

CHAPTER

73

**ENGINE FUEL AND
CONTROL**



737-800

WIRING DIAGRAM MANUAL

CHAPTER 73 ENGINE FUEL AND CONTROL

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

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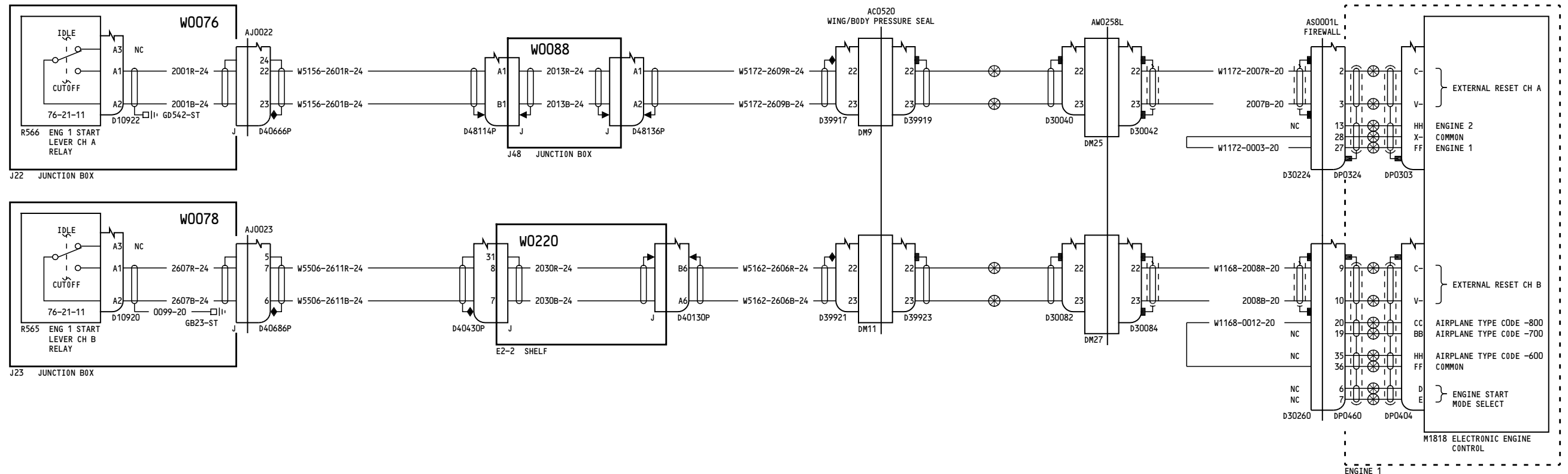
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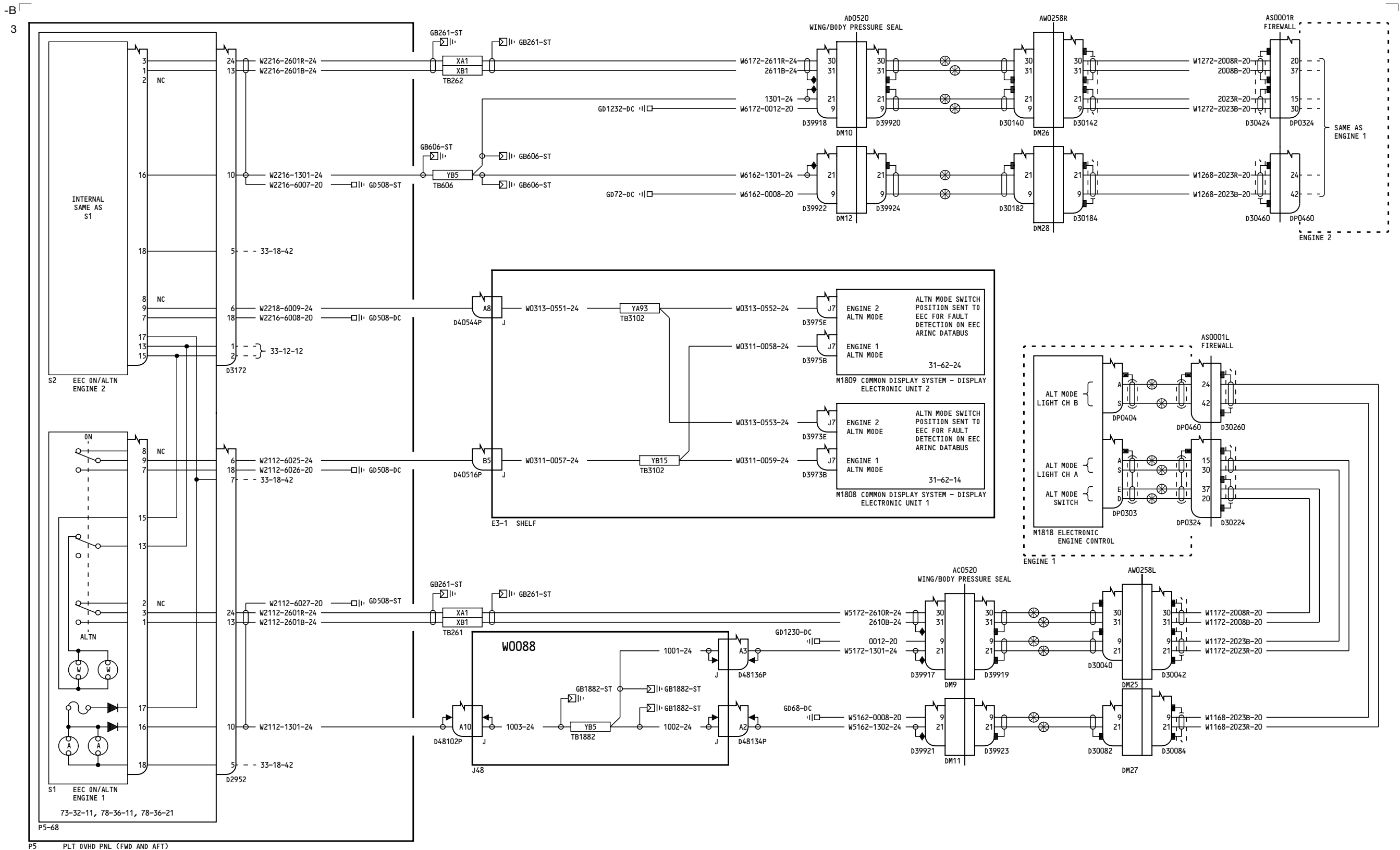
The diagram illustrates the electrical system for Engine 2, divided into two main functional areas:

- Top Section (W0080/W0066):** This area controls the engine start sequence. It begins with relay R568 (ENG 2 START LEVER CH A RELAY) connected to the IDLE/CUTOFF switch (76-21-21). The circuit passes through solenoid D10926 and junction box J24 to solenoid D40696P. From there, it continues through junction box J46 (containing solenoids D46118P and D46146P) to solenoids DM10 and DM26. These are connected to the WING/BODY PRESSURE SEAL and AS0001R FIREWALL respectively.
- Bottom Section (W0072/W0422/W0410):** This area also controls the engine start sequence. It starts with relay R567 (ENG 2 START LEVER CH B RELAY) connected to the same IDLE/CUTOFF switch. The circuit passes through solenoid D10924 and junction box J20 to solenoid D40634P. It then continues through shelves E4-2 and E4-1 (each containing solenoids D40484P, D40388P, and D40390P) to solenoids DM12 and DM28. These are connected to the WING/BODY PRESSURE SEAL and AS0001R FIREWALL respectively.

