

HYDRAULIC SCHEMATICS

The following table applies to Figure 5-1 through Figure 5-7. Not all callouts are used on every drawing.

Callout	Description
BR1 - BR4	Brake, Integral to the torque hubs
C1	Valve, Drive directional
C2	Valve, Drive directional
CBV1, CBV2	Counterbalance Valve, Lift cylinder hold
CBV3, CBV4	Counterbalance Valve, Axle lock cylinders
CYL1	Cylinder, Hydraulic lift
CYL2	Cylinder, Hydraulic lift
CYL3, CYL4	Cylinder, Steer
CYL5, CYL6	Cylinder, Axle lock
CYL7 - CYL10	Cylinder, Outrigger
EPFR1	Flow Regulator, Diverts unused oil to tank
FD1 - FD3	Flow Divide Valve, drive traction control
FL1	Filter, Hydraulic oil return
FL2	Filter, Charge pump
HS1	Oil Shuttle Valve
LS1	Check Valve, Drive signal for Axle Lock
MA1	Manifold, Main
MA2	Manifold, axle lock, 2-speed, brake
MA3	Manifold, Drive
MT1 - MT4	Wheel Drive Motor
ORBV1 - ORBV4	Outrigger Blocking Valve, O/R control
ORF1	Orifice, Flow regulator control
ORF2	Orifice, Lower max speed control
ORF3	Orifice, Steer max speed control
ORF4	Orifice, Brake apply control
ORF5	Orifice, 2-speed shift control
ORF6 - ORF8	Orifice, Drive flow-divide bypass
ORF 9	Orifice, Drive Manifold
P1	Pump, Drive hydrastatic
P2	Pump, Lift, steer and outriggers
P3	Pump, Emerg power unit
PD1	Pilot-Operated Valve
PD2	Pilot-Operated Valve
RV1	Relief Valve, Lift, Lower max pressure
RV2	Relief Valve, Outrigger, steer max pressure
RV3	Relief Valve, Drive Manifold
RV4-RV5	Relief Valve, Lift Cylinder
SP1	Proportional Valve, Speed control
SV1	Solenoid Valve 5-way, 3 pos, Steer directional
SV2	Solenoid Valve 2-way, 2 pos, Axle Lock
SV3	Solenoid Valve 2-way, 2 pos, 2-speed shift
SV4	Solenoid Valve 2-way, 2 pos, Brake release
SV5-SV6	Solenoid Valve, Lift Cylinder
SVD1	Solenoid Valve 4-way, 3 pos, Lift, Lower
SVD2	Solenoid Valve 4-way, 3 pos, Outrigger directional





