

Smarty Touch Support PIDs divided per ECM type

ECM / Model Year	Group	Short Name	Long Name
1998.5 - 2002	ADVALUES	KeyC	Key Counter
1998.5 - 2002	PERCENTAGE	Load-%	Engine Load % Calculated
1998.5 - 2002	PRESSURE	Boost	Boost Pressure
1998.5 - 2002	PRESSURE	GP-A	Governor Pressure Actual
1998.5 - 2002	PRESSURE	GP-D	Governor Pressure Desired
1998.5 - 2002	PRESSURE	GP-DC	Governor Pressure Duty Cycle
1998.5 - 2002	PRESSURE	GP-V	Governor Pressure Sensor Volt
1998.5 - 2002	PRESSURE	Oil-P	Oil Pressure Sensor
1998.5 - 2002	RPM	CAM-RPM	Camshaft RPM
1998.5 - 2002	RPM	InjP-ES	Injection Pump Engine Speed
1998.5 - 2002	SPEED	Speed	Vehicle Speed
1998.5 - 2002	TEMPERATURE	AA/B-T	Ambient Air/Battery Temperature
1998.5 - 2002	TEMPERATURE	ECT	Engine Coolant Temp
1998.5 - 2002	TEMPERATURE	InjP-FT	Injection Pump Fuel Temp
1998.5 - 2002	TEMPERATURE	IAT	Intake Air Temperature
1998.5 - 2002	TRANSMISSION	TOS-S/P	Trans Output Shaft Speed (PCM)
1998.5 - 2002	TRANSMISSION	TRANS-ST	Trans Sump Temperature
1998.5 - 2002	TRANSMISSION	TRANS-SV	Trans Sump Temperature Volt
1998.5 - 2002	VOLT	Boost-V	Boost Pressure Sensor Volt
1998.5 - 2002	VOLT	CV-A	Charging Voltage Actual
1998.5 - 2002	VOLT	CV-D	Charging Voltage Desired
1998.5 - 2002	VOLT	ECT-V	Engine Coolant Temp Sensor Volt
1998.5 - 2002	VOLT	InjP-BV	Injection Pump Battery Volt
1998.5 - 2002	VOLT	IAT-V	Intake Air Temp Volt
1998.5 - 2002	VOLT	Oil-V	Oil Pressure Sensor Volt
1998.5 - 2002	VOLT	TP-V	Throttle Position Volt
1998.5 - 2002	VOLT	WIF-V	Water in Fuel Volt
2003 - 2004	ADVALUES	KeyC	Key Counter
2003 - 2004	ADVALUES	WIF-C	Water In Fuel Counts
2003 - 2004	AMPS	FCA-A	FCA A
2003 - 2004	PERCENTAGE	Load-%	Engine Load % Calculated
2003 - 2004	PERCENTAGE	Fan-PWM	Fan Speed PWM
2003 - 2004	PERCENTAGE	FCA-DC	FCA Duty Cycle
2003 - 2004	PERCENTAGE	Fuel-%	Fuel Level %
2003 - 2004	PERCENTAGE	TP-%	Throttle Position
2003 - 2004	RPM	CAM-RPM	Camshaft RPM
2003 - 2004	RPM	CRK-RPM	Crankshaft RPM

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2003 - 2004	RPM	ES	Engine Speed
2003 - 2004	RPM	Fan	Fan Speed
2003 - 2004	SPEED	Speed	Vehicle Speed
2003 - 2004	TEMPERATURE	AAT	Ambient Air Temperature
2003 - 2004	TEMPERATURE	AA/B-T	Battery Temperature
2003 - 2004	TEMPERATURE	ECT	Engine Coolant Temp
2003 - 2004	TEMPERATURE	IAT	Intake Air Temperature
2003 - 2004	TEMPERATURE	EGT-Ext	SMARTY EGT Sensor External Temp
2003 - 2004	TEMPERATURE	EGT-Int	SMARTY EGT Sensor Internal Temp
2003 - 2004	TEMPERATURE	STC-IT	SMARTY Touch Controller Internal Temp
2003 - 2004	TRANSMISSION	TOS-S	Trans Output Shaft Speed
2003 - 2004	VOLT	AC-V	AC High Side Volt
2003 - 2004	VOLT	AAT-V	Ambient Air Temp Volt
2003 - 2004	VOLT	Bat-T-V	Battery Temperature Sensor Volt
2003 - 2004	VOLT	Boost-V	Boost Pressure Sensor Volt
2003 - 2004	VOLT	Chrg-V-D	Charging Volt Desired
2003 - 2004	VOLT	CV-A	Charging Voltage Actual
2003 - 2004	VOLT	CV-D	Charging Voltage Desired
2003 - 2004	VOLT	ECM-V	ECM Volt
2003 - 2004	VOLT	ECT-V	Engine Coolant Temp Sensor Volt
2003 - 2004	VOLT	FL-V	Fuel Level Sensor Volt
2003 - 2004	VOLT	IAT-V	Intake Air Temp Volt
2003 - 2004	VOLT	RP-V	Rail Pressure Sensor Volt
2003 - 2004	VOLT	STC-SV	SMARTY Touch Controller Supply Volt
2003 - 2004	VOLT	TP-V	Throttle Position Volt
2003 - 2004	VOLT	WIF-V	Water in Fuel Volt
2004.5 - 2005.5	ADVALUES	KeyC	Key Counter
2004.5 - 2005.5	ADVALUES	WIF-C	Water In Fuel Counts
2004.5 - 2005.5	AMPS	FCA-A	FCA A
2004.5 - 2005.5	PERCENTAGE	Load-%	Engine Load % Calculated
2004.5 - 2005.5	PERCENTAGE	Fan-PWM	Fan Speed PWM
2004.5 - 2005.5	PERCENTAGE	FCA-DC	FCA Duty Cycle
2004.5 - 2005.5	PERCENTAGE	Fuel-%	Fuel Level %
2004.5 - 2005.5	PERCENTAGE	TP2-%	Throttle 2 Position (NOT available for 2004.5)
2004.5 - 2005.5	PERCENTAGE	TP-%	Throttle Position (NOT available for 2004.5)
2004.5 - 2005.5	PERCENTAGE	WG-DC	Wastegate Duty Cycle (NOT available for 2004.5)
2004.5 - 2005.5	PRESSURE	AC-P	AC High Side Pressure
2004.5 - 2005.5	PRESSURE	Baro-P	Barometric Pressure
2004.5 - 2005.5	PRESSURE	Boost	Boost Pressure
2004.5 - 2005.5	PRESSURE	RP	Rail Pressure Actual

