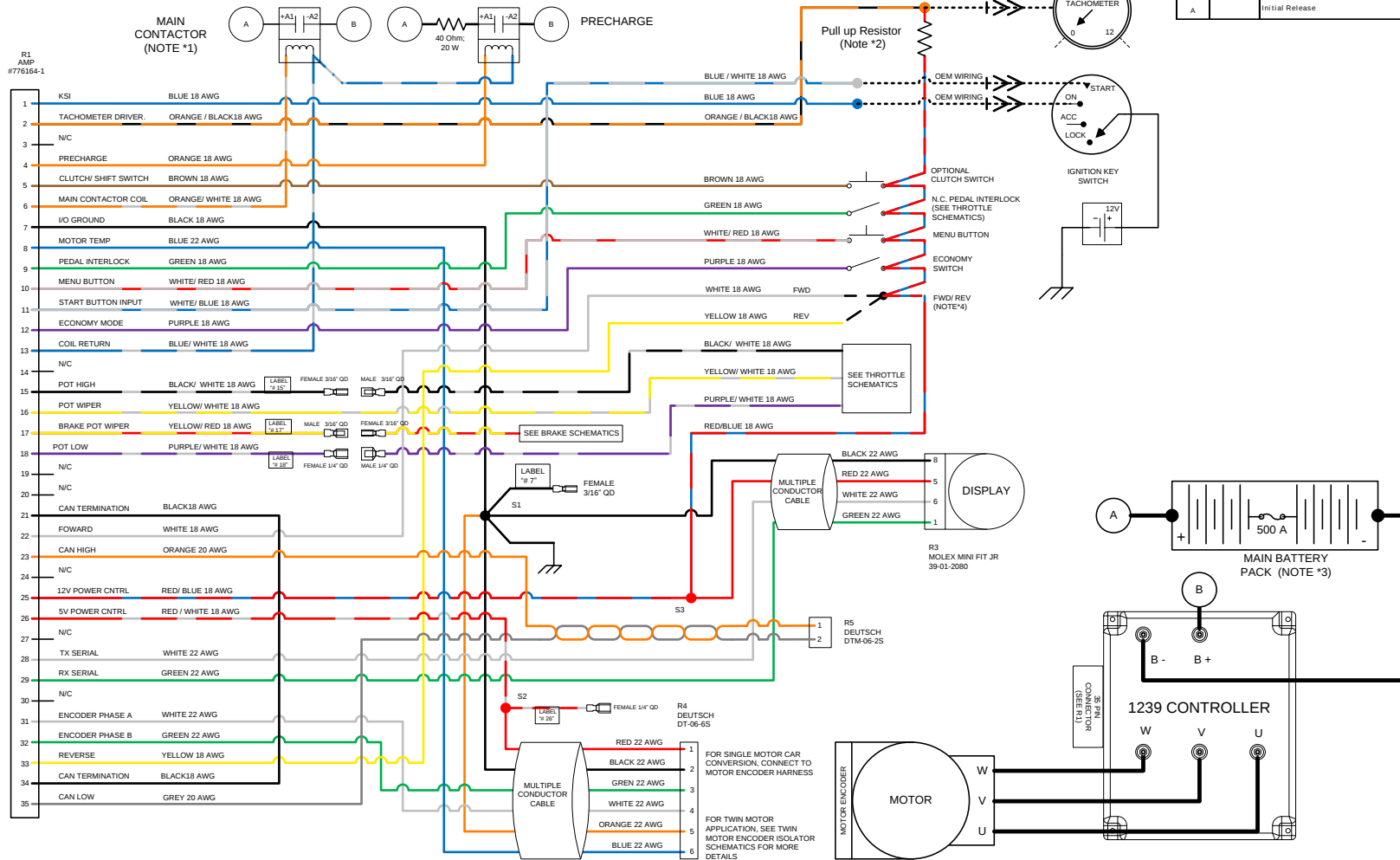


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REVISIONS			
REV	ORIGINATOR	DESCRIPTION	APPROVED
A		Initial Release	4/2/2013



NOTES:

(*1) USE SUPPLIED CONTACTOR

(*2) TACHOMETER THAT IS DESIGNED TO WORK OFF OF AN IGNITION COIL WILL NOT WORK. SOME TACHOMETER MAY NEED A PULL UP RESISTOR FROM 470 TO 10K Ω

(*3) A BATTERY MANAGEMENT SYSTEM (BMS) IS STRONGLY RECOMMENDED IF LITHIUM ION BATTERIES ARE USED. POSSIBLE SOURCE OF BMS IS EWERT ENERGY SYSTEM'S ORION BMS (www.orionbms.com)

(*4) FORWARD IS CLOCKWISE MOTOR ROTATION FROM ENCODER SIDE VIEW. DEPENDING ON TRANSMISSION CONFIGURATION, USE EITHER WIRE TO OBTAIN DESIRED ROTATION. USE FWD & REV SWITCH IN DIRECT DRIVE APPLICATIONS

CAD TYPE	VISIO	APPLICABLE SOFTWARE	
UNIT	NONE	DRAWING	1010-AUTO-CONVERSION-1239
DRW SIZE	A	TITLE	1239 CONTROLLER BASIC CAR CONVERSION / PRIMARY TWIN MOTOR SCHEMATICS
DATE	4/12/13		
SCALE	1:1	SHEET 1 OF 1	REVISION A HPEVS