

This is a set of diagrams for the electrical systems in Zark, Corbin Sparrow VIN 28. They are the result of a thorough job of reverse engineering, as I was never able to get drawings from Corbin.

It includes:

*) 3 block diagrams, with increasing level of detail:

[3 systems](#),
[simplified](#) and
[complete](#).

*) schematic diagrams:

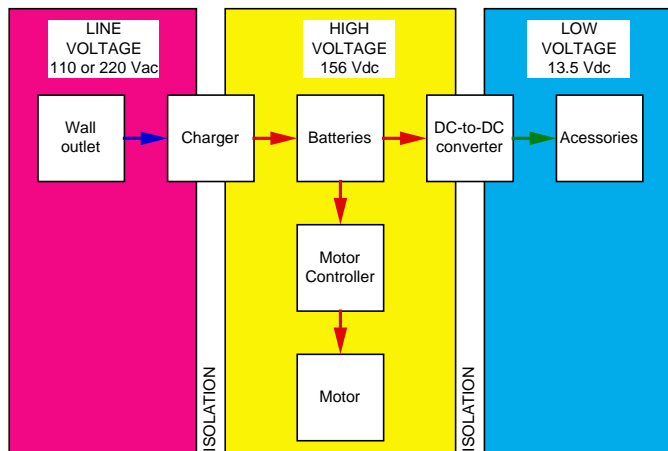
[VIN 28 schematic](#),
[EVCL \(DCP version\)](#)
[EVCL \(KiloVac version\)](#).
[EVCB](#)

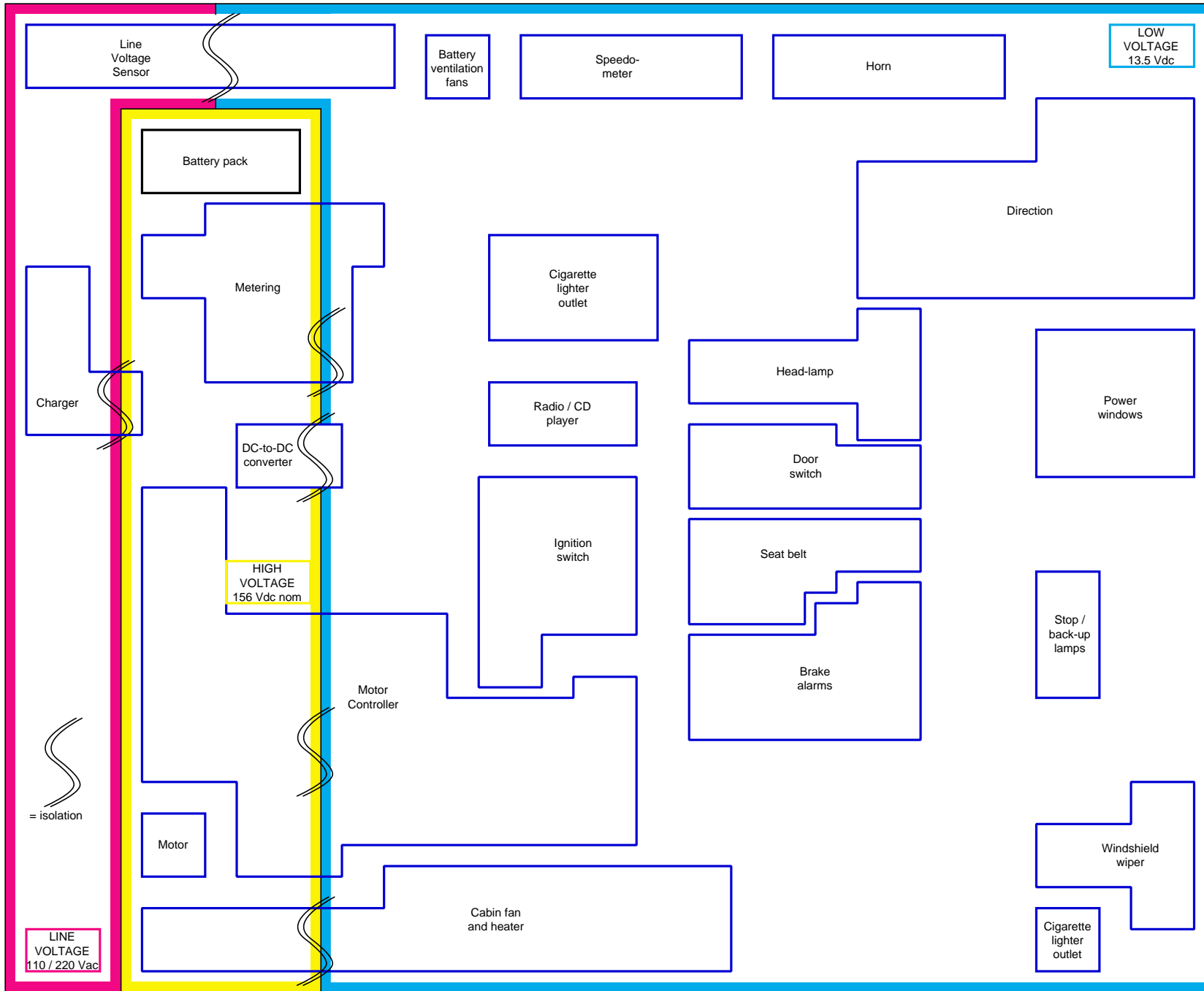
*) wiring diagrams:

