



CHAPTER 28 FUEL

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

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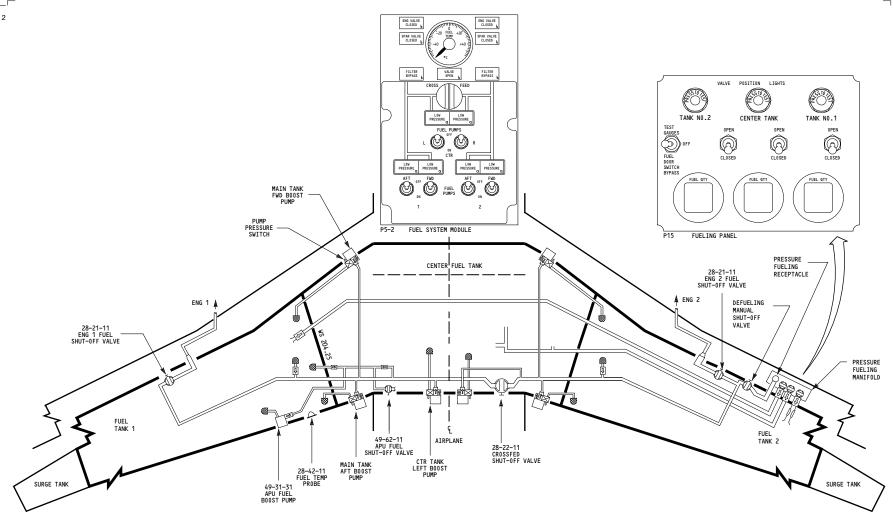
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FUEL SYSTEM CONTROL

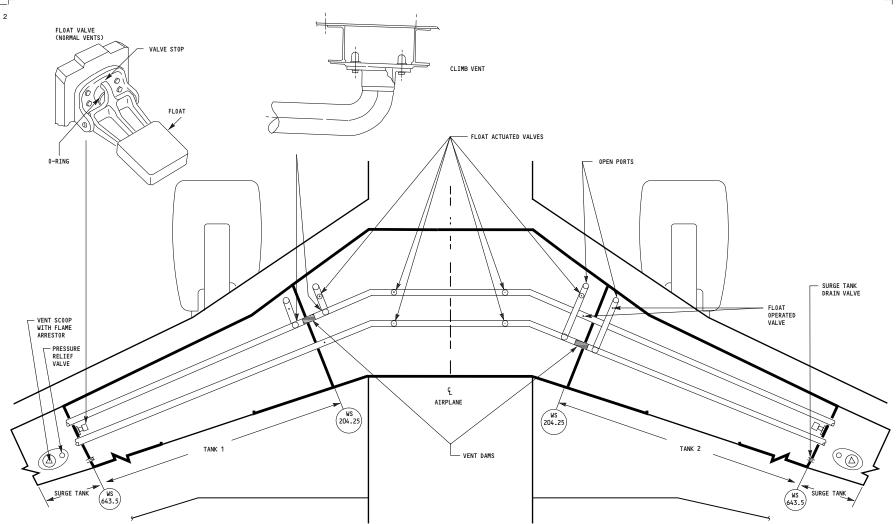
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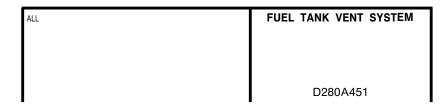
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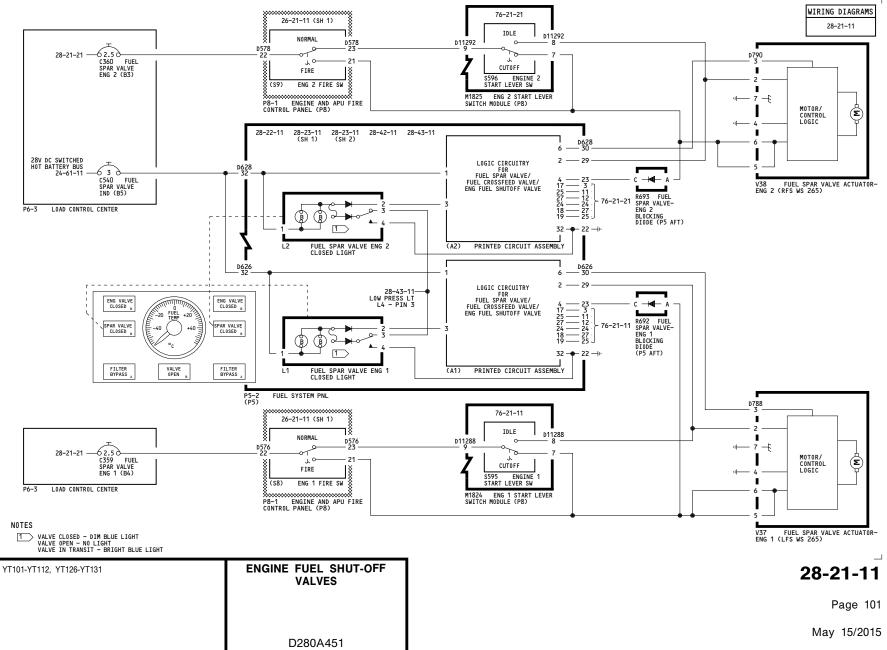
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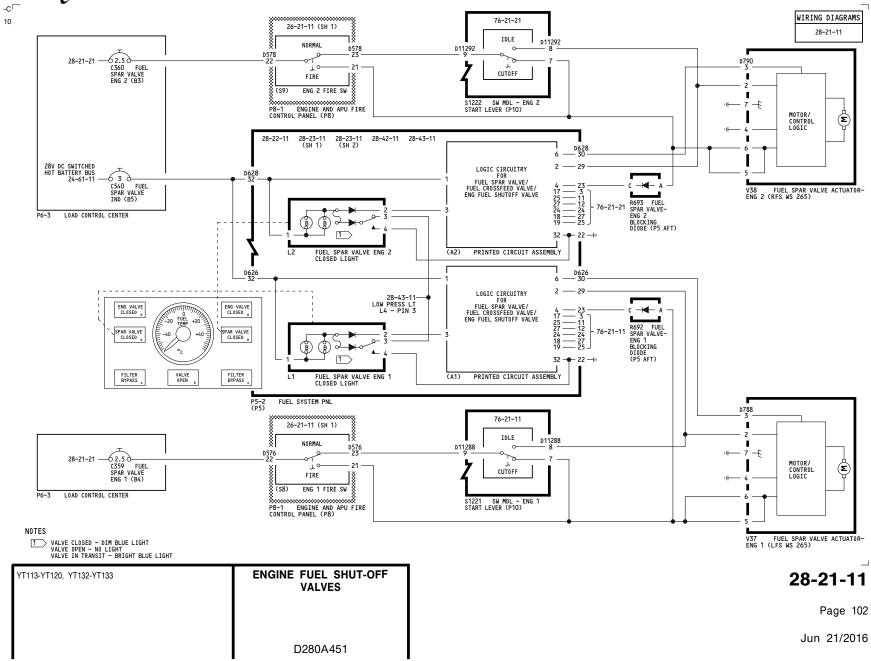
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737-800 SYSTEM SCHEMATIC MANUAL



