

S5 S60/65 Deutz/Perkins 2WD & 4WD

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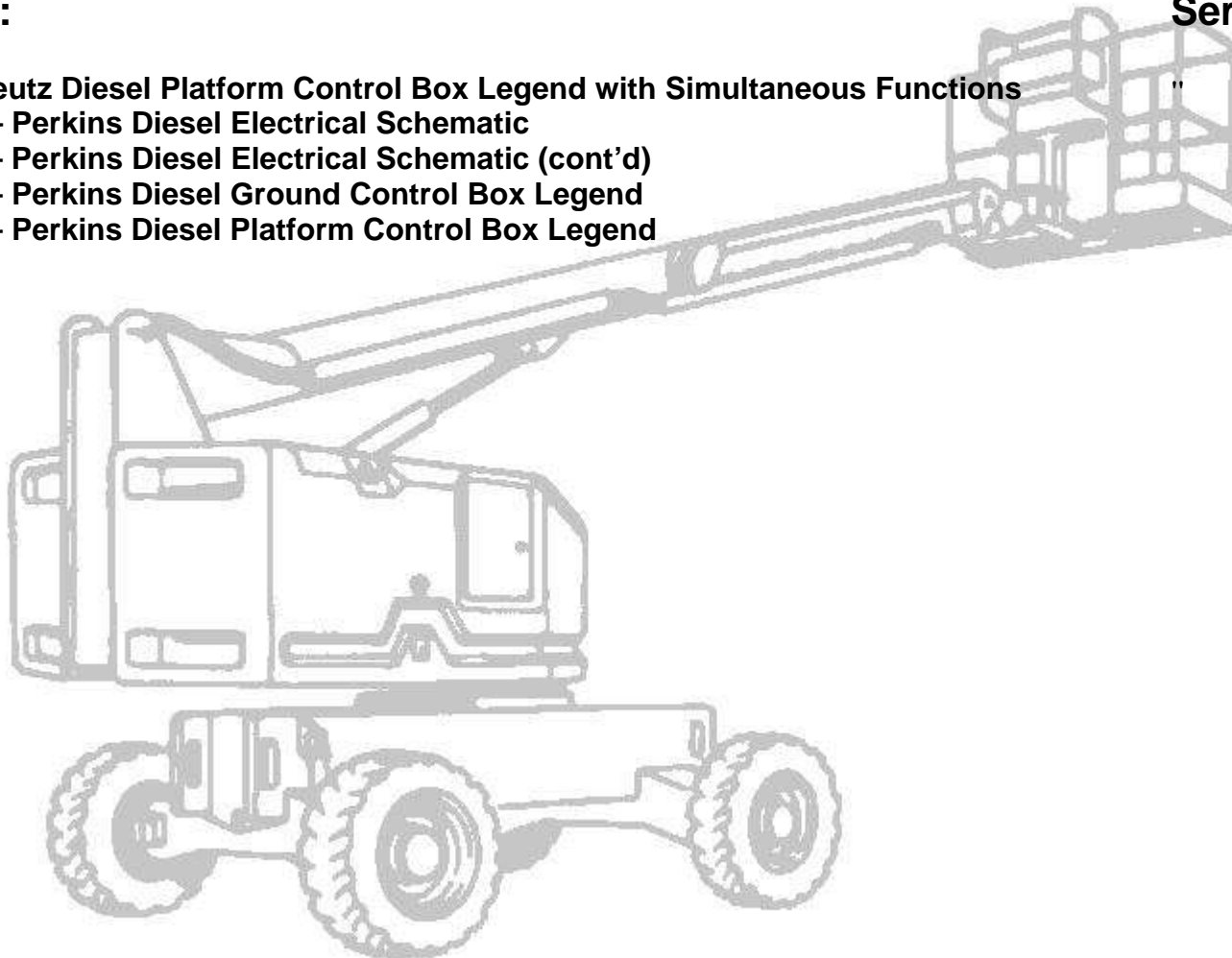
S5 S60/65 Deutz/Perkins 2WD & 4WD (cont'd)

Page:

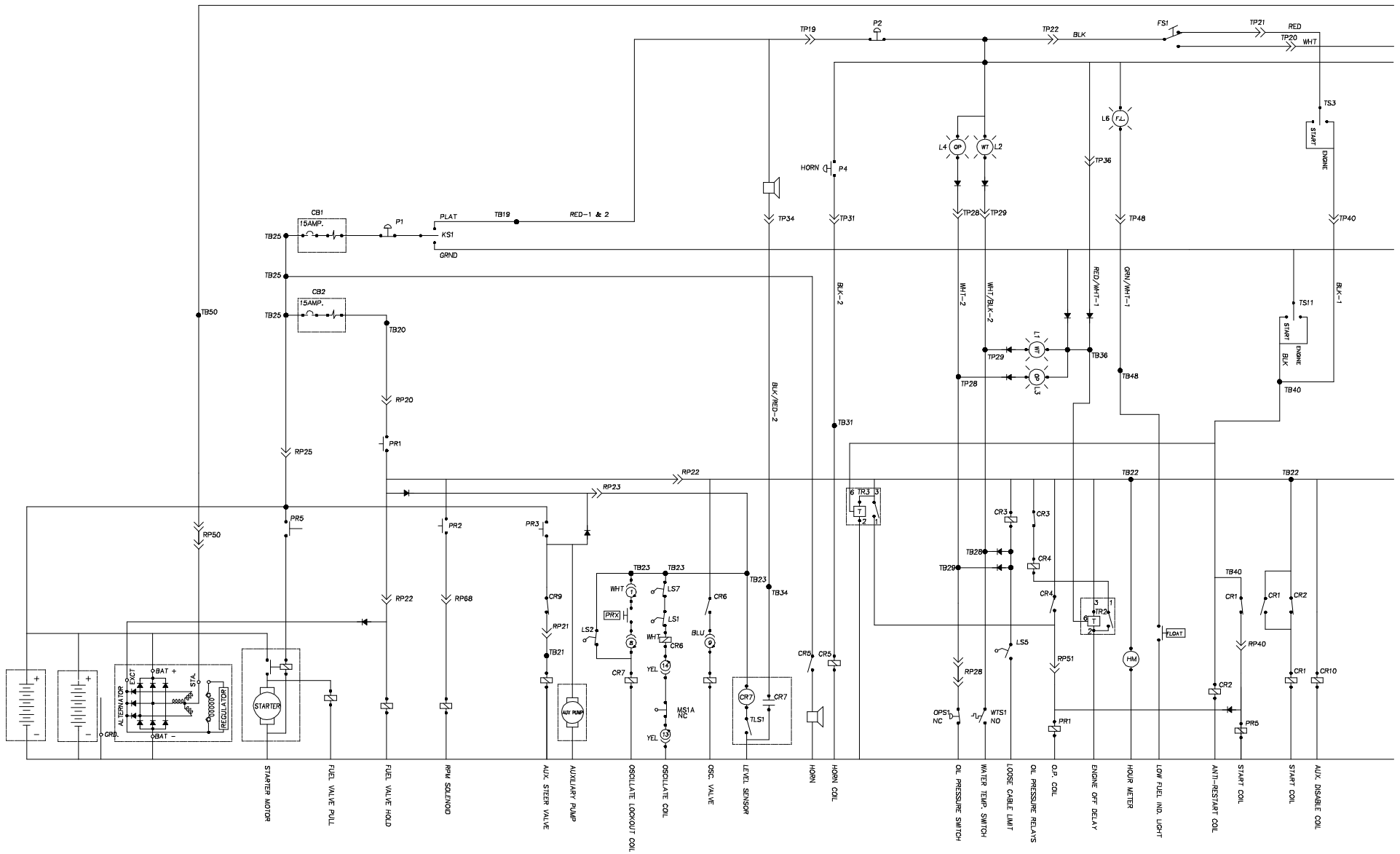
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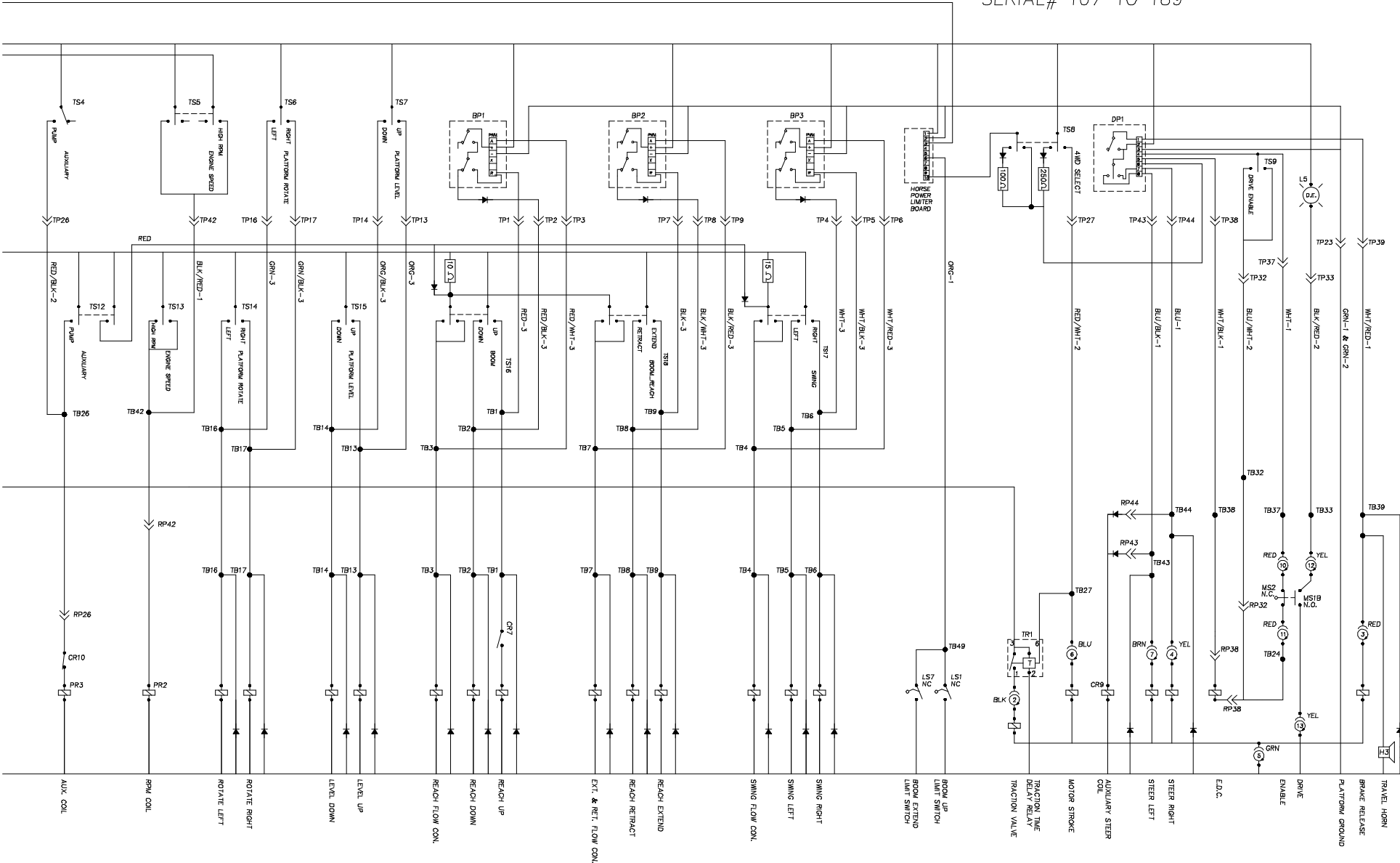
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| S5-21 | S65 – Deutz Diesel Platform Control Box Legend with Simultaneous Functions | " | " | " | " |
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S60 2WD & 4WD DEUTZ DIESEL
ELECTRICAL SCHEMATIC
SERIAL# 107 TO 189



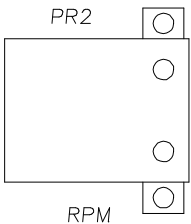
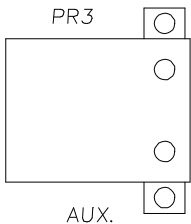
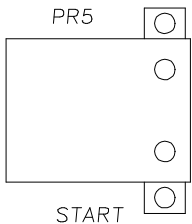
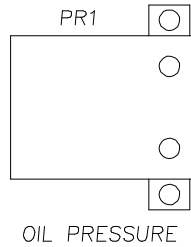
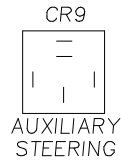
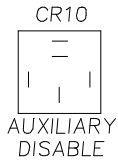
S60 2WD & 4WD DEUTZ DIESEL
ELECTRICAL SCHEMATIC (cont'd)
SERIAL# 107 TO 189



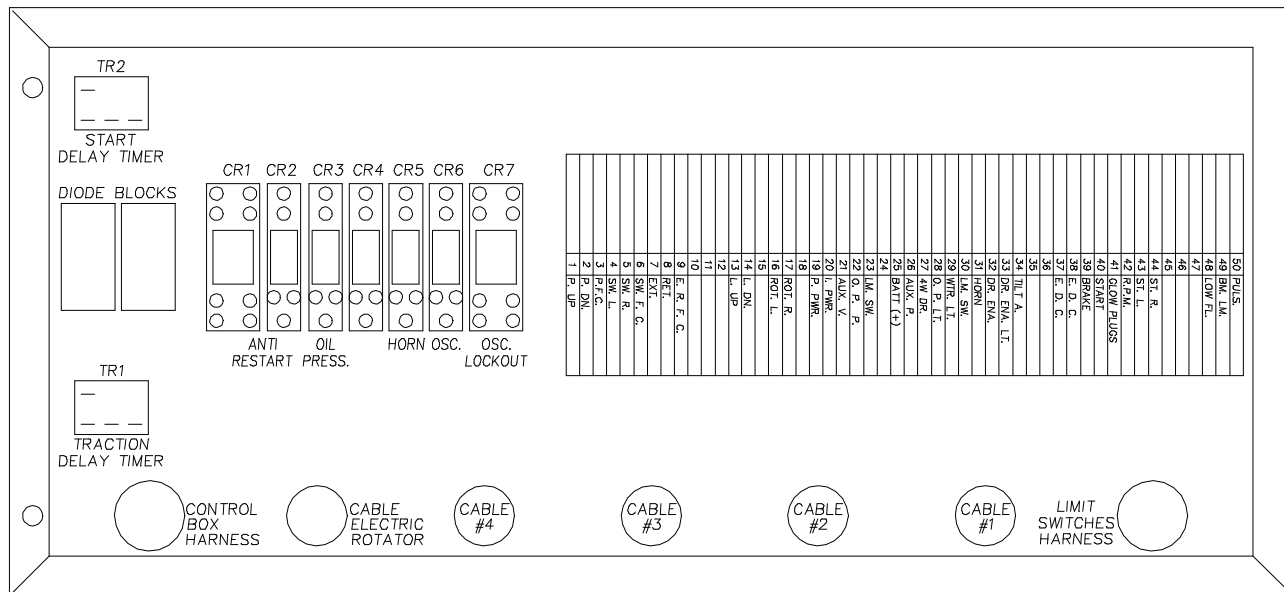
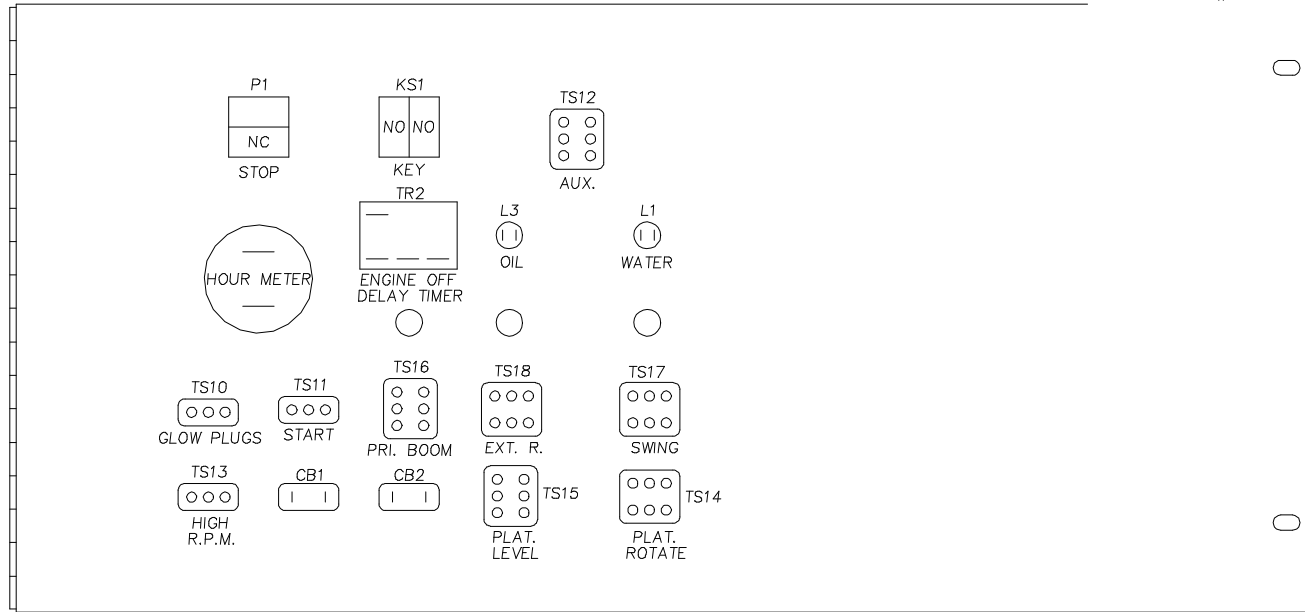
S60 2WD & 4WD DEUTZ DIESEL
 RELAY PANEL LEGEND
 SERIAL# 107 TO 189

| | |
|-----------------------|----|
| OIL PRESS. FUSED PWR. | 20 |
| AUX. STEERING RLY. | 21 |
| HOUR METER | 22 |
| PWR TO LM. SW. | 23 |
| BATT (+) | 25 |
| AUX PUMP | 26 |
| OIL PRESS. LT. | 28 |
| DRIVE ENABLE SW. | 32 |
| | |
| EDC | 37 |
| EDC | 38 |
| START | 40 |
| | |
| R.P.M. | 42 |
| STEER LEFT | 43 |
| STEER RIGHT | 44 |
| | 45 |
| | 46 |
| PULSE | 50 |
| O.P. PWR. INPUT | 51 |
| VOLT METER | 71 |
| | |
| | |

