



Implemented?	Command Name	Description	extId	Device Type	Manufacturer	API Class	API Index	API	Mask	Device ID	Data IN Length	Data[0]	Data[1]	Data[2]	Data[3]	Data[4]	Data[5]	Data[6]	Data[7]	Data OUT Length	DataOut[0]	DataOut[1]	DataOut[2]	DataOut[3]	DataOut[4]	DataOut[5]	DataOut[6]	DataOut[7]	RTT Frame Length	Clarification Needed?	Data In	Response	
1.3.0 and above	non-RIO Lock	Command from other processor which locks out USB from sending command or heartbeat frames. This is ignored if the SOURCE of the command is our own USB. This is useful for putting a device on the bus as the "master". For example a Raspberry Pi can lock down the bus as the owner of the device to prevent other devices from commanding SPARK MAX's.	255DC40	motorController	REV		11	1	0xb1	33893440	Individual Device	8	API[0]	API[1]	API[2]	API[3]				LockType (default = 0 = Lock currently AND heartbeat) 1 = Lock not only heartbeat	0	0	0										
1.3.0 and above	non-RIO Heartbeat	Heartbeat command for all REV motor controllers. This is the same as the heartbeat but does not activate the controller if a lock packet has been received. This command waits for an additional one second after boot to check for no lock.	255DCB0	motorController	REV		11	2	0xb2	33893504	Individual Device	8	Enabled[0]	Enabled[1]	Enabled[2]	Enabled[3]	Enabled[4]	Enabled[5]	Enabled[6]	Enabled[7]													
1.5.0 and above	USB Only Identify		255DCC0	motorController	REV		11	3	0xb3	33893568	Individual Device	0								0													
Yes	Parameter Access	Get parameter using the CAN ID fields instead of a selection in the packet	255C000	motorController	REV		48	0	0x00	33937304	Individual Device	5	Param[0]	Param[1]	Param[2]	Param[3]	Parameter Type			0	Param[0]	Param[1]	Param[2]	Param[3]	Parameter Type	Parameter Response (0 = Response OK)						The API is only with the parameter ID. Send a 4 data length message and/or send the response to get the 5 value, send data to set it.	