

North Montco Technical Career Center

Auto Technology Vocabulary

A	Ammeter	Battery Acid
Abrasion	Ampere	Battery
Accelerator Pump	Amplifier	BDC
Accumulator	Anaerobic Sealer	Bead
Acidity	Analog	Bearing
Ackerman Principle	Anti-Freeze	Bearing Clearance
Actuator	Anti-Lock Brakes	Bearing Race
Additive	Apply Side	Belt
Advance	Arcing	Bias-Ply Tire
Aeration	Armature	Bleeding
Aerobic Gasket Material	Aspect Ratio	Blow-By
Air Filter	Asymmetric	Bolt Diameter
Air Flow Sensor	Atmospheric Pressure	Bolt Head
Air Pollution	Atom	Boost Pressure
Air Spring	Atomization	Boot
Air Cleaner	Automatic Transmission Fluid	Bottom Dead Center (BDC)
Air Gap	Automatic Transmission	Bracket
Air Bleed	Automatic Choke	Brake Lining
Air Brakes	Automatic Level Control	Brake Lines
Air Pump	Axial	Brake Lights
Air Duct	Axle	Brake Band
Air-Aspired System	Axle Ratio	Brake Horsepower
Air-Fuel Mixture		Brake Fluid
Air-Injection System	B	Brake Drum
Alignment	Back Pressure	Brake
All Wheel Drive	Backlash	Brush
Alloy	Balance shaft	BTDC
Alternating Current (AC)	Ball Joint Inclination	Bushing
Alternator	Ball Joint	
Ambient Temperature	Ballast Resistor	

C

Cables
Caliper
Cam
Camber
Camshaft
Canister
Capacitor
Carbon Monoxide (CO)
Carbon Dioxide (CO₂)
Carbon (C)
Carbonize
Carburetor
Caster
Caster
Catalytic Converter
Center Link
Centrifugal Advance
Centrifugal Force
Cetane Number
Chamber
Chamfer
Charcoal
Charging Rate
Chassis
Check Valve
Check Valve
Chip
Choke
Circuit
Circuit Breaker
Clearance

Closed Loop
Clutch
Clutch Solenoid
Clutch Shaft
Clutch Disc
Clutch Fork
Clutch release Bearing
Coefficient of Friction
Coil
Combination Valve
Combination
Combustion
Compression Ratio
Compression Stroke
Compression
Commutator
Compound
Compressor
Computer Command Control
(CCC)
Condensation
Condenser
Conductor
Connecting Rod
Constant Velocity Joint
Contact Points
Contaminants
Control System
Control Arm
Coolant
Cooling System
Cords Core

Coupling Joint
Counter Shaft
Countersink
Crank Throw
Crank Web
Crankcase Ventilation
Crankcase
Crankcase Emissions
Crankshaft Gear
Crankshaft
Cross-Fire Injection
Curb Idle
Cycle
Cycling Clutch Orifice Tube
Cylinder Sleeve Castellated Nut
Cylinder Block
Cylinder
Cylinder Head

D

Dampen
Dashpot
Dead center
Deflection Angle
Defroster
Density Dilution
Desiccant
Detent
Detergent
Detonation
Diagonal -Brake System

Dial Indicator
Diaphragm
Diesel
Diesel Cycle
Diesel Engine
Diesel Fuel
Differential
Dimmer Switch
Diode
Dipstick
Direct Drive
Directional Signals
Direct Current (DC)
DIS Distributorless Ignition
Disc Brake
Discharge
Dispersant
Displacement
Distributor
Distributorless Ignition
Diverter Valve
Dowel
Driveability
Drive Shaft
Drive Member
Drive Line
Driveability
Driven Disk
Driven Pinion
Drum Brake
Dry-Charge battery
Dual-Bed Cat. Converter

Duty Cycle
Dwell
Dwell Time
Dynamic Balance
E
Eccentric
Efficiency
Electric Current
Electric System
Electrode
Electrolyte
Electromagnet
Electromagnet Induction
Electron
Electronic Control Module (ECM)
Electronic Control Unit (ECU)
Emitter
Emulsion
End Play Clearance
Energy
Engine Efficiency
Engine Mounts
Engine Control System
Evacuate
Evaporate Control System
Evaporate
Evaporator
Excessive Wear
Exhaust Gas Analyzer
Exhaust Emissions
Exhaust Gas Recirculation (EGR)
Exhaust Stroke

Exhaust Manifold
Exhaust pipe
Exhaust System
Expansion Valve
Expansion Tank
Expansion Plug
F
Fan
Fan Belt
Fatigue
Feedback carburetor
Freon
Ferrous Metal
Field Coil
Field Coil
Filter Separator
Filter
Final Drive
Firing Order
Fixed Caliper
Flange
Flare
Flasher
Flex Plate
Float Level
Floating Caliper
Flooding
Fluid
Fluid Coupling
Flush
Flutter
Flywheel Ring Gear