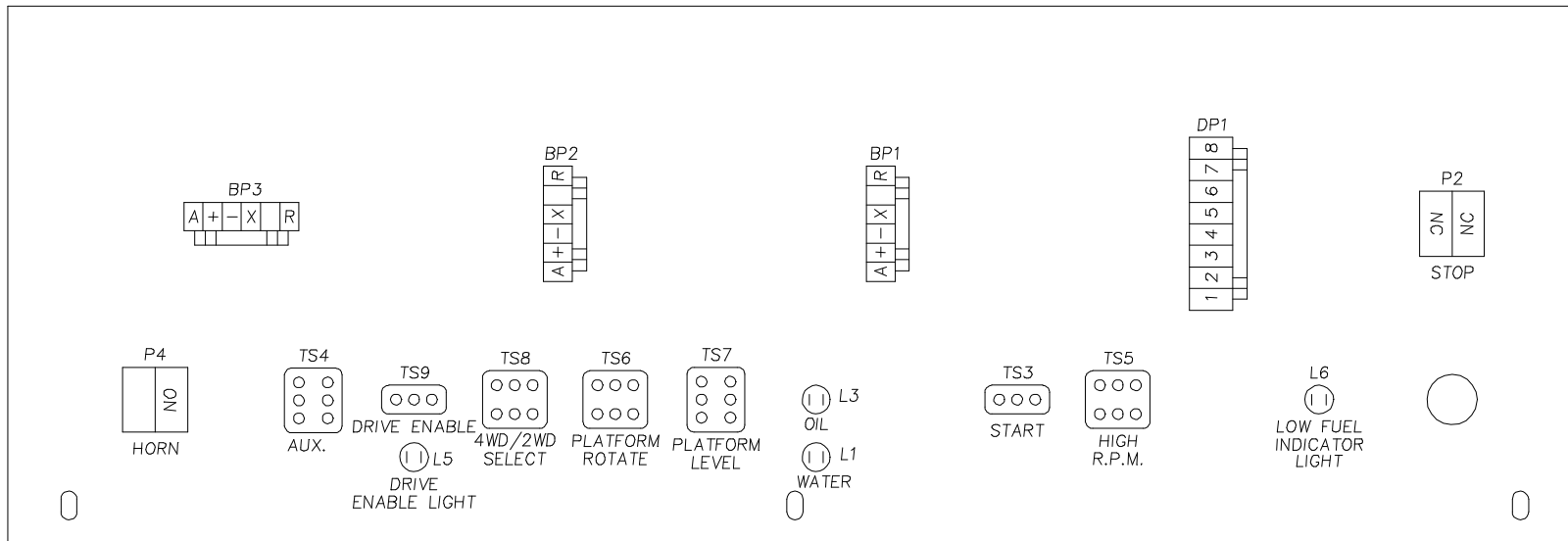
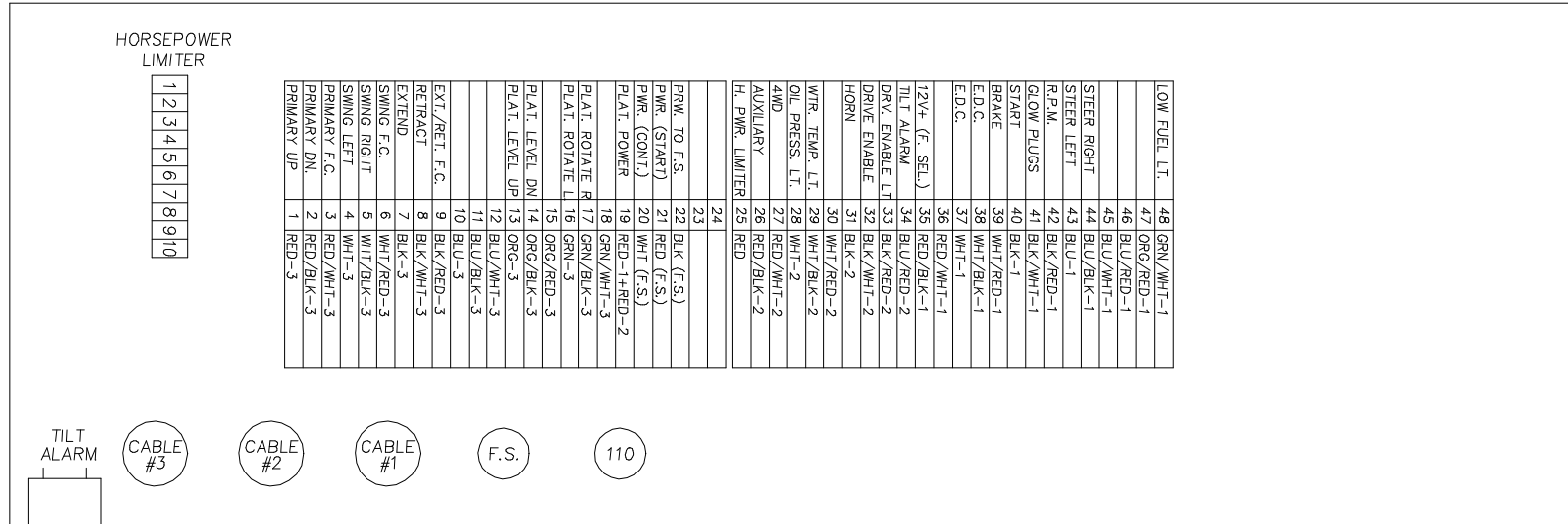
| | |
|-----------------|----|
| | 28 |
| | |
| | |
| | 24 |
| | 38 |
| | |
| | |
| | 50 |
| GROUND (-) | 66 |
| | |
| RPM SOLENOID | 68 |
| FUEL VALVE HOLD | 22 |
| | |
| | |