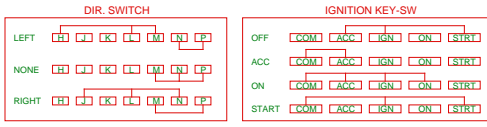
[VIN 28 wiring diagram](#)

Other Sparrows may very well be different.

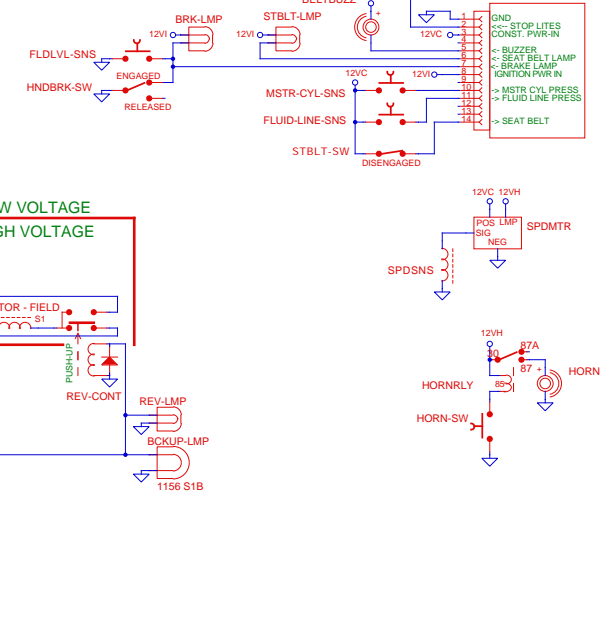
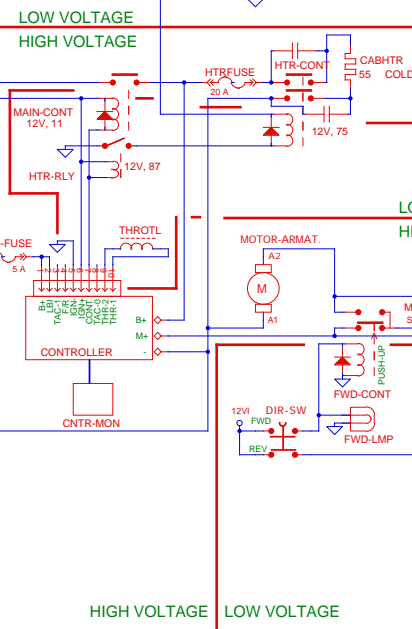
