

Acronyms	Description (852)	M+ M-	Throttle Control Motor
AB1,2,3,4	Supercharger Bypass Valve	MREL	Main Relay
ABV	Supercharger Bypass Valve VSV	NCO +/-	O/D Direct Clutch Speed
ADJ2	Ground	NE+	Crankshaft Position
A/C SW	A/C Switch Signal	NE-	Camshaft/Crankshaft Position
A/C1	A/C Amplifier	NEO	ABS and Traction ECU
ACIS	Acoustic Control Intake System	NSW	Starter Circuit
ACIS	ACIS VSV	OD	Overdrive Switch
ACMG	A/C Magnetic Clutch Relay	OIL	A/T Fluid Temp. Sensor
ACT	Air Conditioning	OMR	Engine Oil Feeder Control Motor
ACV	A/C Idle Up Valve	OMT	Engine Oil Feeder Control Mtr Relay
AF+/-	Air/Fuel ratio Sensor	OX1,2,	Oxygen Sensor
AFL +/-	Air/Fuel ratio Sensor	PIM	Manifold Absolute Pressure
AFR +/-	Air/Fuel ratio Sensor	PM1	Turbo Pressure
AMC	A/C Amplifier	PMC	Waste Gate Valve VSV
(+B)	Battery Power from EFI Relay	PRG	EVAP VSV
BATT	Battery Power	PS SW	Power Steering Switch
B/M	FR/HRT (Hi) Relay	PTNK	Vapor Pressure Sensor Signal
CF	A/C Pressure Switch relay	R	Back Up Light Switch
CG	Chassis Ground	RSC	IAC (Rotary Solenoid)
CL+/-	Magnetic Clutch	RSO	IAC (Rotary Solenoid)
CODE	Transponder Key Amplifier	RXCK	Transponder Key Amplifier
DI	Fuel Pump Control	SDL	Signal Data Line
E1...	Ground (Earth)	SG	Signal Ground
EFI+/-	Traction Control ECU	SDG	Signal Data Ground
EFI+/-	Throttle ECU	SMC	Supercharger Magnetic Clutch
EFIF		SPD	Vehicle Speed
EGLS	EGR Valve Position	STA	Park/Neutral Switch
EGR	EGR VSV for control EGR Valve (connect it to VCV or atmosphere).	STP	Stop Light Switch
EO1	Ground (Earth)	TC	Data Link Connector 1
EOM	Ground (Earth)	THA	Intake Air Temp. Sensor
ELS	Electric Load Sensor Circuit	TE1...	Data Link Connector 1
ELS2	Integration Relay	THG	EGR Temperature
ETC	Throttle ECU	THW	Engine Coolant Temp.
EVAP	EVAP VSV	THWO	A/C Amplifier
FC	Fuel Pump Relay	TPC	Vapor Pressure Sensor VSV
FPU	Fuel Pressure Up VSV	TRC+/-	Traction Control ECU
G	Distributor	TXCT	Transponder Key Amplifier
G+	Camshaft Position	VC	Voltage Control
G22+	Camshaft Position	VCV	Vacuum Control Valve (on Vacuum Modulator Type EGR System)
HT1...	Oxygen Sensor Heater Control	VG	MAF Hot Wire Type
HTAF1...	Air/Fuel Heater Control	VPA1,2	Accelerator Pedal Position
IDL	Throttle position Switch	VS	MAF Vane Type
IGF	IGF Signal	VSV1	Intake Air Control VSV
IGSW	Ignition Switch	VSV2	Exhaust Gas Control Valve
IGT	Igniter/Ignition Coil(s)	VSV3	Exhaust Bypass VSV
IMLD	Theft Deterrent ECU	VTO1	Throttle ECU
IMLD	To Security Indicator light	VTO2	Throttle ECU
ISCC	IAC Stepper Motor	VTA1,2,	Throttle Position
ISCO	IAC Stepper Motor	W	Malfunction Indicator
KNK(L/R)	Knock Sensor	#10 -	Fuel Injectors
KS	MAF Meter Karmen Vortex Type	#80	
LOCK IN	A/C Magnetic Clutch Lock		