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2004.5 - 2005.5	PRESSURE	RP-D	Rail Pressure Desired
2004.5 - 2005.5	RPM	CAM-RPM	Camshaft RPM
2004.5 - 2005.5	RPM	CRK-RPM	Crankshaft RPM
2004.5 - 2005.5	RPM	ES	Engine Speed
2004.5 - 2005.5	RPM	Fan	Fan Speed
2004.5 - 2005.5	SPEED	Speed	Vehicle Speed
2004.5 - 2005.5	TEMPERATURE	AAT	Ambient Air Temperature
2004.5 - 2005.5	TEMPERATURE	AA/B-T	Battery Temperature
2004.5 - 2005.5	TEMPERATURE	ECT	Engine Coolant Temp
2004.5 - 2005.5	TEMPERATURE	IAT	Intake Air Temperature
2004.5 - 2005.5	TEMPERATURE	EGT-Ext	SMARTY EGT Sensor External Temp
2004.5 - 2005.5	TEMPERATURE	EGT-Int	SMARTY EGT Sensor Internal Temp
2004.5 - 2005.5	TEMPERATURE	STC-IT	SMARTY Touch Controller Internal Temp
2004.5 - 2005.5	VOLT	AC-V	AC High Side Volt
2004.5 - 2005.5	VOLT	AAT-V	Ambient Air Temp Volt
2004.5 - 2005.5	VOLT	Bat-T-V	Battery Temperature Sensor Volt
2004.5 - 2005.5	VOLT	Boost-V	Boost Pressure Sensor Volt
2004.5 - 2005.5	VOLT	Chrg-V-D	Charging Volt Desired
2004.5 - 2005.5	VOLT	ECM-V	ECM Volt
2004.5 - 2005.5	VOLT	ECT-V	Engine Coolant Temp Sensor Volt
2004.5 - 2005.5	VOLT	FL-V	Fuel Level Sensor Volt
2004.5 - 2005.5	VOLT	IAT-V	Intake Air Temp Volt
2004.5 - 2005.5	VOLT	RP-V	Rail Pressure Sensor Volt
2004.5 - 2005.5	VOLT	STC-SV	SMARTY Touch Controller Supply Volt
2004.5 - 2005.5	VOLT	TP2-V	Throttle 2 Position Volt (NOT available for 2004.5)
2004.5 - 2005.5	VOLT	TP-V	Throttle Position Volt (NOT available for 2004.5)
2004.5 - 2005.5	VOLT	WIF-V	Water in Fuel Volt
2006	ADVALUES	DTC#Clr*	# of warm-ups since DTC cleared SAE
2006	ADVALUES	AC-AD	AC High Side Pressure A/D
2006	ADVALUES	Bat-T-AD	Battery Temp A/D Value
2006	ADVALUES	Boost-AD	Boost Pressure A/D Value
2006	ADVALUES	CC-ST	Cruise Control Switch State
2006	ADVALUES	ECM-V-AD	ECM Voltage A/D Value
2006	ADVALUES	ECT-AD	Engine Coolant Temp A/D Value
2006	ADVALUES	Eng-S	Engine Status
2006	ADVALUES	Fuel%-AD	Fuel Level A/D Value
2006	ADVALUES	FS	Fueling Scaler
2006	ADVALUES	Inj-FS	Injector Fueling Status
2006	ADVALUES	Inj-OCF	Injector Open Circ Faults

