



Technical Bulletin

Subject: **J 1930 Nomenclature Revisions**

Group: **00**

Number: **96-03**

Model(s): **All**

1993 ►

Date: **Dec. 27, 1996**

Supersedes T.B. 00-95-02, dated Nov. 20, 1995

Beginning with Model Year 1994 (1993 in California), EPA regulations require that certain words and terms (nomenclature) must be uniformly applied by all manufacturers in their Service Literature. when referring to emission related components and systems.

Some of the new terms may at first seem unfamiliar but they will be used uniformly by all manufacturers when referring to these same components or systems.

This technical bulletin is a living document. While not complete, this list attempts to cover those applications presently being used by Audi and Volkswagen Publications. When new nomenclature is developed, this technical bulletin will be updated.

Use the information contained in this Technical Bulletin as a reference when naming or identifying components. **Additions to the previous bulletin appear in bold.**

Old Term	New Term	Abbreviations
Accelerator Pedal	Accelerator Pedal	AP
Activated Charcoal Canister	Evaporative Emission Canister	EVAP Canister
Activated Charcoal Lines	Evaporative Emission Lines	EVAP Lines
Air Conditioning	Air Conditioning	A/C
Air Conditioning System	Air Conditioning System	A/C System
Air Conditioning Compressor Clutch	Air Conditioning Clutch	A/C Clutch
Air Filter	Air Cleaner	ACL
Air Filter Housing	Air Cleaner Housing	ACL Housing
Air Filter Element	Air Cleaner Element	ACL Element
Air Flow Meter	Mass Air Flow Sensor or Volume Air Flow Sensor*	MAF Sensor or VAF Sensor*
Air Flow Sensor	Mass Air Flow Sensor or Volume Air Flow Sensor*	MAF Sensor or VAF Sensor*
Air Flow Sensor Potentiometer	Volume Air Flow Position Sensor	VAF Position Sensor
Air Injection	Secondary Air Injection	AIR
Air Injection	Secondary Air Injection Pump	AIR Pump
Air Intake Hose	Intake Air Duct	IA Duct
Air Mass	Mass Air Flow	MAF
Air Mass Meter	Mass Air Flow Sensor	MAF Sensor
Air Mass Sensor	Mass Air Flow Sensor	MAF Sensor
All-Wheel-Drive	Full Time Four Wheel Drive	F4WD
Alternator	Generator	GEN
Altitude Sensor	Barometric Pressure Sensor	BARO Sensor
Ambient Air Temperature	Ambient Air Temperature	AAT
Automatic Transmission	Automatic Transmission	A/T

*Correct term depends on vehicle application and fuel system.



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Old Term	New Term	Abbreviations
Automatic Transaxle	Automatic Transaxle	A/T
Auxiliary Air Regulator	Thermal Idle Air Control Valve	Thermal IAC Valve
Battery Positive Voltage	Battery Positive Voltage	B+
Bypass Air	Idle Air Control	IAC
Brake Pedal Position Sensor	Brake Pedal Position	BPP
Brake Pressure	Brake Pressure	Brake Pressure
Calculated Load Value	Calculated Load Value	LOAD
Camshaft Position Actuator	Camshaft Position Actuator	CMP Actuator
Camshaft Position Sensor	Camshaft Position Sensor	CMP Sensor
Carbon Canister	Evaporative Emission Canister	EVAP Canister
Carbon Canister Solenoid		
Frequency Valve	Evaporative Emission Canister	EVAP Canister purge
	Purge Regulator Valve	Regulator Valve
Carbon Canister Solenoid Shutoff	Evaporative Emission Canister	EVAP Canister Purge
Valve	Purge Solenoid Valve	Solenoid Valve
Catalytic Converter	Three Way Catalytic Converter	TWC
Catalytic Converter Heater	Catalytic Converter Heater	Catalytic Converter
		Heater
Charge Air Cooler	Charge Air Cooler	CAC
CIS	Continuous Fuel Injection	CFI
CIS-E	Continuous Fuel Injection (Electronic)	Electronic CFI
CIS-E Motronic	Motronic Continuous Fuel	Motronic CFI
	Injection	
Closed Loop	Closed Loop	CL
Closed Throttle Position	Closed Throttle Position	CTP
Closed Throttle Position Switch	Closed Throttle Position Switch	CTP Switch
Clutch Pedal Position Switch	Clutch Pedal Position Switch	CPP Switch
CO Adjustment	CO Fuel Trim Adjustment	CO FT Adjustment
CO Potentiometer	CO Fuel Trim Potentiometer	CO FT Potentiometer
Coding Connector	Data Link Connector	DLC
Cold Start Valve	Cold Start Injector	—
Cold start enrichment	Early Fuel Evaporation	EFE
Constant Volume Sampler	Constant Volume Sampler	CVS
Continuous Injection System	Continuous Fuel Injection	CFI
Control Unit	Control Module	**
Coolant Fan Control Relay	Engine Coolant Fan Control Relay	FC Relay
Coolant Fan Thermostat	Engine Coolant Fan Control	Coolant FC Thermal
	Thermal Switch	Switch



