CAN Message Layout

Byte	3		2		1		0		
	7	6	5	4	3	2	1	0	CAN ID
Bits	63 62 61 60 59 58 57 56	55 54 53 52 51 50 49 48	47 46 45 44 43 42 41 40	39 38 37 36 35 34 33 32	31 30 29 28 27 26 25 24	23 22 21 20 19 18 17 16	15 14 13 12 11 10 9 8	7 6 5 4 3 2 1 0	

CONTROL OUTPUT FOR HIPS

TIMESTAMP		LEFT HIP CONTROL OUTPUT [-32768, 32767]	RIGHT HIP CONTROL OUTPUT [-32768, 32767]	0x0B

CONTROL OUTPUT FOR KNEES AND ANKLES

LEFT KNEE CONTROL OUTPUT [-32768, 32767]	RIGHT KNEE CONTROL OUTPUT [-32768, 32767]	LEFT ANKLE CONTROL OUTPUT [-32768, 32767]	RIGHT ANKLE CONTROL OUTPUT [-32768, 32767]	0x0C

MEASURED OUTPUT AND SYSTEM SETPOINT FOR HIP

LEFT HIP MEASURED OUTPUT [-32768, 32767]	LEFT HIP SYSTEM SETPOINT [-32768, 32767]	RIGHT HIP MEASURED OUTPUT [-32768, 32767]	RIGHT HIP SYSTEM SETPOINT [-32768, 32767]	0x0D

ALPHA ANGLE AND LEVER ARM ANGLE FOR HIP

LEFT HIP LEVER ARM ANGLE [-3999, 4000]	LEFT HIP ALPHA ANGLE [-8191, 8192]	RIGHT HIP LEVER ARM ANGLE [-3999, 4000]	RIGHT HIP ALPHA ANGLE [-819, 8192]	0x0E

FIX LINK ANGLE AND TORQUE FOR HIP

LEFT HIP TORQUE [-32768, 32767]	LEFT HIP FIX LINK ANGLE [-3999, 4000]	RIGHT HIP TORQUE [-32768, 32767]	RIGHT HIP FIX LINK ANGLE [-3999, 4000]	0x0F

MEASURED OUTPUT AND SYSTEM SETPOINT FOR KNEES

LEFT KNEE MEASURED OUTPUT [-32768, 32767]	LEFT KNEE SYSTEM SETPOINT [-32768, 32767]	RIGHT KNEE MEASURED OUTPUT [-32768, 32767]	RIGHT KNEE SYSTEM SETPOINT [-32768, 32767]	0x10

ALPHA ANGLE AND LEVER ARM ANGLE FOR KNEES

LEFT KNEE LEVER ARM ANGLE [-3999, 4000]	LEFT KNEE ALPHA ANGLE [-8191, 8192]	RIGHT KNEE LEVER ARM ANGLE [-3999, 4000]	RIGHT KNEE ALPHA ANGLE [-819, 8192]	0x11

FIX LINK ANGLE AND TORQUE FOR KNEES

LEFT KNEE TORQUE [-32768, 32767]	LEFT KNEE FIX LINK ANGLE [-3999, 4000]	RIGHT KNEE TORQUE [-32768, 32767]	RIGHT KNEE FIX LINK ANGLE [-3999, 4000]	0x12

MEASURED OUTPUT AND SYSTEM SETPOINT FOR ANKLES

LEFT ANKLE MEASURED OUTPUT [-32768, 32767]	LEFT ANKLE SYSTEM SETPOINT [-32768, 32767]	RIGHT ANKLE MEASURED OUTPUT [-32768, 32767]	RIGHT ANKLE SYSTEM SETPOINT [-32768, 32767]	0x13

ALPHA ANGLE AND LEVER ARM ANGLE FOR ANKLES

LEFT ANKLE LEVER ARM ANGLE [-3999, 4000]	LEFT ANKLE ALPHA ANGLE [-8191, 8192]	RIGHT ANKLE LEVER ARM ANGLE [-3999, 4000]	RIGHT ANKLE ALPHA ANGLE [-819, 8192]	0x14

FIX LINK ANGLE AND TORQUE FOR ANKLES

LEFT ANKLE TORQUE [-32768, 32767]	LEFT ANKLE FIX LINK ANGLE [-3999, 4000]	RIGHT ANKLE TORQUE [-32768, 32767]	RIGHT ANKLE FIX LINK ANGLE [-3999, 4000]	0x15