Z-Boom Index

Z12 Z45/22 Tri-Fuel

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Z12 Z45/22 Tri-Fuel (cont'd)

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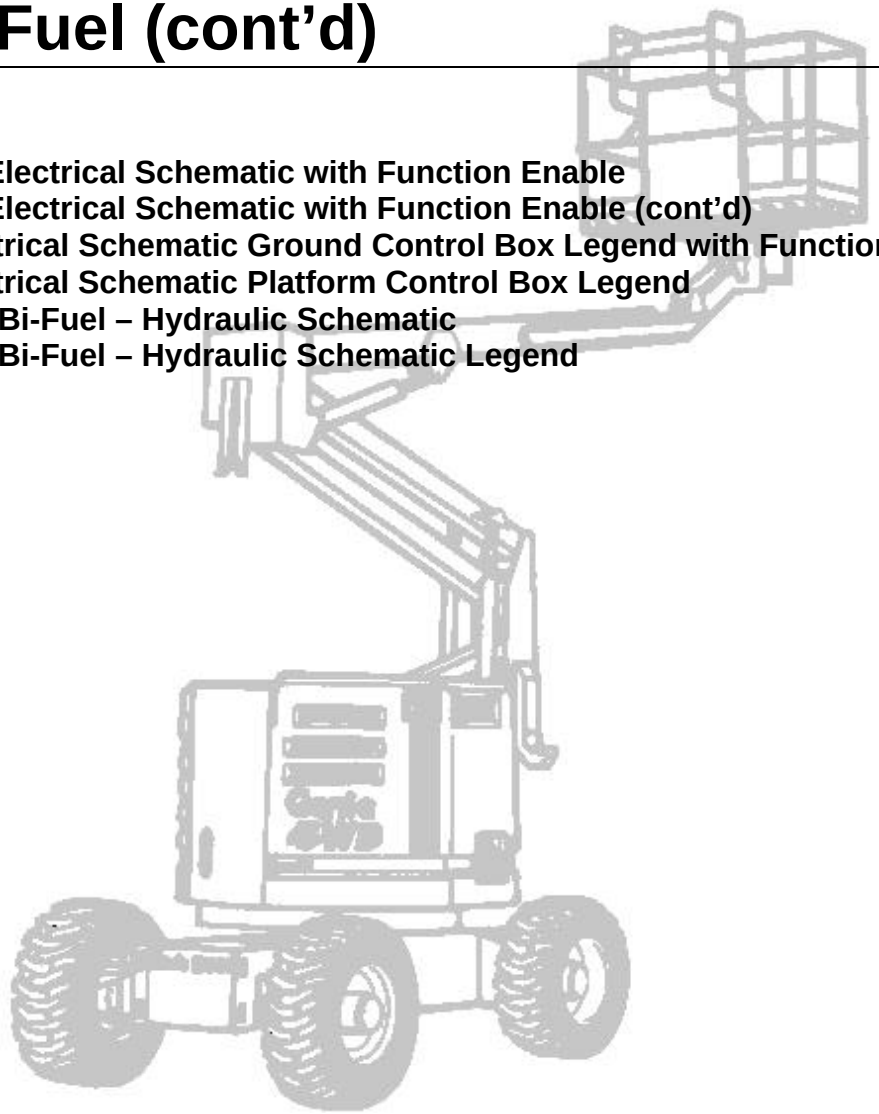
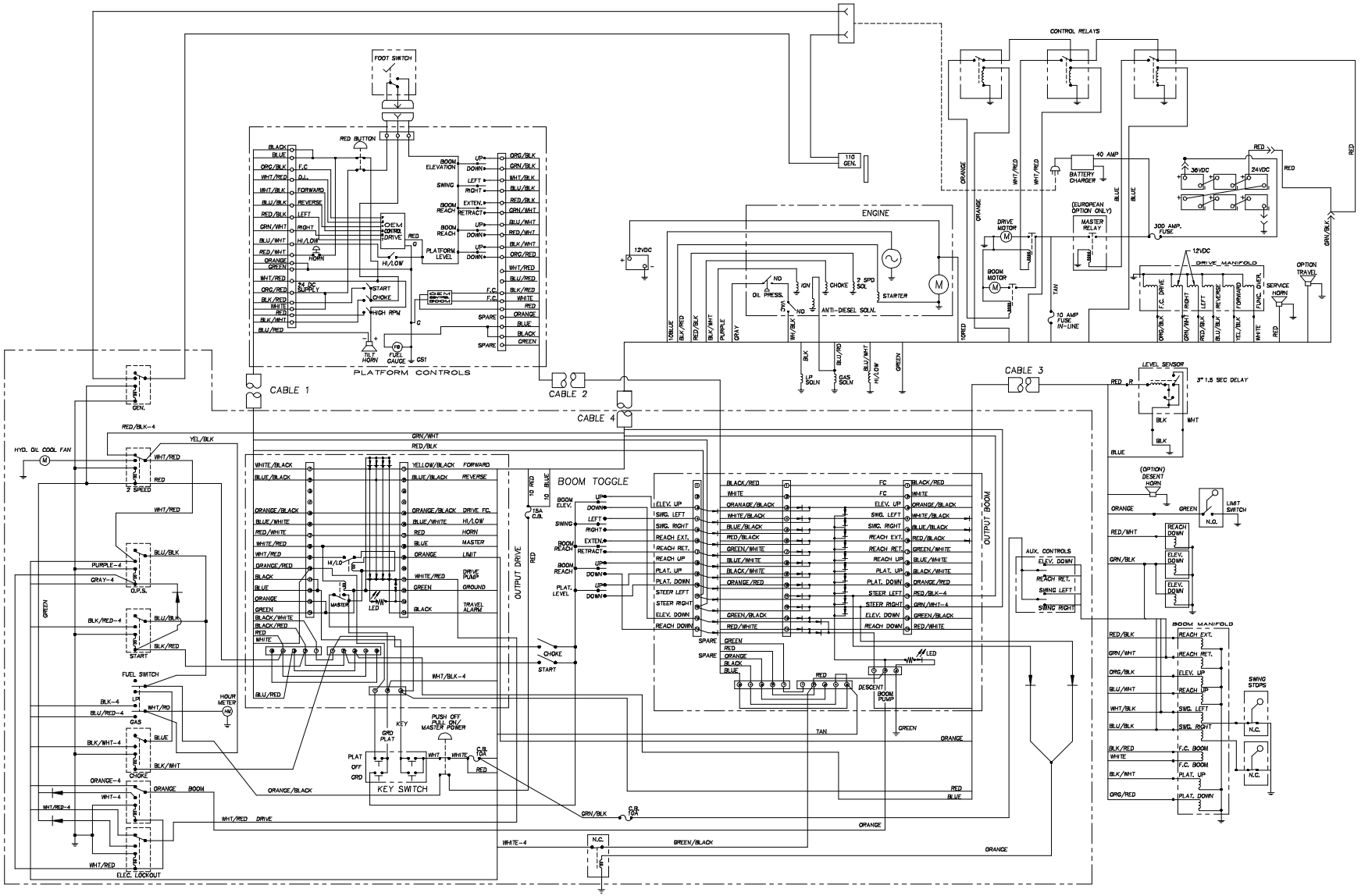
Z12-25	Z45/22 MP Tri-Fuel & Bi-Fuel – Hydraulic Schematic
Z12-26	Z45/22 MP Tri-Fuel & Bi-Fuel – Hydraulic Schematic Legend



