

# MITCHELL'S ABBREVIATIONS

## Abbreviations Most Often Used

**NOTE:** The following list of abbreviations, used in Mitchell's Emission Control Service & Repair Manuals during the past 10 years, is provided for your assistance. In addition to their use in Mitchell's Emission Control Applications Tables and Wiring Diagrams, you may also find some of them used in articles dealing with Tune-Up, CEC, Emission, Fuel Systems, Electrical, Air Conditioning, Body Repair and other such subjects.

**CAUTION:** As some abbreviations may have more than one application and some applications may have more than one abbreviation over the years, exercise caution that the definition provided here is logical for your vehicle's situation. For example, reason would help you determine whether "Alt." stands for Alternator, Altitude or for neither (an unlisted) definition.

### A

**A** - Amperes  
**AAC** - Auxiliary Air Control  
**AAP** - Auxiliary Acceleration Pump  
**AAS** - Aspirator Air System  
**AAS** - Auto Adjust Suspension  
**AAV** - Anti-Afterburn Valve  
**AB** - Air Bleed  
**ABAV** - Air Bleed Actuator Valve  
**ABDC** - After Bottom Dead Center  
**ABS** - Acrylonitrile Butadien Styrene Resin (Type of Plastic Used in Cars)  
**ABS** - Altitude Barometric Switch  
**ABS** - Anti-Lock Brake System  
**Abs.** - Absolute  
**ABV** - Air By-Pass Valve  
**AC** - Alternating Current  
**AC** - Altitude Compensator  
**ACCWM** - Air Cleaner Cold Weather Modulator  
**A/C** - Air Conditioner  
**A/C** - Air Conditioning  
**A/C Cltch.** - A/C Clutch  
**Accel.** - Accelerator  
**Accum.** - Accumulator  
**Accy.** - Accessory  
**Ack.** - Acknowledge  
**ACD** - Auxiliary Control Device  
**ACDV** - Air Cleaner Diverter Valve  
**ACKV** - Air Check Valve  
**A/CL** - Air Cleaner  
**A/CL-BM** - Air Cleaner Bimetal Sensor  
**A/CL-BMS** - Air Cleaner Bimetal Sensor  
**A/CL-CWM** - Air Cleaner Cold Weather Modulator  
**A/CL-DV** - Air Cleaner Duct Valve Vacuum Motor  
**A/CL-TSOV** - Air Cleaner Temperature Sensor Override Valve  
**A/CL-VCD** - Air Cleaner Vacuum Control Delay  
**A/CL-VCV** - Air Cleaner Vacuum Control Valve  
**A/CL-VM** - Air Cleaner Vacuum Motor  
**ACT** - Air Charge Temperature  
**Actu.** - Actuator  
**Actv.** - Active  
**ACV** - Air Control Valve  
**Adj.** - Adjust or Adjustable  
**ADL** - Automatic Door Lock  
**ADS** - Anti-Dieseling Solenoid  
**Adv.** - Advance  
**AFC** - Airflow Controlled Fuel Injection  
**AGE** - Air Guard  
**AI** - Air Injection  
**AICV** - Air Injection Check Valve  
**AID** - Air Injection Dual  
**A.I.R. or AIR** - Air Injection Reactor

**AIR-BPV** - AIR By-Pass Valve  
**AIR-ChV** - AIR Check Valve  
**AIR-DVLV** - AIR Diverter Valve  
**AIR-IVV** - AIR Idle Vacuum Valve  
**AIR. Sel.** - AIR Selector  
**AIS** - Air Injection System  
**AIS** - Air Injection Single  
**AIV** - Air Injection Valve  
**AIVV** - Air Idle Vacuum Valve  
**ALCL** - Assembly Line Communication Link  
**ALDL** - Assembly Line Data (Diagnostic) Link  
**Alm.** - Alarm  
**Alt.** - Alternator  
**Alt. or Alti.** - High Altitude Emissions  
**Amb.** - Ambient  
**AMC** - American Motors Corporation  
**AMgV** - Air Management Valve  
**Amm.** - Ammeter  
**Amp** - Ampere  
**Amp.** - Amplifier  
**Ant.** - Antenna  
**ANTBV or ANTI-BFV** - Anti-Backfire Valve  
**Anti-Dsl.** - Anti-Diesel  
**APCV** - Air Pump Control Valve  
**APDV** - Air Pump Diverter Valve  
**APD-VLV** - Air Pump Diverter Valve  
**APREVLV** - Air Pump Relief Valve  
**AS** - Airflow Sensor  
**AS** - Air Suction  
**ASCPS** - Air Switch Canister Purge Solenoid  
**ASCPT** - Air Switch Canister Purge Timer  
**ASDV** - Air Switching Diverter Valve  
**ASRV** - Air Switching Relief Valve  
**ASS** - Air Switching Solenoid  
**Assy.** - Assembly  
**ASV** - Air Switching Valve  
**ASVS** - Air Switching Vacuum Solenoid  
**A/T** - Automatic Transaxle or Transmission  
**ATC** - Automatic Temperature Control  
**ATDC** - After Top Dead Center  
**ATF** - Automatic Transmission Fluid  
**ATS** - Air Temperature Sensor  
**Auto.** - Automatic  
**Auto. Trans.** - Automatic Transaxle or Transmission  
**Aux.** - Auxiliary  
**Avg.** - Average  
**AWD** - Air Warning Device  
**AXOD** - Automatic Overdrive Transaxle

