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Abbreviations, Emission Control
System
D11F, D13F and D16F

Abbreviations, Emission Control System

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

Abbreviations, Emission Control System

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AFI	Aftertreatment Fuel Injector
ATS	Aftertreatment System
AR	Active Regeneration
CO	Carbon Monoxide
CAC	Charge Air Cooler
CEGR	Cooled Exhaust Gas Recirculation
CCV	Crankcase Ventilation
D11F	Volvo 11 liter diesel engine with US07 compliant emissions
D13F	Volvo 13 liter diesel engine with US07 compliant emissions
D16F	Volvo 16 liter diesel engine with US07 compliant emissions
DOC	Diesel Oxidation Catalyst
DPF	Diesel Particulate Filter
DRV	Discharge Recirculation Valve
EUI	Electronic Unit Injector
EECU	Engine Electronic Control Unit
EATS	Exhaust Aftertreatment System
EGR	Exhaust Gas Recirculation
HC	Hydrocarbons
HEST	High Exhaust System Temperature

MP7	Mack 11 liter diesel engine
MP8	Mack 13 liter diesel engine
MP10	Mack 16 liter diesel engine
NCV	Needle Control Valve
NOP	Needle Opening Pressure
NOx	Nitrogen Oxide
PM	Particulate Matter
PR	Passive Regeneration
PTO	Power Take-Off
PTT	Premium Tech Tool
SOV	Shut-Off Valve
SP	Spill Valve
SRA	Smart Remote Actuator
TDC	Top Dead Center
UHFP	Ultra High Fuel injection Pressure
ULSD	Ultra Low Sulfur Diesel
VCADS	Vehicle Computer-Aided Diagnostic System
VBOC	Vertical Back of Cab
VEB	Volvo Engine Brake
VGT	Variable Geometry Turbocharger
VECU	Vehicle Electronic Control Unit