



Cut the Confusion: External Versus Internal BMW Model Designations

The engineers use a different identification system than the marketing people do, so here's how to decode the situation and zero in on the right service information and parts. Plus, valuable explanations of VIN, build date, anti-theft labeling and paint codes

Here's the scenario: A new customer arrives smiling. He says he's heard good things about your work, and he'd like you to take a look at his beloved BMW. Sure, you say, no problem. You walk out to the lot with him and -- hmm -- it's a model you've never worked on before. That won't be an issue as far as your technical expertise is concerned, but how about looking up exactly the right service information, or ordering parts? No matter what that nicely-sculpted badge may say, you need to know how this particular vehicle is identified within its manufacturer's information and catalog systems.

Hence, this article. We've included a handy chart that gives you the model, series, engine, years of manufacture and code for all the BMWs ever imported into the U.S. since 1980. That's a quarter of a century. If you need to go back farther than that, you're a restoration shop. We've printed it on both sides of one page so you can tear it out and hang it on the wall for quick reference. You may even want to laminate it in clear plastic to avoid grease spots from hard-working fingers.

Positioning in the market

The story of how these designations came about is interesting. BMW uses two



In spite of what you might expect, all 323i models, which are designated E46, are equipped with 2.5L engines (that is, the M52TU)

different systems of identifying its products. External designations, called "trunk badges," exist to help consumers differentiate among models. Essentially, they're a marketing tool, the names by which owners know their vehicles. They're created by the sales and marketing department to position every model in exactly the right place as far as the competition is concerned.

Most BMW badges are a combination of numbers and letters. The first number represents the series. Typically, the next two digits give the engine displacement in liters, although occasionally the actual displacement does not match the designation. This is a marketing decision designed to bolster familiar name recognition from one version to the next and to create spacing between models. Examples of this include:

- 1996-1999 318ti with a 1.9 liter engine
- 1996-2001 740i with a 4.4 liter engine
- All 323i models are equipped with a 2.5 liter engine.



You'll find a 4.4L engine in the 740i. This one has an "L" at the end, meaning it has a long wheelbase.

There is, of course, another series of badges that begin with a letter followed by a single digit. These are found on the Z3 roadster and M3 coupe, X5 SAV, Z8 roadster and motorsport versions of various cars.

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But trunk badges don't all have to start with numbers, as this M3 coupe proves.



The "x" means all-wheel drive, and the engineering designation is E53.

Additional letters sometimes follow the badge numbers and are used to further identify each model's special characteristics, such as:

- C Coupe
- L Long Wheelbase
- i Fuel Injected
- s Sport
- x All-Wheel Drive
- ti touring internationale



This E36 has an M52 engine, and boasts an "s" for "sport."

Insider info

Then there are internal designations, which the company itself and authorized dealer personnel use to identify particular

production versions with all their subtle differences. These are created by the engineering and technical development departments to identify a new model during the design process. The use of internal designations carries over to the technical support and parts groups after the car is produced, and they refer to the entire vehicle series of a particular body/chassis design. Not all design concepts make production, so internal designations are not necessarily sequential.

These start with the letter "E" for all BMW vehicles, which is followed by a two-digit number. For instance, E46 refers to all 3-series cars. Often, there's an additional number separated by a slash (/):

- E36/7 (Z3)
- E46/3 (Sport Wagon)
- E46/16 (All-Wheel Drive)
- E36/5 (3-Door Touring)
- E46/2 (Coupe)
- E46/5 (3-Door Touring)

Vehicle Identification Numbers

For the mandated Vehicle Identification Number (VIN), BMW uses a 17-character structure, which provides all pertinent information.



This 2002 model was built in Munich by BMW AG.

- The first three letters and or digits are the manufacturer's code:
4US = BMW MFG. Corp. Spartanburg*
NC0 = BMW South Africa*
WBA = BMW AG
WBS = Motorsport
- Spartanburg and South Africa not used after 1999.
- Letters and numbers in the four through seven spaces are the model code.
- The eighth space is reserved for the restraint system identifier:
0 = Seat belts
1 = Seat belts and Driver airbag
2 = Seat belts and dual airbags
3 = Seat belts and second generation dual front airbags
4 = Seat belts and dual-stage advanced front airbags
- The ninth space is occupied by a check digit determined by the VIN.
- The letter or number in the 10th space is the model year identifier (started in 1980). So, A=1980, progressing forward sequentially:

NOTE: I, O, Q, U and Z are not used because they can easily be mistaken for numbers.

B=1981
C=1982
D=1983
E=1984
F=1985
G=1986
H=1987
J=1988,
K=1989
L=1990
M=1991
N=1992
P=1993
R=1994
S=1995
T=1996,
V=1997
W=1998
X=1999
Y=2000,
1=2001
2=2002
3=2003
4=2004
5=2005

Vehicle Model Designations

NOTE: 6 through 9 will represent 2006 through 2009, then it starts alphabetically again with A=2010.

- The letter in the 11th space is the plant code:
 - A, F, K = Munich, Germany
 - C, B, D, G = Dingolfing, Germany
 - E, J, P = Regensburg, Germany
 - L, M = Spartanburg, U.S.A.
 - N = Roslyn, South Africa
 - W = Graz, Austria
 - V = Leipzig, Germany
- Letters/numbers 12 through 17 are the sequential production numbers.

