

GUIDA AGLI ACRONIMI TECNICI BMW

Caro cliente,

con questa Tech News vogliamo dare qualche indicazione sugli acronimi tecnici utilizzati da BMW, ovvero quelle sigle composte dalle lettere iniziali di una o più parole che caratterizzano un termine tecnico.

Anche nell'automotive la loro diffusione ha ormai un ruolo fondamentale per l'identificazione di sistemi e dispositivi installati sui diversi modelli, nonché per abbreviazioni di uso comune del settore automobilistico.

Ecco una piccola guida, di quanto utilizzato da BMW, a vostra disposizione.

BMT - 6-speed Manual Transmission

A - Processed vehicle speed signal

A - "Out" (Aus)

AAR - Automatic Air Recirculation

AB - Airbag

ABL - Brake system warning Lamp (2 color)

ABS - Anti-lock Braking System

AC - Air Conditioning (from ETK)

ACC - Active Cruise Control

ACS - Active Comfort Seats

ADB(X) - Automatic Differential Braking

ADS - Engine intake air control

ADV - Windshield wiper pressure control

AECS - Automatic Electronic Gearbox Control (also EGS)



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TECH news

AFM - Air Flow Meter
AGD - Suction silencer (from ETK)
AGR - Emission reduction
AGS - Adaptive transmission control
AG - Automatic Gearbox (transmission)
AHK - Active rear-axle Kinematics
AHK - Trailer hitch (from ETK)
AHM - Trailer Module (not for US models)
AHPS - Advanced HPS
AIC - Automatic Interval Control (rain sensor)
AKF - Activated carbon canister (from ETK)
AKS - Active head restraint
AKS - Pressure regulating device (from ETK)
ALC - Automatic Light Control
ALR - Automatic Lamp Range Adjustment
AMM - Air Mass Meter
AMP - Radio system AMPLifier
ARI - Car radio information system (from ETK)
ARRB - Automatic Rear Roller Blind
ARS - Active Roll Stabilization
AS - Active Steering
ASC - Automatic Stability Control
ASC-EZA - ASC w/ engine timing and injection intervention
ASC+T - ASC+ Traction control
ASK - Audio System controller (Kontroller)
ASR - Self starter block relay (from ETK)
AST - Automatic Slip control (marketing term)
AT - Remanufactured part (from ETK)
AT - Antenna (from ETK)
ATF - Automatic Transmission Fluid (from ETK)
ATL - Exhaust gas turbo charger (from ETK)
AUC - Automatic air recirculation
AUT - AUTomatic transmission (from ETK)
AVT - Antenna amplifier Tuner
AZD - Tightening torque specifications (in TIS)
A/D - Analog/Digital
B - Benzene (gasoline)
BAT - BATtery (from ETK)
BC - Board Computer
BC1 - Body Controller 1
BL - Brake Light (from ETK)
BLS - Brake Light Switch



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TECH news

BMBT - Board Monitor
BMW - Bayerische Motoren Werke
BS - Block diagram
BST - Battery Safety Terminal
BVA - Brake pad wear indicator (from ETK)
BZM - Center console control center
BZMF - Center console control center, rear
CA - Comfort Access
CAN - Controller Area Network (Multiple ECU Controller)
CAN-Bus - Controller Area Network (bus)
CANH-Bus - CAN bus, High
CANL-Bus - CAN bus, Low
CANP - Fuel tank ventilation valve
CAS - Car Access System
CBC - Corner Braking Control
CBS - Condition Based Service
CCC - Car Communications Computer
CCM - Check Control Module
CD - Control Display
CDC - Compact Disk Changer
CDS - CD player (from ETK)
CEL - CELsius (from ETK)
CIM - Chassis Integration Module
CIP - Coding Individualization & Programming
CO - Carbon monOxide (from ETK)
COMBI - Electronic Instrument Cluster
CON - CONTroller
CPO - Certified Pre-Owned (by BMW dealership)
CSL - Club Sport Lightweight (Club Sport Leicht)
CU - Copper (from ETK)
CVM - Convertible top Module
CVT - Constantly Variable Transmission
CW - Drag coefficient (from ETK)
D1 - Xenon light/ gas discharge (from ETK)
D-Bus - Diagnosis bus (same as TXD)
DBC - Dynamic Brake Control
DBS - Dynamic Braking System
DCC - Dynamic Cruise Control
DCS - Dealer Communication System
DE - Diagnostic Unit
DD - Dynamic motor Drive
DDE - Digital Diesel Electronics