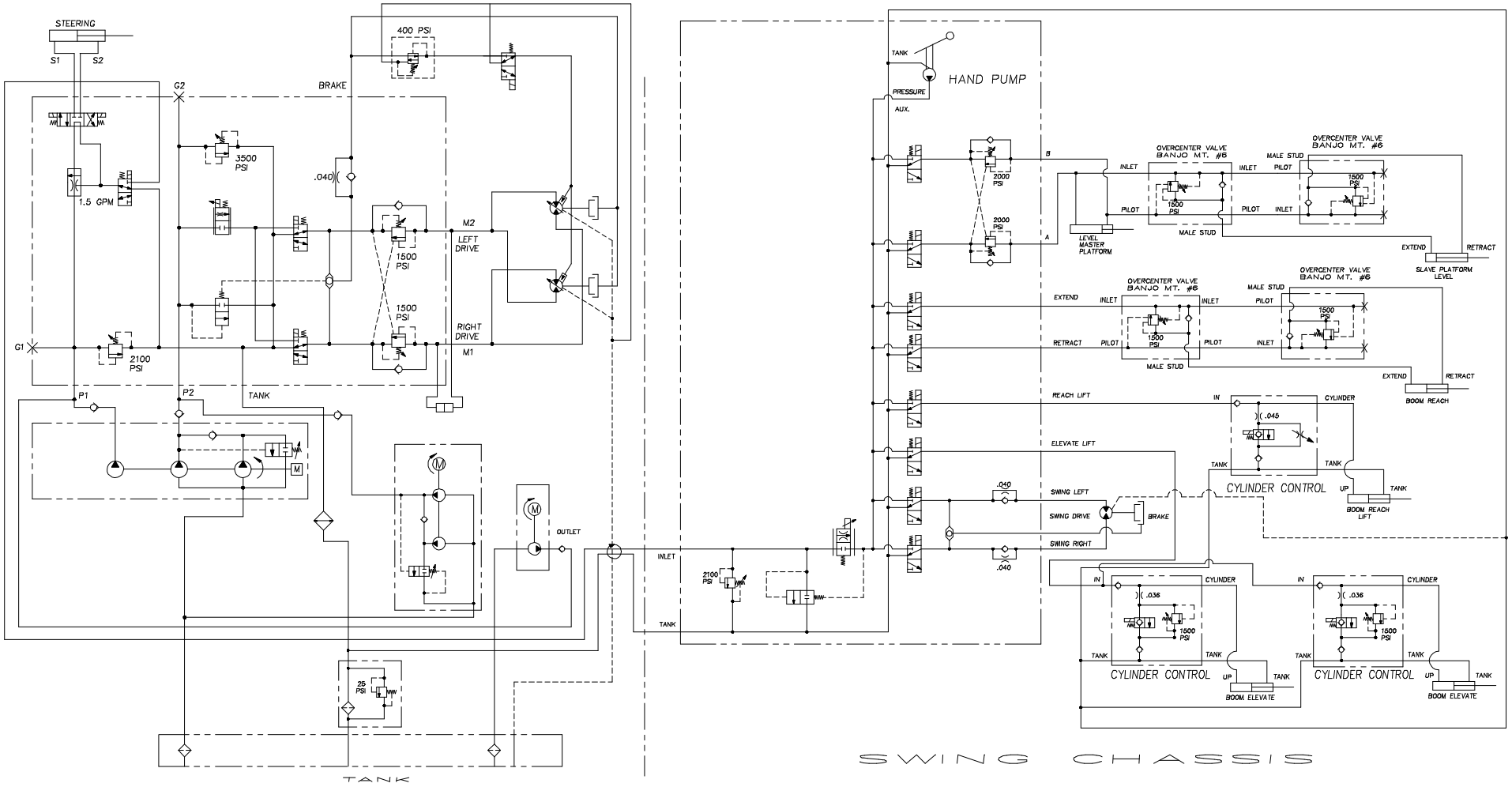
Z45-22 Tri-Fuel Index

Z45/22 GPE
ELECTRICAL WIRING DIAGRAM



Z45-22 Tri-Fuel Index

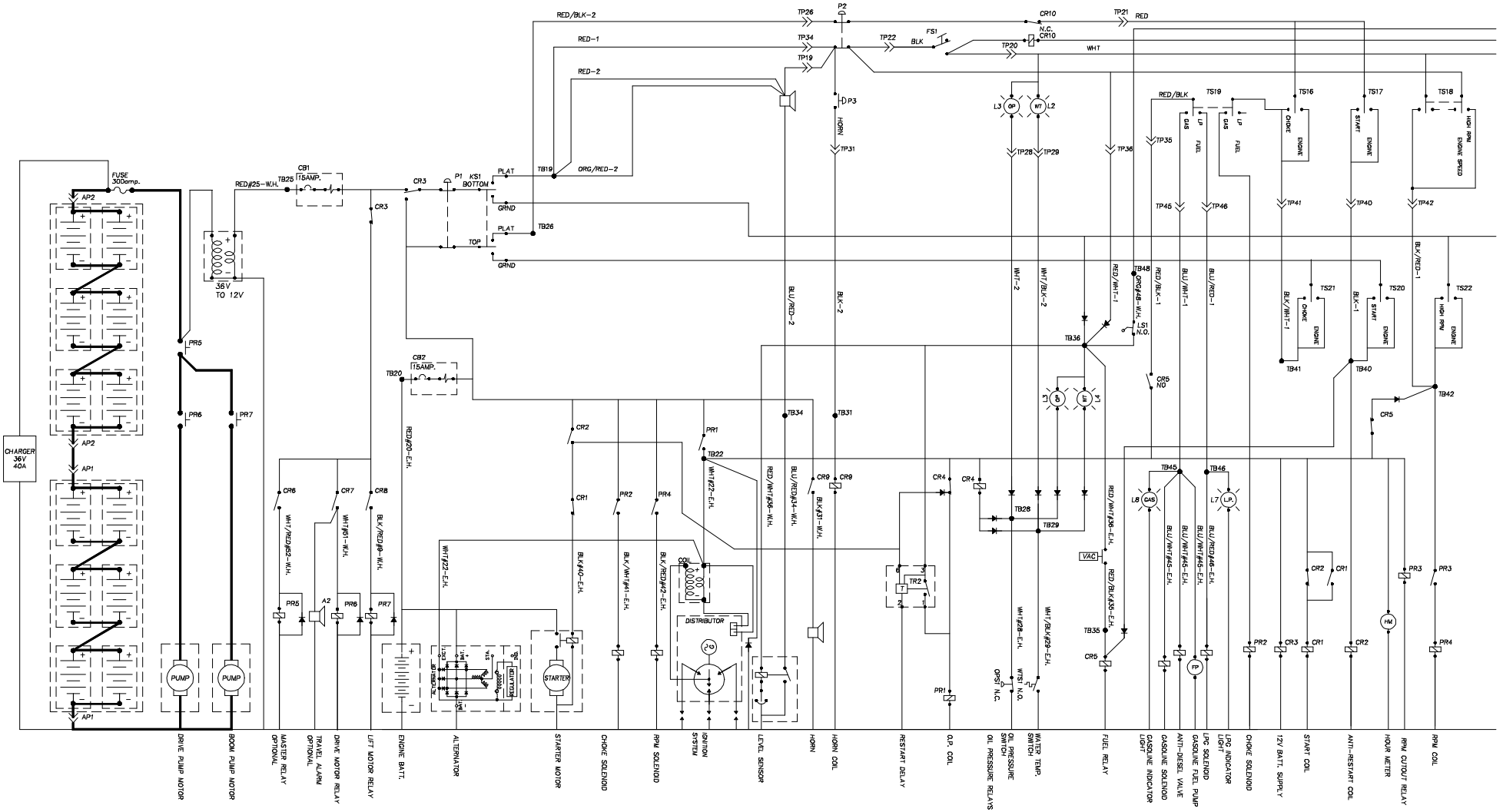
Z45/22 GPE
HYDRAULIC SCHEMATIC



DWG. #HS30-11 A

Z45-22 Tri-Fuel Index

Z45/22 MP TRI-FUEL
ELECTRICAL SCHEMATIC
WITH CR6, CR7 & CR8 CONTROL RELAYS

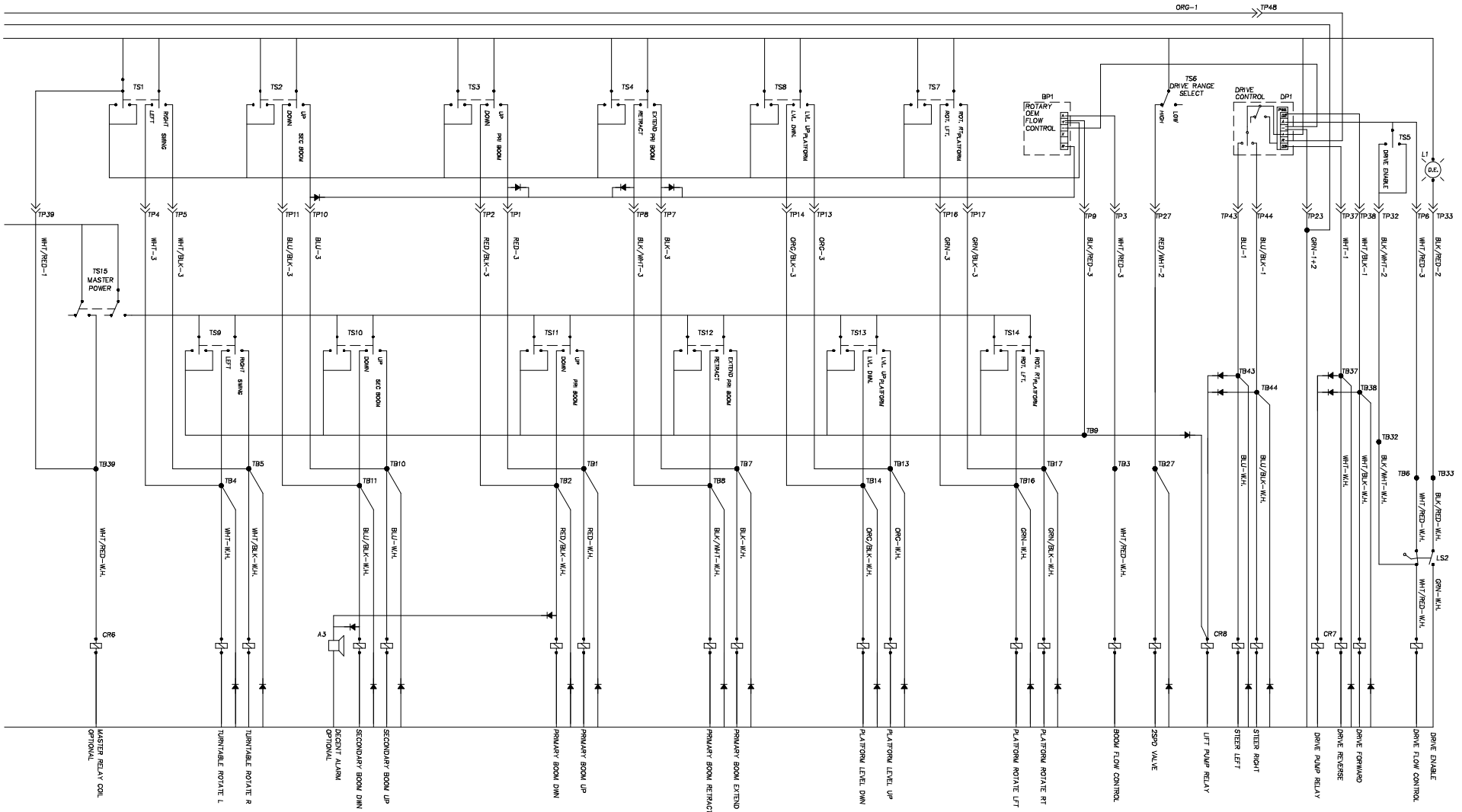


p. Z12-03A

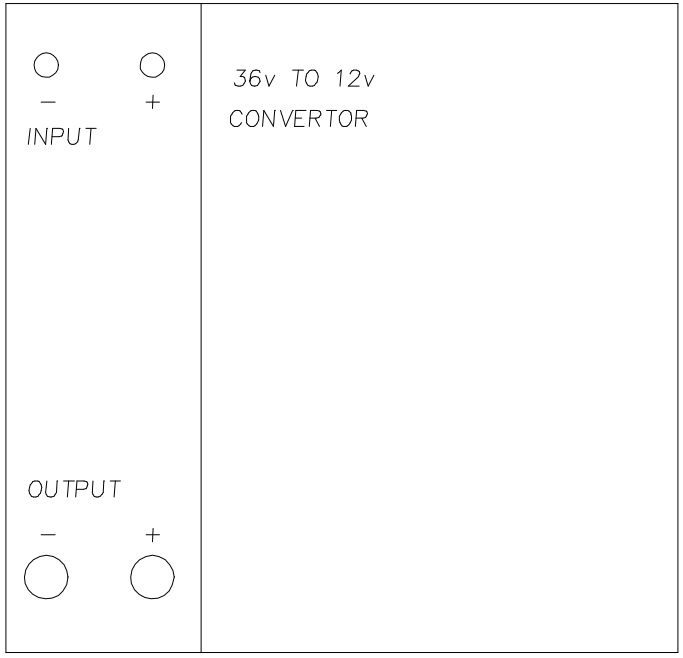
DWG. #ES45TR-1 A

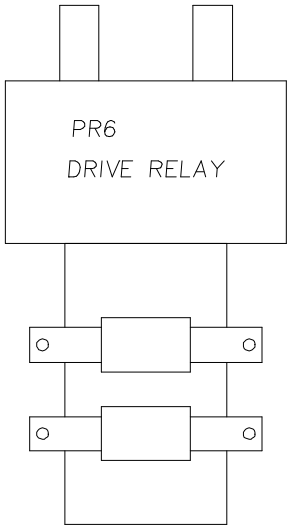
Z45-22 Tri-Fuel Index

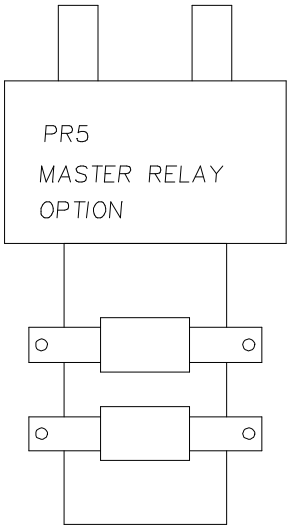
Z45/22 MP TRI-FUEL
ELECTRICAL SCHEMATIC (cont'd)
WITH CR6, CR7 & CR8 CONTROL RELAYS

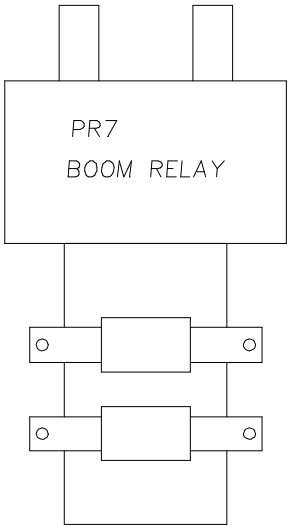


Z45/22 MP TRI-FUEL
RELAY PANEL LEGEND





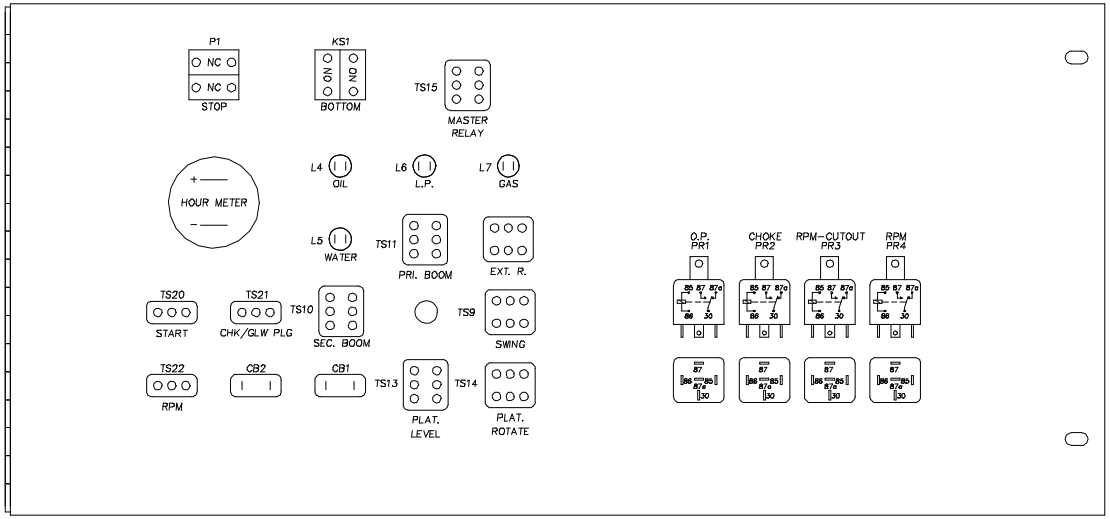


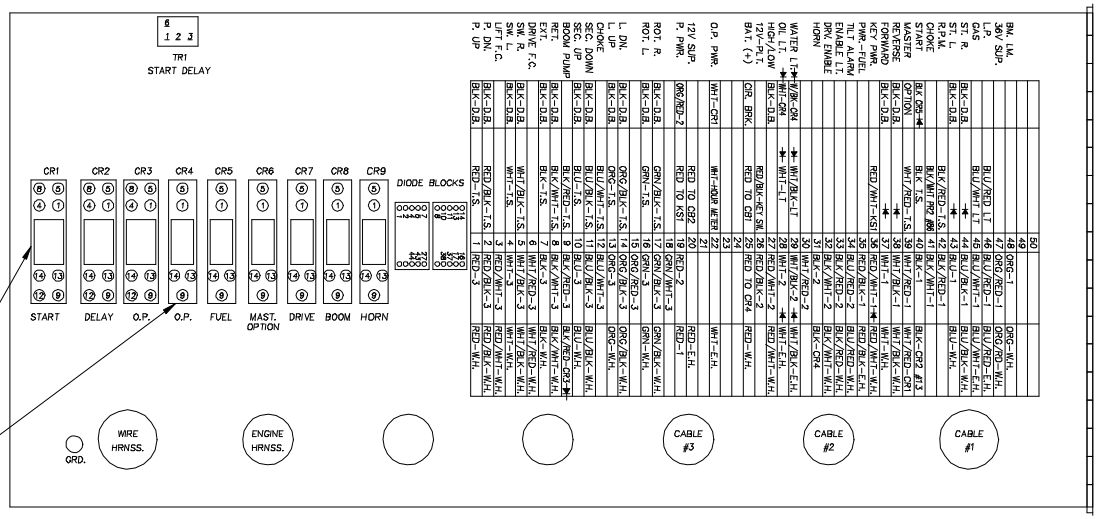


DWG. #ES45TR-6 A

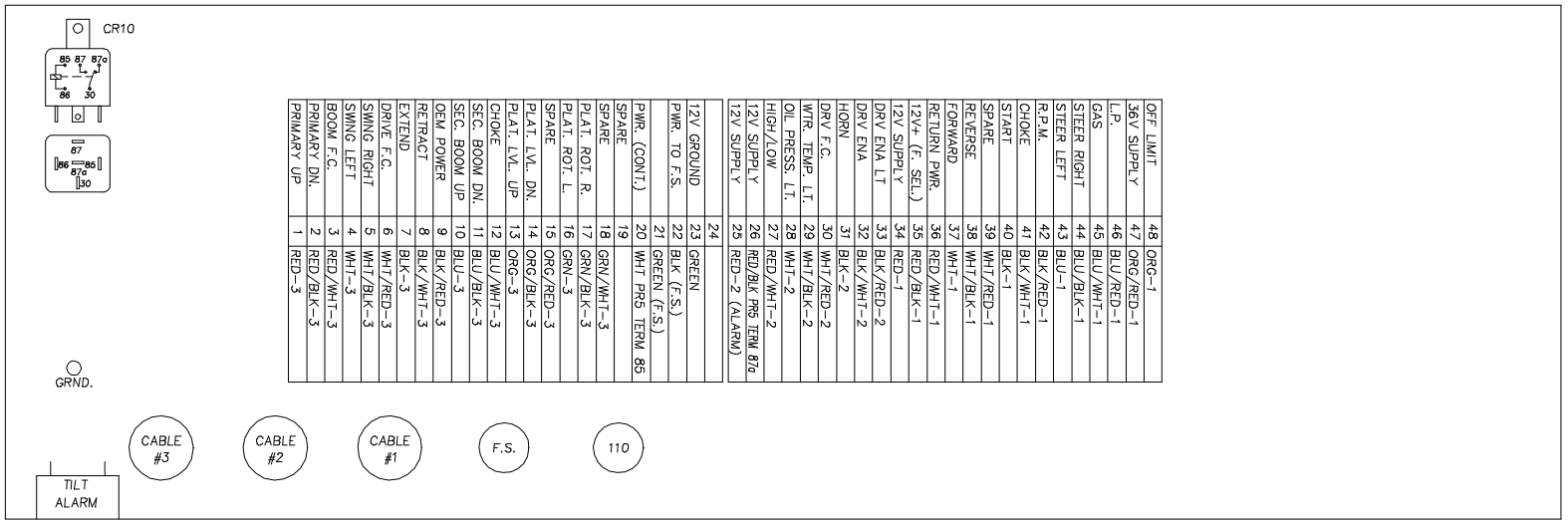
Z45-22 Tri-Fuel Index

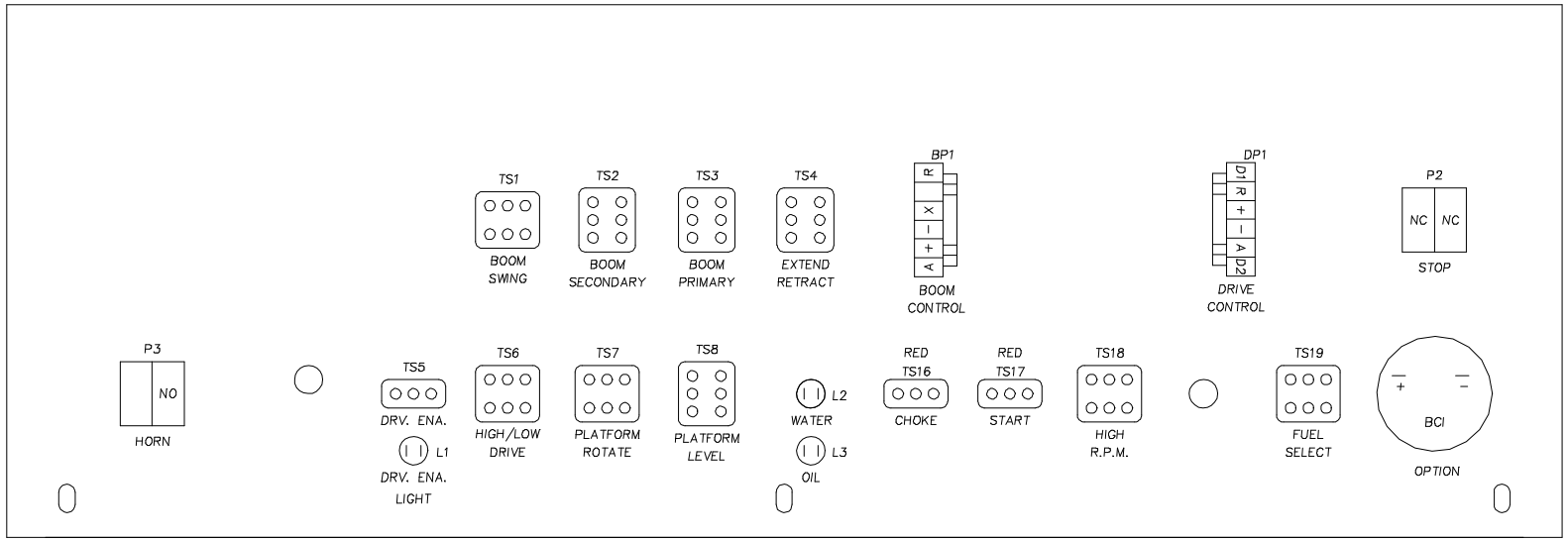
Z45/22 MP TRI-FUEL
GROUND CONTROL BOX LEGEND





