

**CHAPTER**

**28**

**FUEL**



737-800

## WIRING DIAGRAM MANUAL

### CHAPTER 28 FUEL

CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
28-EFFECTIVE PAGES									
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28-CONTENTS									
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R		2		Jun 21/2016					
28-ALPHABETICAL INDEX									
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		2		BLANK					
	28-21-11								
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R		1		Jun 21/2016					
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R			2	Jun 21/2016					

A = Added, R = Revised, D = Deleted, O = Overflow

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<b><u>ENGINE FUEL SYSTEM</u></b>						
ENGINE FUEL SHUT-OFF VALVES	28-21-11		1	1	Jun 29/2015	YT101-YT112 YT126-YT131
				2	Jun 29/2015	YT101-YT112 YT126-YT131
				2	Jun 21/2016	YT113-YT120 YT132-YT133
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BATTERY AND CONTROL POWER ENGINE SPAR AND APU FUEL VALVES	28-21-21		1		Jun 21/2016	ALL
<b><u>ENGINE FUEL FEED SYSTEM</u></b>						
FUEL CROSSFEED VALVE	28-22-11		1		Jun 21/2016	ALL
<b><u>FUEL BOOST PUMPS</u></b>						
FUEL BOOST PUMPS	28-23-11		1	1	Dec 10/2015	YT101-YT116 YT126-YT131
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<b><u>FUEL QUANTITY INDICATING SYSTEM</u></b>						
FUEL QUANTITY	28-41-11		1	1	Aug 15/2013	YT101-YT103
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				3	Jun 21/2016	YT110-YT112 YT130-YT131
			4	1	Jun 21/2016	YT113-YT120 YT132-YT133
				2	Jun 21/2016	YT113-YT120 YT132-YT133
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<b><u>FUEL TEMPERATURE INDICATING SYSTEM</u></b>						
FUEL TEMPERATURE INDICATION	28-42-11		1		Jun 21/2016	ALL
<b><u>FUEL PRESSURE INDICATING SYSTEM</u></b>						
FUEL BOOST PUMPS LOW PRESSURE WARNING LIGHTS	28-43-11		1		Jun 21/2016	ALL
<b><u>REFUELING INDICATION</u></b>						
GROUND REFUELING	28-44-11		1	1	Jun 21/2016	ALL
				2	Jun 21/2016	ALL

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28-21-11	ENGINE FUEL SHUT-OFF VALVES
28-23-11	FUEL BOOST PUMPS
28-43-11	FUEL BOOST PUMPS LOW PRESSURE WARNING LIGHTS
28-22-11	FUEL CROSSFEED VALVE
28-41-11	FUEL QUANTITY
28-42-11	FUEL TEMPERATURE INDICATION
28-44-11	GROUND REFUELING

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28V DC  
HOT  
BATTERY BUS

24-61-51  
28-21-21

2.5  
C360

0294-20  
FUEL SPAR  
VALVE ENG 2

W0044

APD6000B

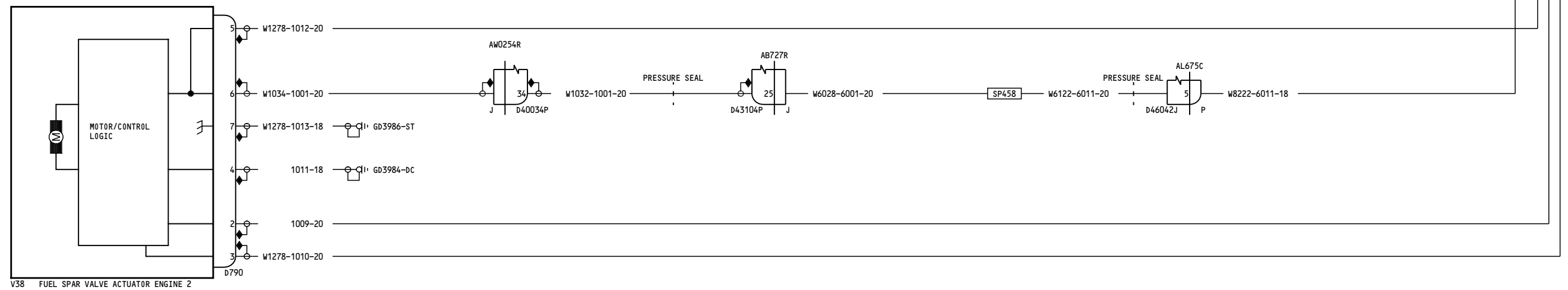
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D40812P

P6-3

P6 LOAD CONTROL CENTER-RIGHT

The diagram shows the A2 Printed Circuit Card with the following connections:

- POWER** (connected to pins 32, 22, 3, 11, 12, 24, 27, 25)
- 28-21-11 SH 1** (connected to pins 32, 22)
- 76-21-21** (connected to pins 11, 12, 24, 27, 25)
- W2510-6003-20** (connected to pin 29)
- 6004-20** (connected to pin 30)
- W2510-6002-20** (connected to pin 23)
- D628** (connected to pin 23)
- 28-22-11, 28-23-11** (connected to pin 23)
- 28-42-11, 28-43-11** (connected to pin 23)

[illegible]

## ENGINE FUEL SHUT-OFF VALVES

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## ENGINE FUEL SHUT-OFF VALVES

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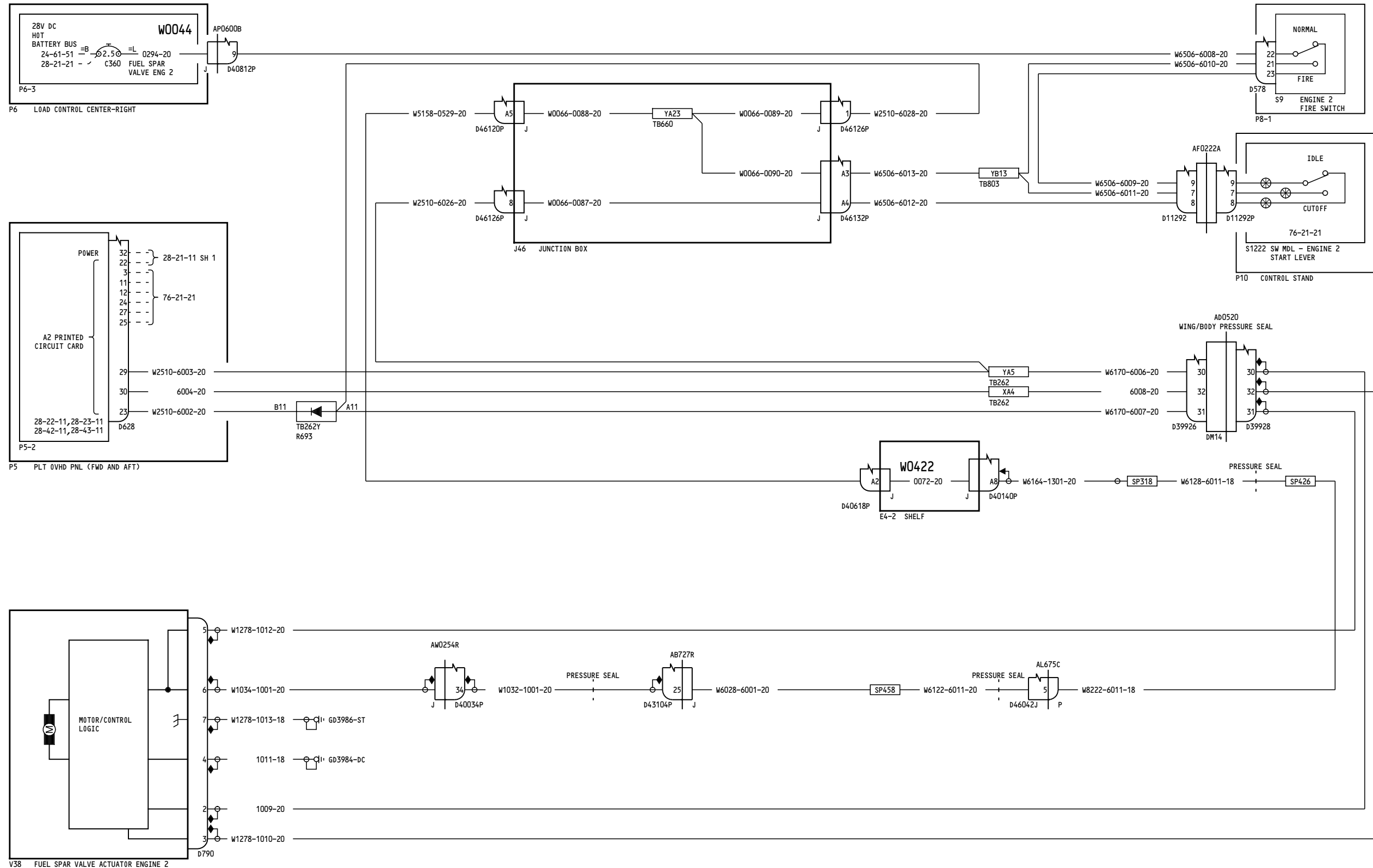
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YT113-YT120, YT132-YT133