### B

**Bap. Sens.** - Barometric Absolute Pressure Sensor  
**Baro.** - Barometric  
**Batt.** - Battery  
**BBDC** - Before Bottom Dead Center  
**Bbl.** - Barrel

**BCDD** - Boost Controlled Deceleration Device  
**BCM** - Body Control Module  
**BHP** - Brake Horsepower  
**Bi. Met.** - BiMetallic Air Temperature Control Sensor  
**Bk.** - Back  
**Bk. Rest** - Back Rest  
**Blst.** - Ballast  
**Blwr.** - Blower  
**BMAP or BMAPS** - Barometric and Manifold Absolute Pressure Sensor  
**B/P** - EGR Back Pressure Transducer  
**BPEGR** - Back Pressure EGR  
**BPS** - Exhaust Back Pressure Sensor  
**BPS** - Barometric Pressure Sensor  
**BPT** - Back Pressure Transducer  
**PBV** - By-Pass Valve  
**Brkr.** - Breaker  
**BS** - Barometric Switch  
**BS** - Bimetal Sensor  
**BTDC** - Before Top Dead Center  
**Bulkhd.** - Bulkhead  
**BTU** - British Thermal Units  
**B/U or B-U** - Back-Up  
**Buz.** - Buzzer  
**BV** - Bowl Vent Port  
**BVT** - Backpressure Variable Transducer

### C

**C or C°** - Celcius  
**C<sup>1</sup>** - Computer Controlled Coil Ignition  
**C4** - Computer Controlled Catalytic Converter  
**CAC or CACV** - Combined Air Control Valve  
**Calib.** - Calibration  
**Calif.** - California  
**Can.** - Canada  
**Can.** - Canister  
**Cancel.** - Cancel  
**CanCV** - Canister Control Valve  
**Can. Prg.** - Canister Purge  
**Cap.** - Capacitor or Capacity  
**Carb.** - Carburetor  
**CARB** - California Air Resources Board  
**CAT or Cat.** - Catalytic Converter  
**CATV** - Cold Temperature Activated Vacuum  
**CB** - Circuit Breaker  
**CB** - Choke Breaker  
**CBS** - Coasting By-Pass System  
**CC** - Cruise Control  
**cc** - Cubic Centimeters  
**CCC** - Computer Command Control  
**CCS** - Controlled Combustion System

# MITCHELL'S ABBREVIATIONS

## Abbreviations Most Often Used (Cont.)

**CEAB** - Cold Engine Air Bleed  
**CC EGR** - Coolant Controlled EGR  
**CCEV or CCEVS** - Coolant Control Engine Vacuum Switch  
**CCEVV** - Coolant Control Engine Vacuum Valve  
**CCIV** - Coolant Control Idle Enrichment Valve  
**CCOT** - Cycling Clutch Orifice Tube  
**CCP** - Controlled Canister Purge  
**CCS** - Controlled Combustion System  
**CCW** - Counterclockwise  
**CD-REGVLV** - Crankcase Depression Regulator Valve  
**CEAB** - Cold Engine Air Bleed  
**CEC** - Combined Emission Control (Valve)  
**CEC** - Computerized Emission Control  
**CEC** - Computerized Engine Control  
**Cent.** - Center  
**CESS** - Cold Engine Sensor Switch  
**CFI** - Central Fuel Injection  
**CFI** - Cross Fire Injection  
**Chk.** - Check  
**Chk. Eng.** - Check Engine  
**Chng.** - Change  
**Chrg.** - Charge or Charging  
**ChVLV** - Check Valve  
**CI** - Cubic Inches  
**CID** - Cubic Inch Displacement  
**Cig.** - Cigarette  
**Cig. Ltr.** - Cigarette Lighter  
**Circ.** - Circuit  
**Circ. Brkr.** - Circuit Breaker  
**CIS** - Continuous Injection System  
**CIS-E** - CIS-Electronic  
**CkDL-VLV** - Check Delay Valve  
**Ckt.** - Circuit  
**Ck-VLV** - Check Valve  
**CL** - Closed Loop  
**CLCC** - Closed Loop Carburetor Control  
**Clch.** - Clutch  
**CLEC** - Closed Loop Emission Control  
**Clk.** - Clock  
**Clmn.** - Column  
**Clmt.** - Climate  
**Clrnc.** - Clearance  
**Clstr.** - Cluster  
**CMH** - Cold Mixture Heater  
**Cmpnstr.** - Compensator  
**Cmptr.** - Computer  
**Cncld.** - Concealed  
**Cntr.** - Central or Center  
**Cnvnc.** - Convenience  
**CO** - Carbon Monoxide  
**CO** - Choke Opener  
**CO<sub>2</sub>** - Carbon Dioxide  
**COC** - Conventional Oxidation Catalyst  
**Colng.** - Cooling  
**Colnt.** - Coolant  
**Comb.** - Combination  
**Comp.** - Compressor  
**Compens** - Compensation  
**Compt.** - Compartment  
**Cond.** - Condenser  
**Conn.** - Connector or Connection  
**Cont.** - Continued or Control  
**Conv.** - Convertible or Converter  
**Count.** - Counter  
**CoV** - Control Valve  
**CP** - Canister Purge  
**CPCV** - Canister Purge Control Valve  
**CPS** - Canister Purge Solenoid  
**CPS** - Central Power Supply