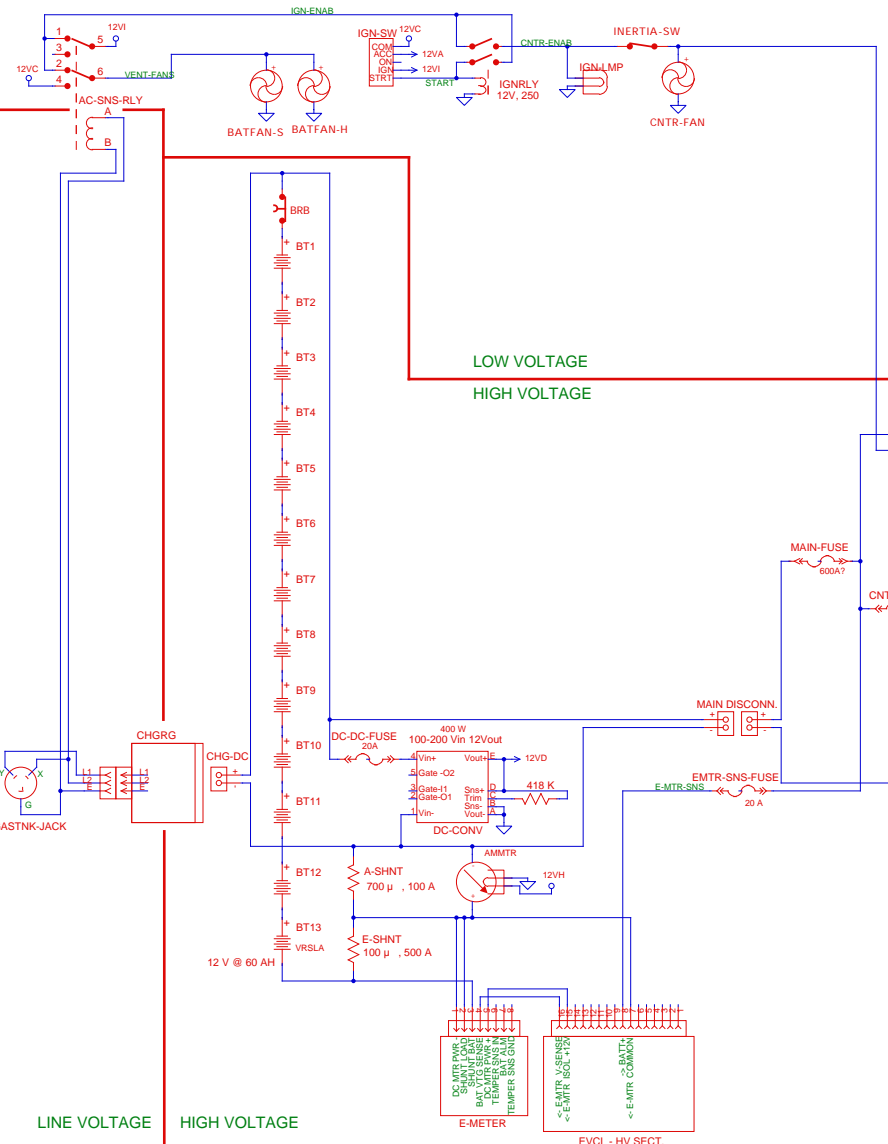
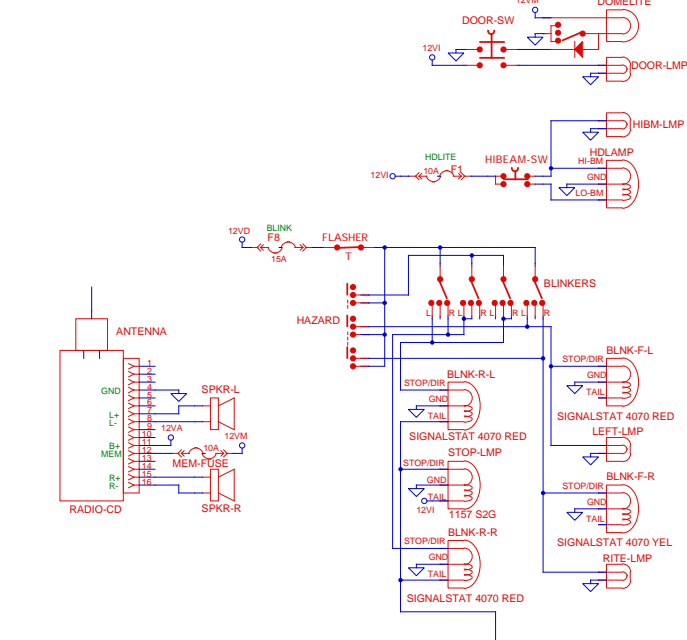
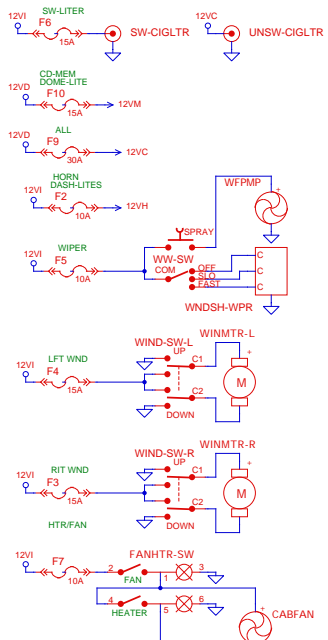
Davide Andrea
(303) 413-1500
1davide@att.net