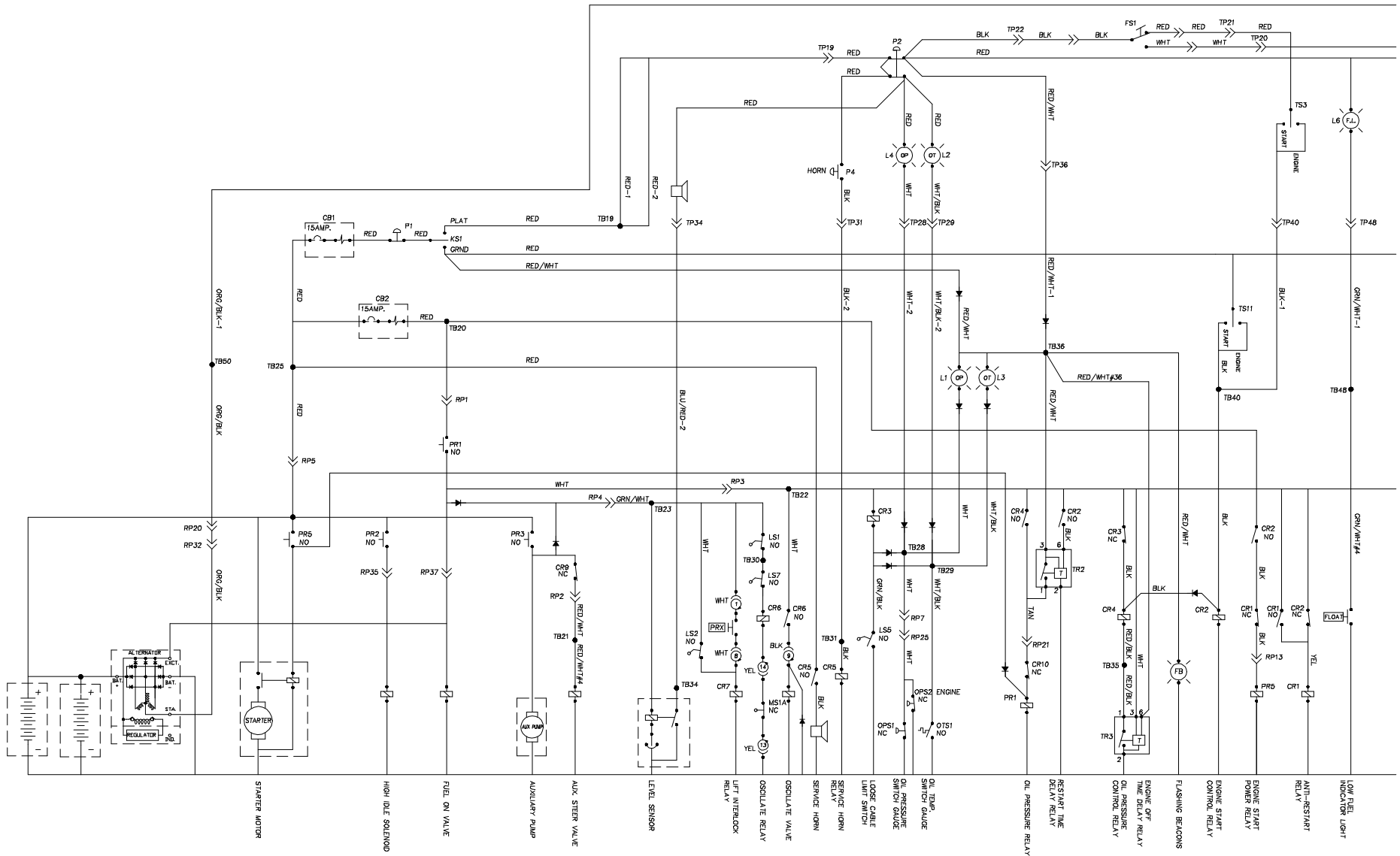
S60 2WD & 4WD DEUTZ DIESEL
GROUND CONTROL BOX LEGEND
SERIAL #107 TO 189



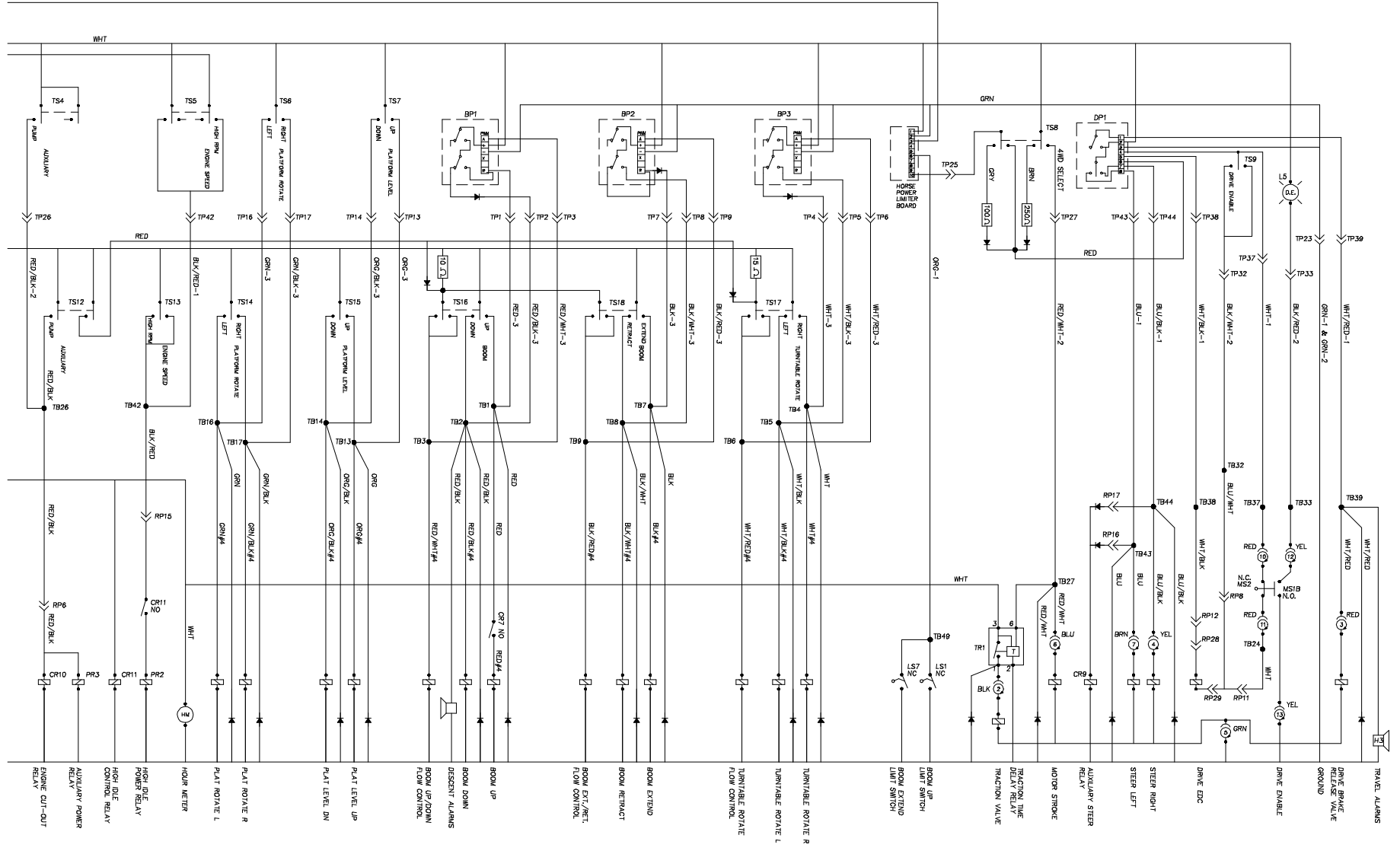
S60 2WD & 4WD DEUTZ DIESEL
 PLATFORM CONTROL BOX LEGEND
 SERIAL# 107 TO 189



S60 2WD & 4WD DEUTZ DIESEL ELECTRICAL SCHEMATIC SERIAL# 200 TO 425

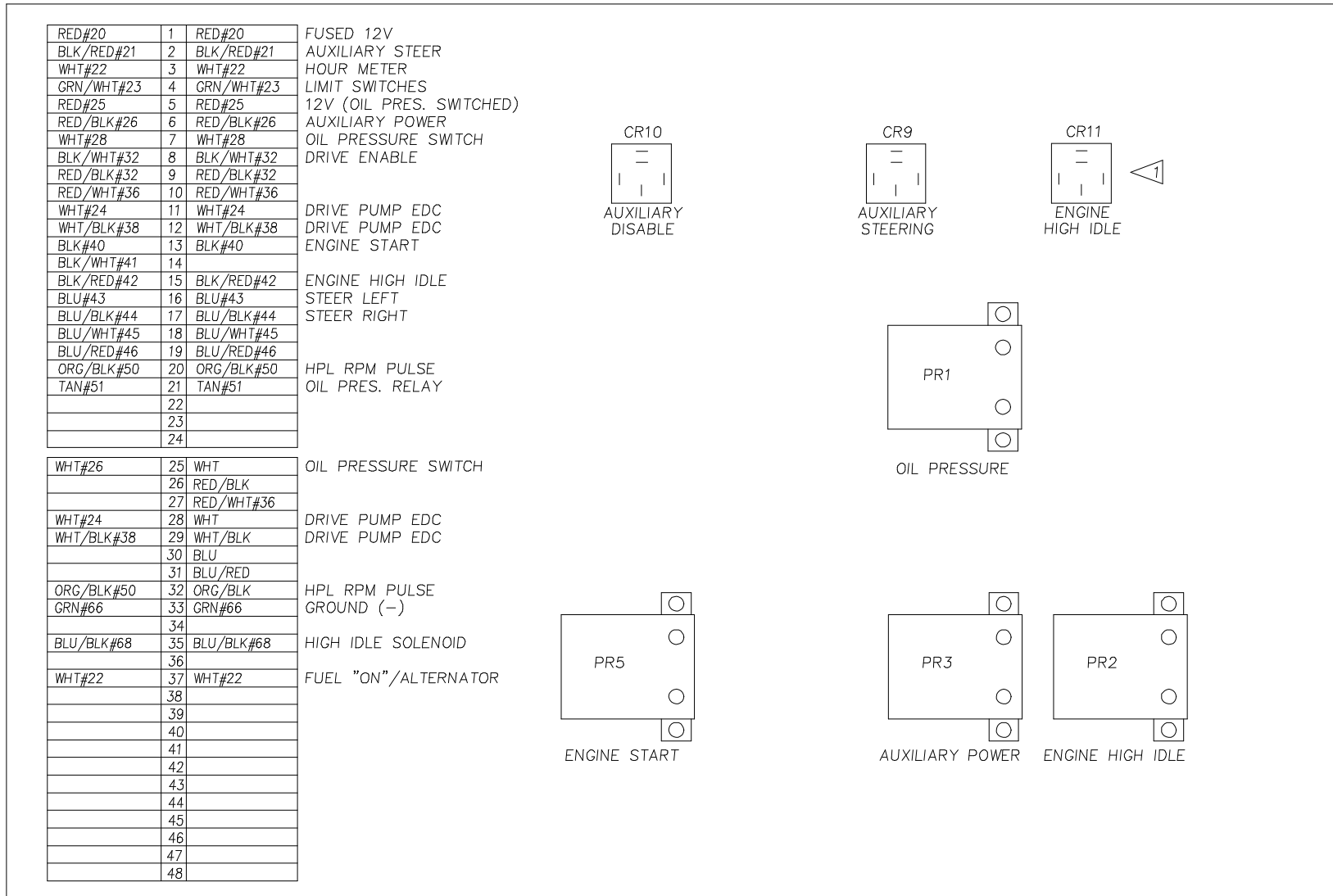


S60 2WD & 4WD DEUTZ DIESEL
 ELECTRICAL SCHEMATIC (cont'd)
 SERIAL# 200 TO 425



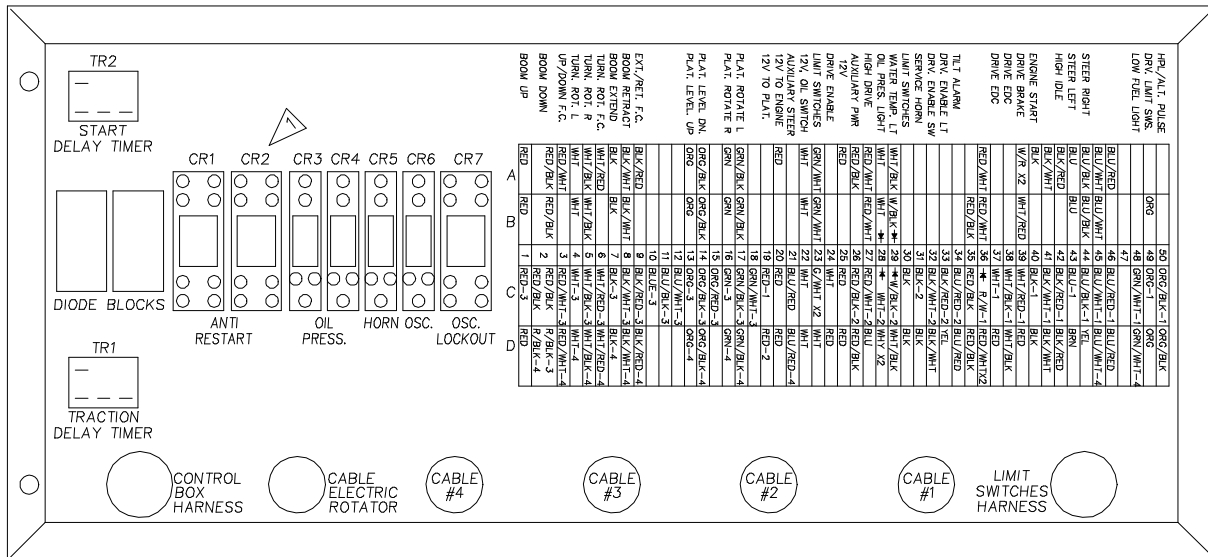
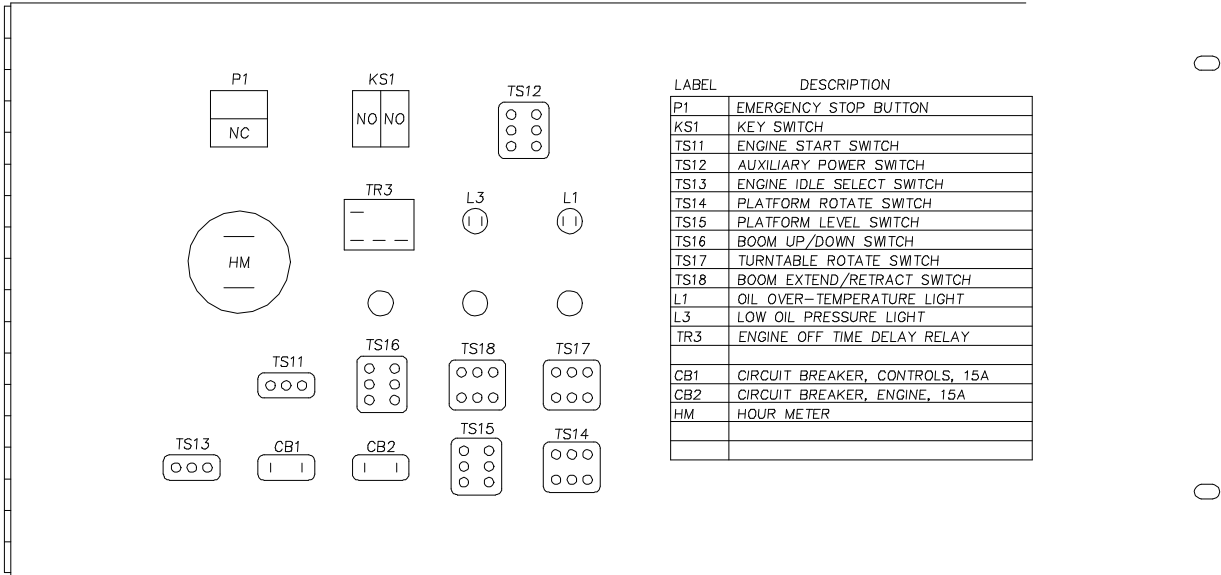
S60 2WD & 4WD DEUTZ DIESEL
 RELAY PANEL LEGEND
 SERIAL# 200 TO 425

NOTE:
 CR11 RELAY WAS ADDED @ SERIAL #200

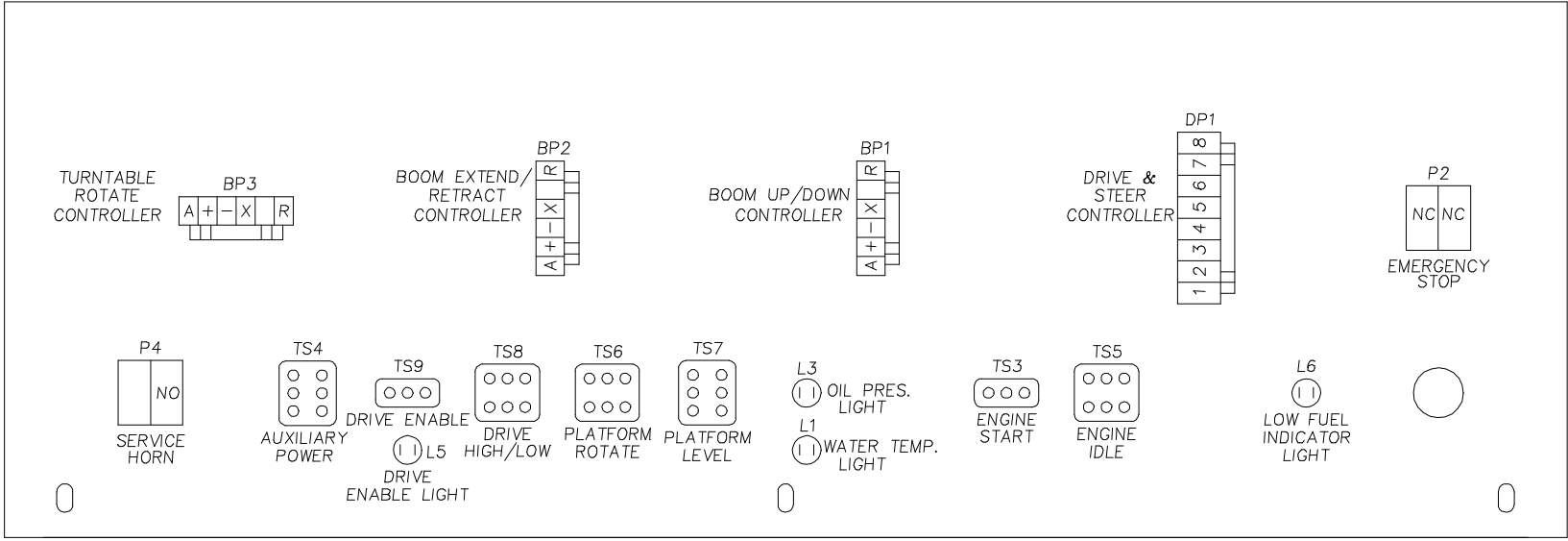
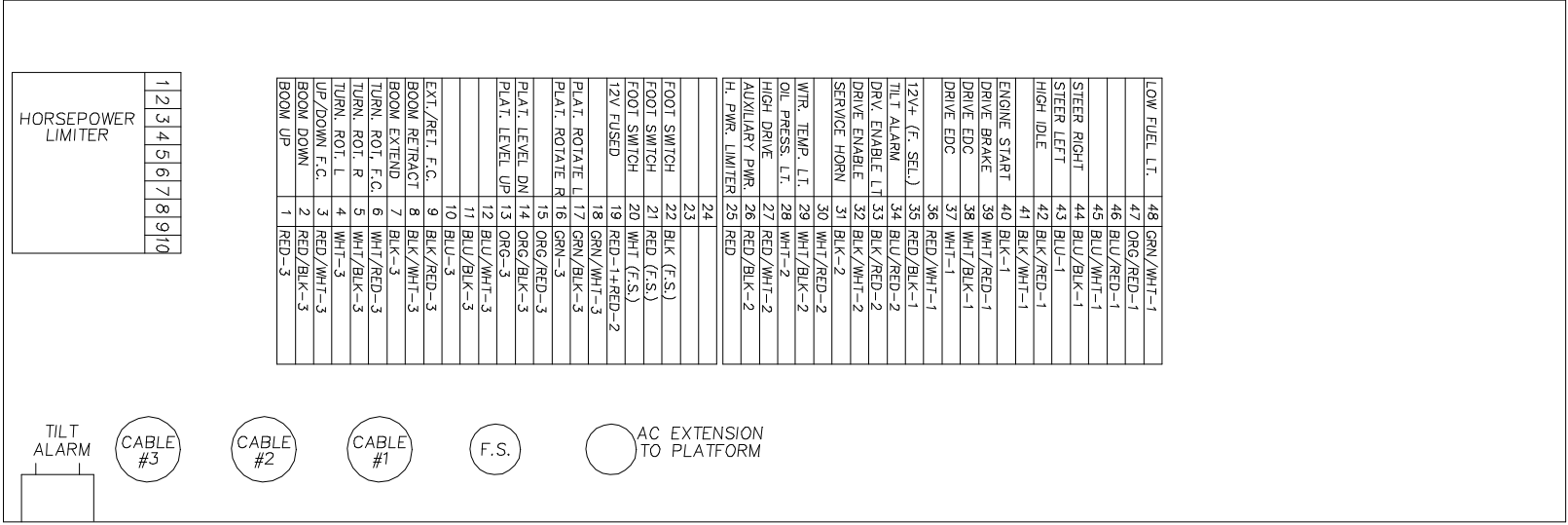


S60 2WD & 4WD DEUTZ DIESEL GROUND CONTROL BOX LEGEND SERIAL# 200 TO 425

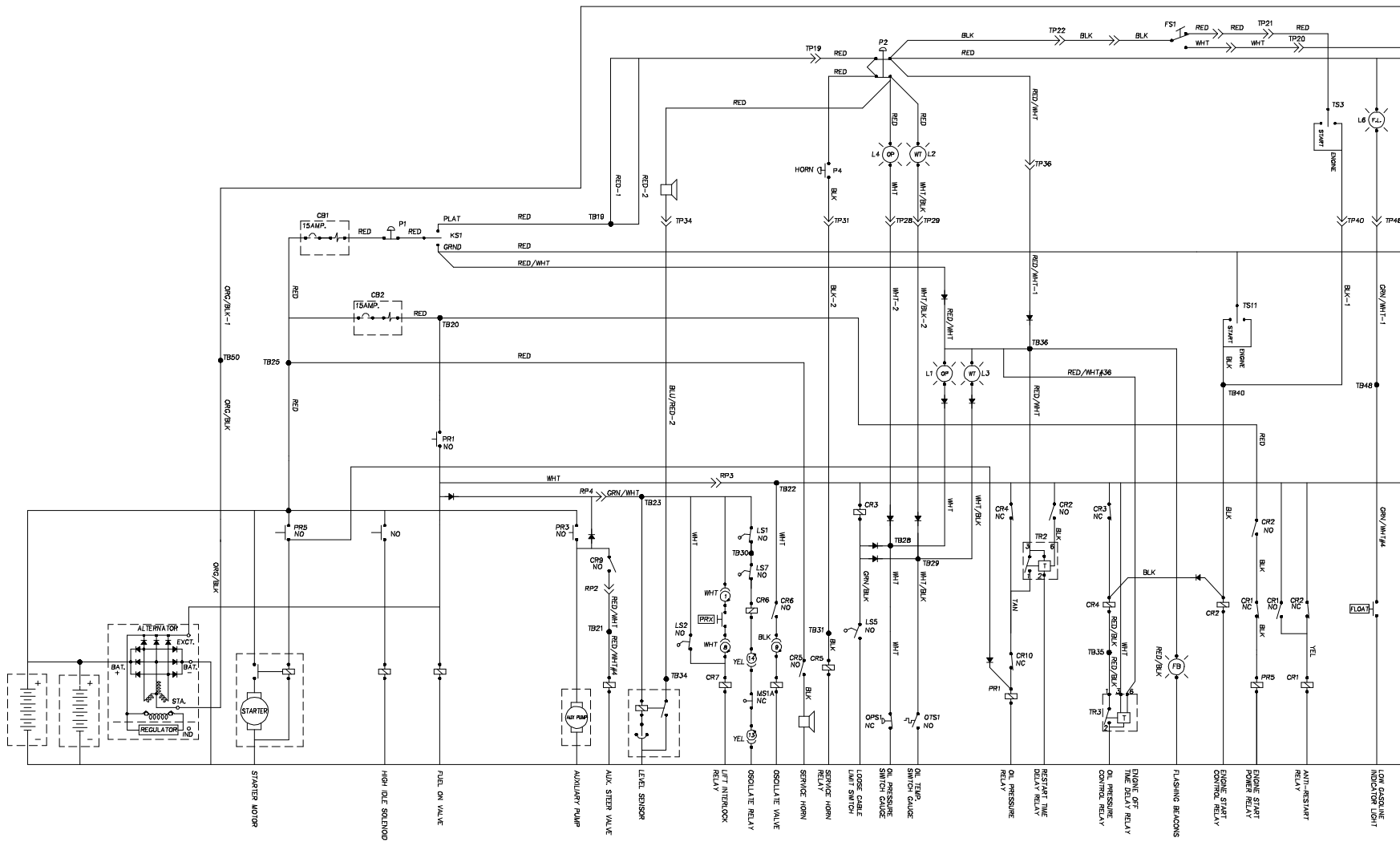
NOTE:
CR2 RELAY BECAME A DPDT @ SERIAL #200.



