



## Jaguar Acronyms, Abbreviations & Terms.

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### Misc.

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+ve = Positive

-ve = Negative

1234yf = HFO-1234yf, new EPA-approved DuPont/Honeywell refrigerant that may replace R-134a

2BBL = Two-barrel carburetor

2DR = Two-door

2OHC = DOHC, Dual- or Double Overhead Cam

2WD = Two-Wheel Drive

420 = Jaguar compact sporting saloon produced 1966-68, also known as the Daimler Sovereign

420G = New name for the Jaguar Mark X large luxury saloon from 1966

4BBL = Four-barrel carburetor

4DR = Four-door

4WD = Four Wheel Drive, selectable 2WD or 4WD system (not to be confused with AWD)

### A

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A = Ampere, Amperes; Acceleration

A Bank = (cylinders 1, 3, 5 or 1, 3, 5, 7) (Bank 1, RH Bank)

A-Pillar = A-Post, structure that connects roof to chassis alongside the windshield/screen

A-Post = A-Pillar, structure that connects roof to chassis alongside the windshield/screen

AAC = Auxiliary Air Valve

AAFV = Adaptive Air Flow Valve (AMFR)

AAI = Air Assist Injection

AAIV = Air Assist Injection Valve

AAMFR = Adaptive Air Mass Flow Rate (AAFV, AFR, AMFR)

AAT = Ambient Air Temperature Sensor (AATS)

AATS = Ambient Air Temperature Sensor (AAT)

ABC = After Bottom Center, After Bottom Dead Center (ABDC)

ABDC = After Bottom Dead Center, After Bottom Center (ABC)

ABS = Anti-lock Brake System, ABS Control Module

ABS Sensor = Anti-lock Brake System wheel speed sensor (WSS)

ABSSCP = Anti-lock Brake System Speed Control Processor

AC = Alternating Current

AC or A/C = Air Conditioning (AC)

A/C CM = Air Conditioning Control Module (A/C ECU, ATC, CCM, CC ECU)

A/C ECU = Air Conditioning Electronic Control Module (A/C CM, ATC, CCM, CC ECU)

ACC = Accessory, A/C Clutch, Adaptive Cruise/Speed Control, ACC Module (ACCM, ASCM)

ACCM = Adaptive Cruise/Speed Control Module (ACC, ASCM)

Accumulator = Spherical reservoir in which hydraulic fluid is held under pressure (ATE or ACDelco)

ACEA = Association des Constructeurs Européens d'Automobiles, European standards organization

ACJC = Australian Council of Jaguar Clubs

ACM = Audio Control Module or Audio Connectivity Module

ACT = Air Charge Temperature, Air Charge Temp. Sensor (CTS, IAT, IATS, MAT, MCT, VAT)

A/D = Analog-to-Digital (see D/A)

ADAS = Advanced Driver Assistance Systems (see LKA, Mobileye, Gentex)

ADC = Analog-to-Digital Converter (see DAC)

ADC = Active Differential Control, Jaguar EAD system based on GKN Driveline's ETM (w.s.)

ADCM = Active Dampening Control Module (controls CATS/ECATS, part of ASM on X350 & late S-Type)

ADHLS = Axle Deflection Height Level System (LCM)

ADHLS L = Left Hand Axle Deflection Height Level System (LHLCM)

ADHLS R = Right Hand Axle Deflection Height Level System (RHLCM)

ADM = Adaptive Damping Module (ADCM) (controls CATS/ECATS, part of ASM on X350 & late S-Type)

ADRC = Adaptive Dampening Ride Control Module

AE = AutoEnginuity, an advanced professional OBD diagnostic system

AEB = Autonomous Emergency Braking

AED = Automatic Enrichment Device

AEM = Active Engine Mount

Aerial = Antenna

Aeroscreen = A low windscreen as often seen on early Jaguar racing cars

AF or A/F = Air Flow, Air/Fuel, Air-Fuel Ratio (AFR), Automatic Frequency Switching (radio)

AF or A/F Across the Flats, wrench size based on fastener head size rather than shaft diameter

AFM = Air Flow Meter (AMS, MAF, MAFS, MAS)

AFR = Air/Fuel Ratio or Air Flow Rate (AAFV, AAMFR, AMFR)

AFSV = Air Flow Sensor Voltage, MAF sensor voltage

Agent, Main = Jaguar Dealer/Dealership

AGM = Absorbed Glass Mat battery, type of VRLA with electrolyte contained in fiberglass mats

AHB = Automatic High-Beam control

AHCM = Auxiliary Heater Control Module

AHR = Active Head Restraint

AIR = Antipollution Industrial Research, firm of Michael May, designer of HE Fireball cylinder head

AIR = Secondary Air Injection System

Air Cleaner = Air Filter

Air Cleaner Box = Air Filter Housing

Air Filter = Air Cleaner

Air Filter Housing = Air Cleaner Box

Air Mass Sensor = Mass Air Flow Sensor (AFM, MAF, MAFS)

AIRC = Air Injection Check Valve, Secondary Air Injection Check Valve (SAIRC)

AIRP = Air Injection Regenerative Pump, Secondary Air Injection Pump (SAIP)

AKA or a.k.a. = Also Known As

AKI = Anti-Knock Index, fuel performance rating system, same as (R+M/2); see MON, RON

Alfin = ALuminium-FINned brake drums fitted to some XK120s to help overcome brake fade

Allen screw = Set screw, Grub screw

Alligator Clip = Crocodile Clip

Alloy = Aluminum/Aluminium or Magnesium Wheel or Rim

ALR = Automatic Locking Retractor

Alternator = Generator (AC), see Dynamo

Ambla = Vinyl upholstery fabric with expandable knit backing introduced by Jaguar in 1968

Amecoil = AMECA tradename for helical thread insert in Amelock nuts used on many Jaguar axles

Amelock = AMECA trademark for self-locking nut with Amecoil insert, used on many Jaguar axles

AMFR = Air Mass Flow Rate, Adaptive Air Mass Flow Rate (AAFV, AAMFR, AFR)

Amp, Amps = Ampere, Amperes

AMP = Amplifier, Audio Power Amplifier

Ampere = Unit of Electric Current, the measure of electric charge flowing in a circuit (Amps), see Volt

AMRE = Automotive Maintenance & Repair Association, organization behind MAP

AMS = Air Mass Sensor (AFM, MAF, MAFS, MAS)

ANSI = American National Standards Institute Establishes standards such as the UTS (w.s.)

Antenna = Aerial

Anti-clockwise = counter-clockwise

Antipollution Industrial Research = AIR, firm of Michael May, designer of HE Fireball cylinder head

Anti-roll Bar = Anti-sway bar, sway bar, stabilizer bar, torsion bar

Anti-sway Bar = Anti-roll bar, sway bar, stabilizer bar, torsion bar

AP = Accelerator Pedal

API = American Petroleum Institute, trade assoc. that establishes motor oil stds.; see ILSAC, ACEA

APP = Accelerator Pedal Position Sensor

APP1 = Accelerator Pedal Position Sensor Resistive Element 1

APP2 = Accelerator Pedal Position Sensor Resistive Element 2

ARB = See CARB

ARC = Active Roll Control

ARHUD = Augmented Reality Head-Up Display (see HUD, LHUD)

ARM = Automatic Restraint Module or Adaptive Restraint Module

Armature = The rotating coil in a generator or electric motor; crash-reinforcement plate in a bumper

ARTS = Adaptive Restraint Technology System

ASC = Adaptive Speed Control, Adaptive Speed/Cruise Control Module (ASCM, ACC, ACCM)

ASCM = Adaptive Speed/Cruise Control Module (ACC, ACCM)

ASE = Automotive Service Excellence, National Institute for Automotive Service Excellence

ASL = Automatic Speed Limiter

ASLS = Automatic Speed Limiter Switch

ASM = Air Suspension Module (ASCM, ASU)

ASME = American Society of Mechanical Engineers Establishes standards such as the UTS (w.s.)

Aspect Ratio = Ratio of height to width, esp. ratio of a tire's section height divided by its section width

ASU = Air Suspension Control Unit (ASCM, ASM)

ASME = American Society of Mechanical Engineers, establishes various industrial standards

ASIS = Adaptive Shift Strategy (TCM shift strategy adaptation based on driving style)

AT, A/T = Automatic transmission

ATC = Automatic Transmission Control or Automatic Temperature Control (see DATC)

ATC = Automatic Temperature Control Module ( A/C CM, A/C ECU, ATCM, CCM, CC ECU)

ATCISO = Automatic Temperature Control ISO bus

ATC = After Top Center, After Top Dead Center (ATDC)

ATCM = Automatic Temperature Control Module (A/C CM, A/C ECU, ATC, CCM, CC ECU)

ATDC = After Top Dead Center, After Top Center (TC)

ATF = Automatic Transmission Fluid

ATMC = Automotive Training Managers Council

ATO Fuse = Standard-size two-blade or spade automotive fuse patented in 1976 by Littelfuse (w.s.)

AUDIO = Audio Unit, Audio Control Unit

Auto Parts Store = Motor Factor

Autobahn = Freeway, Highway, Interstate, Main Road, Motorway, Parkway

Autocalf = Grade of Connolly Leather with embossed grain (see Autolux, Vaumol)

A/V = Audio Visual or Audio/Video

Autolux = Premium grade of Connolly Leather, extra supple with little discernible grain (see Autocalf)

AVC = Automatic Volume Control

AVOM = Analog Volt/Ohm Meter

AWD = All Wheel Drive, all four wheels driven at all times (not to be confused with 4WD)

AWS = Anti-Whiplash System

## **B**

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B Bank = Cylinders 2, 4, 6 or 2, 4, 6, 8; Bank 2; LH Bank

B+ = Battery Positive Voltage, Vbat

B-Pillar = B-Post, narrow structure that connects roof to body behind the front door

B-Post = B-Pillar, narrow structure that connects roof to body behind the front door

Backlight = Rear windscreen/windshield

Badge = Emblem, Medallion; brand, as in Daimler or Vanden Plas

Ballast Resistor = A device that limits the amount of current in an electric circuit

Bank 1 = A Bank; RH Engine cylinder bank (cylinders 1, 3, 5, 7)

Bank 2 = B Bank; LH Engine cylinder bank (cylinders 2, 4, 6, 8)

Bar = Unit of pressure; 1 bar = 100,000 Pa or = 14.5 psi

BAR = Beyond All Repair (see FUBAR)

BARO = Barometric Pressure Sensor

BAT = Battery

BBC = Before Bottom Center, Before Bottom Dead Center (BBDC)

BBDC = Before Bottom Dead Center, Before Bottom Center (BBC)

BBL = Barrel, or orifice, as in 1BBL, 2BBL or 4BBL carburetor

BBS = Germany-based manufacturer of some OE Jaguar wheels

BC = Bottom Center, Bottom Dead Center (BDC)

BDC = Bottom Dead Center, Bottom Center (BC)

Bellows = Tube suggesting a bellows in form, as seen in air intakes, cruise control actuators, etc.

Bezel = A mount, holder or decorative trim for a gauge, lamp, air vent, shifter, switch, door handle, etc.

BFH = Big F\*\*king Hammer, a bashing tool used to “persuade” a stuck part

BHP = Brake Horsepower, Engine power measured by the resistance of an applied brake

Bimetallic Strip = Band of two dissimilar metals bonded together that bends when heated or cooled

Bimetallic Switch = A thermal switch based on the movement of a bimetallic strip, such as an

BIPM = Bureau International des Poids et Mesures, Int’l Bureau of Weights and Measures (IBWM)

Bitumen = Asphalt, sticky black liquid or semi-solid form of petroleum used in insulating materials

Bitumen Board = Black weatherproof board with high bitumen content used in Jaguar interiors

Bearing = Machine part that constrains relative movement and reduces friction between moving parts

BL = British Leyland, (BLMC) result of 1968 merger of British Motor Corp. and Leyland Motor Corp.

Black Box = Flight Data Recorder, data recorder built into ECM (first introduced on X-Type)

BLMC = British Leyland Motor Corporation, result of 1968 merger of BMC and LMC (w.s.)

Bluetooth = International short-range radio standard to replace cables between electronic components

BMC = British Motor Corporation; result of 1952 merger of Austin and Morris

BMH = British Motor Holdings, result of 1966 merger of Jaguar with British Motor Corp. (w.s.)

Bodge = Botch, make a mess of

Body Stripe = Coach Line, Pin Stripe

Boot = Gaiter, a covering of rubber, plastic, or leather that protects against dust & other contamination

Boot = Trunk

Bolster = Trim panel or finishing panel (see Knee bolster, Scuttle, Underscuttle)

Bonnet = Hood

Bolt = An externally-threaded headed fastener used in conjunction with a nut. (see Screw)

Bore Wash = Cylinder Wash (w.s.)

Botch = Bodge, make a mess of

Bottle Cap = Castellated retainer for Jaguar axle castle nuts that resembles a Coke- or beer bottle cap

Bottom Dead Center = Position of piston when it is closest to crankshaft

Box End Wrench or Box Wrench = Ring Spanner

BPM = Body Processor Module, Body Processor Unit (BPU, CPU on XJ40 and earlier cars )

BPMISO = Body Processor Module ISO bus

BPP = Brake Pedal Position, Brake Pedal Position Switch or Sensor

BPU = Body Processor Unit, Body Processor Module

Breaking Capacity = Current at which a fuse melts; I<sub>max</sub>, Interrupting Rating, Short-Circuit Rating

British Imperial = System of measurement units: Inch, Foot, Yard, Mile, Quart, Gallon, Pound (SAE)

British Leyland = (BL), result of 1968 merger of BMC and LMC (w.s.)