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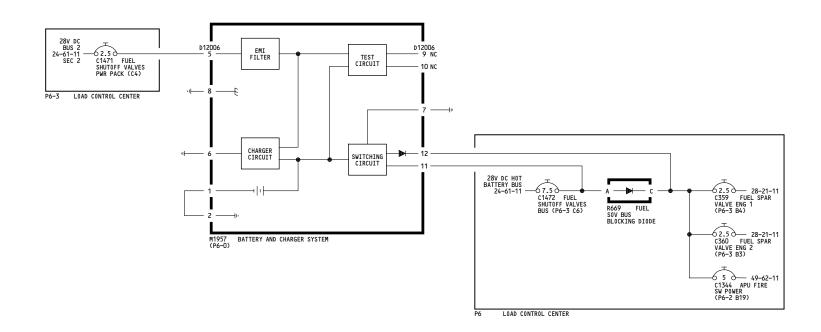




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WIRING DIAGRAMS 28-21-21



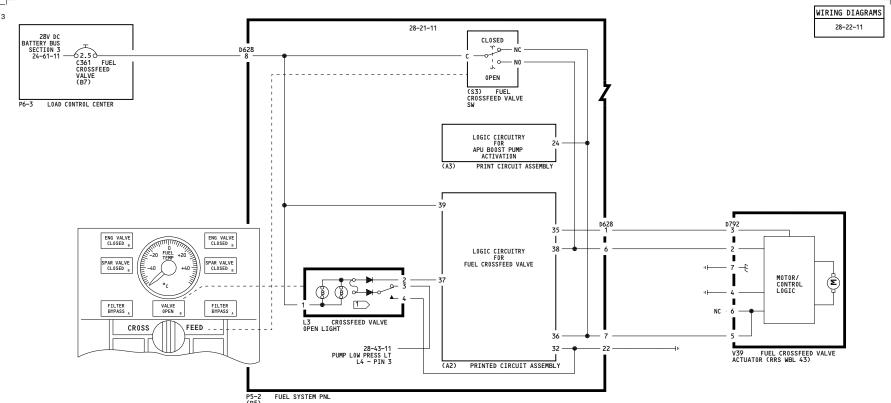
| ALL | BATTERY AND CONTROL POWER ENGINE SPAR AND APU FUEL VALVES |
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NOTES:

VALVE CLOSED - NO LIGHT
VALVE OPEN - DIM LIGHT
VALVE IN TRANSIT - BRIGHT LIGHT

| ALL | FUEL CROSSFEED VALVE |
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28-22-11

