Top diagram labels:

PLOW ANGLE DISCONNECT RETURN

PLOW UP -10 O-RING

AUGER -10 O-RING

SPINNER -10 O-RING

HOIST UP -12 O-RING

LOAD SENSE (GAUGE PORT) -4 O-RING

PT3

DRAIN

A   S   HA

P   HB   B   T2

PLA

PLB   PAA   PAB   LS2   LIQ

LS

RETURN BACK TO TANK -16 O-RING

DRAIN BACK TO TANK -6 O-RING

PLOW DOWN -10 O-RING

PLOW LEFT -10 O-RING

PUMP IN -16 O-RING

LOAD SENSE -4 O-RING

PLOW RIGHT -10 O-RING

LIQUID (OPTIONAL) -10 O-RING

HOIST DOWN -12 O-RING

AUGER REVERSE -10 O-RING

"Z" PORT -16 O-RING

L.S. DRAIN ORIFICE

MANIFOLD: HF104420-15

Chkd by: RS   Appvd by: MK   Apr. 19, 2017   R3518

Muncie Power Products

Advantage Plus

MASTER INPUT
Red = +12V
Black = Ground
White = Hot Oil (B1)
Green = Cold Oil (B2)
Red = Low Oil (B3)
Brown = Low Pump Pressure (B4)
Red = Sensor Supply (B5)
Gray = Pump Pressure Transducer (B6)
Green = Load Sense Pressure Trans. (B7)
Pink = Ground Speed (B10)
Green = Ant-Ice Feedback (B11)
Yellow= Ignition (B12)

MASTER OUTPUT
White = Spinner Output (A7)
Orange = Auger Output (A8)
Brown = Main Relief (A11)

SLAVE B OUTPUTS
Brown = Plow Up (B1)
White = Plow Down (B2)
Grey = Plow Down Relief (B3)
Blue = Plow Left (B4)
Purple = Plow Right (B5)
Yellow = Hoist Up (B6)
Orange = Hoist Down (B7)
Pink/G = Hoist Down Relief (B8)

HOT/LOW OIL SENSOR
WHITE (HOT OIL)
RED (LOW OIL)
GREEN (COLD OIL)
BLACK (GROUND)
OPTIONAL SENSOR

MANIFOLD: HF104420-15

Diagram labels:

SPINNER COMPENSATOR

SPINNER (MASTER OUT-WHITE)

HOIST DOWN RELIEF (SLAVE B OUT-PINK/G)

HOIST UP (SLAVE B OUT-YELLOW)

PLOW DOWN (SLAVE B OUT-WHITE)

PLOW UP (SLAVE B OUT-BROWN)

PLOW UP RELIEF

LOW PUMP PRESSURE SWITCH (GREEN TO B4 BROWN)

PLOW DOWN RELIEF (SLAVE B OUT-GREY)

HOIST DOWN #1 (SLAVE B OUT-ORANGE)

HOIST UP RELIEF

AUGER (MASTER OUT-ORANGE)

SPREADER RELIEF

AUGER COMPENSATOR

PGP

PUMP TRANSDUCER

PLOW COMPENSATOR

PLOW ANGLE DIRECTIONAL SPOOL

HOIST COMPENSATOR

DRAIN BACK TO TANK

DRAIN

PT3

BOOST PRESSURE RELIEF (OPTIONAL)

MAIN RELIEF (MASTER OUT-BROWN)

UNLOADER

PLOW LEFT (SLAVE B OUT-BLUE)

L.S. TRANSDUCER

PT2

PLOW RIGHT (SLAVE B OUT-PURPLE)

PT1

PUMP GUAGE PORT

LIQUID (PLUGGED)

HOIST SHUTTLE

PLOW LEFT COUNTERBALANCE

PLOW RIGHT COUNTERBALANCE

Power Relay/Power Manager

20 Amp Power Relay

Red(30) - To Power Stud A2

Red/Yellow(85) - Master Module Pin A3

Black(86) - Ground

Red(87)   Red - Power 12V DC Pin A1

20 AMP Fuse

Chkd by: RS   Appvd by: KW   Nov 28, 2018   File: R3518

Muncie Power Products