## ENGINE FUEL SHUT-OFF VALVES

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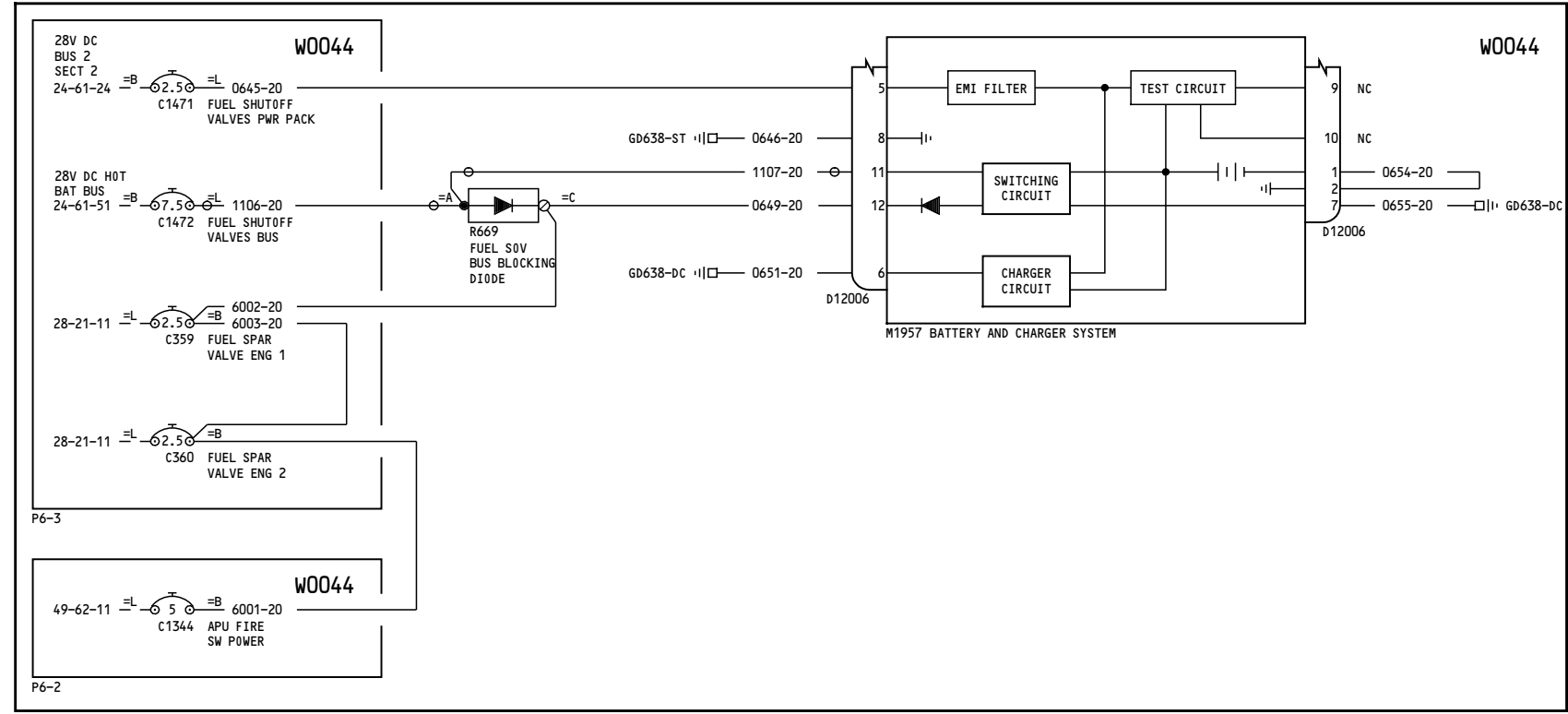
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P6 LOAD CONTROL CENTER-RIGHT

ALL

**BATTERY AND CONTROL POWER  
ENGINE SPAR AND APU  
FUEL VALVES**

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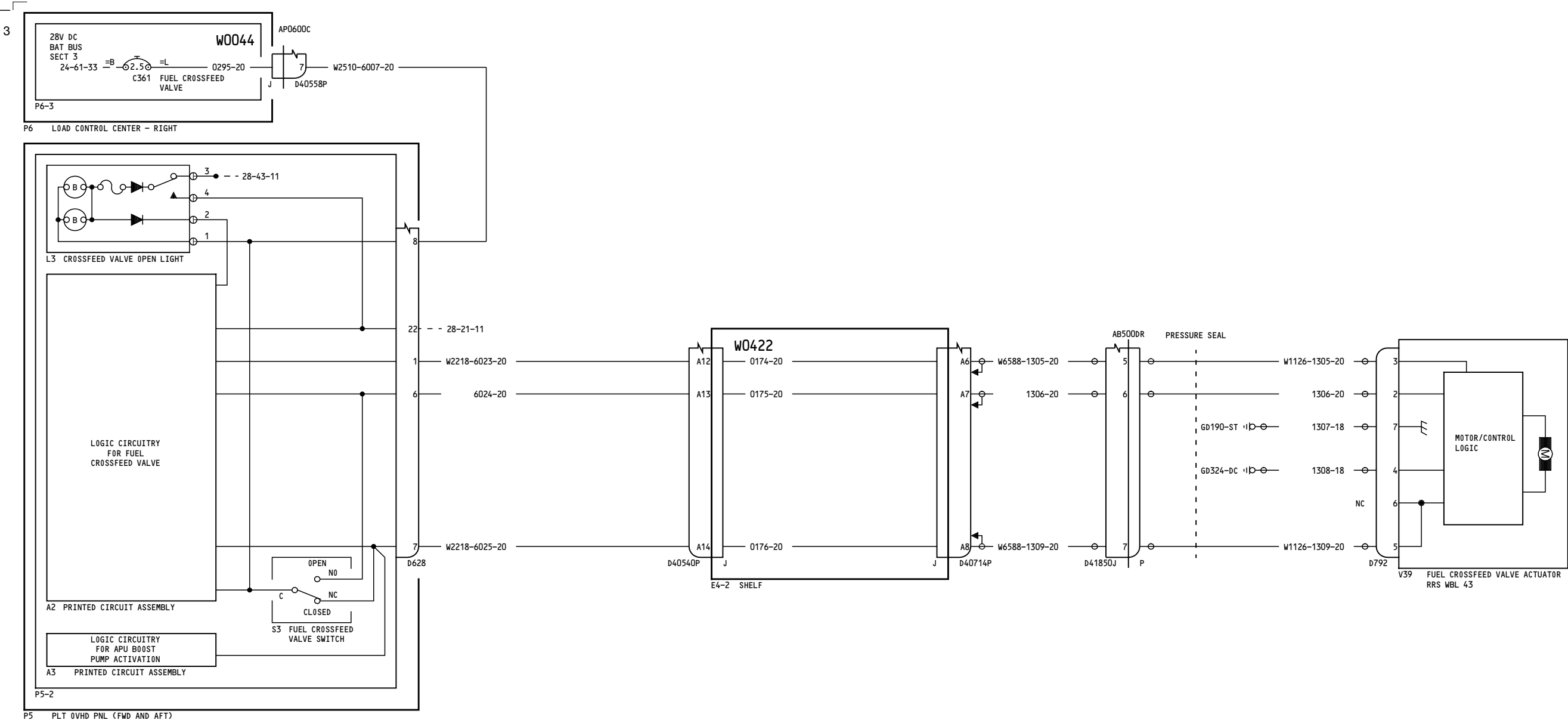
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FUEL CROSSFEED VALVE

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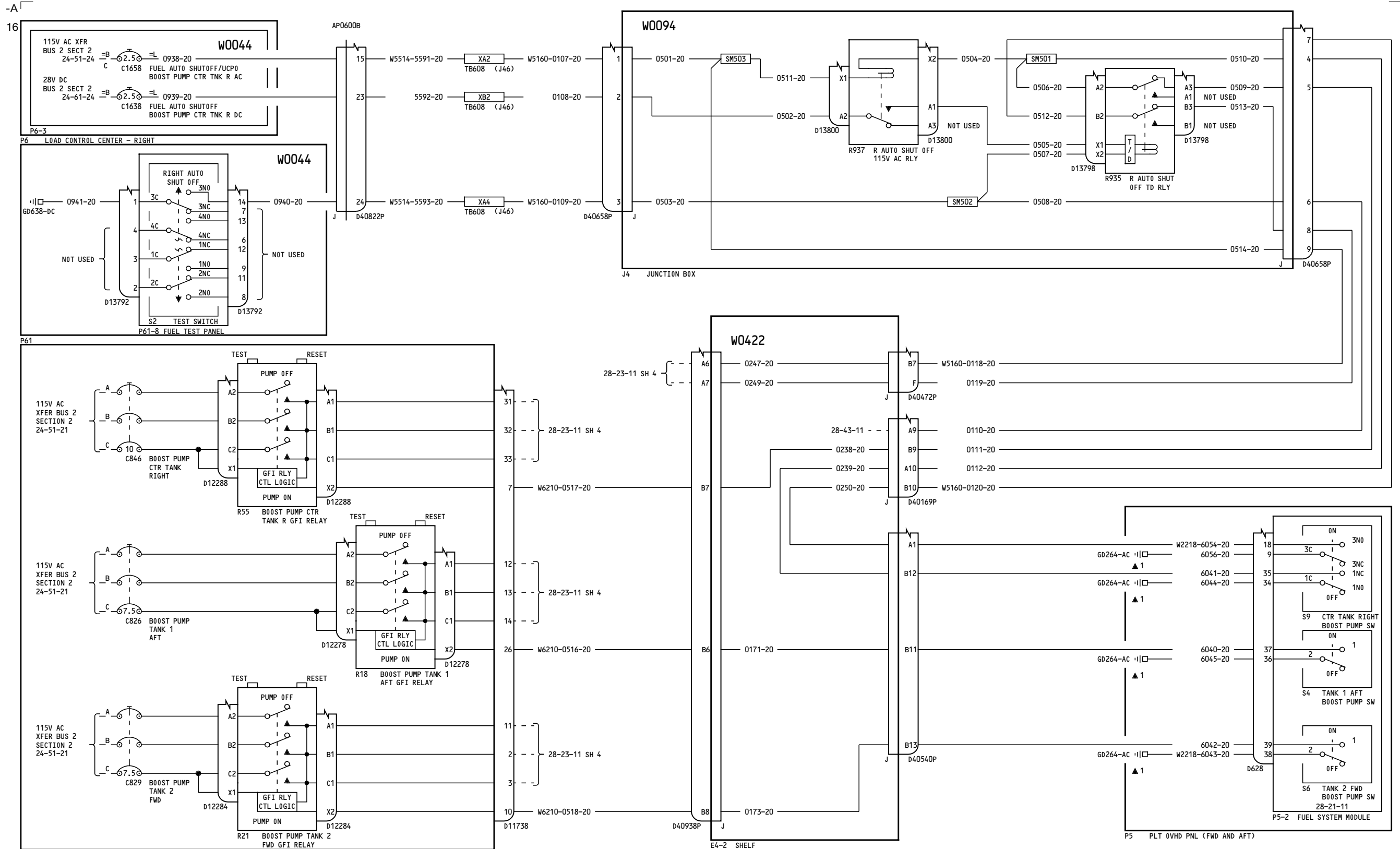
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P92 POWER DISTRIBUTION PANEL 2