Both sections terminate at the AS0001R FIREWALL, which contains multiple terminals (2, 3, 13, 27, 28, 6, 7, 9, 10, 35, 20, 19, 36) and solenoids DP0324 and DP0460. The diagram also shows various pressure seals (DM10, DM26, DM12, DM28) and firewalls (AS0001R FIREWALL) throughout the system.



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**ELECTRONIC ENGINE CONTROL
ALTERNATE MODE**

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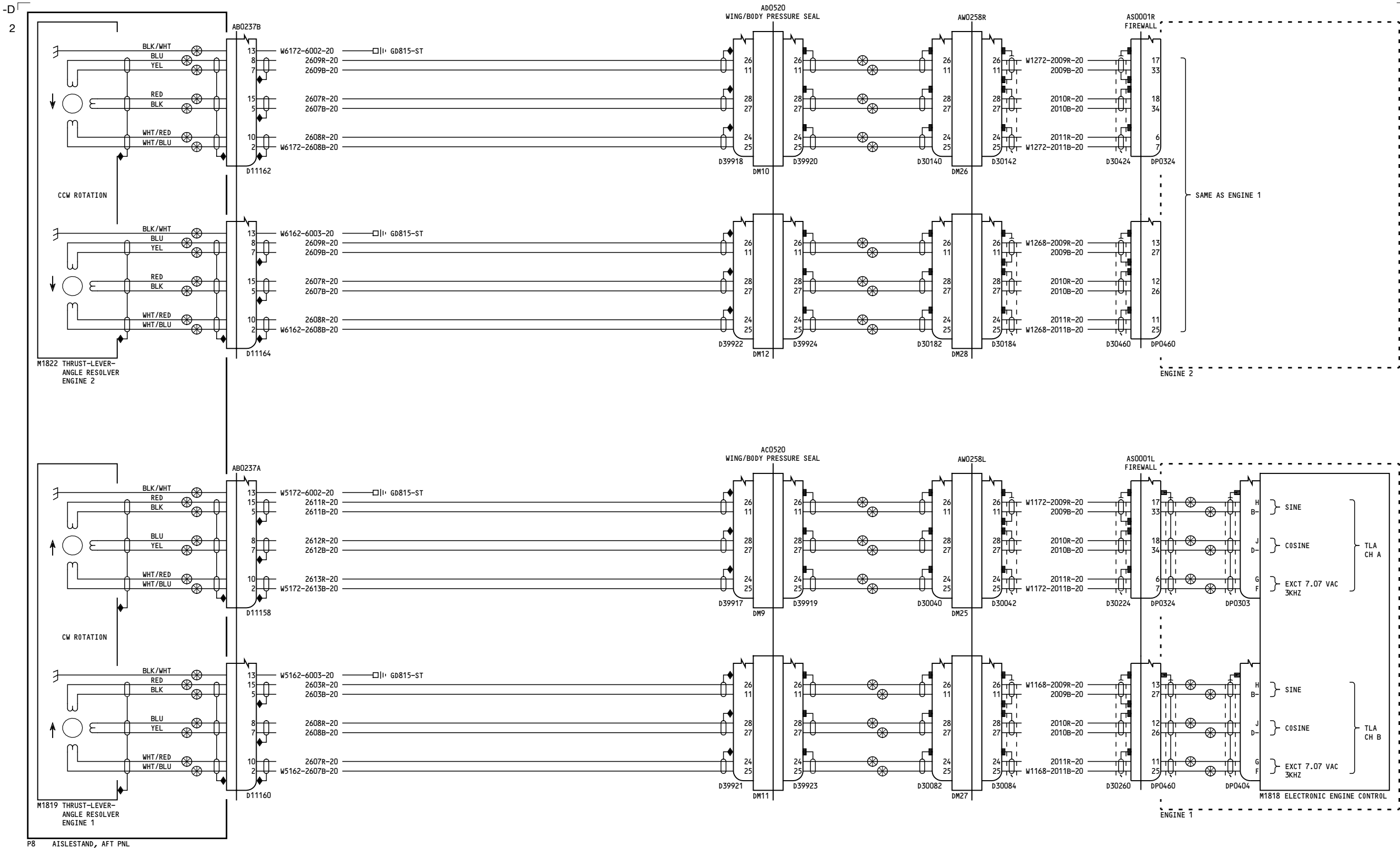
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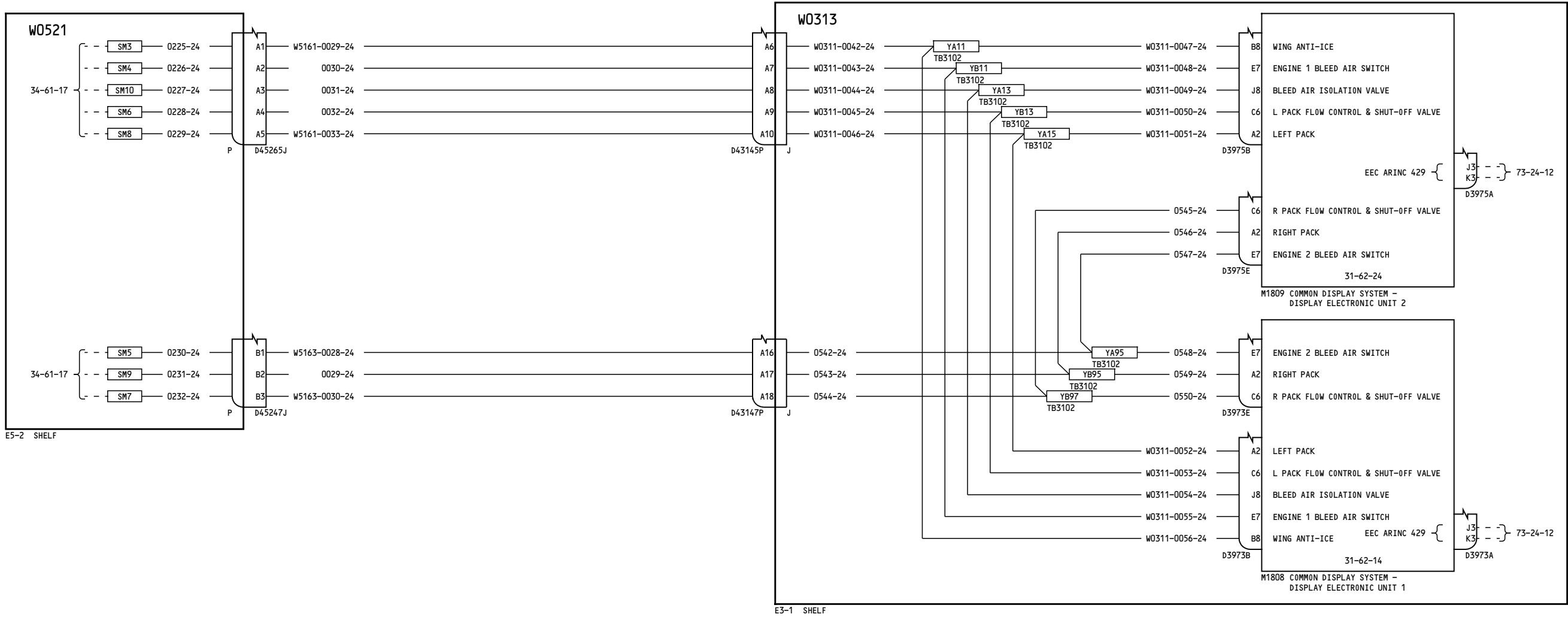
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**ENGINE BLEED AIR
THRUST CONTROL**