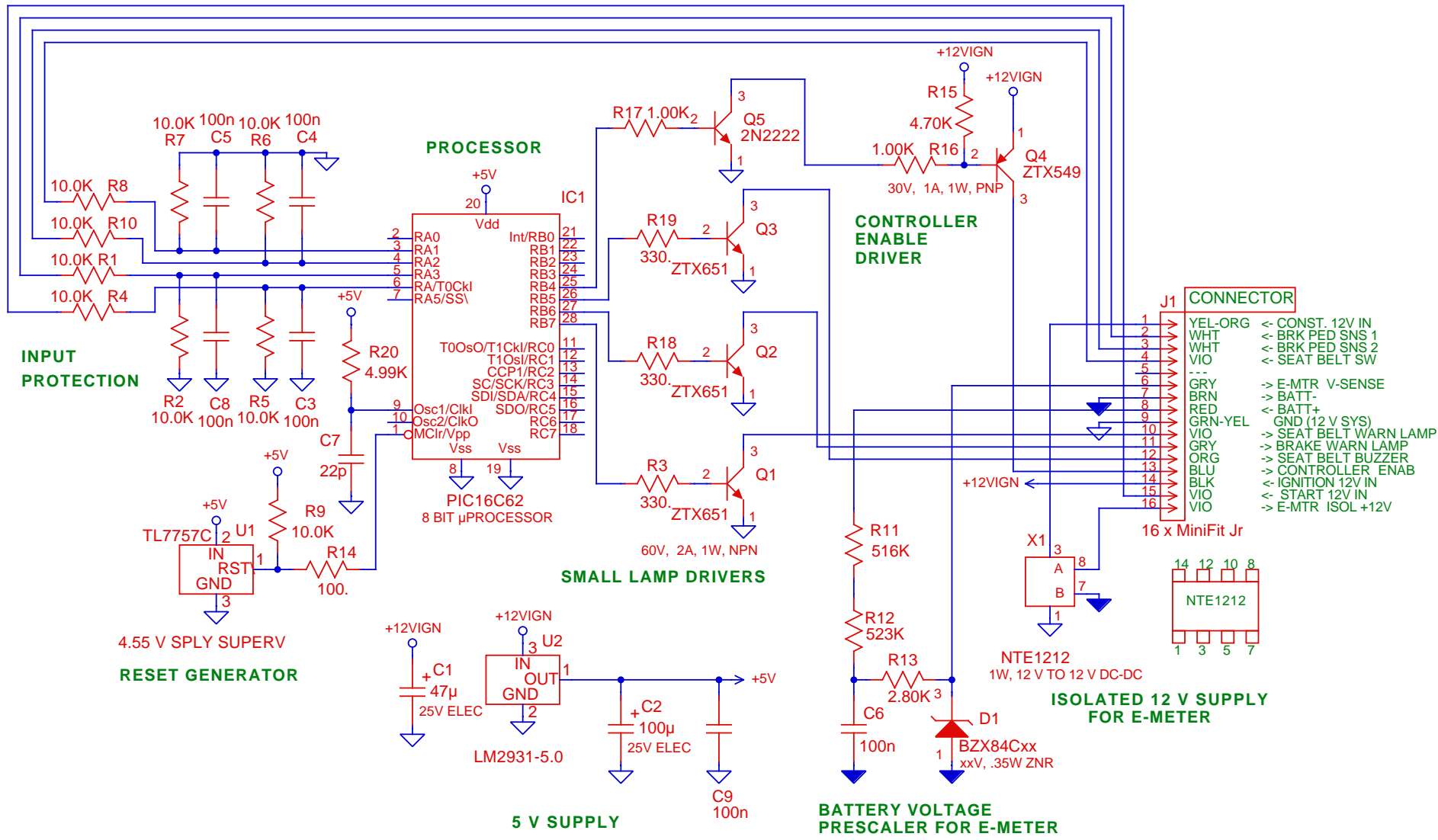




12 V BUSES		OFF	ACC	IGN	ON	START	
12VD	DC-DC CONVERTER OUT	X	X	X	X	X	YELLOW
12VC	CONSTANTLY ON	X	X	X	X	X	YELLOW-ORANGE
12VM	CD-MEM + DOME LIGHT	X	X	X	X	X	YELLOW-BLUE
12VA	ACCESSORIES	X	X	X	X	X	YELLOW-BLUE
12VI	IGNITION	X	X	X	X	X	BLUE
12VH	HORN + DASH LITES	X	X	X	X	X	WHITE-ORANGE
12 V RETURN							GREEN