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Old Term	New Term	Abbreviations
Coolant Temperature	Engine Coolant Temperature	ECT
Coolant Temperature Sensor	Engine Coolant Temperature Sensor	ECT Sensor
Coolant Temperature Switch	Engine Coolant Temperature Switch	ECT Switch
Crankcase Breather	Positive Crankcase Ventilation Valve	PCV Valve
Crankshaft Position Sensor	Crankshaft Position Sensor	CKP Sensor
Diagnostic Connector	Data Link Connector	DLC
Diagnostic Test Mode	Diagnostic Test Mode	DTM
Diagnostic Trouble Code	Diagnostic Trouble Code	DTC
Digifant System	Digifant Multiport Fuel Injection	Digifant MFI
Digimat Control Unit	Digimat Transmission Control Module	Digimat TCM
Digital Idle Stabilizer	Idle Speed Control	ISC
Distributor Ignition	Distributor Ignition	DI
Direct Injection	Direct Fuel Injection	DFI
Distributorless Ignition	Electronic Ignition	EI
Driving Range	Transmission Range	TR
Dynamic Pressure Control	Dynamic Pressure Control	Dynamic PC
DIS (Digital Idle Stabilization)	Idle Speed Control	ISC
ECU	Engine Control Module	ECM
EGR Temperature	Exhaust Gas Recirculation Temperature	EGRT
EGR Temperature Sensor	Exhaust Gas Recirculation Temperature Sensor	EGRT Sensor
EGR Vacuum Regulator Solenoid	EGR Vacuum Regulator Solenoid	EGR Regulator Solenoid
Electric Fuel Pump	Fuel Pump	FP
Electronic Ignition	Electronic Ignition	EI
Electronic Ignition System	Electronic Ignition System	EI System
Emission Control System (ECS)	Malfunction Indicator Lamp	MIL
Indicator Light	Engine Coolant Level	ECL
Engine Coolant Level	Engine Coolant	
Engine Coolant Temperature Sensor	Engine Coolant Temperature Sensor	ECT Sensor
Engine Control Unit	Engine Control Module	ECM
Engine Speed	Engine Speed	RPM
Engine Speed/Reference Sender	Engine Speed Sensor	RPM Sensor
Engine Temperature	Engine Coolant Temperature	ECT
Evaporative Emission	Evaporative Emission	EVAP
Evaporative Emission Canister	Evaporative Emission Canister	EVAP Canister
Exhaust Gas Recirculation	Exhaust Gas Recirculation	EGR
Exhaust Gas Recirculation Temperature Sensor	Exhaust Gas Recirculation Temperature Sensor	EGRT Sensor
Exhaust Gas Recirculation Valve	Exhaust Gas Recirculation Valve	EGR Valve
Exhaust Warning Lamp	Malfunction Indicator Lamp	MIL



