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Abbreviations, Emission Control System

PREVH, PREVX, 9700

## **Abbreviations, Emission Control System**

This bulletin lists the abbreviations used to describe US07 and US2010 emissions compliant components, systems and operation.

# Abbreviations, Emission Control System

US07	US2010	DESCRIPTION
	AAT	Ambient Air Temperature
	ABS	Anti-Lock Braking System
	AC	Air Conditioning
	ACL	Air Cleaner
	ACM	Aftertreatment Control Module
AFI		Aftertreatment Fuel Injector
	AFR	Air Fuel Ratio
	AP	Accelerator Pedal
	APCS	Actively-Pressurized Cooling System
	APP	Accelerator Pedal Position
AR		Active Regeneration
	A/T	Automatic Transmission
ATS		Aftertreatment System
	AWL	Amber Warning Lamp
	BARO	Barometric Pressure
	BBM	Body Builder Module
	BPP	Brake Pedal Position
CAC	CAC	Charge Air Cooler
	CAL	Calibration
	CAL ID	Calibration Identification
	CAN	Controller Area Network
	CAT	Catalyst
	CC	Cruise Control
	CCB	Crankcase Breather
	CCM	Comprehensive Component Monitor
	CCP	Crankcase Pressure
	CCS	Coast Clutch Solenoid
CCV		Crankcase Ventilation
CEGR		Cooled Exhaust Gas Recirculation
	CFI	Continuous Fuel Injection
	CKP	Crankshaft Position
	CL	Closed Loop
	CM	Cold Mode
	CMP	Camshaft Position
CO		Carbon Monoxide

	CP	Coolant Pressure
	CPP	Clutch Pedal Position
	CR	Compression Ratio
	CTP	Closed Throttle Position
	CVN	Calibration Verification Number
D11F		Volvo 11 Liter Diesel Engine with US07 Compliant Emissions
	D11H	Volvo 11 Liter Diesel Engine with US2010 Compliant Emissions
D13F		Volvo 13 Liter Diesel Engine with US07 Compliant Emissions
	D13H	Volvo 13 Liter Diesel Engine with US2010 Compliant Emissions
D16F		Volvo 16 Liter Diesel Engine with US07 Compliant Emissions
	D16H	Volvo 16 Liter Diesel Engine with US2010 Compliant Emissions
	DCC	Diagnostic Connector, Cab
	DCU	Diagnostic Connector, Under-hood
	DEF	Diesel Exhaust Fluid
	DF	Deterioration Factor
	DFI	Direct Fuel Injection
	DLC	Data Link Connector
DOC	DOC	Diesel Oxidation Catalyst
DPF	DPF	Diesel Particulate Filter
	DRL	Daytime Running Lights
DRV		Discharge Recirculation Valve
	DST	Detonation Sensitive Timing
	DTC	Diagnostic Trouble Code
	DTM	Diagnostic Test Mode
	DVOM	Digital Volt Ohm Meter
EATS		Exhaust Aftertreatment System
	EBP	Exhaust Back Pressure
	EC	Engine Control
	ECC	Electronic Climate Control
	ECL	Engine Coolant Level
	ECM	Engine Control Module
	ECP	Engine Certification Plate
	ECP	Engine Coolant Pressure
	ECT	Engine Coolant Temperature
	ECS	Electronically-Controlled Suspension
	ECU	Electronic Control Unit
	EEC	Electronic Engine Control
EECU		Engine Electronic Control Unit
	EEPROM	Electronically Erasable Programmable Read Only Memory
	EFC	Electronic Fuel Control
	EFT	Engine Fuel Temperature

EGR	EGR	Exhaust Gas Recirculation
	EGT	Exhaust Gas Temperature
	EHT	Electronic Hand Throttle
	EM	Engine Modification
	EO	Engine Overspeed
	EOL	Engine Oil Level
	EOP	Engine Oil Pressure
	EOT	Engine Oil Temperature
	EPG	Exhaust Pressure Governor
	EPROM	Erasable Programmable Read Only Memory
	ESC	Engine Speed Control
	ESP	Electronic Stability Program
	EST	Exhaust System Temperature
	ETA	Engine Timing Actuator
EUI		Electronic Unit Injector
	FC	Fan Control
	FCC	Fan Control Circuit
	FI	Fuel Injection
	FL	Fuel Lift
	FMI	Failure Mode Indicator
	FP	Fuel Pump
	FRA	Fuel Rack Actuator
	FS	Fuel Shutoff
	FT	Fuel Trim
	GD	Guided Diagnostics
	GMF	Gas Mass Flow
	GND	Ground
	GPS	Global Positioning System
	GSECU	Gear Selector Electronic Control Unit
HC		Hydrocarbons
HEST		High Exhaust System Temperature
	HI	High Idle
	HIG	High Idle Governor
	IA	Intake Air
	IAH	Intake Air Heater
	IAP	Injection Actuation Pressure
	IAT	Intake Air Temperature
	ICP	Injection Control Pressure
	ID	Identification Data
	IFI	Indirect Fuel Injection
	IFP	Injection Fuel Pressure