**CP-TVS** - Canister Purge TVS  
**CPU** - Central Processing Unit  
**CPV** - Canister Purge Valve  
**CPVVV** - Choke Pulldown Vacuum Vent Valve  
**CRS** - Choke Return System  
**Cmnr.** - Corner  
**Cmrrng.** - Cornering  
**CRT** - Cathode Ray Tube  
**CRTC** - Cathode Ray Tube Controller  
**CRV** - Coasting Richer Valve  
**CSCS** - Cold Start Control Solenoid  
**CSSA** - Cold Start Spark Advance  
**CT** - Cold Temperature  
**CTAV** - Cold Temperature Actuated Vacuum or Ignition Advance  
**CTO** - Coolant Temperature Override  
**Ctrl.** - Control  
**Ctrlid.** - Controlled  
**Ctrlr.** - Controller  
**CTS or CTSW** - Coolant Temperature Switch  
**CTSWH** - Closed Throttle Switch  
**Ctsy.** - Courtesy  
**CTTS** - Coolant Temperature Thermo Switch  
**CTVS** - Choke Thermal Vacuum Switch  
**Cu. In.** - Cubic Inches  
**CV** - Check Valve  
**CW** - Constant Velocity  
**CVSCC** - Coolant Vacuum Switch Cold Closed  
**CVSCO** - Coolant Vacuum Switch Cold Open  
**CVS3P** - Cold Vacuum Spark, 3-Port  
**CW** - Clockwise  
**Cyl.** - Cylinder

### D

**"D"** - Drive  
**Damp.** - Damper  
**DAS** - Distributor Advance Solenoid  
**DBC** - Dual Bed Catalytic  
**DC** - Direct Current  
**DC** - Digijet Control  
**DCLV or DC-VLV** - Deceleration Valve  
**DCM/C-VLV** - Deceleration Mixture Control Valve  
**DCP-TVS** - Distributor & Canister Purge TVS  
**DCS** - Deceleration Control System  
**DCTO** - Dual Coolant Temperature Override  
**DD** - Dual Distributors  
**DDD** - Dual Diaphragm Distributor  
**DDV** - Distributor Decel Valve  
**DEC** - Digital Engine Control  
**Decel.** - Deceleration  
**Def.** - Defroster  
**Defog.** - Defogger  
**Deg.** - Degree  
**De-ice.** - De-Icer  
**Del.** - Delay  
**Desig.** - Designation  
**Detec.** - Detector  
**Deton.** - Detonation  
**Detrnt.** - Deterrent  
**DFI** - Digital Fuel Injection  
**Dft.** - Defeat  
**DI** - Deceleration Idle  
**Diag.** - Diagnostic  
**DIDV** - Dual Ignition Delay Valve  
**Diff.** - Differential

**Dig.** - Digital  
**Dim.** - Dimmer  
**Dir.** - Direction or Directional  
**Disp.** - Display  
**Dist.** - Distribution  
**Distr.** - Distributor  
**Dlx.** - Deluxe  
**Dly.** - Delay  
**DME** - Digital Motor Electronics  
**DMS** - Dual Manifold System  
**Dn.** - Down  
**Dnshft.** - Downshift  
**DP** - Dashpot  
**DPD** - Dual Point Distributor  
**Dr.** - Door  
**Drop.** - Dropping  
**DRS** - Distributor Retard Solenoid  
**Drvr.** - Driver  
**DS** - Detonation Sensor  
**DS** - Distributor Spark  
**Dsl.** - Diesel  
**Dstnc.** - Distance  
**DTM** - Decel Throttle Modulator  
**DTVS** - Distributor Thermal Vacuum Switch  
**DV** - Decel Valve  
**DV** - Delay Valve  
**DV** - Diverter Valve  
**DVAS** - Distributor Vacuum Advance Solenoid  
**DVCS** - Distributor Vacuum Control Switch  
**DVCV** - Differential Vacuum Control Valve  
**DVD** - Differential Delay Valve  
**DVDSV** - Differential Vacuum Delay Separator Valve  
**DVDV** - Distributor Vacuum Delay Valve  
**DVRV** - Distributor Vacuum Regulating Valve  
**DVTR-VLV** - Diverter Valve  
**DVTW** - Delay Valve Two-Way  
**DVVV** - Distributor Vacuum Vent Valve