Z45/22 MP TRI-FUEL
PLATFORM CONTROL BOX LEGEND

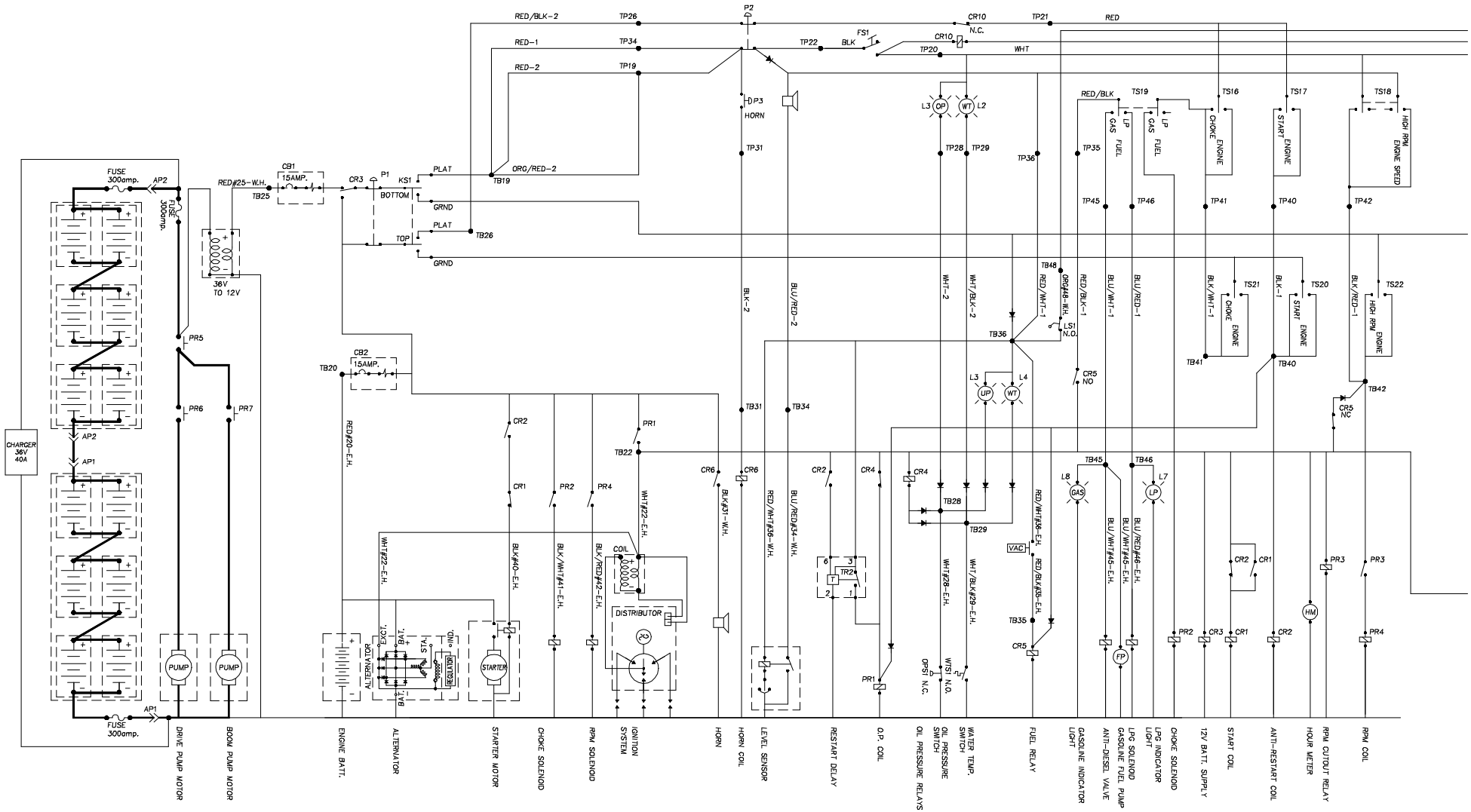




DWG. #ES45TR-2 -3 A

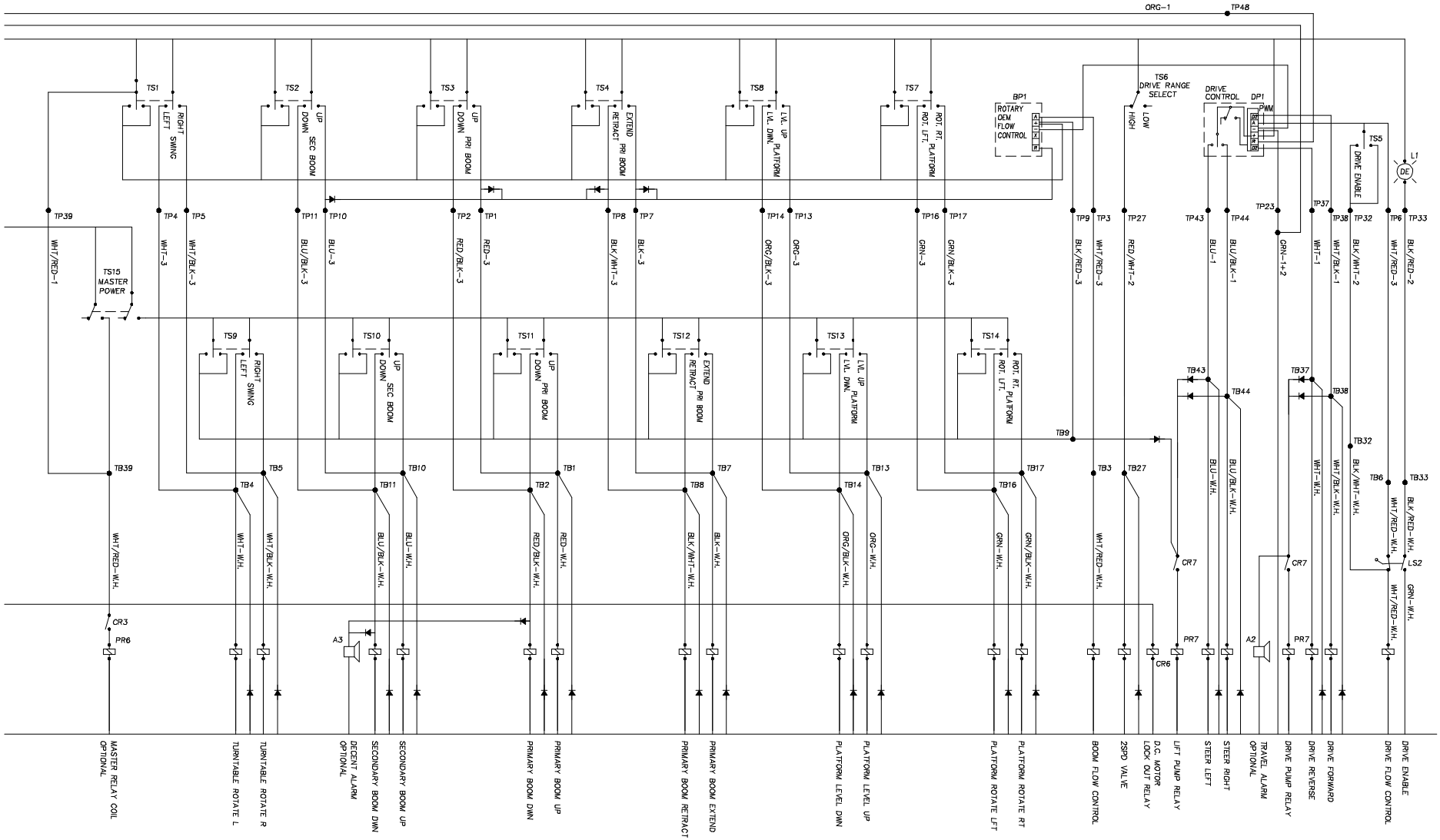
Z45-22 Tri-Fuel Index

Z45/22 MP TRI-FUEL
ELECTRICAL SCHEMATIC
WITHOUT CR6, CR7 & CR8 CONTROL RELAYS

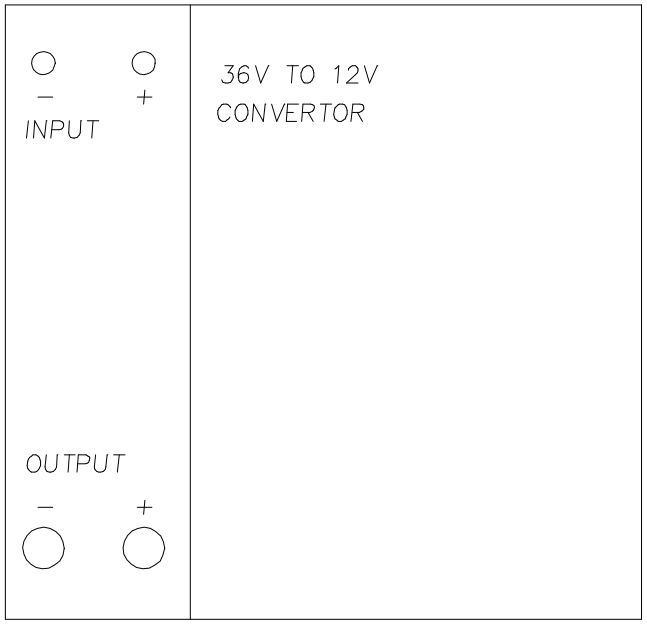


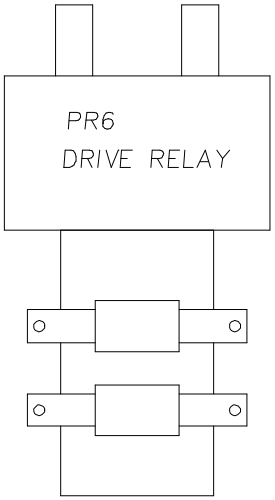
Z45-22 Tri-Fuel Index

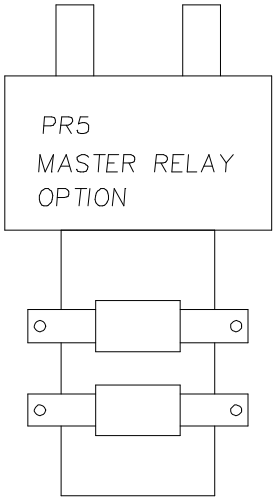
Z45/22 MP TRI-FUEL
ELECTRICAL SCHEMATIC (cont'd)
WITHOUT CR6, CR7 & CR8 CONTROL RELAYS

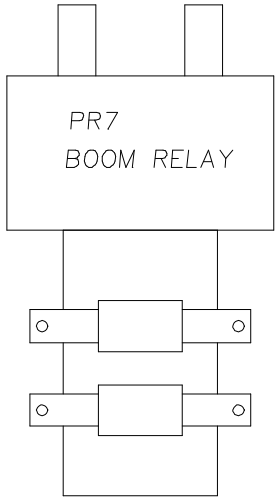


Z45/22 MP TRI-FUEL
RELAY PANEL LEGEND





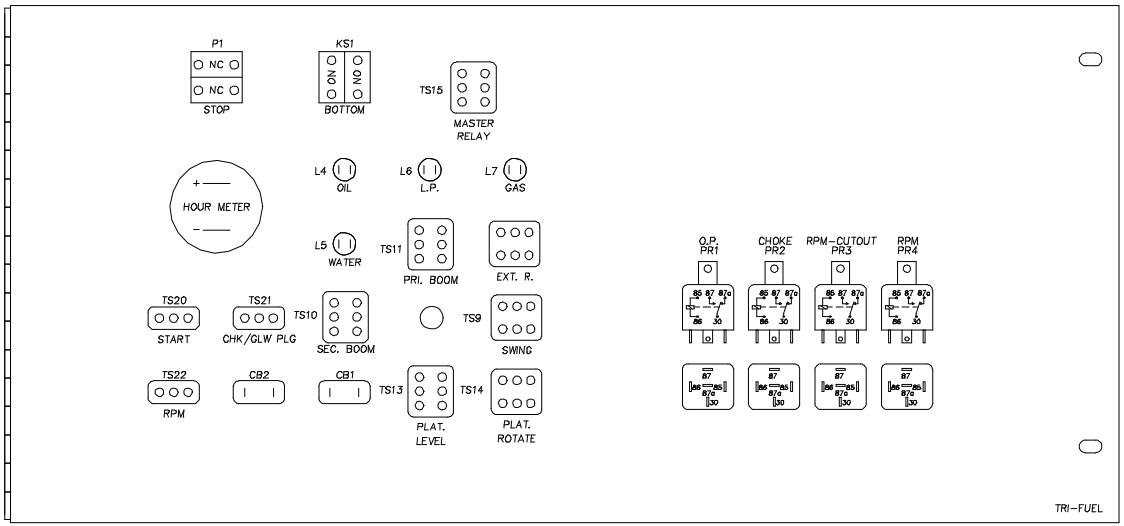


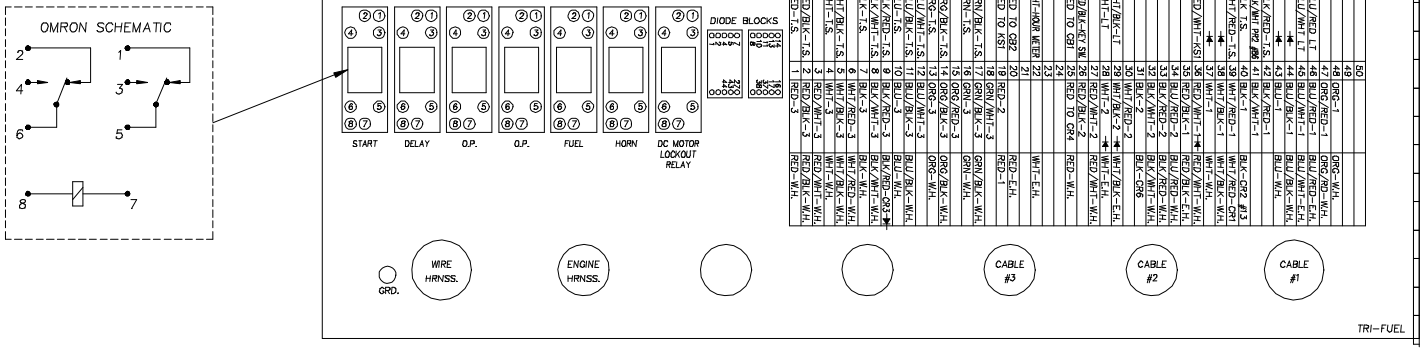


DWG. #ES45TR5 D

Z45-22 Tri-Fuel Index

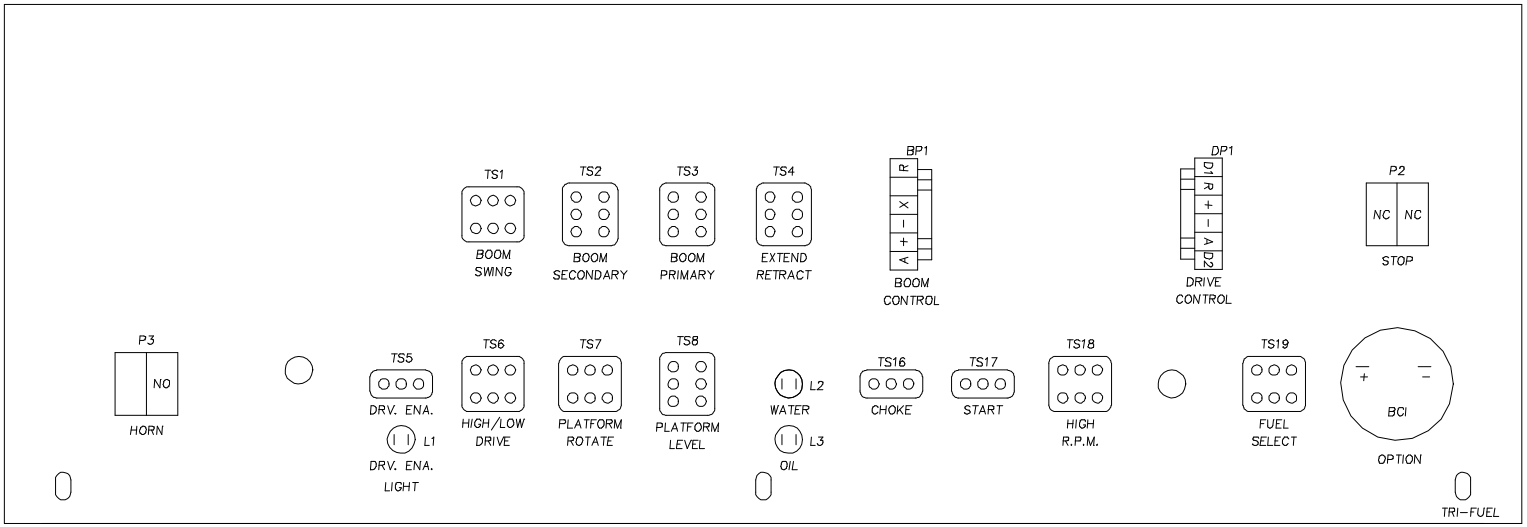
Z45/22 MP TRI-FUEL
GROUND CONTROL BOX LEGEND