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TECH news

DIN - German industrial standards
DIS - Diagnosis and Information System
DISA - Differential air intake control
DIVA - Continuously variable length intake runners
DK - Throttle housing/valve
DKB - Throttle w/ brake intervention
DKE - Throttle Increase
DKI - Throttle position
DKR - Throttle reduction
DKT - Throttle position signal
DKV - Preset throttle position value
DME - Digital Motor Electronics
DM-TL - Diagnostic Module Tank Leakage
DOHC - Double Over Head Camshafts (from ETK)
DRL - Daytime Running Lights
DS - Gasket set (from ETK)
DSC - Dynamic Stability Control
DSP - Digital Sound Processing
DTC - Diagnostic Trouble Code (SAE)
DTC - Dynamic Traction Control
DWA - Theft deterrent system
DWS - Tire pressure Warning System
DZM - Revolution counter (from ETK)
E - "In" (Ein)
ED - European Delivery
EBA - Installation instructions (from ETK)
EBV - Electronic Brake force proportioning
ECE - European market version (from ETK)
ECM - Engine Control Module (SAE term)
ECU - Electronic Control Unit
EDC - Electronic Damper Control (from ETK)
EDR - Electronic throttle control
E-KAT - Electrically heated catalytic converter
EZA - see ASC-EZA
ECM - Engine Control Module (SAE term)
ECO - Controller for I-Drive system
EDC - Electronic Dampening Control
EDC-K - Electronic Dampening Control - Continuous
EDK - Electronic throttle valve
EDS - Pressure regulator
EFH - Electric window lifter (from ETK)
EGS - Electronic transmission control



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EH - Electronic-Hydraulic
EHC - Electronic Height Control
EKM - Electronic body Module
EKP - Electric fuel Pump
ELV - Electronic steering lock
EM - Electro-Mechanical
EMF - Electro-Mechanical parking brake
EML - Electronic Motor Load regulation
EMV - Electro-Magnetic sensitivity (from ETK)
EO - Component location
EPC - Electronic Parts Catalog (also ETK)
EPROM - Erasable/ Programmable chip Memory (from ETK)
ETK - Electronic parts catalog (also EPC)
ETM - Electrical Troubleshooting Manual
ESS - Electronic anti-theft device
EV - Injection Valve
EWS - Electronic drive-away protection
FB - Function description
FBC - Fading Brake Control
FBD - Remote control services
FBZV - Radio frequency locking system
FDRS - Fold Down Rear Seats
FGR - Vehicle Speed Control (Cruise Control)
FH - Window lifter
FHK - rear Heater/ air conditioner
FLC - Automatic Light Control
FRU - Flat Rate Unit
FS - Crash Sensor
FTM - Flat Tire Monitor
FZV - Central lock receiver
GAL - Speed dependent sound volume
GM - General Module
GMR - Yaw moment control
GPS - Global Positioning System
GRII - Cruise control
GRS - Rotation Rate Sensor
GS - Belt Tensioner
GWK - Torque converter lock-up control
H - "Rear" (Hinten)
H2 - Xenon headlights
HA - Rear Axle (from ETK)
HC - Hydro Carbon



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TECH news

HD - Heavy Duty (from ETK)
HDC - Hill Descent Control
HFM - Hot Film air mass Meter
HG - Manual Gearbox (transmission)
HKL - Hydraulic trunk lid Lift
HLM - Hot Wire Air Mass Meter
HPS - Head Protection System
HR - Heater control (from ETK)
HU - Head Unit
HUD - Heads Up Display
HVA - Hydraulic Valve Adjuster (from ETK)
HWS - Headlight Washer System
Hz - Hertz (Cycle)
I-Bus - Information bus
IB - Interior lighting control signal
IHKA - Automatic Heating and A/C
IHKAF - IHKA w/ micro filter
IHKR - Regulated Heating and A/C
IHKRF - IHKR w/ micro filter
IHKS - Standard Heating and A/C
IHPD - Internal High Pressure Deformation
IHR - Integrated Heater control (from ETK)
IKE - Instrument cluster Electronics
ILH - Interior Lighting, rear
ILV - Interior Lighting, front
IMS - Instant Mobility System (from ETK)
IR - Infrared
IRS - Infrared Locking System
ISC - Idle Speed Control
ISIS - Intelligent Safety Integration System
ISN - Individual Serial Number
ISOFIX - Standardized mounts for child restraints
ITS - Head airbag assembly/ Inflatable Tubular Structure
IVM - Integrated power supply Module
K-Bus - Body bus (Karosserie)
KAT - Catalytic converter
KATON - Converter creating (signal)
KD - Kick-Down
KHI - Interface for headphones
KL - Terminal designation
KL15 - Run bus (ignition switch run position)
KL30 - Battery bus (hot at all times)