### Glossary of SAE and TOYOTA / LEXUS Terms

SAE ABBREVIATIONS / SAE TERMS / TOYOTA TERMS ( )- ABBREVIATIONS

A/C	Air Conditioning	Air Conditioner
ACL	Air Cleaner	Air Cleaner
AIR	Secondary Air Injection	Air Injection (AI)
AP	Acceleration Pedal	-
B+	Battery Positive Voltage	+B, Battery Voltage
BARO	Barometric Pressure	-
CAC	Charge Air Cooler	Intercooler
CAN	Controller Area Network	Controller Area Network
CARB	Carburetor	Carburetor

Note. Not all Vehicles used all Devices

CCV		CANISTER CLOSED VALVE
CFI	Continuous Fuel Injection	-
CID	Component Identification Data)	Component Identification Data)
CKP	Crankshaft Position	Crank Angle
CL	Closed Loop	Closed Loop
CMP	Camshaft Position	Cam Angle
CPP	Clutch Pedal Position	-
CTOX	Continuous Trap Oxidizer	-
CTP	Closed Throttle Position	Idle ON (IDL ON)
DFI	Direct Fuel Injection (Diesel)	Direct Injection (DI)
DI	Distributor Ignition	-
DLC 1, 2, 3	Data Link Connector 1, 2, 3	1- Check Connector, 2 -Toyota Diagnosis Communication Link (TDCL), 3- OBDII diagnostic Connector
DTC	Diagnostic Trouble Code	Diagnostic Code
DTM	Diagnostic Test Mode	-
ECL	Engine Control Level	-
ECM	Engine Control Module	Engine ECU (Electronic Control Unit)
ECT	Engine Coolant Temperature	Coolant Temperature, Water Temperature, THW
EEPROM	Electrically Erasable Programmable Read Only Memory	Erasable Programmable Read Only Memory (EPROM)
EFE	Early Fuel Evaporation	Cold Mixture heater (CMH). Heat control Valve (HCV)
EGR	Exhaust Gas Recirculation	Exhaust Gas Recirculation
EI	Electronic Ignition	Distributorless Ignition (DI)
EM	Engine Modification	Engine Modification (EM)
EPROM	Erasable Programmable Read Only Mem	Programmable Read Only Memory (PROM)
EVAP	Evaporative Emission	Evaporative Emission Control
FC	Fan Control	-
FEEPROM	Flash Electrically Erasable Programmable Read Only Memory	-
FEPRM	Flash Erasable Programmable Read Only Memory	-
FF	Flexible Fuel	-
FP	Fuel Pump	Fuel Pump
GEN	Generator	Alternator
GND	Ground	Ground
HO2S	Heated Oxygen Sensor	Heated Oxygen Sensor (HO2S)
IAC	Idle Air Control	Idle Speed Control (ISC)
IAT	Intake Air Temperature	Intake or Inlet Air Temperature
ICM	Ignition Control Module	-
IFI	Indirect Fuel Injection	Indirect Injection
IFS	Inertia FuelShutOff	-
ISC	Idle Speed Control	-
KS	Knock Sensor	Knock Sensor
MAF	Mass Air Flow	Air Flow Meter
MAP	Manifold Absolute Pressure	Manifold Pressure Intake Vacuum
MC	Mixture Control	Electric Bleed Air Valve (EBAV), Mixture Control Valve, Electric Air Control Valve (EACV)
MDP	Manifold Differential Pressure	-
MFI	Multiport Fuel Injection	Electronic Fuel Injection (EFI)
MIL	Malfunction Indicator Lamp	Check Engine Light
MST	Manifold Surface Temperature	-
MVZ	Manifold Vacuum Zone	-
NVRAM	Non-Volatile Random Access Memory	-
NiMH	Nickel Metal Hydride	Nickel Metal Hydride
O2S	Oxygen Sensor	Oxygen Sensor, O <sub>2</sub> Sensor (O <sub>2</sub> S)
OC	Oxidation Catalytic Converter	Oxidation Catalyst Converter (CC <sub>0</sub> )
OBD	On-Board Diagnostic	On-Board Diagnostic (OBD)
OIL	-	A/T Fluid Temp. Sensor
OP	Open Loop	Open Loop
PAIR	Pulsed Secondary Air Injection	Air Suction (AS)
PCM	Powertrain Control Module	-
PID	Parameter Identifier	Parameter Identifier
PNP	Park/Neutral Position	-
PROM	Programmable Read Only Memory	-
PSP	Power Steering Pressure	-
PTOX	Periodic Trap Oxidizer	Diesel Particulate Filter (DPF)

