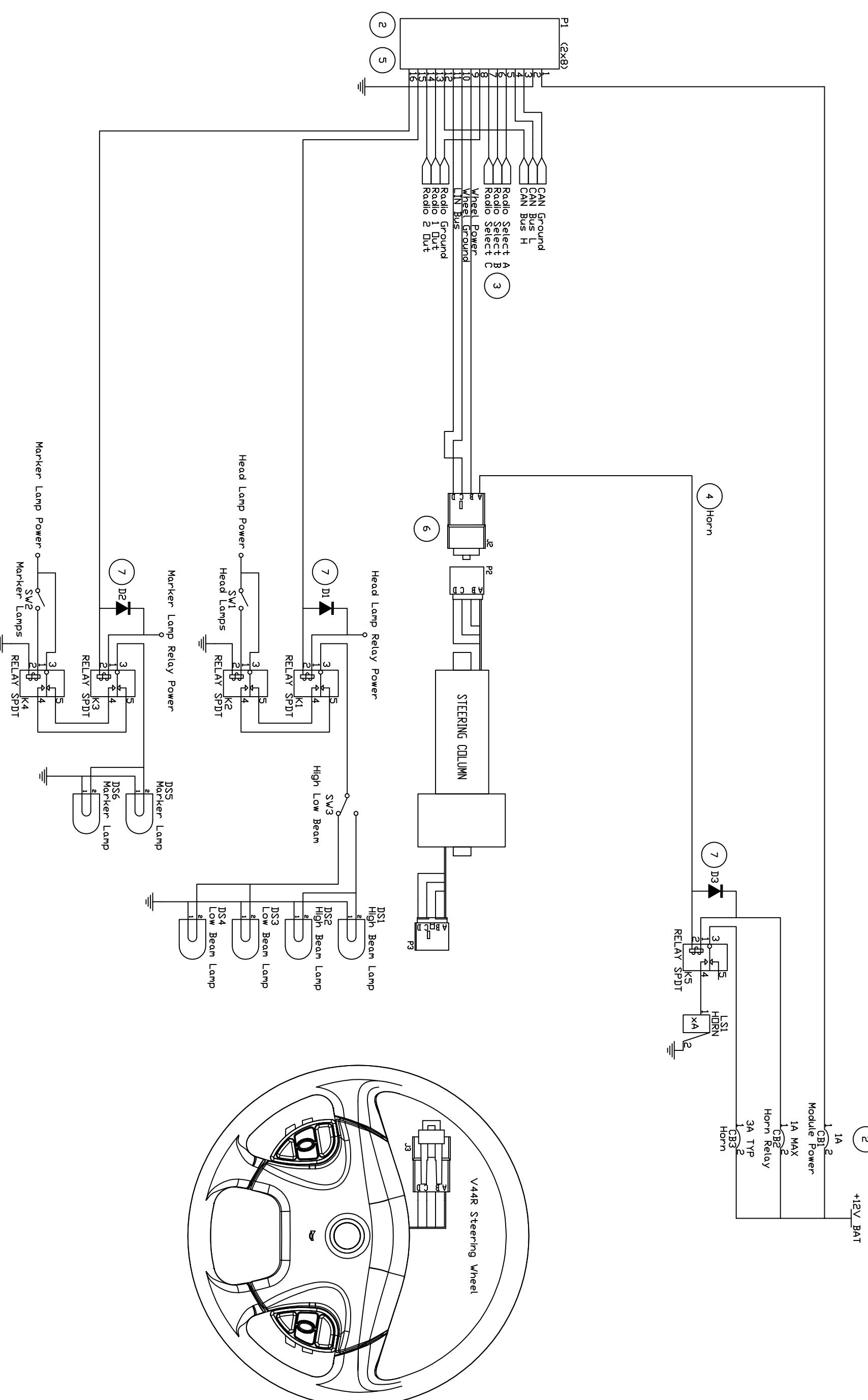
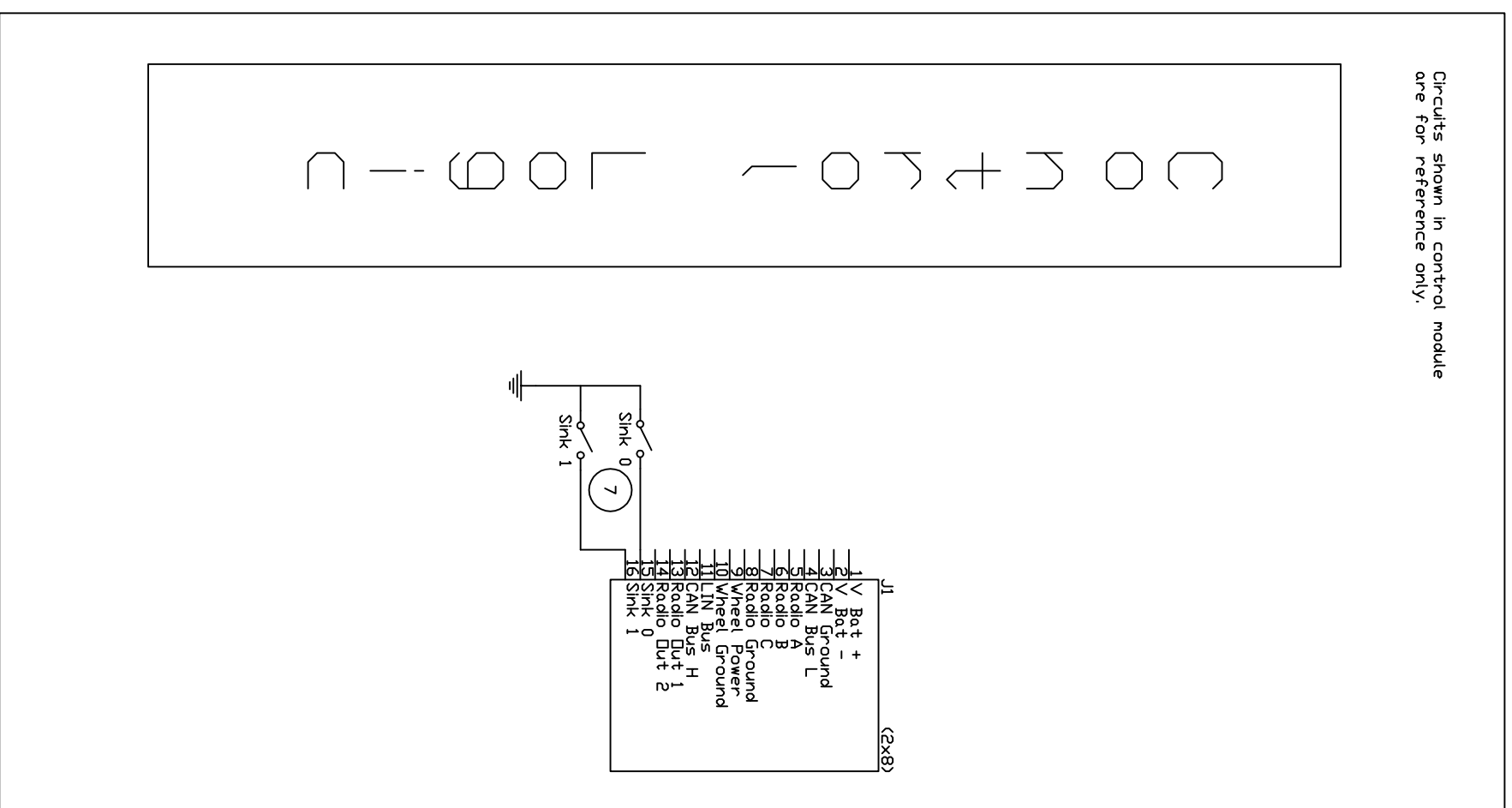