British Motor Corp. = (BMC), merged with Jaguar in 1966 to form BMH (w.s.)

British Motor Holdings = (BMH), result of 1966 merger of Jaguar with BMC (w.s.)

British Standard Whitworth = Imperial unit-based thread measurement standard

Brooklands = Twin-aeroscreen arrangement on early Jaguar racing cars

Browns Lane = Post-WWII Jaguar factory in Allesley, Coventry, England

Brush Nylon = Headliner fabric used on Jaguars from 1971 to present

BSD = Blind Spot Detection

BT = Bluetooth

BTC = Before Top Center, Before Top Dead Center (BTDC)

BTDC = Before Top Dead Center, Before Top Center (BTC)

BTU = British Thermal Unit

BTW = "By the way" (OBTW)

BSA = Birmingham Small Arms Co., from whom Jaguar acquired Daimler Co. Ltd. in 1960



Bulkhead = Firewall

Bump = A forum message intended to move a thread to the front page to keep it active

BUS, Communications = A circuit for communication among electronic modules

BUS, Ground/Earth/Common = A common circuit to which multiple components connect

Bush/Bushing, Metal, Ceramic or Plastic = A plain Bearing with no moving parts

Bush/Bushing, Rubber = A vibration isolator, flexible mounting or antivibration mounting

Butterfly Valve = Circular plate in the throttle body that controls flow of intake air

## C

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C = Carbon, Cold, degrees Centigrade/Celsius

C = Coupe or Coupé, as in XJ12C

C-Pillar = C-Post, structure that connects roof to body behind the rear door

C-Post = C-Pillar, structure that connects roof to body behind the rear door

C-Type = Jaguar racing car produced 1951-53, Le Mans winner 1951 & 1953 (also called XK120-C)

CAAT = Council of Advanced Automotive Trainers

CAD = Computer Aided Design

Cadmium = Chemical element Cd, used as a corrosion-resistant coating on Jaguar fasteners & hardware

CAF = Current Air Flow

CAFÉ = Corporate Average Fuel Economy standards mandated by the U.S. government

Callum, Ian = Jaguar Design Director from 1999, responsible for X350, XK (2006), XF, XJ (2010)

Cam Cover = Protective cap on overhead-cam (OHC) engine, see Valve Cover

CAN = Controller Area Network, Bosch-designed comm. protocol (see CAN ISO 15765)

CAN ISO 15765 = Bosch protocol required on all U.S. cars from 2008 (see CAN, ISO 15765 CAN)

Capacitor = Condensor, device that can store electric charge and block DC

Car Park = Parking Lot

Carb = Carburetor, Carburator, Carburettor, Caburetter

CARB = California Air Resources Board, establishes standards that impact automakers worldwide

Castle Bromwich = Birmingham, U.K. factory where Jaguar XF, XJ, XK and F-Type are assembled

Castle Nut = Nut with castellated notches on top for alignment with a Cotter Pin hole in axle or shaft

Castellated Retainer = "Bottle Cap," retainer for Jaguar axle castle nuts that resembles a beer bottle cap

CAT = Catalytic Converter, Catalyst

Catalytic Converter = Catalyst (CAT)

Catalyst = Catalytic Converter or its active element (e.g. Platinum, Palladium, Rhodium) (CAT)

CATS = Computer Active Technology Suspension system (Jaguar adaptation of Wabco ECAS)

CBS = Crankcase Breathing System (EBS)

CC = Climate Control or Cruise Control (SC, Speed Control)

cc = cubic centimeter, (cm<sup>3</sup>), 1/1000 Liter/Litre, 1 cc = 1 ml, a unit of volume or displacement

CCA = Cold Cranking Amperes

CCM = Climate Control Module (A/C CM, A/C ECU, ATC, ATCM, CC ECU)

CCM = Carbon-Ceramic Matrix brakes

CCMCAN = Climate Control Module CAN communications bus

CC ECU = Climate Control Electronic Control Module (A/C CM, A/C ECU, ATC, ATCM CCM)

CCRG = Critical Concerns Review Group, JLR committee that investigates potential recalls (see FRG)

CCV = Coolant Control Valve (DCCV, DCFV, HCV, HWCV, HV, WV)

CCV = Canister Close Valve, EVAP Canister Close Valve

CD = Compact Disc, or in reference to a carburetor, constant depression

CDC = Compact Disc Changer

CDL = Central Door Locking

CDMA = Code Division Multiple Access mobile telephony protocol (see GSM)

CEI = Constant-Energy Ignition, Lucas ignition system employed on Jaguar V12 engines (LCEI)

CEL = Check Engine Light or Lamp (EML, MIL, SEL, SES)

Celstran = Celanese brand of LFRT Polypropylene used in many modern Jaguar components

CFC = Chlorofluorocarbon, such as R-12 refrigerant (see HFC)

cfm or CFM = Cubic Feet Per Minute

CGI = Compacted Graphite Iron (used in 2.7L diesel engine block)

Channellock Pliers = Water pump pliers, slip-joint pliers, tongue-and-groove pliers

Cheers = To wish someone well, thanks, or a formal salutation

CHT = Cylinder Head Temperature

CID = Cubic Inch Displacement, 1 Liter =61.0237 cubic inches

CIP = Cold Inflation Pressure

Circlip = Notched circular flat spring-steel retainer to fit in a slot around a shaft, clevis pin, etc.

CJB = Central Junction Box

CJLR = Chery Jaguar Land Rover Automotive Company Ltd. based in Changshu, China

CKP = Crankshaft Position Sensor (CKPS, CPS) (Jaguar adopted the acronym CKPS from X300 on)

CKPS = Crankshaft Position Sensor (CKP, CPS) (Prior to X300 Jaguar used the acronym CKP)

CL = Closed Loop, ECM controlling fueling in reaction to O2S feedback (see OL)

Clevis Pin = Headed metal dowel fastener with a hole for a Cotter Pin or slot for a Circlip on the end

Clockspring = Device that carries electrical signals to steering wheel components (e.g.airbag, switches)

Closed Loop = ECM controlling fueling in reaction to O2S feedback (CL) (see OL)

CM = Control Module

cm<sup>3</sup> = cubic centimeter (cc), 1/1000 Liter/Litre, 1 cc = 1 ml, a unit of volume or displacement

CMM = Column Memory & Mirror Control Module

CMP = Camshaft Position Sensor (CMPS)

CMP 1 / A = Camshaft Position Sensor 1 / A / RH Bank

CMP 2 / B = Camshaft Position Sensor 2 / B / LH Bank

CMPS = Camshaft Position Sensor (CMP)

CMS = Catalyst Monitor Sensor

CO = Carbon Monoxide

CO Meter = Carbon Monoxide Meter

CO2 = Carbon Dioxide

Coach Line = Pin Stripe, Body Stripe

Coast = Freewheel

Code = Diagnostic Trouble Code or Fault Code

Coil-on-Plug = Each spark plug is fitted with its own ignition coil (COP, On-Plug Ignition Coil)

Common = Circuit to which multiple components connect, Ground/Earth circuit

COMP = Compass

Condenser = Front A/C heat exchanger in which gaseous refrigerant condenses to liquid, releasing heat

Condensor = Capacitor, device that can store electric charge and block DC

Connecting Rod End = Tie Rod End, Track Rod End (steering)

Connellize, Connellizing = misspellings of Connollize, Connollizing

Connollize, Connollizing = Process of colouring or re-colouring leather, named for Connolly Leather

Convertible = Drophead

COP = Coil-on-Plug Electronic Ignition (On-Plug Ignition Coil)

Core Plug = Freeze Plug

Cotter Pin = Split Pin

Cotton Bud = Cotton swab, Q-tip

Cotton Swab = Cotton Bud, Q-tip

Counter-clockwise = anti-clockwise

Coupe or Coupé = A passenger car, traditionally with two doors, but we now see "four door coupes"

Coventry = England headquarters of Jaguar Cars and now Jaguar Land Rover

Cowl = Trim or finisher at base of windshield/rear of hood, steering column finisher, a scuttle

CPCM = Cellular Phone Control Module (CPM)

CPM = Cellular Phone Module (CPCM)

Cps = Cycles-per-second, Hertz 1 cps = 1 Hz

CPS = Crankshaft Position Sensor (CKP, CKPS)

CPU = Central Processing Unit (BPM on X300 and later ????)

CPV = Canister Purge Valve, Evaporative Emissions Canister Purge Valve (EECPV)

Crank Pulley Damper = Crankshaft Damper, Harmonic Balancer or Damper, Vibration Damper

Crankshaft Damper = Crank Pulley Damper, Harmonic Balancer or Damper, Vibration Damper

CRLP = Current Run Line Position

Crocodile Clip = Alligator Clip

Crosshead Screwdriver = Phillips Screwdriver

Crossmember = Subframe

Crown Wheel = Ring Gear

Cruise Control = Speed Control

CSA = Canada Standards Association

CSI = Cold Start Injector

CSTS = Cold Start Thermostime Switch

CT = Closed Throttle or Coolant Temperature, Engine Coolant Temperature (ECT)

CTA VCT = BorgWarner Cam Torque Actuated Variable Camshaft Timing system

CTP = Current Throttle Position or Closed Throttle Position

CTS = Coolant Temperature Sensor (ECT)

CTS = Charge Temperature Sensor (ACT, IAT, IATS, MAT, MCT, VAT)

C-Type = Jaguar racing car produced 1951-53, Le Mans winner 1951 & 1953 (also called XK120-C)

Cubby Box = Glove Box or Glove Compartment

Curb = Kerb

Curb Side = Side nearest the curb for a RHD car, farthest from the curb for a LHD car

Current, Electric = Rate of flow of electric charge in a circuit (Ampere, Amp) see Voltage

CUV = Crossover Utility Vehicle (see F-Pace)

CV Joint = Constant-velocity joint

Cycles-per-second = Unit of frequency, (Hertz, Hz), 1 cps = 1 Hz

Cyl = Cylinder

Cylinder Wash, Washing, Washdown = Loss of compression due to fuel washing oil from the cylinder

C-X17 = Crossover Utility Vehicle concept on which the Jaguar F-Pace CUV is based (X761)

## D

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D = Drive or Daimler

D2B = Digital Data Bus Network, telematics network (fiber/fibre optic; optical fiber)

D-Jetronic = Bosch EFI system, man. by Lucas for Jaguar V12 engines (superseded by Digital P)

D-Pillar = D-Post, structure rearward of C-pillar that connects roof to body, as on an estate car

D-Post = D-Pillar, structure rearward of C-pillar that connects roof to body, as on an estate car

D-Type = Jaguar racing car produced 1954-57, Le Mans winners 1955, '56 and '57

D-Washer Round washer with a flat-sided center hole that resembles the letter D

D/A = Digital-to-Analog

DAC = Digital-to-Analog Converter

DAMB = Direct-Acting Mechanical Bucket tappets

DATC = Dual Automatic Temperature Control, Dual Electronic Automatic Temperature Control

DAB = Digital Audio Broadcast

Daimler = Daimler Co. Ltd., acquired by Jaguar in 1960 from BSA (not Daimler-Benz or Daimler AG)

Daimler Double Six = U.K. badge for 12-cylinder version of XJ40 saloon (XJ12 in the U.S.)

Daimler Sovereign = Jaguar compact sporting saloon produced 1966-68, also known as the Jaguar 420

Da Vina = An advanced computer-based OBD diagnostic system

Damper = Shock Absorber

Damper, Crankshaft = Crank Pulley Damper, Harmonic Balancer or Damper, Vibration Damper

Dash = Dashboard, Facia, Facia Panel

Dashboard = Dash, Facia, Facia Panel

Data Link Connector = The vehicle OBDII connector port (DLC)

DATC = Dual Automatic Temperature Control system

dB = Decibels Unit of sound energy (SPL), electrical power ratio, or ratio of two voltages or currents

DB = Driveshaft Balancer

DBW = Drive-by-wire

DC = Direct Current or Duty Cycle

DCCV = Dual Coolant Control Valve (CCV, DCFV, DFCV, HCV, HWCV, HV, WV)

DCFV = Dual Coolant Flow Valve (DCCV, DFCV, CCV, HCV, HWCV, HV, WV)

DD = Daily Driver

DDM = Driver Door Module, Driver Door Control Module

Dead Battery = Flat Battery

Dead Pedal = Stationary rest for driver's left foot (position may be adjustable)

Dealer/Dealership, Jaguar = Jaguar Main Agent

DEF = Defrost, Defog

Delamination = Separation or splitting of layers of laminated wood in Jaguar steering wheels and panels

Denatured alcohol = Methylated spirit

Department of Transportation = Ministry of Transport (DOT, MOT)

Detonation = Combustion of end-gas after normal combustion (see Pre-ignition, Misfire, Knock)

Dewis, Norman, OBE = Chief Jaguar test driver and development engineer from 1952-1985

DEXRON, DEXRON II, DEXRON III = Automatic Transmission Fluid trademark of GM

DFCV = Dual-flow Coolant Valve (CCV, DCCV, DCFV, HCV, HWCV, HV, WV)

DHC = Drophead or Drop Head Coupe, convertible version of a 2-door coupé (see OTS, Roadster)

DHM = Driver's Head Restraint Module

DI = Direction Indicators, Indicators, Turn Signals

Diaphragm = Flexible membrane separating two cavities, as in a carburetor or hydraulic accumulator

Diaphragm = A flexible disc that vibrates when receiving or producing sound (microphone or speaker)

DIC = Digital Instrument Cluster (Jaguar terminology: Virtual Instrument Cluster)

Diesel Cycle = Thermodynamic cycle invented by Rudolph Diesel (see Otto Cycle)

Diff = Differential (w.s.)