### E

**EAC** - Electronic Air Control  
**EAC** - Electric Assist Choke  
**EAVS** - Electrically Actuated Vacuum Switch  
**EBCV** - Electric Air Bleed Control Valve  
**EC** - Electric Choke  
**ECA** - Electronic Control Assembly  
**ECC** - Electronic Chassis Control  
**ECC** - Electronic Climate Control  
**ECC** - Electronic Computer Control  
**ECC** - Electronic Controlled Carburetor  
**ECCS** - Electronic Concentrated Control System  
**ECI** - Electronic Controlled Ignition  
**ECI** - Electronic Controlled Injection  
**ECM** - Electronic Control Module  
**Econ.** - Economy  
**ECRV** - Emission Control Regulator Valve  
**ECS** - Electronic Control Suspension  
**ECS** - Emission Control System  
**ECT** - Electronic Control Transmission  
**ECT** - Engine Coolant Temperature  
**ECU** - Electronic Control Unit

# MITCHELL'S ABBREVIATIONS

## Abbreviations Most Often Used (Cont.)

**EDM** - Electronic Distributor Modulator  
**EEC** - Electronic Engine Control  
**EEC** - Evaporative Emission Control  
**EFC** - Electronic Fuel Control  
**EFE** - Early Fuel Evaporator  
**EFI** - Electronic Fuel Injection  
**EGO** - Exhaust Gas Oxygen  
**EGO Sens. Gnd.** - EGO Sensor Ground  
**EGR** - Exhaust Gas Recirculation  
**EGR-BldSOL** - EGR Bleed Solenoid  
**EGRC or EGRCs** - EGR Control Solenoid  
**EGR-CLR** - EGR Cooler  
**EGR-CTS** - EGR Charge Temperature Sensor  
**EGR-DV** - EGR Delay Valve  
**EGR-EPV** - EGR External Pressure Valve  
**EGR-EVR** - EGR Electronic Vacuum Regulator  
**EGR-RSR** - EGR Reservoir  
**EGRV** - EGR Vent Solenoid  
**EGR-VSOL** - EGR Vacuum Solenoid  
**EGR-VVA** - EGR Venturi Vacuum Amplifier  
**EIS** - Electronic Ignition System  
**ELB** - Electronic Lean Burn  
**ELC** - Electronic Level or Load Control  
**Elec.** - Electric  
**Elect.** - Electronic  
**Emis. or Emiss.** - Emission  
**Eng.** - Engine  
**EPA** - Environmental Protection Agency  
**EPS** - Electronic Power Steering  
**EPR** - Exhaust Pressure Regulator  
**ESA** - Electronic Spark Advance  
**ESC** - Electronic Spark Control  
**ESS** - Electronic Spark Selection  
**ESS** - Engine Speed Sensor  
**ESSM** - Engine Speed Switch Module  
**EST** - Electronic Spark Timing  
**ETC** - Electronic Throttle Control  
**ETS** - Engine Temperature Switch  
**Evap.** - Evaporative  
**EVCR** - Emission Vacuum Control Regulator  
**EVRV** - Electronic Vacuum Regulator Valve  
**EVS** - Economy Vacuum Switch  
**Ex. or Exc.** - Except or Excluding  
**Exch.** - Exchange  
**Exh.** - Exhaust  
**Ext.** - Exterior  
**EZF** - Performance Graph Ignition

### F

**F or F°** - Fahrenheit  
**FAI** - Fresh Air Intake  
**F/B** - Feedback  
**F/B** - Fuse Box or Block  
**FBC or FC** - Feedback Carburetor  
**FCO** - Fuel Cut-Off  
**FCS** - Fuel Control System  
**FDC** - Fuel Deceleration Control  
**FDLV** - Forward Delay Valve  
**FDV** - Fuel Decel Valve  
**FDV** - Forward Delay Valve  
**Fed.** - Federal  
**FES** - Fuel Evaporation System  
**FFOT** - Ford Fixed Orifice Tube

**FIA** - Fast Idle Actuator  
**FICD** - Fast Idle Control Device  
**FISR** - Fast Idle Solenoid Relay  
**FJEGR** - Floor Jet EGR  
**Flshr.** - Flasher  
**Fnt.** - Front  
**Fnt. WD** - Front Wheel Drive  
**FR** - Fuel Return  
**Freq.** - Frequency  
**F/Rly. Pnl.** - Fuse/Relay Panel  
**Frwd.** - Forward  
**FS** - Forward Spark  
**FS** - Fuel Separator  
**FSS** - Fuel Shutoff System  
**Ft. Lbs. or ft. lbs.** - Foot Pounds  
**FTVC** - Fuel Tank Vapor Control  
**Func.** - Function  
**Fus.** - Fusible  
**Fus. Link** - Fusible Link  
**FVEC** - Fuel Vapor Emission Control  
**FVR** - Fuel Vapor Return  
**4WD** - Four-Wheel Drive  
**4WS** - Four-Wheel Steering  
**FWD** - Front Wheel Drive

### G

**g** - Grams  
**Ga.** - Gauge  
**Gals.** - gallons  
**Gen.** - Generator  
**Gnd.** - Ground  
**Gov.** - Governor

### H

**HAC** - High Altitude Compensator  
**HADV** - Heated Air Delay Valve  
**HAI** - Heated Air Intake  
**Harn.** - Harness  
**HAS** - High Altitude System  
**HATSV** - Heated Air Temperature Sensing Valve  
**Haz.** - Hazard  
**HC** - Hydrocarbons  
**H/D** - Heavy Duty  
**HDC** - Heavy Duty Cooling  
**HDSP-CT or HDSP-CTO** - Heavy Duty Spark Coolant Temperature Override  
**HDVA-CTO** - Heavy Duty Vacuum Advance CTO

