

IC3645LXCD1MA

This logic card replaces all of the following logic cards:

- IC3645EVM1 or IC3645EVM6 – Standard current limit with auto plug
- IC3645EVM2 or IC3645EVM7 – High current limit with auto plug
- IC3645EVM3 or IC3645EVM8 – Standard current limit without auto plug
- IC3645EVM4 or IC3645EVM9 – High current limit without auto plug

Please read carefully – This replacement logic card has the same functions and features as the logic card that it replaces with two major differences:

1. The IC3645LXCD1MA card **can only be** adjusted using the EV100 Handset (There are no adjustment potentiometers).



2. Function 17 must be adjusted per the following table:

If the logic card that you are replacing is:	Set Function 17 between:
IC3645EVM1 or IC3645EVM6	10 and 14
IC3645EVM2 or IC3645EVM7	15 and 19
IC3645EVM3 or IC3645EVM8	0 and 4 (Factory Setting)
IC3645EVM4 or IC3645EVM9	5 and 9

The IC3645LXCD1MA card will have the following settings from the factory. **Setting changes for your application may need to be made at the time of installation. Refer to the EV100 LX Dual Motor Function Description Guide for function and value ranges.** The Guide should be included with each LX handset.

Description	Function	Setting	Nominal Value
Creep	2	52	6.5% On-Time
C/A	3	15	1.3 Sec
C/L	4	140	250 Battery Amps @ 50% On-Time
Plug Current	5	125	570 Motor Amps
PA4 Input Switch Function Selection	7	75	Setting of 0-127 For Normally Open steer switch. Setting 128 or greater Normally Closed switch.
S/L 1	11	255 *	0% S/L when the TURN Switch is Closed
S/L 2	12	255 *	0% S/L when the INSIDE wheel is reversed
Battery Volts	15	48	Card is tested @ 48 volts, (Check your truck voltage)
Pedal Plug	16	32	200 Motor Amps
Card Type	17	2	Standard current limit without auto plug
SP Delay Dropout	18	174	D.O. 24 sec after Direction Switch opens

*** These two functions will need to be adjusted to a number between 0 = 100% and 180 to 255 = 0% of battery to the inside wheel motor to set the required speed for proper turning operations.**