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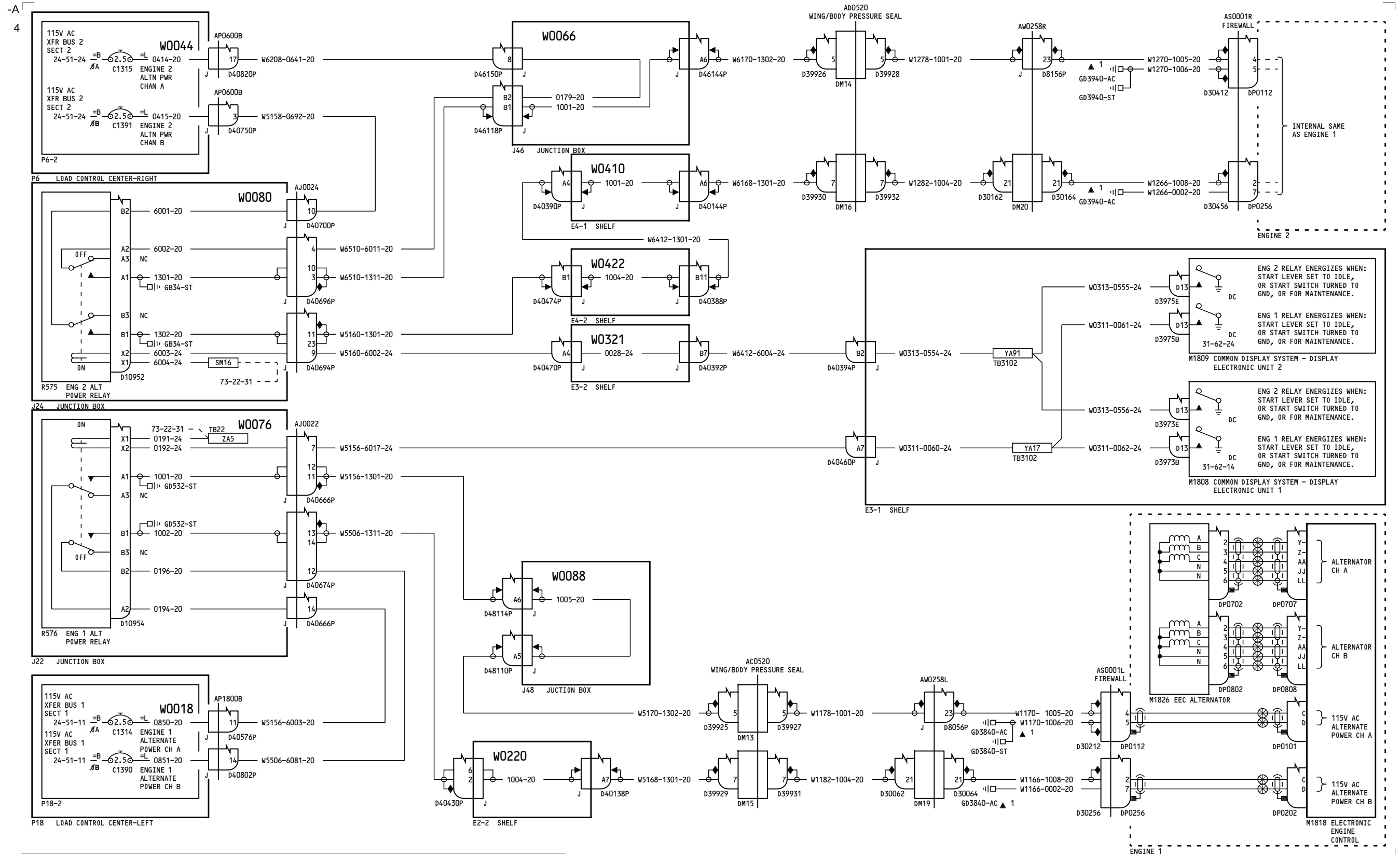
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**ELECTRONIC ENGINE CONTROL
ELECTRICAL POWER**