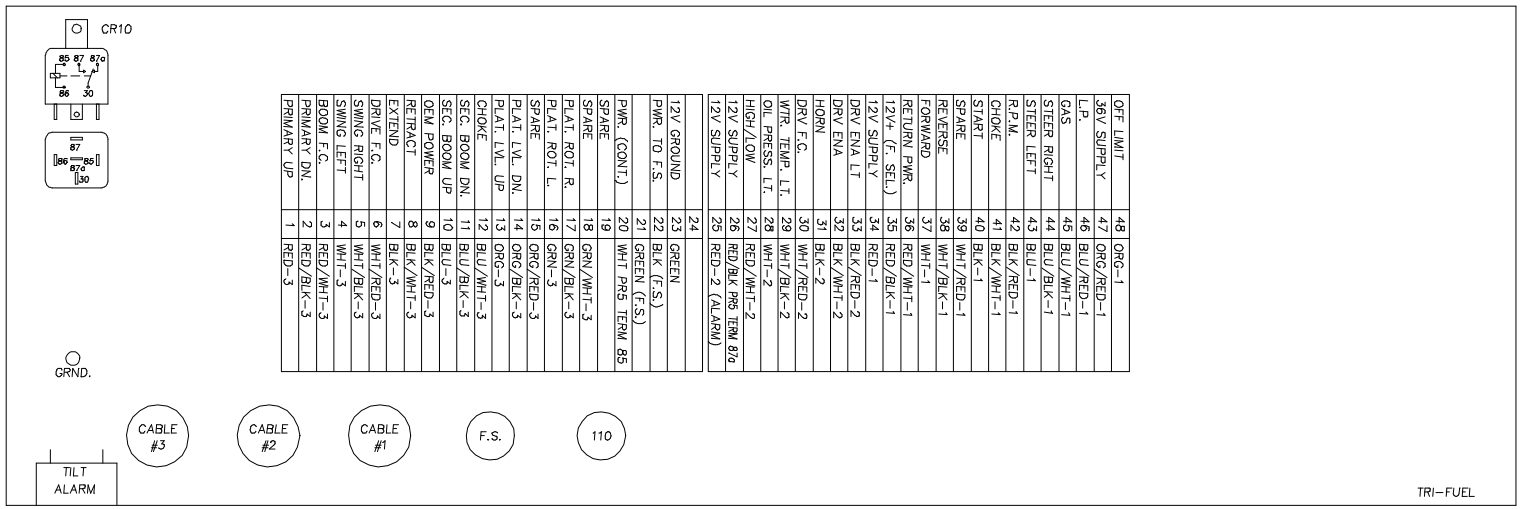




DWG. #ES45TR4 D

Z45/22 MP TRI-FUEL
PLATFORM CONTROL BOX LEGEND





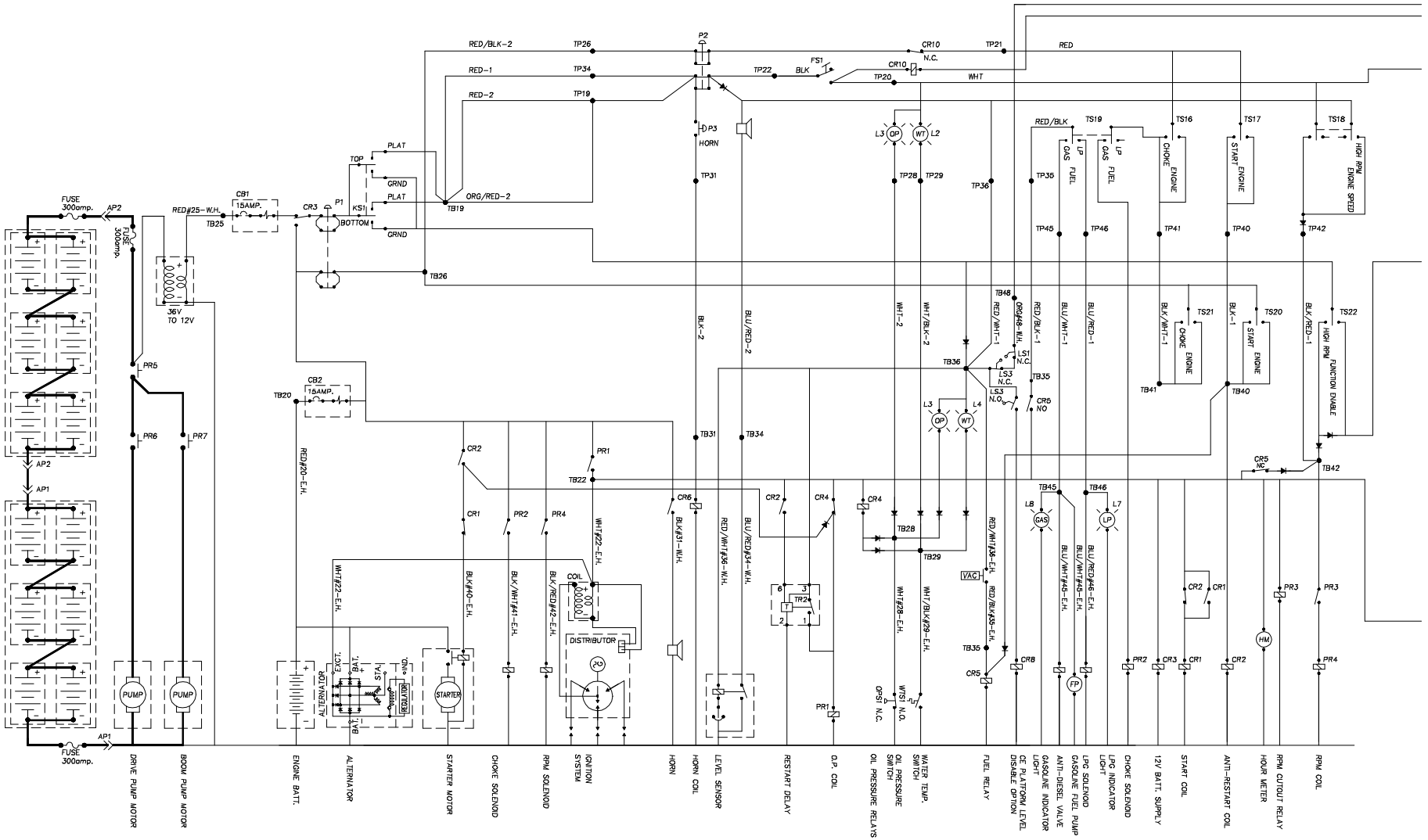
PRIMARY UP	RED-3	1
PRIMARY DN.	RED/BLK-3	2
BOOM F.C.	RED/WHT-3	3
SWING LEFT	WHT-3	4
SWING RIGHT	WHT/BLK-3	5
DRIVE F.C.	WHT/RED-3	6
EXTEND	BLK-3	7
RETRACT	BLK/WHT-3	8
OEM POWER	BLK/RED-3	9
SEC. BOOM UP	BLU-3	10
SEC. BOOM DN.	BLU/BLK-3	11
CHOKE	BLU/WHT-3	12
PLAT. LVL. UP	ORG-3	13
PLAT. LVL. DN.	ORG/BLK-3	14
SPARE	ORG/RED-3	15
PLAT. ROT. L.	GRN-3	16
PLAT. ROT. R.	GRN/BLK-3	17
SPARE	GRN/WHT-3	18
SPARE		19
PWR. (CONT.)	WHT PRS TERM. 85	20
PWR. TO F.S.	GREEN (F.S.)	21
12V GROUND	BLK (F.S.)	22
	GREEN	23
		24

12V SUPPLY	RED-2 (ALARM)	25
12V SUPPLY	RED/BLK PRS TERM. 87a	26
HIGH/LOW	RED/WHT-2	27
OIL PRESS. LT.	WHT-2	28
WTR. TEMP. LT.	WHT/BLK-2	29
DRV. F.C.	WHT/RED-2	30
HORN	BLK-2	31
DRV ENA	BLK/WHT-2	32
DRV ENA LT	BLK/RED-2	33
12V SUPPLY	RED-1	34
12V+ (F. SEL.)	RED/BLK-1	35
RETURN PWR. FORWARD	RED/WHT-1	36
REVERSE	WHT-1	37
SPARE	WHT/BLK-1	38
START	WHT/RED-1	39
CHOKE	BLK-1	40
R.P.M.	BLK/WHT-1	41
STEER LEFT	BLK/RED-1	42
STEER RIGHT	BLU-1	43
GAS	BLU/BLK-1	44
L.P.	BLU/WHT-1	45
36V SUPPLY	BLU/RED-1	46
OFF LIMIT	ORG/RED-1	47
	ORG-1	48

