

## CAN BUS

The controller transmits over the CAN BUS information pertaining to the controller and the motor. The default addresses of the mailboxes used for transmitting the information are 0x601h and 0x602h. The CAN BUS transmit address can be adjusted, but a handheld programmer or a programming station will be needed.

The following information is transmitted from the controller:

### Generic CAN Messages from Controller

	ADDRESS ID						
	CAN ADDRESS 0x601	Units	Scale		CAN ADDRESS 0x602	Units	Scale
Byte0	Motor RPM high byte	RPM	1		Stator Frequency high byte	Hz	1
Byte1	Motor RPM low byte				Stator Frequency low byte		
Byte2	Motor Temp	Deg C	-40 to 200		Controller Fault Primary		
Byte3	Controller Temp				Controller Fault Secondary		
Byte4	RMS Current high byte	Amps	0.1		Throttle Input	%	1
Byte5	RMS Current low byte				Brake Input		
Byte6	Capacitor Voltage high byte	Volts	0.1		System Bits*		
Byte7	Capacitor Voltage low byte				Not used		

#### \* System bits configuration

Bit	Logic
0	Econo bit
1	Regen bit
2	Reverse bit
3	Brake Light Bit