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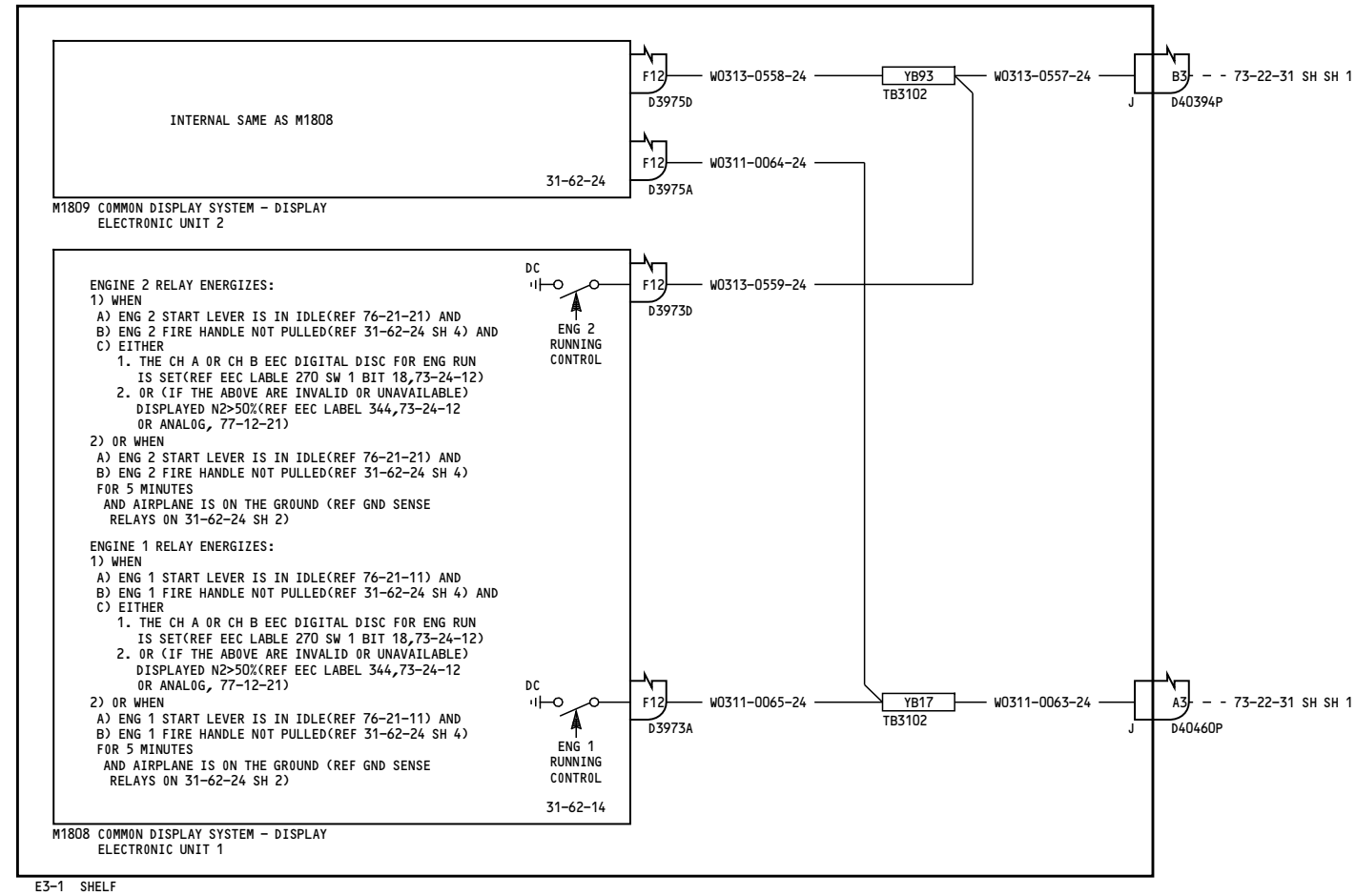
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YT101-YT103

ENGINE RUNNING CONTROL

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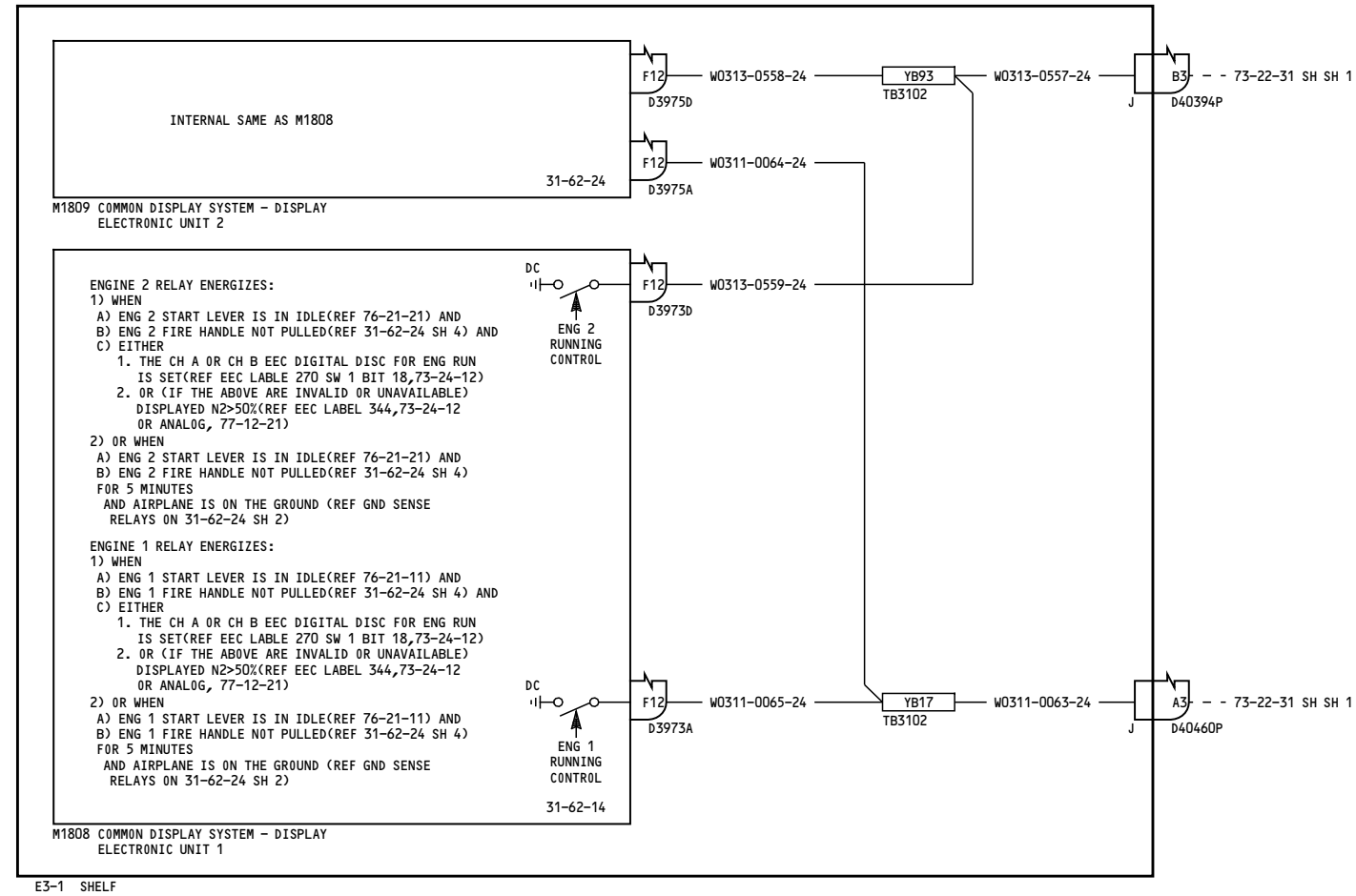
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YT104-YT133