Flywheel
Foot Pound
Force
Forge
Four Wheel Drive
Four Stroke Cycle
Frame
Free Play
Free Travel
Free Wheel
Friction Disc
Friction
Front Wheel drive
Front end Geometry
Fuel Filter
Fuel Line
Fuel Injection System
Fuel Pump
Fuel System
Fulcrum
Fuse Block
Fuse
Fusible Link

G

Gap
Gas
Gasket
Gasohol
Gasoline
Gear Pump
Gear Pitch
Gear Ratio

Gear Shift
Gear Lubricant
Generator
Glaze
Glow Plug
Governor Pressure
Governor
Grease
Ground

H

Hair Spring
Halogen Headlamp
Hard Spot
Harmonics
Heat Sink
Heat Control Valve
Heat of Compression
Heat Dam
Heater Core
Helical Gear
High Tension
Hone
High Energy Ignition
Horn Relay
Horse Power
Hub
Hydraulic Lifter
Hydraulic Brakes
Hydraulic Brake Booster
Hydrocarbon (HC)
Hydrogen (H)
Hypoid Gears

Idel Solenoid
Idle Mixture
Idle Speed
Idler Arm
Ignitability
Ignition System
Ignition Switch
Ignition resistor
Ignition Module
Ignition Distributor
Ignition Coil
Ignition
Ignition Timing
In-Line Steering Gear
Included Angle
Induction
Inertia
Inertia Switch
Infrared Analyzer
Insert Bearing
Installed Spring Height
Installed Stem Height
Insulated Circuit
Insulation
Intake Stroke
Intake Manifold
Integral
Integrated Circuit
Intercooler

J

Jam Nut

Jet

Jig

Journal

Jump Start

K

Kick Down

Kinetic Balance

Kinetic Energy

Knock

Knock Sensor

Knuckle

Knurling

L

Lamination

Land

Lapping

Lash

Lead (pronounced "lead")

Lead (pronounced "led")

Leak Detector

Leakdown

Light

Light Emitting Diode (LED)

Linkage

Limited-Slip Differential

Line Bore

Line Contact

Liner

Liquid Crystal Diode (LCD)

Live Axle

Load

Locking Hub

Locking Torque Convertor

Lock Washer

Lockup

Lubricating System

Lubrication

M

Magnetism

Magnetic

Magnetic clutch

Magnetic Field

Magnetic Line of Force

Magnetic Switch

Main Journal

Main Bearings

Main Jet

Mainline Pressure

Manifold Absolute Pressure

Manifold

Manifold Gauge Set

Manifold Absolute Pressure Sensor

Manual Valve

Margin

Mass Air Flow Sensor

Master Cylinder

McPherson Strut

Memory

Mercury Switch

Mesh

Meshing

Methanol

Meter

Metering Rod

Microprocessor

Misfiring

Missing

Modulator

Molecule

Monolith

Motor

Muffler

Multimeter (DVOM)

Multiple Point Injection

Multiple Disc Clutch

Multiple Viscosity Oil

Mutual Induction

Mutual Induction

N

Needle Valve

Negative Terminal

Negative

Neutral Start Switch

Neutral

Nitrogen Oxides (NOX)

Nitrogen (N)

Nonhunting Gearset

North Pole

Normal Wear

Normally Aspirated

Nozzle

Octane rating

Offset

Ohm

Oil Cooler

Oil Filter

Oil Level

Oil Pan

Oil Pressure Switch

Oil Pressure Indicator

Oil Pump

Oil

Oil Clearance

Open Circuit

Open Loop

Orifice

O-Ring

Oscilloscope

Out-Of-Round

Output Shaft

Overbore

Overdrive

Overhead Camshaft Engine

Overhead Valve Engine

Overrunning Clutch

Oxidation

Oxygen

Oxygen Sensor (O2)