Figure 5-3: Hydraulic Schematic, 3392RT-T #13600045~

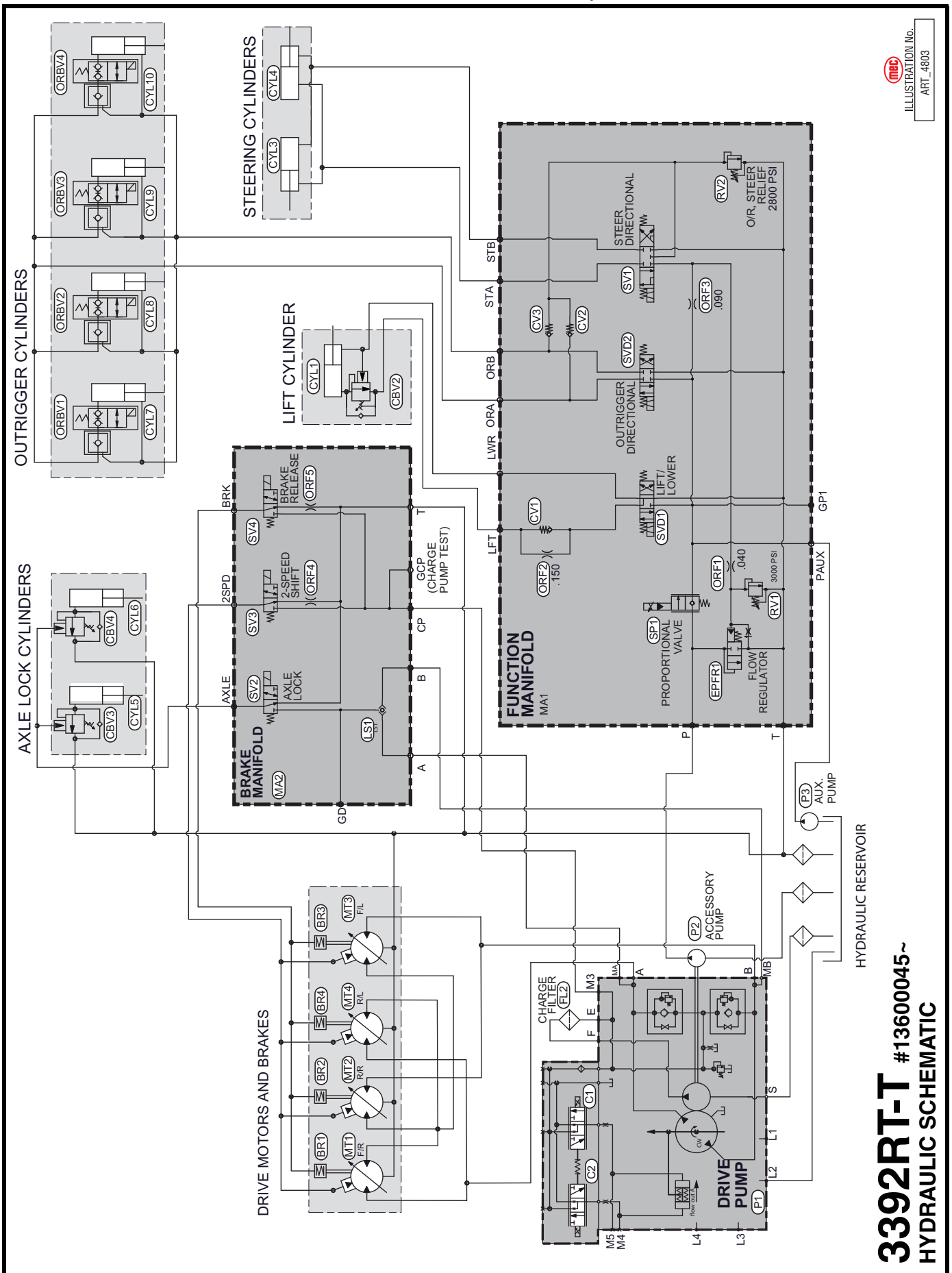


Figure 5-4: Hydraulic Schematic, 6092RT