**Headlt.** - Headlight  
**HEI** - High Energy Ignition  
**Hg** - Mercury  
**Hgt.** - Height  
**Hi.** - High Beam  
**Hi. Alt. or High Alt.** - High Altitude  
**HIC** - Hot Idle Compensator  
**HICV** - HIC Valve  
**Hi-Spd.** - High Speed  
**Hndl.** - Handle  
**HO** - High Output  
**HP** - Horsepower  
**HP** - High Performance  
**Hrn.** - Horn  
**Hsg.** - Housing  
**HSLA** - High Strength Low Alloy (Steel)  
**HT** - High Temperature  
**Htr.** - Heater  
**HTR** - Heavy Truck  
**HW-AFC** - Hot Wire AFC  
**Hyd.** - Hydraulic  
**Hz** - Hertz (Cycles Per Second)

### I

**IAC** - Idle Air Control  
**IAS** - Idle Air Stepper  
**IC** - Idle Compensator  
**IC** - Integrated Circuit  
**ICM** - Ignition Control Module  
**ICVS** - Idle Control Solenoid Vacuum Switch  
**I.D.** - Inside Diameter  
**IES** - Idle Enrichment System  
**Ign.** - Ignition  
**Ign. Gnd.** - Ignition Ground  
**Ign. Mod. Sens.** - Ignition Module Sensor  
**II** - Instrumented Injector  
**IIA** - Integrated Ignition Assembly  
**ILC** - Idle Load Control  
**illum.** - Illumination  
**IMCO** - Improved Combustion System  
**IMPCO** - Improved Combustion System  
**In.** - Inches  
**In.** - Input  
**Incand.** - Incandescent  
**INCH Lbs.** - Inch Pounds  
**Ind.** - Indicator  
**Infl.** - Inflate  
**Info.** - Information  
**In. Hg** - Inches of Mercury  
**Inhib.** - Inhibitor  
**Inj.** - Injector or Injection  
**Inst.** - Instrument  
**Inst. Clstr.** - Instrument Cluster  
**Int.** - Interior  
**Interm.** - Intermittent  
**Intgrtd.** - Integrated  
**Intgrtn.** - Integration  
**Intrpt.** - Interrupt  
**Invrtr.** - Inverter  
**IPC** - Instrument Panel Cluster  
**IPS** - Ignition Pressure Switch  
**IS** - Idle Switch  
**ISC or ISCS** - Idle Speed Control  
**ISC** - Idle Speed Compensator  
**ISS** - Idle Stop Solenoid  
**ITCS or ITS** - Ignition Timing Control System  
**ITEC** - ITEC Fuel System  
**ITVS** - Ignition Timing Vacuum Switch  
**IVV** - Idle Vacuum Valve

### J

**JAS** - Jet Air System  
**J/B** - Junction Box  
**Jmpr.** - Jumper  
**Junc.** - Junction

### K

**KAPWR** - Keep Alive Power  
**kg** - Kilograms  
**kg/cm<sup>2</sup>** - Kilograms Per Square Centimeter  
**k/ohms** - 1000 ohms  
**Key.** - Keyless  
**KS** - Knock Sensor

### L

**L** - Liter  
**Lat.** - Latched  
**Lbs.** - Pounds  
**LCD** - Liquid Crystal Display  
**LCV** - Load Control Valve

# MITCHELL'S ABBREVIATIONS

## Abbreviations Most Often Used (Cont.)

G-13

**L/D** - Light Duty (Emissions)  
**LED** - Light Emitting Diode  
**L. Fnt.** - Left Front  
**LFT** - Left  
**Lftgte.** - Liftgate  
**LH** - Left-hand  
**LH-AFC** - Bosch LH-Jetronic  
**Lic.** - License  
**Lk.** - Lock  
**Lmtr.** - Limiter  
**Lo.** - Low  
**Lps.** - Lamps  
**LR** - Left Rear  
**Lt.** - Light  
**Lt. Duty** - Light Duty  
**Ltr.** - Lighter  
**Ltr.** - Limiter  
**Lug.** - Luggage  
**Lvl.** - Level  
**L4** - 4-Cylinder  
**L6** - 6-Cylinder

