

V0 20 = 6.11

Automotive Function Code Settings

Function Code	Purpose	Chrysler NiFe	Chrysler NiCd	Standard Automotive (Low Voltage)	Function Code	EV-15 Series Control 14C740638-G01	EV-15 Series Control
F1	Stored fault code	0	0	0	F1	Top C/A	40
F2	Min. field voltage start	0	0	0	F2	Creep	0
F3	Armature controlled acceleration	30	30	10	F3	CA/1A time	15
F4	Armature current limit	195	195	195	F4	Current Limit	49
F5	Regen armature current rate	15	15	15	F5	Plug Current	128
F6		255	255	255	F6	1ADO	255
F7	Minimum field current	78	78	116	F7	Plug %on time	80
F8	Maximum field current	160	160	190	F8	N/A	80
F9	Regen Braking current limit	195	195	200	F9	N/A	80
F10	Max field current for regen	160	160	160	F10	N/A	80
F11		0	0	0	F11	Speed limit 1	0
F12		0	0	0	F12	Speed limit 2	0
F13		0	0	0	F13	Speed limit 3	0
F14	Internal Resistance compensation	6	12	14	F14	IR compensation	6
F15	Battery voltage	220	180	120	F15	Battery voltage	255
F16		50	50	50	F16	Pedal plug	128
F17		0	0	0	F17	Card type	7
F18	Field controlled Acceleration	20	20	10	F18	Steer delay	0
F19		255	255	255	F19	Maint hours 1	90
F20		255	255	255	F20	Maint hours 2	90
F21		255	255	255	F21	Maint speed limit	255
F22		255	255	255	F22	N/A	255
F23		255	255	255	F23	Speed limit IR comp	255
F24		255	255	255	F24	Speed limit comp start	255
F25		255	255	255	F25	Temp FLT	255
F26		255	255	255	F26	Temp BDI	255
F27		255	255	255	F27	Min hour meter	255
F28		255	255	255	F28	FLT pointer	255
F29		255	255	255	F29	Hour meter 10s	255
F30		255	255	255	F30	Hour meter 100s	255

Please install a 100 CFM blower on your motor. This will increase motor life and improve performance. Some type of filter should be used to prevent contaminants from entering the motor.

Another fan should keep the control cool for maximum performance in high ambient temperatures.

NOTE: The standard automotive shunt control and series control have sloped C/L curves.

ROD HOWER - EV Motors and Controls

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CARD BOX SA

MP# 40010

ROSS FIVE LV_NCL_C

CARD BOX TS
MP# CBY9A
FILE# CRY9A

TRW Aww

P=1E
P=2E

5/3/94
do = 1.1E
P = 1.1E