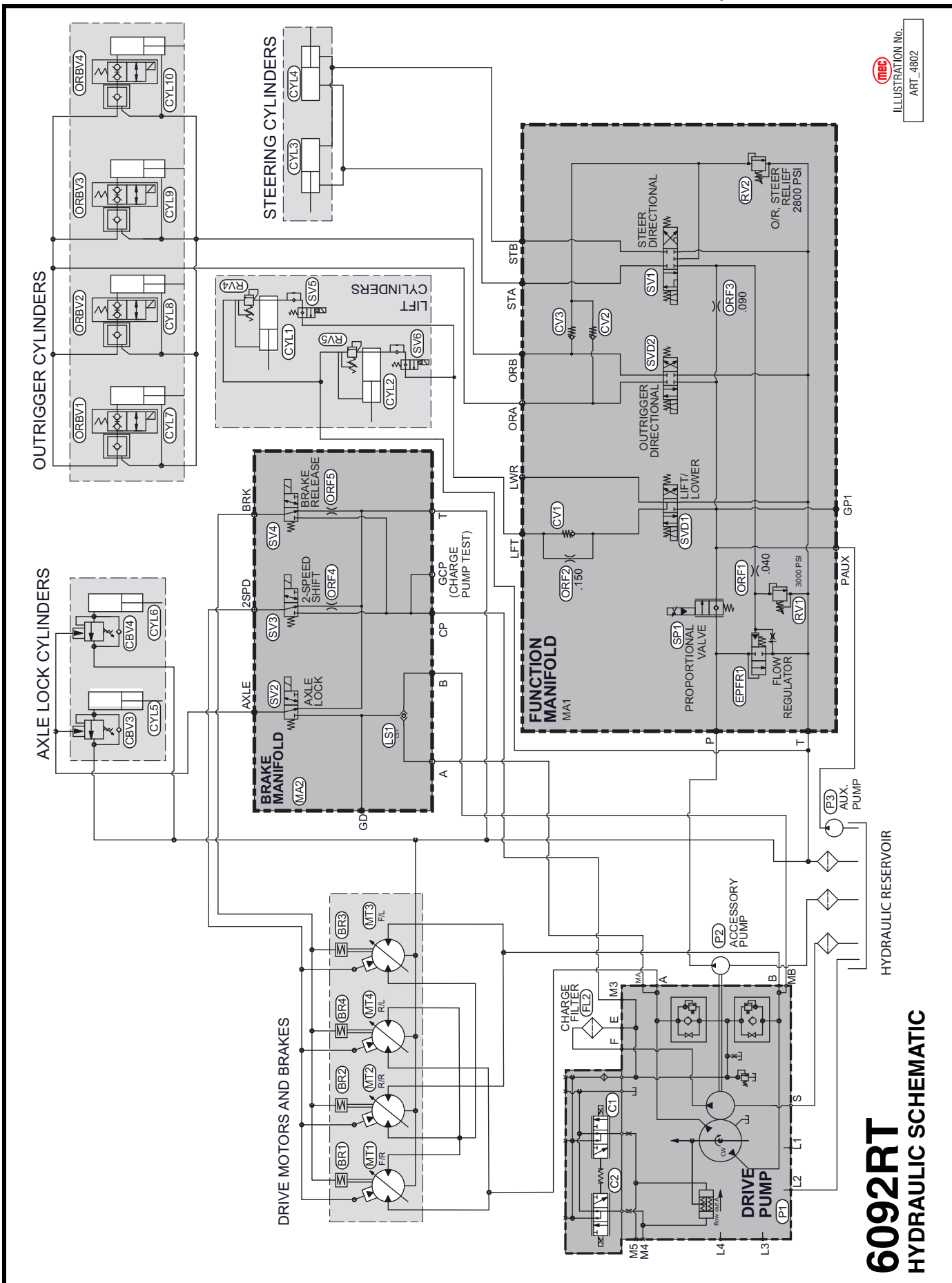
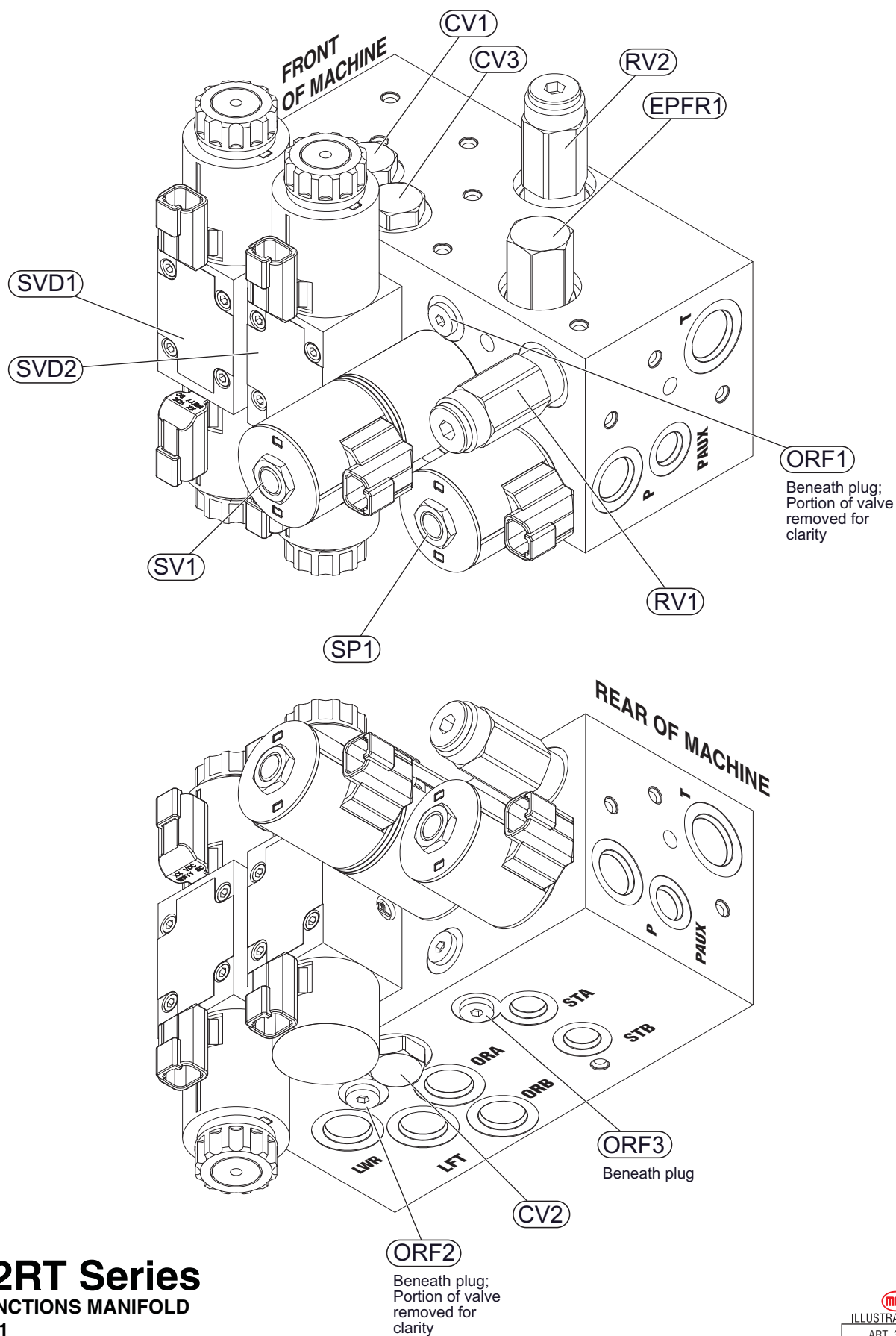
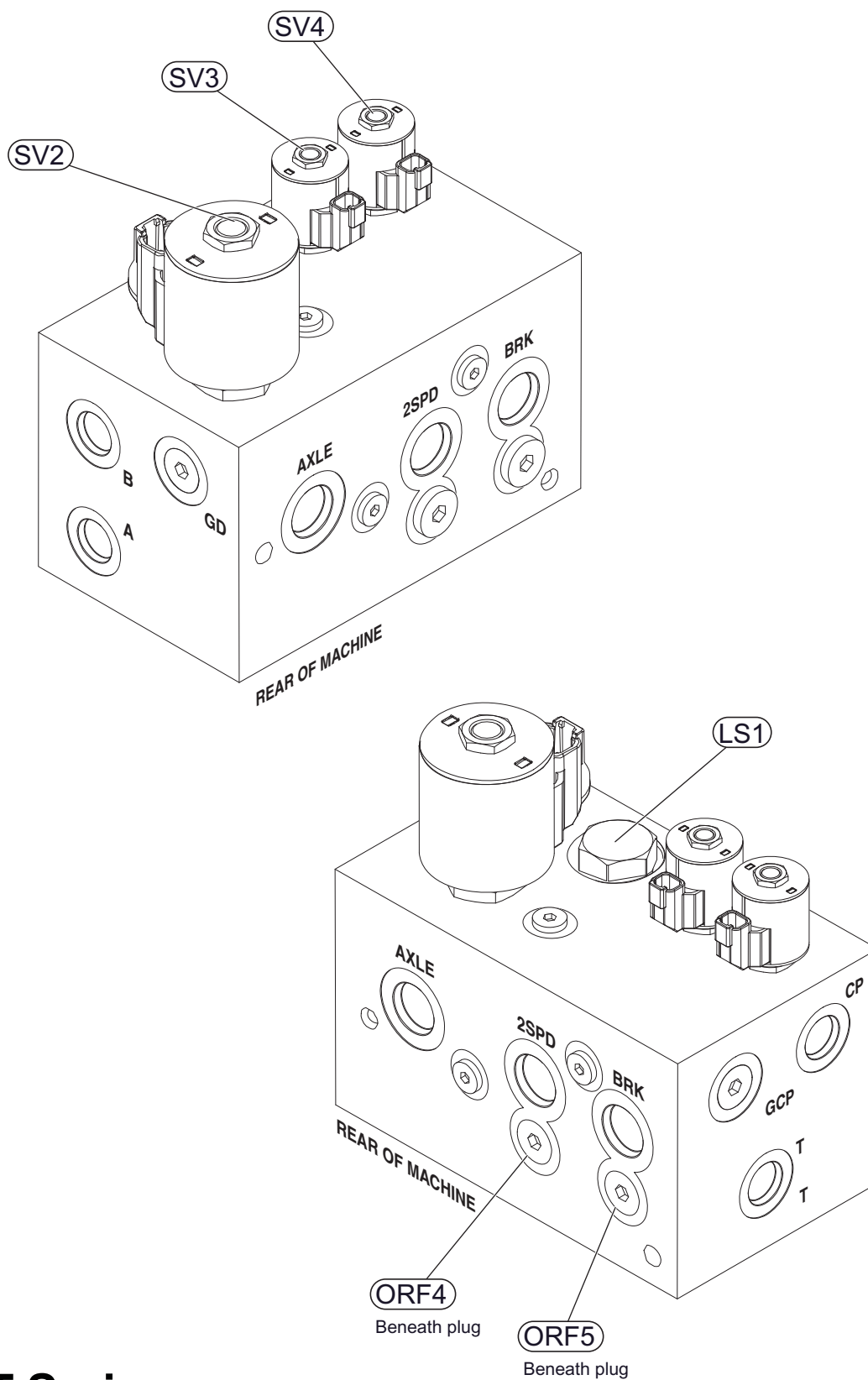