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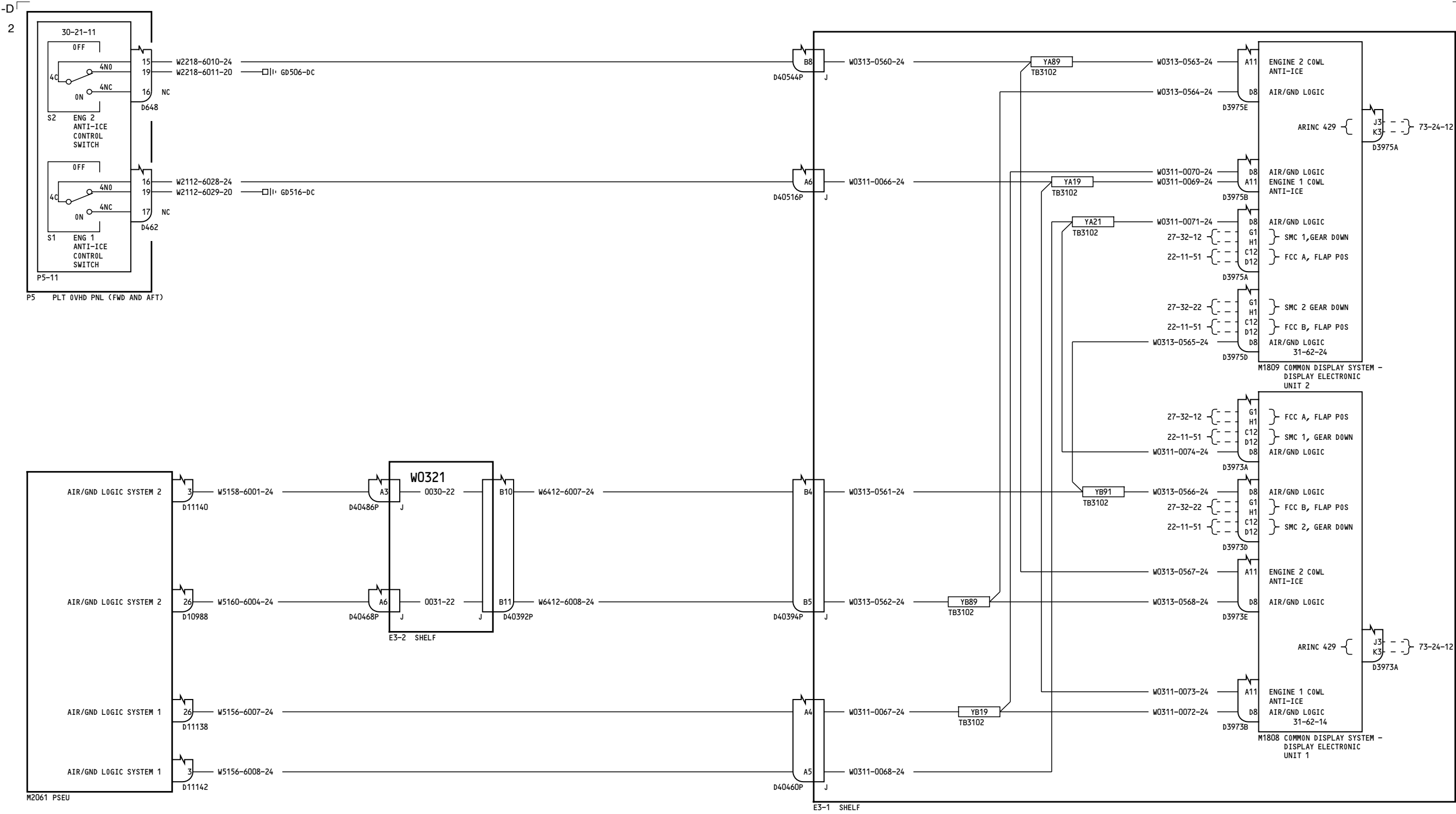
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ENGINE IDLE CONTROL