DWG. #ES45TR3 D

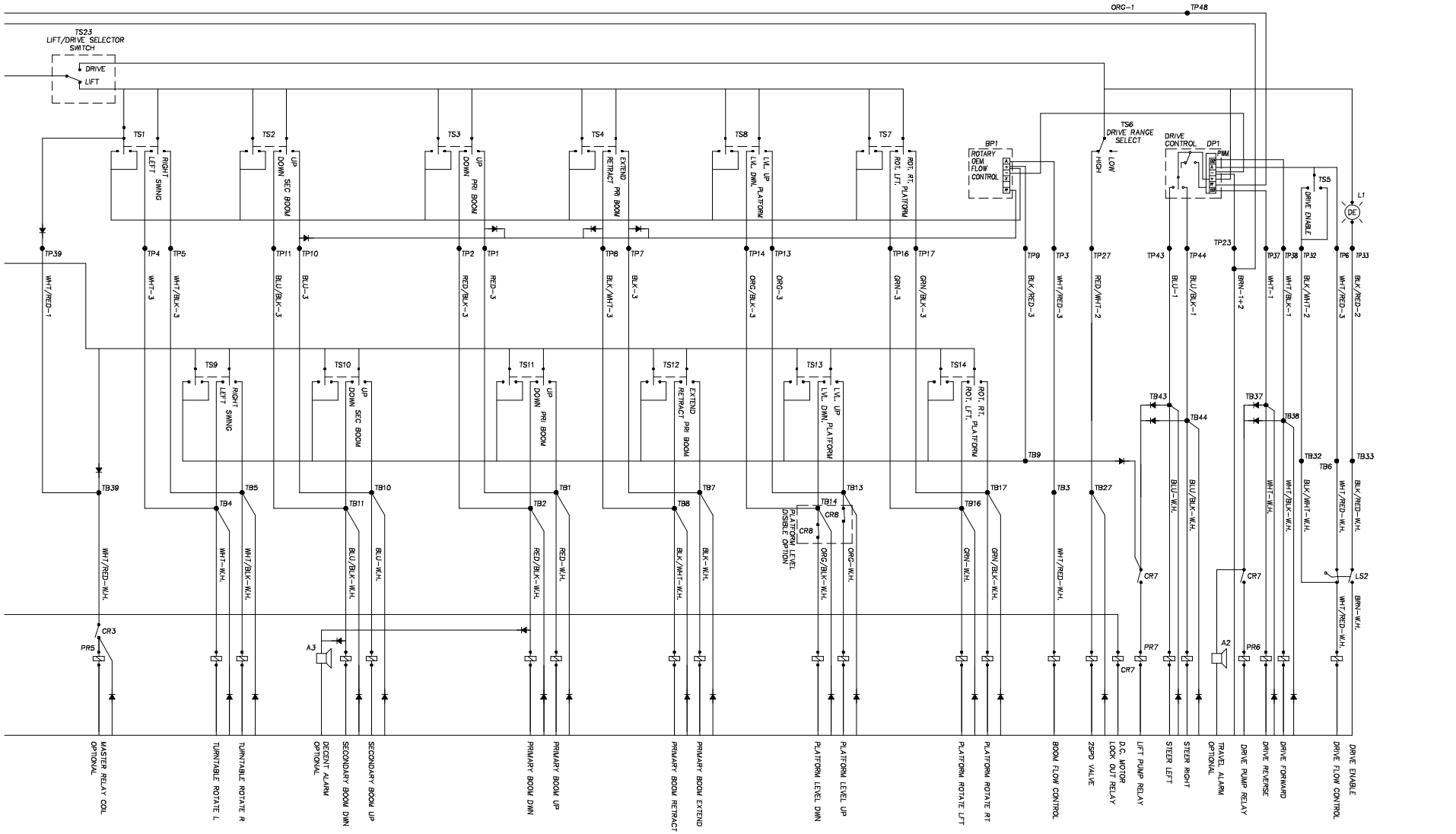
Z45-22 Tri-Fuel Index

Z45/22 MP TRI-FUEL
ELECTRICAL SCHEMATIC
WITH FUNCTION ENABLE



DWG. #ES45TR1F

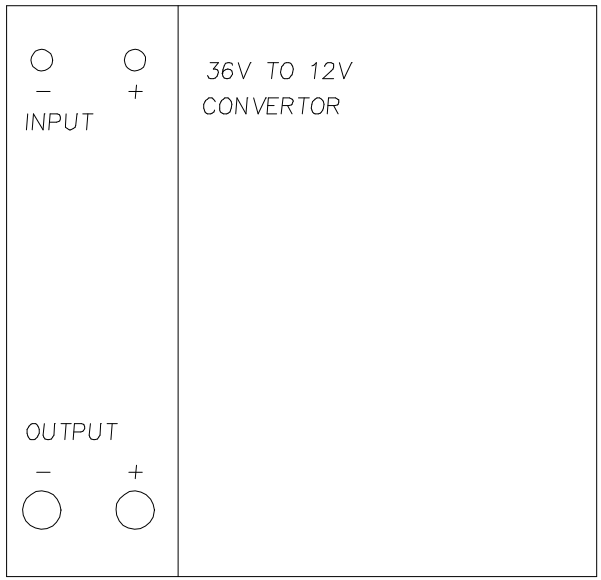
Z45-22 Tri-Fuel Index

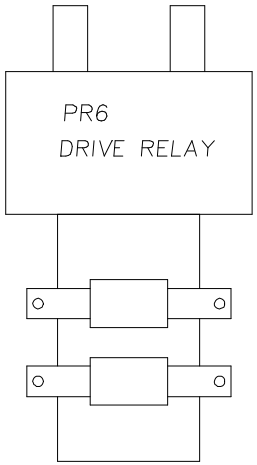


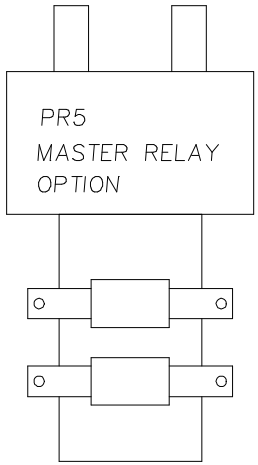
DWG. #ES45FR2F

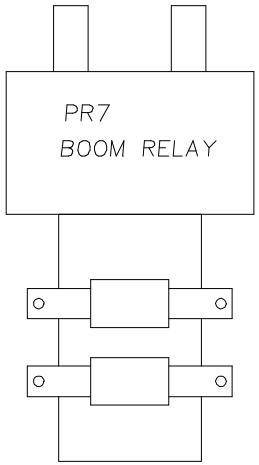
p. Z12-11B

Z45/22 MP TRI-FUEL
RELAY PANEL LEGEND
WITH FUNCTION ENABLE





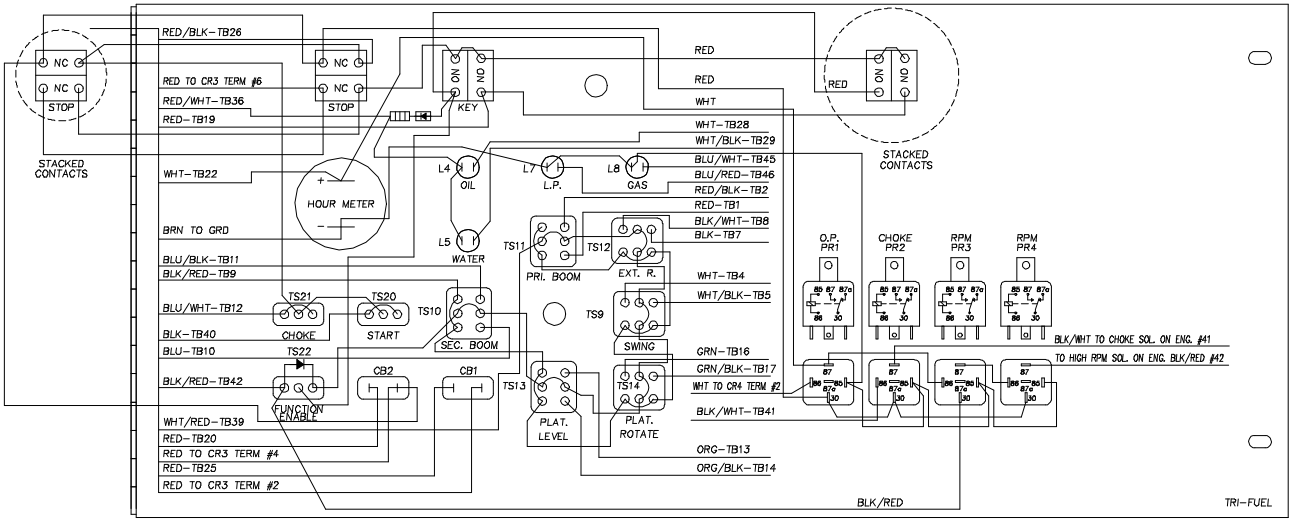


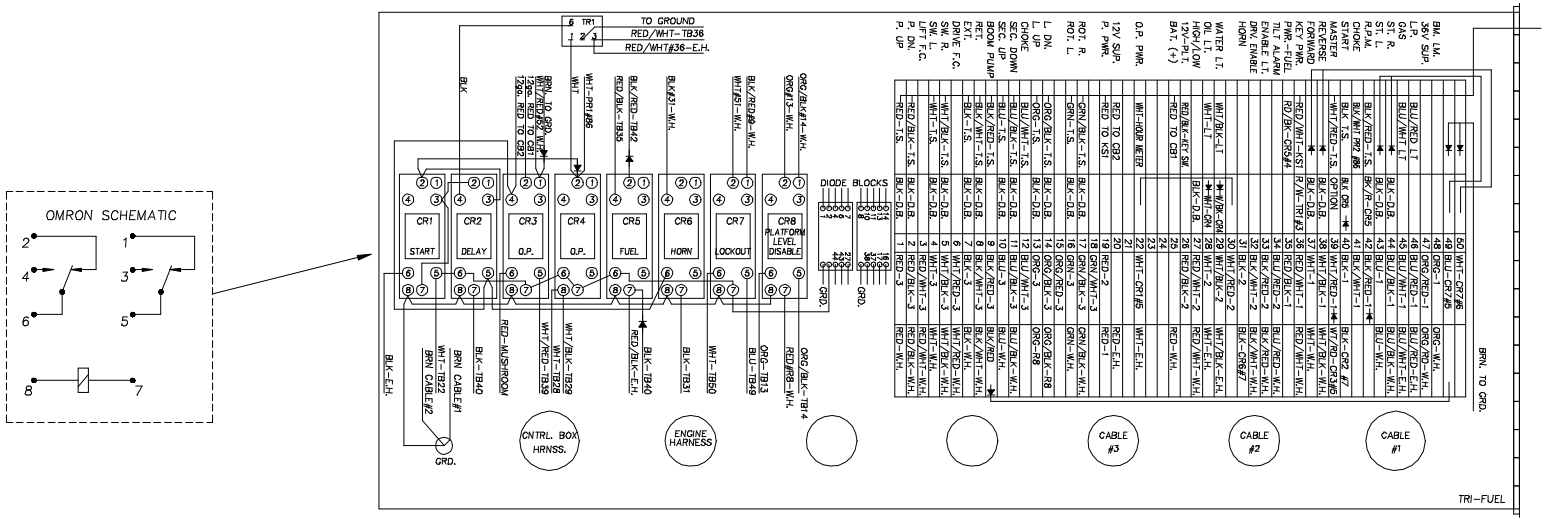


DWG. #ES45TR5F

Z45-22 Tri-Fuel Index

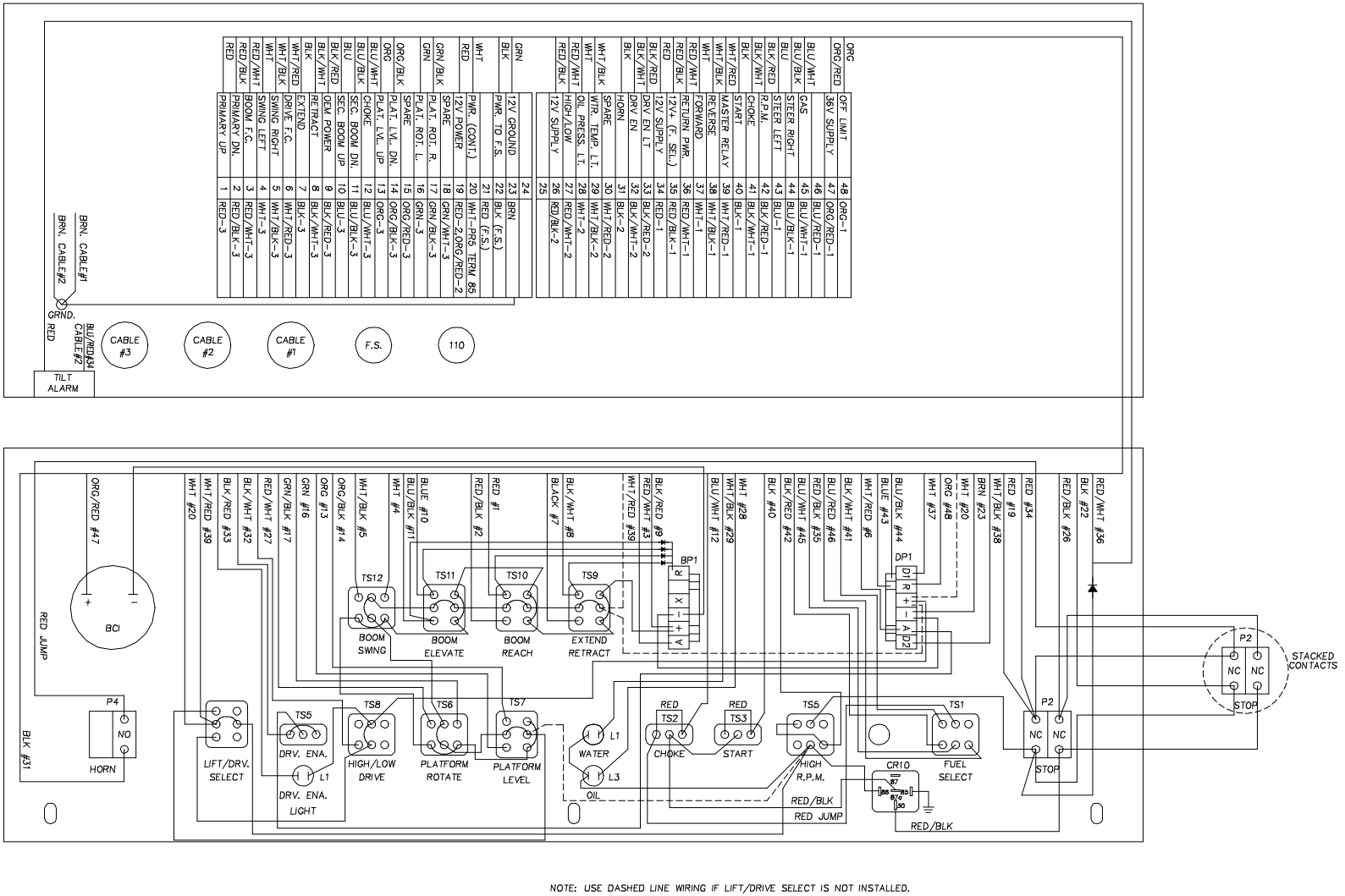
Z45/22 TRI-FUEL
ELECTRICAL SCHEMATIC
GROUND CONTROL BOX LEGEND
WITH FUNCTION ENABLE





Z45-22 Tri-Fuel Index

Z45/22 TRI-FUEL
ELECTRICAL SCHEMATIC
PLATFORM CONTROL BOX LEGEND WITH FUNCTION ENABLE

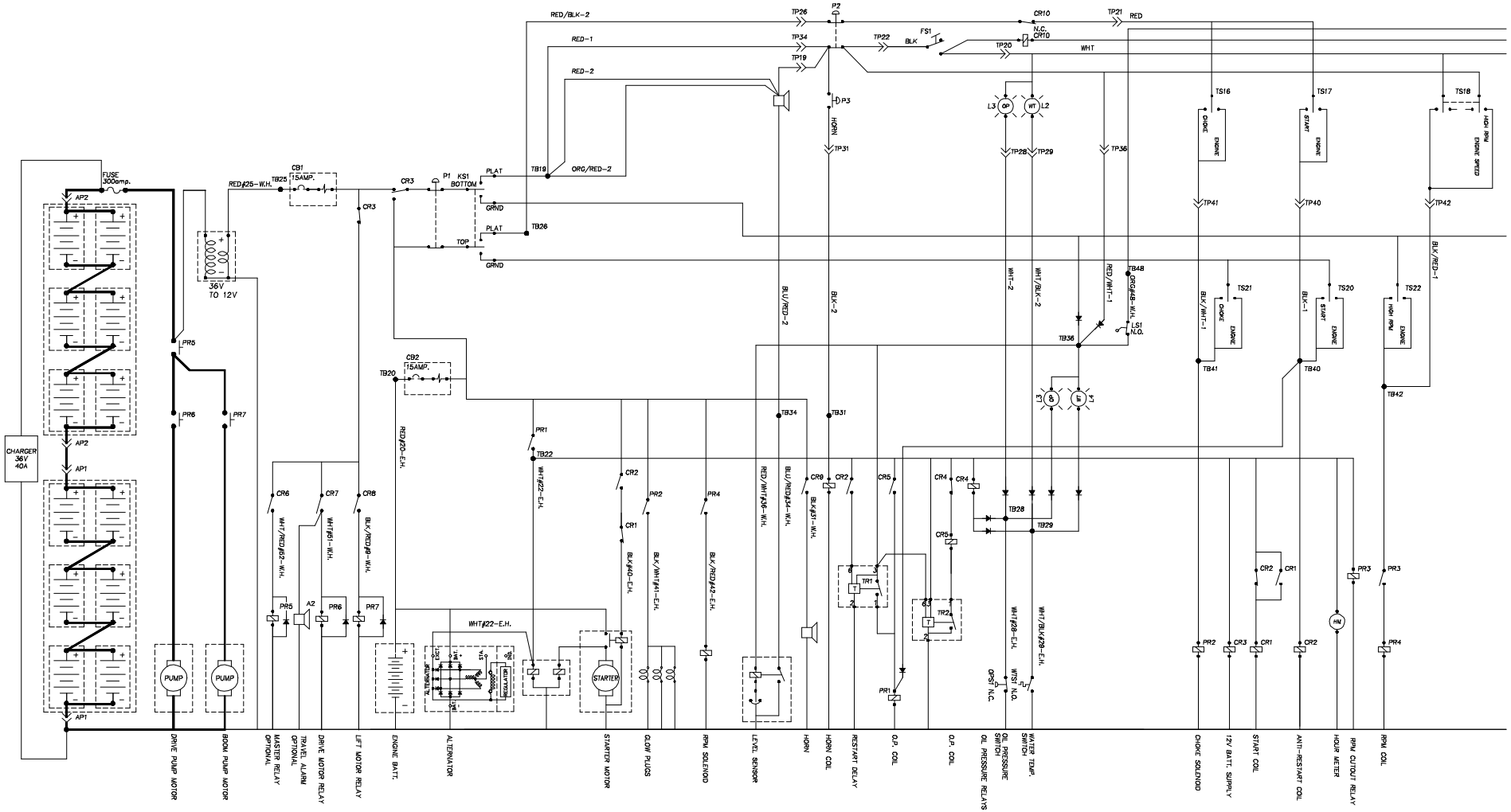


NOTE: USE DASHED LINE WIRING IF LIFT/DRIVE SELECT IS NOT INSTALLED.

DWG. # ES45TRAC

Z45-22 Tri-Fuel Index

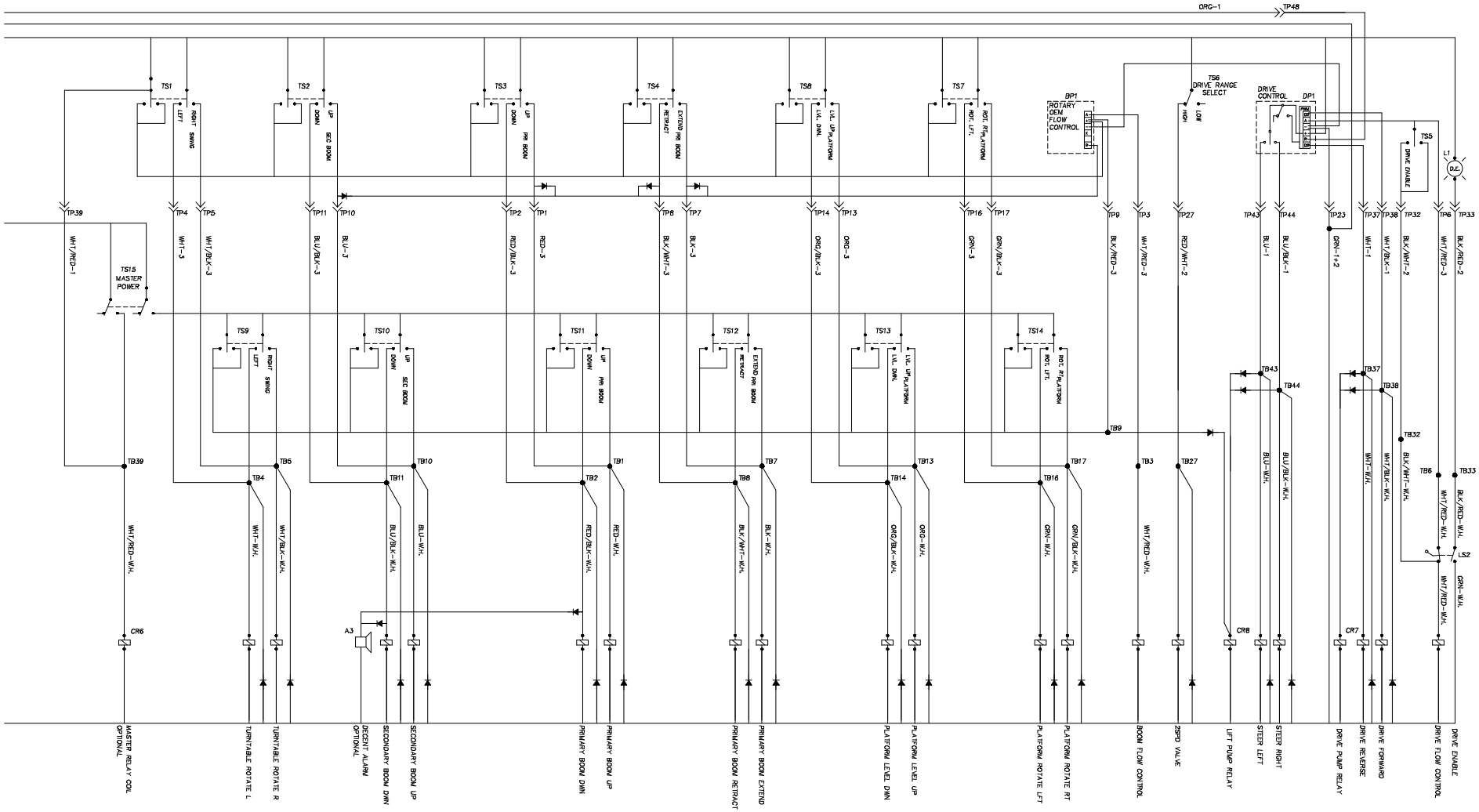
Z45/22 MP BI-FUEL
ELECTRICAL SCHEMATIC
WITH CR6, CR7 & CR8 CONTROL RELAYS



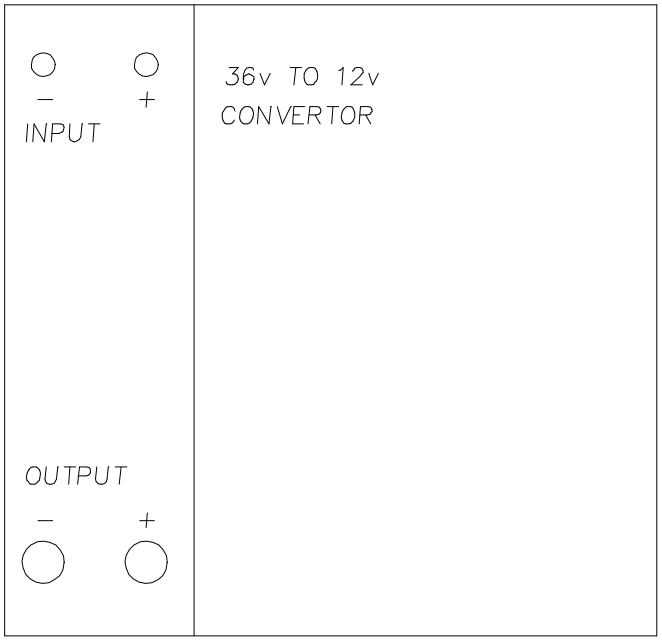
DWG. #ES45BI-1

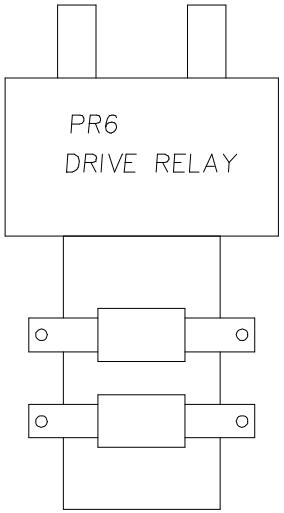
Z45-22 Tri-Fuel Index

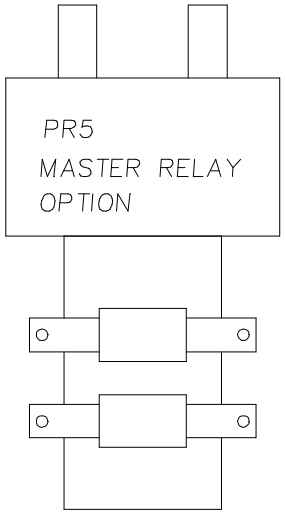
Z45/22 MP BI-FUEL
ELECTRICAL SCHEMATIC (cont'd)
WITH CR6, CR7 & CR8 CONTROL RELAYS

