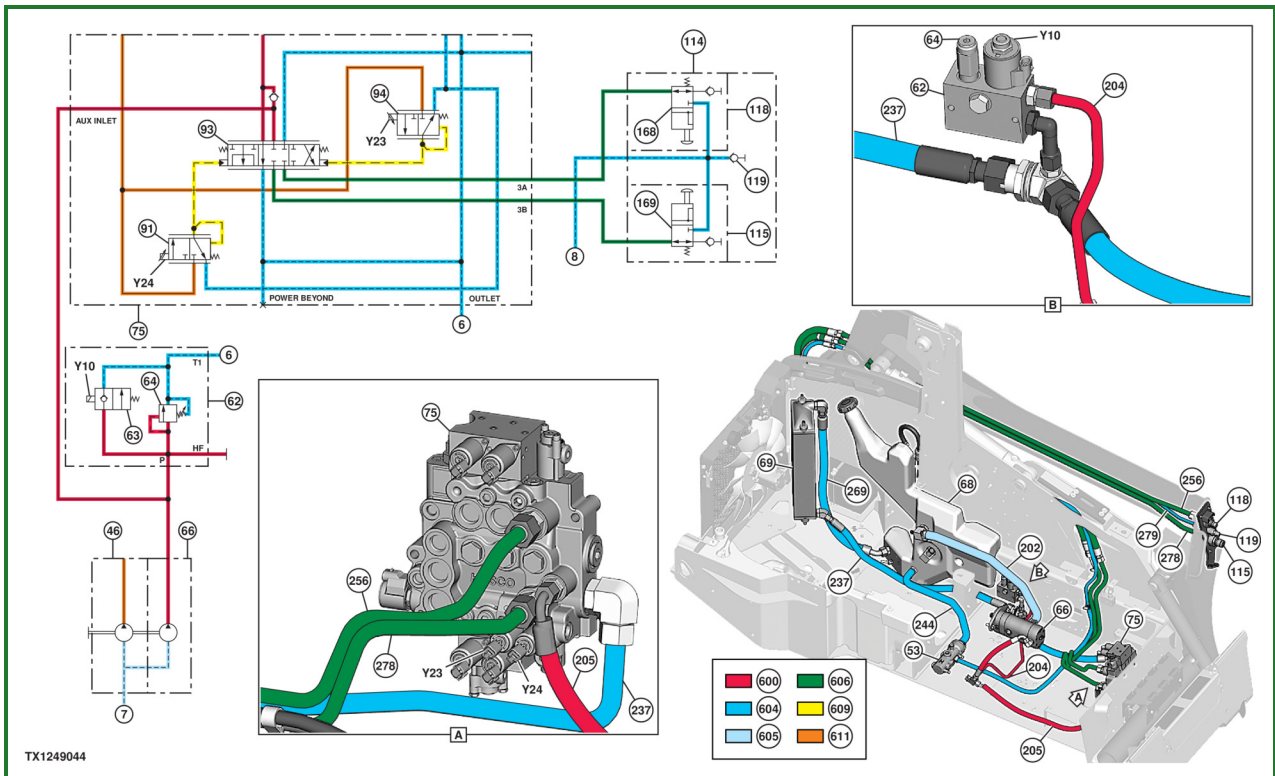


High Flow Pump Operation—If Equipped



TX1249044-UN: High Flow Hydraulic Circuit

LEGEND:

- 6 - To Hydraulic Oil Cooler
- 7 - From Hydraulic Oil Reservoir
- 8 - To Return Manifold
- 46 - Charge Pump
- 53 - Return Manifold
- 62 - High Flow Valve
- 63 - High Flow Spool
- 64 - High Flow Relief Valve
- 66 - High Flow Pump
- 68 - Hydraulic Oil Reservoir
- 69 - Hydraulic Oil Cooler
- 75 - Hydraulic Control Valve
- 91 - Auxiliary Solenoid (female) Spool
- 93 - Auxiliary Spool
- 94 - Auxiliary Solenoid (male) Spool
- 114 - Auxiliary Coupler Manifold
- 115 - Female Auxiliary Port
- 118 - Male Auxiliary Port
- 119 - Auxiliary Case Drain Port
- 168 - Male Auxiliary Port Connect Under Pressure (CUP) Valve
- 169 - Female Auxiliary Port Connect Under Pressure (CUP) Valve
- 202 - Hydraulic Oil Reservoir-to-Charge Pump and High Flow Pump Line (if equipped)
- 204 - Supply Oil From High Flow Pump to High Flow Valve
- 205 - High Flow Pump-to-Hydraulic Control Valve Line
- 237 - Hydraulic Control Valve-to-Hydraulic Oil Cooler Line
- 244 - Return Manifold-to-Hydraulic Oil Reservoir Line

- 256 - Hydraulic Control Valve-to-Auxiliary Male Port Line
- 269 - Hydraulic Oil Cooler-to-Hydraulic Oil Reservoir Line
- 278 - Hydraulic Control Valve-to-Auxiliary Female Port Line
- 279 - Auxiliary Case Drain Port-to-Return Manifold Line
- 600 - High-Pressure Oil
- 604 - Return Oil
- 605 - Suction Oil
- 606 - Trapped Oil
- 609 - Pilot Oil
- 611 - Charge Oil
- A - Hydraulic Control Valve Detail
- B - High Flow Valve Detail
- Y10 - High Flow Solenoid
- Y23 - Auxiliary Port (male) Solenoid
- Y24 - Auxiliary Port (female) Solenoid

The high flow pump (66) is for attachments that require a high hydraulic oil flow rate to operate. High flow pump is attached to charge pump (46) on pump stack. High flow hydraulic pump and charge pump share oil supplied from hydraulic oil reservoir (68). High flow pump supplies a constant flow of oil to the high flow valve (62). High flow relief valve (64) is an adjustable relief valve that maintains a set pressure in high flow hydraulic circuit.