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2006	ADVALUES	Inj-12VF	Injector Short to 12V Circ Faults
2006	ADVALUES	Inj-GndF	Injector Short to GND Circ Faults
2006	ADVALUES	InjTim-S	Injector Timing Status
2006	ADVALUES	ILAT-AD	Inlet Air Temperature A/D Value
2006	ADVALUES	IAH-S	Intake Air Heater State
2006	ADVALUES	IAH-S	Intake Air Heater Status
2006	ADVALUES	IAT-AD	Intake Air Temp A/D Value
2006	ADVALUES	KeyC	Key Counter
2006	ADVALUES	RP-CS	Rail Pressure Control State
2006	ADVALUES	RP-SS	Rail Pressure Sensor State
2006	ADVALUES	TP1-AD	Throttle 1 Position A/D Value
2006	ADVALUES	TP2-AD	Throttle 2 Position A/D Value
2006	ADVALUES	TQ-CS	Torque Control Status
2006	ADVALUES	WIF-AD	Water in Fuel A/D Value
2006	ADVALUES	WIF-C	Water in Fuel Counts
2006	AMPS	FCA-mA	FCA mA
2006	INJ_QTY	BAL-1	Balancing Fuel Flow Rate Cyl #1
2006	INJ_QTY	BAL-2	Balancing Fuel Flow Rate Cyl #2
2006	INJ_QTY	BAL-3	Balancing Fuel Flow Rate Cyl #3
2006	INJ_QTY	BAL-4	Balancing Fuel Flow Rate Cyl #4
2006	INJ_QTY	BAL-5	Balancing Fuel Flow Rate Cyl #5
2006	INJ_QTY	BAL-6	Balancing Fuel Flow Rate Cyl #6
2006	INJ_QTY	FR-BAL	Commanded Fuel with Balance Rates
2006	INJ_QTY	MIQ-RAW	Main Inj Qty Raw
2006	INJ_QTY	MIQ-BAL	Main Inj Qty with Balance Rates
2006	INJ_QTY	MI-D	Main Injection Duration
2006	INJ_QTY	PI-D	Pilot Injection Duration
2006	INJ_QTY	POI-D	Post Injection Duration
2006	MISC	ClrDist*	Distance since DTC cleared SAE
2006	MISC	DistMIL*	Distance since MIL is activated SAE
2006	PERCENTAGE	Load-%	Engine Load % Calculated
2006	PERCENTAGE	Load-%C*	Engine Load % Calculated SAE
2006	PERCENTAGE	Fan-DC	Fan Duty Cycle
2006	PERCENTAGE	FCA-FF	FCA Allowed Fuel Flow
2006	PERCENTAGE	FCA-DC	FCA Duty Cycle
2006	PERCENTAGE	FCA-DC-D	FCA Duty Cycle Desired
2006	PERCENTAGE	Fuel-%*	Fuel Level % SAE
2006	PERCENTAGE	Fuel-%	Fuel Level %
2006	PERCENTAGE	TP1-%	Throttle 1 Position
2006	PERCENTAGE	TP2-%	Throttle 2 Position
2006	PERCENTAGE	TP-A*	Throttle Absolute Position SAE

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2006	PERCENTAGE	TP-%	Throttle Position
2006	PERCENTAGE	TQ-Max-%	Torque Maximum %
2006	PERCENTAGE	WG-DC	Wastegate Duty Cycle
2006	PRESSURE	AC-P	AC High Side Pressure
2006	PRESSURE	Baro-P	Barometric Pressure
2006	PRESSURE	Baro-P*	Barometric Pressure SAE
2006	PRESSURE	Boost	Boost Pressure
2006	PRESSURE	IMAP*	Intake Manifold Absolute Press SAE
2006	PRESSURE	RP	Rail Pressure Actual
2006	PRESSURE	RP*	Rail Pressure Actual SAE
2006	PRESSURE	RP-D	Rail Pressure Desired
2006	PRESSURE	RPH-E	Rail Pressure High Total Error
2006	PRESSURE	RPL-E	Rail Pressure Low Total Error
2006	RPM	CAM-RPM	Camshaft RPM
2006	RPM	CRK-RPM	Crankshaft RPM
2006	RPM	ES	Engine Speed
2006	RPM	ES*	Engine Speed SAE
2006	RPM	Fan	Fan Speed
2006	RPM	IS1-D	Idle Speed Desired 1
2006	RPM	IS2-D	Idle Speed Desired 2
2006	SPEED	CC-SS	Cruise Control Set Speed
2006	SPEED	Speed	Vehicle Speed
2006	SPEED	Speed*	Vehicle Speed SAE
2006	TEMPERATURE	AAT*	Ambient Air Temperature SAE
2006	TEMPERATURE	Bat-Temp	Battery Temperature
2006	TEMPERATURE	ECT	Engine Coolant Temp
2006	TEMPERATURE	ECT*	Engine Coolant Temp SAE
2006	TEMPERATURE	ILAT	Inlet Air Temperature
2006	TEMPERATURE	IAT	Intake Air Temperature
2006	TEMPERATURE	IAT*	Intake Air Temperature SAE
2006	TEMPERATURE	IAM-T	Intake Manifold Temperature
2006	TEMPERATURE	EGT-Ext	SMARTY EGT Sensor External Temp
2006	TEMPERATURE	EGT-Int	SMARTY EGT Sensor Internal Temp
2006	TEMPERATURE	STC-IT	SMARTY Touch Controller Internal Temp
2006	TIMER	IAH-T	Intake Air Heater Pre-Heat Timer
2007.5-2009	ADVALUES	DTC#Clr*	# of warm-ups since DTC cleared SAE
2007.5-2009	ADVALUES	AC-AD	AC High Side Pressure A/D
2007.5-2009	ADVALUES	Alt-V-AD	Alternator Voltage A/D Value
2007.5-2009	ADVALUES	Bat-T-AD	Battery Temp A/D Value
2007.5-2009	ADVALUES	Boost-AD	Boost Pressure A/D Value
2007.5-2009	ADVALUES	ECM-V-AD	ECM Voltage A/D Value