Differential = A gear set that transmits driveshaft power to the axles, typically offset by 90-degrees

Differential Gear Ratio = The number driveshaft/propshaft rotations for each wheel rotation

Digital P = Bosch/Lucas EFI system that replaced D-Jetronic on XJ-S from 1980

DIN = Deutsches Institut für Normung, "German Institute for Standardization," German ISO body

DIN Connector = Standardized electrical connector such as the circular format used for audio signals

Direction Indicators = Indicators, Turn Signals (DI)

Discs = Brake rotors

Divided Highway = Dual Carriageway

DIY = Do It Yourself

DLC = Data Link Connector (the vehicle OBDII connector port)

DMM = Digital Multi-Meter, for measuring voltage, resistance, and more (see VOM, DVOM)

DMS = Driver Monitoring System, Driver Attention-Monitoring System by Seeing Machines & Intel

DMV = Department of Motor Vehicles (U.S. States)

DOHC = Dual or Double Overhead Camshaft (see OHC, Twin Cam, Twin OHC)

Downstream = Later/following in a circuit/system, as in Downstream O2S (Post Cat) (see Upstream)

Door Card = Door Interior Trim Panel

Door-Cap = Top trim piece of door card, often incorporating wood veneer and/or leather in Jaguars

DOT = Department of Transportation, Ministry of Transport (MOT)

Double-Six = 12-cylinder Jaguar XJ saloon

DPF = Diesel Particulate Filter

DPO = Despised Previous Owner of one's Jaguar

Draught Excluder = Moquette-covered trim for door and sunroof opening edges, Weather Seal/strip

DRDM = Driver Rear Door Control Module; Driver Side Rear Door Module

Driveshaft = Propshaft, Propeller Shaft

DRL = Daytime Running Lights

Drophead = Convertible

Drophead Coupe = Convertible version of a 2-door coupe or coupé, see Roadster (DHC)

DS= Driver's Side, Near Side (DS, NS), see Passenger Side

DSC = Dynamic Stability Control, Electronic Stability Control (ESC), DSC Module (DSCM)

DSCM = Dynamic Stability Control Module (DSC, ESC); Driver Seat Control Module (DSM)

DSM = Driver's Seat Control Module or Diagnostic Status Manager (ECM system that triggers DTCs)

DSO = Digital Storage Oscilloscope

DSP = Digital Signal Processing

DTC = Diagnostic Trouble Code (Fault Code, Code)

DTMF Tones = Dual Tone Multi-Frequency tones (related to in-car telephony)

D-Type = Jaguar racing car produced 1954-57, Le Mans winners 1955, '56 and '57

Dual Carriageway = Divided highway



Dumpy Screwdriver = Stubby Screwdriver, short screwdriver

DVD = Digital Versatile Disc

DVOM = Digital Volt/Ohmmeter

Dynamo = Generator (DC), see Alternator

Dynamometer = "Dyno," apparatus for measuring force, torque and power of an engine or powertrain

Dyno = Dynamometer, apparatus for measuring force, torque and power of an engine or powertrain

## E

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E2PROM = Electrically Erasable Programmable Read-Only Memory (see EEPROM)

E-Type = Jaguar range of sports cars produced from 1961 to 1975, E-Type in the U.K., XK-E in the U.S.

EAD = Jaguar Electronic Active Differential (GKN Driveline's ETM, w.s.) (ADC)

EAV = Extra Air Valve

Earth = Ground (see Common)

Earth Bus = Ground Bus, circuit to which multiple components are Earthed/grounded

EBA = Emergency Brake Assist

EBD = Electronic Brake force Distribution system

EBS = Engine Breathing System (CBS)

ECAS = Wabco adaptive air suspension system on which Jaguar CATS and ECATS are based

ECATS = Jaguar Enhanced Computer Active Technology Suspension system (based on Wabco ECAS)

ECM = Engine Control Module (ECU, PCM)

ECMSCP = Engine Control Module Speed Control Processor

Econoseal = Electrical connectors by Tyco Int'l used in many Jaguars (now TE Connectivity)

ECT = Engine Coolant Temperature, Engine Coolant Temperature Sensor (CT, CTS, ECTS)

ECTS = Engine Coolant Temperature Sensor (CT, CTS, ECT)

ECU = Electronic Control Unit, any of several control modules (ABS, CCM, ECM, TCM, etc.)

ECU = Engine Control Unit (ECM, PCM)

EDIS = Ford Electronic Distributorless Ignition System, often retrofitted to classic Jaguars

EECPV = Evaporative Emissions Canister Purge Valve (CPV)

EEPROM = Electrically Erasable Programmable Read-Only Memory (E2PROM)

EFI = Electronic Fuel Injection (see FI)

EFT = Engine Fuel Temperature, Engine Fuel Temperature Sensor (EFTS, FT, FTS)

EFTS = Engine Fuel Temperature Sensor (EFT, FTS)

e.g. = *exempli gratia* (Latin); for example, for the sake of example, such as

EGR = Exhaust Gas Recirculation, EGR Valve

EGR Valve = Exhaust Gas Recirculation Valve (EGRV)

EGRC = Exhaust Gas Recirculation Cooler

EGRT = Exhaust Gas Temperature Sensor (EGRTS, EGT, EGTS)

EGRTS = Exhaust Gas Temperature Sensor (EGRT, EGT, EGTS)

EGRV = Exhaust Gas Recirculation Valve (EGR Valve)

EGT = Exhaust Gas Temperature Sensor (EGRT, EGRTS, EGTS)

EGTS = Exhaust Gas Temperature Sensor (EGRT, EGRTS, EGT)

Electrochromic = Jaguar rear view mirrors by Gentex that dim electronically (see Photochromic)

Electromotive Force = Potential difference between terminals of a source of electrical energy

ELM = An OBD scanning device made by ELM Electronics

ELM327 = OBDII interpreter, Bluetooth scanning device that pairs with the Torque Pro Android app

ELM329 = CAN-only interpreter by ELM Electronics

EM = Engine Management

Emblem = Badge, Medallion

EMC = Electro-Magnetic Interference Control

Emergency Brake = Hand Brake, Handbrake, Parking Brake

EMI = Electromagnetic Interference caused by EMR (see RFI)

EML = Engine Management Lamp or Light (CEL, MIL, SEL, SES)

EMR = Electromagnetic radiation: e.g. radio waves, visible light, etc. (see EMI, RFI, IR, UV)

EMS = Engine Management System

Engine Speed = Rotational speed of engine in rpm, as opposed to Vehicle Road Speed

England, Raymond “Lofty” = ‘50s Jaguar Racing Chief, Jaguar Chairman & Chief Executive 1971-74

Enleanment = The AFR becoming leaner due to ECM action or another cause (e.g. air leak)

Enrichment = The AFR becoming richer due to ECM action or another cause (e.g. clogged air filter)

Entrance Ramp = On Ramp, Slip Road entering a motorway

EOBD = European On Board Diagnostics, equivalent to OBDII, mandatory on petrol cars from 2001

EOBD2 = Marketing-speak for enhanced features beyond OBDII or EOBD requirements

EOC = Engine Overspeed Control, ECM cancellation of fuel injection to prevent engine overspeed

EOP = Engine Oil Pressure or Engine Oil Pressure Sensor

EOT = Engine Oil Temperature or Engine Oil Temperature Sensor (EOTS, OT, OTS)

EOTS = Engine Oil Temperature Sensor (EOT, OT, OTS)

EPA = Environmental Protection Agency (U.S.)

EPAS = Electric Power Assisted Steering

EPB = Electric/Electronic Park/Parking Brake (appears in all permutations in Jaguar literature)

EPB Module = Electric/Electronic Park/Parking Brake Module (PBM)

EPC = Jaguar Electronic Parts Catalog

EPROM = Erasable Programmable Read-Only Memory (see EEPROM)

ESC = Electronic Stability Control, Dynamic Stability Control (DSC)

Escutcheon = An ornamental plate or trim ring around a keyhole, door handle, switch, etc.

ESD = Electrostatic Discharge

ESP = Electronic Stability Program, Bosch technology used in some Jaguars

Estate Car = Shooting-brake, Station Wagon

ETM = Engineering Test Mode

ETM = GKN Driveline’s Electronic Torque Manager differential, Jaguar’s EAD and basis of ADC

E-Type = Jaguar range of sports cars produced from 1961 to 1975, E-Type in the U.K., XK-E in the U.S.

EU = European Union

EVAP = Evaporative Emissions, EVAP Management System (Fuel Vapor/Vapour Management)

EVAP =Canister Evaporative Emissions Carbon/Charcoal Canister

EVAP =Canister Close Valve Evaporative Emission Canister Close Valve

EVAP = Canister Purge Valve Evaporative Emission Canister Purge Valve

EVAPP = Evaporative Emission Control Purge Valve

Evaporator = A/C heat exchanger inside vehicle in which liquid refrigerant boils to gas, absorbing heat

EWP = Electric Water Pump

Exit Ramp = Off Ramp, Slip Road leaving a motorway

Expansion Tank = Header tank (coolant)

EXT = External (as in external air temperature)

Eyelet Terminal = Ring Terminal

## F

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F = Force; degrees Fahrenheit

Facelift = Superficial changes to a current model (see also Redesign)

Facia = Facia Panel, Dash Panel, Dashboard

Facia Panel = Facia, Dash Panel, Dashboard

Fault Code = Diagnostic Trouble Code or "Code"

FAQ = Frequently Asked Questions

FCC = Federal Communications Commission (U.S.)

FEA = Finite Element Analysis, computer study of how a material or design will perform under stress

FEAD = Front End Accessory Drive belt

Fender = Wing

Fender Skirts = Spats

FEM = Front Electronic Module, Front Electronic Control Module

FETM = Front Entertainment Control Module, Front Seat Entertainment Control Module

FFH = Fuel Fired Heater

FHC = Fixed-head coupe, hardtop 2-door coupe with non-removable roof

FI = Fuel Injector or Fuel Injection, petrol injection (PI), see EFI, MFI

Fibremod = LGF polypropylene plastic used in F-Type IP and airbag chute (see Borealis & Borouge)

Final Drive = Mechanism that changes power transmission direction 90 degrees (Pinion & Ring Gear)

Final Drive Ratio = Number of engine rotations for each wheel rotation in a given transmission gear

Firewall = Bulkhead

FIS = Fuel Injection Strategy

FIPC = Fuel Injection Primary Control

FISC = Fuel Injection Secondary Control

Fixed-Head Coupe = Hardtop 2-door coupe (FHC)

Flashlight = Torch

Flat Battery = Dead Battery

Fleece = Lambswool, as used in OE and aftermarket Jaguar rugs or overmats

Flex Disc = (Flexible Coupling, Giubo, Jurid) as incorporated in many Jaguar driveshafts/propshafts

Flex Plate = Connects engine output to torque converter input on car with auto trans (see Flywheel)

Flexible Coupling = Flex Disc, Giubo or Jurid as incorporated in many Jaguar driveshafts/propshafts

Flight Data Recorder = Black Box, data recorder built into ECM (first introduced on X-Type)

FLS = Fuel Level Sensor

Flyover = Overpass

Flywheel = Connects engine output to clutch on car with manual transmission (see Flex Plate)

FMEM = Failure Mode Effect Management (TCM maintains maximum function in the event of a fault)

FMFR = Fuel Mass Flow Rate, Adaptive Fuel Mass Flow Rate

FMVSS = Federal Motor Vehicle Safety Standards (U.S.)

FOB = The security and locking remote control portion of an automotive key

Foot-Pounds = Unit of torque (ft.lbs., ft·lb, lb.ft., lb·ft, Pound-Feet, Nm, N·m, Newton-metre)

Ford = Ford Motor Company, owner of Jaguar Motorcars 1989-2008, OEM of many Jaguar parts

F-Pace = Jaguar's upcoming Crossover Utility Vehicle (CUV)

FP = Fuel Pump

FPaid = Front Parking Aid

FPCV = Fuel Pressure Control Valve

FPDB = Front Power Distribution Box, Front Power Distribution Fuse Box

FPR = Fuel Pressure Regulator or Fuel Pump Relay

FPS = Fuel Pressure Sensor

Freeway = Autobahn, Highway, Interstate, Main Road, Motorway, Parkway

Freewheel = Coast

Freeze Plug = Core Plug

Freon = Registered trademark of DuPont applied to R-12 refrigerant used in older A/C systems

FRG = Field Review Group, JLR internal committee that reviews potential recalls per CCRG (w.s.)