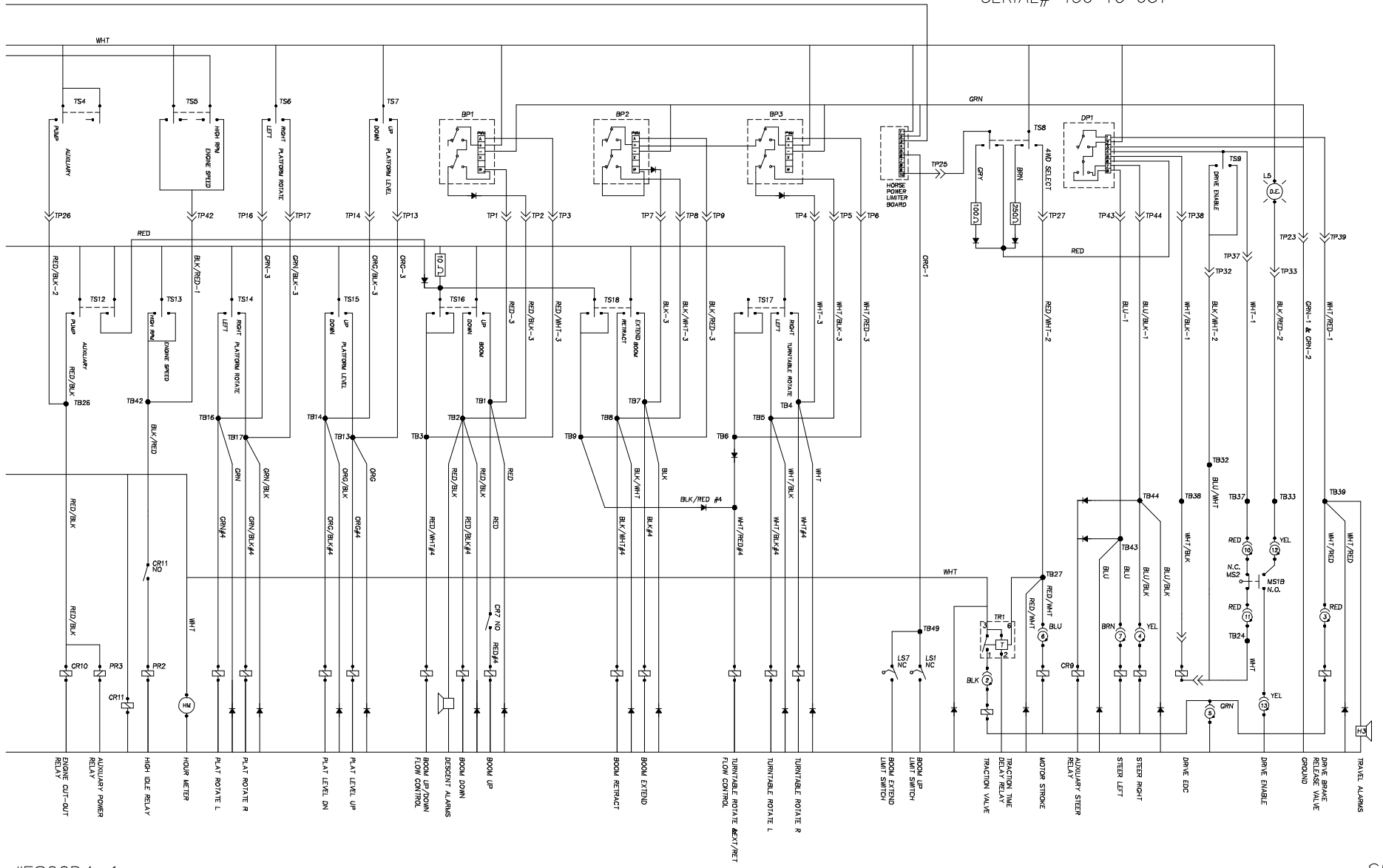
S60 2WD & 4WD DEUTZ DIESEL
 PLATFORM CONTROL BOX LEGEND
 SERIAL# 200 TO 425



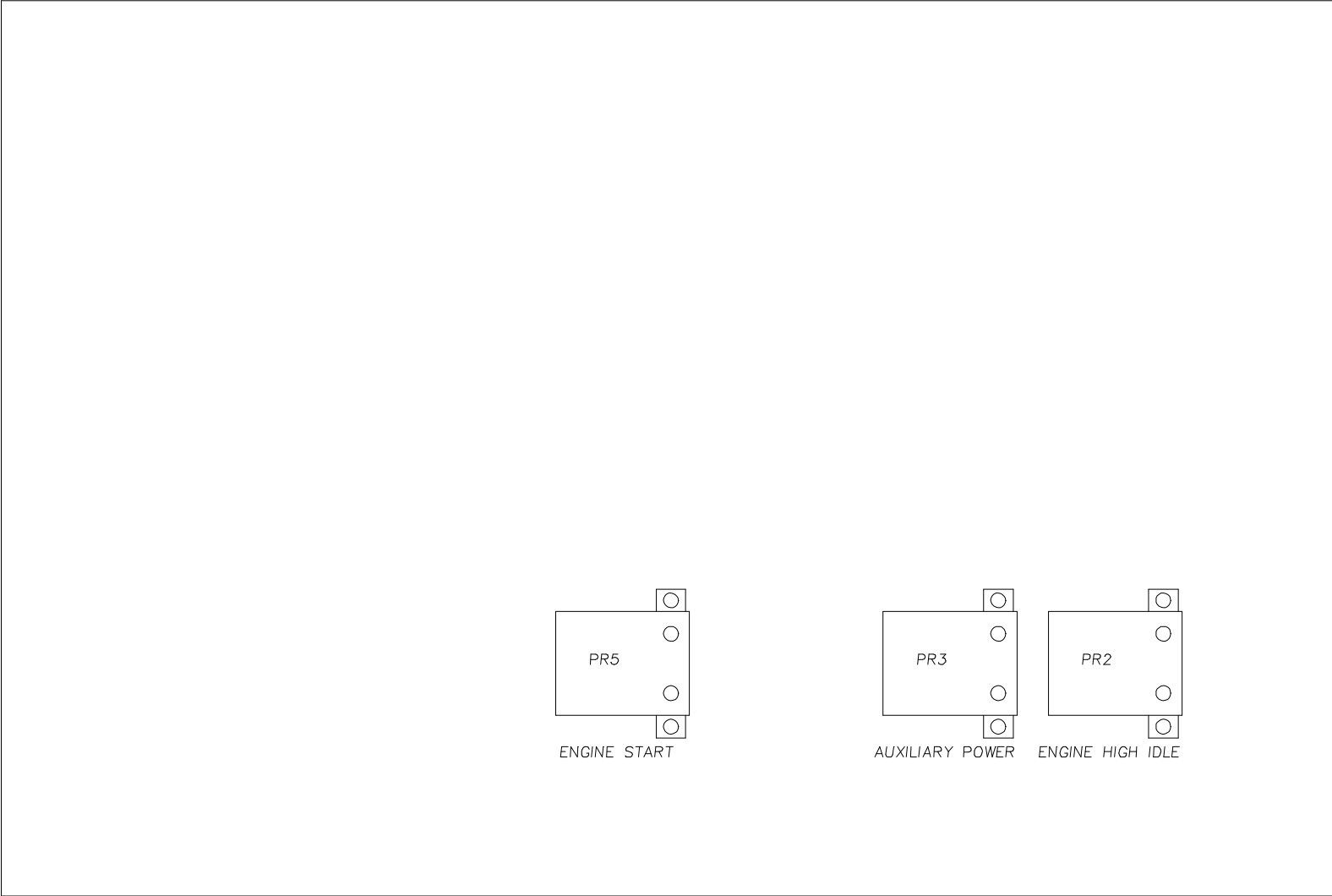
S60 2WD & 4WD DEUTZ DIESEL
ELECTRICAL SCHEMATIC
SERIAL# 430 TO 651



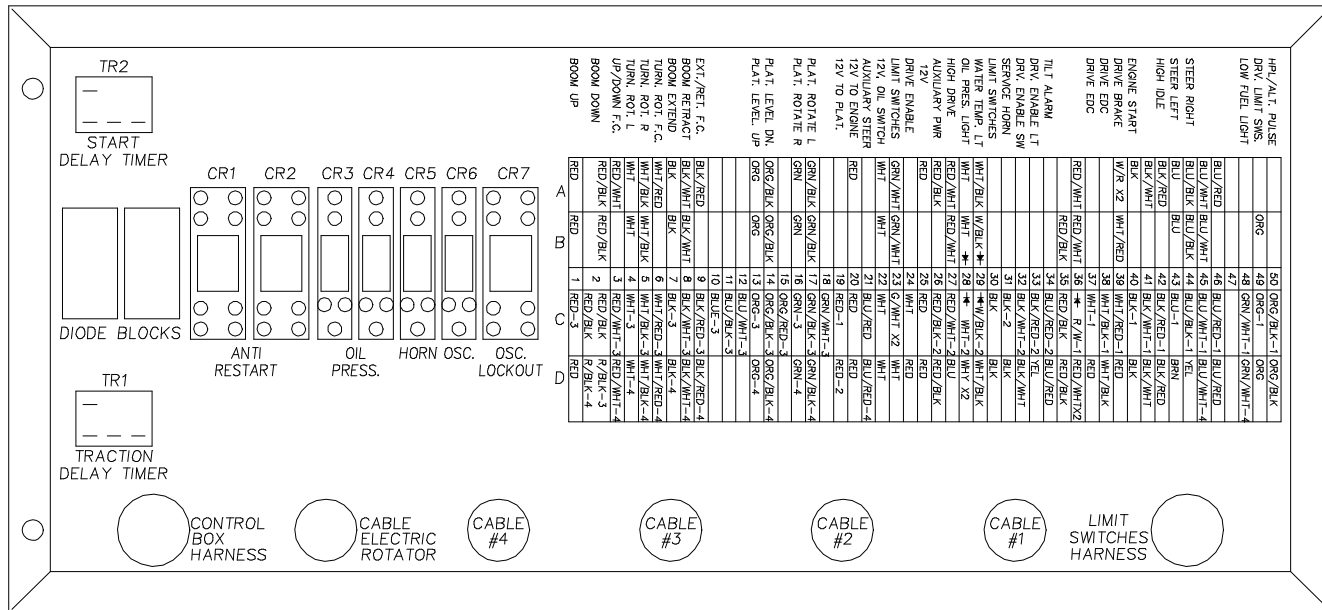
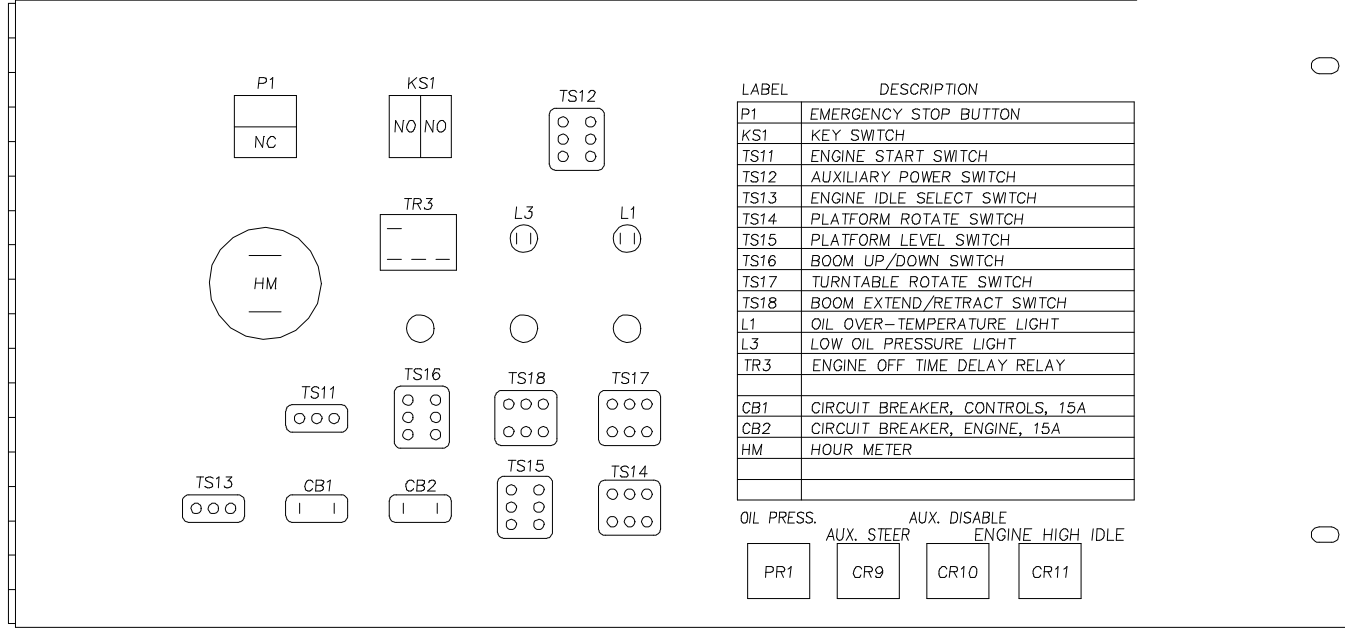
S60 2WD & 4WD DEUTZ DIESEL
ELECTRICAL SCHEMATIC (cont'd)
SERIAL# 430 TO 651



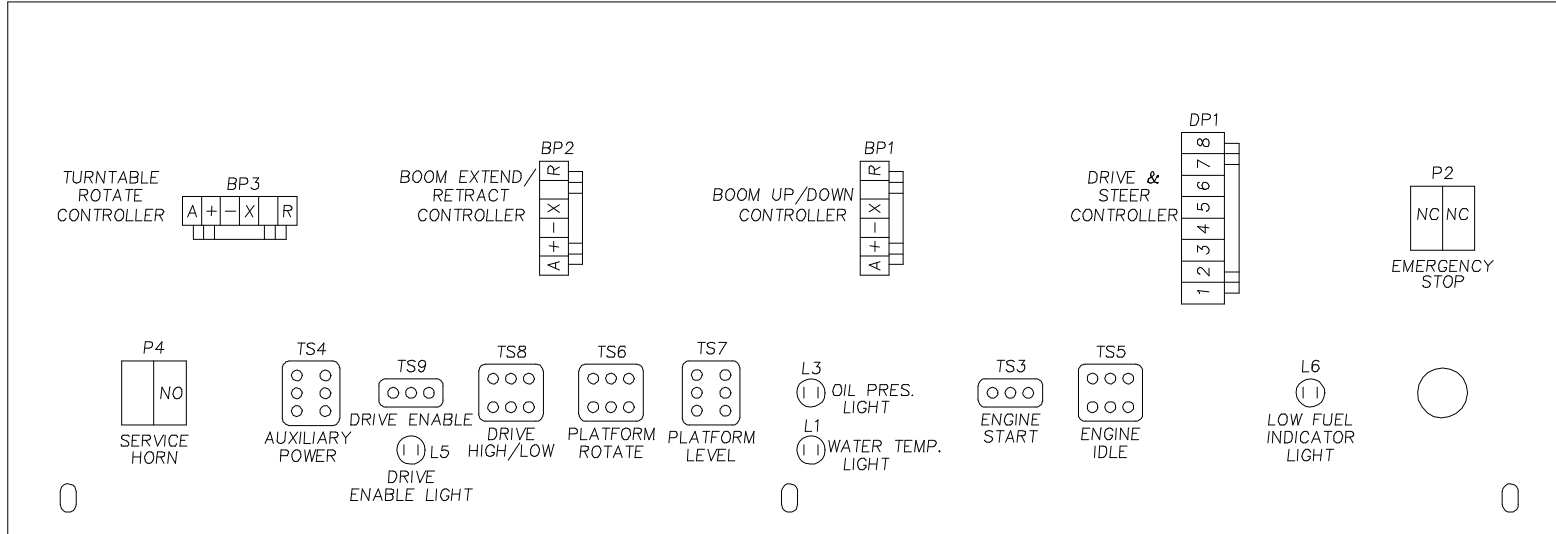
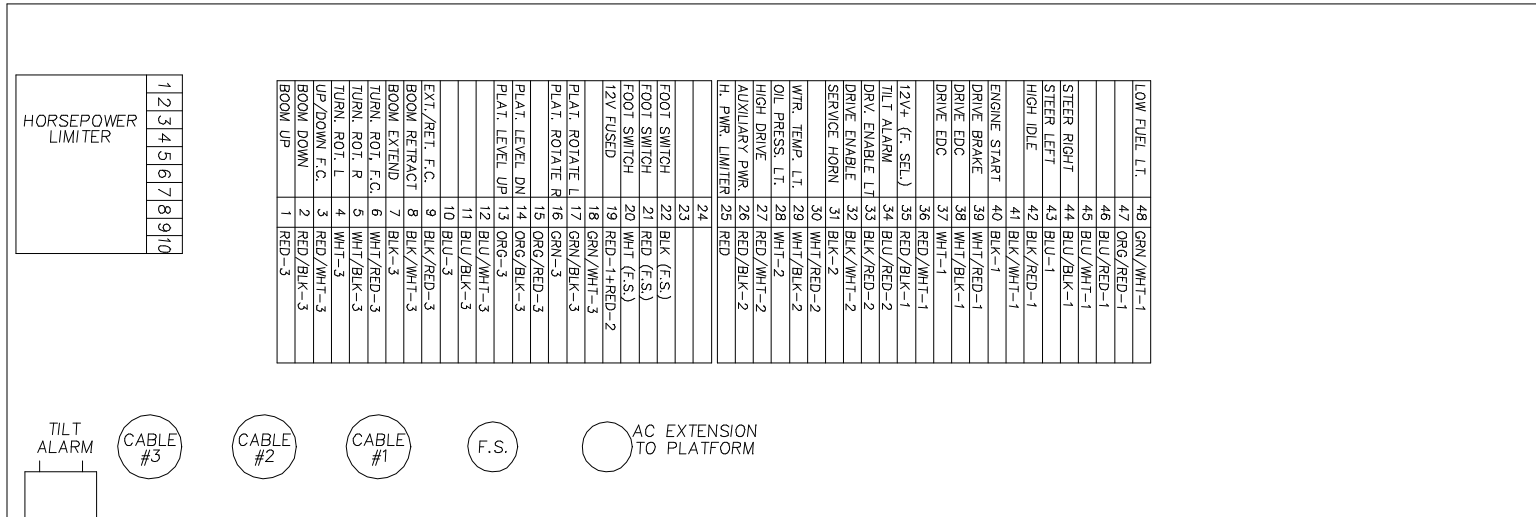
S60 2WD & 4WD DEUTZ DIESEL
RELAY PANEL LEGEND
SERIAL# 430 TO 651