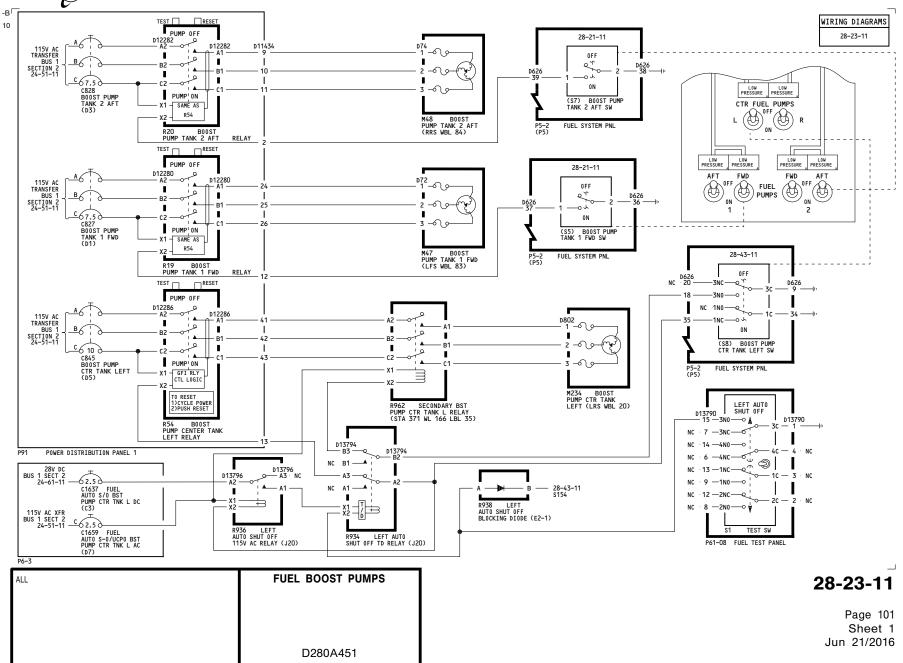
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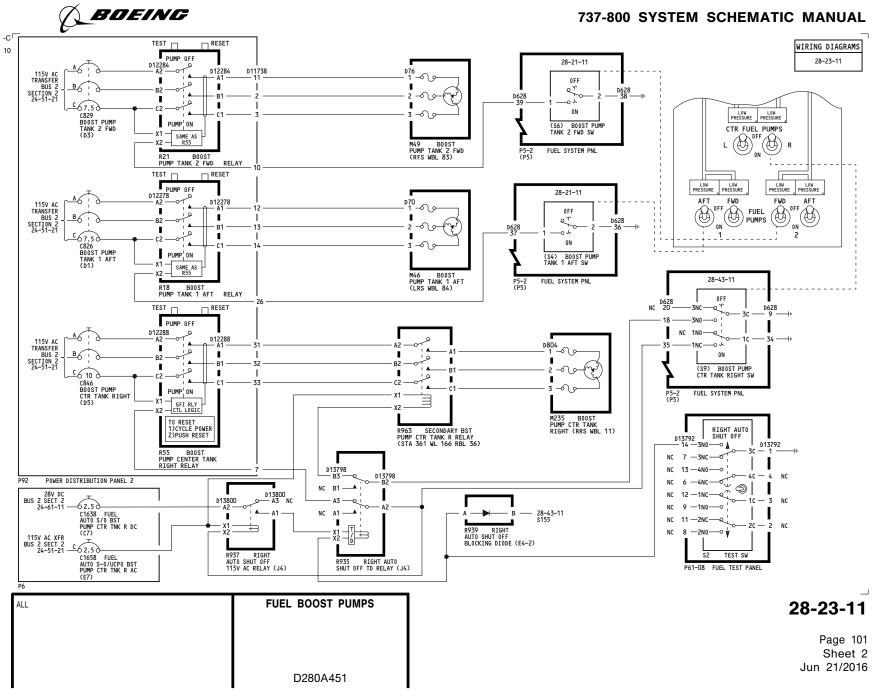
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737-800 SYSTEM SCHEMATIC MANUAL