Note. Not all Vehicles used all Devices

RAM	Random Access Memory	Diesel Particulate Trap (DPT)
RM	Relay Module	Random Access Memory
ROM	Read Only Memory	-
RPM	Engine Speed	Read Only Memory
SFI	Sequential Multiport Fuel Injection	Engine Speed
SC	Supercharger	Electronic Fuel Injection (EFI), Sequential Injection
SCB	Supercharger Bypass	Supercharger
SFI	Sequential Multiport Fuel Injection	-
SPL	Smoke Puff Limiter	Electronic Fuel Injection, Sequential Injection
SRI	Service Reminder Indicator	-
SRT	System Readiness Rest	-
ST	Scan Tool	-
TB	Throttle Body	Throttle Body
TBI	Throttle Body Fuel Injection	Single Point Injection, Central Fuel Injection (CI)
TC	Turbocharger	Turbocharger
TCC	Torque Converter Clutch	Torque Converter
TCM	Transmission Control Module	TransmissionECU (Electronic Control Unit)
THG	-	EGR Temperature
TID	-	Test Identification Data
TP	Throttle Position	Throttle Position
TPC	-	Vapor Pressure Sensor
TR	Transmission Range	-
TVV	Thermal Vacuum Valve	Bimetallic Vacuum Switching Valve (BVSX), Thermostatic Vacuum Switching Valve (TVSV)
TWC	Three-Way Catalytic Converter	Three-Way Catalytic (TWC), CC <sub>p</sub>
TWC+OC	Three-Way + Oxidation Catalytic Converter	CC <sub>R</sub> + CC <sub>O</sub>
VAF	Volume Air Flow	Air Flow Meter
VPS	-	vapor pressure sensor
VR	Voltage Regulator	Voltage Regulator
VSS	Vehicle Speed Sensor	Vehicle Speed Sensor (Read Switch Type)
VV1, 2	-	-
WOT	Wide Open Throttle	Full Throttle
WU-OC	Warm Up Oxidation Catalytic Converter	-
WU-TWC	Warm Up Three-Way Catalytic Converter	Manifold Converter
3GR	Third Gear	-
4GR	Fourth Gear	-

**Abbreviations Used by Toyota / Lexus**

ABS	Anti-Lock Brake System	AUTO	Automatic
AC	Alternating Current	AUX	Auxiliary
ACC	Accessory	AVC-LAN	Audio Visual Communication – Local Area Network
ACM	Active Control Engine Mount System <sup>1</sup>	AVG	Average
ACIS	Acoustic Control Induction System	AVS	Adaptive variable Suspension
ACSD	Automatic Cold Start Device	BA	Brake Assist
ACV	Air Control Valve (ACIS)	BACS	Boost Altitude Compensation System
A.D.D.	Automatic Disconnecting Differential	BAT	Battery
A/F	Air/Fuel Ratio	BDC	Bottom Dead Center
AHC	Active Height Control Suspension	BEAMS	Breakthrough Engine with Advanced Mechanism System
ALR/ELR)	Automatic Locking Retractor/Emergency Locking Retractor	BEAN	Body Electronics Area Network
ALT	Alternator	B/L	Bi-Level
AMP	Amplifier		Bluetooth
ANT	Antenna	B/S	Bore-Stroke Ratio
APPROX.	Approximately	BTDC	Before Top Dead Center
ASL	Automatic Sound Levelizer	BVSV	Bimetallic Vacuum Switching Valve
ASV	Air Switching Valve (Actuator)	Calif.	California
A/T	Automatic Transmission (Transaxle)	CB	Circuit Breaker
ATF	Automatic transmission Fluid	C-BEST	Customized Body Electronics System
AT-PZEV	Advanced Technology Partial Zero Emission Vehicle	CC <sub>O</sub>	Catalytic Converter for Oxidation
		CCS	Cruise Control System
		CCV	Canister Closed Valve
		CD	Compact Disk
		Cd	Coefficient of drag