SM301 Control Module

Suggested Chassis Wiring

Circuits shown in control module are for reference only.



- NOTES**
- 1 The control module is designed to mount in the passenger compartment of the vehicle. The rated operating temperature range is -40 to +85 degrees C. The control module must not be exposed to the higher operating temperatures and moisture levels typical of the engine compartment or exposed areas of the vehicle.
 - 2 Circuit breaker ratings provided are typical or max allowable with responsibility of the installer. Unlabeled connections to controller are rated for 1 A max.
 - 3 Radio connection and operation information is provided as-is with no guarantee of function for any given radio. Radio manufacturers' inputs and controls vary from year to year and model to model. It is the responsibility of the installer to verify the correct wiring and functionality of any given radio with this system. Installer assumes all liability for any damage to control module, radio, etc.

RADIO CONNECTIONS (TYPICAL)	
RADIO GROUND	3.5 MM PLUG SLEEVE
RADIO 1 OUT	3.5 MM PLUG TIP
RADIO 2 OUT	3.5 MM PLUG RING

RADIO SEL. ALRAD SEL. BRAD SEL. C	
JENSEN	See VIP document
KENWOOD	00346-11V-00000
MAGNAVONE	Radio configuration
SHIMMER	

- 4 The horn may be hard-wired as shown or may be driven via the CAN bus
- 5 Control Module Connector (Harness side)
Pi Amp Mini Universal Mate-N-Lok 16 pos Housing 770583-1
Amp Mini Universal Mate-N-Lok socket contact 16-20 AWG 770583-1
- 6 Column Connector:
JCI Packard AVG 20 Terminal 12047581
- 7 Flyback Diode required if switching inductive load

DIM		PL	ENG	MM
X.	.060	1.524		
.X	.030	.762		
.XX	.010	.254		
.XXX	.005	.127		

ANGLE	±	2°
A	A	Release

PART REV	DRW REV	DESCRIPTION	DATE

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VEHICLE IMPROVEMENT PRODUCTS INC.

DRAWN BY: DK
DATE: 03-08-2011
SCALE: NONE
SIZE: C

TITLE: WIRING DIAGRAM, SM301
DRAWING NO.: 002047-E1V-00

ANTIDCH, IL USA (847)-395-7250

FILE NO: 02047

03-14-2011

