

Name	ShortName	ModeAndP	Equation	Min Value	Max Value	Units	Header
ICE Actual	ICE Rev	010C	$(64 * A) + (0$	0	5000	rpm	7.00E+00
MG2 Revol	MG2 Rev	21C3	$((256 * A) +$	-2000	7000	RPM	7.00E+02
MG1 Revol	MG1 Rev	21C3	$((256 * G) -$	-13000	13000	RPM	7.00E+02
Target Engi	Targ ICE Sp	21C3	$(256 * M) +$	0	8000	RPM	7.00E+02
Engine Spe	ICE Spd	21C3	$(256 * O) +$	0	8000	RPM	7.00E+02
Friction Br	F-Brake Po	21C3	$((256 * A)$	0	200	kW	7.00E+02
State Of Ch	HV SOC	21C3	$0.392 * S$	40	80	%	7.00E+02
WOUT HV	HV Pwr Ou	21C3	$320 * T$	0	21	kW	7.00E+02
WIN HV Ba	HV Pwr In	21C3	$U - 40800$	-25	0	kW	7.00E+02
Discharge F	HV Out Rec	21C3	$V - 20480$	-20480	20320	Watt	7.00E+02
Drive Cond	Drive Cond	21C3	$X$	0	6	Num	7.00E+02
MG1 Invert	MG1 Inv T	21C3	$1.8 * Y - 58$	-58	401	F	7.00E+02
MG2 Invert	MG2 Inv T	21C3	$1.8 * Z - 58$	-58	401	F	7.00E+02
Motor Tem	MG1 Temp	21C3	$1.8 * AA - 5$	-58	401	F	7.00E+02
Motor Tem	MG2 Temp	21C3	$1.8 * AB - 5$	-58	401	F	7.00E+02
Power Resi	HV VB	21C3	$2 * AC$	150	300	Volt	7.00E+02
Power Resi	HV IB	21C3	$2 * AE - 25$	-100	100	Amp	7.00E+02
Accelerator	Accel Deg	21C4	$0.392 * C$	0	100	%	7.00E+02
VL-Voltage	HV Before	21C4	$2 * D$	0	510	Volt	7.00E+02
VH-Voltage	HV After Br	21C4	$2 * E$	0	765	Volt	7.00E+02
Converter	Conv Temp	21C4	$1.8 * F - 58$	-58	401	F	7.00E+02
Crank Posit	Crank Posit	21C4	$0.706 * G$	0	100	Degree	7.00E+02
System Ma	Relay1 Stat	21C4	$\{H:0\}$	0	1	Bin	7.00E+02
System Ma	Relay2 Stat	21C4	$\{H:1\}$	0	1	Bin	7.00E+02
System Ma	Relay3 Stat	21C4	$\{H:2\}$	0	1	Bin	7.00E+02
Converter	Conv Carri	21C4	$\{I:0\}$	0	1	Bin	7.00E+02
Smart Key	SKS	21C4	$\{I:2\}$	0	1	Bin	7.00E+02
Aircon Gat	AC Gate	21C4	$\{I:4\}$	0	1	Bin	7.00E+02
Converter	Conv Gate	21C4	$\{I:5\}$	0	1	Bin	7.00E+02
MG2 Gate	MG2 Gate	21C4	$\{I:6\}$	0	1	Bin	7.00E+02
MG1 Gate	MG1 Gate	21C4	$\{I:7\}$	0	1	Bin	7.00E+02
Motor (MG	MG2 Torq	21C4	$4 * J - 512$	-512	508	Nm	7.00E+02
Motor (MG	MG1 Torq	21C4	$4 * K - 512$	-512	508	Nm	7.00E+02
Short Circu	SCW High	21C4	$0.019608 *$	0	5	Volt	7.00E+02
Raising Pre	Pressure R	21C4	$0.392 * O$	0	100	%	7.00E+02
Aircon Con	AC Power	21C4	$0.019608 *$	0	5	kW	7.00E+02
HV Battery	HV SOC	21CE	$0.5 * A$	40	80	%	7.00E+03
HV Battery	HV Current	21CE	$(2.56 * B) -$	-100	100	Amp	7.00E+03
HV Battery	HV Batt Air	21CF	$(256 * 9 / 5$	-558	622	F	7.00E+03