<sup>1</sup> EG003-99 ACTIVE CONTROL ENGINE MOUNT SYSTEM DIAGNOSIS

CF	Cornering Force	FIPG	Formed in Place Gasket
CG	Center of Gravity	FL	Fusible Link
CH	Channel	F/P	Fuel Pump
CHMSL	Center high-mount stop lamp	FPU	Fuel Pressure Up
CLV	Calculated Load Value	Fr	Front
CNG	Compressed Natural Gas	FT	Fuel Trim
COMB.	Combination	F/W	Flywheel
CPE	Coupe	FW/D	Flywheel Damper
CPS	Combustion Pressure Sensor	FWD	Front-Wheel-Drive
CPU	Central Processing Unit	GAS	gasoline
CRS	Child Restraint System	GBS	VIP Glass Breakage Sensor
CTR	Center	GND	Ground
C/V	Check Valve	GPS	Global Positioning System
CV	Control Valve	GVWR	Gross Vehicle Weight Rating
CVN	Software Calibration Verification Number or Calibration Verification Number	HAC	High Altitude Compensator
CVT	Continuously Variable Transmission	H/B	Hatchback
CW	Curb Wight	HAC	Hill Start Assist Control
DAC	Downhill Assist Control	HCAC <sup>2</sup>	Hydrocarbon Adsorber Catalyst system
DC	Direct Current	HI	High
D-CAT	Diesel Clean Advanced Technology	HID	High Intensity Discharge (Head Lamp)
DCNI	Data Communication Network Interface	HSG	Housing
DEF	Defogger	HSEA	High Solar Energy-Absorbing
DFL	Deflector	HT	Hard Top
DIFF.	Differential	HWS	Heated Windshield System
DIFF.	Differential Lock	IAC	Idle Air Control
LOCK		IC	Integrated Circuit
D/INJ	Direct Injection	IDI	Indirect Diesel Injection
DLI	Distributorless Ignition	IFS	Independent Front Suspension
DOHC	Double Over Head Cam	IG	Ignition
DP	Dash Pot	IGBT	Semiconductor Switching Device
DPNR	Diesel PM and NO <sub>x</sub> Reduction	IIA	Integrated Ignition Assembly
DRL	Daytime running lights	IN	Intake (Manifold, Valve)
DS	Dead Soak	INT	Intermittent
DSP	Digital Signal Processor	I/P	Instrumental Panel
DVD	Digital Versatile Disc	IRS	Independent Rear Suspension
EBD	Electronic Brake Force Distribution	J/B	Junction Block
ECAM	Engine Control and Measurement System	J/C	Junction Connector
ECB	Electronically Controlled Braking System	KD	Kick-Down
ECD	Electronic Controlled Diesel	LAN	Local Area Network
ECDY	Eddy Current Dynamometer	LATCH	Lower anchors and top tether brackets
ECU	Electronic Control Unit	LB	Liftback
ECT-i	Electronically Controlled Transmission with intelligence (5-speed)	LCD	Liquid Crystal Display
ED	Electro-deposited Coating	LED	Light Emitting Diode
EDIC	Electric Diesel Injection Control	LH	Left-Hand
EDU	Electronic Driving Unit	LHD	Left-Hand Drive
EFI	Electronic Fuel Injection	L/H/W	Length, Height, Width
E/G	Engine	LLC	Long-Life Coolant
EGR-VM	EGR Vacuum Modulator	LNG	Liquefied Natural Gas
ELR	Emergency Locking Retractor	LO	Low
ENG	Engine	LPG	Liquefied Petroleum Gas
ESA	Electronic Spark Advance	LSD	Limited Slip Differential
ETCS	Electronic Throttle Control System	LSP and BV	Load Sensing Proportion and Bypass Valve
ETCS-i	Electronic Throttle Control System - intelligent	LSPV	Load Sensing Proportion Valve
ETR	Electronically Tuned Radio	MAINT	Engine Oil replacement Reminder Light (USA only).
EVP	Evaporator	REQD	Maximum
E-VRV	Electric Vacuum regulating Valve	MAX.	Microphone
EXH	Exhaust	MIC	Malfunction Indicator Lamp
FCHV	Fuel Cell Hybrid Vehicle	MIL	Minimum
FE	Fuel Economy	MIN.	Multipurpose
FF	Front-Engine Front-Wheel-Drive	MP	Miles Per Gallon
F/G	Fuel Gauge	MPG	Multiplex communication System
		MPX	Manufacturer's Suggested Retail Price
		MSRP	