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2007.5-2009	ADVALUES	ECT-AD	Engine Coolant Temp A/D Value
2007.5-2009	ADVALUES	Eng-S	Engine Status
2007.5-2009	ADVALUES	EXH-P-AD	Exhaust Pressure A/D Value
2007.5-2009	ADVALUES	FS	Fueling Scaler
2007.5-2009	ADVALUES	Inj-FS	Injector Fueling Status
2007.5-2009	ADVALUES	IOP-AD	Injector Open Circ Faults
2007.5-2009	ADVALUES	Inj-12VF	Injector Short to 12V Circ Faults
2007.5-2009	ADVALUES	Inj-GndF	Injector Short to GND Circ Faults
2007.5-2009	ADVALUES	InjTim-S	Injector Timing Status
2007.5-2009	ADVALUES	ILAT-AD	Inlet Air Temperature A/D Value
2007.5-2009	ADVALUES	IAH-S	Intake Air Heater State
2007.5-2009	ADVALUES	IAH-S	Intake Air Heater Status
2007.5-2009	ADVALUES	IAT-AD	Intake Air Temp A/D Value
2007.5-2009	ADVALUES	KeyC	Key Counter
2007.5-2009	ADVALUES	RP-CS	Rail Pressure Control State
2007.5-2009	ADVALUES	RP-SS	Rail Pressure Sensor State
2007.5-2009	ADVALUES	TP1-AD	Throttle 1 Position A/D Value
2007.5-2009	ADVALUES	TP2-AD	Throttle 2 Position A/D Value
2007.5-2009	ADVALUES	WIF	Water in Fuel
2007.5-2009	ADVALUES	WIF-AD	Water in Fuel A/D Value
2007.5-2009	AIRFLOW	MAF*	Flow Rate From MAF sensor SAE
2007.5-2009	AIRFLOW	VGT-AF	VGT Turbo Air Flow
2007.5-2009	AMPS	FCA-mA	FCA mA
2007.5-2009	INJ_QTY	BAL-1	Balancing Fuel Flow Rate Cyl #1
2007.5-2009	INJ_QTY	BAL-2	Balancing Fuel Flow Rate Cyl #2
2007.5-2009	INJ_QTY	BAL-3	Balancing Fuel Flow Rate Cyl #3
2007.5-2009	INJ_QTY	BAL-4	Balancing Fuel Flow Rate Cyl #4
2007.5-2009	INJ_QTY	BAL-5	Balancing Fuel Flow Rate Cyl #5
2007.5-2009	INJ_QTY	BAL-6	Balancing Fuel Flow Rate Cyl #6
2007.5-2009	INJ_QTY	FR-BAL	Commanded Fuel with Balance Rates
2007.5-2009	INJ_QTY	MIQ-RAW	Main Inj Qty Raw
2007.5-2009	INJ_QTY	MIQ-BAL	Main Inj Qty with Balance Rates
2007.5-2009	INJ_QTY	MI-D	Main Injection Duration
2007.5-2009	INJ_QTY	PI-D	Pilot Injection Duration
2007.5-2009	INJ_QTY	POI-D	Post Injection Duration
2007.5-2009	MISC	ClrDist*	Distance since DTC cleared SAE
2007.5-2009	MISC	DistMIL*	Distance since MIL is activated SAE
2007.5-2009	MISC	VGT-AD	VGT Turbo Air Density
2007.5-2009	MISC	VGT-S-Hz	VGT Turbo Speed Sensor Frequency
2007.5-2009	MRPM	CRK-RPM	Crankshaft RPM
2007.5-2009	PERCENTAGE	EGR-C*	EGR Commanded SAE