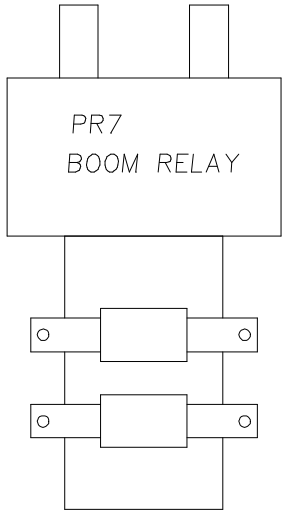


Z45/22 MP BI-FUEL
RELAY PANEL LEGEND





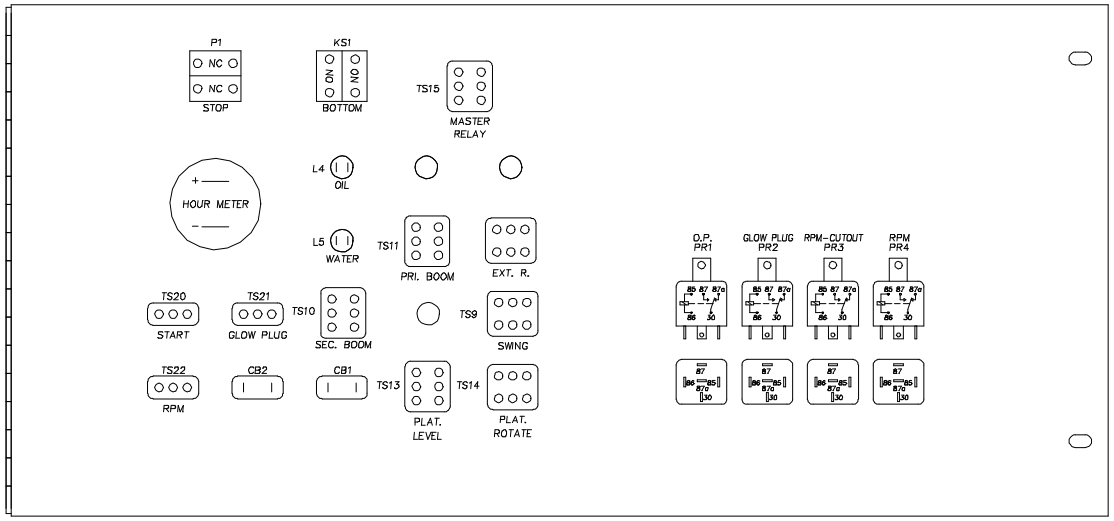


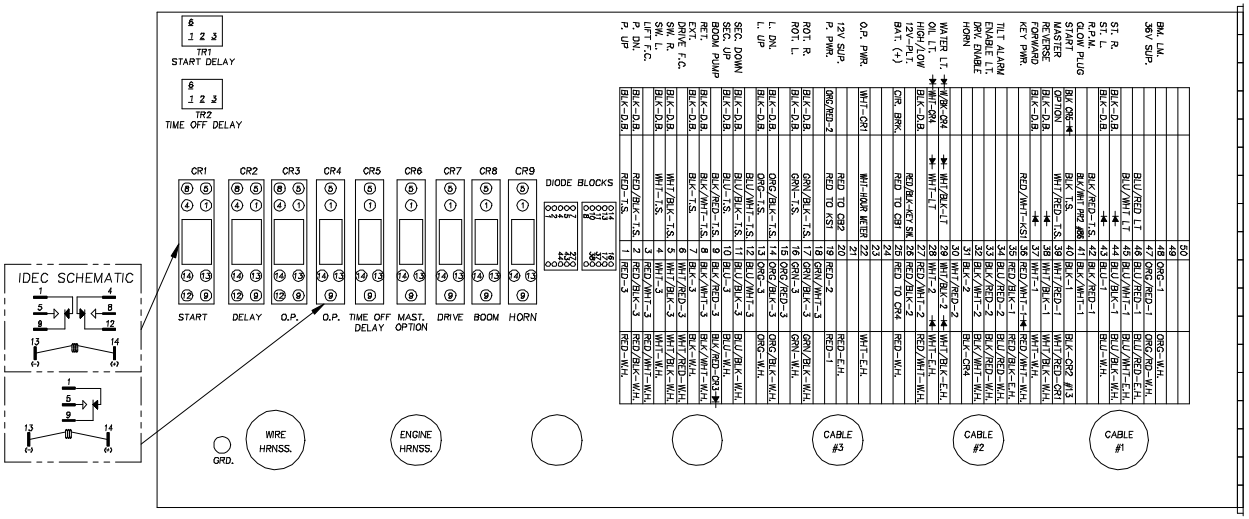


DWG. #ES45BI-4

Z45-22 Tri-Fuel Index

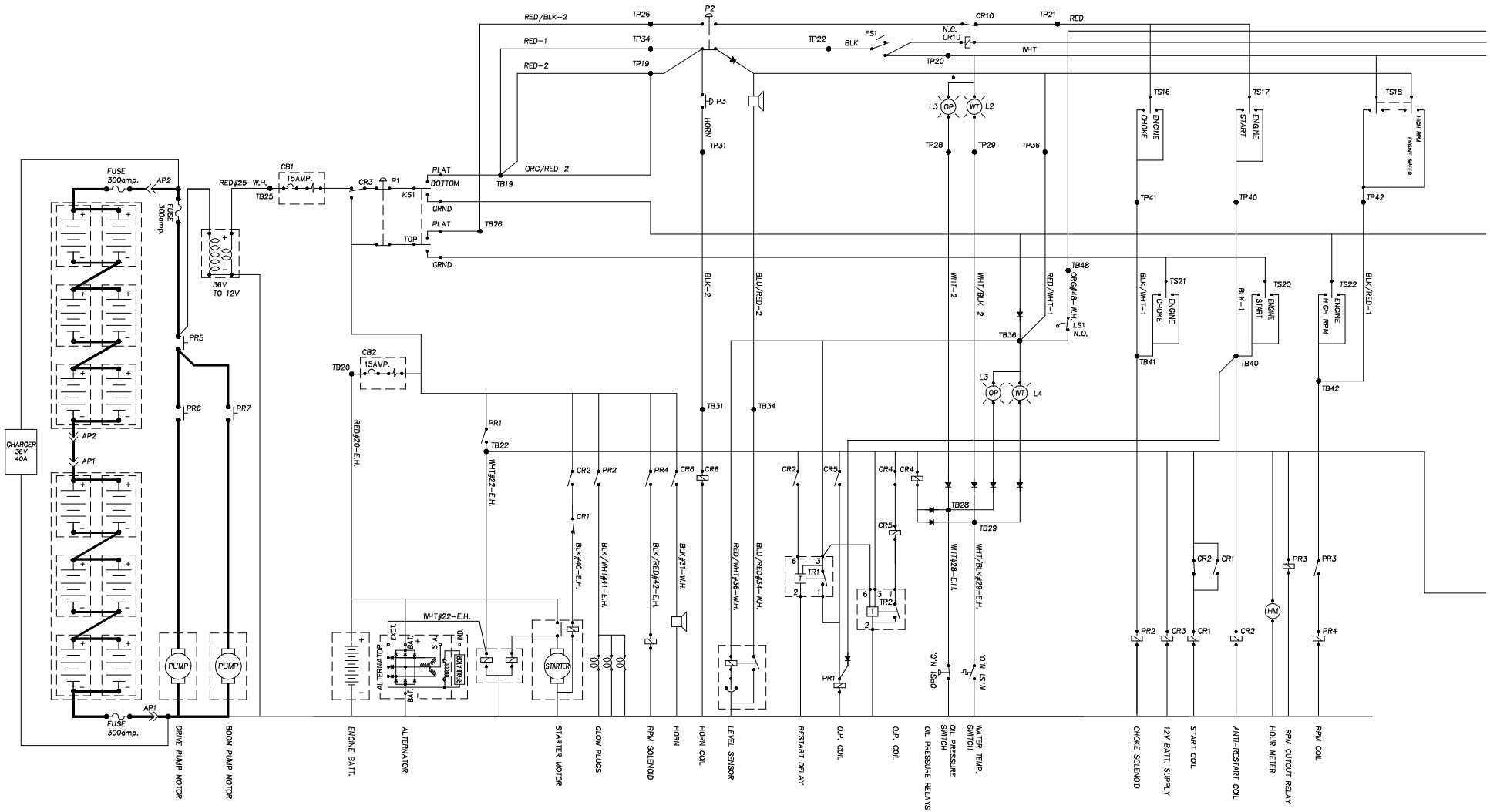
Z45/22 MP BI-FUEL
GROUND CONTROL BOX LEGEND





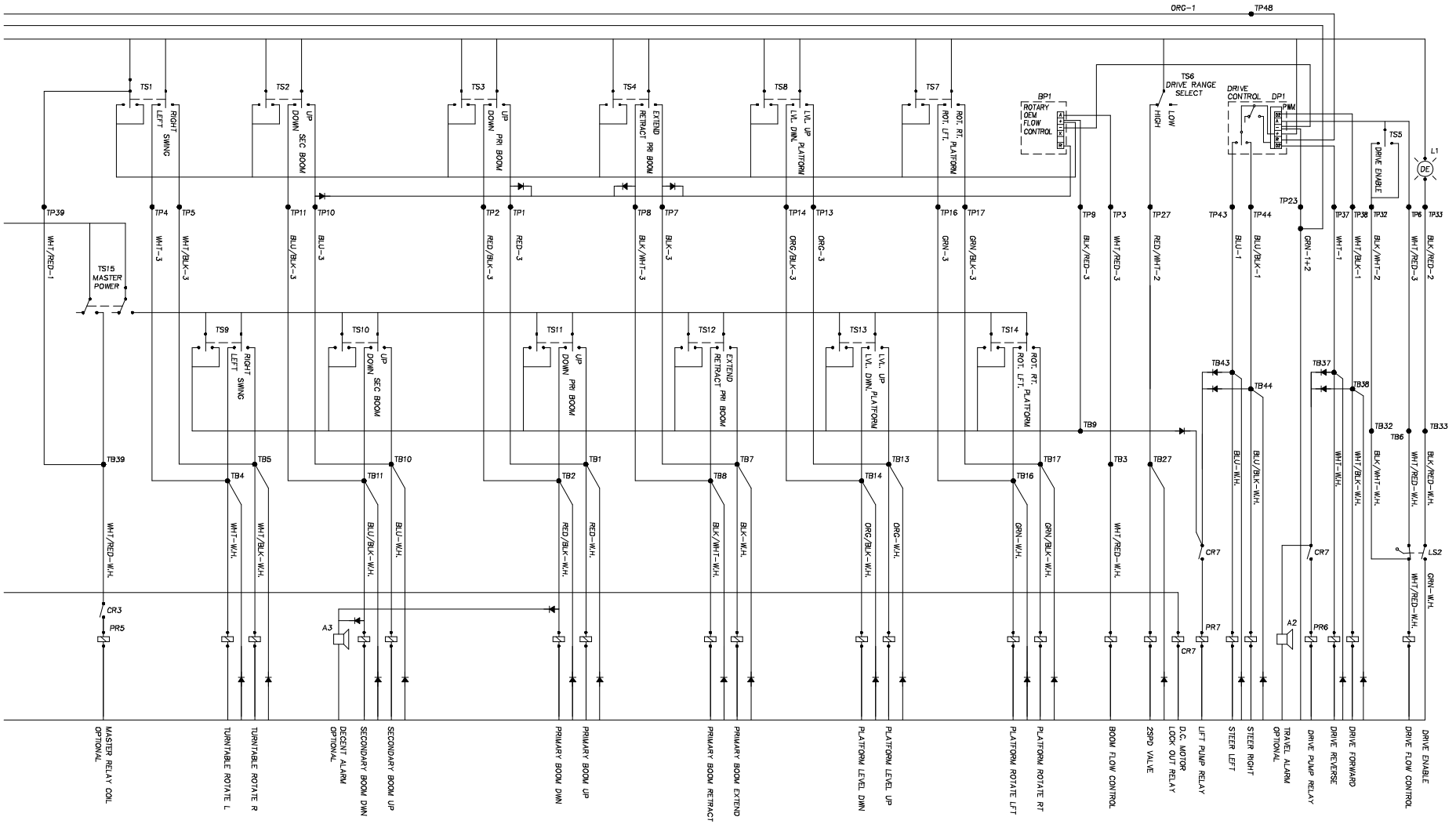
Z45-22 Tri-Fuel Index

Z45/22 MP BI-FUEL
ELECTRICAL SCHEMATIC
WITHOUT CR6, CR7 & CR8 CONTROL RELAYS



Z45-22 Tri-Fuel Index

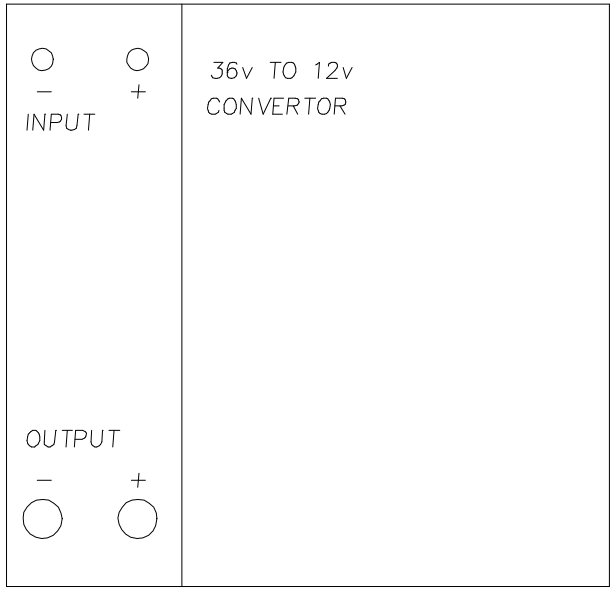
Z45/22 MP BI-FUEL
ELECTRICAL SCHEMATIC (cont'd)
WITHOUT CR6, CR7 & CR8 CONTROL RELAYS