YT101-YT116, YT126-YT131

## FUEL BOOST PUMPS

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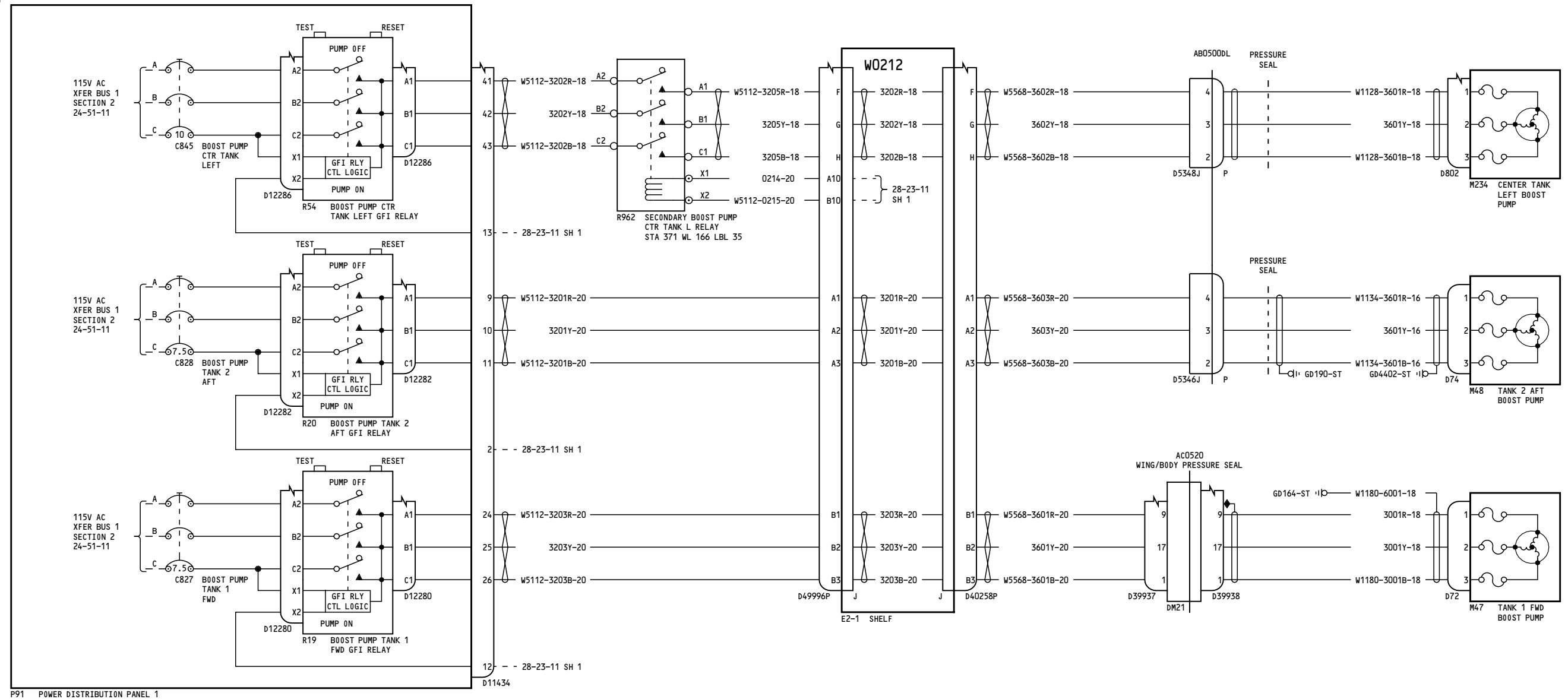
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YT101-YT116, YT126-YT131

**FUEL BOOST PUMPS**

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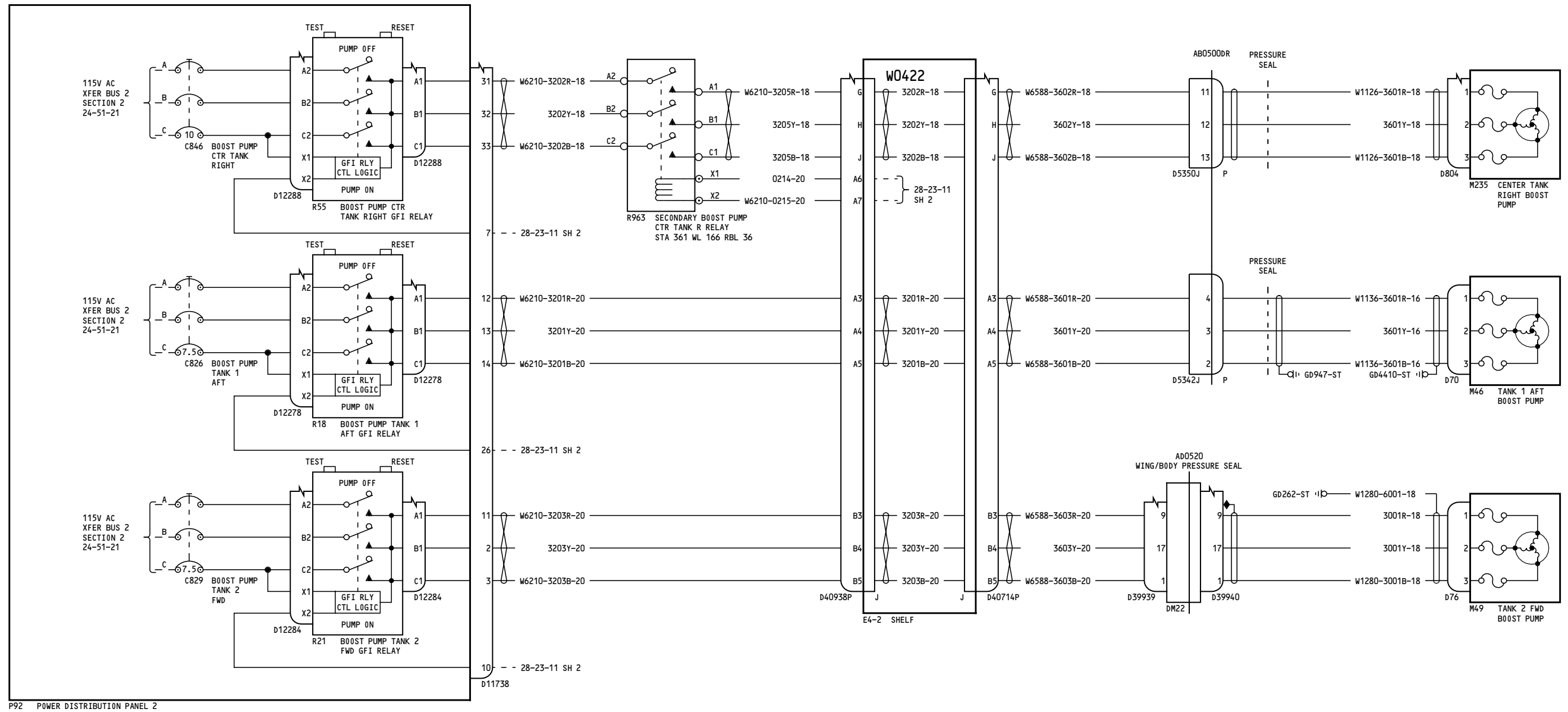
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P92 POWER DISTRIBUTION PANEL 2