FRP = Fuel Rail Pressure or Fuel Rail Pressure Sensor

FSU = Fuel Supply Unit

FTP = Fuel Tank Pressure Sensor

FT = Fuel Trim, Fuel Temperature

ft. lb. or ft·lb = Foot-pounds, unit of torque (lb.ft., lb·ft., Pound-Feet, Nm, N·m, Newton-metre)

FTLT= Fuel Trim Long Term

FTS = Fuel Temperature Sensor (EFT, EFTS)

FTST = Fuel Trim Short Term (STFT, SHRTFT)

F-Type = Jaguar sports car range produced from 2013

FUBAR = F\*\*ked Up Beyond All Repair (see BAR)

Fuel Wash = Cylinder Wash

Furflex = Moquette-covered rubber piping or U-channel clip-on edge trim or “draught excluder”

Fuse = Current-sensitive device that melts under current overload to protect other circuit components

FVCV = Fuel Volume Control Valve

FWD = Front Wheel Drive (see RWD)

## G

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g/sec = Grams-per-second, unit of airflow measured by the MAFS

Gaiter = Boot, a covering of rubber, plastic, or leather that protects against dust & other contamination

gal or GAL = Gallon(s)

Gallon, Imperial or British Imperial = 4.546 Liters = 1.2 U.S. Liquid Gallon

Gallon, U.S. Liquid Gallon = 3.79 Litres = 0.8337 Imperial Gallon

Gas = Gasoline, Petrol; any gaseous substance

Gasket = Rubber, plastic, metal, leather or cloth seal for mating surfaces between two or more parts

Gasoline = Fuel, Petrol

Garage = Shop, Repair Shop

Gaydon = Jaguar Land Rover Gaydon Centre, principal engineering headquarters

GDO = Garage Door Opener

Gearbox = Transmission, Trans, Trannie, Box

Gedore = Germany-based OEM of adjustable wrenches in Jaguar tool kits

Gel Cell = Type of VRLA battery in which silica dust is added to the electrolyte to form a paste

GEM = Generic Electronic Module, Bosch ECU for ZF Servotronic electronic steering racks

Generator = Alternator (AC) or Dynamo (DC)

Girling, Albert H. = Inventor of SS & Jaguar drum and disc brake systems manufactured by Lucas

Giubo = Flex Disc, Flexible Coupling, Jurid, named for inventor Giunti Boschi, often misspelled Guibo

Global Opening/Closing = Opening/closing all doors, windows, sunroof/moonroof with key or remote

Glove Box = Glove Compartment or Cubby Box

Glove Compartment = Glove Box or Cubby Box

GND = Ground, Earth

GOR = Grille Opening Reinforcement

GPC = Glow Plug Control

GPC = Glow Plug Control Module

GPL = Glow Plug Lampe

GPS = Global Positioning System (Sat Nav) (see NAV, NCM)

Grommet = Ring or eyelet, often a rubber ring that protects wires passing through a hole in a metal part

Ground Bus = Earth Bus, circuit to which multiple components are grounded/Earthed

Ground = Earth (see Common)

Grub screw = Allen screw, Set screw

GSM = Group Spécial Mobile/Global System for Mobile Communications mobile telephony standard

GT = Grand Touring car, a 2-door in the coupe/convertible style designed for comfort and high speed

GTR = Global Technical Resource, Jaguar online resource for dealers and technicians, now TOPIx

Gudgeon Pin = Wrist Pin, piston-to-connecting rod pin

Guibo = Misspelling of Giubo

GVW = Gross Vehicle Weight

GWM = Gateway Module

GYRO = Gyroscope, Gyroscopic Sensor

## H

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H = Hot

Half-axle = Half-shaft, Sideshaft, connects differential, transaxle or transfer case/box to wheel

Half-shaft = Half-axle, Sideshaft, connects differential, transaxle or transfer case/box to wheel

Hall Effect = Voltage generated in a conductor carrying an electric current when near a magnetic field

Hall Effect Sensor = A sensor that uses the Hall Effect to provide a variable electric signal

Hand Brake = Handbrake, Emergency Brake, Parking Brake

Hardura = Jute felt-backed grain-embossed PVC vinyl-faced material used for Jaguar interior parts

Harmonic Balancer = Crankshaft Damper, Crank Pulley Damper, Harm. Damper, Vibration Damper

Harmonic Damper = Crankshaft Damper, Crank Pulley Damper, Harm. Balancer, Vibration Damper

Harness = Loom Wiring Harness

Harrison = Brand of A/C compressors used in some Jaguars (frmly. Div of AC Delco, now Delphi)

Hassan, Walter "Wally" = Ex-Bentley engineer who helped design the Jaguar Twin-OHC XK engine

HC = Hydrocarbons

HCM = High Speed CAN Network Module

HCV = Heater Control Valve (DCCV, DCFV, CCV, HWCV, HV, WV)

HD = Heavy Duty

Header = Exhaust manifold



Header Tank = Expansion tank (coolant)

Heat Exchanger Transfers heat from one fluid to another: radiator, oil cooler, intercooler, condenser

HE = Hall Effect or High Efficiency

HEGO = Heated Exhaust Gas Oxygen sensor (O<sub>2</sub>S, HO<sub>2</sub>, HO<sub>2</sub>S, Lambda Sensor, UHEGO)

HEI = High-Energy Ignition

Hertz = Unit of frequency, cycles-per-second, (Hz), 1 Hz = 1 cps

HES = Hall Effect Sensor

Heynes, William "Bill" = Principal designer of the Jaguar Twin-OHC XK engine, with Wally Hassan

HFC = Hydrofluorocarbon, such as R-134a refrigerant (see CFC)

HFO-1234yf = New EPA-approved DuPont/Honeywell refrigerant that may replace R-134a (1234yf)

HFS = Heated Front Screen (see HRS)

Hg = Mercury (see inHg)

HID = High Intensity Discharge, High Intensity Discharge Headlamp

Hide = Leather used in Jaguar interiors (see Autolux, Autocalf)

High Tension Leads = Spark Plug Cables or Wires

Highway = Autobahn, Freeway, Interstate, Main Road, Motorway, Parkway

HLM = Headlamp Leveling Module

HMI = Human Machine Interface

HMSL = High Mounted Stop Lamp

HO<sub>2</sub> = Heated Oxygen Sensor (HEGO, HO<sub>2</sub>S, O<sub>2</sub>, O<sub>2</sub>S, Lambda Sensor, UHEGO)

HO<sub>2</sub>S = Heated Oxygen Sensor (HEGO, HO<sub>2</sub>, O<sub>2</sub>, O<sub>2</sub>S, Lambda Sensor, UHEGO)

HO<sub>2</sub> Sensor 1 / 1 = Heated Oxygen Sensor – RH Bank or Bank 1 / Upstream

HO<sub>2</sub> Sensor 1 / 2 = Heated Oxygen Sensor – RH Bank or Bank 1 / Downstream

HO<sub>2</sub> Sensor 2 / 1 = Heated Oxygen Sensor – LH Bank or Bank 2 / Upstream

HO<sub>2</sub> Sensor 2 / 2 = Heated Oxygen Sensor – LH Bank or Bank 2 / Downstream

Hood = Bonnet, or convertible top

HP = Horsepower, a measure of power. 1 HP = 550 foot-pounds per second, or 745.7 watts

HRS = Heated Rear Screen (see HFS)

HS = High Speed

HSMO = Hydraulic System Mineral Oil

HSW = Heated Steering Wheel

HT or H.T. = High Tension

HT Leads = Spark Plug Cables or Wires

HU = Head Unit, Audio/Video System Head Unit

Hubcap = Nave Plate

HUD = Head-Up or Heads-Up Display (see ARHUD, LHUD)

HVAC = Heating Ventilation and Air Conditioning

HWCV = Heater Water Control Valve (DCCV, DCFV, CCV, HV, WV)

HWP = Heated Wiper Park

HYCYOSTY = "Have you changed your original secondary tensioners yet?" (X308 necessity)

Hz = Hertz, unit of frequency, cycles-per-second, 1 Hz = 1 cps



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I = Symbol for Current in electronics equations

I6 = Inline six-cylinder engine, Straight Six engine

IA = Intake Air

IAC = Idle Air Control or Idle Air Control Valve (IACV), see also ISC, ISCM, ISSM

IACV = Idle Air Control Valve (IAC), see also ISC, ISCM, ISSM

IAT = Intake Air Temperature, Intake Air Temperature Sensor (IATS, ACT, CTS, MAT, MCT, VAT)

IATS = Intake Air Temperature Sensor (IAT, ACT, CTS, MAT, MCT, VAT)

IBWM = Int'l Bureau of Weights and Measures, Bureau International des Poids et Mesures (BIPM)

IC = Instrument Cluster (IP, IPK, ICCM), Internal Combustion, Industry/Industrie Canada, integrated circuit

ICCM = Instrument Control Center Module (IC, IP, IPK)

ICE = In-Car Entertainment System

ICM = Ignition Control Module (ICU)

ICU = Ignition Control Unit (ICM)

ID or I.D. = Identification, or Inside Diameter (see OD)

Idle = Tick Over, or the engine speed at idle

IDM = Injector Driver Module

IDS = Integrated Diagnostic Software, Ford/JLR computer-based diagnostics (See PDU, SDD, WDS)

i.e. = id est (Latin): that is, that is to say

IFS = Independent Front Suspension

IG = Ignition

IGN = Ignition

IIABDFI = "If It Ain't Broken Don't Fix It" (IIIBDFI)

IIRC = "If I recall correctly"

IIIBDFI = "If It Isn't Broken Don't Fix It" (IIABDFI)

ILSAC = Int'l Lubricant Standardization & Approval Committee, motor oil standards, see ACEA, API

I<sub>max</sub> = Current at which a fuse melts; Breaking Capacity, Interrupting Rating, Short-Circuit Rating

Impeller = Bladed rotor for transmitting motion to a fluid, as in a water pump, torque converter, etc.

Imperial = British Imperial measurement units: Inch, Foot, Yard, Mile, Quart, Gallon, Pound (SAE)

IMT = Intake Manifold Tuning Valve (see VIS)

IMT = Valve Intake Manifold Tuning Valve; Valve 1 = Top, Valve 2 = Bottom

IMHO = In my humble opinion

IMO = In my opinion

IMT = Intake Manifold Tuning Valve, LH or RH (LHIMT, RHIMT)

In Good Nick = In good condition

Indicators = Direction Indicators, Turn Signals, Signals (DI)

inHg = Inches of Mercury, unit of pressure, measure of engine manifold vacuum, 1 inHg = 3386.389 Pa

Inline Six = Straight Six engine (I6)

Interactive Voice = Jaguar voice-recognition control system

Interstate = Autobahn, Freeway, Highway, Main Road, Motorway, Parkway

Interrupting Rating = Current at which a fuse melts; I<sub>max</sub>, Breaking Capacity, Short-Circuit Rating

Int'l = International

I/O = Input/Output

IP = Injection Pressure, Injector Pressure Sensor, Fuel Injection Pressure Sensor

IP or I/P = Instrument Pack or Panel (IC, ICCM, IPK)

IPC = Ignition Primary Control (see ISC)

IPD = Injector Pulse Duration (On Time, Pulsewidth, Pulse Width)

IPDA = Definition not yet known, probably diesel-related; from p. 208 of X350 Owner's manual

IPR = Ignition Positive Relay

IPS = Injection Pressure Sensor, Fuel Injection Pressure Sensor

IPK = Instrument Pack (IC, IP)

IR = Infrared, radiant energy/EMR with wavelengths longer than visible light (see EMR, UV)

IRS = Independent Rear Suspension, Jaguar's, designed by Bob Knight, is one of the world's best

IS = Inertia Switch, Intrusion Sensor or Intrusion Sensor Module (ISM)

ISC = Idle Speed Control (see also IAC, IACV, ISCM, ISSM)

ISC = Ignition Secondary Control (see IPC)

ISCM = Idle Speed Control Motor (ISSM), see also ISC, IAC, IACV

ISM = Intrusion Sensor Module (IS)

ISR = Idle Speed Reference

ISSM = Idle Speed Stepper Motor (ISCM), see also IAC, IACV, ISC, ISCM)

ISO = International Standards Organization, establishes various industrial standards

ISO = Serial Data Link Network (ISO 9141)

ISO Relay = Relay conforming to ISO automotive relay standards (ISO, Mini ISO & Micro ISO sizes)

ISO 9001 = Fundamental quality management systems & standards for automotive makers & suppliers

ISOFIX = Child safety seat restraint system

ISO 15765 CAN = Bosch protocol required on all U.S. cars from 2008 (see CAN, CAN ISO 15765)

ISO/TS 16949 = Quality assurance standard for OEM parts suppliers that superseded QS9000

ISO 9141 = Serial Data Link Network

ISU = International System of Units (SI)

ITA = Ignition Timing Advance (measured in degrees)

IVT = In-Vehicle Temperature, In-Vehicle Temperature Sensor (see IVTH, IVTS, IVTHS)

IVTH = In-Vehicle Temperature and Humidity, In-Vehicle Temperature and Humidity Sensor

IVTHS = In-Vehicle Temperature and Humidity Sensor (IVT, IVTH, IVTS)

IVTS = In-Vehicle Temperature Sensor (see IVT, IVTH, IVTHS)

## J

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JADE = Jaguar Alive Driving Experience

JAG = Jaguar Association Germany

JagNet = Vehicle Emergency Messaging System (VEMS)

JaguarSport = Joint venture between Jaguar and TWR to create the XJ40 XJR models

JaguarVoice = Voice Activated Control system, see VAC, VACM

JCCT = Jaguar Car Club of Tasmania

JCNA = Jaguar Clubs of North America

JDC = JaguarDrive Control, Jaguar Driver's Club

JDCA = Jaguar Driver's Club of Australia

JDCSA = Jaguar Driver's Club of South Australia

JDHT = Jaguar Daimler Heritage Trust

JDS = Jaguar Diagnostic System

JGM = J-Gate Module, gear selector module

JDS = JaguarDrive Selector

JIL = Jaguar Innovation Lab, fictional laboratory featured in Jaguar television commercials

j/k = Just kidding

JLR = Jaguar Land Rover

JLRA = Jaguar Land Rover Australia

JOBD = Japan On Board Diagnostics, a version of OBDII for vehicles sold in Japan

JOC = Jaguar Owners Club

JPCS = Jaguar Pedestrian Contact Sensing

JPDA = Jaguar Performance Driving Academy

JSS = Jaguar Sequential Shift

JTB = Jaguar Technical Bulletin (TSB)

JTIS = Jaguar Technician Information System, computer-based Workshop Service Manuals

JTRS = Jaguar Tyre Repair System

Jubilee Clamp or Clip = Worm-drive hose clamp, generic term derived from U.K.-based Jag OEM Jubilee

Jump = Jump Start, Boost

Jump Leads = Jumper Cables, Booster Cables

Jump Start = Boost, to supplement a dead/flat battery by connecting to the battery of another vehicle

Jumper Cables = Jump Leads, Booster Cables

Jurid = Flexible Coupling, Flex Disc, Giubo; named for the early manufacturer Jurid Werke (w.s.)