Figure 5-5: Function Manifold, MA1

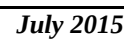


92RT Series

BRAKE MANIFOLD

MA2

mec
ILLUSTRATION No.
ART_3540



ELECTRICAL SCHEMATICS

Figure 5-8: Electric Schematic, 5492RT, 1 of 3

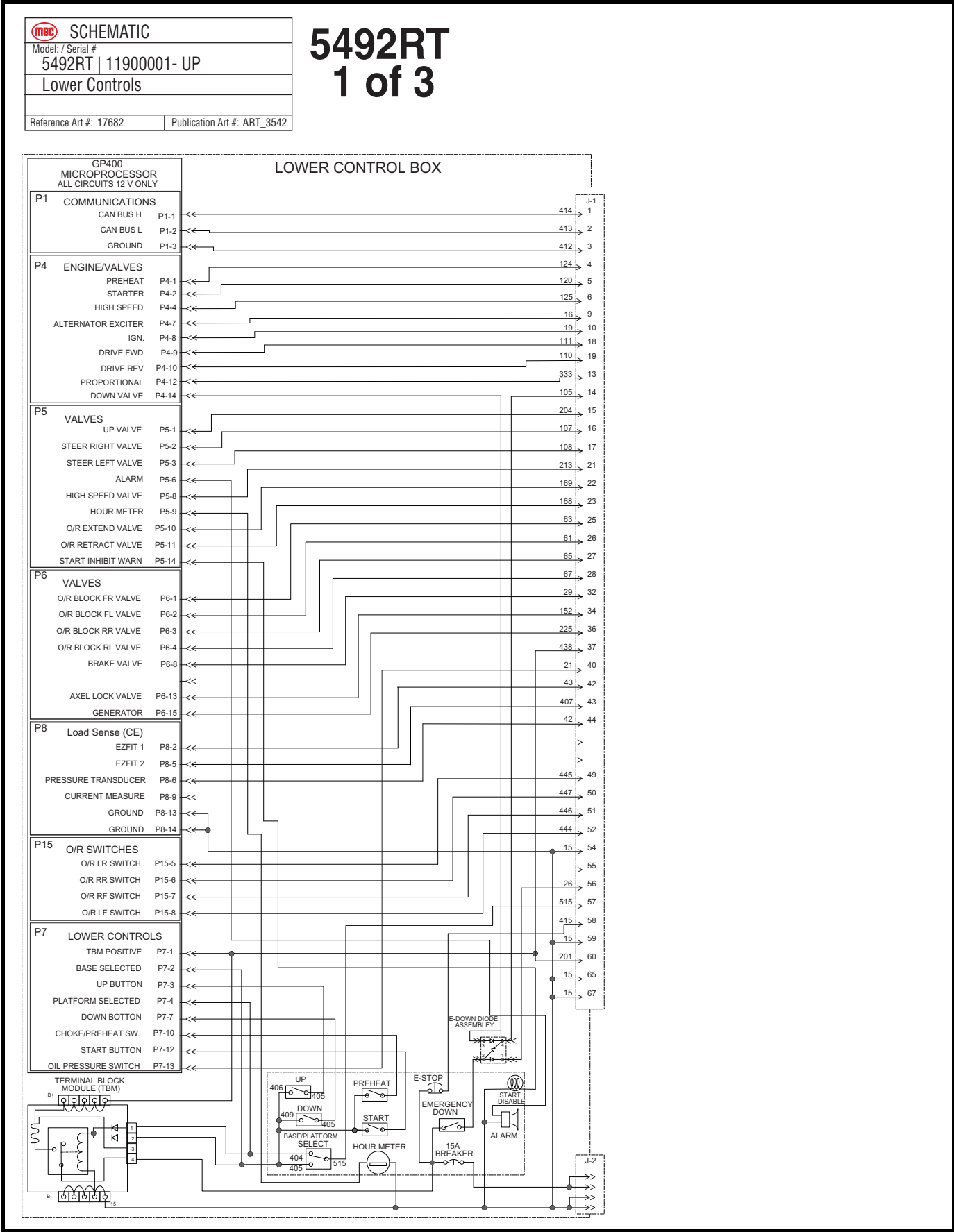
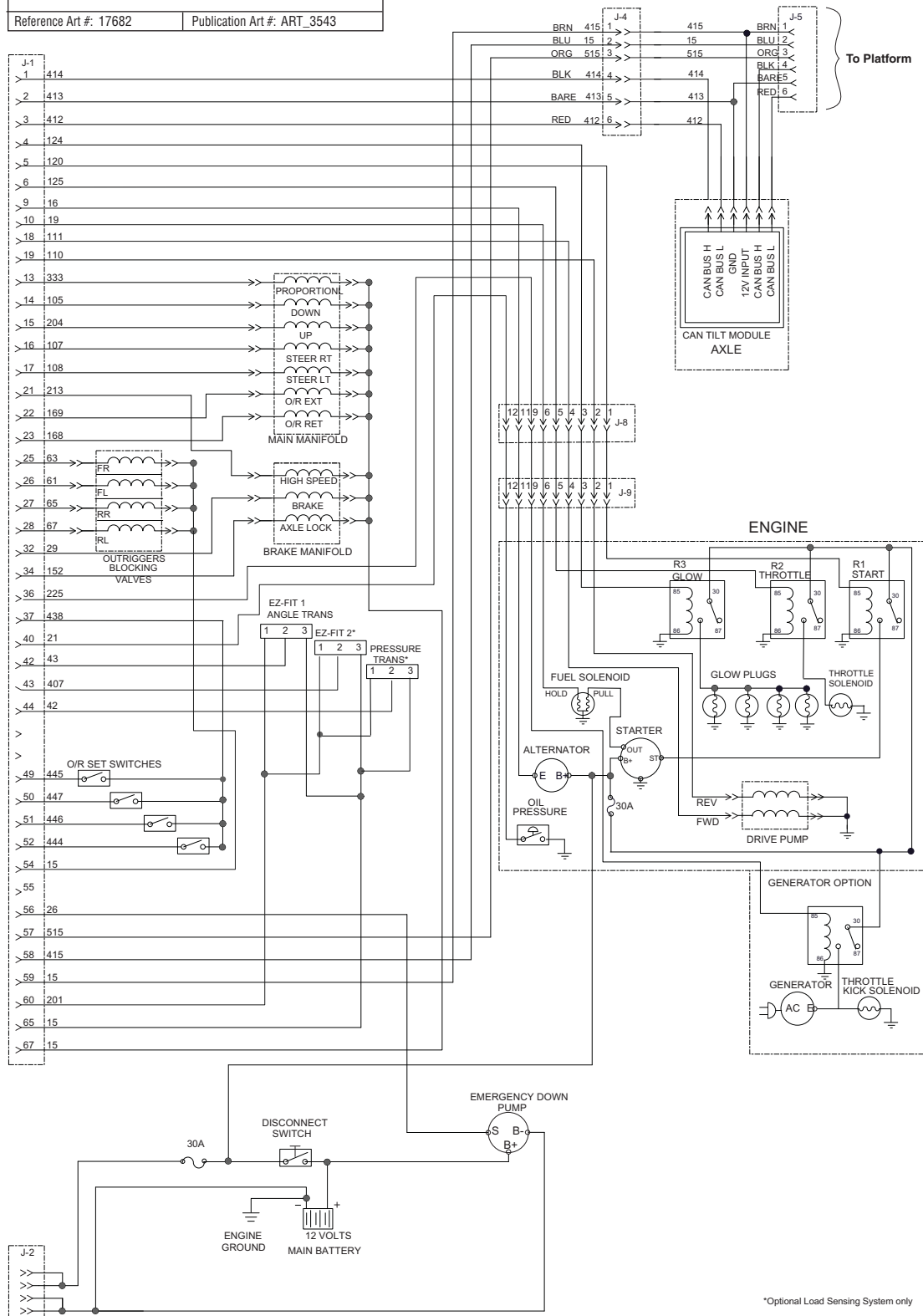


Figure 5-9: Electric Schematic, 5492RT, 2 of 3

MEC SCHEMATIC
Model / Serial #
5492RT 11900001- UP
Chassis
Reference Art #: 17682
Publication Art #: ART_3543