YT101-YT116, YT126-YT131

**FUEL BOOST PUMPS**

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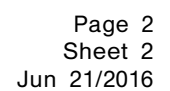
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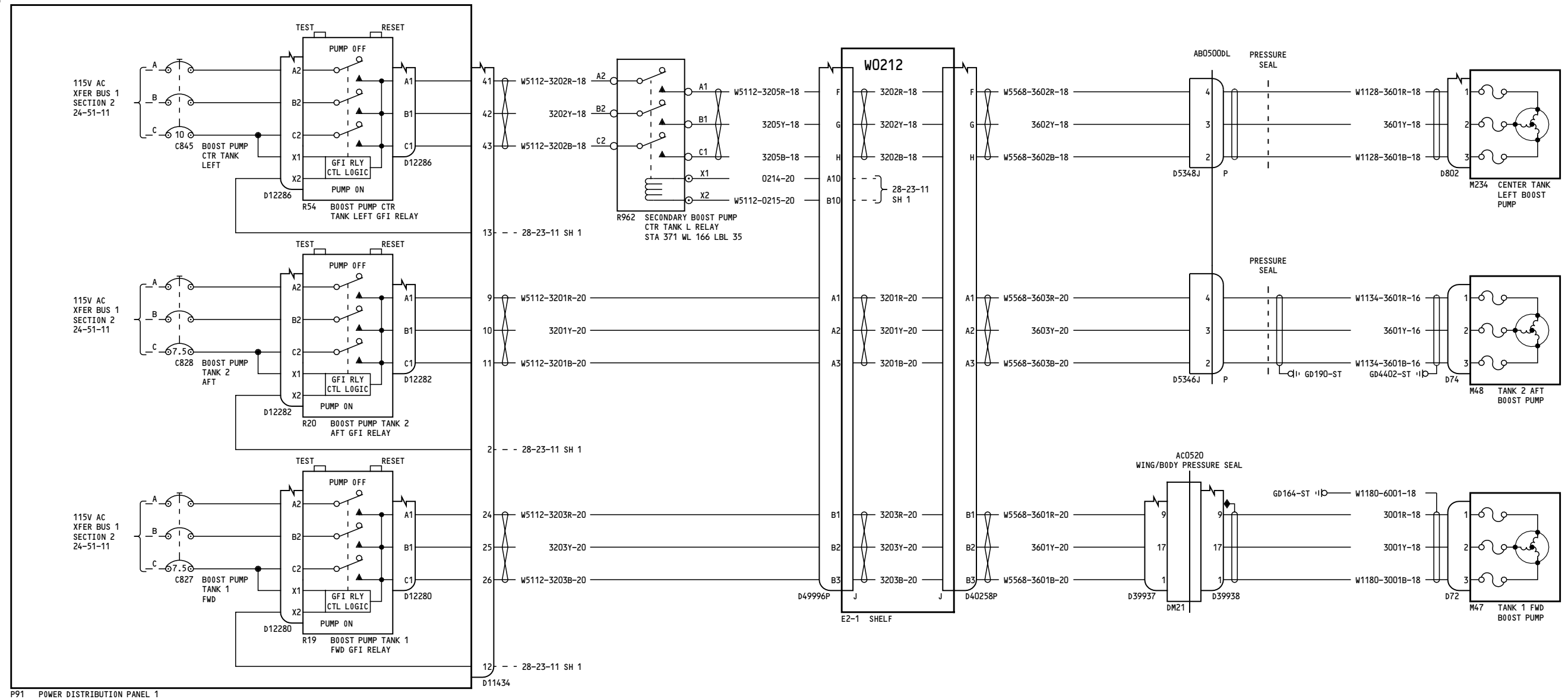
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P91 POWER DISTRIBUTION PANEL 1

YT117-YT120, YT132-YT133

**FUEL BOOST PUMPS**

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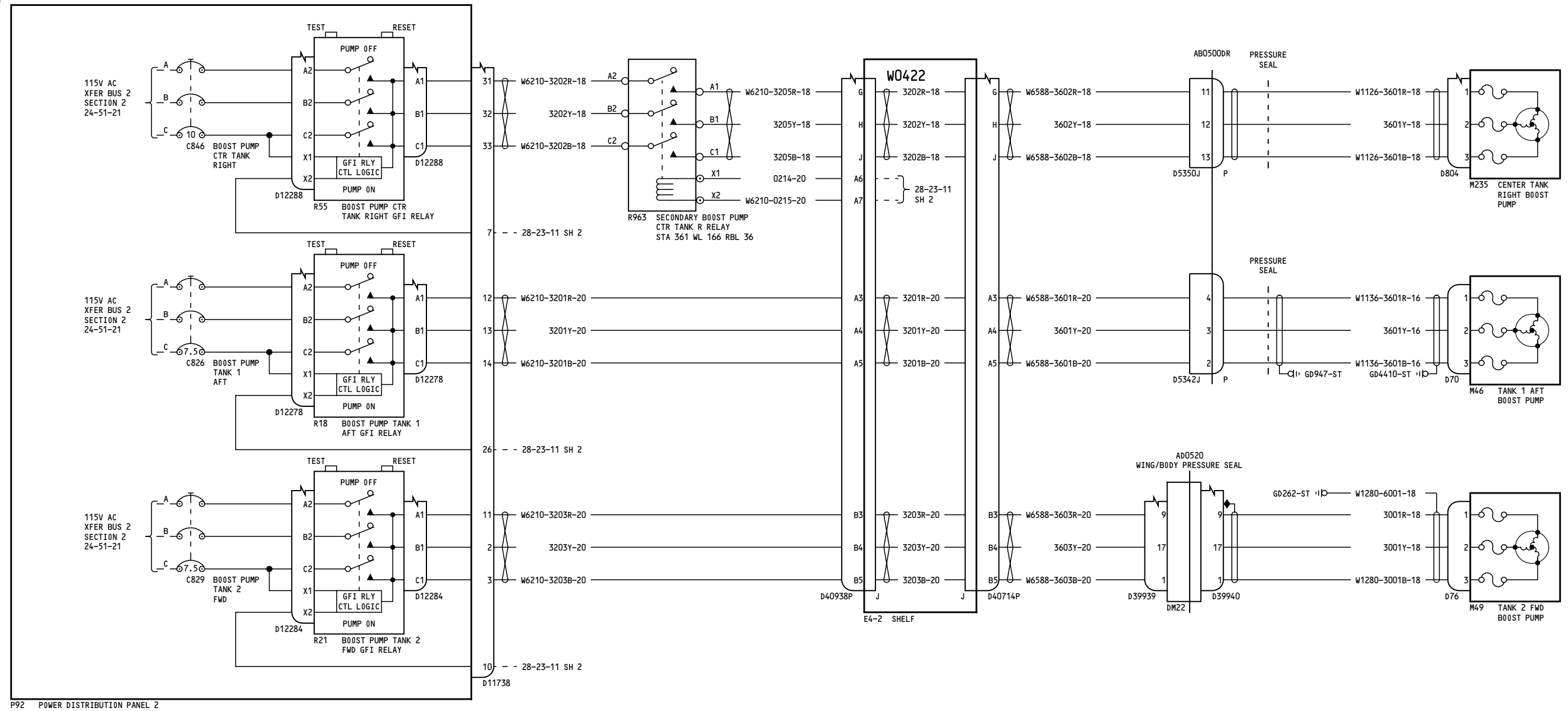
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P92 POWER DISTRIBUTION PANEL 2

YT117-YT120, YT132-YT133

**FUEL BOOST PUMPS**

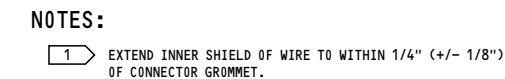
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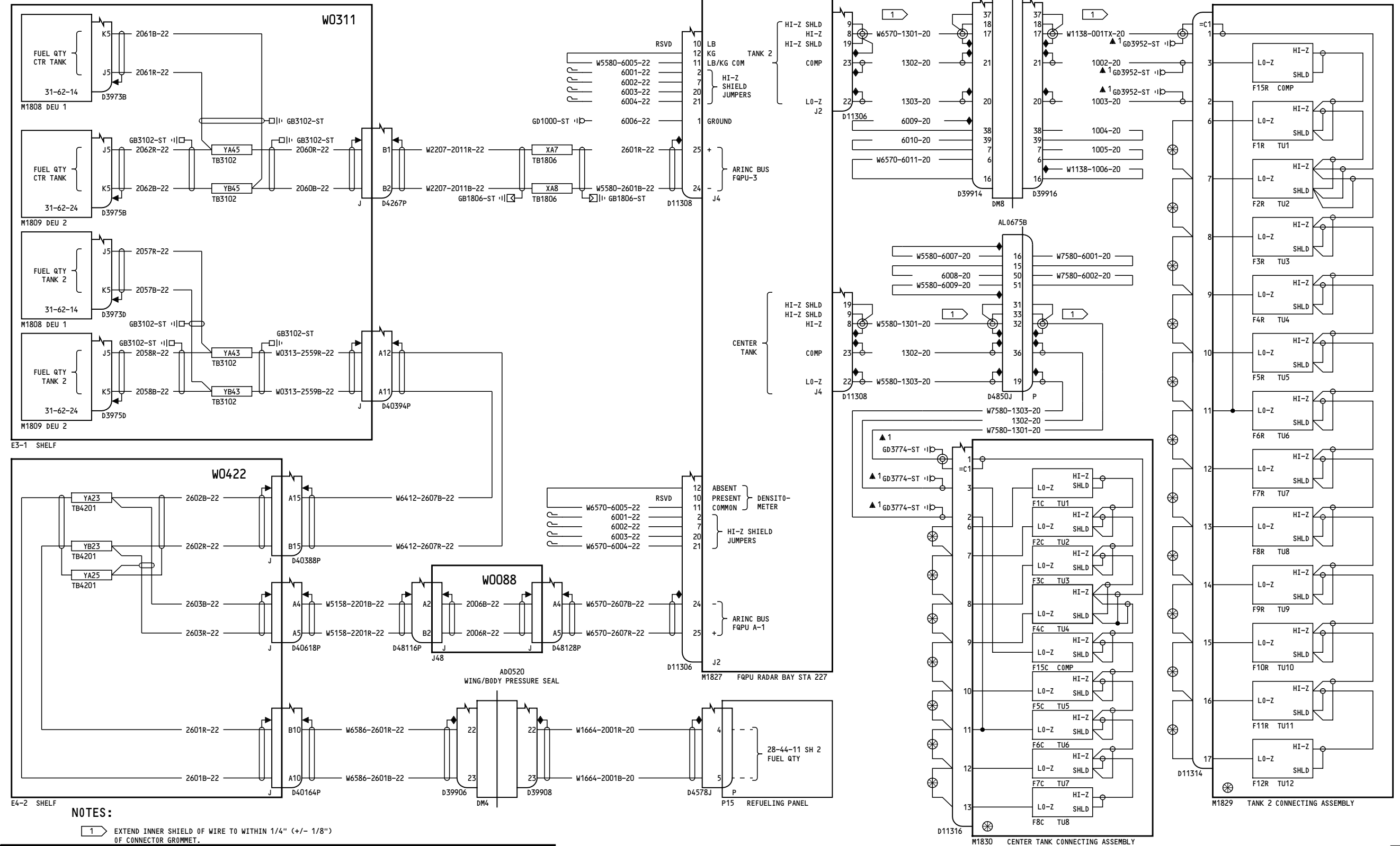
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YT101-YT103