## K

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K = degrees Kelvin

KAM = Keep Alive Memory

KC = Knock Control

KD = Kick Down or Kickdown

KDS = Kick Down or Kickdown Switch

Kerb = Curb

Kerosene = Paraffin

KERS = Kinetic Energy Regeneration System

Key, Woodruff = Half-moon shaped tab that aligns and connects a gear or pulley to a drive shaft

Kg = Kilogram, unit of mass commonly also used as unit of weight, 1000 grams, 1 kg = 2.2 pounds

kHz = kilo-Hertz, one-thousand Hertz

Kickdown = Wide Open Throttle accompanied by a gear downshift for overtaking/passing

Kickdown Switch = Usually associated with Accelerator Pedal mechanism, initiates Kickdown

Kilogram = kg, unit of mass commonly also used as unit of weight, 1000 grams, 1 kg = 2.2 pounds

KISS = Keep It Simple, Stupid

km/h = Kilometers Per Hour (see mph)

kmpl = Kilometers Per Litre, a measure of fuel economy (see mpg, l/100km)

Knight, Robert "Bob" = Master Jaguar chassis engineer, designer of the renowned Jaguar IRS

Knock = Audible indication of Misfire, Detonation or Pre-ignition

Knockoffs, Octagonal "Safety" = Wheel hub nuts fitted to wire-wheeled Jaguars from 1968

Knockoffs, "Two-eared or winged" = Rudge-Whitworth hub nuts fitted to wire-wheeled Jags to 1968

Knuckle = Suspension component that locates front stub axle or rear hub (see Steering Knuckle)

kPa = Kilopascal(s), 1 kPa = 1000 Pascals

KS = Knock Sensor or Knock Sensing; KS 1 = RH Bank or Bank 1; KS 2 = LH Bank or Bank 2

KTM = Key Transponder Module

kV = Kilovolt(s), 1 kV = 1000 Volts

KWP = Keyword Protocol (a form of OBD)

## L

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L = Liter or Litre, unit of volume or displacement, 1 L = 1.05669 qt. or 61.0237 cubic inches

L = Long Wheel Base as in XJ8L (LWB)

L/100km = Litres Per 100 Kilometers, a measure of fuel economy (see mpg, kmpl)

Lag = Delay in response to an input, such as Fuel Injector Lag

Lambda ( $\lambda$ ) = Air-Fuel Equivalence Ratio = AFR/Stoichiometric AFR (for gasoline/petrol  $1\lambda = 14.7:1$ )

Lambda Sensor = Oxygen Sensor (O2, O2S, HO2, HO2S)

Lambswool = Fleece, as used in OE and aftermarket Jaguar rugs or overmats

Lawson, Geoff = Jaguar Design Director 1989-1999 (XJ220, X300, XK8, S-Type, X-Type)

lb. = Pound, unit of weight, 1 pound = 0.453592 kilogram

lb. ft. or lb·ft = Pound-Feet, unit of torque (ft. lb., ft·lb, Foot-Pounds, Nm, N·m, Newton-metre)

LCD = Liquid Crystal Display

LCEI = Lucas Constant-Energy Ignition, ignition system employed on Jaguar V12 engines (LCEI)

LCM = Level Control Module (ADHLS), Lamp Control Module or Lighting Control Module

Lead Substitute = Added to unleaded fuel to reduce valve seat wear in engines designed for leaded fuel

Lean = AFR with too much air and/or too little fuel, Lambda ( $\lambda$ ) > 1 (see Rich)

Leaper = The Jaguar leaping cat trademark, especially in hood/bonnet ornament form

LED = Light-Emitting Diode

Leyland Motor Corp. = LMC, merged with BMH in 1968 to form British Leyland (w.s.)

LFRT = Long-Fiber Reinforced Thermoplastic, used in many Jaguar parts (Celstran)

LGF = Long Glass Fiber (used to reinforce plastics, see Fibremod, Borealis and Borouge)

LH = Left Hand, Left Hand Side, typically referenced from the driver's seat facing forward

LHD = Left Hand Drive

LHIMT = Left-Hand Intake Manifold Tuning Valve, (see IMT, RHIMT)

LHLCM = Left Hand Level Control Module (ADHLS L)

LHM = Limp Home Mode, permits driving while reducing risk of engine or transmission damage (RP)

LHUD = Laser Head-Up Display (see ARHUD, HUD)

LHS = Left Hand Side, typically referenced from the driver's seat facing forward

License Plate = Number Plate

Limp Home Mode = Restricted performance, impaired transmission function due to a fault (LHM, RP)

Limp Mode = Limp Home Mode

Liter / Litre = L or l, unit of volume, 1 L = 1.05669 qt.

LKA = Lane-Keeping Assistance (see ADAS, Mobileye, Gentex)

LKAS = Lane-Keeping Assistance and Support (see ADAS, Mobileye, Gentex)

Lock Washer = Spring Washer, Helical Spring Lock Washer

LONGFT = Long Term Fuel Trim (FTLT, LTFT)

Loom = Wiring Harness, Harness

Lorry = Truck

LPG = Liquefied Petroleum Gas or Liquid Petroleum Gas

LSD = Limited-Slip Differential



LTAI = Long Term Adaptive Idle (see also STAI)

LTFT = Long Term Fuel Trim (FTLT, LONGFT)

LTI = Long Term Idle adaptation (see STI)

Lug Nut = Wheel Nut

LUMP = "Less Upkeep More Power," slogan of Chevy engine conversion advocates

Luxan = Dye-enhanced-grain grade of Connolly Vaumol leather (see Autolux, Autocalf)

LW = Long Waveband (see MW)

LWB = Long Wheel Base, indicated by "L" in model name, such as XJ6L (see SWB, WB)

Lyons, Sir William = "Mr. Jaguar," co-founder of Jaguar Cars with William Walmsley

## M

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M = Meter/Metre

M = Mass; U.S. terminology of SE version of XK120

M = Position Memory set button (for seats, steering wheel, pedals, exterior mirrors, etc.)

MACS = Mobile Air Conditioning Society

MAF = Mass Air Flow Sensor (AFM, AMS, MAFS, MAS)

MAFS = Mass Air Flow Sensor (AFM, AMS, MAF, MAS)

mA·h or mAh = milliamp-hour, 1/1000 of an ampere-hour, unit of battery power/discharge interval

Main Agent, Jaguar = Jaguar Dealer/Dealership

Main Road = Autobahn, Freeway, Highway, Interstate, Motorway, Parkway

MAP = Manifold Absolute Pressure Sensor or Motorist Assurance Program (AMRE)

Mark 1 = Jaguar 2.4L and 3.4L saloons produced 1955-59 (known as Mark 1 after Mark 2 introduced)

Mark 2 = MK 2, Jaguar medium-sized saloon produced 1959-67

Mark V = Pronounced "Mark Five," large Jaguar luxury saloon produced 1948-51

Mark VII = Pronounced "Mark Seven," large Jaguar saloon produced 1951-56, successor to Mark V

Mark VIII = Pronounced "Mark Eight," large Jaguar saloon produced 1956-58, successor to Mark VIII

Mark IX = Pronounced "Mark Nine," large Jaguar saloon produced 1959-61, successor to Mark IX

Mark X = "Mark Ten," full-size Jaguar saloon produced 1961-70, renamed 420G in 1966

MAS = Mass Airflow Sensor (AFM, AMS, MAF, MAFS)

Mass = Amount of matter in a body, does not vary with altitude but commonly equated with Weight

MAT = Manifold Air Temperature Sensor (ACT, CTS, IAT, IATS, MCT, VAT)

MAX = Maximum

May Fireball Engine = Michael May designed High-compression stratified charge V12 HE head (AIR)

May, Michael = Designer of Jaguar V12 HE high-compression stratified charge cylinder head (AIR)

MCCM = Message Control Center Module

MCP = Multimedia Control Panel

MCT = Manifold Charge Temperature Sensor (ACT, CTS, IAT, IATS, MAT, VAT)

Mechatronics = Field combining mechanical, electrical, telecomm, control & computer engineering

Medallion = Badge, Emblem

Mega Fuse = Fuse with a very high I<sub>max</sub>

MegaSquirt = Customizable aftermarket EFI control system by Bruce Bowling and Al Grippo

MEM = Memory, as in stored radio station, seat position, etc.

Metalastik = Trademarked rubber/metal bonded anti-vibration isolation bushes by Trelleborg AB

Meter, Metre = m, Unit of length, 1 m = 39.3701 inches or 1.09361 yards

Methylated spirit = Denatured Alcohol

Metre, Meter = m, Unit of length, 1 m = 39.3701 inches or 1.09361 yards

MFI = Mechanical Fuel Injection

MIL = Malfunction Indicator Lamp (CEL, EML, SEL, SES)

Milometer or Mileometer = Odometer (ODO)

MIN = Minimum

Mini-lite = U.K.-based maker of alloy wheels retro-fitted to classic racing Jaguars

Ministry of Transport = Department of Transportation (MOT, DOT)

Misfire = Combustion failure in a cylinder due to malfunction with fuel, spark, timing, etc.

Mistry, Cyrus P. = Current Chairman of the Tata Group, including Tata Motors/JLR

MK 2 = Mark 2, Jaguar medium-sized saloon produced 1959-67

ml = milliliter/milliliter, 1/1000 Liter/Litre, 1 ml = 1 cc, a unit of volume or displacement

ML/kM = Mile/kilometer selector for instrument panel display units

mm = millimeters

Mohair = Angora goat fleece textile used in classic Jaguar convertible tops & tonneaus (Wigan cloth)

Mole Grips Pliers = Vise Grips Pliers

MON = Motor Octane Number, a fuel performance rating system; see RON, (R+M/2), AKI

Mongoose = OBDII-to-USB serial communications gateway adapter cable for use with JLR SDD

Monocoque = Unibody

Moonroof = Roof window with a glass panel that may or may not open to the air (see Sunroof)

Moquette = Short-nap woolcloth with velour-like surface used in Jag interiors and on draught excluders

MOT = Ministry of Transport, Department of Transportation (MOT, DOT)

Moto-Lita = U.K.-based maker of classic wood-rim OE and aftermarket Jaguar steering wheels

Motor Factor = Auto Parts Store

Motorway = Autobahn, Freeway, Highway, Interstate, Main Road, Parkway

Montreal Protocol = Int'l treaty on ozone protection effective 1989 that prompted R-12 phase-out

mpg = Miles Per Gallon, a measure of fuel economy (see kmpl, l/100km)

mph = Miles Per Hour (see km/h)

MPS = Manifold Pressure Sensor

MSDT = Material Safety Data Sheet

MT or M/T = Manual Transmission

MTBE= Methyl Tertiary Butyl Ether, an oxygenate used to enhance unleaded fuel octane rating

ms = Millisecond, 1 ms = 1/1000 second

Muffler = Silencer

mV = millivolt(s), 1 mV = 1/1000 volt

MW = Medium Waveband (see LW)

MY = Model Year

# N

---

N = Neutral or Nitrogen

NA or N/A = Normally (or Naturally) Aspirated (as opposed to Supercharged or SC), or Not-Applicable

NATEF = National Automotive Technician's Education Foundation

NAV = Navigation System, Navigation Control Module (NCM, GPS)

Nave Plate = Hubcap

NAS = North American Specification

NC or N.C. = Normally Closed (see NO)

NCM = Navigation Control Module (NAV)

Near Side = Driver's Side (NS, DS), see Off Side

New Old Stock = Unused older manufacture as opposed to modern reproduction (NOS)

Newton Metre = Unit of torque (ft.lbs., ft·lb, lb.ft., lb·ft, Foot-Pounds, Pound-Feet, Nm, N·m)

NHTSA = National Highway Travel Safety Administration (U.S.)

NIASE = National Institute for Automotive Service Excellence, commonly known by ASE

Nick, In Good Nick = In good condition

Nikasil = Electrodeposited lipophilic nickel matrix silicon carbide; problematic cylinder coating

NLA = No Longer Available (seen in Jaguar parts listings)

Nm or N·m = Newton-metre Unit of torque (ft.lbs., ft·lb, lb.ft., lb·ft, Foot-Pounds, Pound-Feet)

NO or N.O. = Normally Open (see NC)

NOS = New Old Stock, unused older manufacture as opposed to modern reproduction

NOX or NO<sub>x</sub> = Oxides of Nitrogen, collectively Nitrogen Monoxide (NO) & Nitrogen Dioxide (NO<sub>2</sub>)

NS = Near Side

NSD = Neutral Sense Diode

NTC = Negative Temperature Coefficient

Number Plate = License Plate

Nut = An internally-threaded fastener, typically with a hex-shaped perimeter, used with a bolt or stud.

