Section E - Hydraulics Circuit Descriptions

Loader Valve - Arms Raise/Lower

D024250

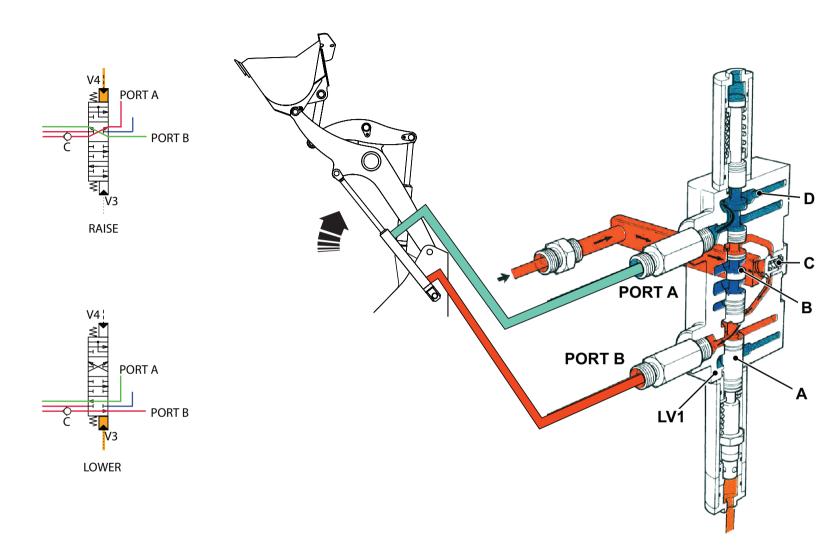


Fig 13.



Section E - Hydraulics Circuit Descriptions

Loader Valve

Loader Valve

Shovel Tip

Shovel Return

When the shovel return servo-pressure is applied to the loader valve section **LV2** the spool **A** is moved to separate the ram pressure and the return lines. ⇒ *Fig 14.* (\(\bigchi \) **E-23**).

The pressure oil is sent to port **B** and the exhaust line to port **A**. The higher pressure is now on the rod side of the piston and this causes the ram to retract.