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Old Term	New Term	Abbreviations
Fan Control Module	Fan Control Module	FC Module
Fan Control	Low Speed Fan Control Switch	Low Speed FC Switch
Fan Relay	Fan Control Relay	FC Relay
Fault Code	Diagnostic Trouble Code	DTC
Fault Memory	Diagnostic Trouble Code Memory	DTC Memory
Final Element Analysis	Output Diagnostic Test Mode	Output DTM
Firing Point Sensor	Crankshaft Position Sensor	CKP Sensor
Flame Ionization Dector	Flame Ionization Detector	FID
Flash Code	Diagnostic Trouble Code	DTC
Fourth Gear	Fourth Gear	4GR
Freeze Frame	Freeze Frame	FRZF
Front Wheel Drive	Front Wheel Drive	FWD
Fuel Injector	Fuel Injector	FI
Fuel metering	Fuel Trim	FT
Fuel Pressure	Fuel Pressure	—
Fuel Pump	Fuel Pump	FP
Fuel Pump Relay	Fuel Pump Relay	FP Relay
Fuel Trim Short Term	Short Term Fuel Trim	Short Term FT
Fuel Trim Long Term	Long Term Fuel Trim	Long Term FT
Fuel Level Sensor	Fuel Level Sensor	Fuel Level Sensor
Full Load	Wide Open Throttle	WOT
Full Throttle	Wide Open Throttle	WOT
Full Throttle Switch	Wide Open Throttle Switch	WOT Switch
G-Charger	Supercharger	SC
Governor Control Unit	Governor Control Module	GCM
Glow Plug	Glow Plug	Glow Plug
Ground	Ground	GND
Hall Control Unit	Ignition Control Module	ICM
Hall Generator	Camshaft Position Sensor	CMP Sensor
Hall Generator control Unit	Ignition Control Module	ICM
Hall Sensor (G 40)	Camshaft Position Sensor	CMP Sensor
Hall Sensor Ignition	Distributor Ignition	DI
Hall Speed Sensor, speedometer	Speedometer Vehicle Speed Sensor	Speedometer VSS
Heated Oxygen Sensor	Heated Oxygen Sensor	HO2S
Heated O2 Sensor	Heated Oxygen Sensor	HO2S
Hot Wire	Mass Air Flow Sensor	MAF Sensor



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Old Term	New Term	Abbreviations
Idle Air Stabilization Valve	Idle Air Control Valve	IAC Valve
Idle Position	Closed Throttle Position	CTP
Idle Stabilization System	Idle Air Control	IAC
Idle Stabilizer Valve	Idle Air Control Valve	IAC Valve
Idling Speed Control	Idle Speed Control	ISC
Idle Switch	Closed Throttle Position Switch	CTP Switch
Ignition Cable/Connector	Spark Plug Wire	Spark Plug Wire
Ignition Control Unit	Ignition Control Module	ICM
Ignition Reference Sensor	Crankshaft Position Sensor	CKP Sensor
Ignition Timing Sensor	Crankshaft Position Sensor	CKP Sensor
Inspection and Maintenance	Inspection and Maintenance	I/M
Intake Air Temperature	Intake Air Temperature	IAT
Intake Air Temperature Sensor	Intake Air Temperature Sensor	IAT Sensor
Intake Manifold Pressure Sensor	Manifold Absolute Pressure Sensor	MAP Sensor
Intake Manifold Differential Pressure	Manifold Differential Pressure	MDP
Intake Manifold Surface Temperature	Manifold Surface Temperature	MST
Intake Manifold Change-over	Intake Manifold Tuning Valve	IMT Valve
Intake Manifold Vacuum Range	Manifold Vacuum Zone	MVZ
Intercooler	Charge Air Cooler	CAC
Knock Sensor	Knock Sensor	KS
Knock Sensor Control Unit	Ignition Control Module	ICM
LED Indicator	Malfunction Indicator Lamp	MIL
Long Term Fuel Trim	Long Term Fuel Trim	Long Term FT
Manifold Differential Pressure	Manifold Differential Pressure	MDP
Manifold Pressure Sensor	Manifold Absolute Pressure Sensor	MAP Sensor
Manifold Pressure	Manifold Absolute Pressure	MAP
Mass Air Flow Sensor	Mass Air Flow Sensor	MAF Sensor
Mass Air Flow	Mass Air Flow	MAF
Mixture Control Unit	Volume Air Flow Sensor	VAF Sensor
Mixture Control	Mixture Control	MC
Mono-Motronic	Throttle Body Fuel Injection	TBI
Motronic System	Motronic Multiport Fuel Injection	Motronic MFI
MPI Fuel Injection System	MPI Multiport Fuel Injection	MPI MFI
Multifunction Indicator Lamp	Multifunction Indicator Lamp	MIL
Multi-fuel (Vehicles)	Flexible Fuel	FF
Multi-point Fuel Injection	Multi-port Fuel Injection	MFI



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Old Term

Neutral Safety Switch
NTC (Negative Temperature Coefficient) Sensor

Non Volatile Random Access Memory

OBD Lamp
Open Loop
Oil Pressure
Oil Pressure Sensor
Oil Pressure Switch
Oil Temperature

On Board Diagnostic

Oxidation Catalyst

O2 Sensor
Oxygen Sensor
Output Check Diagnosis

Overrun Cut-off

PCV Valve
PCV

Pulse Width Modulation

Pressure Damper
Pressure Relief Valve
PRNDL
Purge Regulator Valve
Radiator Cooling Fan
Radiator Cooling