NVH = Noise, Vibration and Harshness

Nyloc Nut = Nut with a deforming Nylon insert that resists loosening due to vibration or shaft rotation

Nylock = Misspelling of Nyloc

Nylon = DuPont trademark for family of aliphatic polyamide thermoplastics first produced in 1935

Nylon, Brush = Brush Nylon headliner fabric used in Jaguars from 1971 to present

## O

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O<sub>2</sub> = Oxygen, at STP, two atoms bind to form dioxygen, with the chemical formula O<sub>2</sub>

O<sub>2</sub>S = Oxygen Sensor (O<sub>2</sub>, H<sub>0</sub>2, H<sub>0</sub>2S, Lambda Sensor)

O<sub>2</sub>S, Narrowband = Older sensor that responds to narrow AFR range, Lean/Stoic/Rich

O<sub>2</sub>S, Wideband = Newer sensor that responds to wide AFR range and eliminates lean-rich cycling

OBD = On Board Diagnostics

OBD I = On Board Diagnostics, first generation CARB standards, implemented on Jaguars 1991-'94

OBD II = On Board Diagnostics, second generation CARB standards, implemented on Jags from 1995

OBTW = "Oh, By The Way" (BTW)

O/C = Open Circuit

OCC = Oil Catch Can

OCS = Occupant Classification System

OCSCM = Occupant Classification Sensor Control Module (seat weight sensor)

OD or O.D. = Outside Diameter (see ID)

O/D or OD = Overdrive

ODO = Odometer, milometer or mileometer

Odometer = Milometer or mileometer (ODO)

ODST= On Demand Self Test (a function in IDS, WDS or SDD)

OE = Original Equipment, part or component fitted to new vehicles at Jaguar factory

OEM = Original Equipment Manufacturer/Manufacture, may be Jaguar or a third party vendor

OFC = Overrun Fuel Cutoff, ECM cancellation of fuel injection during engine overrun conditions

Off Ramp = Exit Ramp, Slip road leaving a motorway

Off Side = Passenger Side (OS, PS), see Near Side

OHC = Overhead-cam, design used on Jaguar engines, see SOHC, DOHC, OHV

OHV = Overhead-valve engine design, see OHC

Oil Pan = Sump

OL = Open Loop, ECM controlling fueling based on stored maps rather than O2S feedback (see CL)

On Ramp = Entrance Ramp, Slip Road entering a motorway

On Time = Duration of fuel injector opening, controlled by ECM (IPD, Pulsewidth, Pulse Width)

On-Plug Ignition Coil = Each spark plug is fitted with its own ignition coil (COP)

OP = Original Poster or Post in a forum thread

Open Loop = ECM controlling engine by stored fueling maps rather than O2S feedback (OL) (see CL)

OPUS = Oscillating Pick-Up System, Lucas ignition system employed on Jaguar V12 engines

ORVR = On-Board Refueling Vapor/Vapour Recovery (part of the X308 EVAP system)

OS = Off Side, passenger side (see Near Side), or Oxygen Sensor

OSH = Oxygen Sensor Heater

OSS = Occupancy Sensing System

OT = "Off Topic;" Oil Temperature or Oil Temperature Sensor (EOT, EOTS, OTS)

OTS = Oil Temperature Sensor (EOT, EOTS, OT); Other Than Sedan; Open Two-Seater

Otto Cycle = 4-stroke thermodynamic cycle used in most gas/petrol auto engines (see Diesel Cycle)

Overmat = Footwell rug or carpet mat

Overpass = Flyover

Overrider or Over Rider = Projection mounted to bumper to prevent interlocking with another vehicle

OZRA = Upgraded version of GM400 automatic transmission used in Jaguar XJR-S

# P

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P = Park

Pa = Pascal or Pascals

PACM = Parking Aid Control Module (PAM)

PAD = Passenger Airbag Deactivation (lamp)

PADi = Passenger Airbag Deactivation indicator lamp, PAD lamp

PAG = Polyalkylene Glycol (oil), a principal lubricant for air conditioning compressors

PAM = Parking Aid Module (PACM)

Paraffin = Kerosene

Parking Brake = Hand Brake, Handbrake, Emergency Brake

Parking Lot = Car Park

Parkway = Autobahn, Freeway, Highway, Interstate, Main Road, Motorway

PAS = Parking Aid System, Power-Assisted Steering (PS)

PASCM = Power-Assisted Steering Control Module (Servotronic, Servotronic 2, VAPS)

Pascal = (Pa), Unit of pressure, one newton per square metre; 1 Pa = 0.00001 bar or = 0.000145 psi

Passenger Side = Off Side (PS, OS), see Driver's Side

PATS = Passive Anti-Theft System

PB or P/B = Power Brakes, Power-assisted Brakes (PAS)

PBA = Panic Brake Assist

PBM = Parking Brake Module (EPB)

PCB = Printed Circuit Board

PCM = Powertrain Control Module (ECM, ECU)

PCMISO = Powertrain Control Module ISO bus

PCMPTEC = Powertrain Control Module, Security (PATS), Throttle Electronics Module

PCSS = Pedestrian Contact Sensing System

PCV = Positive Crankcase Ventilation

PDBS = Pedestrian Deployable Bonnet System

PDC = Park Distance Control, Park Distance Control Sensor

PDI = Pre-Delivery Inspection (performed by Jaguar dealer)

PDM = Passenger Door Control Module

PDU = Portable Diagnostic Unit, a Jaguar dealer-level diagnostic tool (see IDS, SDD, WDS)

PDWA Valve = Pressure Differential Warning Actuator valve, activates brake pressure warning lamp

PECUS = Programmable Electronic Control Units (market specific ECU variants)

Petrol = Petroleum Spirit, Fuel, Gasoline

Phillips Screwdriver = Crosshead Screwdriver

PHM = Passenger Head Restraint Module

Photochromaic = Misspelling of Photochromic

Photochromatic = Misspelling of Photochromic

Photochromic = Rearview mirror that auto-dims in response to ambient light (see Electrochromic)

PI = Petrol injection, fuel injection, radio Program Identification

Pico = Powerful automotive diagnostics system from Pico Technology

PID = Parameter ID

PIN = Personal Identification Number

Pinpoint Diagnostic = Measurement of a specific conductor or circuit (e.g. voltage, resistance, short)

Pin Stripe = Coach Line, Body Stripe

PJB = Passenger Junction Box

PKE = Passive Keyless Entry

Plinth = A supporting device, such as a bumper plinth or number plate plinth, a mount

PM = Particulate Matter, Private Message or Private Mail Message

PN or P/N = Part Number

PN or P-N = Park Neutral Switch (PNP, PNS)

PNP = Park-Neutral Position, Park-Neutral Position Switch

PNS = Park-Neutral Switch (PN, P-N, PNP, PNS)

PO = Previous Owner of one's Jaguar



Poly Bush = Suspension bushing made with polyurethane for reduced flex and increased durability

Porcelain Enamel = Vitreous Enamel: fused powdered-glass coating on some Jaguar exhaust manifolds

POS = Position, "Piece of S\*\*t"

Post Cat = Mounted after the Catalytic Converter (Downstream) (see Pre Cat)

Pound = lb., unit of weight, 1 pound = 0.453592 kilogram

Pound-Feet = Unit of torque (ft.lbs., ft·lb, lb.ft., lb·ft, Foot-Pounds, Nm, N·m, Newton-metre)

Powr-Lok = Dana/Spicer heavy-duty Limited Slip Differential used in some Jaguars

Pozidrive = Crosshead screw similar to Phillips designed to reduce slipping of the screwdriver

PPS = Pedal Position Sensor

PPTY = Priority Program Type (see PTY)

PRDM = Passenger Rear Door Control Module; Passenger Side Rear Door Module

PRV = Pressure Retaining Valve

Pre Cat = Mounted before the Catalytic Converter (Upstream) (see Post Cat)

Pre-ignition = Ignition of air-fuel mixture prior to spark plug firing (see Detonation, Misfire, Knock)

Prince of Darkness, The = Nickname for Lucas Industries based on perceived lack of reliability

Prise = Pry

Propeller Shaft = Propshaft, Driveshaft

Propshaft = Propeller Shaft, Driveshaft

Potentiometer = Potentio Meter, 3-terminal variable resistor used as voltage divider, volume control, etc.

Proud = Raised, stands above surrounding surface, "To stand proud of..."

Pounds-per-square-inch = (psi or p.s.i.), unit of pressure; 1 psi = 0.0689475729 bar or 6894.75729 Pa

ppm = Parts-per-million

PRV = Pressure Relief Valve (part of air spring/shock absorber assembly)

Pry = Prise

PS = Power-Assisted Steering (PAS), or Passenger Side (w.s.)

psi or p.s.i. = Pounds-per-square-inch, unit of pressure; 1 psi = 0.0689475729 bar or 6894.75729 Pa

PSE = Phone Support Equipment

PSM = Passenger Side Module; Passenger Seat Control Module

pt. = Pint

PTC = Positive Temperature Coefficient fluid temperature sensor (in some transmissions)

PTEC or PTEc = Engine Management System by Visteon used on 2000-02 S-Type 3.0L & 4.0L

PTFE = Polytetrafluoroethylene, a high-molecular-weight plastic known by the brand name Teflon

PTU = Portable Test Unit (e.g. an IDS, WDS or SDD computer system)

PTY = Program Type (see PPTY)

PTY31-ALARM = Radio broadcast emergency alert message that overrides regular programming

Pulsewidth = Duration of signal to open fuel injector, controlled by ECM (IPD, On Time, Pulse Width)

Pulse Width = Duration of signal to open fuel injector, controlled by ECM (IPD, On Time, Pulsewidth)

PWM = Pulse Width Modulation, Pulse Width Modulated

PWR = Power-to-Weight Ratio, horsepower-per-pound, see WPR

## Q

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Q-tip Cotton Bud, Cotton Swab

qt. or Qt. = Quart, unit of volume, 1 qt. = 0.946353 L

Quarter Window = Quarterlight, vent window

Quarterlight = Quarter window, vent window

QS9000 = Quality assurance standard for OEM parts suppliers, superseded by ISO/TS 16949

R = Reverse; or Resistance in electronic equations

## R

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(R+M/2) = Fuel octane or performance rating derived from average of RON and MON (AKI)

R-12 = DuPont Freon CFC refrigerant used in auto A/C systems, phased out after Montreal Protocol

R-134a = Refrigerant 134a, tetrafluoroethane (C<sub>2</sub>H<sub>4</sub>F<sub>4</sub>), HFC refrigerant that replaced R-12

R-152a = Refrigerant 152a, difluoroethane (C<sub>2</sub>H<sub>4</sub>F<sub>2</sub>), may replace R-134a in autos (see HFO-1234yf)

RAM = Random Access Memory

RATC = Rear Automatic Temperature Control Module (not to be confused with RCCM)

RCM = Restraints Control Module or Resistance Deployment Control Module

RCCM = Remote Climate Control Module (not to be confused with RATC)

RCCP = Rear Climate Control Panel

RLCM = Rear Lighting Control Module

RCMISO = Resistance Deployment Control Module ISO bus

RCMSCP = Resistance Deployment Control Module Secondary Control Processor

RDS = Radio Data System(s)

RECM = Rear Electronic Control Module (REM)

RECP = Rear Entertainment Control Panel

Redesign = Major design and engineering changes to an auto model (see also Facelift)

Reluctor = Sensor Ring, sensor rotor, trigger wheel

REM = Rear Electronic Module (RECM)

Resonator, Helmholtz = Tuned chamber designed to reduce noise, especially in exhausts or air intakes

Restricted Performance = Limited transmission and/or engine function due to a fault (LHM, RP)

RETM = Rear Entertainment Control Module, Rear Seat Entertainment Control Module

Rev = Reverse or Revolution

Rev Counter = Revolution Counter, Tachometer, Tach or TACH

Revolution Counter = Rev Counter, Tachometer, Tach or TACH

Rexine = Thin early forerunner of vinyl used on XK140 and earlier interiors (see vynide)

RF = Radio Frequency

RFI = Radio Frequency Interference (see EMR, EMI)

RH = Right Hand, Right Hand Side, typically referenced from the driver's seat facing forward

RHD = Right Hand Drive

Rheostat = A two-terminal variable resistor used to control current, as in a light dimmer

Rheostat Switch = A combination rheostat and On/Off switch

RHIMT = Right-Hand Intake Manifold Tuning Valve, (IMT, LHIMT)

RHLCM = Right Hand Level Control Module (ADHLS R)

RHS = Right Hand Side, typically referenced from the driver's seat facing forward

Rich = AFR with too little air and/or too much fuel, Lambda ( $\lambda$ ) < 1 (see Lean)

Rimbellisher = Decorative trim ring for outer rim of wheel, often chrome plated

Ring Gear = Crown Wheel (in differential), or Starter Gear on flywheel or flex plate

Ring Terminal = Eyelet Terminal

Ring Spanner = Box End Wrench or Box Wrench

RKE = Remote Keyless Entry

RME = Rapeseed Methyl Ester, a biodiesel fuel produced from low erucic acid varieties of canola seed