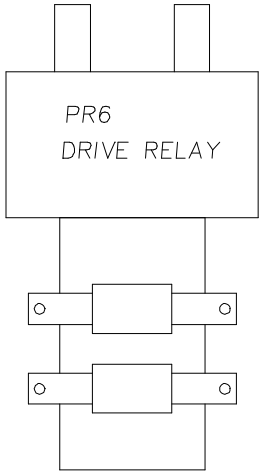


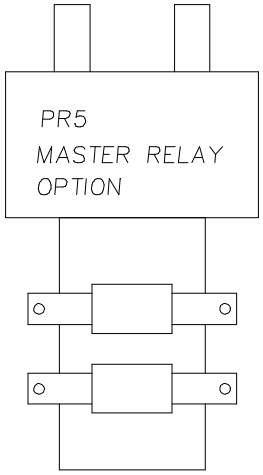
DWG. #ES45BI2 D

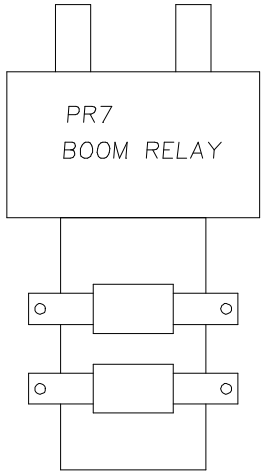
p. Z12-18B

Z45/22 MP BI-FUEL
RELAY PANEL LEGEND



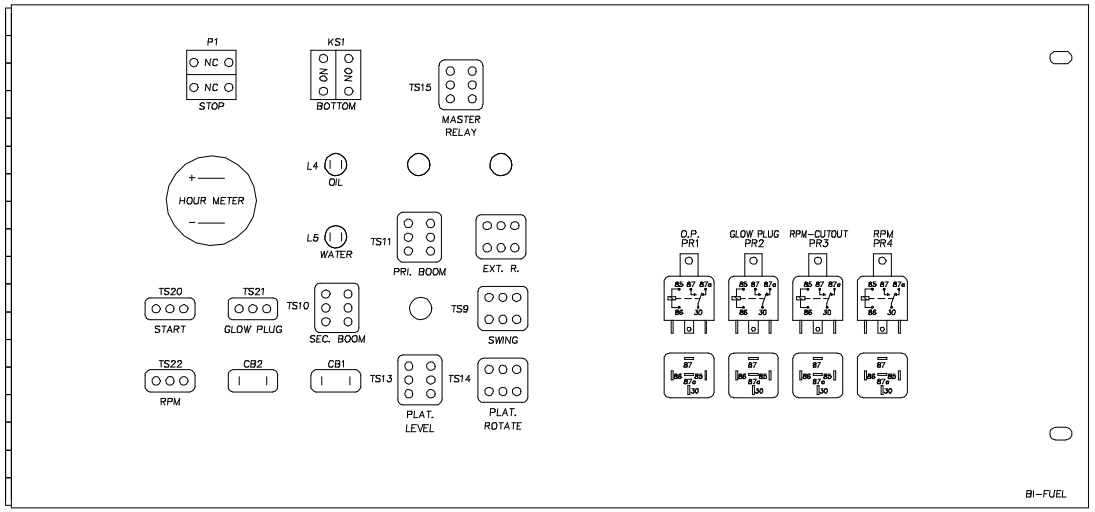


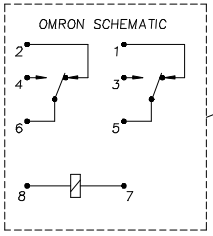


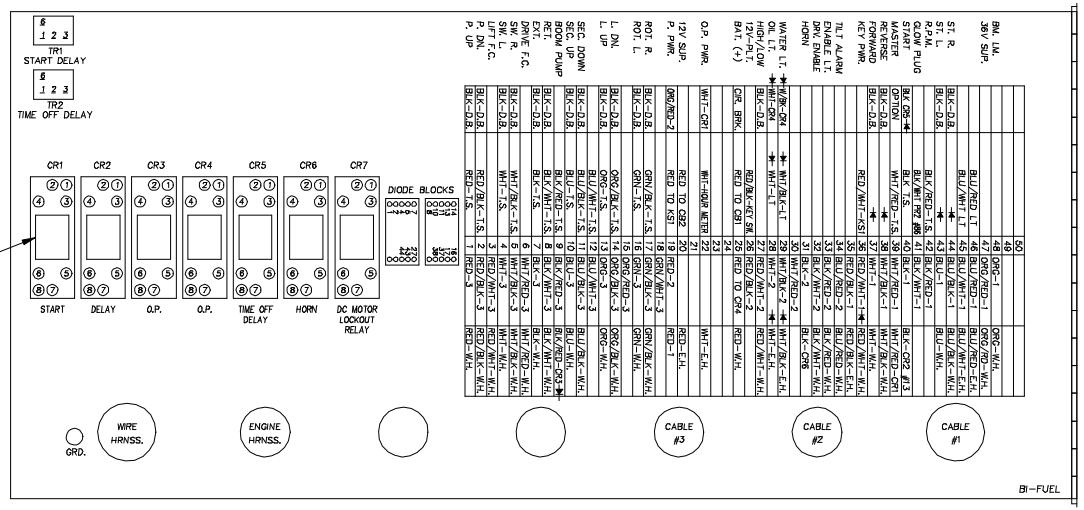


DWG. #ES45BI5 D

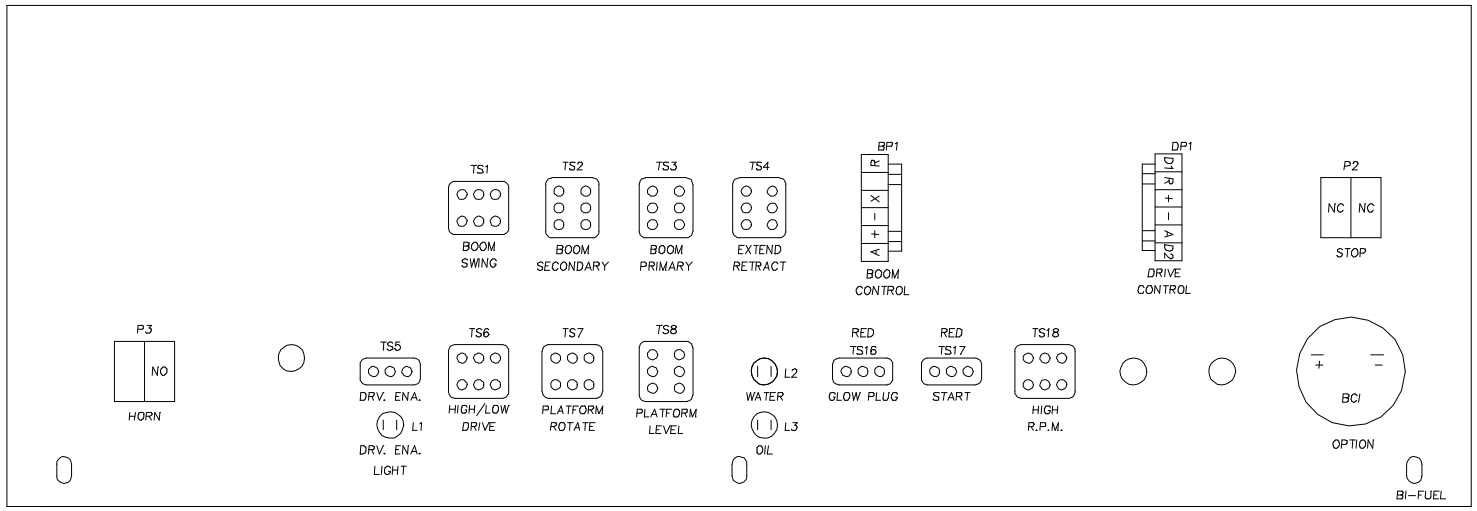
Z45/22 MP BI-FUEL
GROUND CONTROL BOX LEGEND

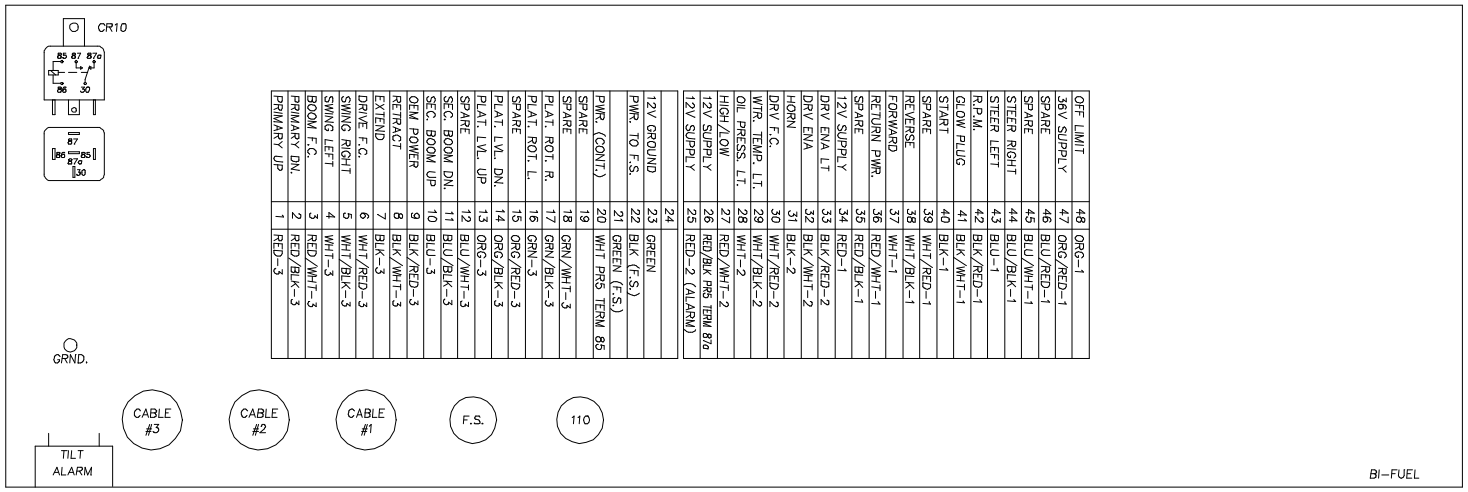






Z45/22 MP BI-FUEL
PLATFORM CONTROL BOX LEGEND





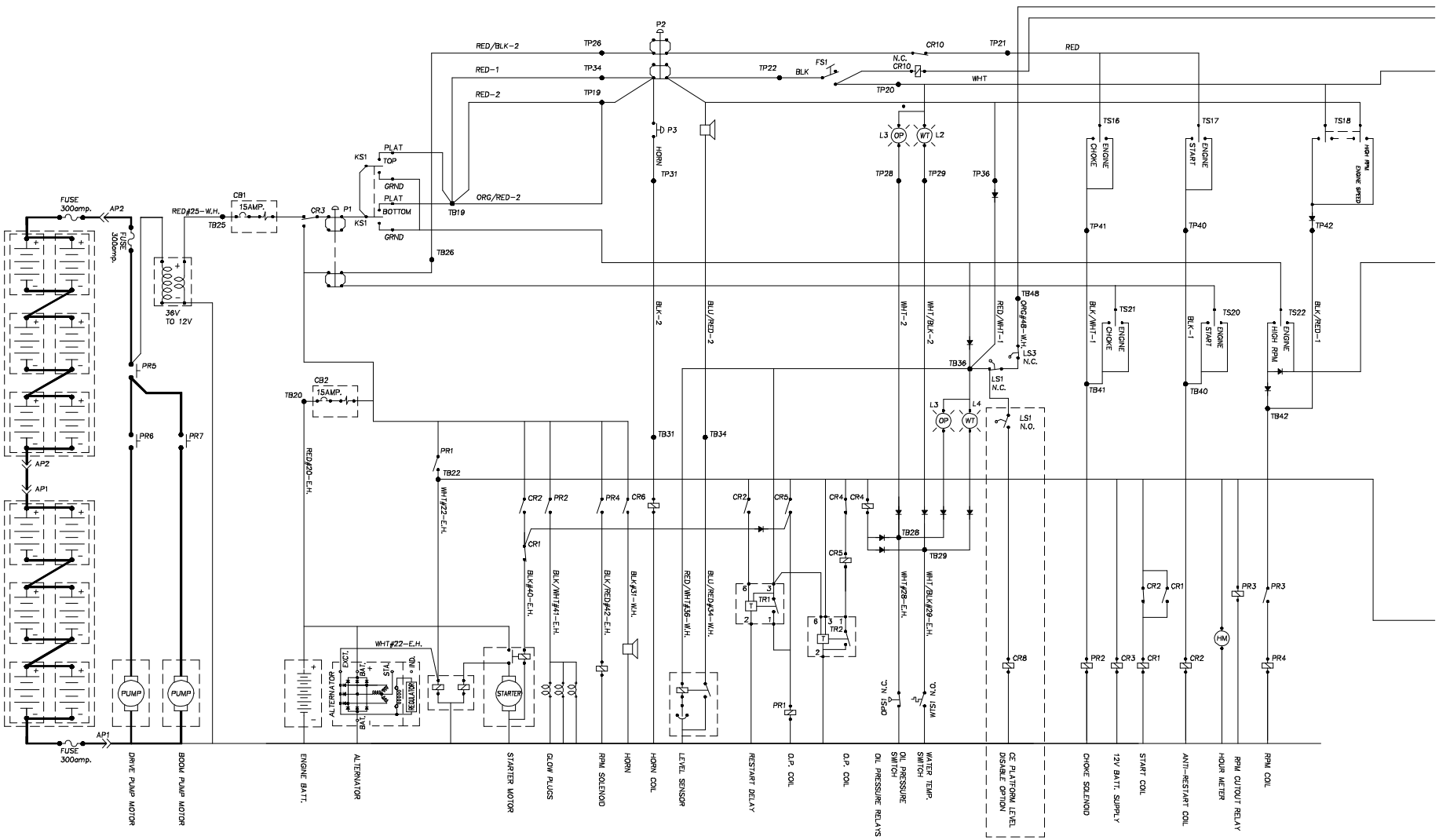
PRIMARY UP	1	RED-3
PRIMARY DN.	2	RED/BLK-3
BOOM F.C.	3	RED/WHT-3
SWING LEFT	4	WHT-3
SWING RIGHT	5	WHT/BLK-3
DRIVE F.C.	6	WHT/RED-3
EXTEND	7	BLK-3
RETRACT	8	BLK/WHT-3
OEM POWER	9	BLK/RED-3
SEC. BOOM UP	10	BLU-3
SEC. BOOM DN.	11	BLU/BLK-3
SPARE	12	BLU/WHT-3
PLAT. LVL. UP	13	ORG-3
PLAT. LVL. DN.	14	ORG/BLK-3
SPARE	15	ORG/RED-3
PLAT. ROT. L.	16	GRN-3
PLAT. ROT. R.	17	GRN/BLK-3
SPARE	18	GRN/WHT-3
SPARE	19	
PWR. (CONT.)	20	WHT PR5 TERM 85
PWR. TO F.S.	21	GREEN (F.S.)
12V GROUND	22	BLK (F.S.)
	23	GREEN
	24	

12V SUPPLY	25	RED-2 (ALARM)
12V SUPPLY	26	RED/BLK PR5 TERM 87a
HIGH/LOW	27	RED/WHT-2
OIL PRESS. LT.	28	WHT-2
WTR. TEMP. LT.	29	WHT/BLK-2
DRV F.C.	30	WHT/RED-2
HORN	31	BLK-2
DRV ENA	32	BLK/WHT-2
DRV ENA LT	33	BLK/RED-2
12V SUPPLY	34	RED-1
SPARE	35	RED/BLK-1
RETURN PWR.	36	RED/WHT-1
FORWARD	37	WHT-1
REVERSE	38	WHT/BLK-1
SPARE	39	WHT/RED-1
START	40	BLK-1
GLOW PLUG	41	BLK/WHT-1
R.P.M.	42	BLK/RED-1
STEER LEFT	43	BLU-1
STEER RIGHT	44	BLU/BLK-1
SPARE	45	BLU/WHT-1
36V SUPPLY	46	BLU/RED-1
OFF LIMIT	47	ORG/RED-1
	48	ORG-1