5492RT

2 of 3



*Optional Load Sensing System only

SCHEMATIC

Model: / Serial #

5492RT | 11900001- UP

Upper Controls

Reference Art #: 17682

Publication Art #: ART_3544

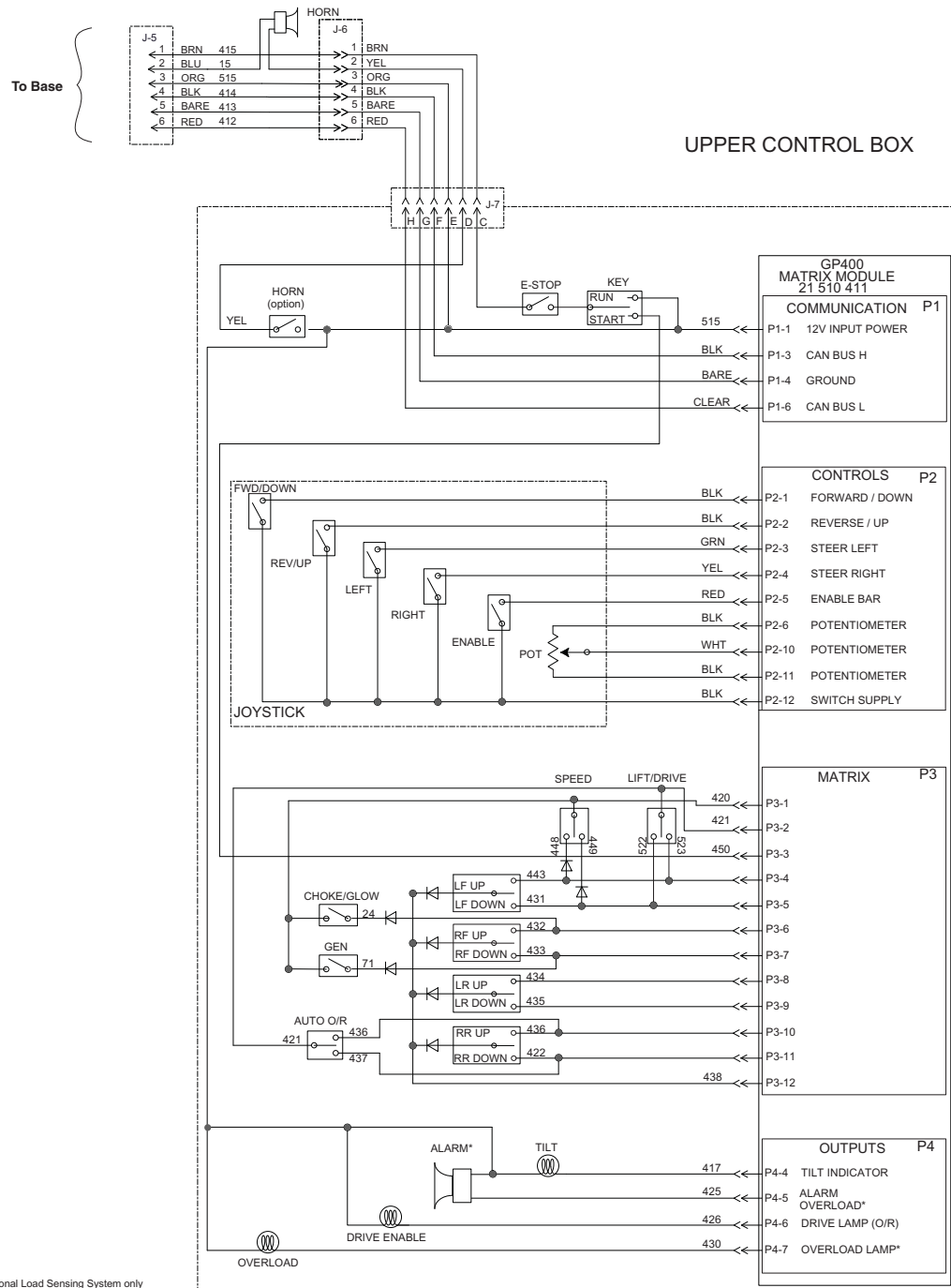
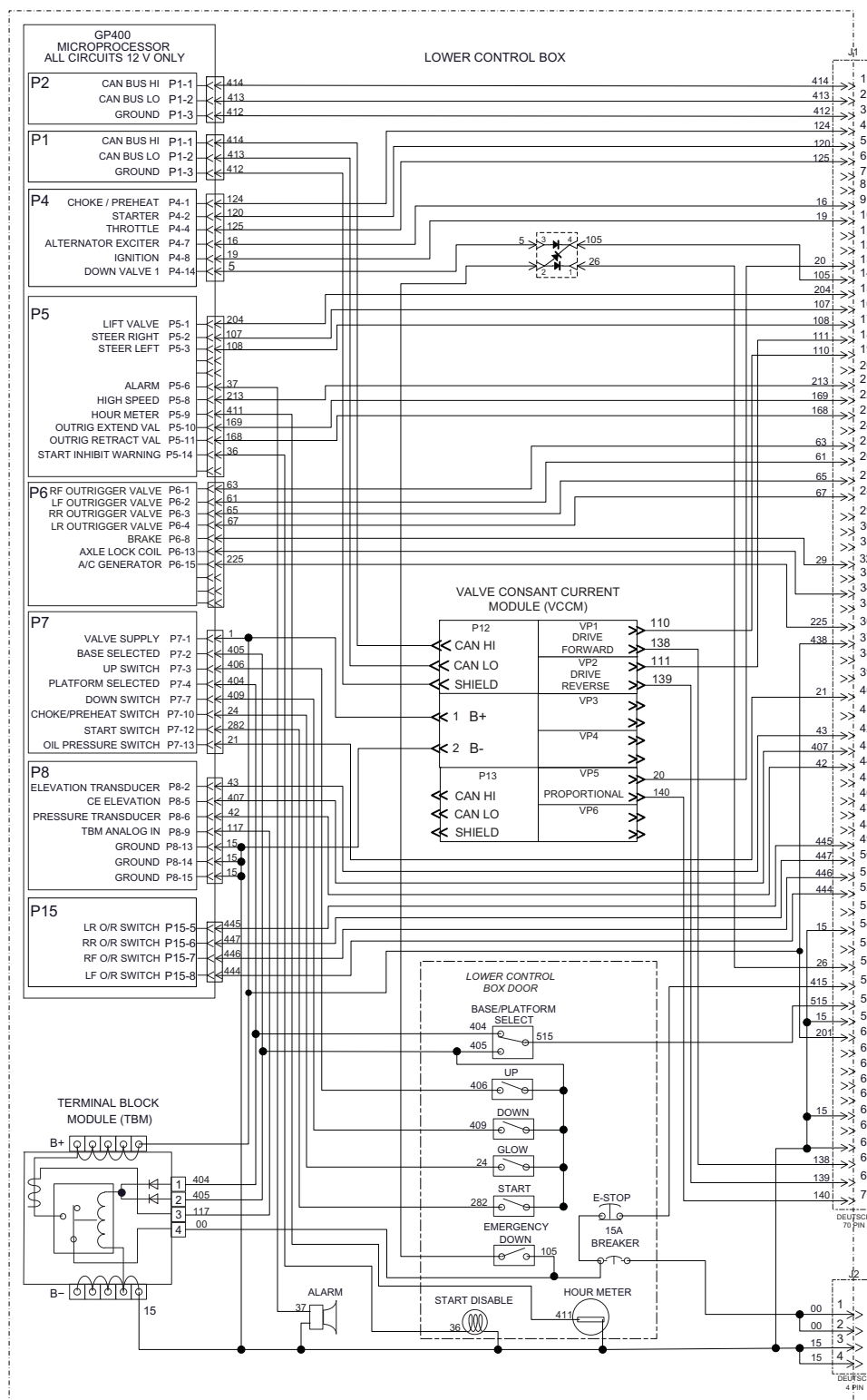
**5492RT
3 of 3**