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2007.5-2009	PERCENTAGE	EGR-Err*	EGR Error SAE
2007.5-2009	PERCENTAGE	Load-%	Engine Load % Calculated
2007.5-2009	PERCENTAGE	Load-%C*	Engine Load % Calculated SAE
2007.5-2009	PERCENTAGE	Fan-DC	Fan Duty Cycle
2007.5-2009	PERCENTAGE	FCA-FF	FCA Allowed Fuel Flow
2007.5-2009	PERCENTAGE	FCA-DC	FCA Duty Cycle
2007.5-2009	PERCENTAGE	FCA-DC-D	FCA Duty Cycle Desired
2007.5-2009	PERCENTAGE	Fuel-%*	Fuel Level % SAE
2007.5-2009	PERCENTAGE	PLT	Power Limit Throttle
2007.5-2009	PERCENTAGE	TP1-%	Throttle 1 Position
2007.5-2009	PERCENTAGE	TP2-%	Throttle 2 Position
2007.5-2009	PERCENTAGE	TP-A*	Throttle Absolute Position SAE
2007.5-2009	PERCENTAGE	TP-%	Throttle Position
2007.5-2009	PERCENTAGE	TQ-Max-%	Torque Maximum %
2007.5-2009	PERCENTAGE	VGT-P	VGT Turbo Actual Position
2007.5-2009	PERCENTAGE	VGT-D	VGT Turbo Position Desired
2007.5-2009	PRESSURE	AC-P	AC High Side Pressure
2007.5-2009	PRESSURE	Baro-P	Barometric Pressure
2007.5-2009	PRESSURE	Baro-P*	Barometric Pressure SAE
2007.5-2009	PRESSURE	Boost	Boost Pressure
2007.5-2009	PRESSURE	CRKC-P	Crankcase Pressure
2007.5-2009	PRESSURE	EXH-P	Exhaust Pressure
2007.5-2009	PRESSURE	ICP	Intake Charge Pressure
2007.5-2009	PRESSURE	IMAP*	Intake Manifold Absolute Press SAE
2007.5-2009	PRESSURE	RP	Rail Pressure Actual
2007.5-2009	PRESSURE	RP*	Rail Pressure Actual SAE
2007.5-2009	PRESSURE	RP-D	Rail Pressure Desired
2007.5-2009	PRESSURE	RP-Max	Rail Pressure Recorded Max
2007.5-2009	PRESSURE	RP-MaxD	Rail Pressure This Drive Max
2007.5-2009	PRESSURE	VGT-IP	VGT Compressor Inlet Air Pressure
2007.5-2009	RPM	CAM-RPM	Camshaft RP
2007.5-2009	RPM	ES	Engine Speed
2007.5-2009	RPM	ES*	Engine Speed SAE
2007.5-2009	RPM	Fan	Fan Speed
2007.5-2009	RPM	IS-D	Idle Speed Desired
2007.5-2009	RPM	VGT-S	VGT Turbo Speed
2007.5-2009	RPM	VGT-SE	VGT Turbo Speed Estimated
2007.5-2009	SPEED	Speed	Vehicle Speed
2007.5-2009	SPEED	Speed*	Vehicle Speed SAE
2007.5-2009	TEMPERATURE	AAT*	Ambient Air Temperature SAE
2007.5-2009	TEMPERATURE	Bat-Temp	Battery Temperature

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2007.5-2009	TEMPERATURE	EGT1*	Cat Temp Bank 1 Sensor 1 SAE
2007.5-2009	TEMPERATURE	EGT2*	Cat Temp Bank 1 Sensor 2 SAE
2007.5-2009	TEMPERATURE	ECT	Engine Coolant Temp
2007.5-2009	TEMPERATURE	ECT*	Engine Coolant Temp SAE
2007.5-2009	TEMPERATURE	ILAT	Inlet Air Temperature
2007.5-2009	TEMPERATURE	IAT	Intake Air Temperature
2007.5-2009	TEMPERATURE	IAT*	Intake Air Temperature SAE
2007.5-2009	TEMPERATURE	ICT	Intake Charge Temperature
2007.5-2009	TEMPERATURE	IAM-T	Intake Manifold Temperature
2007.5-2009	TEMPERATURE	EGT-Ext	SMARTY EGT Sensor External Temp
2007.5-2009	TEMPERATURE	EGT-Int	SMARTY EGT Sensor Internal Temp
2007.5-2009	TEMPERATURE	STC-IT	SMARTY Touch Controller Internal Temp
2007.5-2009	TEMPERATURE	VGT-IT	VGT Compressor Inlet Air Temp
2007.5-2009	TEMPERATURE	VGT-OT	VGT Compressor Outlet Air Temp
2007.5-2009	TIMER	IAH-T	Intake Air Heater Pre-Heat Timer
2007.5-2009	TIMER	DTCCT*	Time run by engine DTC cleared SAE
2007.5-2009	TIMER	MILT*	Time run by engine MIL active SAE
2007.5-2009	TIMER	T-ES*	Time Since Engine Start SAE
2007.5-2009	TIMING	TIM	Main Injection Timing
2007.5-2009	VOLT	Alt-V	Alternator Volt Actual
2007.5-2009	VOLT	ECM-V	ECM Volt
2007.5-2009	VOLT	ECM-V*	ECM Volt SAE
2007.5-2009	VOLT	InjC-V	Injector Charge Capacitor Volt
2007.5-2009	VOLT	RP-V	Rail Pressure Sensor Volt
2007.5-2009	VOLT	STC-SV	SMARTY Touch Controller Supply Volt
2007.5-2009	VOLT	V-D	Volt desired
2010-2012	ADVALUES	DTC#Clr*	# of warm-ups since DTC cleared SAE
2010-2012	ADVALUES	DeSoot	DeSoot Enable
2010-2012	ADVALUES	DeSOx	DeSOx Enable
2010-2012	ADVALUES	ESS-U	Engine Speed Sensor In Use
2010-2012	AIRFLOW	EGR-F	EGR Flow
2010-2012	AIRFLOW	MAF*	Flow Rate From MAF sensor SAE
2010-2012	INJ_QTY	EFR*	Engine Fuel Rate SAE
2010-2012	MISC	ClrDist*	Distance since DTC cleared SAE
2010-2012	MISC	DistMIL*	Distance since MIL is activated SAE
2010-2012	MISC	TQ	Torque Current Output
2010-2012	PERCENTAGE	EGR-DC	EGR Airflow Ctrl Valve Duty Cycle
2010-2012	PERCENTAGE	EGR-VP	EGR Airflow Ctrl Valve Position
2010-2012	PERCENTAGE	EGRC-P	EGR Cooler By-pass Valve Position
2010-2012	PERCENTAGE	EGR	EGR Valve Actual Position
2010-2012	PERCENTAGE	EGR-D	EGR Valve Position Desired