DWG. #ES45BI3 D

Z45-22 Tri-Fuel Index

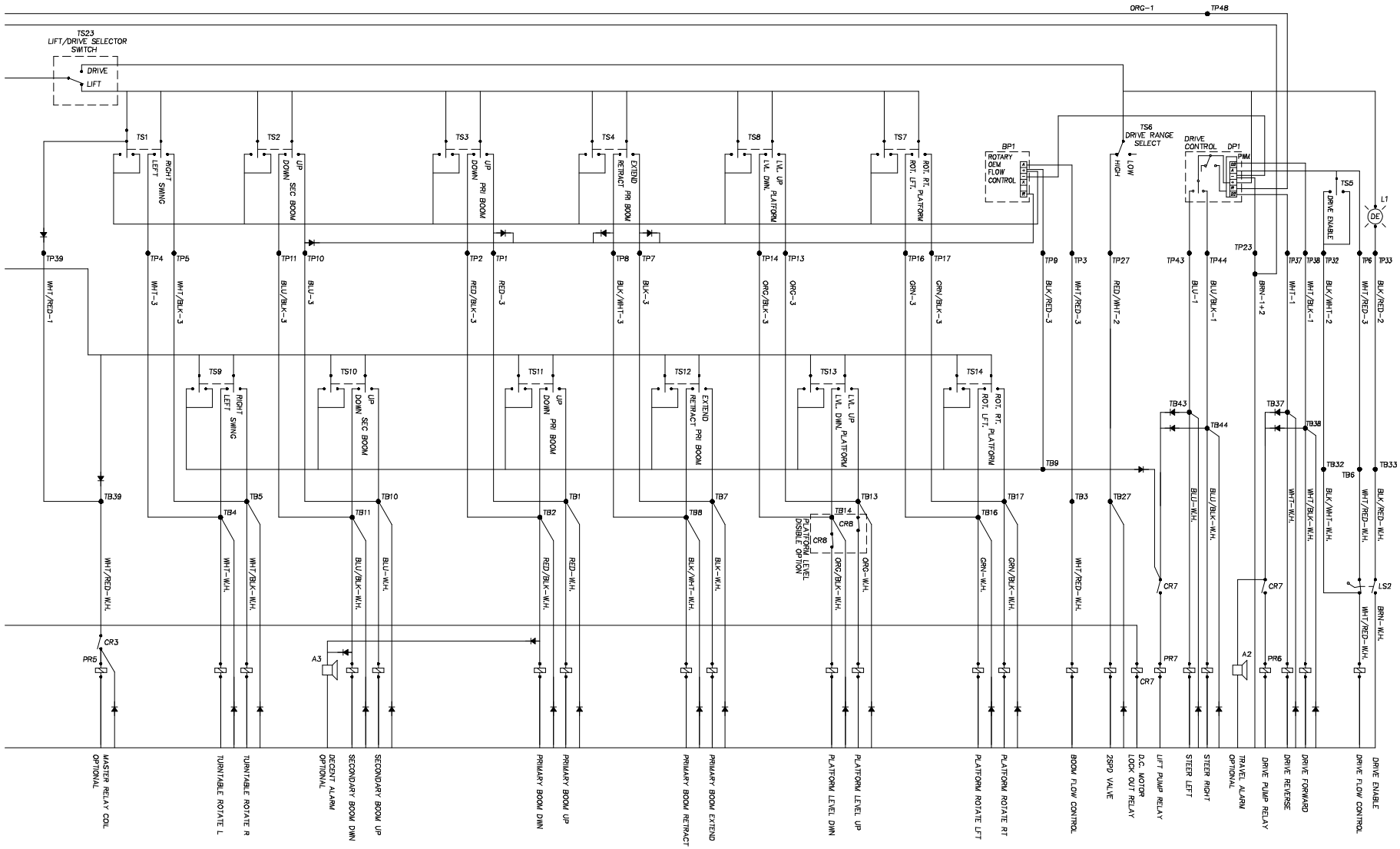
Z45/22 MP BI-FUEL
ELECTRICAL SCHEMATIC
WITH FUNCTION ENABLE



DWG. #ES45BI1F

Z45-22 Tri-Fuel Index

Z45/22 MP BI-FUEL
ELECTRICAL SCHEMATIC (cont'd)
WITH FUNCTION ENABLE

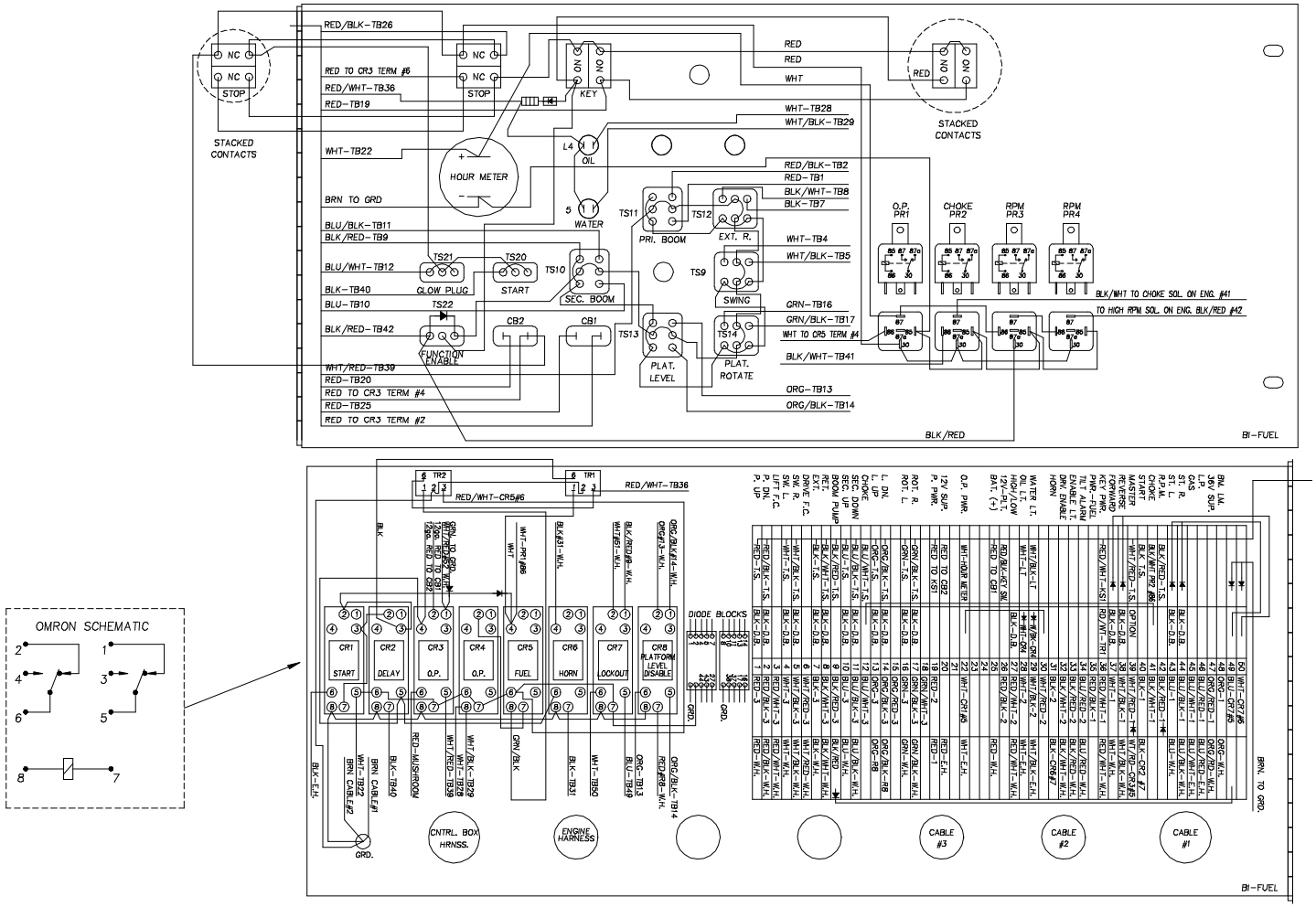


DWG. #ES45BI2F

p. Z12-22B

Z45-22 Tri-Fuel Index

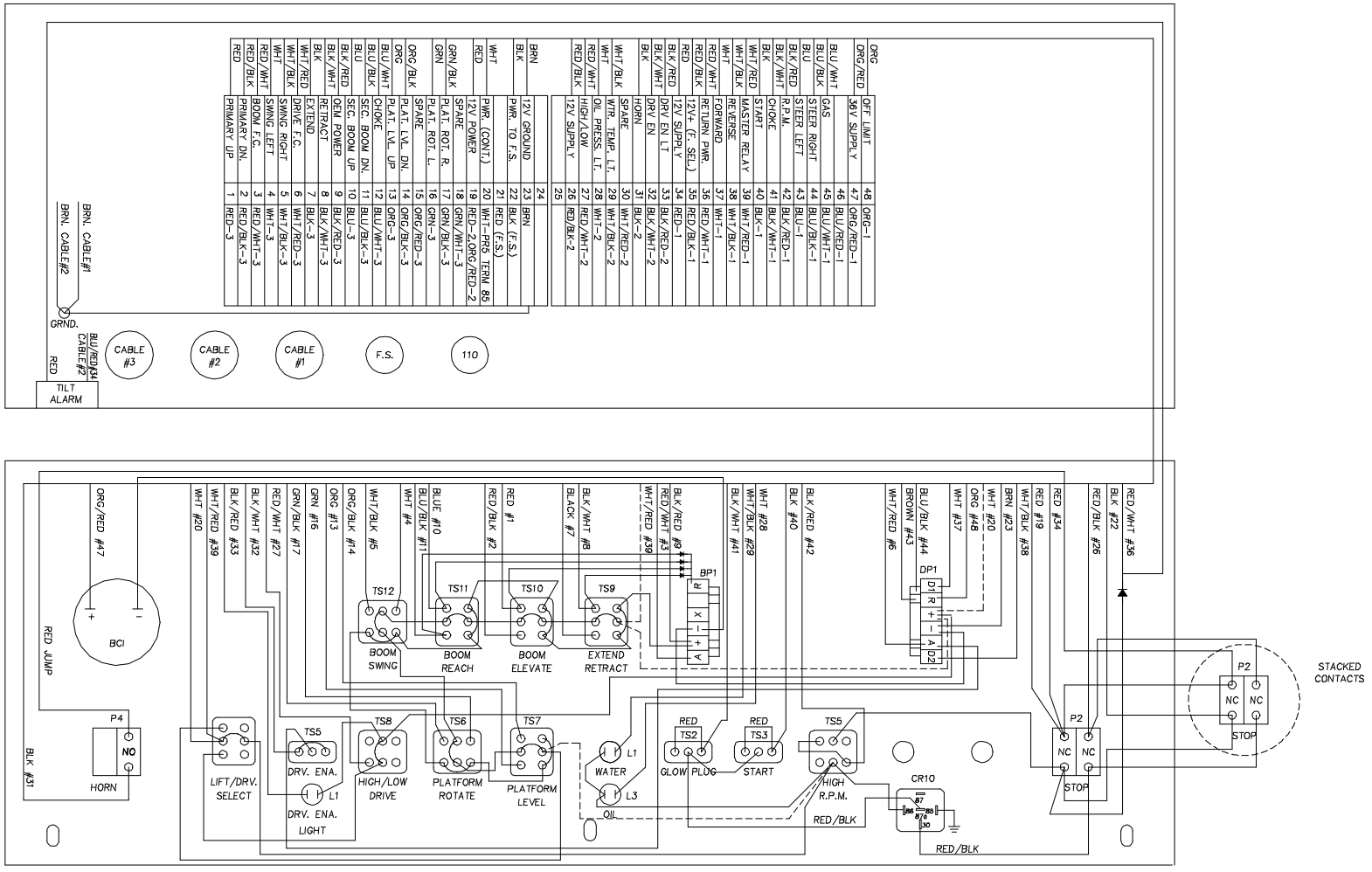
Z45/22 BI-FUEL
ELECTRICAL SCHEMATIC
GROUND CONTROL BOX LEGEND
WITH FUNCTION ENABLE



DWG. #ES45BIBB

Z45-22 Tri-Fuel Index

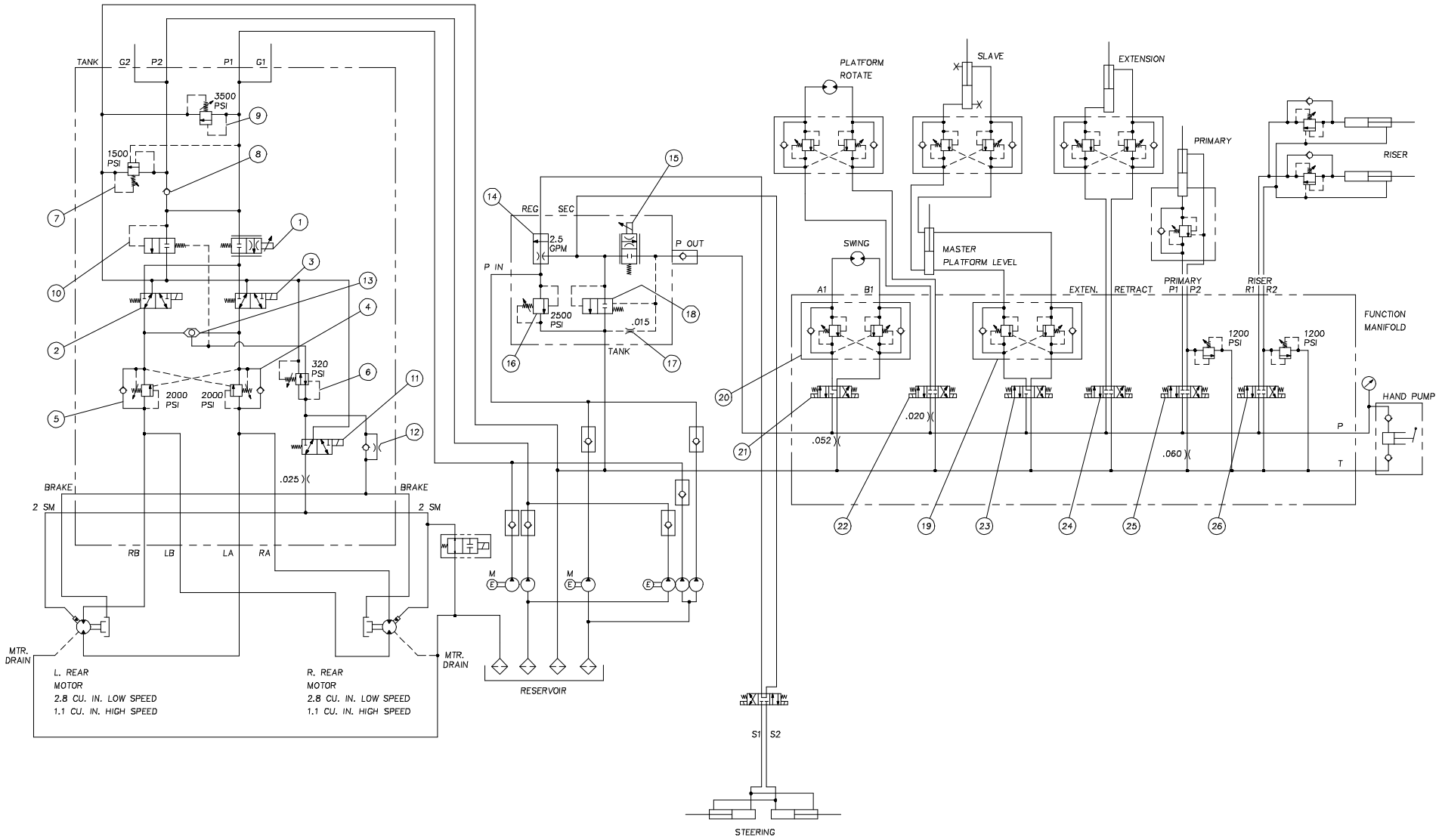
Z45/22 BI-FUEL
ELECTRICAL SCHEMATIC
PLATFORM CONTROL BOX LEGEND



NOTE: USE DASHED LINE WIRING IF LIFT/DRIVE SELECT IS NOT INSTALLED.

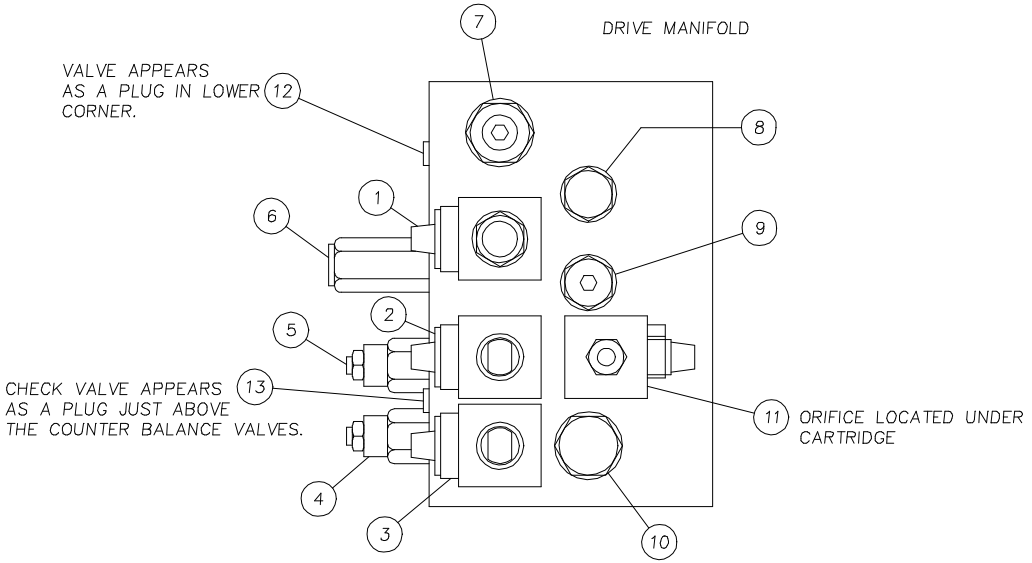
Z45-22 Tri-Fuel Index

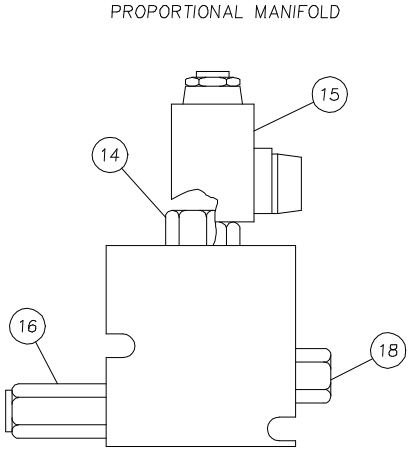
Z45/22 MP TRI-FUEL & BI-FUEL
HYDRAULIC SCHEMATIC

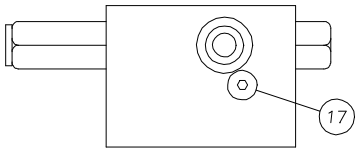


DWG. #HS45MP1A

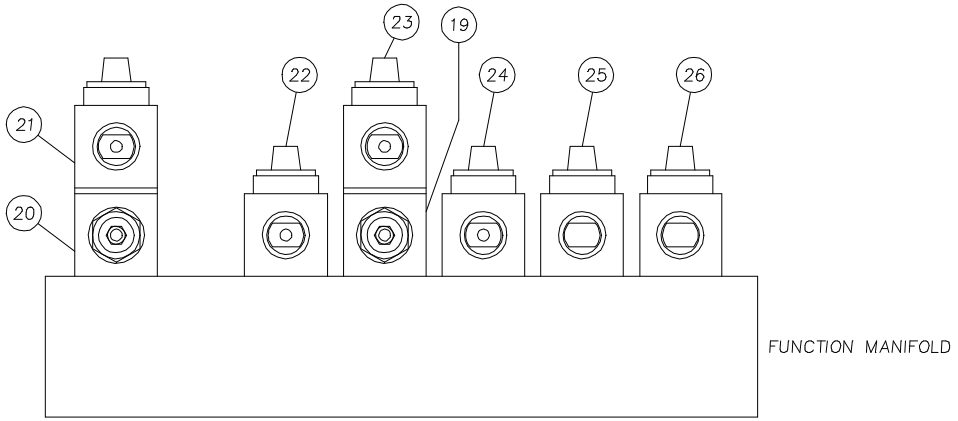
Z45/22 MP TRI-FUEL & BI-FUEL
HYDRAULIC SCHEMATIC LEGEND







BOTTOM VIEW



FUNCTION MANIFOLD