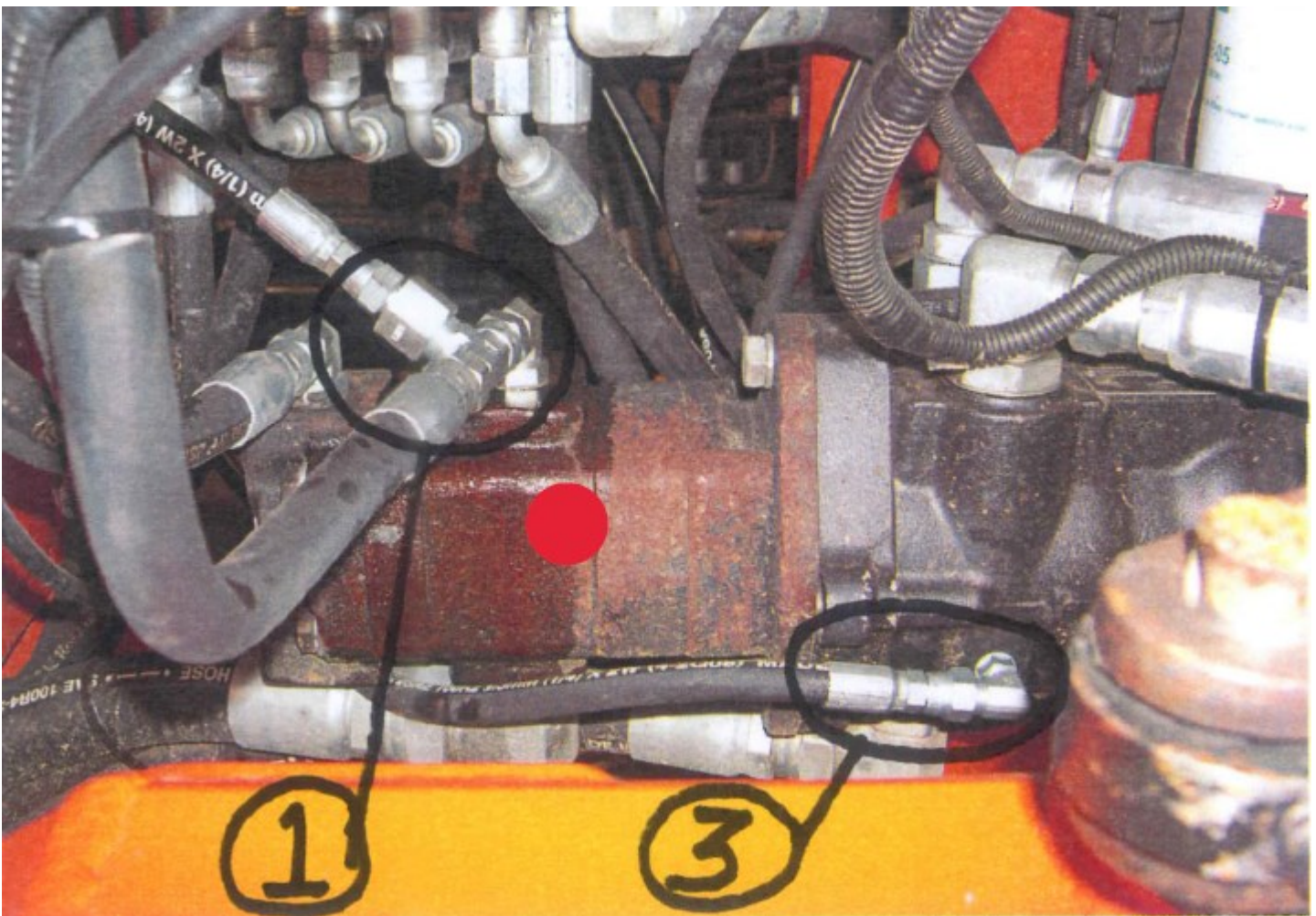
This guide will be using a pressure gauge testing kit sold by Bright Coop. If you would like to purchase this kit, please order Item # 097-21910.



In order for the pressures to be read accurately, the forklift must be deadheaded into a solid structure with the engine rpms at max level when checking the pressures, unless noted.

Step 1: Remove the hydraulic line from the gear pump and add (1) of the t-fittings and connect the hydraulic line from gauge #1 to the t fitting. This will measure the mast pressure coming from of the pump. (Circled as #1) Connect all hydraulic lines as shown. Actuate the mast to check the mast up and down pressures. USE THE 5,000 PSI GAUGE! The orientation of gauges may differ.

Mast up should equal 2,400—2,500 psi



Step #2: To check the rearward pressure find the plug on the side of the pump right above the steer tire. Attach the hydraulic line from the 10,000 psi gauge to the side of the high pressure pump .(Circled #3) Back the machine up to a solid structure and try to go in reverse. The pressure should be read at maximum rpm.

Rearward High Pressure approx. 5,500 psi

Step #3: Attach the t-fitting as shown with the #2 hydraulic gauge line attached to the 600 psi gauge on top of the traction block. The charge pressure shown be checked at idle speed.
Charge pressure is approx.. 300 psi



Step #4: Behind the hinge post for the fuel tank, you will find a plug on the side of the hydraulic pump. Attach the #4 hydraulic line from the 10,000 psi gauge to check the forward high pressure. Deadhead the machine against something solid and check with the rpms maxed out.
Forward high pressure approx.. 5,500 psi