Figure 5-11: Electric Schematic, 3392RT-T, 1 of 3

SCHEMATIC	
Model / Serial #	
3392RT-T 13600001- UP	
Lower Controls	
Reference Art #: 17578	
Publication Art #: ART_4804	

3392RT-T

1 of 3



SCHEMATIC	
Model: / Serial #	
3392RT-T 13600001- UP	
Chassis	
Reference Art #: 17578	
Publication Art #: ART_4805	

3392RT-T

2 of 3

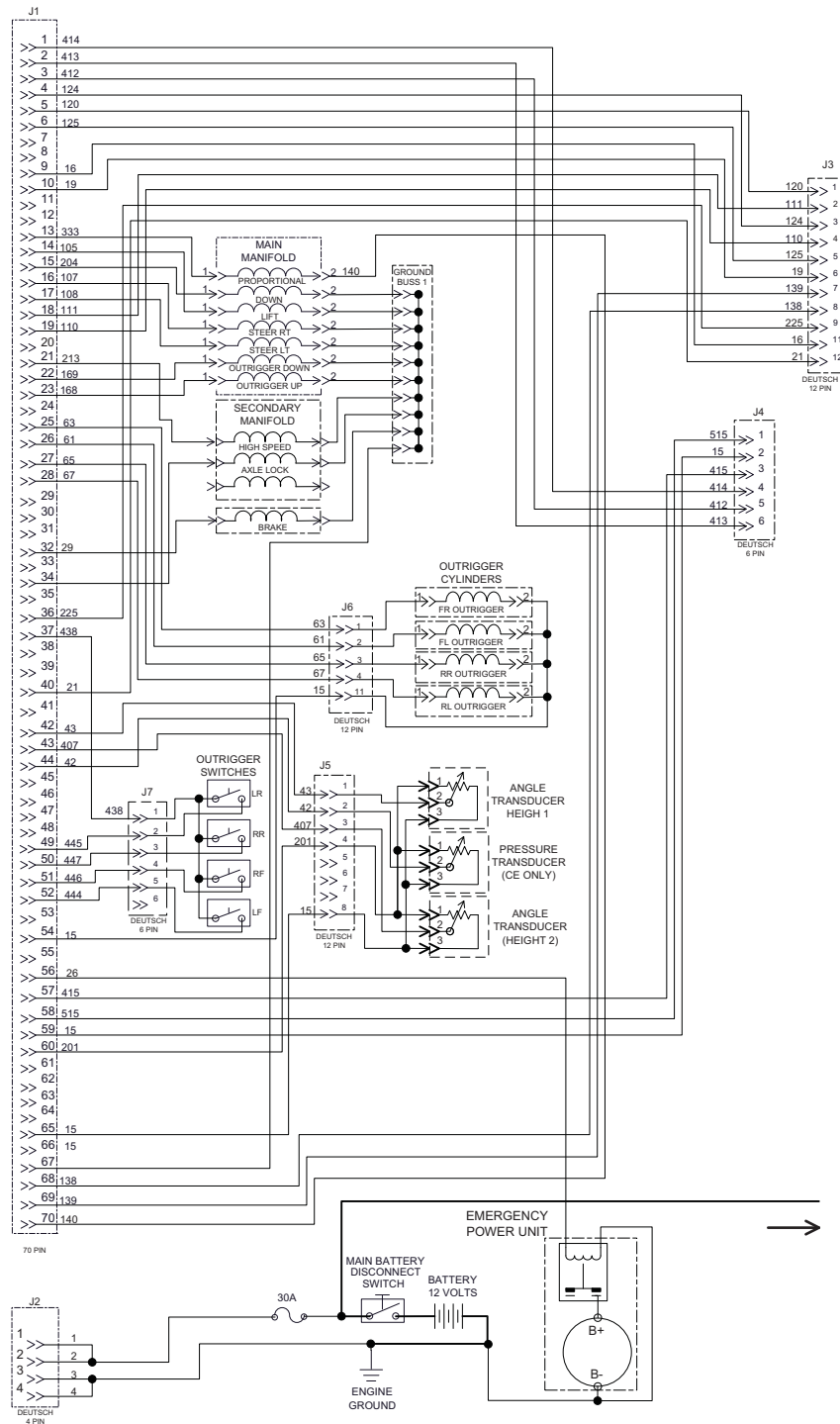


Figure 5-13: Electric Schematic, 3392RT-T, 3 of 3

MEC SCHEMATIC
Model: / Serial #
3392RT-T 13600001- UP
Upper Controls
Reference Art #: 17578
Publication Art #: ART_4806