S60 2WD & 4WD DEUTZ DIESEL
GROUND CONTROL BOX LEGEND
SERIAL# 430 TO 651

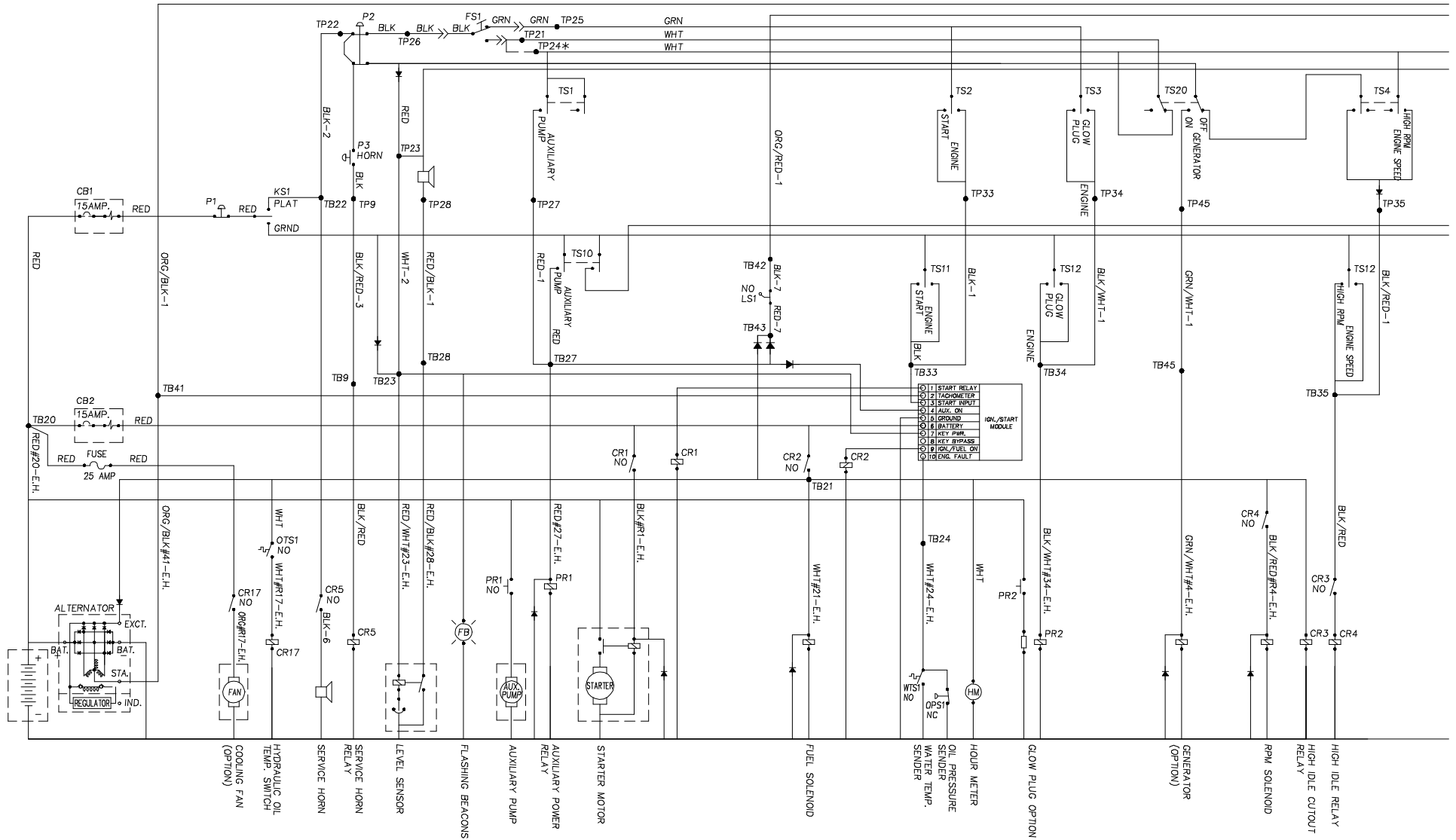


S60 2WD & 4WD DEUTZ DIESEL
 PLATFORM CONTROL BOX LEGEND
 SERIAL# 430 TO 651

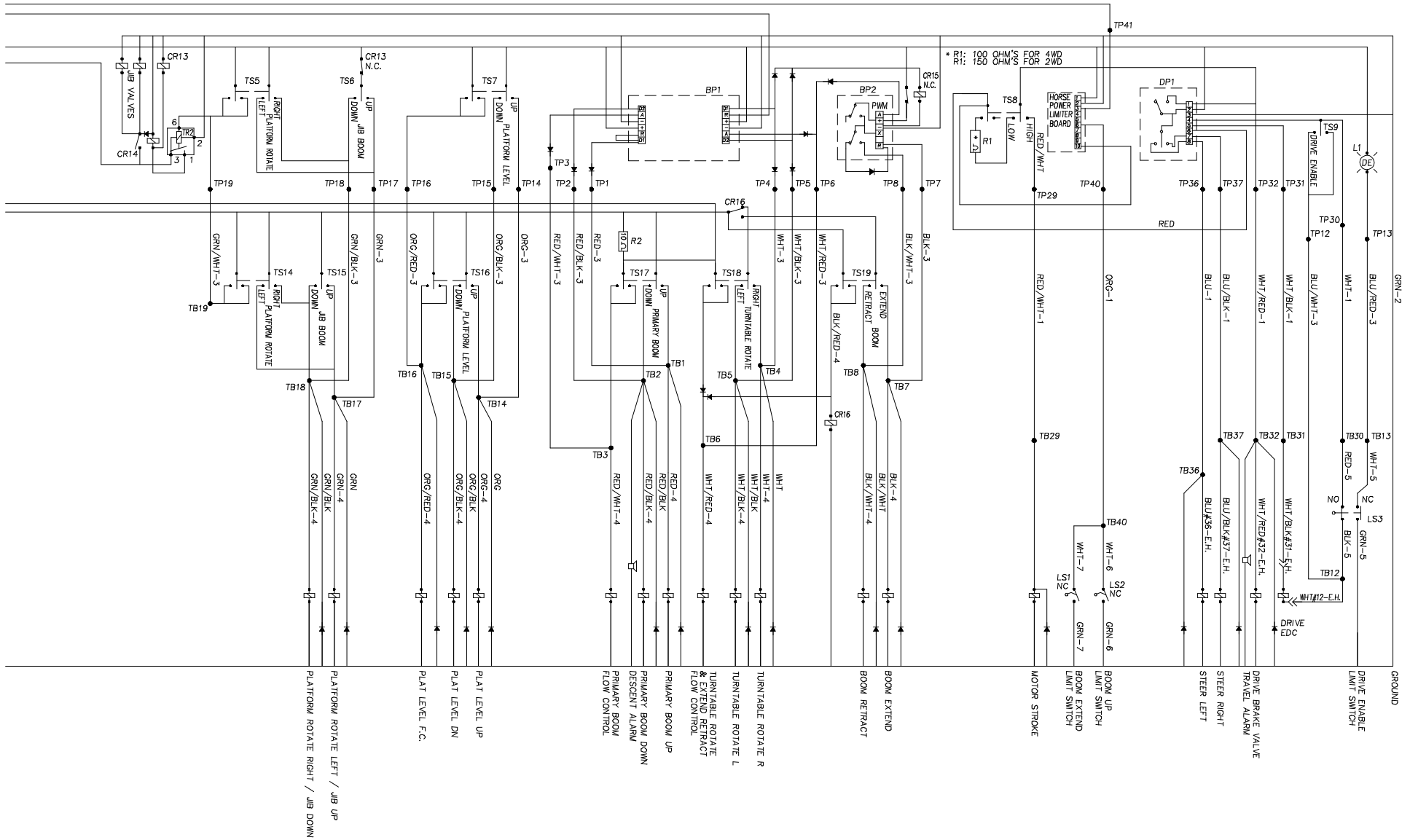


S60/65 DEUTZ DIESEL ELECTRICAL SCHEMATIC SERIAL #654 & ABOVE

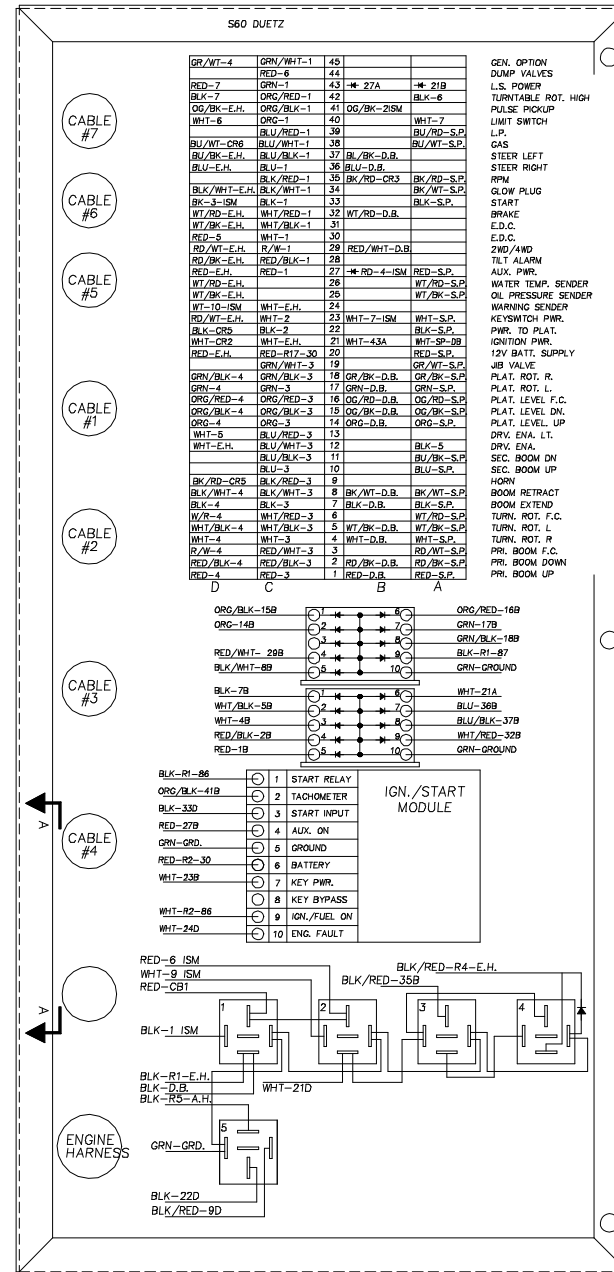
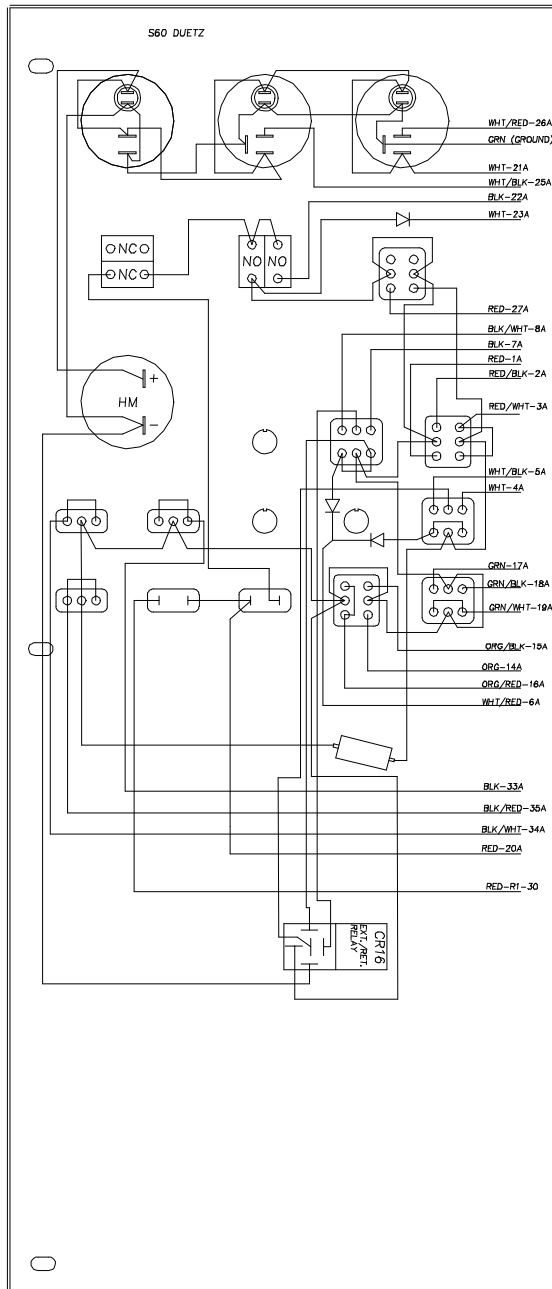
*NOTE: CIRCUIT CONNECTION TO TP24 IS FOR UNITS WITHOUT GENERATOR OPTION.