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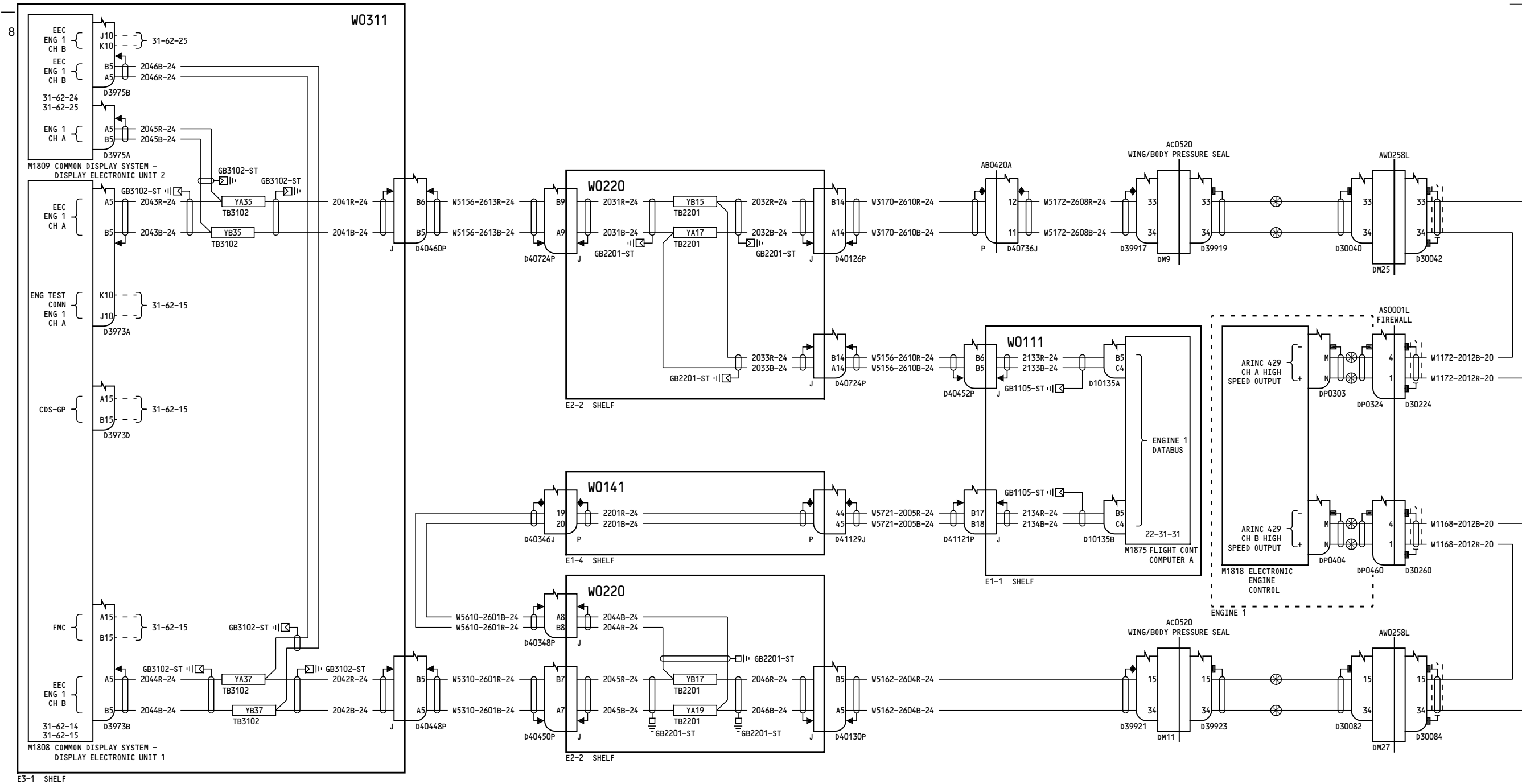
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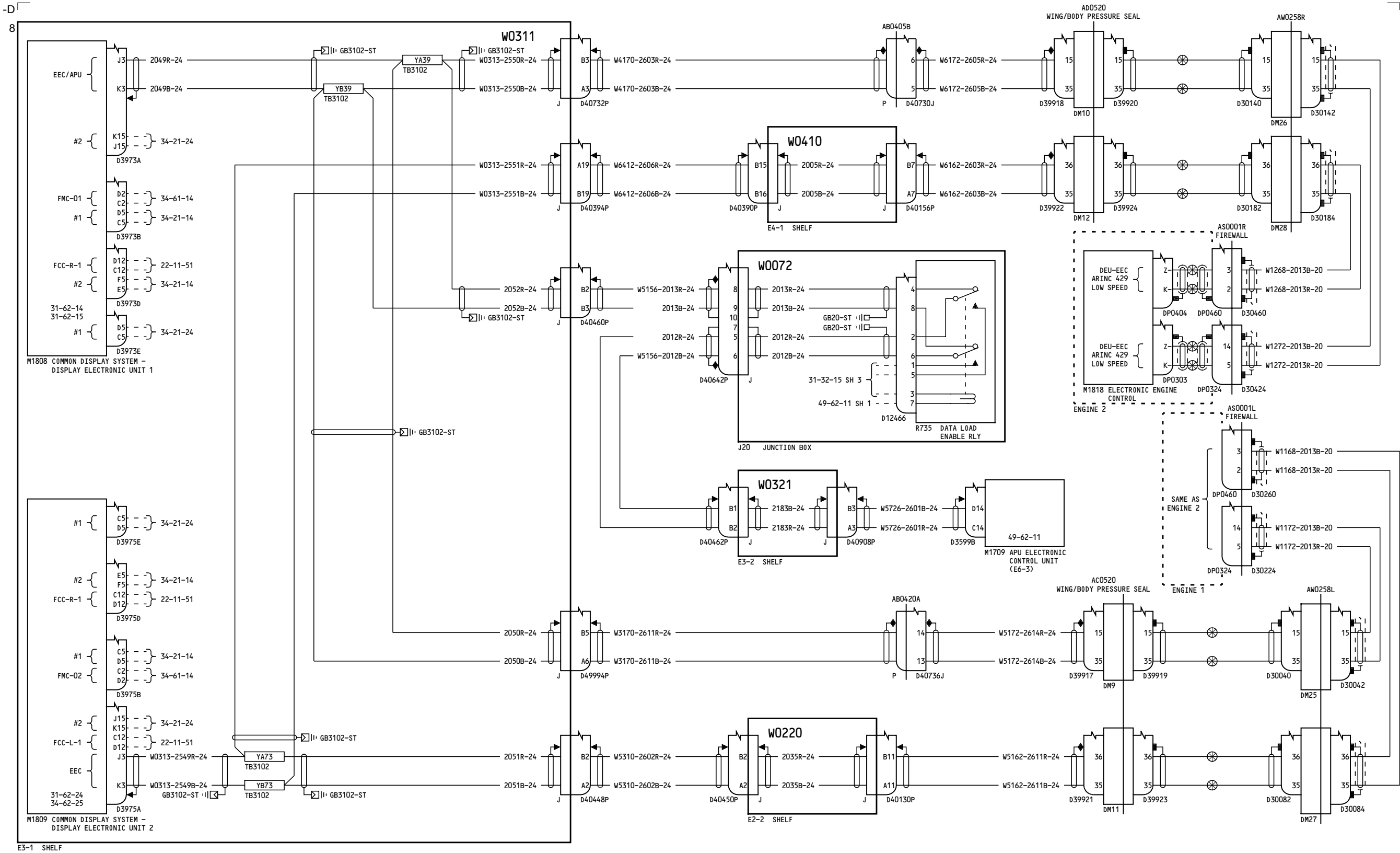
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ENGINE DATABUS INPUT

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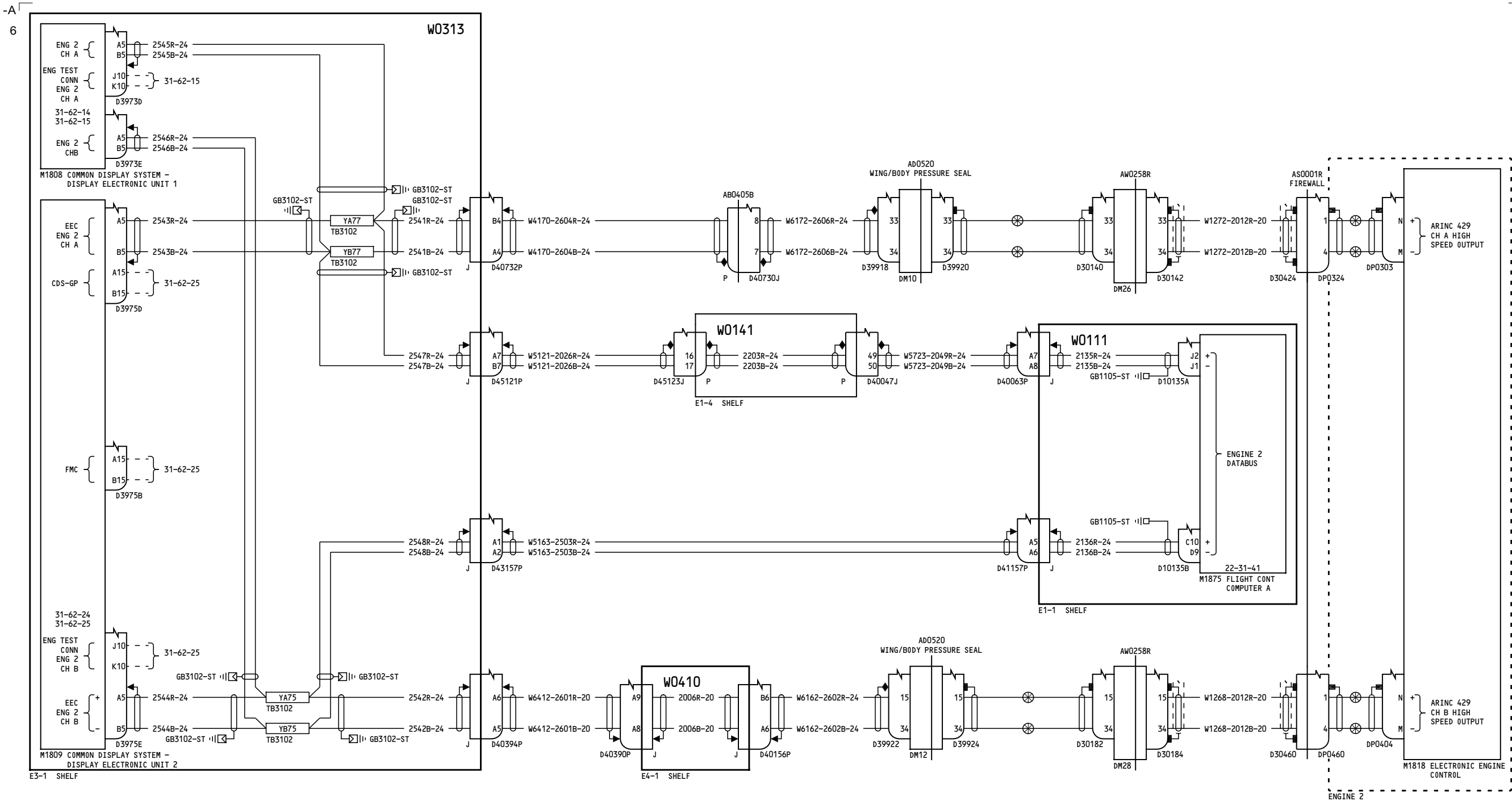
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ENGINE 2 DATABUS OUTPUT

