

Circuit Breaker
Short Stop
Yellow 10awg wire
off pcb

Circuit Breaker
30A could be on pcb
and have #10 or
1/4" quick connect

AMP Mate-N-Lok
Single Row 6 PIN
643407-1 Polarized
P1
HEADER 6 AMP643407

AMP Mate-N-Lok
Single Row 5 PIN
643405-1 Polarized
P2
HEADER 5 AMP643405

AMP Mate-N-Lok
Single Row 8 PIN
643410-1 Polarized
P3
HEADER 8 AMP643410

Need to verify P2
Pins 3 & 6

AUX START 15 AMP F6	RADIO POWER AUX 10 AMP F2	STEP SW. PWR 5 AMP F7	S/O PWR RELAY K4
		STEP MTR PWR 20 AMP F8	S/O IGN RELAY K3
MAIN AWNING POWER (OPTION ONLY) 15 AMP F3	LPG/CO DETECTOR FROM MAIN 3 AMP F9	STEP IGN. 5 AMP F5	MAIN DISC. RELAY K2
LPG/CO DETECTOR FROM AUX. 3 AMP F1	SLIDE OUT IGNITION POWER (OPTION ONLY) F10 10 AMP	IGN. SIGNAL 10 AMP F4	AWNING RELAY K1

P1

- 1 – White, 14 AWG, 233 DB PRK BRK GRND
- 1 – Green, 14AWG, 529A IGN SO PWR
- 3 – Green, 18 AWG, LPG/CO DT
- 4 – White/Green, 18 AWG, MON BATT MAIN , 196
- 5 – Red, 12 AWG, MAIN STP PWR, 131
- 6 – Blue, 14 AWG, STP SW PWR, 132

P2

- 1 – White, 14 AWG, A STRT PWR, 106
- 2 – Pink, 12 AWG, OO3AA, MAIN IGN PWR
- 3 – White, 16 AWG, STP ING, 135
- 4 – Pink, 14 AWG, OO3BA MAIN IGN PWR
- 5 – Black, 14 AWG, GND, 150

P3

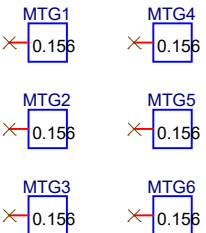
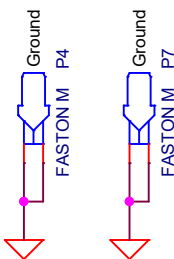
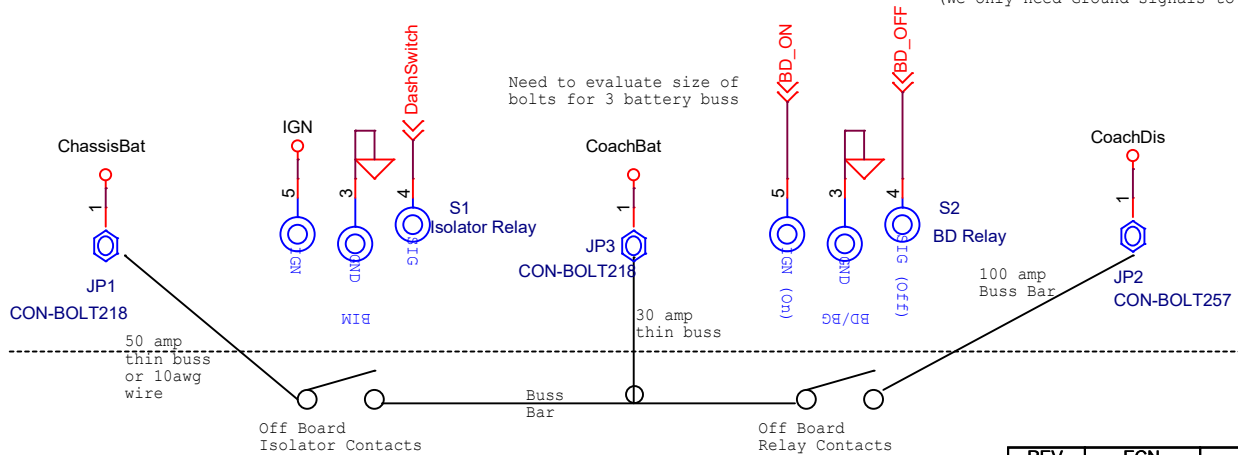
- 1 – White, 16 AWG, BD GN A ON, 475
- 2 – White, 14 AWG, A STRT SW, 107AA
- 3 – Brown, 16 AWG, BD A ON PWR, 474
- 4 – Green, 12 AWG , STP SW PWR
- 5 – White, 14 AWG, 461 A RAD PWR
- 6 – Yellow, 18 AWG, LPG CO DT A, 192
- 7 – White/Red, 18 AWG, LPG CO DT A, 197D
- 8 – White/Red, 18 AWG, LPG CO DT A,197B

Not Sure where BD Relay Rocker Switch
is getting Power and Ground.
(We only need Ground signals to Our BD)

RVCustom & Intellitec
White or Purple +
Brown or Grey -
causes BD to latch On
(reverse polarity is lath off)

BD If Used with just Sig input,
momentary ground signal will toggle.
BD is used at RVCustom replacement,
- applied to Sig(Off) will turn Off
- applied to (On) - will turn On

Changed RL4 and RL3
Coils to be in parallel
If RL3 fails, then RL4 does
does work.



REV	ECN	DATE	DESCRIPTION
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