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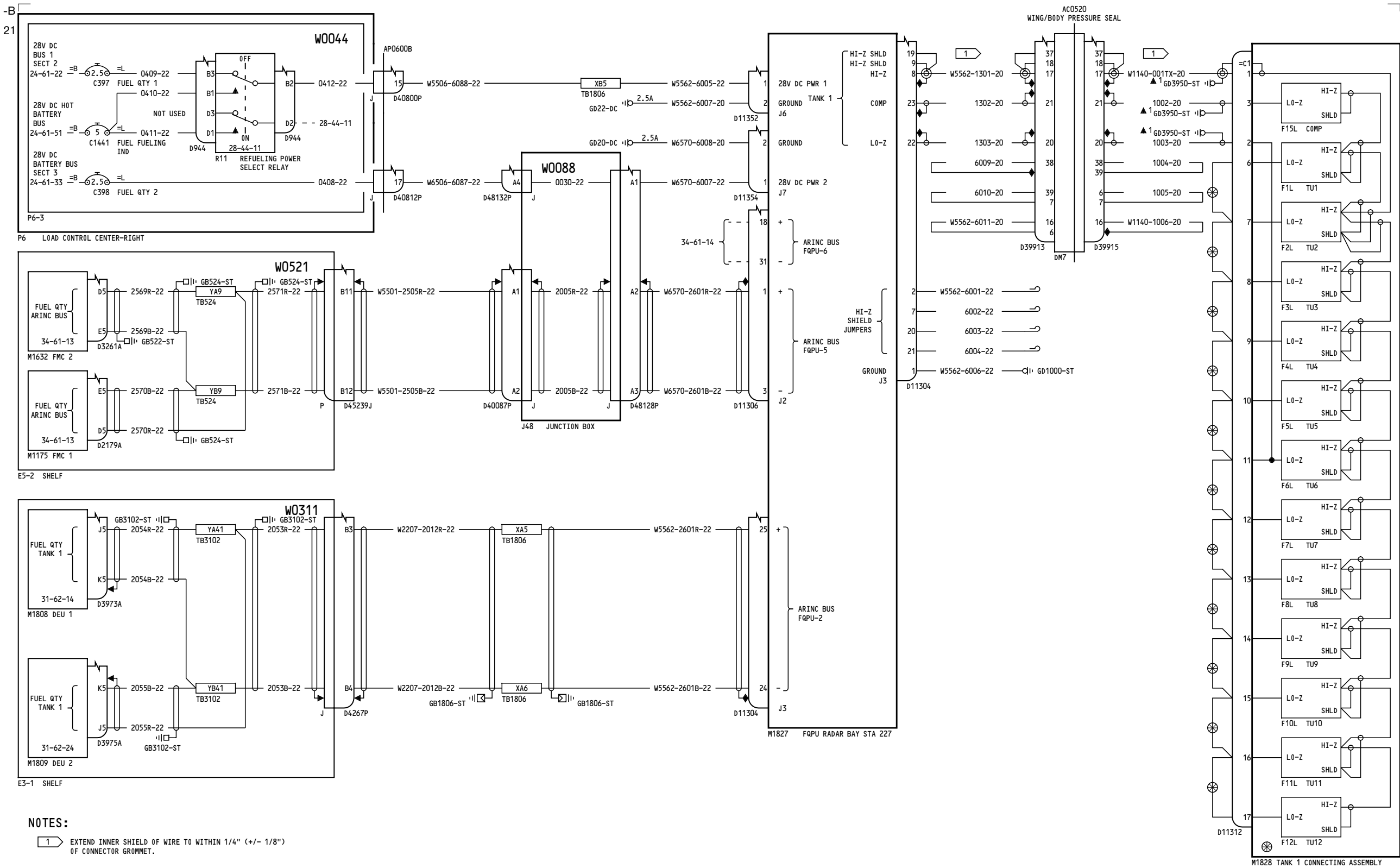
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YT104-YT109, YT126-YT129

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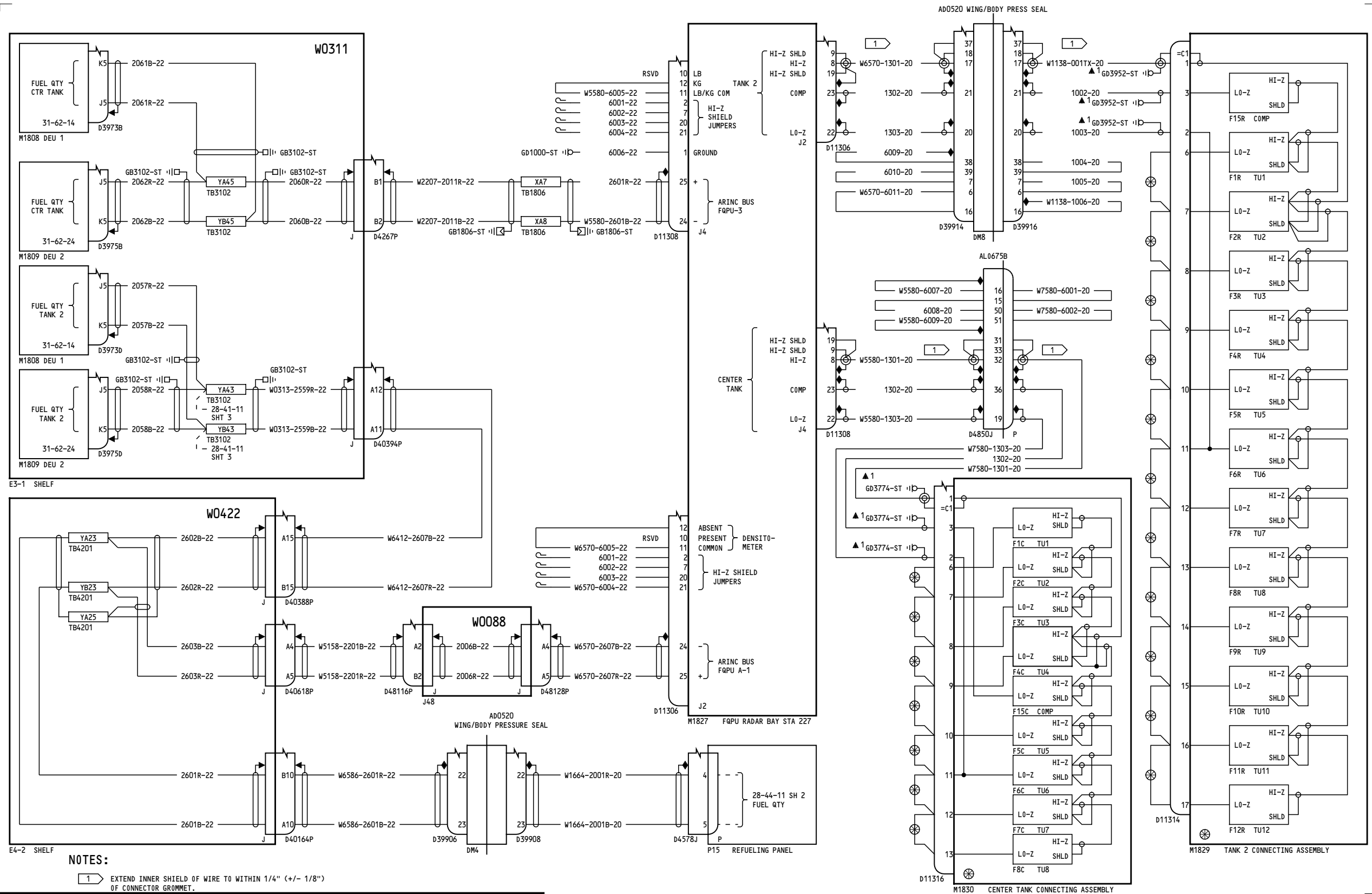
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YT104-YT109, YT126-YT129