BOEING 737-800 SYSTEM SCHEMATIC MANUAL 28V DC WIRING DIAGRAMS 28-44-11 D944 (SH 1) 28-41-11 (SH 2) 12 M1828 TANK 1 CONNECTING ASSEMBLY BUS 1 SECTION 2 D11312 28-41-11 D11352(J6) 1 28V DC | PWR 1 -62.56 B3 — OFF D944 24-61-11 C397 FUEL QTY 1 (A6) HI-Z 8 HI-Z SHLD 19 2 28V DC TANK 1 RTN 1 HI-Z 28V DC HOT BATTERY BUS 24-61-11 -28-44-11 (SH 2) SHLD F15L COMP C1441 L0-Z 22 POWER ON F12R -D11354 (J7) 2 28V DC RTN 2 HI-Z R11 REFUELING POWER SELECT RLY (P6) F11R 28V DC BATTERY BUS L0-Z · 001 SHLD RIGHT SECTION 3 24-61-11 MAIN 1 28V DC PWR 2 F1L TU1 F10R--62.56 C398 FUEL QTY 2 (A5) TANK HI-Z 34-61-14 34-61-14 D11306 (J2) 18 (+) D3263 SHIELD JPRS L0-Z SHLD P6-3 LOAD CONTROL CENTER FUEL QTY -ARINC BUS F2L TU2 HI-Z -F6R R475 FMCS TRANSFER RELAY 1 (E5-2) L0-Z D3261A E5 — SHLD F2R~ FUEL QTY 4 F3L TU3 ARINC BUS D11306 ABSENT 12 — HI-Z L0-Z M1632 FLIGHT MANAGEMENT COMPUTER 2 (E5-2) SHLD F15R~ DENSITOMETER - PRESENT 10 · NC 28-44-11 (SH 2) F4L TU4 D4578 COMMON 11 34-61-13 (SH 1) D2179A FUEL QTY HI-Z E5 ARINC BUS L0-Z - F8C FUEL QTY 4 SHLD F7C F5L TU5 F6C - F5C REFUELING M1175 FLIGHT MANAGEMENT COMPUTER 1 (E5-2) HI-Z L0-Z F15C COMPENSATOR CENTER SHLD (3 PLACES) TANK 31-62-14 (SH 4) F6L TU6 FUEL QTY - K5 25 (+) ARINC BUS FQPU-2 HI-Z F3C L0-Z F2C SHLD D11306 — 25 (+) ARINC BUS — 24 (-) FQPU A-1 F7L TU7 D3973D FUEL QTY - K5 J5 HI-Z L0-Z SHLD × F8L TU8 D3973B - F3L D11308 FUEL QTY - K5 F2L-HI-Z - 25 (+) ⁻ 24 (-) ARINC BUS FQPU-3 L0-Z F4L SHLD M1808 DISPLAY ELECTRONIC UNIT 1 (E3-1) F6L F9L TU9 M1827 FUEL QTY PROCESSOR UNIT (RADAR BAY (STA 225 LBL 19) F7L-HI-Z D3975B L0-Z FUEL QTY (K5 SHLD LEFT F10L TU10 MAIN TANK × HI-Z F10L D3975D L0-Z SHLD FUEL QTY - K5 F11L F11L TU11 × F12L HI-Z D3975A L0-Z SHLD J5 FUEL QTY { J5 TANK 1 K5 F12L TU12 FRONT SPAR \$.....× WS 257 M1809 DISPLAY ELECTRONIC UNIT 2 (E3-1) TANK 1