### M

**Ma** - Milliamps  
**MAF** - Mass Airflow  
**MAFS** - Mass Airflow Sensor  
**MAFTS** - Manifold Air/Fuel Temperature Sensor  
**Mag.** - Magnetic  
**Maint.** - Maintenance  
**MAJC** - Main Air Jet Control  
**Man.** - Manual  
**Man.** - Manifold  
**Man. Stg.** - Manual Steering  
**Man. Trans.** - Manual Transaxle or Transmission  
**MAP** - Manifold Absolute Pressure  
**MAT** - Manifold Air Temperature  
**MCU** - Microprocessor Control Unit  
**MCV** - Mixture Control Valve  
**MEC** - Motronic Engine Control  
**Mem.** - Memory  
**Merc.** - Mercury  
**Meag.** - Message  
**Mfd.** - Microfarads  
**MFI** - Mechanical Fuel Injection  
**MFI** - Multi-Port Fuel Injection  
**MHC** or **MHCV** - Manifold Heat Control Valve  
**Mic.** - Microphone  
**MIG** - Metal Inert Gas (Welding)  
**Mir.** - Mirror  
**Mixt.** - Mixture  
**mkg** - Meter Kilogram  
**mm** - Millimeters  
**Mod.** - Module  
**Mon.** - Monitor  
**MPC** - Manifold Pressure Controlled Fuel Injection  
**MPH** - Miles Per Hour  
**MPI** - Multi-Point Injection  
**Mtr.** - Motor  
**M/T** - Manual Transaxle or Transmission  
**MTA** - Managed Thermactor Air  
**MVS** - Manifold Vacuum Switch

### N

**"N"** - Neutral Position  
**NCA** - No Color Available  
**Neut.** - Neutral  
**NLV** - Non-Linear Valve  
**NLVR** - NLV Regulator  
**N.m** - Newton Meter  
**No. or #** - Number  
**Norm.** - Normal  
**NOx** - Oxides of Nitrogen

### O

**O** - Oxygen  
**O<sub>2</sub>** - Oxygen  
**OBC** - On-Board Computer  
**OC** - Oxidation Catalyst  
**O.D.** - Outside Diameter  
**O/D** - Overdrive  
**OL** - Open Loop  
**Oper.** - Operated  
**Opt.** - Options or Optional  
**OS** - Oxygen Sensor  
**OSAC** - Orifice Spark Advance Control  
**OTCS** - Over-Temperature Control System  
**OTS** - Oil Temperature Switch  
**OXS** or **OXY** - Oxygen Sensor  
**Ozs.** - Ounces

### P

**"P"** - Park Position  
**PACV** - Pulse Air Check Valve  
**PAF** - Pulse Air Feeder  
**PAI** or **PAIR** - Pulse Air Injection  
**PAS** - Pulse Air Solenoid or System  
**Pass.** - Passenger  
**P/C** - Printed Circuit  
**PCOV** - Purge Control Valve  
**PCV** - Positive Crankcase Ventilation  
**PCV** - Purge Control Valve  
**PCVS** - Positive Crankcase Ventilation Solenoid  
**PEVR** - Power Enrichment Vacuum Regulator  
**PFI** - Port Fuel Injection  
**PFI** - Programmed Fuel Injection  
**PGCV** - Purge Control Valve  
**PGM-FI** - Programmed Fuel Injection  
**PHCV** - Power Heat Control Valve  
**PHDV** - Power Heat Delay Valve  
**PIP** - Profile Ignition Pick-Up  
**Pkg.** - Package  
**PLBS** - Partial Lean Burn System  
**P/N** - Park/Neutral  
**Pneu.** - Pneumatic  
**Pnl.** - Panel  
**Pos.** - Positive  
**Postn.** - Position  
**Pot.** - Potentiometer  
**PPM** - Parts Per Million  
**PPS** - Ported Pressure Switch  
**PR-CV** - Pressure Control Valve  
**Pres.** - Pressure  
**Prgrmr.** - Programmer  
**Pri.** - Primary  
**PRNDL** - Park, Reverse, Neutral, Drive, Low  
**PROM** - Programmable Read Only Memory  
**Prtl.** - Partial  
**PS** - Push Switch  
**P/S** - Power Steering  
**psi** - Pounds Per Square Inch  
**P/S Pres. Sw.** - Power Steering Pressure Switch  
**PSV** - Pulse Air Shutoff Valve  
**PTO** - Power Take Off  
**Pts.** - Pints  
**PV** - Pulse Air Valve  
**PV** - Purge Control Valve  
**PVA** - Ported Vacuum Advance  
**PVBrk** - Primary Vacuum Break  
**PVCS** - Ported Vacuum Control System

**PVCS** - Power Valve Control System  
**PVFFC** - Pressure/Vacuum Fuel Filler Cap  
**PVS** - Ported Vacuum Switch  
**PVTS** - Purge TVS  
**Pwr.** - Power

### Q

**Qts.** - Quarts

### R

**R** - Rear  
**Rad.** - Radiator  
**Rcvr.** - Receiver  
**Rdcr.** - Reducer  
**RDLV** - Reverse Delay Valve  
**RDLVD** - RDLV Dual  
**RDLVS** - RDLV Single  
**RDO** - Retard Delay Orifice  
**RDV** or **R-DLV** - Retard Delay Valve  
**Recirc.** - Recirculator  
**Reduct.** - Reduction  
**Ref.** - Reference  
**Reg.** - Regulator  
**Rel.** - Release  
**Res.** - Resistor  
**Resist** - Resistance  
**Retrac.** - Retract or Retractor  
**Rev.** - Revolution  
**RH** or **RTH** - Right-hand  
**Rheo.** - Rheostat  
**Rly.** - Relay  
**Rly. Up** - Relay Up  
**Rplnsg.** - Replenishing  
**RPM** - Revolutions Per Minute  
**RS** - Reverse Spark  
**Rsm.** - Resume  
**Rt.** - Right  
**Rtd.** - Retard  
**Rt. Fnt.** - Right Front  
**Rtrn.** - Return  
**RV** - Rollover Valve  
**RVSV** - Rollover/Vapor Separator Valve  
**RWD** - Rear Wheel Drive