FUEL QUANTITY

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FUEL QUANTITY

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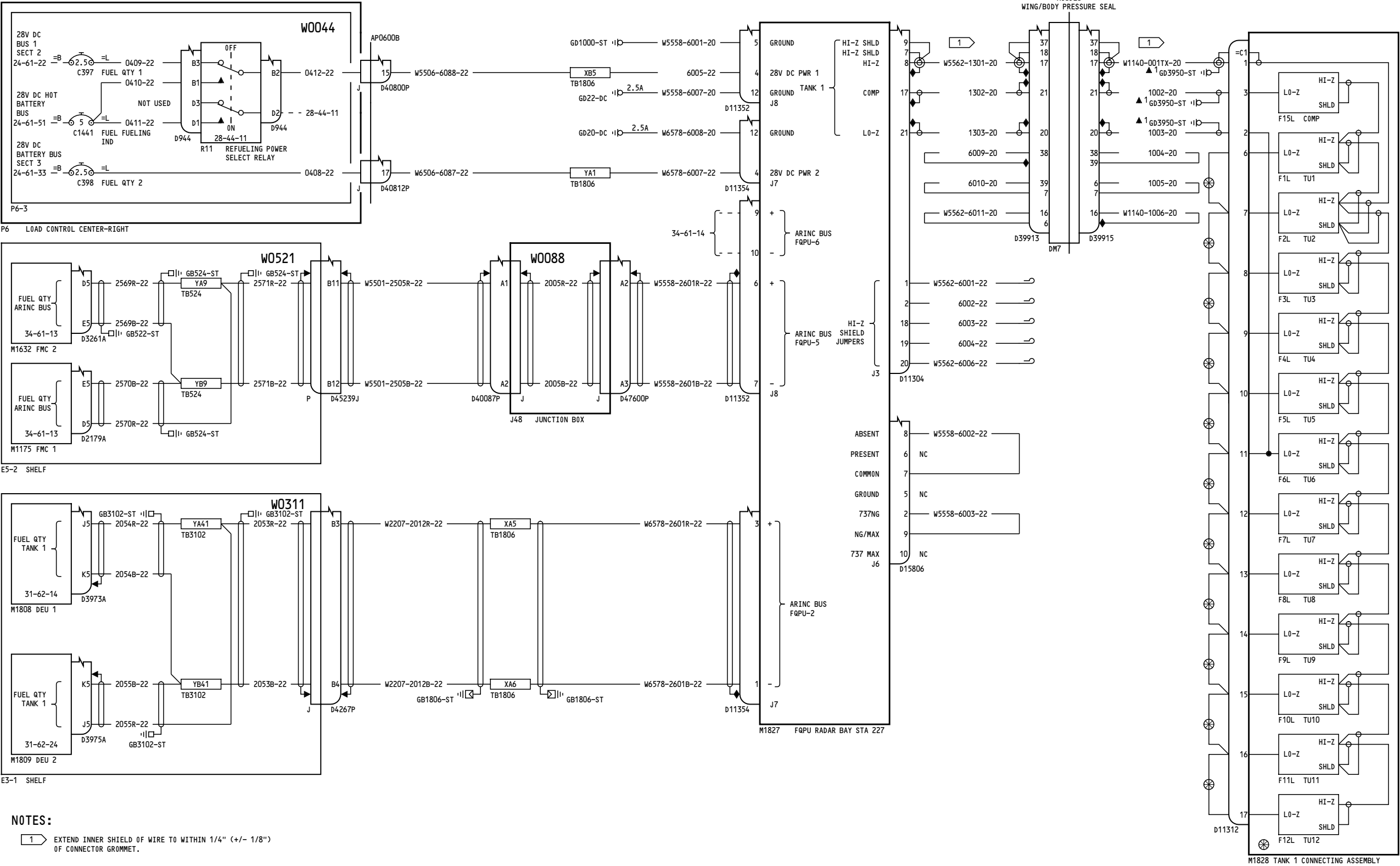
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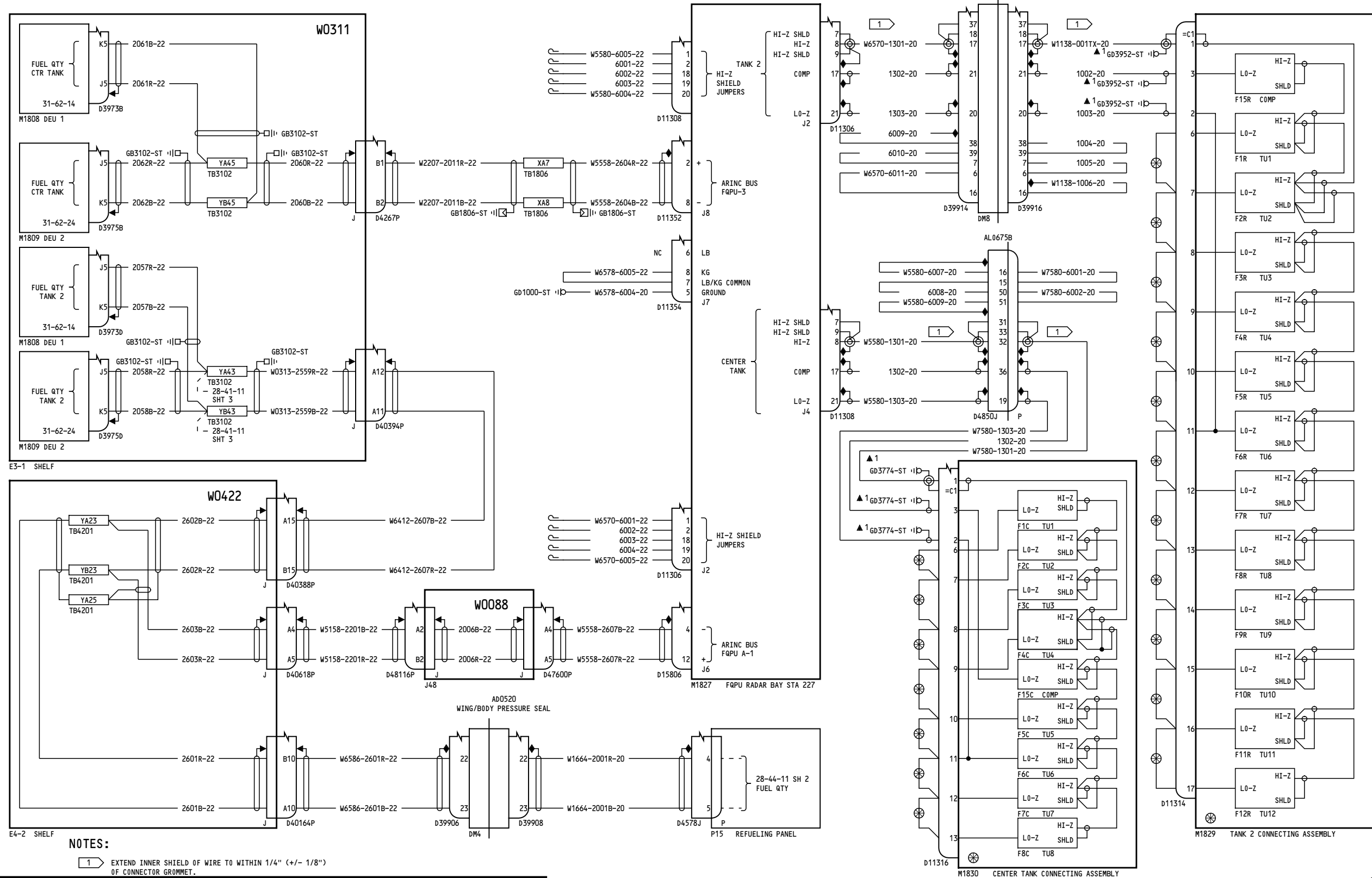
YT110-YT112, YT130-YT131	FUEL QUANTITY
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YT110-YT112, YT130-YT131

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YT110-YT112, YT130-YT131	FUEL QUANTITY
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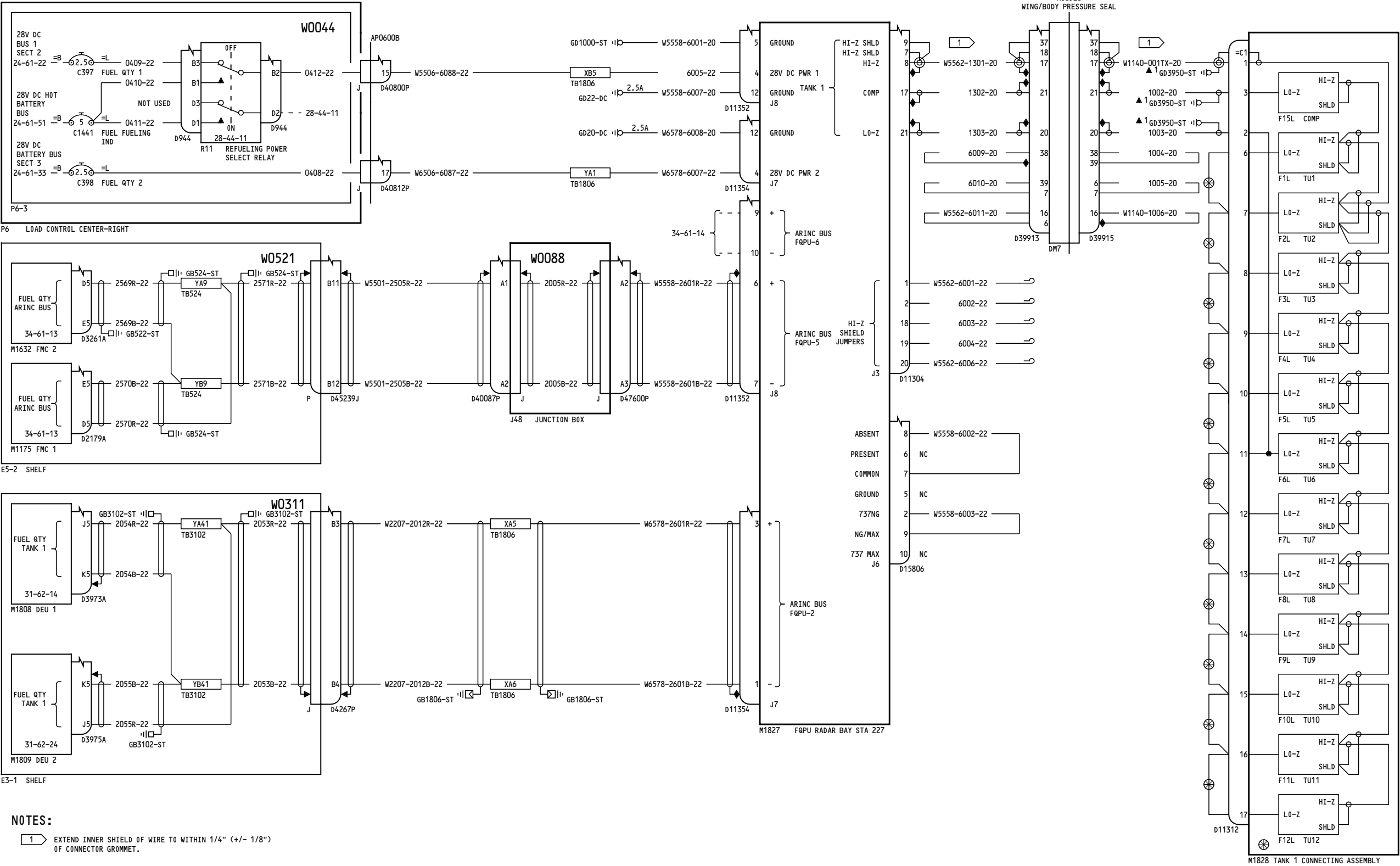
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YT113-YT120, YT132-YT133