S60/65 DEUTZ DIESEL
ELECTRICAL SCHEMATIC (cont'd)
SERIAL # 654 TO 1645

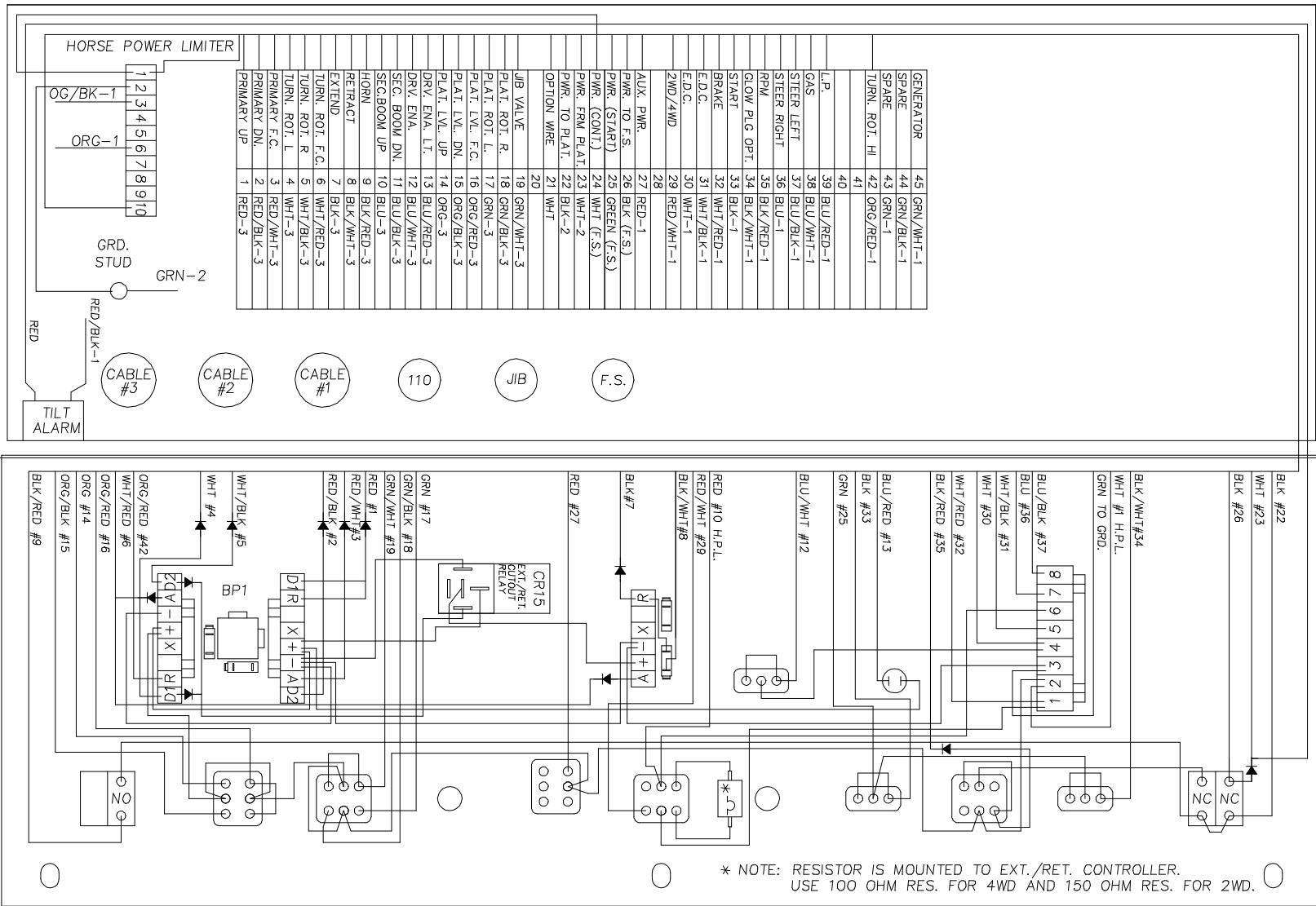


S60/65 DEUTZ DIESEL GROUND CONTROL BOX LEGEND SERIAL # 654 TO 1645



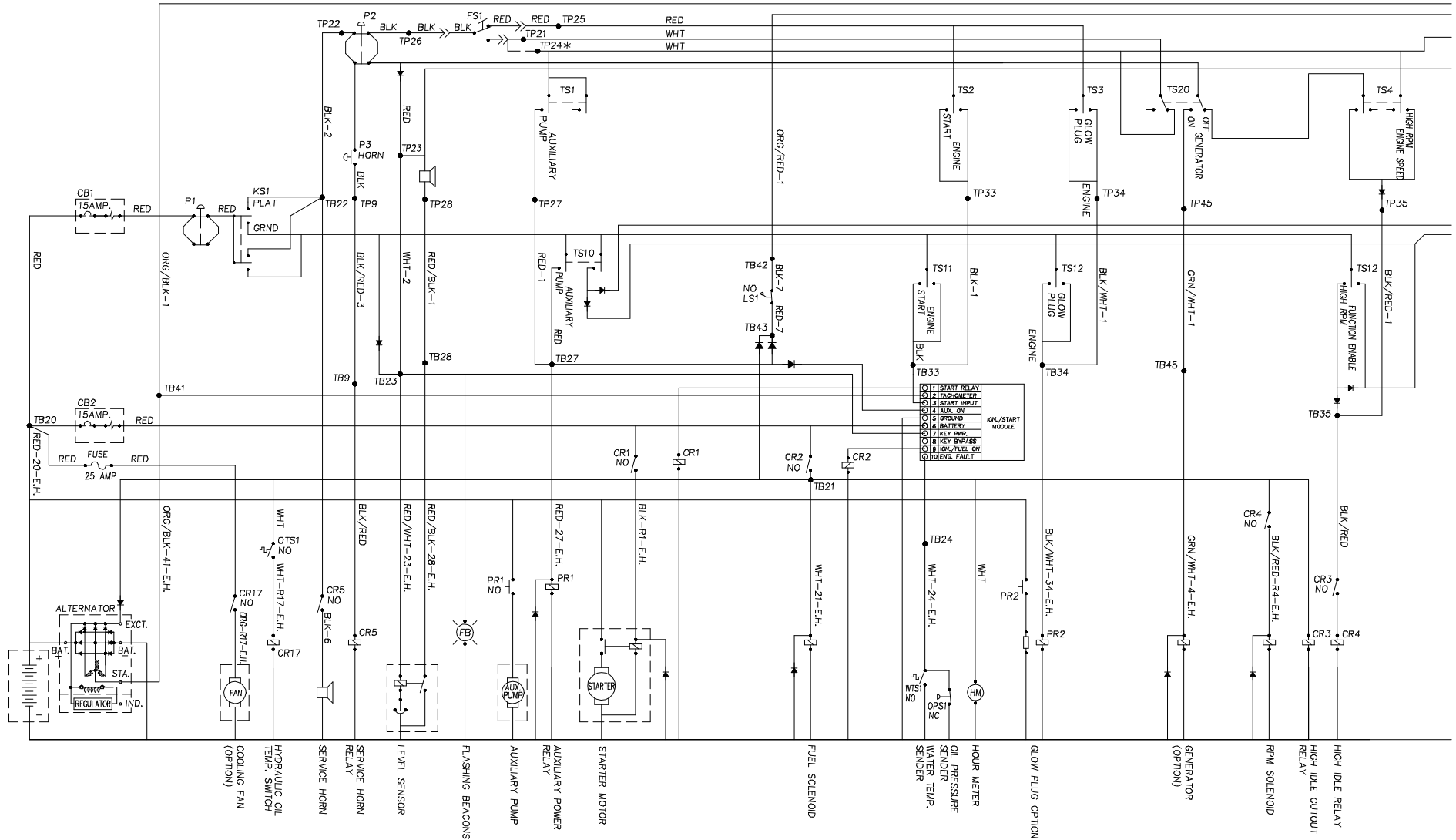
S60/65 DEUTZ DIESEL
 PLATFORM CONTROL BOX LEGEND
 SERIAL # 654 TO 1645

S60 DUETZ PLATFORM BOX

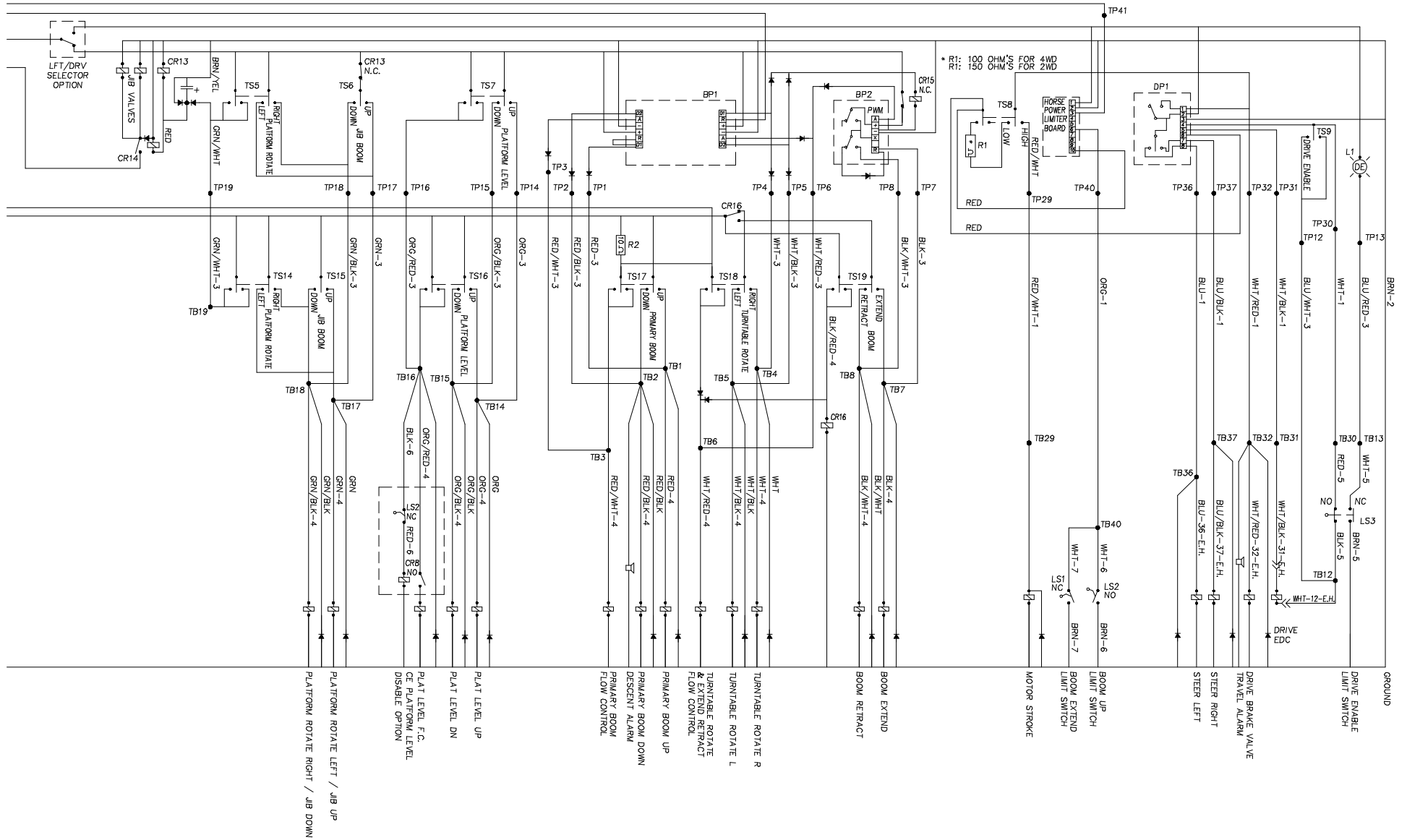


S60/65 DEUTZ DIESEL
ELECTRICAL SCHEMATIC
WITH FUNCTION ENABLE
SERIAL # 1646 TO 2029

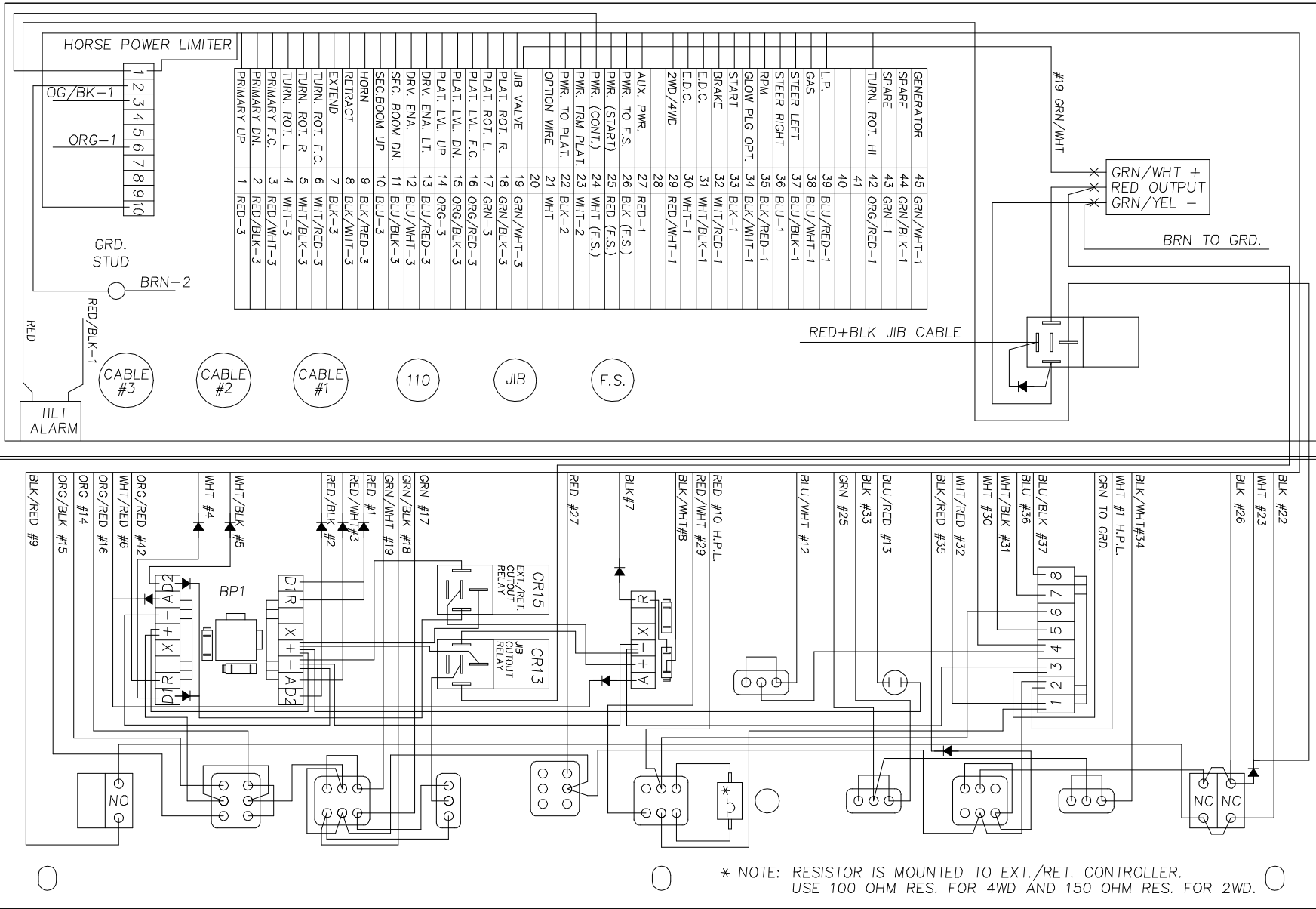
*NOTE: CIRCUIT CONNECTION TO TP24 IS FOR UNITS WITHOUT GENERATOR OPTION.



S60/65 DEUTZ DIESEL
ELECTRICAL SCHEMATIC (cont'd)
WITH FUNCTION ENABLE
SERIAL # 1646 TO 2029

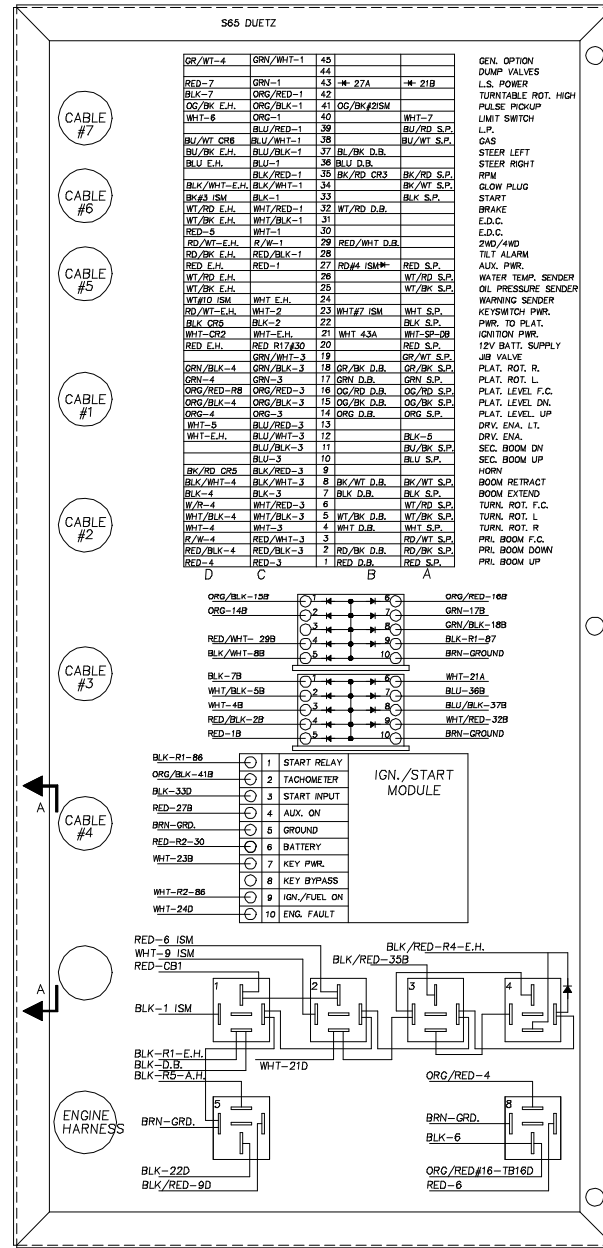
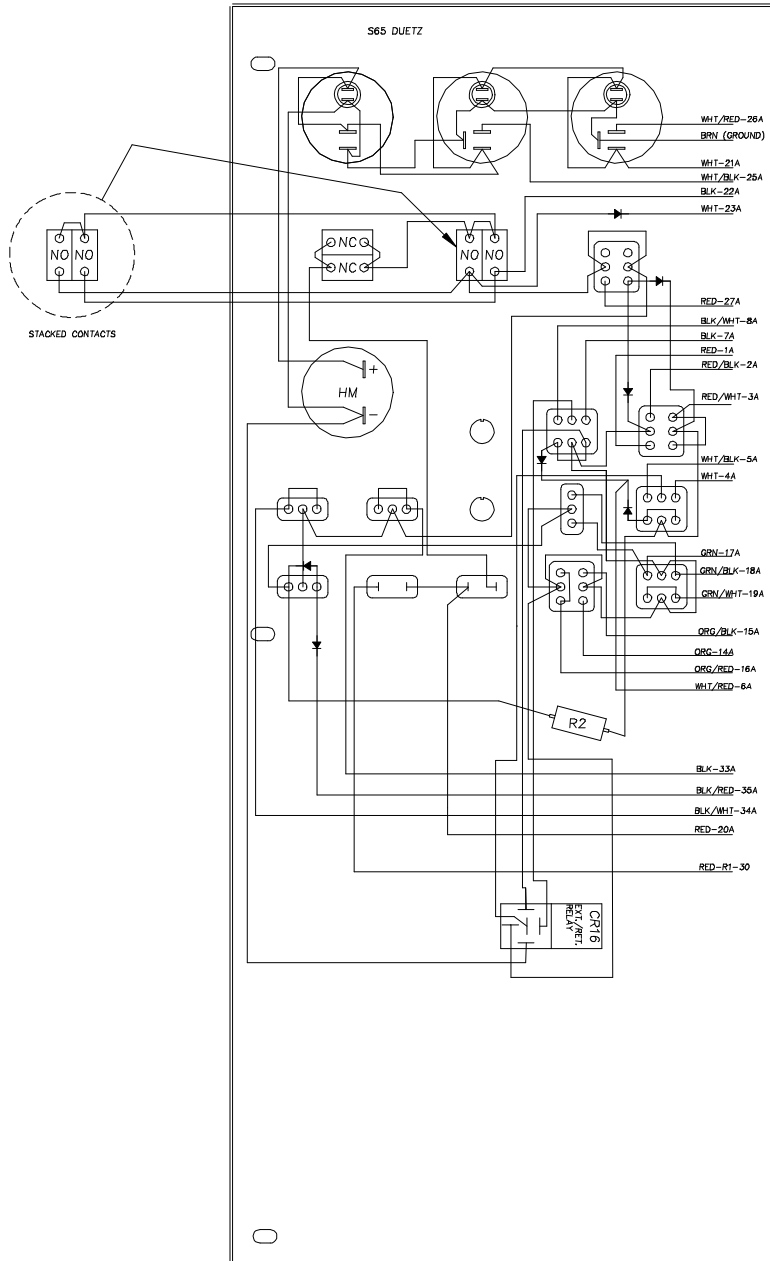