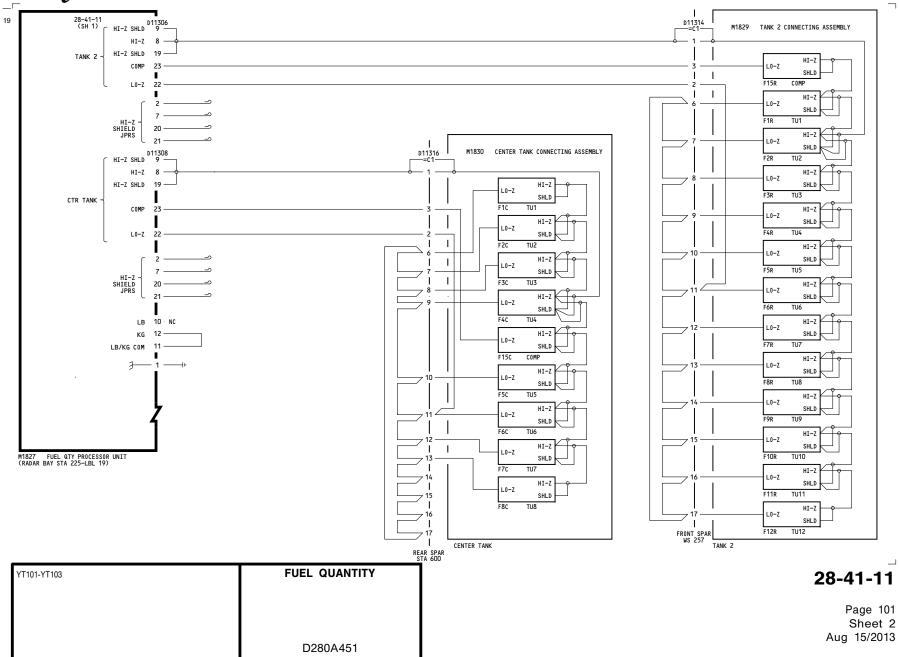
YT101-YT103 FUEL QUANTITY

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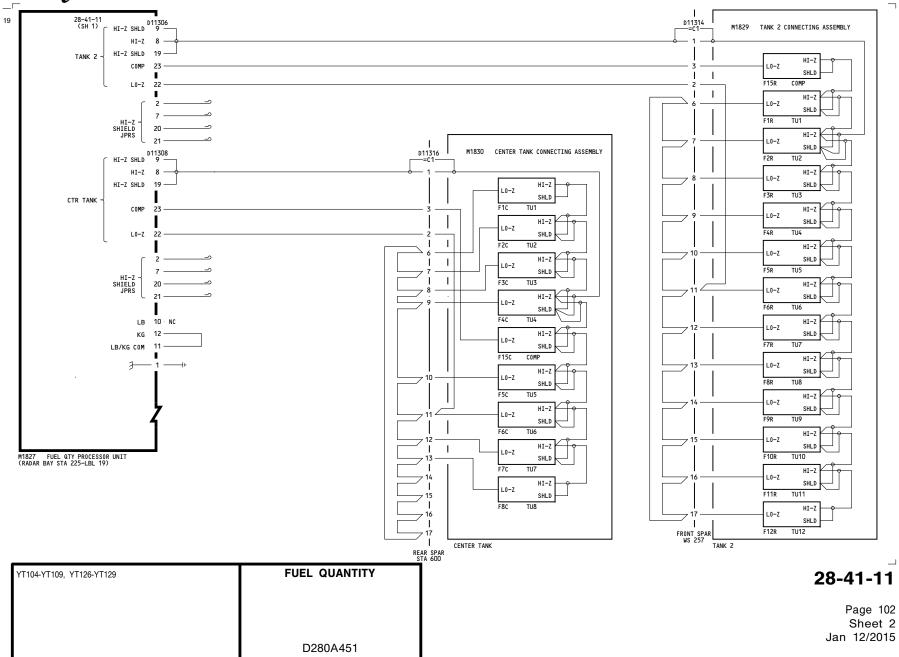
BOEING 737-800 SYSTEM SCHEMATIC MANUAL 28V DC WIRING DIAGRAMS 28-44-11 D944 (SH 1) 28-41-11 (SH 2) 12 M1828 TANK 1 CONNECTING ASSEMBLY BUS 1 SECTION 2 D11312 28-41-11 D11352(J6) 1 28V DC | PWR 1 -62.56 B3 — OFF D944 24-61-11 C397 FUEL QTY 1 (A6) HI-Z 8 HI-Z SHLD 19 2 28V DC TANK 1 RTN 1 HI-Z 28V DC HOT BATTERY BUS 24-61-11 -28-44-11 (SH 2) SHLD F15L COMP C1441 L0-Z 22 POWER ON F12R -D11354 (J7) 2 28V DC RTN 2 HI-Z R11 REFUELING POWER SELECT RLY (P6) F11R 28V DC BATTERY BUS L0-Z · 001 SHLD RIGHT SECTION 3 24-61-11 MAIN 1 28V DC PWR 2 F1L TU1 F10R--62.56 C398 FUEL QTY 2 (A5) TANK HI-Z 34-61-14 34-61-14 D11306 (J2) 18 (+) D3263 SHIELD JPRS L0-Z SHLD P6-3 LOAD CONTROL CENTER FUEL QTY -ARINC BUS F2L TU2 HI-Z -F6R R475 FMCS TRANSFER RELAY 1 (E5-2) L0-Z D3261A E5 — SHLD F2R~ FUEL QTY 4 F3L TU3 ARINC BUS D11306 ABSENT 12 — HI-Z L0-Z M1632 FLIGHT MANAGEMENT COMPUTER 2 (E5-2) SHLD F15R~ DENSITOMETER - PRESENT 10 · NC 28-44-11 (SH 2) F4L TU4 D4578 COMMON 11 34-61-13 (SH 1) D2179A FUEL QTY HI-Z E5 ARINC BUS L0-Z - F8C FUEL QTY 4 SHLD F7C F5L TU5 F6C - F5C P15 PANEL REFUELING M1175 FLIGHT MANAGEMENT COMPUTER 1 (E5-2) HI-Z L0-Z F15C COMPENSATOR CENTER SHLD (3 PLACES) TANK 31-62-14 (SH 4) F6L TU6 FUEL QTY - K5 25 (+) ARINC BUS FQPU-2 HI-Z F3C L0-Z F2C SHLD D11306 — 25 (+) ARINC BUS — 24 (-) FQPU A-1 F7L TU7 D3973D FUEL QTY - J5 TANK 2 K5 J5 HI-Z L0-Z SHLD × F8L TU8 D3973B - F3L D11308 FUEL QTY - K5 F2L-HI-Z - 25 (+) ⁻ 24 (-) ARINC BUS FQPU-3 L0-Z F4L SHLD M1808 DISPLAY ELECTRONIC UNIT 1 (E3-1) F6L F9L TU9 M1827 FUEL QTY PROCESSOR UNIT (RADAR BAY (STA 225 LBL 19) F7L-HI-Z D3975B L0-Z FUEL QTY (K5 SHLD LEFT F10L TU10 MAIN - 00-TANK × HI-Z F10L D3975D L0-Z SHLD FUEL QTY - K5 J5 F11L F11L TU11 × F12L HI-Z D3975A L0-Z SHLD J5 FUEL QTY - K5 F12L TU12 FRONT SPAR \$.....× WS 257 M1809 DISPLAY ELECTRONIC UNIT 2 (E3-1) TANK 1 **FUEL QUANTITY** YT104-YT109, YT126-YT129 28-41-11

