

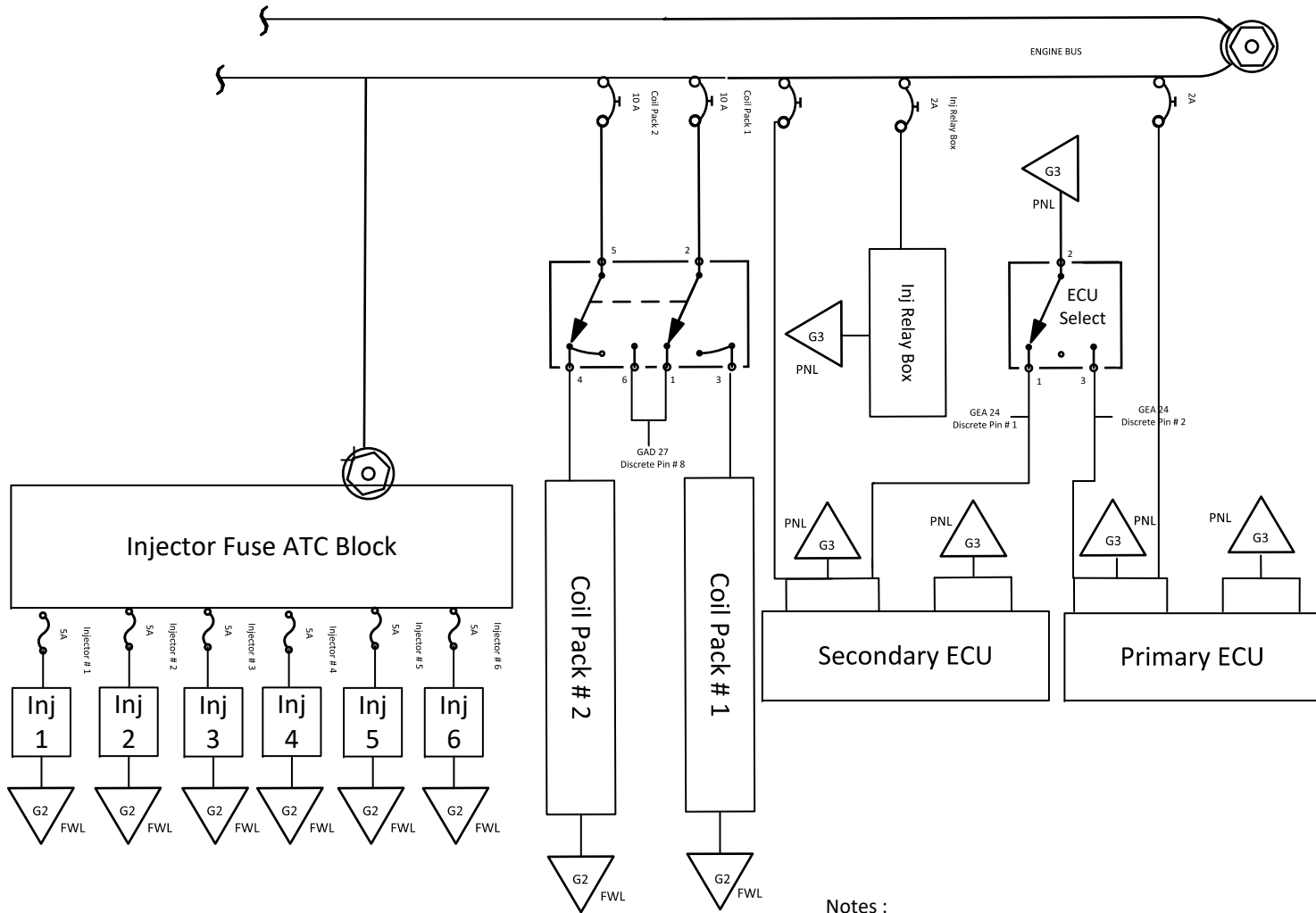
Title	C-GROK – Battery / Alternator			
Author	Les Kearney			
File	H:\RV10\GROK\Electrical\Wiring\ESysV51.vsd			
Version	6.0	Date	2020 Dec 21	1-Pwr

- = INSTRUMENT PANEL GROUND BUS
- = ENGINE CRANKCASE GROUND
- = FIREWALL
- = AVIONICS GROUND BUS
- = BATTERY GROUND IN TAIL CONE
- = 2AWG EQUAL STRAP
- = BRAIDED BOND STRAP
- = 6 INCHES OR LESS
- = REDUNDANT GROUNDS DO NOT SHARE CONDUCTORS OR TERMINALS