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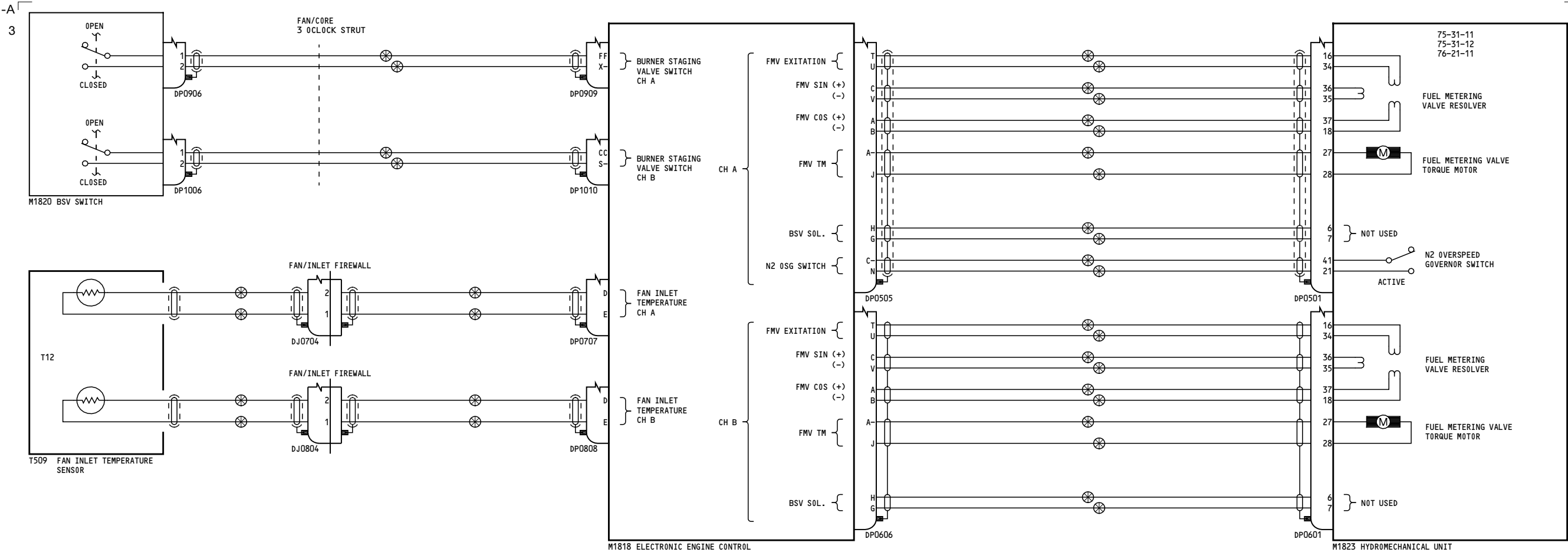
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NOTES:
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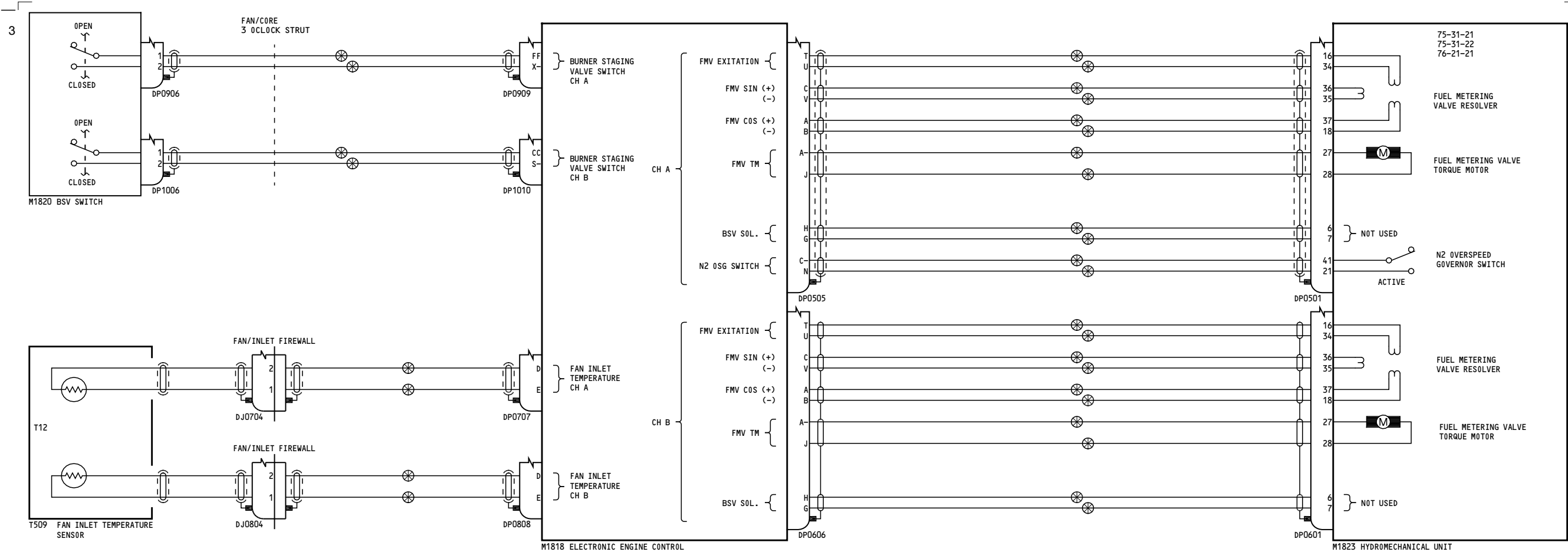
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ENGINE 2 FUEL CONTROL