Random Access Memory

Radiator Fan Run-On

Read Only Memory

Rear Wheel Drive
Reference Sensor

Road Speed Sensor

New Term

Park/Neutral Position Switch
Engine Coolant Temperature Sensor

Non Volatile Random Access Memory

Malfunction Indicator Lamp
Open Loop
Engine Oil Pressure
Engine Oil Pressure Sensor
Engine Oil Pressure Switch
Engine Oil Temperature

On Board Diagnostic

Oxidation Catalytic Converter

Oxygen Sensor
Oxygen Sensor
Output Diagnostic Test Mode

Fuel Shutoff (not in J19030)

Positive Crank Case Ventilation
Positive Crankcase Ventilation

Pulse Width Modulation

Fuel Pressure Regulator
Evaporative Pressure Relief Valve
Transmission Range
Purge Regulator Valve
Coolant Fan
Engine Coolant Fan Control

Random Access Memory

After Run Coolant Fan

Read Only Memory

Rear Wheel Drive
Crankshaft Position Sensor

Vehicle Speed Sensor

Abbreviations

PNP Switch
ECT Sensor

NVRAM

MIL
OL
EOP
EOP Sensor
EOP Switch

EOT

OBD

OC

O2S
O2S
Output DTM

PCV Valve

PCV

PWM

—

EVAP PR Valve

TR

—

—

FC

RAM

After-Run Coolant Fan

ROM

RWD

CKP Sensor

VSS



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Old Term	New Term	Abbreviations
Secondary Air	Secondary Air Injection	AIR
Secondary Air Injection Bypass	Secondary Air Injection Bypass	AIR Bypass
Secondary Air Injection Bypass Valve	Secondary Air Injection Bypass Valve	AIR Bypass Valve
Secondary Air Injection Solenoid Valve	Secondary Air Injection Control Valve	AIR Control Valve
Secondary Air Injection Diverter	Secondary Air Injection Diverter	AIR Diverter
Scan Tool	Scan Tool	ST
Sequential Multipoint Fuel Injection	Sequential Multiport Fuel Injection	SFI
Self-Diagnosis	On Board Diagnostic	OBD
Service Reminder Light	Service Reminder Indicator	SRI
Spark Plug	Spark Plug	Spark Plug
Speed Sender or Sensor	Vehicle Speed Sensor	VSS
System Readiness Test	System Readiness Test	SRT
Temperature Regulator	Thermal Vacuum Valve	TVV
Temperature Sensor	Engine Coolant Temperature Sensor	ECT Sensor
Thermo-Time Switch	Engine Coolant Temperature Switch	ECT Switch
Thermo-Vacuum Switch	Thermal Vacuum Valve	TVV
Third Gear	Third Gear	3GR
Three-Way Catalyst	Three Way Catalytic Converter	TWC
Throttle Potentiometer	Throttle Position Sensor	TP Sensor
Throttle Switches	Throttle Position Switches	TP Switches
Throttle Valve	Throttle Acuator Control	TAC
Throttle Actuator Control Module	Throttle Acuator Control Module	TAC Module
Throttle Valve Housing	Throttle Body	TB
	Throttle Body Fuel Injection	TBI
Throttle Valve Potentiometer	Throttle Position Sensor	TP Sensor
Torque Converter Clutch	Torque Converter Clutch	TCC
Transmission Control Unit	Transmission Control Module	TCM
Transmission Fluid Pressure	Transmission Fluid Pressure	TFP
Transmission Fluid Temperature	Transmission Fluid Temperature	TFT
Turbocharger	Turbocharger	TC
Turbocharger Wastegate	Turbocharger Wastegate	TC Wastegate
Turbocharger Wastegate Regulating Valve	Turbocharger Wastegate Regulating Valve	TC Wastegate Regulating Valve
4th Gear	Fourth Gear	4GR



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Vacuum Booster	EGR Vacuum Amplifier	—
VAG 1551 Diagnostic Tester	VAG 1551 Scan Tool	VAG 1551 ST
VAG 1552	VAG 1552 Scan Tool	VAG 1552 ST
Vehicle Identification Number	Vehicle Identification Number	VIN
Voltage Regulator	Voltage Regulator	VR
Volume Air Flow	Volume Air Flow	VAF
Volume Air Flow Sensor	Volume Air Flow Sensor	VAF Sensor
Warning Light	Malfunction Indicator Lamp	MIL
Wide Open Throttle	Wide Open Throttle	WOT
Wide Open Throttle Switch	Wide Open Throttle Switch	WOT Switch
3rd Gear	Third Gear	3GR