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2010-2012	PERCENTAGE	Load-%*	Engine Load % Actual SAE
2010-2012	PERCENTAGE	Load-%	Engine Load % Calculated
2010-2012	PERCENTAGE	Load-%C*	Engine Load % Calculated SAE
2010-2012	PERCENTAGE	Load-%D*	Engine Load % Desired SAE
2010-2012	PERCENTAGE	Fuel-%*	Fuel Level % SAE
2010-2012	PERCENTAGE	TP-A*	Throttle Absolute Position SAE
2010-2012	PERCENTAGE	TP-%	Throttle Position
2010-2012	PERCENTAGE	TP-R*	Throttle Relative Position SAE
2010-2012	PERCENTAGE	VGT-Az	VGT Turbo Position (Autozeroed)
2010-2012	PERCENTAGE	VGT-D	VGT Turbo Position Desired
2010-2012	PRESSURE	Baro-P*	Barometric Pressure SAE
2010-2012	PRESSURE	Boost	Boost Pressure
2010-2012	PRESSURE	CRKC-P	Crankcase Pressure
2010-2012	PRESSURE	ILAP	Inlet Air Pressure
2010-2012	PRESSURE	RP	Rail Pressure Actual
2010-2012	PRESSURE	RP-D	Rail Pressure Desired
2010-2012	PRESSURE	VGT-IP	VGT Compressor Inlet Air Pressure
2010-2012	RPM	ES	Engine Speed
2010-2012	RPM	ES*	Engine Speed SAE
2010-2012	RPM	Fan	Fan Speed
2010-2012	RPM	VGT-S	VGT Turbo Speed
2010-2012	SPEED	Speed	Vehicle Speed
2010-2012	SPEED	Speed*	Vehicle Speed SAE
2010-2012	TEMPERATURE	AAT*	Ambient Air Temperature SAE
2010-2012	TEMPERATURE	Chrg-T	Charge Temp
2010-2012	TEMPERATURE	EGR-Temp	EGR Orifice Temp
2010-2012	TEMPERATURE	ECT	Engine Coolant Temp
2010-2012	TEMPERATURE	ECT*	Engine Coolant Temp SAE
2010-2012	TEMPERATURE	EGT1	Exhaust Gas Temp Sensor 1
2010-2012	TEMPERATURE	EGT2	Exhaust Gas Temp Sensor 2
2010-2012	TEMPERATURE	EGT3	Exhaust Gas Temp Sensor 3
2010-2012	TEMPERATURE	EGT4	Exhaust Gas Temp Sensor 4
2010-2012	TEMPERATURE	ILAT	Inlet Air Temperature
2010-2012	TEMPERATURE	IAT	Intake Air Temperature
2010-2012	TEMPERATURE	IAT*	Intake Air Temperature SAE
2010-2012	TEMPERATURE	IC-OT	Intercooler Outlet Temp
2010-2012	TEMPERATURE	IC-OT-E	Intercooler Outlet Temp Estimated
2010-2012	TEMPERATURE	EGT-Ext	SMARTY EGT Sensor External Temp
2010-2012	TEMPERATURE	EGT-Int	SMARTY EGT Sensor Internal Temp
2010-2012	TEMPERATURE	STC-IT	SMARTY Touch Controller Internal Temp
2010-2012	TEMPERATURE	VGT-IT	VGT Compressor Inlet Air Temp