S60/65 DEUTZ DIESEL
 PLATFORM CONTROL BOX LEGEND
 WITH FUNCTION ENABLE
 SERIAL # 1646 TO 2029



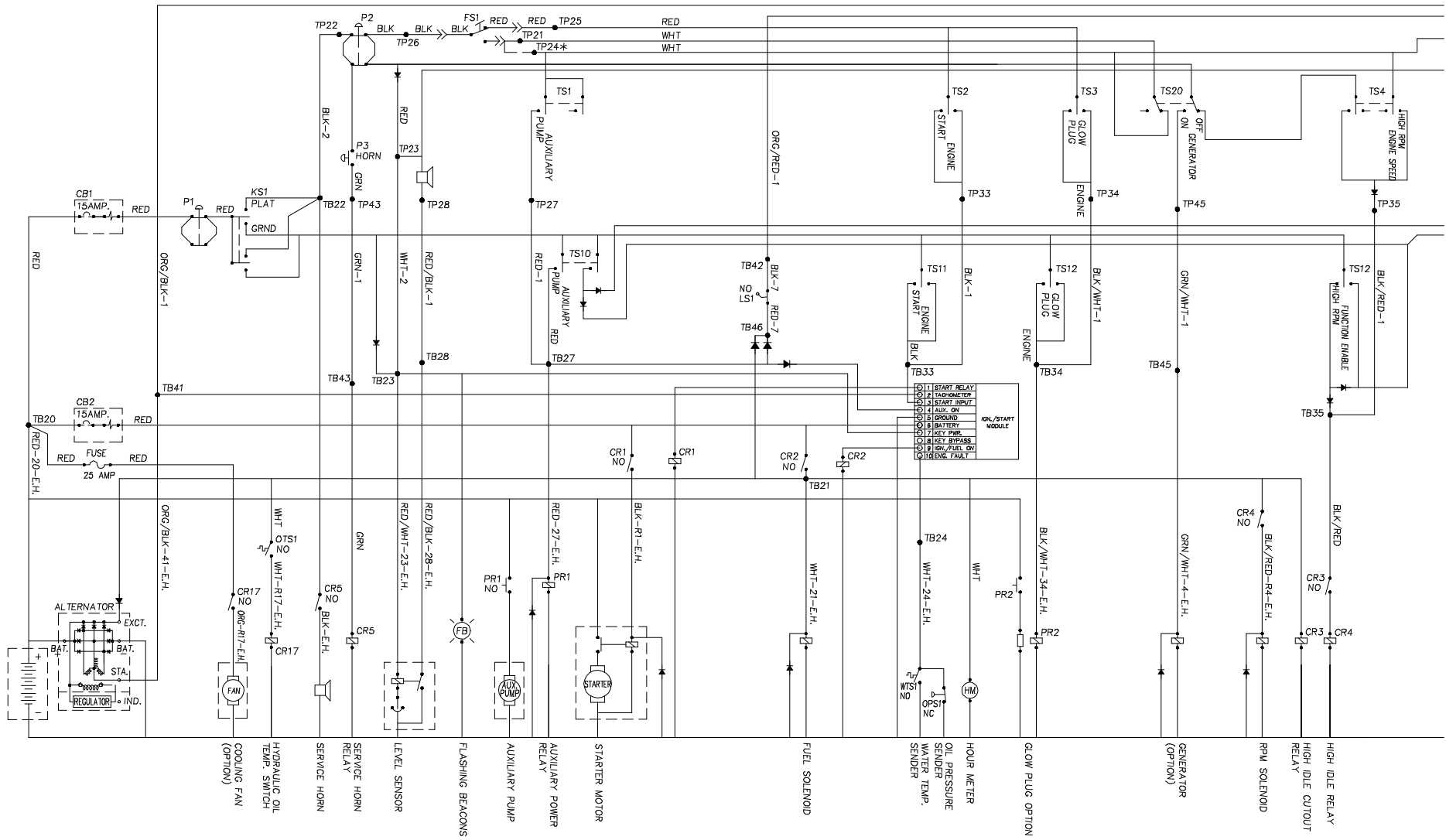
S65 DEUTZ PLATFORM BOX

S60/65 DEUTZ DIESEL
GROUND CONTROL BOX LEGEND
WITH FUNCTION ENABLE
SERIAL # 1646 TO 2029

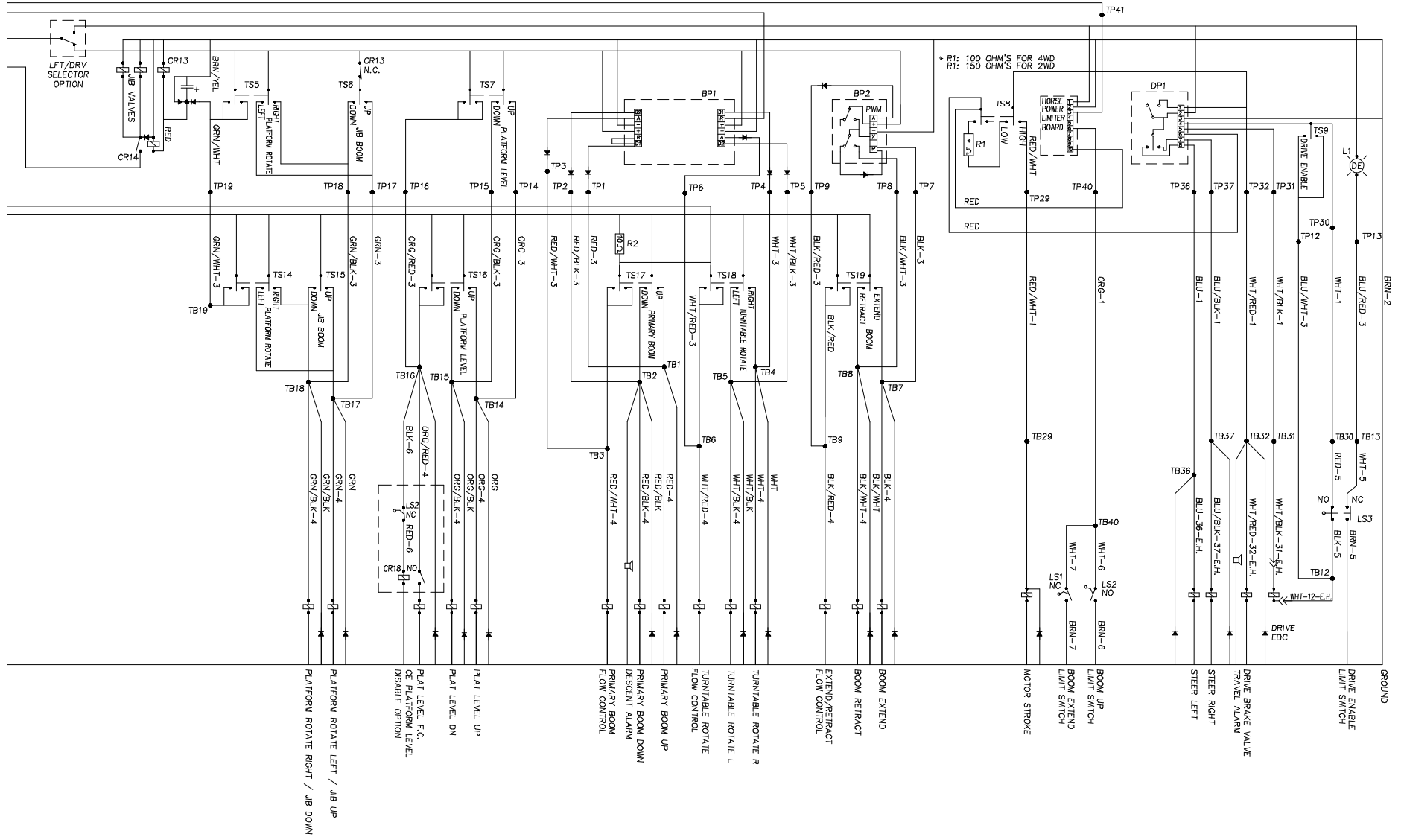


S60/65 DEUTZ DIESEL
ELECTRICAL SCHEMATIC
WITH SIMULTANEOUS FUNCTIONS
SERIAL # 2330 & ABOVE

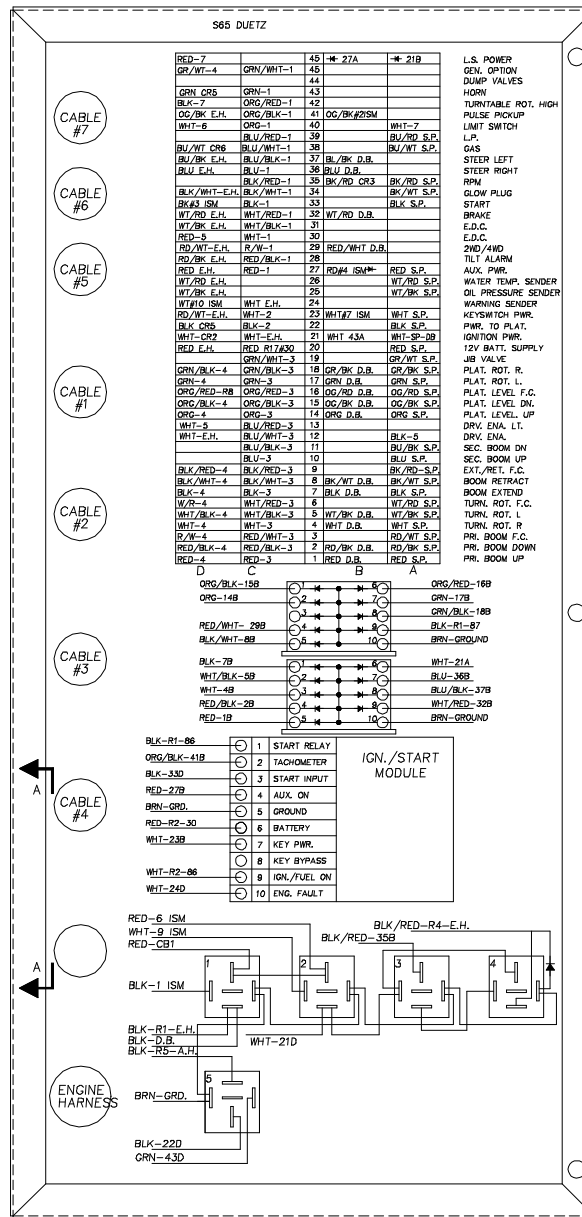
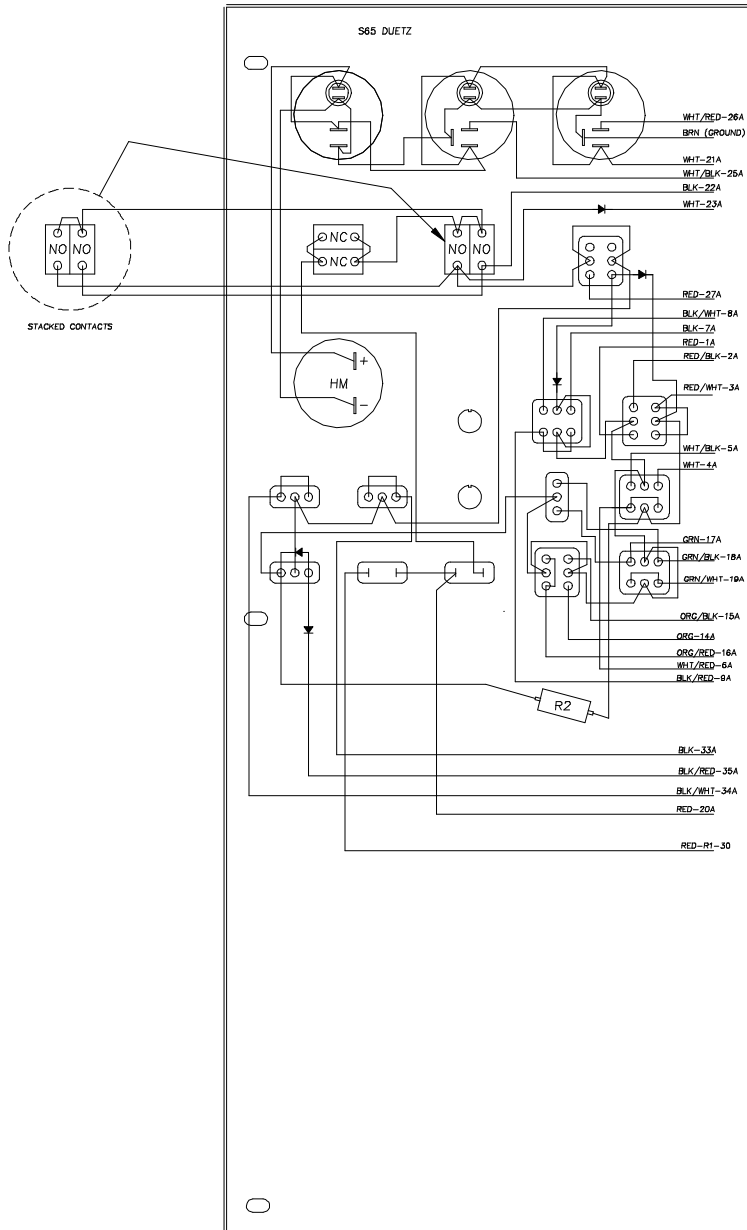
*NOTE: CIRCUIT CONNECTION TO TP24 IS FOR UNITS WITHOUT GENERATOR OPTION.



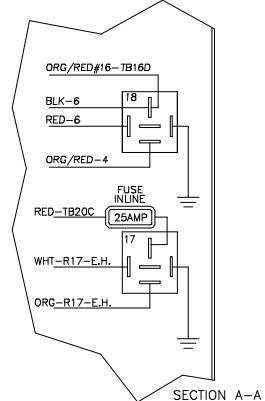
S60/65 DEUTZ DIESEL
ELECTRICAL SCHEMATIC (cont'd)
WITH SIMULTANEOUS FUNCTIONS
SERIAL # 2330 & ABOVE



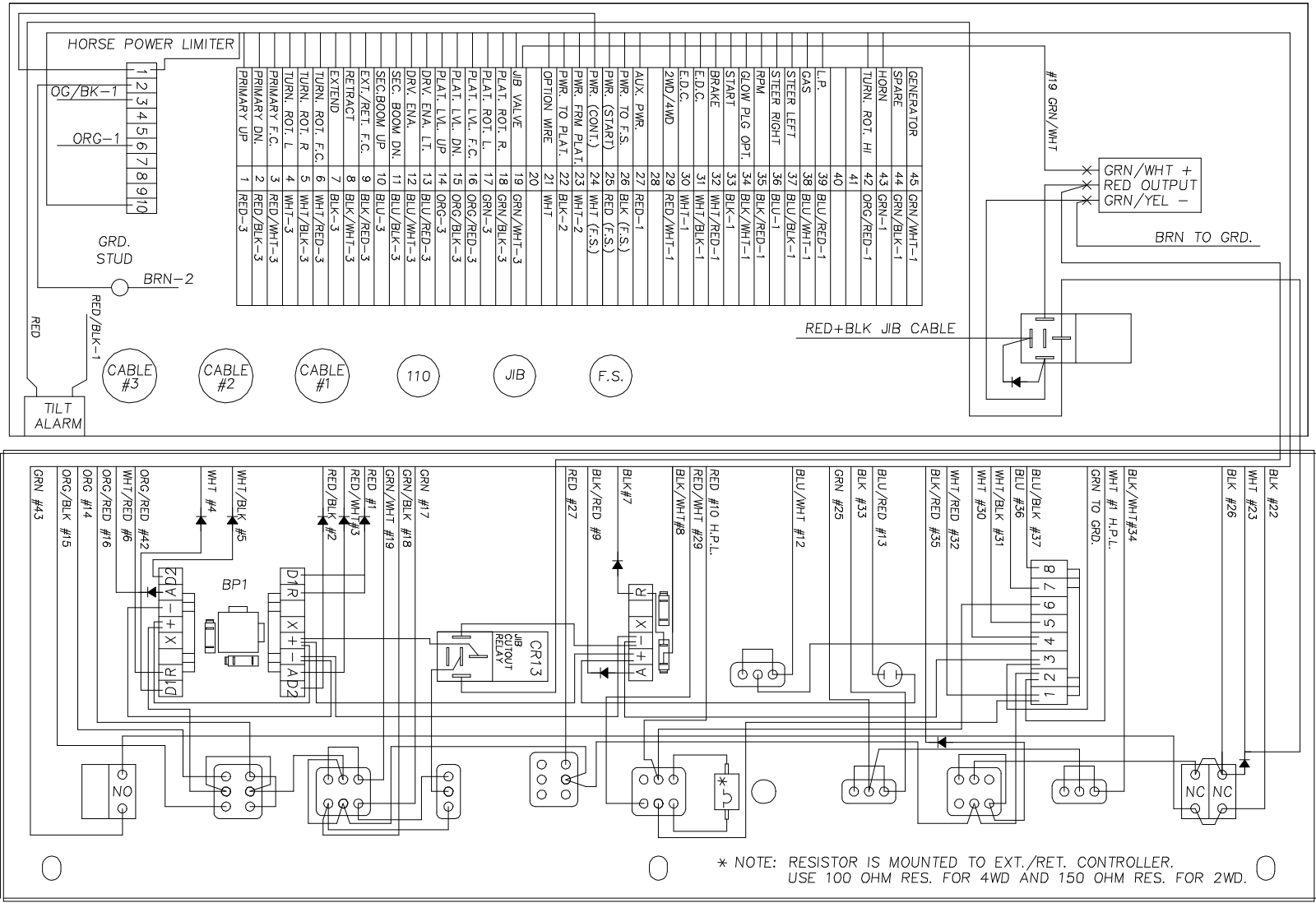
S60/65 DEUTZ DIESEL GROUND CONTROL BOX LEGEND WITH SIMULTANEOUS FUNCTIONS SERIAL # 2330 & ABOVE