3392RT-T

3 of 3

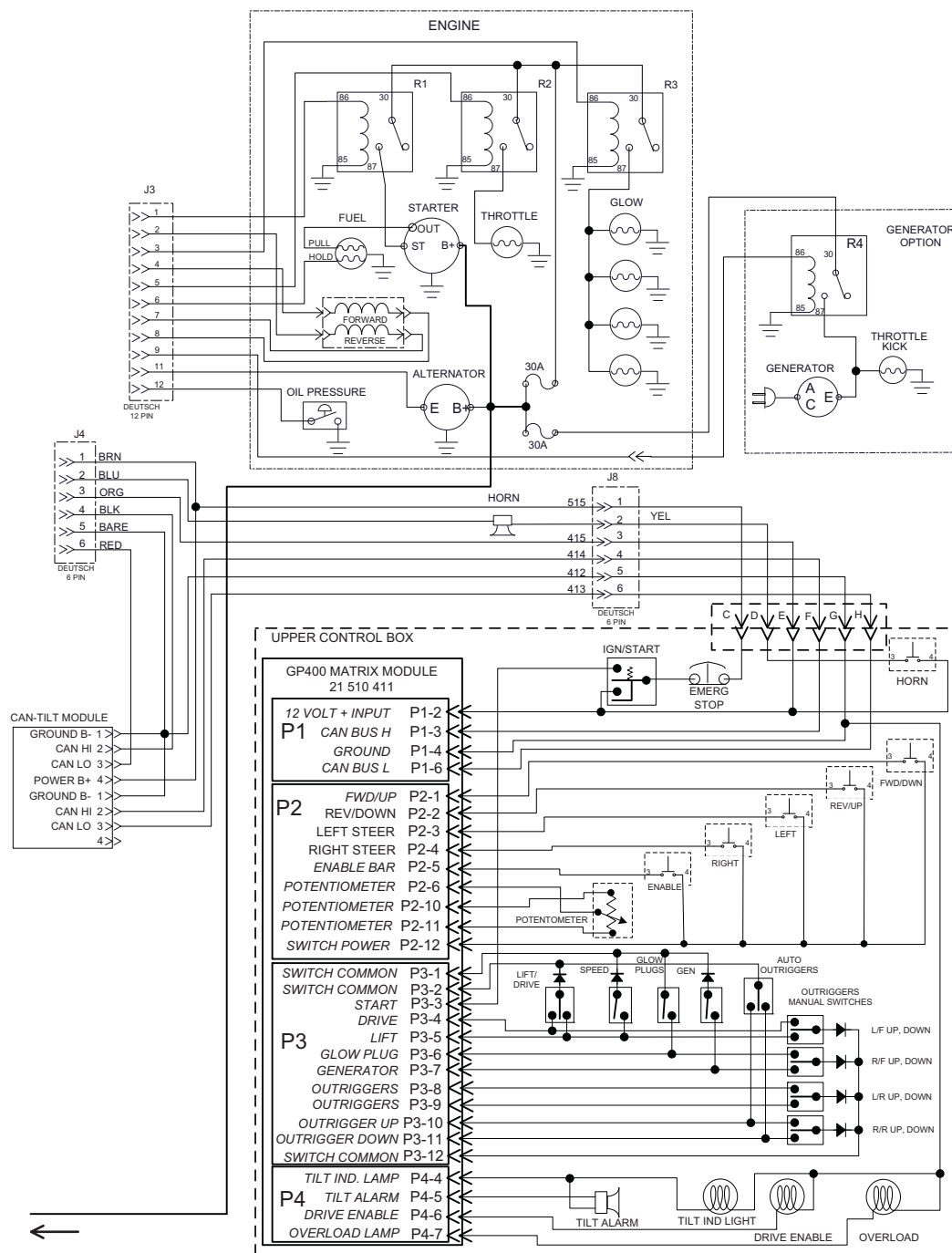
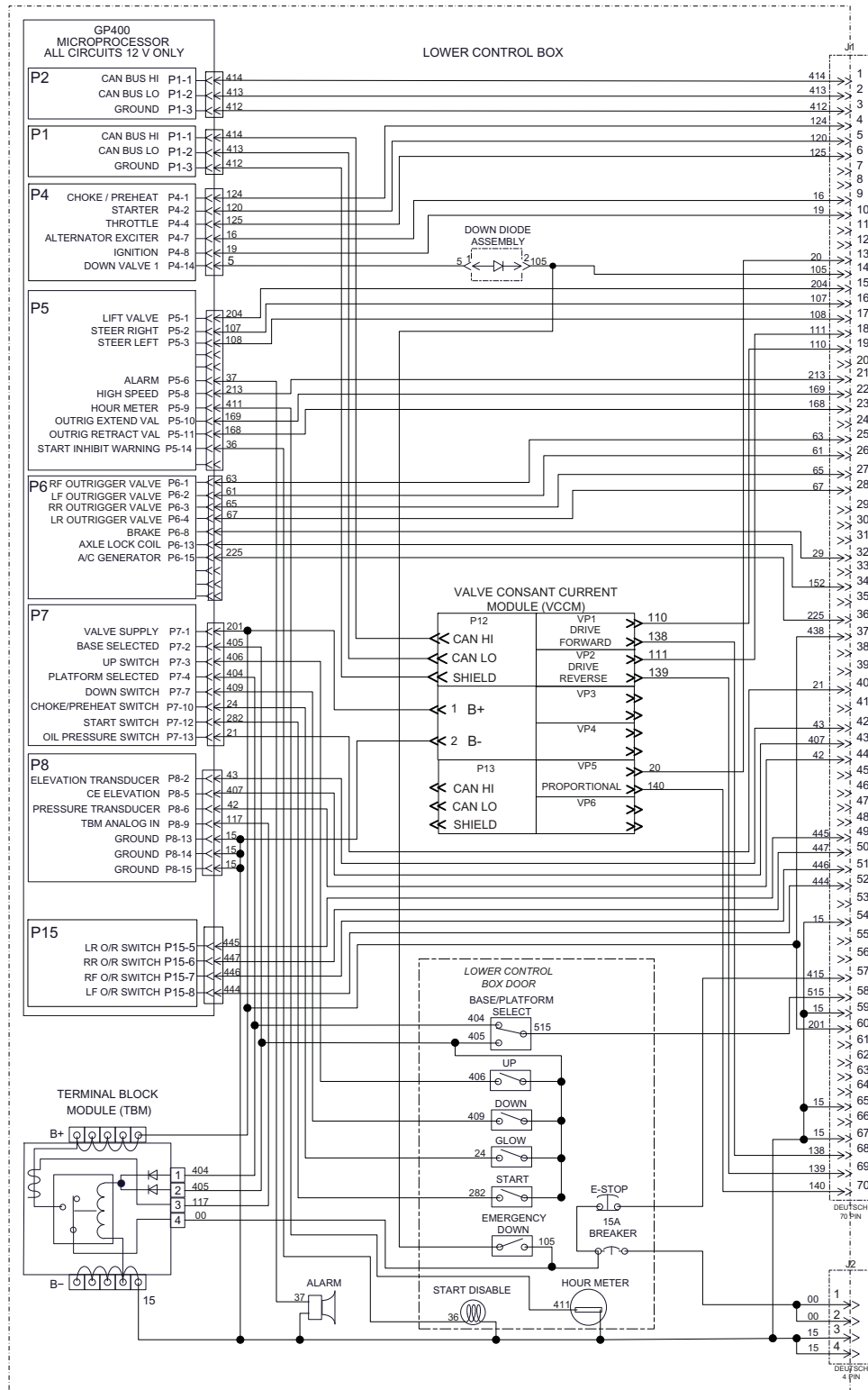


Figure 5-14: Electric Schematic, 6092RT, 1 of 3

MEC SCHEMATIC
Model / Serial #
6092RT-T 12900001-UP
Lower Controls
Reference Art #: 17577
Publication Art #: ART_4807

