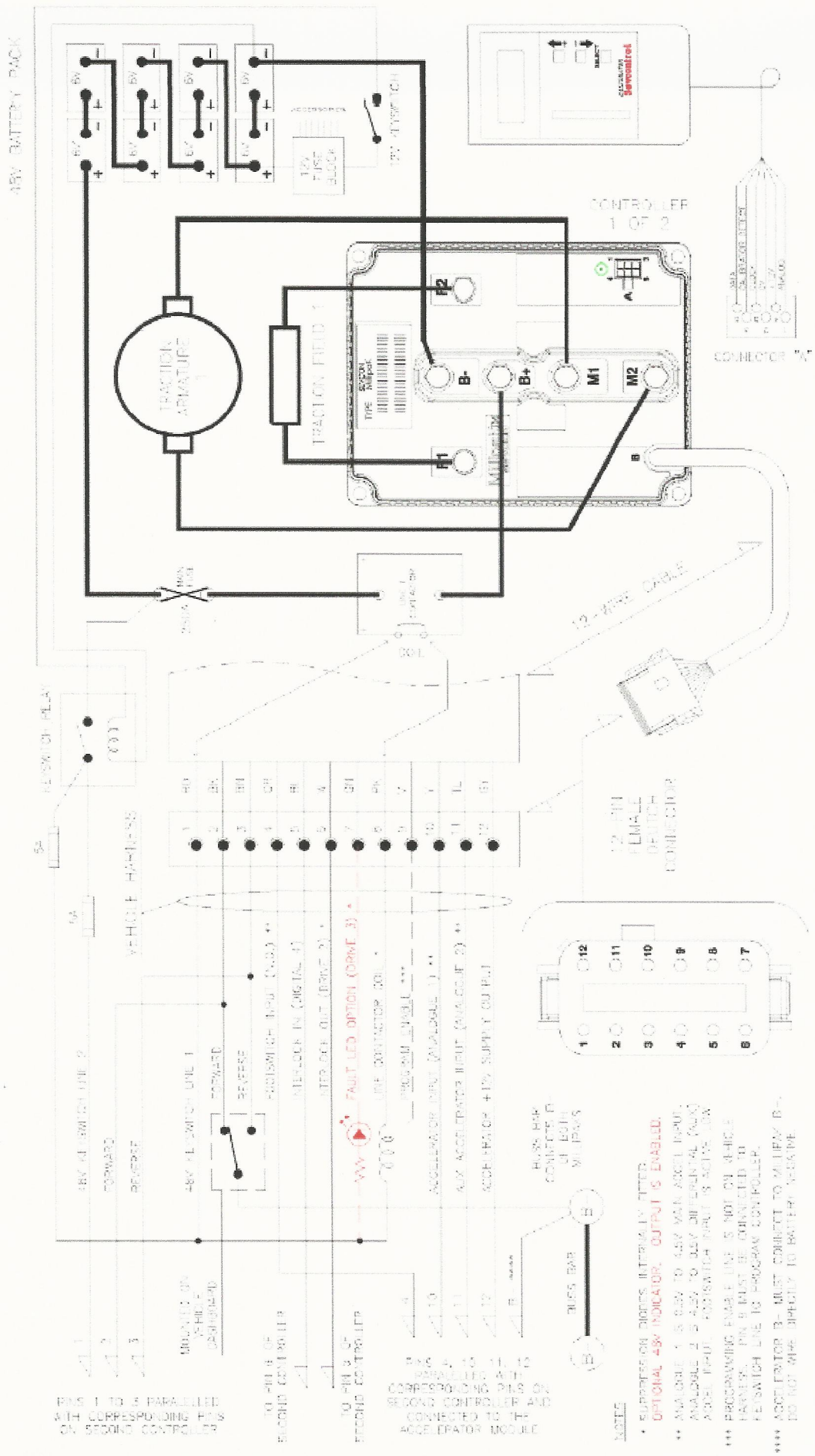
48V BATTERY PACK
12V KEYSWITCH
12V FUSE BLOCK
CONTROLLER 1 OF 2
TRACTION ARMATURE
TRACTION FIELD 1
F2
F1
B-
B+
M1
M2
CONNECTOR "A"
12-WIRE CABLE
KEYSWITCH RELAY
VEHICLE HARNESS
12 PIN FEMALE DEUTCH CONNECTOR
48V KEYSWITCH LINE 2
48V KEYSWITCH LINE 1
FORWARD
REVERSE
FOOTSWITCH INPUT (N.O.) **
INTERLOCK IN (DIGITAL 4)
INTERLOCK OUT (DRIVE 2) *
FAULT LED OPTION (DRIVE 3) *
LINE CONTACTOR COIL *
PROGRAM ENABLE ***
ACCELERATOR INPUT (ANALOGUE 1) **
AUX ACCELERATOR INPUT (ANALOGUE 2) **
ACCELERATOR +12V SUPPLY OUTPUT
BUSS BAR CONNECTS B- OF BOTH MILLIPAKS
BUSS BAR
MOUNTED ON VEHICLE DASHBOARD
TO PIN 8 OF SECOND CONTROLLER
TO PIN 3 OF SECOND CONTROLLER
PINS 1 TO 3 PARALLELED WITH CORRESPONDING PINS ON SECOND CONTROLLER
PINS 4, 10, 11, 12 PARALLELED WITH CORRESPONDING PINS ON SECOND CONTROLLER AND CONNECTED TO THE ACCELERATOR MODULE
NOTES
* SUPPRESSION DIODES INTERNALLY FITTED. OPTIONAL 48V INDICATOR. OUTPUT IS ENABLED.
** ANALOGUE 1 IS 0.5V TO 4.5V MAIN ACCEL INPUT. ANALOGUE 2 IS 4.5V TO 0.5V DIFFERENTIAL (AUX) ACCEL INPUT. FOOTSWITCH INPUT IS ACTIVE LOW.
*** PROGRAMMING ENABLE LINE IS NOT ON VEHICLE HARNESS. PIN 8 MUST BE CONNECTED TO KEYSWITCH LINE TO PROGRAM CONTROLLER.
**** ACCELERATOR B- MUST CONNECT TO MILLIPAK B-. DO NOT WIRE DIRECTLY TO BATTERY NEGATIVE.