

# DataList

# Electric Powertrain / IMA

Filename : Current Data  
Date/Time : 09/07/2017 10:15AM  
Model : CIVIC HYBRID Model Year : 2007  
VIN : JHMFA362X7S008007 Odo : 196000  
Dealer No. : 206534 1608044000

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Motor Speed (BCM Module) ..... 803 RPM  
VSS (BCM Module) ..... 0 MPH  
BCM Module Power Source Voltage ..... 13.4 V  
Engine Coolant Temperature (BCM Module) ..... 194.0 °F  
Distance Traveled While MIL is Activated (BCM Module) ..... 0 mile  
Distance Since DTC Cleared (BCM Module) ..... 0 mile  
Battery Current Sensor ..... 0.12 A  
Battery Current Sensor Power Supply Sensing Voltage ..... 4.90 V  
Continuous Assist Power Limit of IMA Battery ..... 16100 W  
Continuous Regenerate Power Limit of IMA Battery ..... -14594 W  
Momentary Assist Power Limit of IMA Battery ..... 16100 W  
Momentary Regenerate Power Limit of IMA Battery ..... -14594 W  
**IMA Battery Temperature Sensor 1 ..... 83.1 °F**  
**IMA Battery Temperature Sensor 2 ..... 78.3 °F**  
**IMA Battery Temperature Sensor 3 ..... 81.9 °F**  
IMA Battery Temperature Sensor 1 Voltage ..... 2.30 V  
IMA Battery Temperature Sensor 2 Voltage ..... 2.40 V  
IMA Battery Temperature Sensor 3 Voltage ..... 2.30 V  
SOC ..... 75 %  
**IMA Battery Usable Capacity ..... 75 %**  
PWR Save SOC ..... ON  
PWR Save BAT VOL ..... OFF  
PWR Save BAT TMP ..... OFF  
MOTOR RESRC LIMIT CMD ..... ON  
MOTOR ASSIST LIMIT CMD ..... OFF  
Fuel Cut Req ..... OFF

ENG SPD UP REQ .....	OFF
IDLE STOP PERMIT .....	ON
MCM Relay 2 (IG Hold Relay 2) .....	ON
MCM Relay 1 (IG Hold Relay 1) .....	ON
H.V. Contactor .....	ON
BYP.S. Contactor .....	OFF
Total Voltage of All IMA Battery Modules .....	183.02 V
<b>IMA Battery Module 1 Voltage .....</b>	<b>16.60 V</b>
<b>IMA Battery Module 2 Voltage .....</b>	<b>16.60 V</b>
<b>IMA Battery Module 3 Voltage .....</b>	<b>16.60 V</b>
<b>IMA Battery Module 4 Voltage .....</b>	<b>16.60 V</b>
<b>IMA Battery Module 5 Voltage .....</b>	<b>16.60 V</b>
<b>IMA Battery Module 6 Voltage .....</b>	<b>16.60 V</b>
<b>IMA Battery Module 7 Voltage .....</b>	<b>16.60 V</b>
<b>IMA Battery Module 8 Voltage .....</b>	<b>16.60 V</b>
<b>IMA Battery Module 9 Voltage .....</b>	<b>16.60 V</b>
<b>IMA Battery Module 10 Voltage .....</b>	<b>16.60 V</b>
<b>IMA Battery Module 11 Voltage .....</b>	<b>16.60 V</b>
IPU Module Fan Speed .....	0 RPM
History of IPU Module Fan Stop .....	OFF
DC-DC Converter Temperature .....	122.0 °F
Target Voltage of DC-DC Converter Output .....	13.90 V
DC-DC Converter Information .....	Normal
History of DC-DC Converter Stop .....	OFF
Command to DC-DC Converter .....	ON
Insulation Resistance of High Voltage Circuit .....	400.0 kOhm
DC-DC Converter Charge Lamp .....	OFF
BCM Module Backup Source Voltage .....	13.1 V
Absolute Throttle Position Sensor (BCM Module) .....	14 %
Battery Current Sensor Power Supply Voltage .....	4.99 V
Status of SCS Input .....	0
IPU Module Fan Speed .....	0 RPM
Status of IMA Fan .....	0
IMA Fan Control Condition .....	0
Motor Speed (MCM) .....	819 RPM

VSS (MCM) .....	0 MPH
MCM Power Source Voltage .....	13.4 V
MCM Module Backup Source Voltage .....	13.1 V
Distance Traveled While MIL is Activated (MCM) .....	0 mile
Distance Since DTC Cleared (MCM) .....	0 mile
W Phase Motor Current Sensor .....	-3.40 A
V Phase Motor Current Sensor .....	-5.95 A
U Phase Motor Current Sensor .....	7.65 A
W Phase Motor Current Sensor Voltage .....	2.40 V
V Phase Motor Current Sensor Voltage .....	2.40 V
U Phase Motor Current Sensor Voltage .....	2.50 V
MPI Voltage .....	182.10 V
MPI Temperature .....	118.4 °F
Motor Power .....	-353 W
Torque Target .....	-3.5 N·m
Possible Maximum Output Torque .....	103.0 N·m
Possible Minimum Output Torque .....	-123.0 N·m
PWR Save PDU TMP .....	OFF
PWR Save MOT TRQ .....	OFF
Motor Rotor Position Calibration State .....	COMPLETED
Motor Rotor Position Sensor Voltage S1 .....	1.9 V
Motor Rotor Position Sensor Voltage S2 .....	1.9 V
Motor Rotor Position Sensor Voltage R1 .....	1.3 V
Motor Rotor Position Sensor Voltage R2 .....	1.3 V
IMA Position Sensor Offset .....	1 °