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2010-2012	TEMPERATURE	VGT-OT	VGT Compressor Outlet Air Temp
2010-2012	TIMER	T-ES*	Time Since Engine Start SAE
2010-2012	TIMING	TIM*	Main Injection Timing SAE
2010-2012	TRANSMISSION	Gear	Current Gear
2010-2012	TRANSMISSION	Gear-P	Present Gear
2010-2012	TRANSMISSION	Gear-S	Selected Gear
2010-2012	TRANSMISSION	TRANS-OT	Trans Oil Temperature
2010-2012	TRANSMISSION	TRANS-ST	Trans Sump Temperature
2010-2012	TRANSMISSION	TTS	Trans Turbine Speed
2010-2012	VOLT	ECM-V	ECM Volt
2010-2012	VOLT	ECM-V*	ECM Volt SAE
2010-2012	VOLT	STC-SV	SMARTY Touch Controller Supply Volt
2010-2012	VOLT	TP-V	Throttle Position Volt
2010-2012	VOLT	V-D	Volt desired
2013-2018	ADVALUES	DTC#Clr*	# of warm-ups since DTC cleared SAE
2013-2018	ADVALUES	KeyC	Key Counter
2013-2018	AIRFLOW	EGR-F	EGR Flow
2013-2018	AIRFLOW	MAF	Mass Air Flow
2013-2018	AIRFLOW	VGT-AF	VGT Turbo Air Flow
2013-2018	INJ_QTY	EFR*	Engine Fuel Rate SAE
2013-2018	MISC	AFT-AS	AFT Ammonia Sensor
2013-2018	MISC	AFT-DEF	AFT DEF Dosing Rate
2013-2018	MISC	ClrDist*	Distance since DTC cleared SAE
2013-2018	MISC	DistMIL*	Distance since MIL is activated SAE
2013-2018	MISC	ETM	Engine Torque Mode
2013-2018	MISC	FPT	Flywheel Potential Torque (68RFE)
2013-2018	MISC	FCS	Fueling Control State
2013-2018	MISC	HSG-AS	High Speed Governor Active Speed
2013-2018	PERCENTAGE	AFT-DEF	AFT DEF Quality Sensor
2013-2018	PERCENTAGE	EGRC-E	EGR Cooler Efficiency
2013-2018	PERCENTAGE	EGR	EGR Valve Actual Position
2013-2018	PERCENTAGE	EGR-D	EGR Valve Position Desired
2013-2018	PERCENTAGE	Load-%	Engine Load % Actual
2013-2018	PERCENTAGE	Load-%*	Engine Load % Actual SAE
2013-2018	PERCENTAGE	Load-%C*	Engine Load % Calculated SAE
2013-2018	PERCENTAGE	Load-%D*	Engine Load % Desired SAE
2013-2018	PERCENTAGE	EBV-P	Exhaust Bypass Valve Position
2013-2018	PERCENTAGE	Fan-DC	Fan Duty Cycle
2013-2018	PERCENTAGE	Fuel-%*	Fuel Level % SAE
2013-2018	PERCENTAGE	IATH-A	Intake Air Throttle Position Actual
2013-2018	PERCENTAGE	IATH-D	Intake Air Throttle Position Desired

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2013-2018	PERCENTAGE	TP-%	Throttle Position
2013-2018	PERCENTAGE	TP1-%	Throttle 1 Position
2013-2018	PERCENTAGE	TP2-%	Throttle 2 Position
2013-2018	PERCENTAGE	TP-A*	Throttle Absolute Position SAE
2013-2018	PERCENTAGE	VGT	VGT Turbo Position Actual
2013-2018	PERCENTAGE	VGT-D	VGT Turbo Position Desired
2013-2018	PRESSURE	AC-P	AC Pressure
2013-2018	PRESSURE	Baro-P	Barometric Pressure
2013-2018	PRESSURE	Baro-P*	Barometric Pressure SAE
2013-2018	PRESSURE	Boost	Boost Pressure
2013-2018	PRESSURE	CRKC-P	Crankcase Pressure
2013-2018	PRESSURE	DPF-DP	DPF Delta Pressure
2013-2018	PRESSURE	DPF-OP	DPF Outlet Pressure
2013-2018	PRESSURE	EXH-P	Exhaust Pressure
2013-2018	PRESSURE	RP	Rail Pressure Actual
2013-2018	PRESSURE	RP-D	Rail Pressure Desired
2013-2018	PRESSURE	RP-R	Rail Pressure Rationality
2013-2018	PRESSURE	VGT-IP	VGT Compressor Inlet Air Pressure
2013-2018	RPM	ES	Engine Speed
2013-2018	RPM	ES*	Engine Speed SAE
2013-2018	RPM	Fan	Fan Speed
2013-2018	RPM	TA-A	Turbine Acceleration Actual (68RFE)
2013-2018	RPM	TA-D	Turbine Acceleration Desired (68RFE)
2013-2018	RPM	VGT-S	VGT Turbo Speed
2013-2018	SPEED	Speed	Vehicle Speed
2013-2018	SPEED	Speed*	Vehicle Speed SAE
2013-2018	TEMPERATURE	AAT	Ambient Air Temperature
2013-2018	TEMPERATURE	AAT*	Ambient Air Temperature SAE
2013-2018	TEMPERATURE	CAT-IT	Catalyst Inlet Temperature
2013-2018	TEMPERATURE	CAT-OT	Catalyst Outlet Temperature
2013-2018	TEMPERATURE	DPF-OT	Catalyst Soot Filter Outlet Temperature
2013-2018	TEMPERATURE	EGR-Temp	EGR Orifice Temperature
2013-2018	TEMPERATURE	ECT	Engine Coolant Temp
2013-2018	TEMPERATURE	ECT*	Engine Coolant Temp SAE
2013-2018	TEMPERATURE	IAT*	Intake Air Temperature SAE
2013-2018	TEMPERATURE	IAM-T	Intake Manifold Temperature
2013-2018	TEMPERATURE	IC-OT	Intercooler Outlet Temperature
2013-2018	TEMPERATURE	STC-IT	S2GR2G_Controller_Internal_Temp
2013-2018	TEMPERATURE	EGT-CJ	S2GR2G_EGT_Sensor_Cold_Junction_Temp
2013-2018	TEMPERATURE	EGT	S2GR2G_EGT_Sensor_Temp
2013-2018	TEMPERATURE	SCR-IT	SCR Inlet Temperature