RMM = Rear Memory Module

Roadster = Non-hardtop coupe, may or may not have a convertible top or hood

Rocker Cover = Protective cap on overhead-valve engine, Valve Cover, see Cam Cover

Rocker Panel = Sill

ROM = Read-Only Memory

RON = Research Octane Number, a fuel performance rating system; see MON,  
(R+M/2), AKI

Roots = A Roots-type supercharger or blower, positive displacement lobe pump

Rotor = Brake disc or distributor rotor

ROW = Rest of World, Rest of the World Specification

RP = Restricted Performance, permits driving while reducing risk of engine or trans damage (LHM)

RPaid = Rear Parking Aid

RPDB = Rear Power Distribution Box, Rear Power Distribution Fuse Box

rpm or RPM = Revolutions Per Minute

RS = Road Speed, typically expressed in mph or km/h (VS, VRS)

RSE = Rear Seat Entertainment

RSIS = Rear Seat Infotainment System

RSM = Rear Seat Module, Rear Seat Control Module, Rear Head Restraint Module

RTFM = Read the f\*\*king manual

RTM = Read the manual

Rug = Footwell rug, overmat or carpet

RWD = Rear Wheel Drive (see FWD)

RWHP = Rear Wheel Horsepower

## S

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S-Type (Classic) = Jaguar saloon produced 1963-68

S-Type (Modern) = (X200-206) 1999-2008 Saloon on Ford DEW98 platform (Lincoln LS/Ford Thunderbird)

SAE = Society of Automotive Engineers, establishes standards such as motor oil grades, OBDII port

SAE J1850 PWM = Ford Motor Company OBDII standard, pulse-width modulation, 41.6 kB/s

SAE Measurement Units = System based in part on British Imperial units: Inch, Foot, Yard, Mile

SAI = Secondary Air Injection

SAIRC = Secondary Air Injection Check Valve (AIRC)

SAIP = Secondary Air Injection Pump (AIRP)

Saloon = A full-size passenger car, a Sedan

SAS = Secondary Air Status

Sat Nav = Satellite Navigation (GPS) (see NAV, NCM)

Sayer, Malcolm = Aerodynamicist and designer of Jaguar C-, D- and E-Types and XJ-S

SC = Speed Control (CC, Cruise Control)

SC or S/C = Supercharger, Supercharged engine (as opposed to Normally Aspirated or N/A)

SCLM = Steering Column Lock Module or Security and Locking Control Module (SLM)

Scope = Shorthand for oscilloscope, endoscope, the graphic display of a live data scanner, etc.

SCP = Standard Corporate Protocol Network

Screen = Windscreen/Windshield

Screw = Externally-threaded headed fastener that threads into the material it will hold (see Bolt)

SCU = Starter Control Unit

Scuttle = Trim panel or finishing panel (see Cowl, Knee bolster, Underscuttle)

SDC = Soft Door Close

SDD = Ford/JLR System-Driven Diagnostics, computer-based diag. system (see IDS, PDU, WDS)

SE = Special Equipment version of XK120 (M in the U.S.)

Seat Back = Squab, the upright portion of the seat

Security Torx = Torx screw with a cylinder centered in the internal lobes requiring a special bit

Sedan = A full-size passenger car, a Saloon

SEFI = Sequential Electronic Fuel Injection (SFI)

SEL = Service Engine Lamp (CEL, EML, MIL, SES)

Sender = A transducer that produces an electric signal that varies with fuel level, oil pressure, etc.

Sensor Ring = Reluctor, sensor rotor, trigger wheel

Sensor Rotor = Reluctor, sensor ring, trigger wheel

Servo = Servomechanism, augments the force of other mechanisms, such as a brake or clutch servo

Servotronic, Servotronic 2 = ZF-Bosch Speed-sensitive variable ratio electronic steering rack system

SES = Service Engine Soon lamp (CEL, EML, MIL, SEL)

Set screw = Allen screw, Grub screw

SFI = Sequential Fuel Injection (SEFI), Stratified Fuel Injection System

Shakeproof Washer = Toothed Lock Washer (Internal or External Teeth), Star Washer (External Teeth)

Shim = Thin metal spacer, made in precise thicknesses for adjusting the free play of moving parts

Shock = Shock Absorber, Damper

Shock Absorber = Damper

Shooting-brake = Estate Car, Station Wagon

Shop, Repair Shop = Garage

Short-Circuit Rating = Current at which a fuse melts; I<sub>max</sub>, Breaking Capacity, Interrupting Rating

Shoulder (of road) = Verge (of road)

SHRTFT = Short Term Fuel Trim (FTST, STFT)

SI = Le Système International d'Unités, International System of Units (ISU)

Side Curtains = Removable side windows

Sideshaft = Half-shaft, Half-axle, connects differential, transaxle or transfer case/box to wheel

Signals = Turn Signals, Indicators, Direction Indicators (DI)

Silencer = Muffler

Sill = Rocker Panel

Sill Plate = Tread Plate, sill finisher

SIM = Subscriber Identity Module, telephone SIM card

Sir William Lyons = Known as "Mr. Jaguar," co-founded Jaguar Cars with William Walmsley

SIS = Side Impact Sensor

Slip Road = On/Entrance Ramp or Off/Exit Ramp, a short road for joining or leaving a freeway

SLM = Security Locking Module; Security and Locking Control Module (SLCM)

SLS = Self-Leveling Suspension

Smog = Contraction of Smoke and Fog; air pollution, often consisting of smoke, fog and chemical fumes

SMOG Sensor = Automatically closes HVAC recirculation flap when CO, HC or NOx fumes detected

SMS = Short Message Service, telephone text messaging

SOHC = Single Overhead Camshaft (see OHC)

Solenoid = Mechanism that converts electricity, hydraulic or pneumatic pressure into physical motion

SORN = Statutory Off Road Notice, filed to avoid paying vehicle tax while a car is out of use (U.K.)

Sovereign = Jaguar saloon with upgraded trim compared to Base model

\*\*\*\* Nuts = Panel-mounted threaded fasteners made by RB&W (w.s.)

Spanner = Wrench

Spark Plug Cables or Wires = High Tension Leads

Spats = Fender Skirts

Speed Control = Cruise Control

Speed Nut = Spire Nut, Clip-on Nut

Speedo = Speedometer, Speed Meter, Velocimeter, Velocity Meter

Spire Nut = Speed Nut, Clip-on Nut

SPL = Sound Pressure Level

Split Pin = Cotter Pin

SportBrake = Proposed Jaguar sporty shooting brake/station wagon based on current XJ

Spring Washer = Lock Washer, Helical Spring Lock Washer

Sprocket = Timing chain gear

SPS = Seat Position Sensor

Squab = Seat Back, the upright portion of the seat

SRS = Supplementary Restraint System

SS Cars Ltd. = Standard Swallow Car company, renamed Jaguar Cars Ltd. in 1945

SS90 = SS Cars Ltd. "SS Jaguar" sports car produced in 1935, predecessor to the SS100

SS100 = SS Cars Ltd. "SS Jaguar" sports car produced 1936-40, successor to the SS90

SSP = Switched System Power

STAI = Short Term Adaptive Idle (see also LTAI)

Stabilizer Bar = Anti-sway Bar, Anti-roll Bar, Sway Bar, Torsion Bar

Star = Torx fastener, trademarked screw head design with 6 internal or external lobes or points; 6lobe

Star Washer = External Toothed Lock Washer, Shakeproof Washer

Starter Gear = Ring Gear on flywheel or flex plate

Station Wagon = Estate Car, Shooting-brake

Steering Knuckle = Vertical Link, suspension component that locates front stub axle

STI = Short Term Idle adaptation (see LTI)

Stick = A manual transmission or a vehicle with a manually-shifted transmission

STFT = Short Term Fuel Trim (FTST, SHRTFT)

Stoic = Stoichiometric AFR (Lambda)

Stoichiometric AFR = Ideal fuel mixture with just enough oxygen to burn all the fuel (Lambda, Stoic)

STP = Standard Temperature and Pressure, (0 deg. C/32 deg. F at 1 atm/14.7 psi/1.01325 bar)

Straight Six = Inline six-cylinder engine (I6)

STR = Stored Throttle Position (see alternate meaning)

STR or ST-R = S-type R, the supercharged S-type

STS = Seatbelt Tension Sensor, Service Technicians Society

Stub Axle = Short axle for non-powered wheel, such as the front wheels of a RWD vehicle

Stubby Screwdriver = Dumpy Screwdriver, short screwdriver

Stud = Wheel stud; or a fastener with two threaded ends, one screwed in place, one used with a nut.



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S-Type (Modern) = (X200-206) 1999-2008 Saloon on Ford DEW98 platform (Lincoln LS/Ford Thunderbird)

Subframe = Crossmember

Sump = Oil Pan

Sundym = Non-exclusive trademark of Triplex Safety Glass Co. Ltd., now used by Pilkington

Sunroof = A movable roof panel that opens to the air; often also used in reference to a Moonroof (w.s.)

Swallow Sidecar Company = Founded in 1922, became SS Cars Ltd. in 1934, Jaguar Cars Ltd. in 1945

Swapover Valve = On vehicles with two fuel tanks, this valve selects which tank supplies the engine

SWAS = Steering Wheel Angle Sensor

Sway Bar = Anti-sway bar, anti-roll bar, torsion bar

SWB = Short Wheel Base (see LWB, WB)

Swing Link = Double U-joint that permits a more acute steering column bend angle

## T

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TA = Traffic Announcements

Tab Washer = Flat washer with projecting tab that is bent upward to lock against the nut or bolt head

Tach or TACH = Tachometer, Rev Counter, revolution counter

Tachometer = Rev Counter, revolution counter, Tach or TACH

Tappet = A sliding rod or capped cylinder intermittently struck by a camshaft lobe to open a valve.

Tata Motors = Mumbai, India-based corporate owner of JLR since 2008

Tata, Ratan = Former Chairman of Tata Motors who oversaw the acquisition of JLR from Ford

TAU = Theft Alarm Unit

TAVDICT = Torque Actuated Variable Dual Independent Camshaft Timing (See VCT, VVT)

TB = Throttle Body

TC = Torque Converter; Turbocharger/Turbocharged engine; Top Center (TDC); Traction Control

TCC = Torque Converter Clutch

TCM = Transmission Control Module

TCMISO = Transmission Control Module ISO bus

TCS = Traction Control System

TDC = Top Dead Center, Top Center (TC)

Teflon = DuPont trademark for polytetrafluoroethylene (PTFE) class of thermoplastics

TFT = Thin-Film Transistor, Transmission Fluid Temperature Sensor

TFT LCD = Thin-Film Transistor Liquid Crystal Display

TFTS = Transmission Fluid Temperature Sensor

Thermistor = Temperature-sensitive resistor

Throwout Bearing = Thrust Bearing

Thrust Bearing = Throwout Bearing

Tick Over = Idle, or the engine speed at tick over

Tie Rod = Track rod, connecting rod (steering)

Tie Rod End = Track rod end (steering)

Tire = Tyre

TFT = Transmission Fluid Temperature Sensor

TM = Throttle Motor

Toll Motorway = Turnpike

Tonneau = Tonneau Cover A waterproof cover fastened over the cockpit of a roadster or convertible

Toothed Lock Washer = Internal or External Teeth, Shakeproof Washer, Star Washer (External Teeth)

TOPIX = JLR Technical and Owner Publications Information Exchange (formerly GTR)

Top Dead Center = Position of piston when it is at its farthest distance from the crankshaft (see BDC)

Torch = Flashlight

Torque = Rotational force, measured in pound-feet (lb-ft) or Newton-meters (Nm)

Torque & Torque Pro = Android OBDII app that pairs with a Bluetooth device such as an ELM327

Torque Converter = Fluid coupling that replaces a mechanical clutch in an automatic transmission.

Torsion Bar = Anti-sway bar, anti-roll bar, stabilizer bar, sway bar

Torx = "Star" fastener, trademarked screw head design with 6 internal or external lobes or points; 6lobe

Torx Plus = Improved head profile Torx fastener

Torx, Security = Torx screw with a pin centered in the internal lobe socket requiring a special bit

TOT = Transmission Oil Temperature

TP = Throttle Position, Throttle Position Sensor (TPS), Throttle Potentiometer (TPP)

TP = radio Traffic Program

TP1 = Throttle Position Sensor Resistive Element 1

TP2 = Throttle Position Sensor Resistive Element 2

TPM = Tire Pressure Monitoring System

TPMS = Tire Pressure Monitoring System or Sensor

TPP = Throttle Potentiometer, Throttle Position Sensor (TPS)

TPS = Throttle Position Sensor (potentiometer) (TP), Throttle Position Switch (On/Off only)

TQ = Torque (TRQ)

Track Rod = Tie rod, connecting rod (steering)

Track Rod End = Tie rod end, Connecting rod end (steering)

Trannie = Transmission, Trans, Gearbox, Box

Tranny = Transmission (Gearbox)

Trans = Transmission, Trannie, Gearbox, Box

Transaxle = Combination transmission & axle drive for front-wheel and all-wheel drive systems

Transducer = Converts one form of energy to another, e.g. pressure to electricity; electricity to sound

Transfer Box = Transfer Case, additional gear set for AWD and 4WD vehicles

Transfer Case = Transfer Box, additional gear set for AWD and 4WD vehicles

Transmission = Gearbox, Trans, Trannie, Box

Transponder = Passive security device in the key or fob of a PATS-equipped vehicle

Tread Plate = Sill plate, sill finisher

Trigger Wheel = Reluctor, sensor ring, sensor rotor

TRQ = Torque (TQ)

TS = Throttle Switch

Trunnion = Cylindrical device fitted to a throttle cable, choke cable, etc. to serve as a stop

Truck = Lorry

Trumpet = Bell- or horn-shaped section of a carburetor or throttle body inlet, warning horn output, etc.