Changes

Honeywell switch part numbers corrected
 Added GAD 27 pinouts for:
 1) ECU aux power feed
 2) Aux Alternator on/off

SDSEFI & G3X Dual ECU / Coil Pack / Injector Power & Ground Wiring



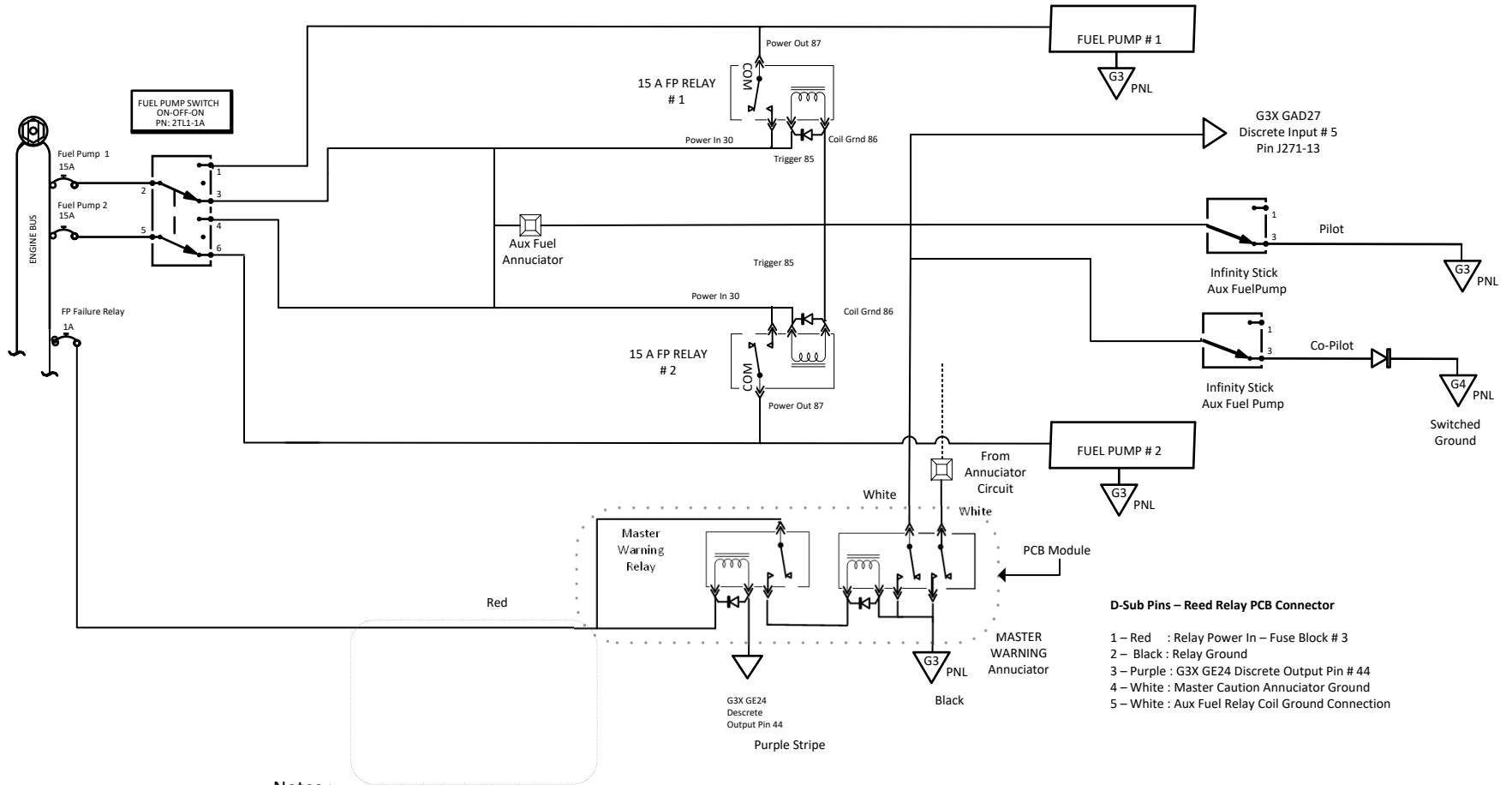
Notes :

- Switches are Honeywell Mil-Spec PN # 2TL1-12A DPDT (On-Both-On) Honeywell Mil-Spec PN # 1TL1-1A SPDT (On-Off-On)
- Only Power / Grounds shown

Title	C-GROK – G3X & SDS			
Author	Les Kearney			
	H:\RV10\GROK\Electrical\Wiring\ESysV51.vsd			
Version	6.0	Date	2020 Dec 21	2 – DUAL ECU