PLATFORM LEVEL DISABLE &
HYD. OIL COOLER
OPTION RELAYS

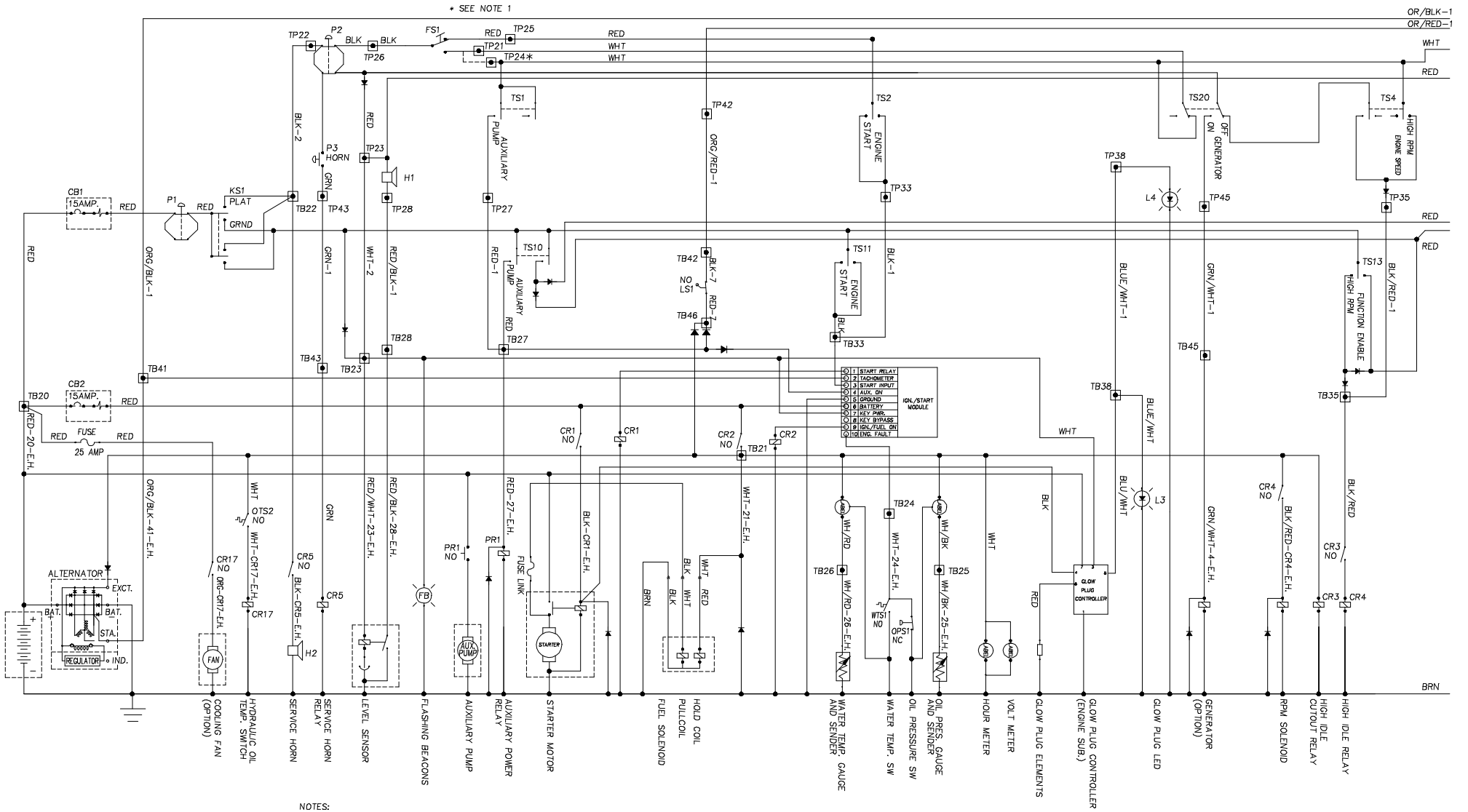


S65 DEUTZ DIESEL
 PLATFORM CONTROL BOX LEGEND
 WITH SIMULTANEOUS FUNCTIONS
 SERIAL # 2330 & ABOVE



S65 DEUTZ PLATFORM BOX

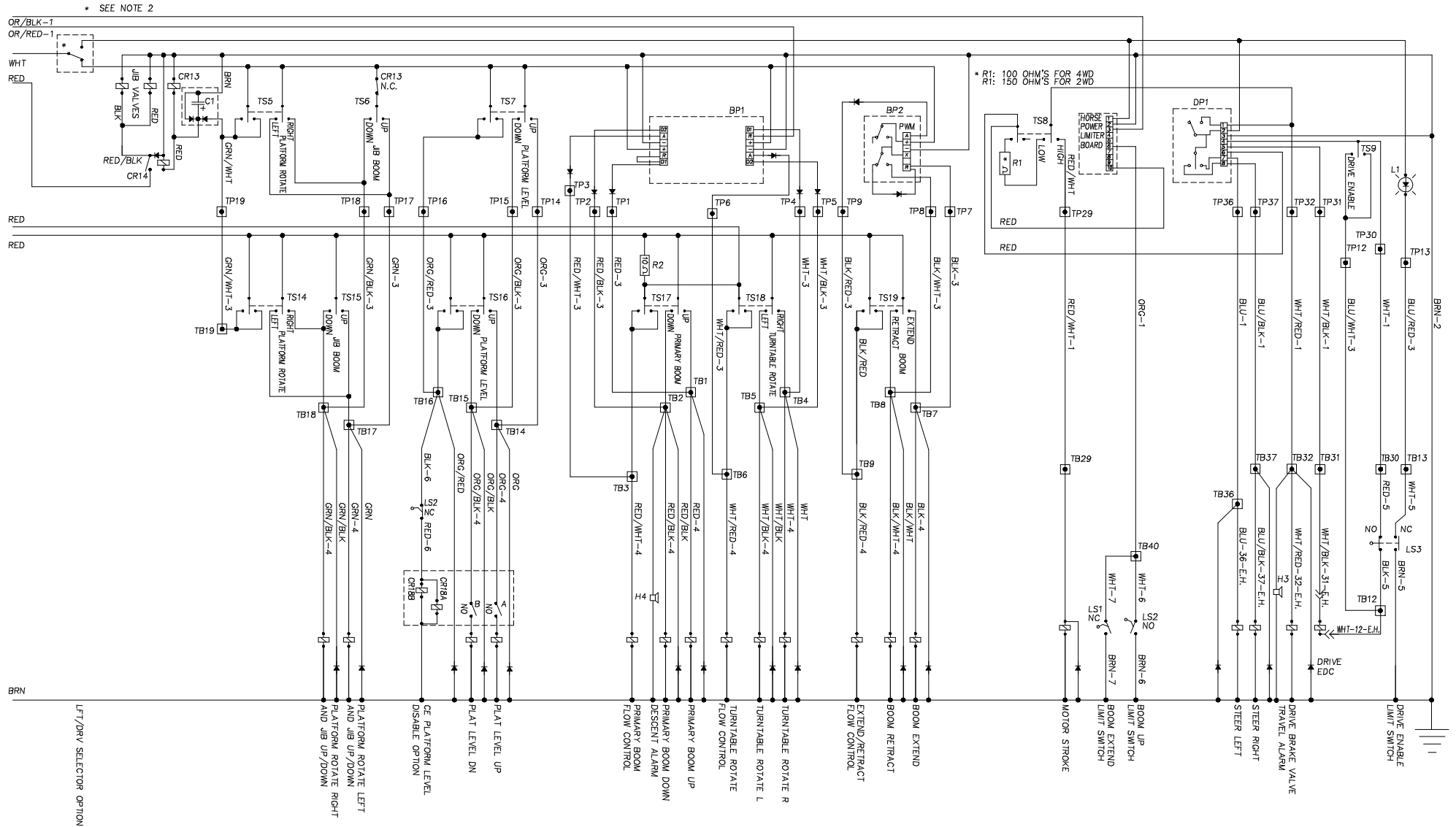
S60/65 PERKINS DIESEL ELECTRICAL SCHEMATIC



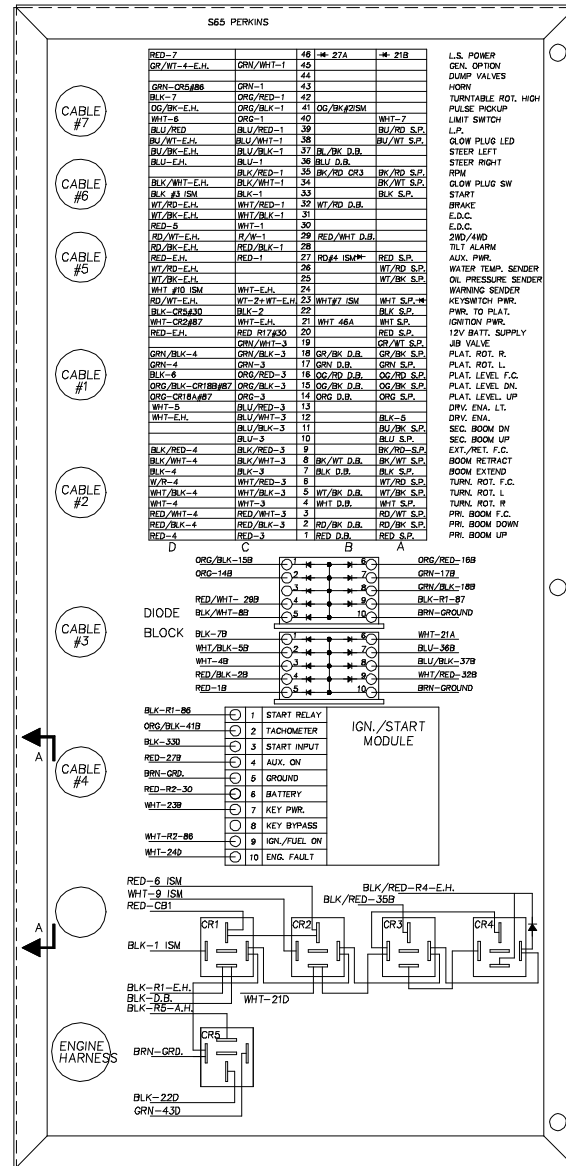
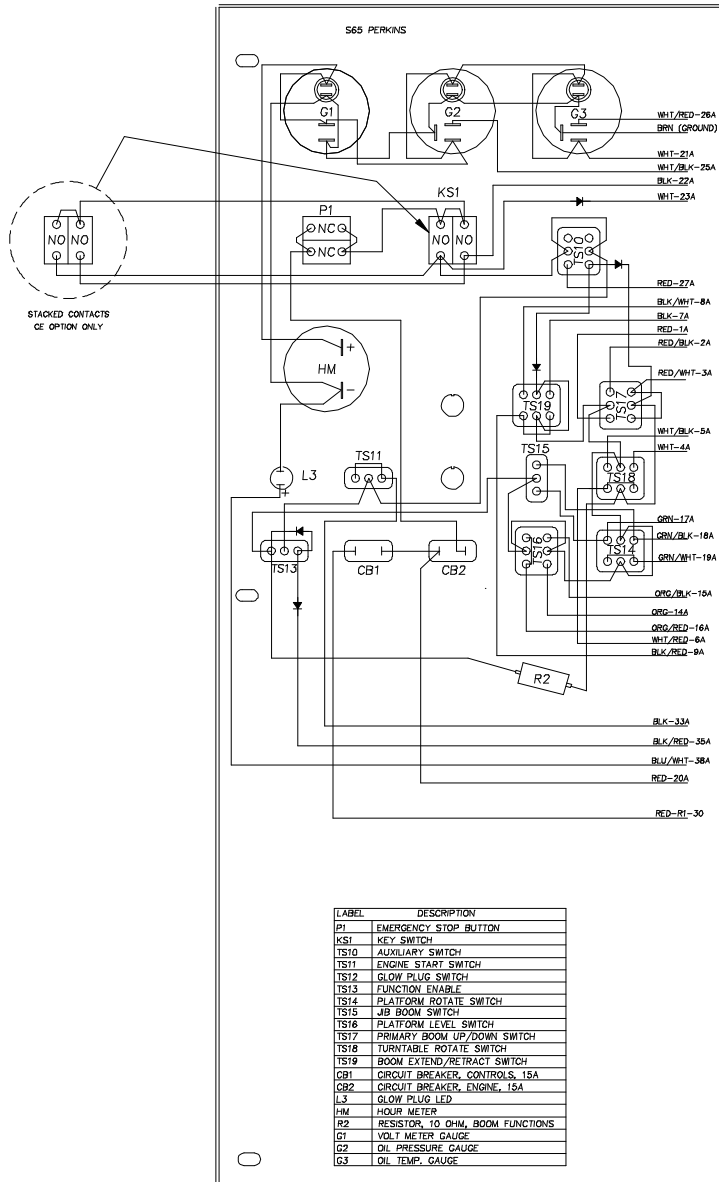
* SEE NOTE 1

- NOTES:
1. CIRCUIT CONNECTION TO TP24 IS FOR UNITS WITHOUT GENERATOR OPTION.
 2. THE FOOTSWITCH POWER IS CONNECTED TO BOTH WHT WIRES WITHOUT THE LIFT/DRIVE SELECTOR OPTION.
 3. ALL SWITCHES AND CONTACTS ARE SHOWN WITH THE BOOM IN THE STOWED POSITION AND THE KEYSWITCH OFF.

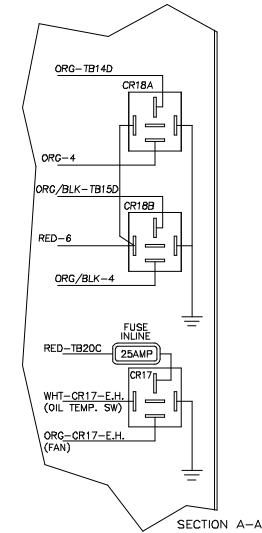
S60/65 PERKINS DIESEL ELECTRICAL SCHEMATIC (cont'd)



S60/65 PERKINS DIESEL GROUND CONTROL BOX LEGEND

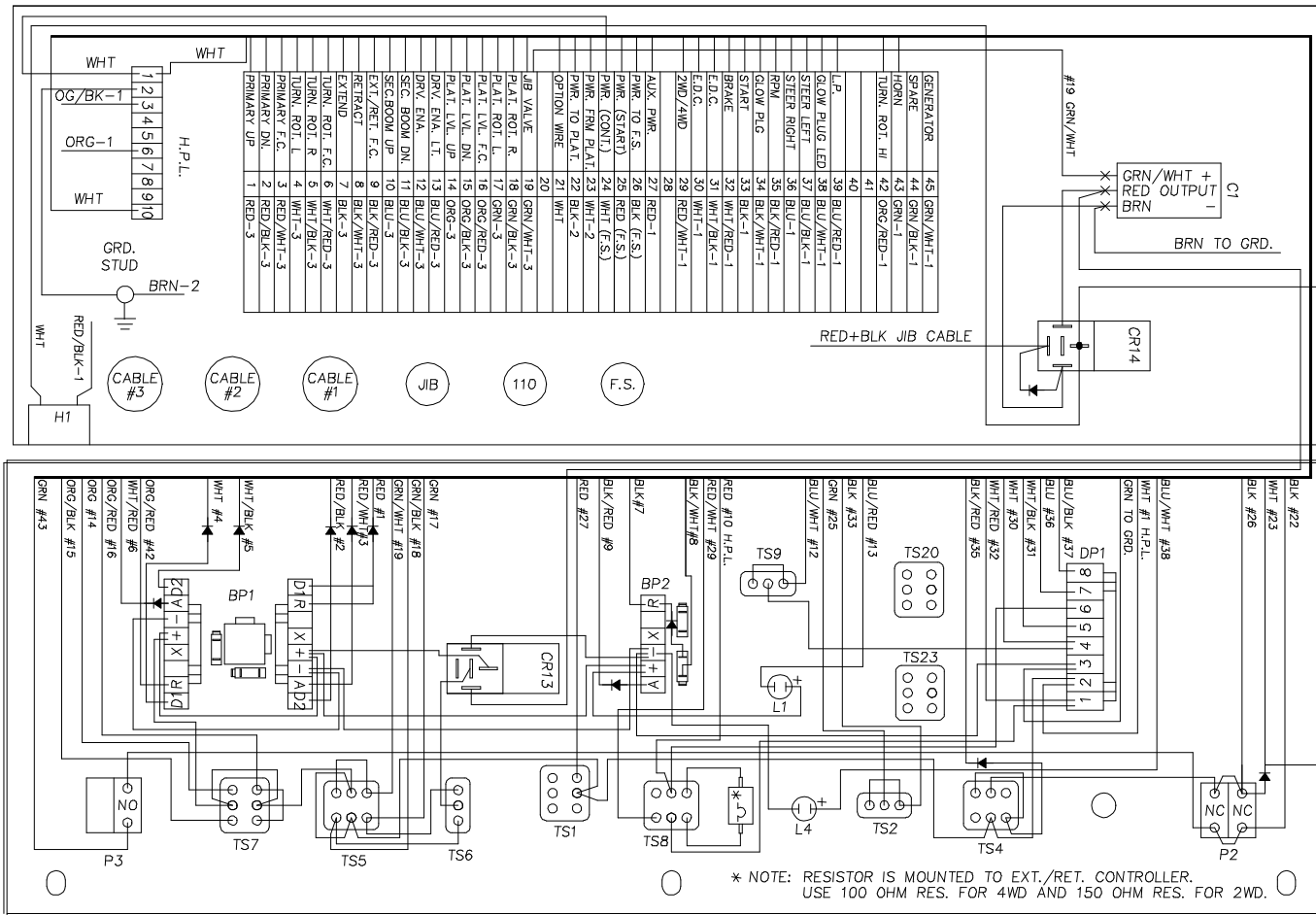


PLATFORM LEVEL DISABLE & HYD. OIL COOLER OPTION RELAYS



| LABEL | DESCRIPTION |
|---------------|--------------------------------------|
| CR1 | IGN./START RELAY |
| CR2 | IGN./POWER RELAY |
| CR3 | HIGH IDLE (RPM) CUTOOUT RELAY |
| CR4 | RPM RELAY |
| CR5 | SERVICE HORN RELAY |
| CR17 | HYD. OIL COOLER OPTION RELAY |
| CR18A & B | CE/PLATFORM LEVEL CUTOOUT RELAY |
| LS1 (CABLE#7) | BOOM EXTEND LIMIT SWITCH |
| LS2 (CABLE#6) | BOOM UP LIMIT SWITCH |
| LS3 (CABLE#5) | DRIVE ENABLE LIMIT SWITCH |
| (CABLE#7) | TO PLATFORM C-BOX, TERMINAL 27-46 |
| (CABLE#2) | TO PLATFORM TO C-BOX, TERMINAL 22-23 |
| (CABLE#3) | TO PLATFORM C-BOX, TERMINAL 1-19 |
| (CABLE#4) | TO CONTROL SOLENOID |
| PR1 | AUXILIARY POWER RELAY |
| PR2 | GLOW PLUG POWER RELAY |

S60/65 PERKINS DIESEL PLATFORM CONTROL BOX LEGEND



| LABEL | DESCRIPTION |
|----------|--|
| P2 | EMERGENCY STOP BUTTON |
| P3 | HORN SWITCH |
| TS1 | AUXILIARY SWITCH |
| TS2 | START ENGINE SWITCH |
| L3 | GLOW PLUG LED |
| TS4 | HIGH R.P.M. SWITCH |
| TS5 | PLATFORM ROTATE SWITCH |
| TS6 | PLATFORM LEVEL SWITCH |
| TS7 | PRIMARY BOOM EXTEND/RETRACT SWITCH |
| TS8 | DRIVE ENABLE SWITCH |
| TS9 | JIB BOOM SWITCH (S65 ONLY) |
| TS20 | GENERATOR SWITCH (OPTION) |
| TS23 | LIFT/DRIVE SELECT SWITCH (OPTION) |
| CR13 | JIB LOCKOUT RELAY |
| CR14 | PLATFORM ROTATOR RELAY |
| C1 | DELAY CAPACITOR |
| L1 | CHECK ENGINE LED |
| L4 | GLOW PLUG LED |
| DP1 | DRIVE PROPORTIONAL JOYSTICK: STEER LEFT/ RIGHT |
| BP1 | BOOM PROPORTIONAL JOYSTICK: PRIMARY BOOM UP/DN & TURNTABLE ROTATE |
| BP2 | BOOM PROPORTIONAL JOYSTICK: EXTEND OR RETRACT |
| CABLE #1 | FROM GROUND C-BOX, TERMINAL 27-45 |
| CABLE #2 | FROM GROUND C-BOX, TERMINAL 22-23 |
| CABLE #3 | FROM GROUND C-BOX, TERMINAL 1-19 |
| JIB | CABLE FOR JIB FUNCTION |
| 110 | AC POWER CABLE |
| F.S. | CABLE FROM FOOTSWITCH |
| H.P.L. | HORSEPOWER LIMITER BOARD |
| H1 | TILT ALARM |

S65 PERKINS PLATFORM BOX