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WIRING DIAGRAMS 28-41-11

31-35-07

A B D22950

J12) FQPU-1

K12 FQPU-1

K12 FQPU-1

(E3-2) 9FDAU

31-62-14 (SH 1)

D39730

D39730

J5 J284111 (SH 1)

D11306 (J2)

Z5(+)

ARINC BUS FQPU-1

Z4(-)

M1808 DEU1

(RADAR BAY (STA 225 LB. 19)

A SEPARATE WIRE PROVISION BUS FQPU-1 FROM ARINC 429 BUSSES FQPU-2 AND FQPU-3.

B WHEN SELECTED, ACMS (FQPU/DFDAU WIRE CONNECTED) CUSTOMER OPTION REPLACES WIRE PROVISION.

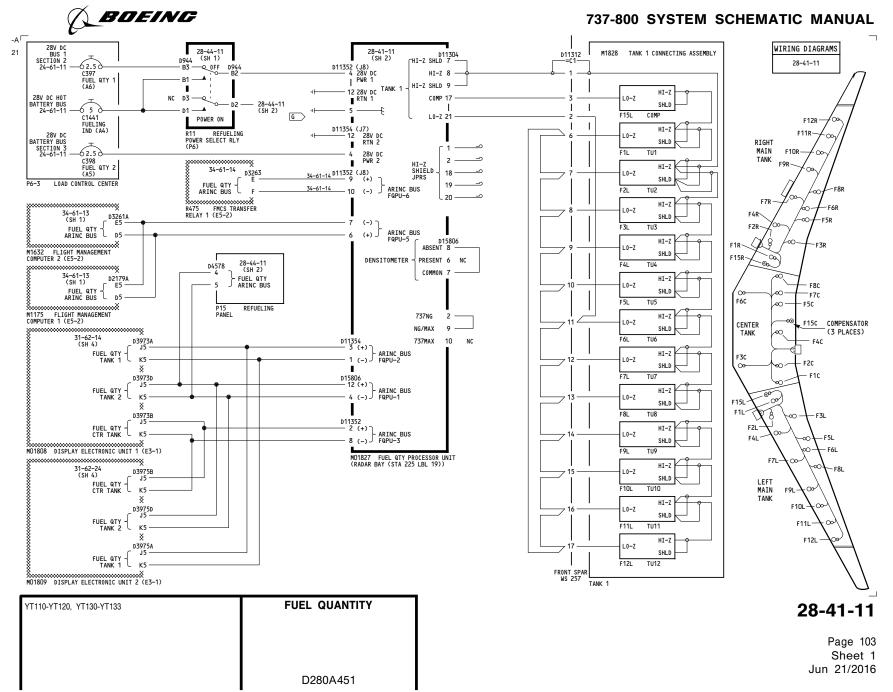
FOR SHEET NUMBERING THIS SHEET APPLIES TO DFDAU WIRE PROVISION WITHOUT DENSITOMETER.