6092RT

1 of 3



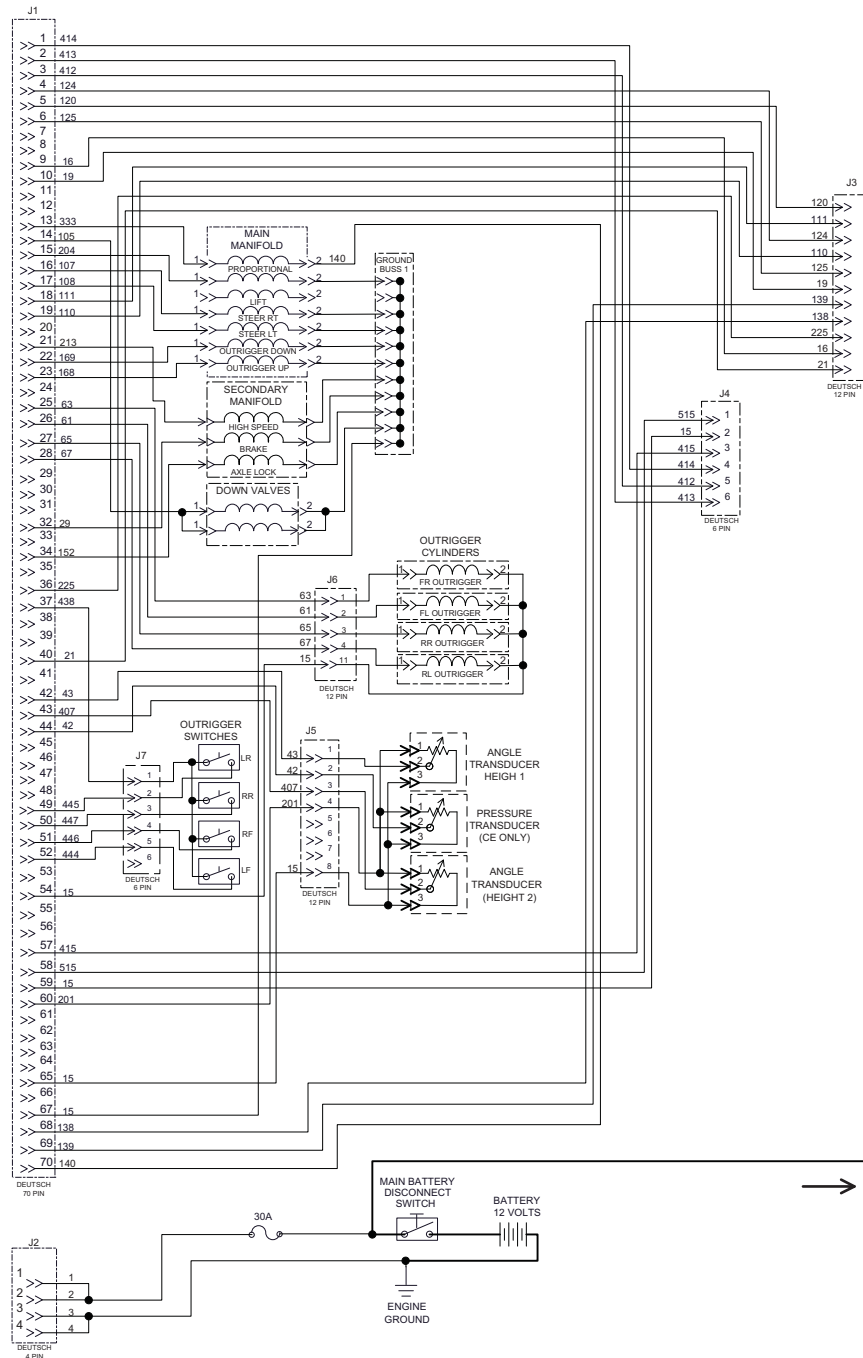




Figure 5-17: Upper Controls Components

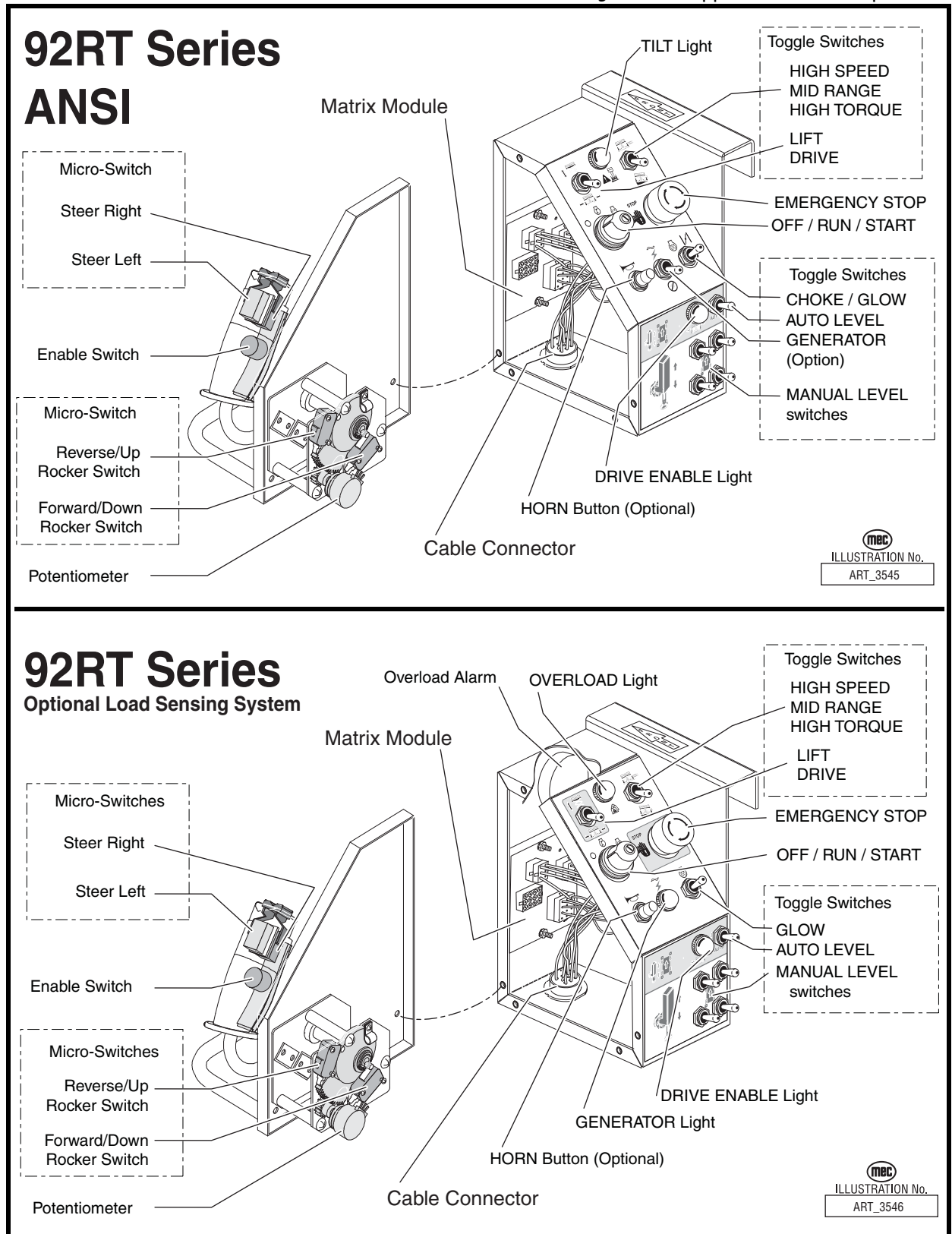


Figure 5-18: Lower Controls Components