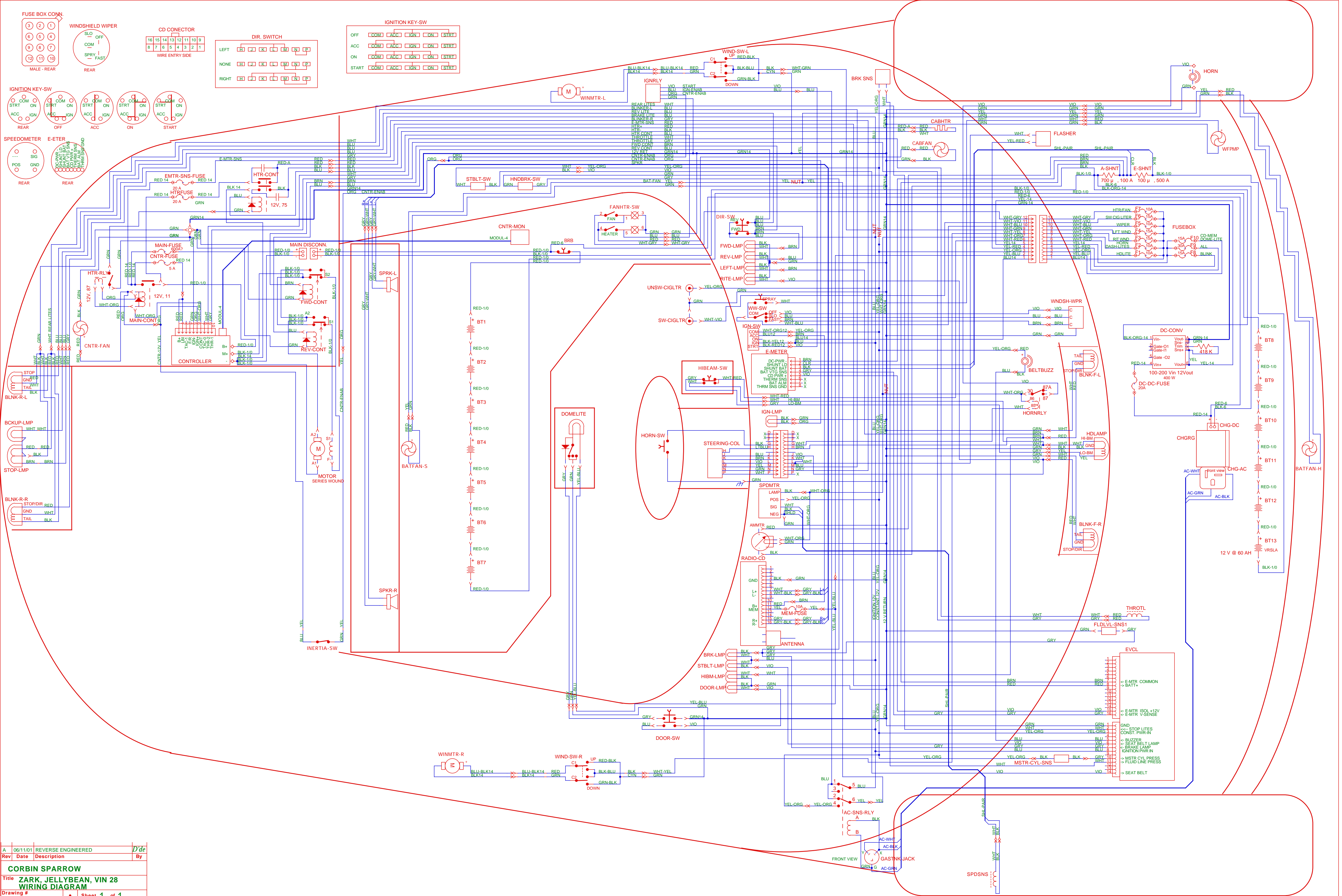
A	08/11/01	REVERSE ENGINEERED	D'tp
Rev	Date	Description	By
CORBIN SPARROW			
Title ZARK, JELLYBEAN, VIN 28 SCHEMATIC DIAGRAM			
Drawing #	D	Sheet 1	of 1



- J1 CONNECTOR**
- 1 YEL-ORG <- CONST. 12V IN
 - 2 WHT <- BRK PED SNS 1
 - 3 WHT <- BRK PED SNS 2
 - 4 VIO <- SEAT BELT SW
 - ...
 - 6 GRY >- E-MTR V-SENSE
 - 7 BRN >- BATT-
 - 8 RED >- BATT+
 - 9 GRN-YEL >- GND (12 V SYS)
 - 10 VIO >- SEAT BELT WARN LAMP
 - 11 GRY >- BRAKE WARN LAMP
 - 12 ORG >- SEAT BELT BUZZER
 - 13 BLU >- CONTROLLER_ENAB
 - 14 VIO >- IGNITION 12V IN
 - 15 VIO >- START 12V IN
 - 16 VIO >- E-MTR ISOL +12V

X1	6/25/01	REVERSE ENGINEERED	
Rev	Date	Description	By
DAVIDE BOULDER CO 80306-4825 1 (303) 4131500 1davide@att.net			
Title KILOVAC'S EVCL SCHEMATIC CORBIN SPARROW			
Drawing #	Size	Sheet 1 of 1	

NOTES
 ALL RESISTORS IN Ω, ALL CAPACITORS IN F, ALL INDUCTORS IN H
 LAST USED: C9,D1,IC1,J1,Q5,R20,U2,X1



Rev	Date	Description	By
A	06/11/01	REVERSE ENGINEERED	Dde
CORBIN SPARROW			
Title ZARK, JELLYBEAN, VIN 28			
Wiring Diagram			
Drawing # A Sheet 1 of 1			