	I/M	Inspection and Maintenance
	IMP	Intake Manifold Pressure
	IMS	Idle Management System
	INJ	Injector
	ISC	Idle Speed Control
	IV	Idle Validation
	IVS	Idle Validation Switch
	LCM	Light Control Module
	LOAD	Calculated Load Value
	LOV	Life of Vehicle
	LVD	Logged Vehicle Data
	MAF	Mass Air Flow
	MAP	Manifold Absolute Pressure
	MDP	Manifold Differential Pressure
	MID	Message Identification
	MIL	Malfunction Indicator Lamp
MP7 US07		Mack 11 Liter Diesel Engine with US07 Compliant Emissions
	MP7 US2010	Mack 11 Liter Diesel Engine with US2010 Compliant Emissions
MP8 US07		Mack 13 Liter Diesel Engine with US07 Compliant Emissions
	MP8 US2010	Mack 13 Liter Diesel Engine with US2010 Compliant Emissions
MP10 US07		Mack 16 Liter Diesel Engine with US07 Compliant Emissions
	MP10 US2010	Mack 16 Liter Diesel Engine with US2010 Compliant Emissions
NCV		Needle Control Valve
NOP		Needle Opening Pressure
NOx	NOx	Nitrogen Oxide
	OBD	On Board Diagnostic
	OC	Oxidation Catalyst
	OL	Open Loop
	OSS	Output Shaft Speed
	PC	Pressure Control
	PID	Parameter Identification
	PL	Protect Lamp
PM		Particulate Matter
	PNP	Park/Neutral Position
	PPID	Proprietary Parameter Identification
PR		Passive Regeneration
	PROM	Programmable Read Only Memory
	PSID	Proprietary Subsystem Identification
PTO	PTO	Power Takeoff
PTT	PTT	Premium Tech Tool
	PW	Pulse Width

	PWM	Pulse Width Modulation
	RAM	Random Access Memory
	RFP	Rail Fuel Pressure
	ROM	Read Only Memory
	RPM	Revolutions Per Minute
	RSL	Red Stop Lamp
	RSL	Road Speed Limit
	SCR	Selective Catalytic Reduction
	SFP	Supply Fuel Pressure
	SFT	Supply Fuel Temperature
	SID	Subsystem Identification
SOV		Shut-Off Valve
SP		Spill Valve
	SPL	Smoke Puff Limiter
SRA		Smart Remote Actuator
	SRI	Service Reminder Indicator
	SPN	Suspect Parameter Number
	SRS	Supplemental Restraint System
	SRT	System Readiness Test
	SS	Shift Solenoid
	ST	Scan Tool
	TACH	Tachometer
	TC	Turbocharger
	TCM	Transmission Control Module
TDC		Top Dead Center
	TGW	Telematics Gateway
	TPM	Tire Pressure Monitoring
	TP	Throttle Position
	TPM	Tire Pressure Monitoring
	TR	Transmission Range
	TSS	Turbine Shaft Speed
	TWC	Three Way Catalyst
	UDS	Urea Dosing System
UHFP		Ultra High Fuel injection Pressure
ULSD		Ultra Low Sulfur Diesel
VBOC		Vertical Back of Cab
VCADS	VCADS	Vehicle Computer-Aided Diagnostic System
	VDA	Vehicle Data Administration
VECU	VECU	Vehicle Electronic Control Unit
VGT	VGT	Variable Geometry Turbocharger
	VIN	Vehicle Identification Number

	VLS	Vehicle Limiting Speed
	VREF	Voltage Reference
	VSG	Variable Speed Governor
	VSS	Vehicle Speed Sensor
	WCC	Wastegate Control Circuit
	WSL	Wait to Start Lamp