P

Parallel Circuit

O

Parking Brake

Particle

Passage

Pawl

Peen

Periphery

Petroleum

Phase

Photochemical Smog

Pick-Up Coil

Pilot Journal

Pilot Bearing

Ping

Pinion Gear

Pintal

Piston

Piston Engine

Piston Ring

Piston Ring

Pitch

Pitman Arm

Pitting

Planet Pinions

Planet Carrier

Planetary Gear set

Plastigage

Plate

Play

Plies

Polarity

Pollutant

Poppet Valve

Porosity

Port Fuel Injection

Port

Ported Vacuum Switch

Positive Terminal

Positive Displacement Valve

Positive Crankcase Ventilation

Post

Potential Energy

Power Stroke

Power Door Locks

Power Windows

Power

Power Steering

Power Brakes

Pre-Combustion chamber

Pre-Ignition

Preignition

Preload

Pressure

Pressure Cap

Pressure Plate

Pressure Regulator

Pressure Relief Valve

Pressurize

Prevailing Torque Fasteners

Primary circuit

Primary Windings

Primary	Reluctor	Sector
Printed Circuit	Reserve Capacity	Segments
Program	Residual Line Pressure	Self-Adjuster
Propane Enrichment	Residue	Self-Diagnostic System
Proportioning Valve	Resistance	Self-Induction
Pulley	Resonator	Semi-Conductor
Pulse Width	Retard Return Springs	Sensor
Push Rod	Ring Land	Series Circuit
Purge	Ring Gear	Serpentine Belt
Purge Valve	Road Draft Tube	Service Brake
R	Rocker Arm	Servo
Race	Roller Tappet	Shackle
Rack and Pinion Steering	Rotary Flow	Shift Rails
Radial Tire	Rotary Engine	Shift Fork
Radiator	Rotor Pump	Shift Valve
Random Access Memory (ROM)	Rotor	Shim
Ratio	RTV Sealant	Shimmy
Readout	Run-On	Shock Absorber
Reaming	Runner	Shoe
Rear-End torque	Runout	Short & Long Arm Suspension
Rebound	S	Short Circuit
Receiver Dehydrator	Saturation	Shroud
Rectify	Sway Arm	Shudder
Reciprocating	Scan Tool	Shunt
Recirculation Ball & Nut Steering	Schrader Valve	Side Clearance
Rectifier	Score	Sight Glass
Reference Voltage	Screens	Silicone Rubber
Refrigerant	Scuffing	Single-Point Injection
Refrigeration	Seal	Sleeving
Regulator	Sealed Beam	Slip
Relay	Seat	Slip Joint
Relief Valve	Secondary Circuit	Slip Rings

Smog	Steering Axis Inclination	Thermostic Cycling Switch
Solenoid	Starter Motor	Thermostic Vacuum Switch
Solenoid Switch	Stoichiometric	Thermostic Gauge
Solenoid Relay	Stress	Thread Pitch
Solvent	Stroke	Three-Way Catalytic Converter
South Pole	Strut	Throttle Body Injection
Spark Plug Heat Range	Substrate	Throttle Pressure
Spark Advance	Suction	Throttle Valve
Spark Ignition Engine	Suction Pressure	Throw
Specific Gravity	Sulfation	Throwout Bearing
Speed Ratio	Sulfur Oxides (SOX)	Thrust Line
Splice	Sulfuric Acid	Thrust Load
Splines	Supercharger	Thrust bearing
Spool Valve	Surging	Timing
Sprag	Suspension	Tire
Sprag Clutch	Suspension Arm	Tire-Wear Angle
Spring	Swirl Combustion	Toe-In
Stabilizer	Switch	Toe-Out
Stall	Synchronizer	Tolerance
Stall Speed	Synthetic Oil	Top Dead center (TDC)
Starter Motor Drive		Torque
Static Friction	T	Torque Converter
Static Balance	Tang	Torsion Arms
Static Balance	Tap	Torsion Vibration
Stator	Taper	Torsion-Bar Springs
Steering Gear	Temperature Indicator	Tracking
Steering Axis	Tension	Tracking
Steering Arm	Thermal Efficiency	Transaxle
Steering Kickback	Thermal	Transfer Case
Steering Ratio	Thermistor	Transistor
Steering Shaft	Thermometer	Transmission
Steering System	Thermostat	Tread

Tune-Up

Turbocharger

Turning Radius

U

Union

Universal Joint

V

Vacuum

Vacuum Advance

Vacuum Modulator

Vacuum Motor

Vacuum Pump

Vacuum Switch

Valve

Valve Body

Valve Clearance

Valve Float

Valve Seat

Valve Guide

Valve Seal

Valve Face

Valve Stem Valve Spring

Valve Keepers

Valve Lifter

Valve Margin

Valve Train

Valve Timing

Valve Tappet

Valve Rotator

Valve Overlap

Vane

Vapor Lock

Vapor Liquid Separator

Vapor Return Line

Vapor Recovery System

Vaporization

Variable Speed Fan

Variable Venturi Carburetor

Vent

Ventilation

Venturi

Venturi Vacuum

Vibration

Vibration Dampener

Viscosity

Voice Alert System

Volatility

Volt

Voltage

Voltage Regulator

Voltage drop

Voltmeter

Volumetric Efficiency

Vortex Flow

W

Waddle

Wankel Engine

Washer Pump

Wastegate

Water Pump

Water Jacket

Wear Sensor

Wheel Alignment

Wheel Balance

Wheel Cylinders

Wheel Tram

Wheel (Hub) Bearing

Wheel

Wheel Runout

Window Regulator