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TECH news

KL31 - Ground bus (chassis ground)
KL50 - Start bus (ignition start position)
KLR - Accessory bus
KO - Compressor "on" signal
KOMBI - Instrument cluster
KOREL - Compressor relay signal
KR - Contact Ring
KSK - Knock Sensor
KVA - Fuel consumption signal/value
KW - Crankshaft
KW - KiloWatt (from ETK)
LCM - Lamp Check Module
LDP - Leak Diagnosis Pump
LEV - Low Emissions Vehicle
LEW - Lateral acceleration sensor
LHD - Left-Hand Drive (from ETK)
LKM - Lamp control Module
LL - Closed throttle
LM - Light Module
LMM - Air flow meter/sensor
LMR - Light alloy wheel
LRA - Vertical headlight aiming
LSD - Limited Slip Differential
LSM - Steering column memory
LSZ - Lamp Switching center
LVA - Air supply system (for EHC system)
LWR - Vertical headlight aim control
LWS-5 - Steering angle sensor
M-Bus - IHKA/IHKR stepper motor bus
MAL - Center armrest
MBC - Maximum Brake Control
MDK - Motorized throttle valve/system
MFL - Multi-Function steering wheel
MFC - Multi-Function Controller
MFS - Multi-Function Steering Wheel
MFU - Multi-Function Clock
MID - Multi-Information Display
MIL - Malfunction Indicator Lamp (SAE), "check engine" Lamp
MIR - Multi-Information Radio
MMC - Multi-Media Changer
MoDiC - Mobile Diagnostic Computer
MOST-Bus - Media Oriented System Transport bus



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TECH news

MRS - Multiple Restraint System
MSR - Engine drag torque Regulation
MV - Magnetic Valve (solenoid Valve)
N-ab - Rotational speed, transmission (rpm)
N-mot - rotational speed, engine (rpm)
NAVI - Navigation module
NG - New Generation (as in N73 engine)
NG - Tilt sensor
NOX - Nitrogen Oxides/ exhaust gas recirculation (from ETK)
NSD - Rear muffler (from ETK)
NSL - Rear fog Lamp (from ETK)
NSW - Fog lamp (from ETK)
NTC - Negative Temperature Coefficient
NW - Camshaft (from ETK)
OBC - On-Board Computer
OBD - On-Board Diagnosis (SAE)
OEM - Original Equipment Manufacturer
P/N - Park/Neutral position
P-Bus - Periphery bus
PB - Pin assignments
PBS - Parts Bulletin System (in TIS)
PCD - Performance Center Delivery
PDC - Park Distance Control
PDI - Pre-Delivery Inspection
PGS - Passive Go System
PM - Power Module
PP - Impact Pad
PTC - Positive Temperature Coefficient
RLS - Rain-Light Sensor
PWG - Pedal position sensor/ potentiometer
RA - Repair instructions (in TIS)
RAM - Random Access Memory
RAL - Aluminum wheels (from ETK)
RAL - Standard color (from ETK)
RDC - Tire pressure Control
RDS - Radio Data-broadcast System
RDW - Tire pressure Warning
RFT - Run Flat Tires
RHD - Right-Hand Drive (from ETK)
RM - Relay Module
ROZ - Research Octane rating/ fuel grade (from ETK)
RPA - Tire puncture warning (from ETK)