Battery po	HV Power	21CE	$0.001 * ((2$	-27	27	kW	7.00E+03
HV Battery	HV Block1	21CE	$(2.56 * D) -$	0	18	Volt	7.00E+03
HV Battery	HV Block2	21CE	$(2.56 * F) +$	0	18	Volt	7.00E+03
HV Battery	HV Block3	21CE	$(2.56 * H) +$	0	18	Volt	7.00E+03
HV Battery	HV Block4	21CE	$(2.56 * J) +$	0	18	Volt	7.00E+03
HV Battery	HV Block5	21CE	$(2.56 * L) +$	0	18	Volt	7.00E+03
HV Battery	HV Block6	21CE	$(2.56 * N) +$	0	18	Volt	7.00E+03

HV Battery HV Block7	21CE	(2.56 * P) +	0	18 Volt	7.00E+03
HV Battery HV Block8	21CE	(2.56 * R) +	0	18 Volt	7.00E+03
HV Battery HV Block9	21CE	(2.56 * T) +	0	18 Volt	7.00E+03
HV Battery HV Block10	21CE	(2.56 * V) +	0	18 Volt	7.00E+03
HV Battery HV Block11	21CE	(2.56 * X) +	0	18 Volt	7.00E+03
HV Battery HV Block12	21CE	(2.56 * Z) +	0	18 Volt	7.00E+03
HV Battery HV Block13	21CE	(2.56 * AB)	0	18 Volt	7.00E+03
HV Battery HV Block14	21CE	(2.56 * AD)	0	18 Volt	7.00E+03
Internal Re IR1	21D0	0.001 * P	0	10 Ohm	7.00E+03
Internal Re IR2	21D0	0.001 * Q	0	10 Ohm	7.00E+03
Internal Re IR3	21D0	0.001 * R	0	10 Ohm	7.00E+03
Internal Re IR4	21D0	0.001 * S	0	10 Ohm	7.00E+03
Internal Re IR5	21D0	0.001 * T	0	10 Ohm	7.00E+03
Internal Re IR6	21D0	0.001 * U	0	10 Ohm	7.00E+03
Internal Re IR7	21D0	0.001 * V	0	10 Ohm	7.00E+03
Internal Re IR8	21D0	0.001 * W	0	10 Ohm	7.00E+03
Internal Re IR9	21D0	0.001 * X	0	10 Ohm	7.00E+03
Internal Re IR10	21D0	0.001 * Y	0	10 Ohm	7.00E+03
Internal Re IR11	21D0	0.001 * Z	0	10 Ohm	7.00E+03
Internal Re IR12	21D0	0.001 * AA	0	10 Ohm	7.00E+03
Internal Re IR13	21D0	0.001 * AB	0	10 Ohm	7.00E+03
Internal Re IR14	21D0	0.001 * AC	0	10 Ohm	7.00E+03
VMF Fan HV Fan V	21CF	(0.2 * C) - 2	9	12 Volt	7.00E+03
Auxiliary B; Aux Batt V	21CF	(0.2 * D) - 2	0	15 Volt	7.00E+03
HV Battery HV Charge	21CF	E - 64	0	50 kW	7.00E+03
HV Battery HV Discharge	21CF	F - 64	0	50 kW	7.00E+03
Delta SOC	Delta SOC	0.01 * G	0	60 %	7.00E+03
HV Battery HV Fan Spd	21CF	I	0	6 Num	7.00E+03
HV Battery HV Batt T1	21CF	(256 * 9) / 5	-558	622 F	7.00E+03
HV Battery HV Batt T2	21CF	(256 * 9) / 5	-558	622 F	7.00E+03
HV Battery HV Batt T3	21CF	(256 * 9) / 5	-558	622 F	7.00E+03
HV Battery HV Blocks	21D0	A	0	14 Num	7.00E+03
Accumulator HV Batt Low	21D0	(256 * B) +	0	5000 Sec	7.00E+03
Accumulator DC Inhibit	21D0	(256 * D) +	0	5000 Sec	7.00E+03