### S

**SADV-TVS** - Spark Advance TVS  
**SA-FV** - Separator Assembly Fuel Vacuum  
**SAS** - Secondary Air Supply  
**Satlt.** - Satellite  
**SAVM** - Spark Advance Vacuum Modulator  
**S/B** - Seat Belt  
**SBC** - Single Bed Catalytic  
**SC** - Signal Conditioner  
**SC** - Stratified Charge  
**SCC** - Spark Control Computer  
**SCS** - Speed Control Switch  
**SCS** - Spark Control System  
**SCS** - Speed Controlled Spark  
**SCTO** - Spark Coolant Temperature Override  
**SDV** - Spark Delay Valve  
**Sec.** - Secondary  
**SEC ACT** - Secondary Actuator  
**SEFI** - Sequential Electronic Fuel Injection  
**SEGR** - Sub EGR or Secondary EGR  
**Sel.** - Selector or Selection  
**Sen. or Sens.** - Sensor  
**Send.** - Sender  
**Sfty.** - Safety  
**Shld.** - Shield

# MITCHELL'S ABBREVIATIONS

## Abbreviations Most Often Used (Cont.)

**Sig.** - Signal  
**SO** - Sensor Override  
**Sol.** - Solenoid  
**Sole-Vac.** or **SLV** - Solenoid Vacuum  
**Sol. V.** - Solenoid Valve  
**Spd.** - Speed  
**Speedo.** - Speedometer  
**SPFI** - Sequential Port Fuel Injection  
**SPK** - Spark  
**Spk. Ret.** - Spark Retard  
**SP-TVS** - Spark Thermal Vacuum Switch  
**SRDV** or **SRD-VLV** - Spark Retard Delay Valve  
**SRS** - Supplementary Restraint System  
**SS** - Start Control System  
**SSC ACT** - Stepped Speed Control Actuator  
**SSC SOL** - Stepped Speed Control Solenoid  
**SSI** - Solid State Ignition  
**St.** - Start  
**Stab.** - Stabilizer  
**Sta. Wag.** - Station Wagon  
**STC** or **STCS** - Spark Timing Control  
**Std.** - Standard  
**Stop Lt.** - Stop Light  
**Strkr.** - Striker  
**Strng.** - Steering  
**Strtr.** - Starter  
**STVS** - Spark Thermal Vacuum Switch  
**STVS** - Secondary Throttle Valve System  
**SUCS** - Shift-Up Control System  
**Supp.** - Supply  
**Susp.** - Suspension  
**S-V** - Sol-Vac  
**SVB** - Secondary Vacuum Break  
**SVBrk** - Secondary Vacuum Break  
**SV-CBV** - Solenoid Valve Carb Bowl Vent  
**SVV** - Solenoid Vent Valve  
**Sw.** - Switch  
**Swover.** - Switchover  
**SWV** - Switching Valve  
**Sys.** - System

### T

**TAB** - Thermactor Air By-Pass  
**TAC** - Thermostatic Air Cleaner  
**Tach.** - Tachometer  
**TAD** - Thermactor Air Diverter  
**Taillt.** - Taillight  
**TBI** - Throttle Body Injection  
**TBVV** - Thermal Bowl Vent Valve  
**TC** - Throttle Closer  
**TCC** - Transmission Converter Clutch  
**TCCS** - Toyota Computer Control System  
**TCDV** - Thermal Check & Delay Valve  
**TC-DVLV** - Torque Converter Delay Valve  
**TCE** - Transmission Controlled EGR  
**TCS** - Transmission Controlled Spark  
**TCS** - Transmission Converter Switch  
**TC-TVS** - Torque Converter TVS  
**TCV** - Thermal Control Valve  
**TCVS** - Torque Converter Vacuum Switch  
**TDC** - Top Dead Center  
**TDS** - Time Delay Sensor  
**Temp.** - Temperature  
**TEMS** - Toyota Electronic Modulated Suspension  
**Tens.** - Tension