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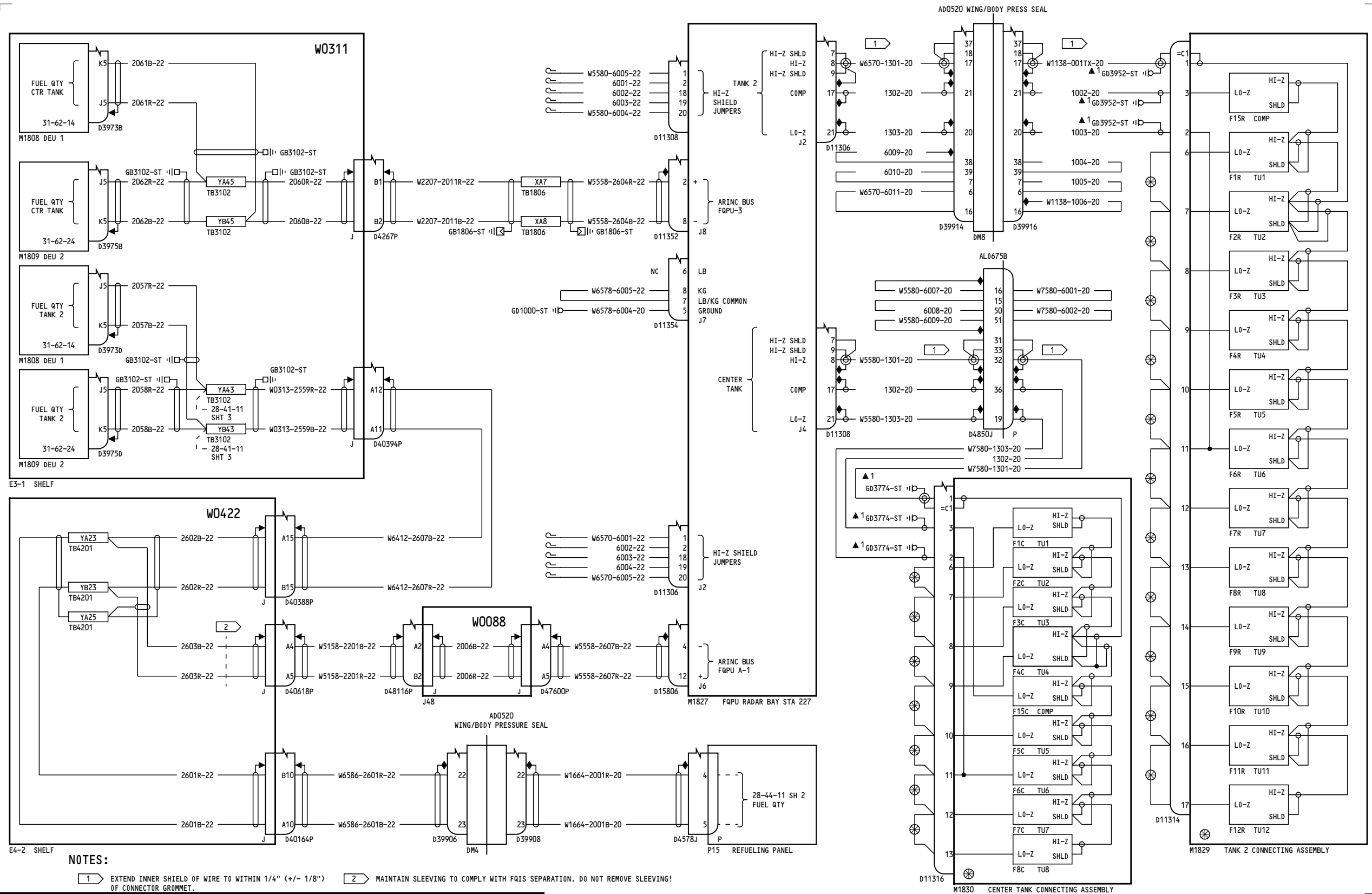
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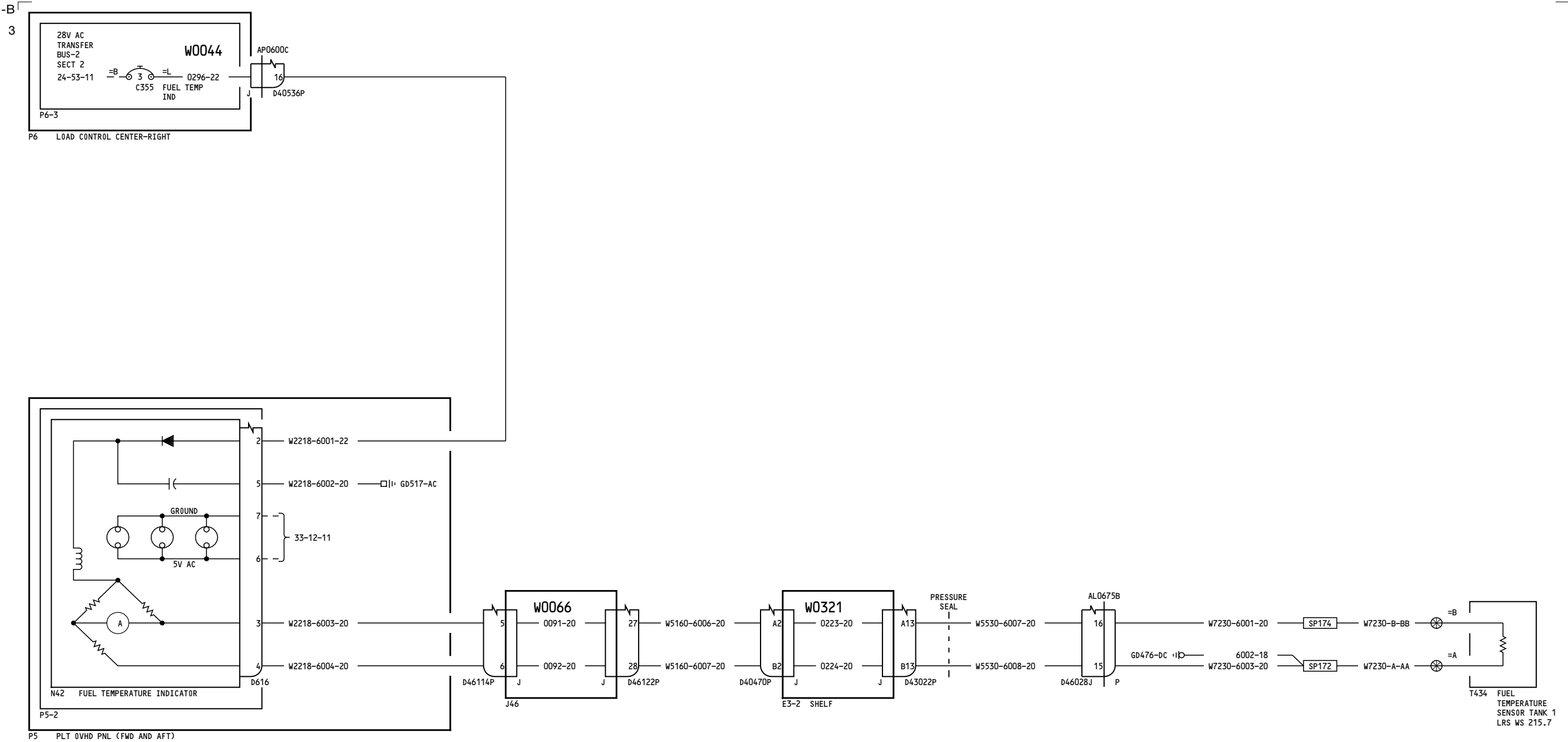
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FUEL TEMPERATURE INDICATION

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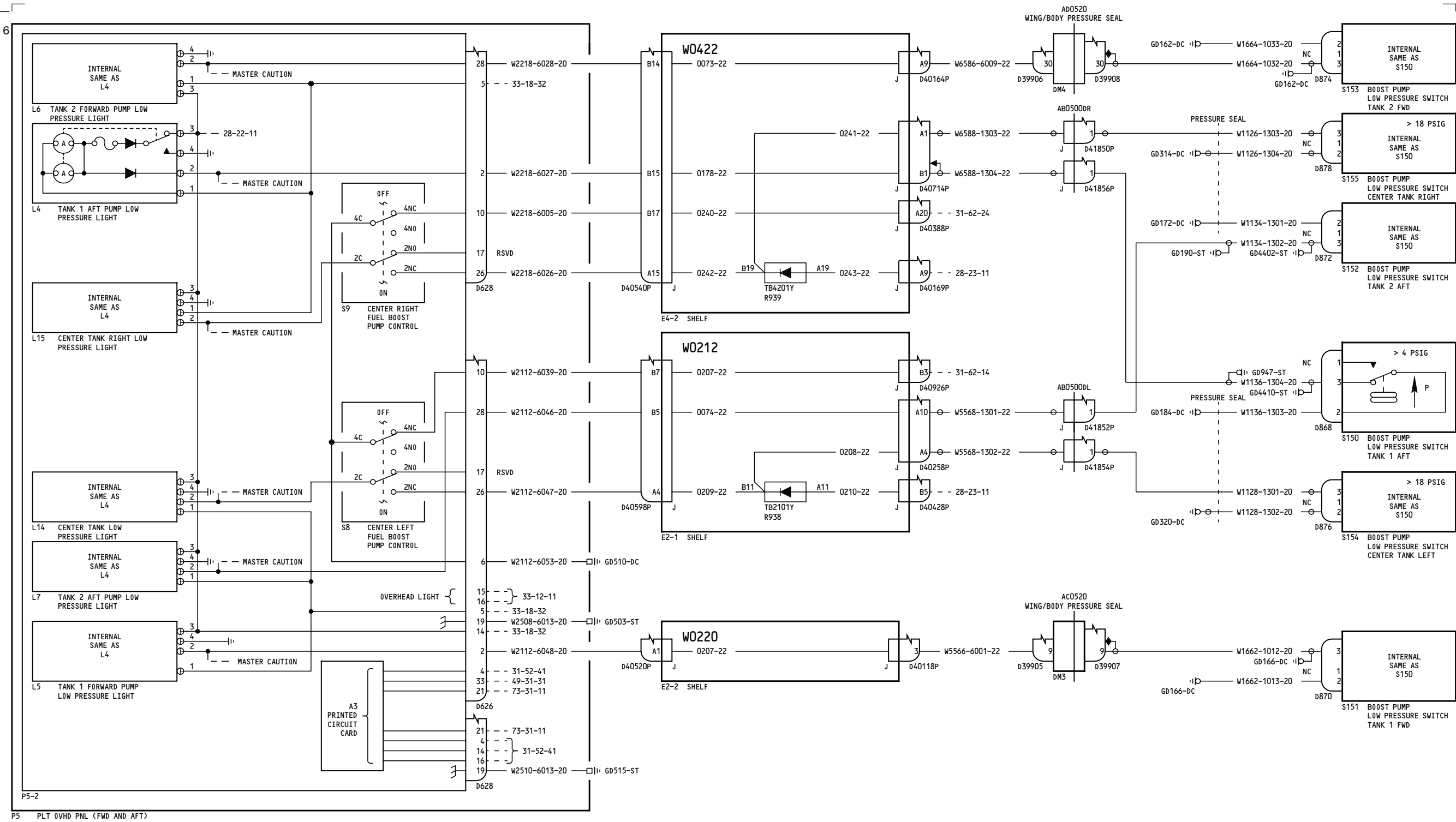
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**FUEL BOOST PUMPS  
LOW PRESSURE  
WARNING LIGHTS**