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RPS - Rollover Protection System
RS - Repair kit (from ETK)
RSC - Run flat System Components
RSW - Back-up lamp (from ETK)
RXD - Wake-up Diagnosis line
RZV - Direct stationary ignition
SA - Sales Advisor or Service Advisor
SASL - Satellite, A-pillar left
SASR - Satellite, A-pillar right
SAV - Sport ACTIVITY Vehicle
SB - Fuse assignments
SBE - Seat occupancy detector/sensor
SBFH - Seat module, passenger-side rear
SBK - Safety Battery Terminal Clamp (???)
SBSL - Satellite, B-pillar left
SBSR - Satellite, B-pillar right
SBT - SI techniques/ tech reference information (in TIS)
SCA - Soft Close Automatic/Actuator
SD - Sliding roof (from ETK)
SD - Silencer/ muffler (from ETK)
SE - Special Equipment (from ETK)
SES - Voice recognition System
SFAH - Seat module, driver's side rear
SFZ - Satellite, vehicle center
SG - Control unit
SGS - Seat integrated belt System
SHD - Sliding/ lifting roof (from ETK)
SHD - Sunroof module (also SHDM)
SI - Service Information (in TIS)
SIA - Service Interval system (ver. I, II, III, IV, etc.)
SII - Service Interval Indicator
SIL - SiLicon (from ETK)
SIM - Safety Information Module
SINE - Siren/tilt sensor
SKD - Steel sliding roof (from ETK)
SKHD - Steel sliding/ lifting roof (from ETK)
SM - Seat Module
SM/SPM - Seat/Mirror Memory
SMBF - Seat Module, passenger side
SMFA - Seat Module, driver's side
SMG - Sequential Manual Gearbox
SP - Schematic



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TECH news

SRA - Headlight/fog light cleaning
SRS - Supplementary Restraint System
SSD - Steel sliding roof (from ETK)
SSH - Seat Satellite, rear seat
ST - Connector views
Steptronic - Transmission shift control
STVL - Satellite, left front door
STVR - Satellite, right front door
SVS - Speech processing System
SWR - Headlamp cleaning system (from ETK)
SWZ - Special tool listings (in TIS)
SZL - Switch center, steering column
SZM - Central switch center Module
TAGE - Door handle Electronics
TCM - Transmission Control Module
TD - Engine speed signal (ignition pulse)
TD - Technical Data (in TIS)
TE - Fuel evaporation control
TEL - TELEphone control unit
TEV - Evaporative purge control
THZ - Tandem master cylinder (from ETK)
Ti - Injector "on" Time (duration)
TIS - Technical Information System
TL - Part throttle / load signal
TLEV - Transitional Low Emission Vehicle
TMBFT - Door Module, passenger side
TMBFTH - Door Module, passenger side rear
TMFAT - Door Module, driver's side
TMFATH - Door Module, driver's side rear
TP - Tandem Pump (from ETK)
TPC - Tire Pressure Control
TPM - Tire Pressure Monitor
TPS - Throttle Position Switch/Sensor
TR - Engine speed signal (rpm)
TR - TRansistor (from ETK)
TRG - Fuel level sensor (from ETK)
TRI - Technical Reference Information (also SBT)
TRS - Battery isolation Switch
TSB - Technical Service Bulletin
TSD - Torsional vibration dampener (from ETK)
TSH - Door lock Heating
TSZI - Transistorized coil Ignition system (from ETK)



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TECH news

TU - Technical Update (as in M50tu)
TXD - Transmitting Diagnosis line
U-batt - Battery voltage
U-vers - Supply voltage
UERSS - Rollover bar (from ETK)
URS - Rollover protection System
USIS - Ultrasonic passenger compartment Sensor
V - "Front" (Vorn)
V - Vehicle road speed
VA - Front Axle (from ETK)
VAC - Voice Activated Control
VAT - Front axle support (from ETK)
VANOS - Variable camshaft timing
VEP - Distributor-type injection Pump (from ETK)
VID - VIDEo module
VL - Full load (wide open throttle)
VSD - Front muffler (from ETK)
VVT - Valve tronic
WBG - Hazard warning switch (from ETK)
WIM - Wiper control Module
WK - Torque converter lock-up clutch
WSS - Wind Shield (from ETK)
WT - Valve tronic control unit
Z - "Central" (Zentrum)
ZAB - Ignition fade-out (reduction)
ZAE - Central Airbag Electronics
ZAS - Ignition starter switch (from ETK)
ZCP - The Competition Package (M3 Only)
ZCW - Cold Weather Package
ZGM - Central Gateway Module
ZHP - Performance Package (Available on US-Market e46
330i/Ci/Cic Only)
ZK - Cylinder head (from ETK)
ZKE - Central body Electronics
ZKH - Cylinder head cover (from ETK)
ZMS - Dual-Mass flywheel (from ETK)
ZPP - Premium Package
ZSP - Sport Package
ZV - Central locking system
ZS - Central lock (from ETK)
ZSD - Center muffler (from ETK)
ZV - Central locking system (from ETK)



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TECH news

ZVM - Central locking Module
ZWD - Idle control valve

Speriamo possiate trovare utili queste informazioni!
Non esitate e contattarci per qualsiasi chiarimento in merito.

Lo staff dell'Ufficio Post Vendita



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