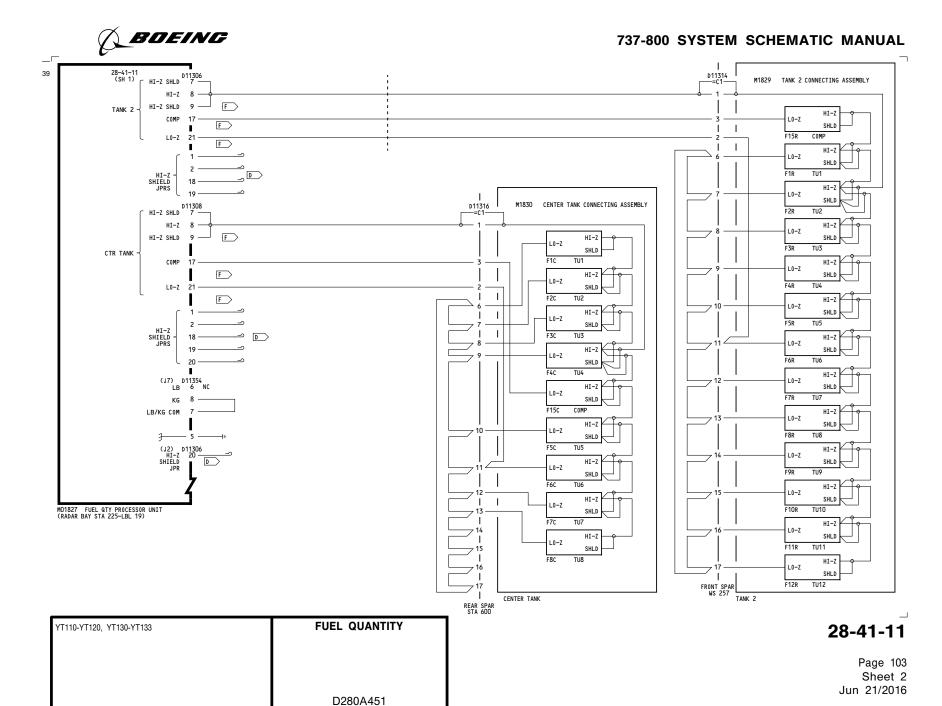
| YT104-YT109, YT126-YT129 | FUEL QUANTITY |
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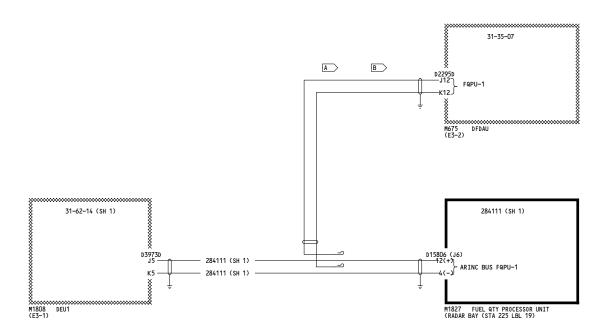




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WIRING DIAGRAMS 28-41-11



A SEPARATE WIRE PROVISION BUS FQPU-1 FROM ARINC 429 BUSSES FQPU-2 AND FQPU-3.

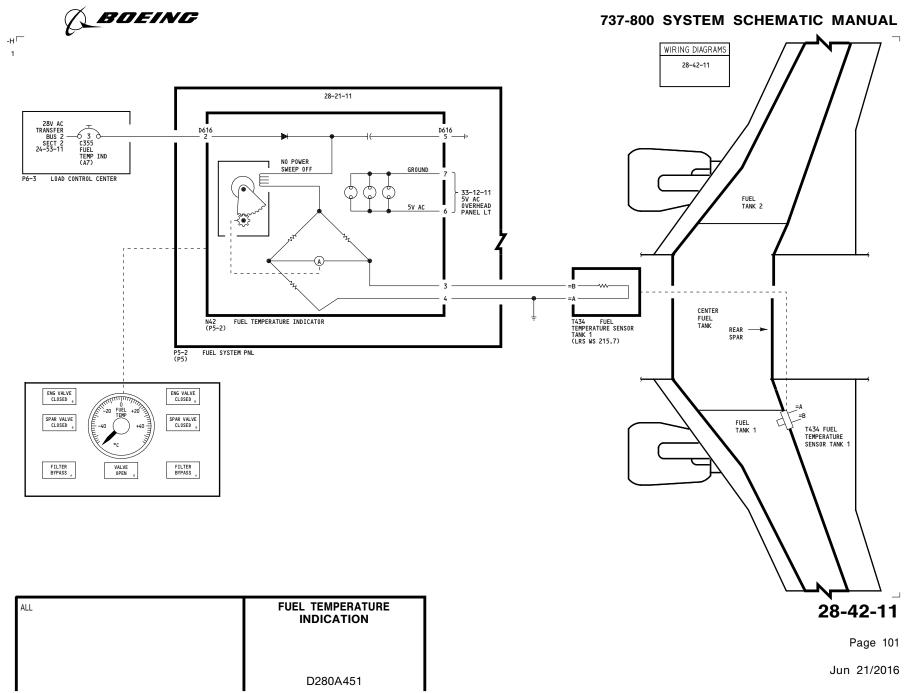
B WHEN SELECTED, ACMS (FQPU/DFDAU WIRE CONNECTED) CUSTOMER OPTION REPLACES WIRE PROVISION.

FOR SHEET NUMBERING THIS SHEET APPLIES TO DFDAU WIRE PROVISION WITHOUT DENSITOMETER.