TS = Twin Screw (a type of supercharger)

TSB = Technical Service Bulletin, updated information from Jaguar to Dealers & Technicians (JTB)

Tuffelt = Thick underfelt fabric used for sound-deadening and padding in Jaguar interiors

TURN = Turn Signal

Turn Signals = Indicators, Direction Indicators, Signals (DI)

Turnpike = Toll Motorway

TV = Television

TVbB or TVBB = Torque Vectoring by Braking

Twin Cam = Dual- or Double-Cam engine, typically a DOHC engine

Twin OHC = Dual- or Double-Cam engine, typically a DOHC engine

TWR = Tom Walkinshaw Racing, partner in JaguarSport and TWR special edition models (see TRW)

Tyre = Tire

## U

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UEGO = Upstream Exhaust Gas Oxygen sensor (UHEGO, HO<sub>2</sub>, HO<sub>2</sub>S, Lambda Sensor, O<sub>2</sub>S)

UHEGO = Upstream Heated Exhaust Gas Oxygen sensor (HEGO, HO<sub>2</sub>, HO<sub>2</sub>S, O<sub>2</sub>S, UEGO)

UHP = Ultra-High Performance, a manufacturer's classification for tires/tyres

U-joint = Universal joint (UJ)

UJ = Universal Joint (U-joint)

Underfelt = Thick natural jute with rubber coating used as Jaguar carpet padding and soundproofing

Underscuttle = Knee bolster, trim panel, finishing panel, etc.

UNF = Unified National Fine Thread (see UTS)

Unibody = Monocoque

Unmetered = Not measured by the EMS

Unmetered Air = Air drawn into Intake Manifold but not measured by the MAFS (e.g. vacuum leak)

Unmetered Fuel = Fuel drawn into Intake Manifold but not measured by the ECM (e.g. leaking FPR)

Upstream = Earlier/preceding in a circuit/system, as in Upstream O2S (Pre Cat) (see Downstream)

U.T. = United Technologies (w.s.)

UTS = Unified Thread Standard, ASME/ANSI standard for threads used in the U.S.A. & Canada

UV = Ultraviolet, EMR with wavelengths shorter than visible light, longer than X-rays (see EMR, IR)

## V

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V = Volt, Volts

V6 = Six-cylinder engine with two banks of three cylinders arranged in a vee orientation

V8 = Eight-cylinder engine with two banks of four cylinders arranged in a vee orientation

V12 = Twelve-cylinder engine with two banks of six cylinders arranged in a vee orientation

V12, Jaguar = Engine designed by Jaguar engineers Wally Hassan, Claude Baily and Harry Mundy

VAC = Volts Alternating Current (see VDC), or Vacuum

VACM = Voice Activated Control Module (VAM), see JaguarVoice

Valance = A long narrow horizontal trim panel or finisher

Valet Key = Key that will operate ignition switch but not glove box or trunk locks

Valey Mode = Mode in which glove box and trunk opening are inhibited

Valve Cover = Protective cap on overhead-valve (OHV) engine, rocker cover, see Cam Cover

VAM = Voice Activation Module (VACM), see JaguarVoice

Vanden Plas = Name of early luxury coachbuilder used in place of Daimler for U.S. market

Vapor Lock = Non-start due to fuel changing from liquid to gas while still in the fuel delivery system

VAPS = Variable Assist Power Steering (see ZF-Bosch Servotronic, PAS, PASCAM)

VASA = Variable Assist Steering Actuator (Transducer/Solenoid Valve)

VAST = Variable Assist Steering Transducer (Actuator/Solenoid Valve)

VAT = Vane Air Temperature Sensor (ACT, CTS, IAT, IATS, MAT, MCT)

Vaumol = Trademarked natural-grain grade of Connolly Leather (see Autolux, Autocalf)

Vbat = Battery Positive Voltage, B+

VBR = Definition not yet known; from p. 208 of X350 Owner's Manual, appears diesel-related

VCATS = Vehicle Configuration And Test System

VCM = Ford/JLR Vehicle Communication Module OBDII serial comm. gateway for IDS, WDS, SDD

VCM II = Second generation Ford/JLR Vehicle Communication Module

VCT = Variable Camshaft Timing (see VVT, TAVDICT)

VCTOCS = Variable Camshaft Timing Oil Control Solenoid

VCV = Volume Control Valve, Diesel Fuel Volume Control Valve

VDC = Volts Direct Current (see VAC)

VEMS = Vehicle Emergency Messaging System (JagNet)

Veneer = Thin sheet material, often figured wood, used a finish surface over a less-expensive substrate

Vent Window = Quarterlight, quarter window

Verge (of road) = Shoulder (of road)

Vertical Link = Steering Knuckle

VFD = Vacuum Fluorescent Display used on early XJ40 instrument panels

Vibration Damper = Crankshaft Damper, Crank Pulley Damper, Harmonic Balancer or Damper

VIC = Virtual Instrument Cluster, Virtual Instruments (dev. for Jaguar by VST and QNX) (DIC, VI)

VICS = Vehicle Information Control System (Japan)

VIN = Vehicle Identification Number, unique factory-applied automobile identifier code

Vinyl = Upholstery fabric with surface made of vinyl polymers (see Rexine, Vynide, Ambla)

VIS = Variable Intake System (see IMT)

vis-à-vis = Face-to-face, facing, opposite, in relation to, compared to

Viscosity = The extent to which a liquid resists the tendency to flow

Viscosity Index = Scale indicating the variation of an oil's viscosity with variation in temperature

Viscous Coupling = Hydromechanical device that transfers torque & rotation by way of a viscous fluid

Vise Grips Pliers = Mole Grips Pliers

Vitreous Enamel = Porcelain Enamel: fused powdered-glass coating on some Jaguar exhaust manifolds

Volt = Unit of electric potential, electric potential difference (Voltage), & Electromotive Force

Voltage = Electric potential difference or Electromotive Force, measured in Volts, see Current

Voltage Regulator = Voltage Stabilizer

Voltage Stabilizer = Voltage Regulator

VOM = Volt-Ohm Meter, still useful but in general supplanted by the more modern DMM

VPW = Variable Pulse Width Modulation, a GM OBD protocol

VR = Voltage Regulator

VRLA = Valve-Regulated Lead Acid battery (sealed or maintenance-free battery)

VRS = Vehicle Road Speed, typically expressed in mph or km/h (RS, VS)

VS = Vehicle Speed, typically expressed in mph or km/h (RS, VRS)

VSS = Vehicle Speed Sensor

VSO = Vehicle Speed Output

VVA = Vehicle Vibration Analyzer

VVT = Variable Valve Timing (see VCT)

VVT = Variable Valve Timing Solenoid Valve; VVT1 = Bank 1/ RH Bank; VVT2 = Bank 2/ LH Bank

Vynide = Early form of vinyl introduced on the XK150, thicker than Rexine but no knit backing

## W

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Wabco ECAS = Electronically Controlled Air Suspension, basis of Jaguar CATS and ECATS

WAG = Wild-assed guess

Washed Cylinder = Cylinder in which excess fuel has washed away oil causing loss of compression

Washer = Windshield/Windscreen washer

Washer = A ring of steel or other material used with a bolt and nut to distribute pressure, seal, etc.

Washer, D = D-Washer Round washer with a flat-sided center hole that resembles the letter D

Washer, Tab = Flat washer with projecting tab that is bent upward to lock against the nut or bolt head

Water Pump Pliers = Channellock Pliers, slip-joint pliers, tongue-and-groove pliers

Waxoyl = Rustproofing liquid used on many Jaguars to protect against body and chassis corrosion

WB = Wideband or Wide Band, a type of O2 Sensor

WB or W/B = Wheel Base or Wheelbase (see LWB, SWB)

WDS = Ford/JLR Worldwide Diagnostic System, computer-based diagnostics (see IDS, PDU, SDD)

Weather Seal = Weatherstrip, Draught Excluder

Weatherstrip = Weather Seal, Draught Excluder

Weight = Force exerted on a body by gravity, varies with altitude but commonly equated to Mass (w.s)

Weslake, Harry = Cylinder-head and engine tuning specialist who helped refine the Jaguar XK engine

Weslake Research and Development = Firm of cylinder-head specialist Harry Weslake (XK engine)

Wheel Nut = Lug Nut

Whitley = Coventry, U.K. headquarters of Jaguar Land Rover from 2011

Whitworth, British Standard Imperial unit-based thread measurement standard

WHP = Wheel horsepower

Wilton Cloth = Angora goat fleece textile used in classic Jaguar convertible tops & tonneaus (Mohair)

Windscreen = Windshield

Windshield = Windscreen

Wing = Fender

Wiring Harness = Loom, Harness Loom

Woodruff Key = Half-moon shaped tab that aligns and connects a gear or pulley to a drive shaft

Woolcloth = Woolen textile used in Jaguar headliners until c. 1971

Worm-Drive Hose Clamp = Jubilee Clip; hose clamps made by Cheney, Jubilee, Norma, Regent, TEX

WOT = Wide Open Throttle

WOT During Cranking = ECM senses WOT and cancels fuel injection to clear flooded engine

WPR = Weight-to-Power Ratio, pounds-per-horsepower, see PWR

Wrench = Spanner

Wrist Pin = Gudgeon Pin, piston-to-connecting rod pin

w.s. = Which See, see the separate entry in this list

WSS = Wheel Speed Sensor (ABS Sensor)

WTF = "What the F\*\*k"

WV = Water Valve (DCCV, DCFV, CCV, HCV, HWCV, HV)



# X

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- X-Type = Jaguar compact saloon range produced 2001-2009 (X400) based on Ford CD132 platform
- X100 = Jaguar project code for XK8/XKR GTs produced 1995-2005 (replaced the XJS)
- X150 = Jaguar project code for 2nd gen. XK8/XKR produced 2005-2014 (facelifted 2011)
- X200 = Jaguar project code for S-Type (Modern) produced 1999-2002
- X202 = Jaguar project code for S-Type (Modern) produced 2002-04
- X204 = Jaguar project code for S-Type (Modern) produced 2004-06
- X206 = Jaguar project code for S-Type (Modern) produced 2006-08
- X250 = Jaguar project code for XF & XFR from 2008 (replaced S-Type)
- X300 = Jaguar project code for XJ6/XJR saloon range produced 1995-1997 (replaced the XJ40)
- X305 = XJ12 12-cylinder version of the X300 saloon
- X306 = XJR6 S/C version of the X300 saloon
- X308 = Jaguar project code for XJ8/XJR saloon range produced 1998-2003 (replaced the X300)
- X330 = LWB version of the X308
- X350 = Jaguar project code for aluminum bodied XJ8/XJR range produced 2004-?????
- X350 XJ6 = Reintroduction of a 6-cylinder saloon with a 3.0L V6 engine
- X351 = Jaguar project code for current XJ range from 2009 (replaced the X358)
- X358 = Facelifted version of the X350 produced from 2007-2009
- X400 = Jaguar project code for the X-Type compact saloon range produced 2001-2009
- X760 = Jaguar project code for XE compact saloon range produced from 2015
- X761 = Jaguar project code for F-Pace Crossover Utility Vehicle (based on C-X17 concept ) from 2016
- XK120 = Jaguar sports car produced from 1948-54, heir to the SS100 which ceased production in 1940
- XK120-C = Better known as the C-Type, racing car produced 1951-53, Le Mans winner 1951 & 1953
- XK140 = Jaguar sports car produced 1954-57, successor to the XK120
- XK150 = Jaguar sports car produced 1957-61, replaced by the E-Type

XK8 / XKR = Jaguar GT produced 1995-2005 (X100), and 2005-14 (X150)

XK-E or XKE = U.S. designation for the E-Type, Jaguar range of sports cars produced from 1961 to 1975

XKSS = 1957 road-legal sports car produced from complete and unfinished D-Type racing cars

XJ12 = 12-cylinder version of XJ saloon (XJ12, XJ81, X305)

XJ12C = 12-cylinder 2-door coupe version of the Series II XJ saloon produced 1975-77

XJ220 = 2-seat Jaguar supercar produced 1992-94, fastest production car in the world when released

XJ40 = Jaguar project code for XJ6/XJR saloon range produced from 1987-1994

XJ6 = Jaguar saloon range 1968-73 (Series I or 1); 1974-79 (Series II or 2); 1979-92 (Series III or 3)

XJ6C = 2-door coupe version of the Series II XJ saloon

XJ81 = Jaguar project code for 12-cylinder version of XJ40 saloon; Daimler Double Six (U.K.); XJ12 (U.S.)

XJ-S / XJS = Jaguar GT produced 1975-96 (replaced the E-Type)

X-Type = Jaguar compact saloon range produced 2001-2009 (X400) based on Ford CD132 platform

## Y

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Yard = Unit of length, 1 yard = 3 feet = 0.9144 Meter

YCCC = Yellow Chromate Conversion Coating, coating applied over cadmium to prevent white oxidation

YMMV = "Your mileage may vary" ("Your experience may differ from mine")

## Z

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Zenith = Jaguar project code for the Mark X saloon