Changes	Honeywell switch part numbers corrected Corrected coil pack discrete pin spec. Changed from GEA discrete pin # 4 GAD 27 discrete pin # 8 (active high).
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Fuel Pump Wiring Schematic – Integrated with G3X

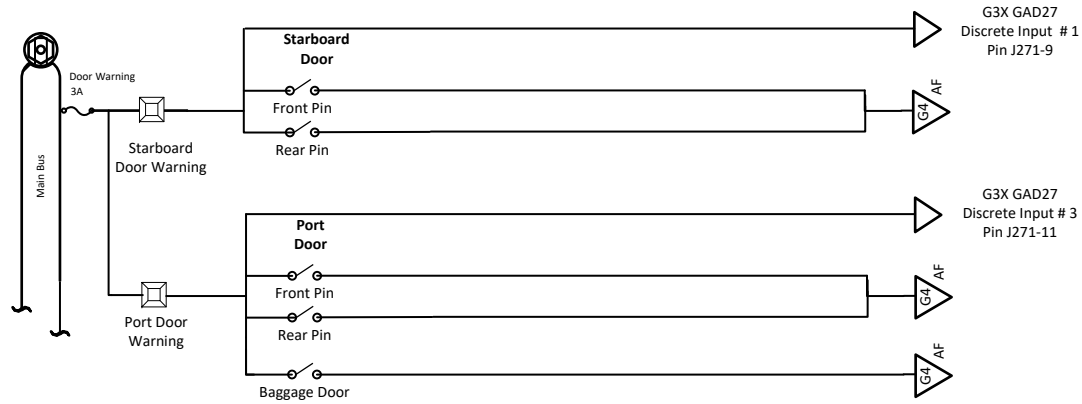


Notes :

- FP Relays : TE Connectivity Part # 1432772-1 / Digikey PB685-ND
- Master Warning Relay 1 (SPST) : Littlefuse Inc Part # HE721A1210 / Digikey HE103-ND
- Master Warning Relay 2 (DPST): Littlefuse Inc Part # HE722A1210 / Digikey HE109-ND
- Littlefuse relays have integral diodes
- TE Connectivity Power Relays are wired with Perhelion Design bi-direction zener diodes

Title	C-GROK – G3X Fuel Pumps			
Author	Les Kearney			
	H:\RV10\GROK\Electrical\Wiring\ESysV51.vsd			
Version	6.0	Date	2020 Dec 21	3-G3X & FUEL

G3X Door Warning

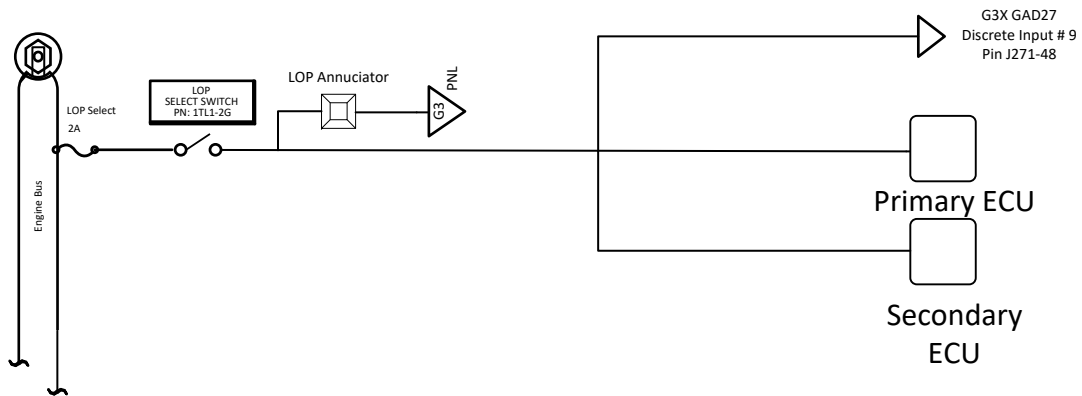


Notes :

- Door Pin Reed Switches FP Relays : Littelfuse Inc. Part # 59025-040 / Digikey 59025-040-ND

Title	C-GROK – Door Warning		
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Version	6.0	Date	2020 Dec 21
			4-G3X & Doors

G3X LOP Wiring



Title	C-GROK – LOP Annunciator			
Author	Les Kearney			
	H:\RV10\GROK\Electrical\Wiring\ESysV51.vsd			
Version	6.0	Date	2020 Dec 21	5-G3X & LOP

changes	Honeywell switch part number corrected
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