<sup>2</sup> Prius '01

M/T	Manual Transmission	TCCS	Toyota Computer Controlled System
MT	Mount	TCV	Timing Control Valve
MTG	Mounting	TDC	Top Dead Center
N	Neutral	TDI	Toyota Direct Ignition
NA	Natural Aspiration	TEMP.	Temperature
No.	Number	TEMS	Toyota Electronic Modulated Suspension
NVS	Night View System	TFS	Toyota Financial Services
OCV	Oil Control Valve (VVT-i) <sup>3</sup>	THS	Toyota Hybrid System
O/D	Overdrive	THC II	Toyota Hybrid System 2tr
OEM	Original Equipment Manufacturing	TID	Test Identification Data
OHC	Overhead Camshaft	TIS	Total Information System for Vehicle Development
OHV	Overhead valve	T/M	Transmission
OPT	Option	TMC	Toyota Motor Corporation
O/S	Oversize	TMMK	Toyota Motor Manufacturing Kentucky, Inc.
P and BV	Proportioning and Bypass Valve	TRAC	Traction Control System
PCS	Power Control System	TURBO	Turbocharger
PCV	Positive Crankcase Ventilation	UART	Universal Asynchronous Receiver Transmitter
PDS	Pre-Delivery Service	U/D	Underdrive
PKV	Parking Brake	U/S	Undersize
PPS	Progressive Power Steering	VCV	Vacuum Control Valve
PS	Power Steering	VENT	Ventilator
PSD	Power-Split Device	VGRS	Variable Gear Ratio Steering
PTO	Power Take-Of	VIN	Vehicle Identification Number
R and D	Research & Development	VIP	Toyota Vehicle Intrusion Protection
R and P	Rack and Pinion	VPS	Variable Power Steering
R/B	Relay Block	VSC	Vehicle Skid Control aka Vehicle Stability Control
RBS	Reticulating Bal Type Steering	VSV	Vacuum Switching Valve
RDS	Radio Broadcast Data System	VSVEVAP	Canister Purge Solenoid
R/F	Reinforcement	VVT-i	Variable Valve Timing with intelligence
RFS	Rigid Front Suspension	VVTL-i	Variable Valve Timing and Lift with intelligence
RH	Right-Hand	VTV	Vacuum Transmitting Valve
RHD	Right-Hand Drive	w/	With
RLY	Relay	WGN	Wagon
ROM	Read Only Memory	W/H	Wire Harness
Rr	Rear	w/o	Without
RR	Rear-Engine Rear Wheel Drive	1st	First
RSCA	Link System (USA only)	2st	Second
RRS	Rigid rear Suspension	2WD	Two Wheel Drive Vehicle (4x2)
RWD	Rear-Wheel Drive	4WD	Four Wheel Drive Vehicle (4x4)
SDN	Sedan		
SEN	Sensor		
SICS	Starting Injection Control System		
SOC	State of Charge		
SOHC	Single Overhead Camshaft		
SPEC	Specification		
SPI	Single Point Injection		
SRS	Supplemental Restraint System		
SSM	Special Service Material		
SST	Special Service Tools		
STD	Standard		
STJ	Cold-Start Fuel Injection		
SULEV	Super Ultra Low Emission Vehicle		
SW	Switch		
SYS	System		
T/A	Transaxle		
TACH	Tachometer		
TBI	Throttle Body Electronic Fuel Injection		
TC	Turbocharger		

12/15/04

Also take a look files ScannerPID.pdf and PIDs.pdf on my WEB-site (<http://alflash.narod.ru> )

Note.

<sup>3</sup> The **ECM** controls the Oil Control Valve to make the intake valve timing properly, and oil pressure controlled with OCV is supplied to the VVT controller, and then VVT controller changes relative position between the camshaft and the crankshaft.