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2013-2018	TEMPERATURE	SCR-ITML	SCR Inlet Temperature Max Lifetime
2013-2018	TEMPERATURE	SCR-OT	SCR Outlet Temperature
2013-2018	TEMPERATURE	SCR-OTML	SCR Outlet Temperature Max Lifetime
2013-2018	TEMPERATURE	VGT-IT	VGT Compressor Inlet Air Temp
2013-2018	TIMER	T-ES*	Time Since Engine Start SAE
2013-2018	TIMING	TIM*	Main Injection Timing SAE
2013-2018	TRANSMISSION	OS	Output Speed (68RFE)
2013-2018	TRANSMISSION	Gear-P	Present Gear (68RFE)
2013-2018	TRANSMISSION	Gear-S	Selected Gear (68RFE)
2013-2018	TRANSMISSION	TCC-S	TCC State (68RFE)
2013-2018	TRANSMISSION	TQ-S	Torque Converter Slip (68RFE)
2013-2018	TRANSMISSION	TRANS-OT	Trans Oil Temperature (68RFE)
2013-2018	TRANSMISSION	TOS-S	Trans Output Shaft Speed (68RFE)
2013-2018	TRANSMISSION	TP	Trans Pressure Actual (68RFE)
2013-2018	TRANSMISSION	TP-D	Trans Pressure Desired (68RFE)
2013-2018	TRANSMISSION	TP-DC	Trans Pressure Duty Cycle (68RFE)
2013-2018	TRANSMISSION	TP-V	Trans Pressure Volt (68RFE)
2013-2018	TRANSMISSION	TT-V	Trans Temperature Volt (68RFE)
2013-2018	TRANSMISSION	TTS	Trans Turbine Speed Actual (68RFE)
2013-2018	TRANSMISSION	TTS-D	Trans Turbine Speed Desired (68RFE)
2013-2018	TRANSMISSION	T-LIMP	Transmission Limp In Status (0=Manual/AISIN,1=68RFE)
2013-2018	VOLT	Alt-V	Alternator Volt Actual
2013-2018	VOLT	AAP-V	Ambient Air Pressure Volt
2013-2018	VOLT	Boost-V	Boost Pressure Sensor Volt
2013-2018	VOLT	CAT-ITV	Catalyst Inlet Temperature Volt
2013-2018	VOLT	CAT-OTV	Catalyst Outlet Temperature Volt
2013-2018	VOLT	CK-PV	Crankcase Pressure Volt
2013-2018	VOLT	DPF-DPV	DPF Delta Pressure Volt
2013-2018	VOLT	DPF-OTV	DPF Outlet Temp Volt
2013-2018	VOLT	ECM-V	ECM Volt
2013-2018	VOLT	ECM-V*	ECM Volt SAE
2013-2018	VOLT	EGR-TV	EGR Orifice Temperature Volt
2013-2018	VOLT	EGR-PV	EGR Valve Position Volt
2013-2018	VOLT	ECT-V	Engine Coolant Temp Sensor Volt
2013-2018	VOLT	EXP-V	Exhaust Pressure Sensor Volt
2013-2018	VOLT	IAT-TPV	Intake Air Throttle Position Volt
2013-2018	VOLT	IMT-V	Intake Manifold Temperature Volt
2013-2018	VOLT	IC-OTV	Intercooler Outlet Temperature Volt
2013-2018	VOLT	RP-RV	Rail Pressure Rationality Sensor Volt
2013-2018	VOLT	RP-V	Rail Pressure Sensor Volt

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#1 in Dodge Cummins Performance

2013-2018	VOLT	STC-SV	S2GR2G_Controller_Supply_Volt
2013-2018	VOLT	SCR-ITV	SCR Inlet Temperature Volt
2013-2018	VOLT	SCR-OTV	SCR Outlet Temperature Voltage
2013-2018	VOLT	TP1-V	Throttle 1 Position Volt
2013-2018	VOLT	TP2-V	Throttle 2 Position Volt
2013-2018	VOLT	V-D	Volt desired

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