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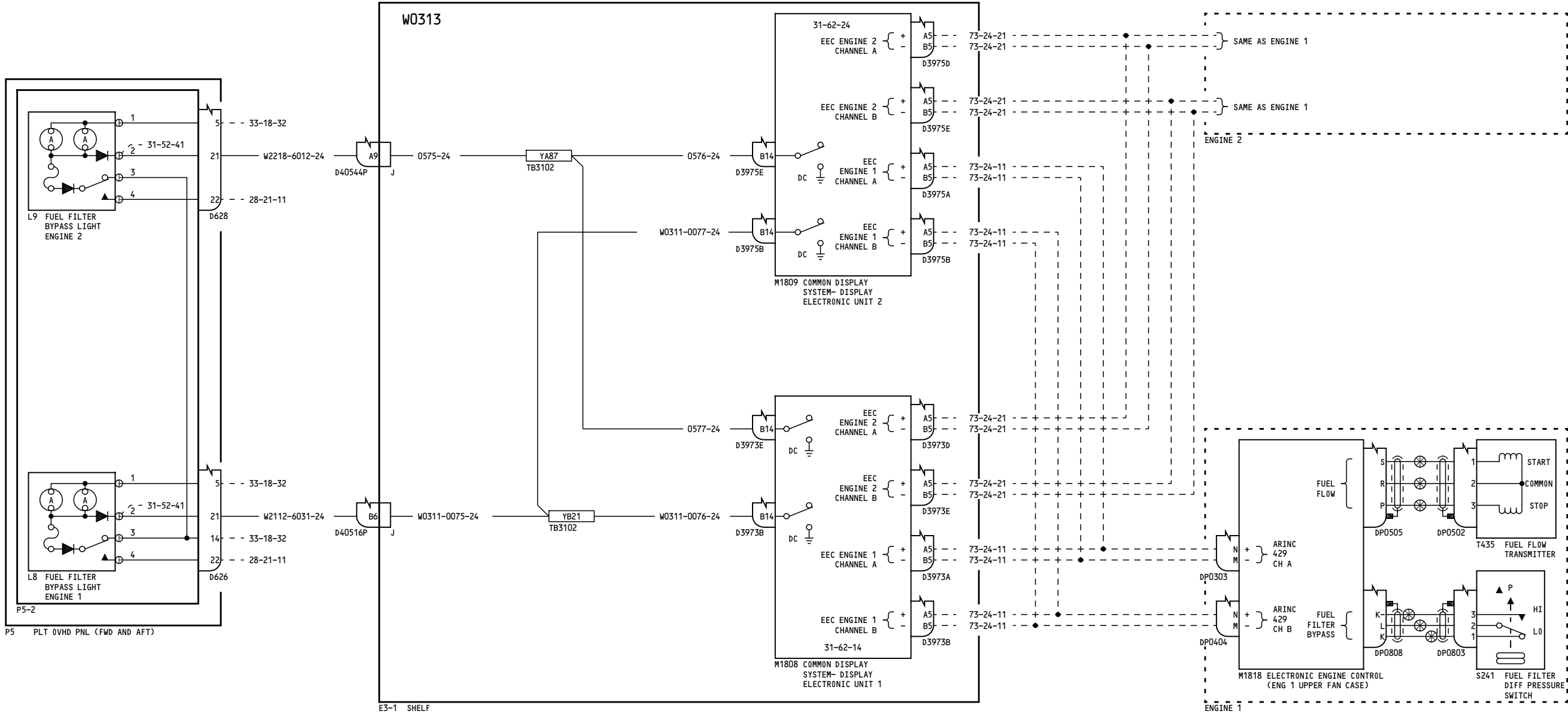
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ENGINE FUEL SYSTEM
INDICATION

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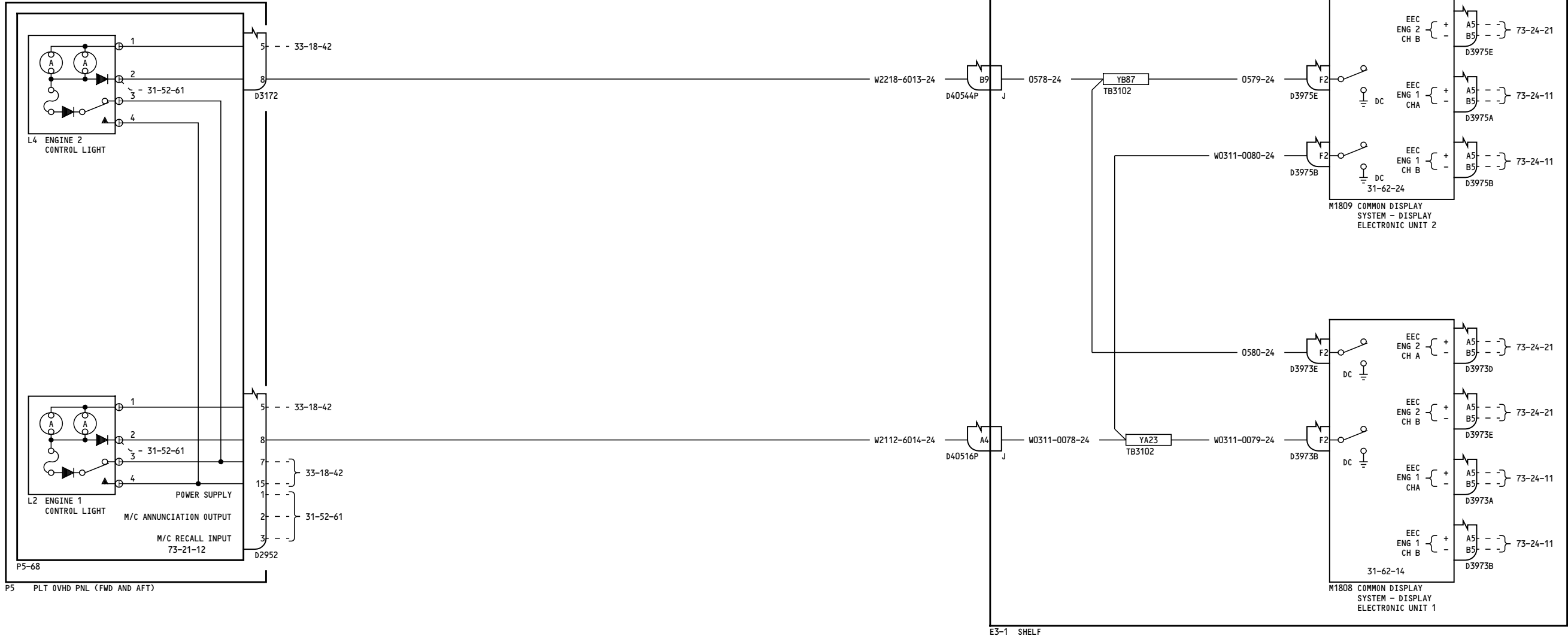
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ALL	ENGINE CONTROL EEC FAULT INDICATION
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