**Tens. Rdcr.** - Tension Reducer  
**Term.** - Terminal  
**TES** - Thermal Electric Switch  
**TFI** - Thick Film Integrated  
**Therm.** - Thermostat or Thermistor  
**THM** - Turbo Hydra-Matic  
**Throt.** - Throttle  
**TIC** - Thermal Ignition Control Valve  
**TIDC** - Thermostatic Ignition Distributor Control  
**TIG** - Tungsten Inert Gas (Welding)  
**TIV** - Thermal Idle Valve  
**TK** - Throttle Kicker  
**TLA** - Throttle Lever Actuator  
**TO** - Thermal Override  
**TOCS** - Throttle Opener Control System  
**TP** - Throttle Positioner  
**TPBPV** - Tank Pressure By-Pass Valve  
**TP-CV** - Tank Pressure Control Valve  
**TPI** - Tuned Port Injection  
**TPS** or **Th. Sens.** - Throttle Position Sensor  
**TPSW** - Throttle Position Switch  
**TPV** - Throttle Poppet Valve  
**T-Q** - Thermo-Quad  
**TR** - Thermal Reactor  
**Trans.** - Transaxle/Transmission  
**Transis.** - Transistor  
**TRC** - Throttle Return Control  
**TRC-SOL-CVLV** - TRC Solenoid Control Valve  
**TrC-TVS** - Transmission Lock-Up Converter TVS  
**TrC-VS** - Transmission Lock-Up Converter Vacuum Switch  
**TRest** - Tee Restrictor  
**Tripmdr.** - Tripminder  
**Trnsmt.** - Transmitter  
**TS** - Trapped Spark  
**TSD** - Throttle Solenoid  
**TSP** - Throttle Solenoid Positioner  
**Turbo** - Turbocharger  
**TV** - Thermo Valve  
**T.V.** - Throttle Valve  
**TV-RST** - Hose Tee Vacuum Restrictor  
**TVS** - Thermal Vacuum Switch  
**TVV** - Thermal Vent Valve  
**TVV** - Temperature Vacuum System Valve  
**TWC** - Three Way Catalytic  
**Twilt.** - Twilight  
**2WD** - 2-Wheel Drive  
**Typ.** - Typical

### U

**UIC** - Universal Integrated Circuit  
**Unlat.** - Unlatched  
**UVS** - Underhood Vent System

### V

**V** - Volts  
**V6** - V6 Engine  
**V8** - V8 Engine  
**VA** - Vacuum Amplifier  
**Vac.** - Vacuum  
**VAC** - Vacuum Advance Control  
**VACP** - Vacuum Pump  
**VA-CTO** - Vacuum Advance CTO  
**Vac.VV** - Vacuum Vent Valve  
**Var.** - Variable  
**VASC** - Vacuum Advance SparkControl

**VATS** - Vehicle Anti-Theft System  
**VB** - Vacuum Break  
**VCC** - Viscous Clutch Converter  
**VckV** - Vacuum Check Valve  
**VCS** - Vacuum Controlled Switch  
**VCV** - Vacuum Control Valve  
**VDV** or **VDVLV** - Vacuum Delay Valve  
**VDV** - Vacuum Differential Valve  
**VDV** - Vacuum Diverter Valve  
**Veh.** - Vehicle  
**Vert.** - Vertical  
**VHC** - Vacuum Exhaust Heat Control Valve  
**VIN** - Vehicle Identification Number  
**VIS** - Vacuum Input Switch  
**VLDL** or **VLDV** - Vacuum Delay Valve  
**Vlv.** - Valve  
**VM** - Vacuum Modulator  
**VMCV** - Vacuum Modulator Check Valve  
**VMV** - Vacuum Modulator Valve  
**VMVS** - Vacuum Modulator Valve Switch  
**Volt.** - Voltage  
**VOTM** - Vacuum Operated Throttle Modulator  
**VP** - Vacuum Pump  
**VPOC** - Vacuum Pull-Off Choke  
**V. Pwr.** - Vehicle Power  
**VR** - Vacuum Reservoir  
**VRckV** - Vacuum Reverse Check Valve  
**VRDV** - Vacuum Retard Delay Valve  
**VReser** - Vacuum Reservoir  
**VRest** - Vacuum Restrictor  
**VRS** - Vacuum Regulator/Solenoid  
**VRS** - Vacuum Retard Switch  
**VRV** - Vacuum Reducer Valve  
**VRV** - Vacuum Regulator Valve  
**VS** - Vacuum Solenoid  
**VS** - Vacuum Switch  
**VSA** - Vacuum Switch Assembly  
**VSD** - Vacuum Switch Dump  
**VSDV** - Vacuum Source (or Signal) Dump Valve  
**V-RSR** - Vacuum Reservoir  
**V-RST** - Vacuum Restrictor  
**VSS** - Vehicle Speed Sensor  
**VSV** - Vacuum Solenoid Valve  
**VTK** - Vacuum Throttle Kicker  
**VTM** - Vacuum Throttle Modulator  
**VTP** - Vacuum Throttle Positioner  
**VVA** - Venturi Vacuum Amplifier  
**VVCS** - Vacuum Vent Control System  
**VVCV** - Vacuum Vent Control Valve  
**VVV** - Vacuum Vent Valve  
**VVVac.** - Vent Valve Vacuum

### W

**W/** - With  
**Warn.** - Warning  
**W/B** - Wheelbase  
**Wdo.** - Window  
**Wip.** - Wiper  
**W/O** - Without  
**WOT** - Wide Open Throttle  
**WOTC** - WOT Cutout  
**WOTS** or **WOT-SW** - WOT Switch  
**WOTV** - WOT Valve  
**W/Shield** - Windshield  
**Wshr.** - Washer  
**WST** - Wastegate  
**WSTGT ACT** - Wastegate Actuator  
**W/W** - Wiper/Washer

### X

**Xcvr.** - Transceiver  
**Xmit.** - Transmitter