



# Replacement Instructions

## IC3645LXCD1SR

This logic card replaces all of the following logic cards:

- IC3645EVS1 or IC3645EVS6 – Standard current limit with auto plug
- IC3645EVS2 or IC3645EVS7 – High current limit with auto plug
- IC3645EVS3 or IC3645EVS8 – Standard current limit without auto plug
- IC3645EVS4 or IC3645EVS9 – 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 IC3645LXCD1SR card **can only be** adjusted using the EV100 Handset (There are no adjustment potentiometers).
- 0.



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

If the logic card that you are replacing is:	Set Function 17 between:
IC3645EVS1 or IC3645EVS6	10 and 14
IC3645EVS2 or IC3645EVS7	15 and 19
IC3645EVS3 or IC3645EVS8	0 and 4 (Factory Setting)
IC3645EVS4 or IC3645EVS9	5 and 9

The IC3645LXCD1SR card will have the following settings from the factory. Setting changes for your particular application may need to be made at the time of installation. Refer to the EV100 LX Traction 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	5	0.5 Sec
C/L	4	120	250 Battery Amps @ 50% On-Time
Plug Current	5	112	550 Motor Amps
FW PU	7	255	Maximum pick up current (460 Motor Amps)
FW DO	8	255	Maximum drop out current (900 Motor Amps)
Pedal Plug	16	32	200 Motor Amps
SP Delay Dropout	18	174	D.O. 24 sec after Direction Switch opens
Card Type	17	2	Standard current limit without auto plug