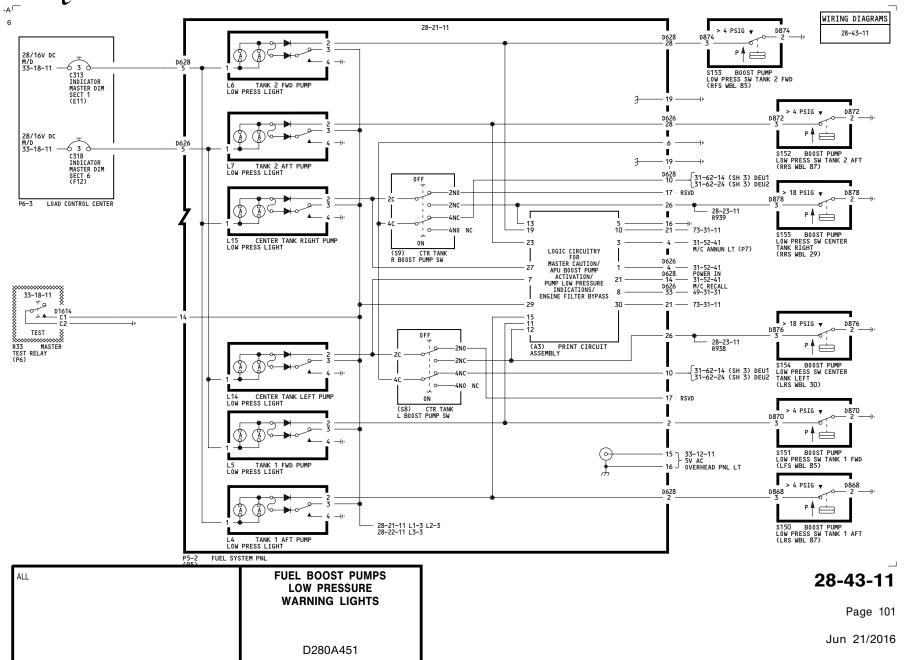
| YT110-YT120, YT130-YT133 | FUEL QUANTITY |
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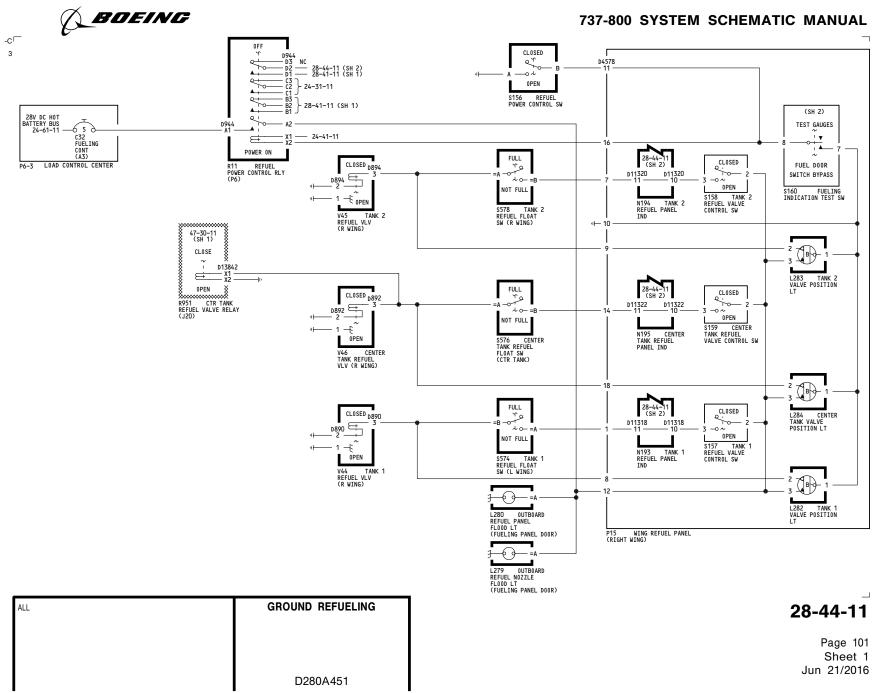






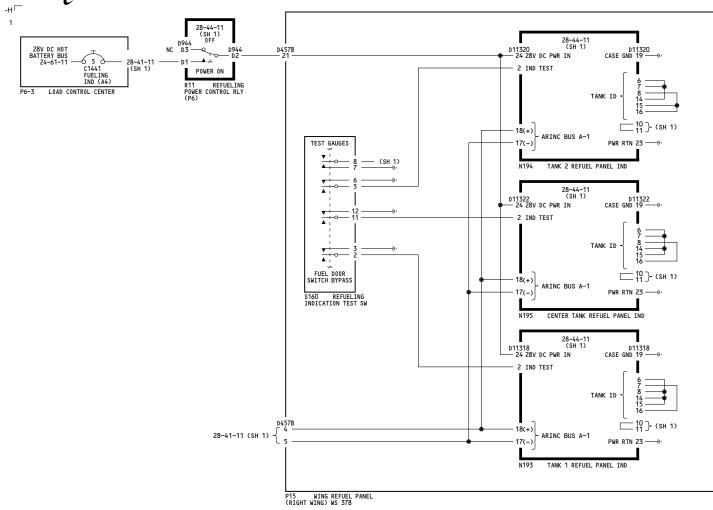
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ALL GROUND REFUELING

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