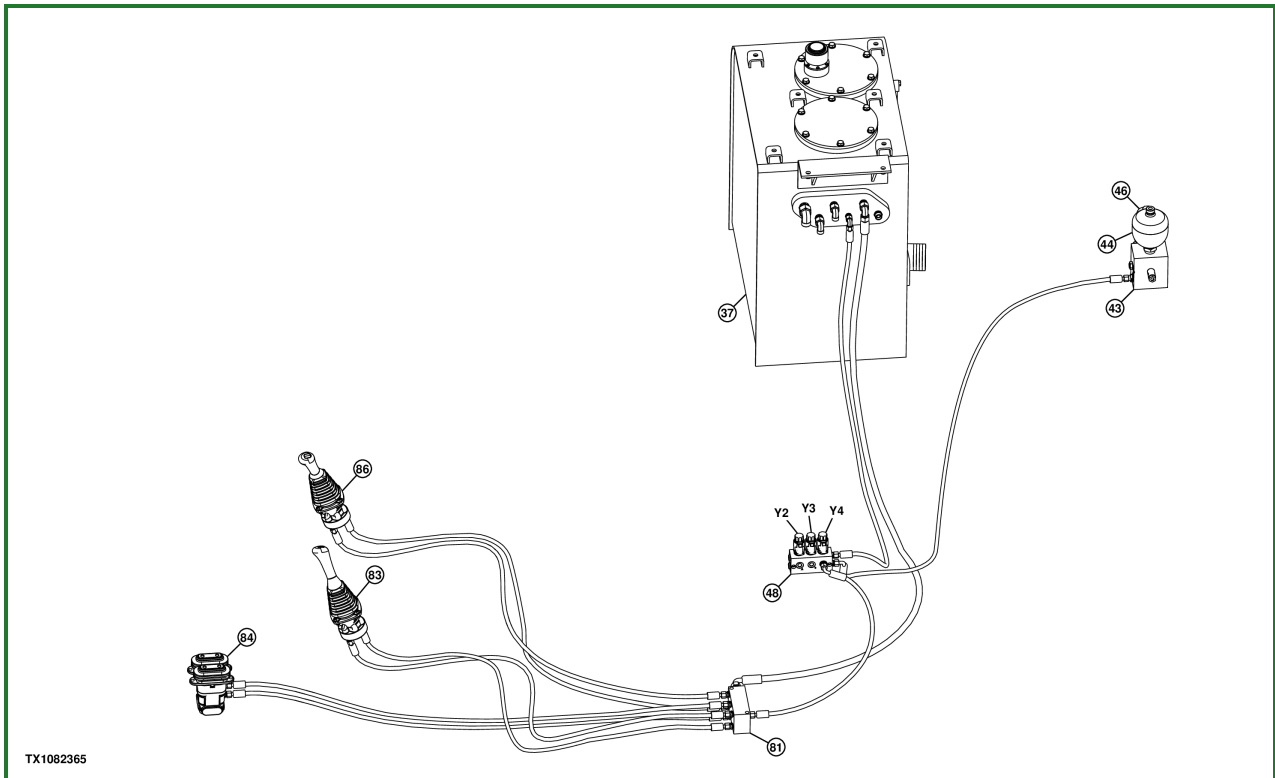


Pilot Supply Manifold Operation



TX1082365-UN: Pilot Supply Manifold Operation

LEGEND:

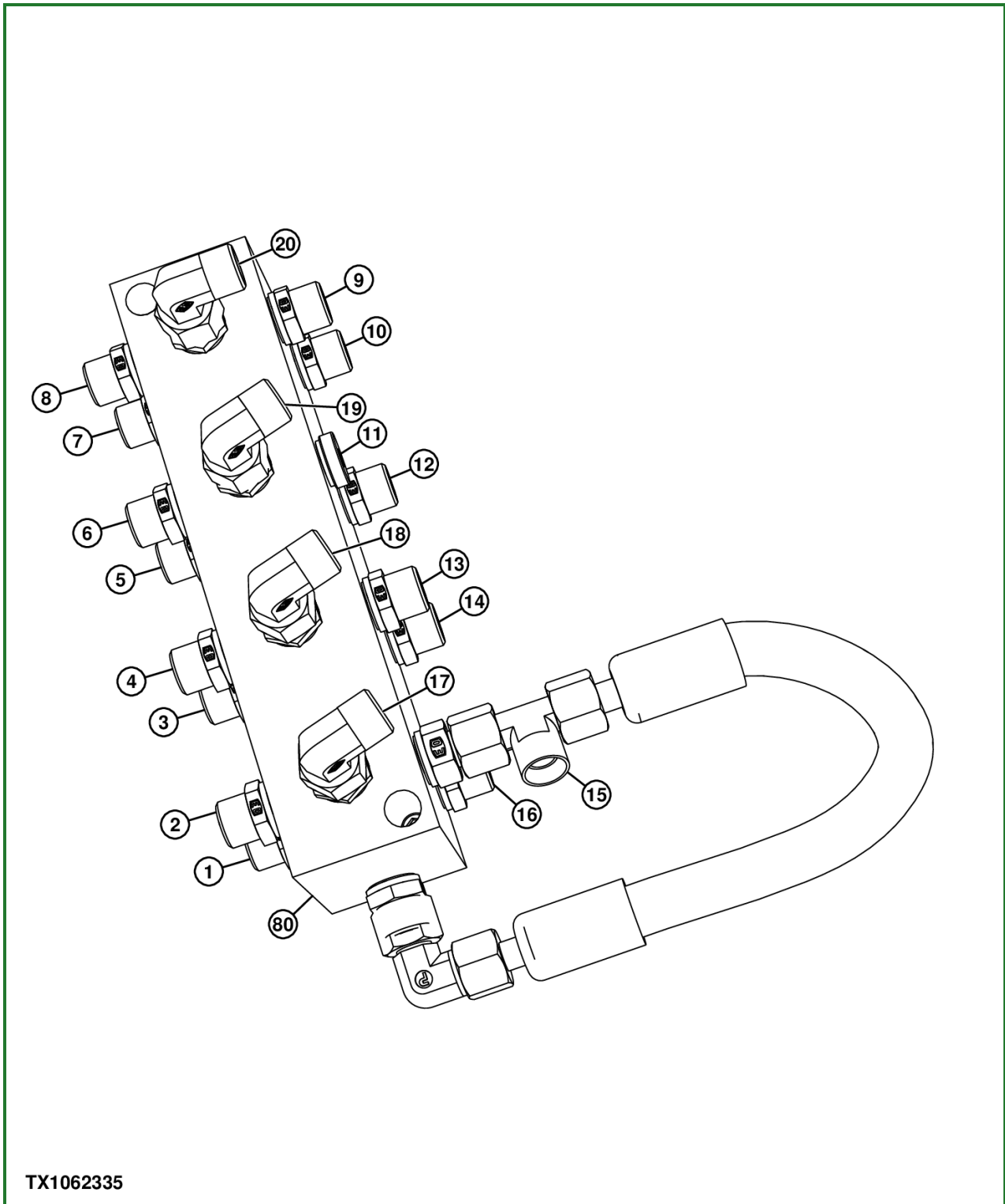
- 37 - Hydraulic Oil Tank
- 43 - Accumulator Manifold
- 44 - Pilot Accumulator
- 46 - Pilot Filter and Pilot Filter Bypass Valve
- 48 - Pilot Pressure Solenoid Manifold
- 81 - Pilot Supply Manifold
- 83 - Left Pilot Control Valve
- 84 - Travel Pilot Control Valve
- 86 - Right Pilot Control Valve
- Y2 - Travel Speed Solenoid
- Y3 - Pressure Boost Solenoid
- Y4 - Pilot Enable Solenoid

The pilot supply manifold (81) is used to route oil to multiple pilot control locations. Pilot supply oil from the accumulator manifold (43) and pilot pressure solenoid manifold (48) is sent to the pilot supply manifold. One return line goes back to the hydraulic oil tank (37). Pilot supply oil is distributed to the left and right pilot control valves (83 and 86) and the travel pilot control valve (84).

Go to [Section_9025:Group_05](#)

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Pilot Distribution Manifold Operation



TX1062335-UN: Pilot Distribution Manifold

LEGEND:

- 1 - From Left Pilot Control Valve (swing left)
- 2 - From Left Pilot Control Valve (swing right)
- 3 - From Right Pilot Control Valve (boom down)
- 4 - From Right Pilot Control Valve (boom up)
- 5 - From Right Pilot Control Valve (bucket dump)
- 6 - From Right Pilot Control Valve (bucket curl)
- 7 - From Left Pilot Control Valve (arm in)
- 8 - From Left Pilot Control Valve (arm out)