Accumulator HV Batt High	21D0	(256 * F) +	0	5000 Sec	7.00E+03
Accumulator HV Batt Temp	21D0	(256 * H) +	0	5000 Sec	7.00E+03
NiMH Volt NiMH Delta	21D0	((2.56 * M)	-3	3 Volt	7.00E+03
HV Battery HVB Min V	21D0	(2.56 * J) +	0	15 Volt	7.00E+03
HV Battery HVB Min #	21D0	L	0	13 Num	7.00E+03
HV Battery HVB Max V	21D0	(2.56 * M)	0	23 Volt	7.00E+03
HV Battery HVB Max #	21D0	O	0	13 Num	7.00E+03
Regenerative Regen Torq	21C3	4 * E	0	186 Nm	7.00E+02
Request Regen Req Regen	21C3	4 * F	0	186 Nm	7.00E+02
Power Req Power Rqst	21C3	((256 * K) +	0	320000 Watt	7.00E+02
MG2 Torque MG2 Torq	21C3	(32 * C) + (I	-400	400 Nm	7.00E+02
MG1 Torque MG1 Torq	21C3	(32 * I) + (C	-200	200 Nm	7.00E+02
Shift Sensor Shift Main	21C3	0.019608 *	0	5 Volt	7.00E+02

Shift Senso Shift Sub	21C3	0.019608 *	0	5 Volt	7.00E+02
Shift Senso Shift Sel M:	21C3	0.019608 *	0	5 Volt	7.00E+02
Shift Senso Shift Sel Su	21C3	0.019608 *	0	5 Volt	7.00E+02
Shift Senso Shift Positi	21C3	0.019608 *	0	5 Num	7.00E+02
Driving Pat Drive Patte	21C4	{A:0}	0	1 Bin	7.00E+02
Driving Pat Drive Patte	21C4	{A:1}	0	1 Bin	7.00E+02
Driving Pat Drive Patte	21C4	{A:2}	0	1 Bin	7.00E+02
Loading Co Load Cond	21C4	{A:7}	0	1 Bin	7.00E+02
Engine Wai ICE Warm f	21C4	{B:0}	0	1 Bin	7.00E+02
Aircon Req Aircon Req	21C4	{B:1}	0	1 Bin	7.00E+02
Engine Sto ICE Inhibit I	21C4	{B:2}	0	1 Bin	7.00E+02
HVAC OBD HVAC Req	21C4	{B:3}	0	1 Bin	7.00E+02
Main Batte HV Charge	21C4	{B:4}	0	1 Bin	7.00E+02
Engine Idlir ICE Idle Rec	21C4	{B:5}	0	1 Bin	7.00E+02
Engine Sto ICE Stop Re	21C4	{B:6}	0	1 Bin	7.00E+02
Check Mod Chk Mode	21C4	{B:7}	0	1 Bin	7.00E+02
Master Cyli Mast Cyl Tr	21C3	(4 * R) - 51	-512	508 Nm	7.00E+02
Cruise Coni CC Set	21D3	A	0	150 km/h	7.00E+02
Cruise Thrc CC Throt Ai	21D3	0.3922 * B	0	100 %	7.00E+02
Cruise Coni CC Switch	21D3	{C:0}	0	1 Bin	7.00E+02
Cruise Coni CC Ready	21D3	{C:2}	0	1 Bin	7.00E+02
Cruise Coni CC Indicato	21D3	{C:5}	0	1 Bin	7.00E+02
Cruise Coni CC	21D3	{C:6}	0	1 Bin	7.00E+02
Shift D Posi Shifter D	21D3	{C:7}	0	1 Bin	7.00E+02
Stop Light ! Stop Light1	21D3	{D:0}	0	1 Bin	7.00E+02
Stop Light ! Stop Light2	21D3	{D:1}	0	1 Bin	7.00E+02
Stop Light ! Stop Light3	21D3	{D:2}	0	1 Bin	7.00E+02
RES / ACC S CC RES/AC	21D3	{D:3}	0	1 Bin	7.00E+02
SET / COAS CC Set/Coa	21D3	{D:4}	0	1 Bin	7.00E+02
Cancel Swil CC Cancel	21D3	{D:5}	0	1 Bin	7.00E+02