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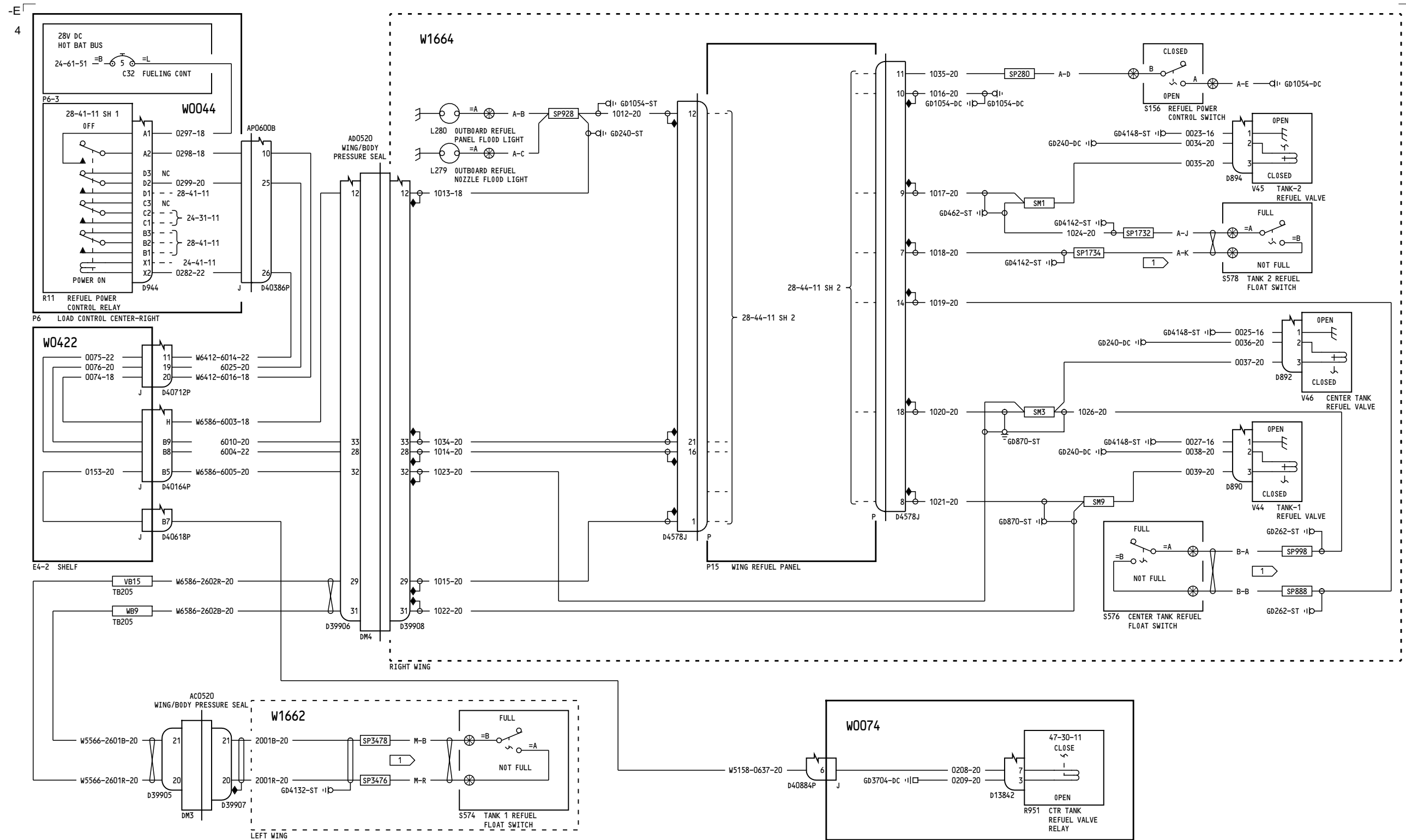
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NOTES:

- 1 INSTALL 1 IN. LENGTH DWP-125 SLEEVING OVER END OF CABLE JACKET TO PREVENT MOISTURE INCURSION FROM SPLICE AREA TO FLOAT SWITCH ON FLOAT SWITCHES SUPPLIED WITH JACKETED CABLE PIGTAILS.

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## GROUND REFUELING

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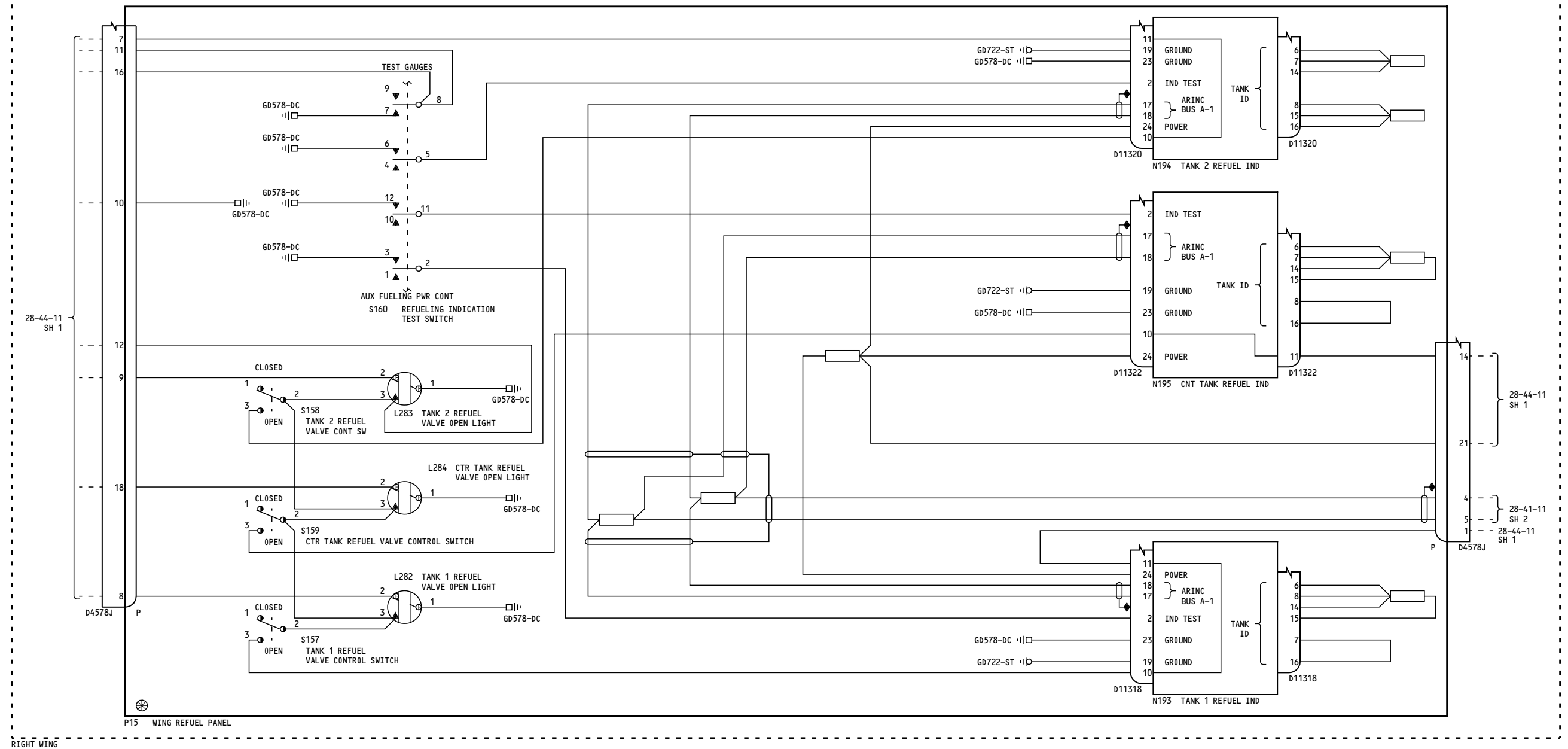
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