You can find the VIN in the following locations:

- Left lower corner of the instrument panel. This is viewed through the windshield from outside the vehicle.
- B-pillar compliance label, which is on the driver's side door jamb.

Additionally the VIN is stamped into the chassis in one of two locations:

- Under the hood on the right side of the engine compartment bulkhead.
- Under the hood on right side shock tower.



When was it built?

The production date can be found on the B-pillar compliance label. This information is required quite often when a repair procedure affects only a certain run of vehicles.

The date shown on the label reflects the actual month and year the vehicle was produced. It is not a model year indicator.



Anti-theft

Since 1987, the National Highway Traffic Safety Administration (NHTSA) has required that the VIN be marked on specific parts of the car during manufacture for theft identification. Some models are exempt if the total number of vehicles imported is below a certain threshold.

The following parts carry the VIN:

- Engine
- Transmission
- Hood
- Trunk lid
- Front and rear bumpers
- Front Fenders
- Doors
- Quarter panels

Color code

Whenever you have to order a pre-painted part, you'll need the vehicle's paint code, a three-digit number printed on the color identification tag in the engine compartment.

BMW Model Designation Chart

MODEL	SERIES	ENGINE	YEAR	CODE	MODEL	SERIES	ENGINE	YEAR	CODE
320i/Manual	E21	M10	80,81,82,83	1733	325xiTA	E46	M54	2001	AR83
323Cic	E46	M52TU	2000	BR33	318isA/2 Dr.	E36	M42	93,94,95	BE63
320i/Automatic	E21	M10	80,81,82,83	1743	325xiT	E46	M54	2002,03,04,05	EP33
323CicA	E46	M52TU	2000	BR43	318i/4 Dr.	E36	M42	92,93,94,95	CA53
323iT	E46	M52TU	2000	AR33	325xiTA	E46	M54	2002,03,04,05	EP43
318i/2 Dr. Manual	E30	M10	84,85	1074	318iA/4 Dr.	E36	M42	93,94,95	CA63
323iTA	E46	M52TU	2000	AR43	328i	E46	M52TU	99,2000	AM53
318i/2 Dr. Auto	E30	M10	84,85	1084	318i Convertible/Manual	E36	M42	94,95	BK53
323Ci	E46	M52TU	2000	BM33	328iA	E46	M52TU	99,2000	AM63
318i/4 Dr. Manual	E30	M10	85	1374	318i Convertible/Auto.	E36	M42	94,95	BK63
323CiA	E46	M52TU	2000	BM43	328Ci	E46	M52TU	2000	BM53
318i/4 Dr. Automatic	E30	M10	85	1384	318i/2 Dr.	E36	M42	95	CG53
325Ci	E46	M54	2001,02,03	BN33	328CiA	E46	M52TU	2000	BM63
318is/2 Dr.	E30	M42	91	AF93	318tiA/2 Dr.	E36	M42	95	CG63
325CiA	E46	M54	2001,02,03	BN43	330i	E46	M54	2001	AV53
318i/4 Dr.	E30	M42	91	AJ93	325is/2 Dr.	E36	M50	92,93,94,95	BF33
325Cic	E46	M54	2001,02,03	BS33	330iA	E46	M54	2001	AV63
318i Convertible	E30	M42	91,92	BA73	325isA/2 Dr.	E36	M50	92,93,94,95	BF43
325Ci	E46	M54	2004,05	BD33	330i	E46	M54	2002,03,04,05	EV53
325i/les/2 Dr. Manual	E30	M20	85,86,87,88	1254	325i/4 Dr.	E36	M50	92,93,94,95	CB33
325CiA	E46	M54	2004,05	BD43	330iA	E46	M54	2002,03,04,05	EV63
325i/les/2 Dr. Automatic	E30	M20	85,86,87,88	1264	325iA/4 Dr.	E36	M50	92,93,94,95	CB43
325CiA SULEV	E46	M56	2004,05	BV23	330Ci	E46	M54	2001,02,03	BN53
325i/les/4 Dr. Manual	E30	M20	85,86,87,88	1554	318i	E36	M44	96	CD73
325Cic	E46	M54	2004,05	BW33	330CiA	E46	M54	2001,02,03	BN63
325i/les/4 Dr. Automatic	E30	M20	85,86,87,88	1564	318iA	E36	M44	96	CD83
325CicA	E46	M54	2004,05	BW43	330Cic	E46	M54	2001,02,03	BS53
325i/2 Dr. Manual	E30	M20	87,88,89,90,91	1113	318i/4 Dr.	E36	M44	97,98	CC93
325CicA	E46	M54	2001,02,03	BS43	330CicA	E46	M54	2001,02,03	BS63
325i/2 Dr. Automatic	E30	M20	87,88,89,90,91	1123	318iA/4 Dr.	E36	M44	97,98	CC03
325CiA SULEV	E46	M56	2003	BN83	330Ci	E46	M54	2004,05	BD53
325i/4 Dr. Manual	E30	M20	87,88,89,90,91	1413	318is/2 Dr.	E36	M44	96,97	BE73
325i	E46	M54	2001	AV33	330CiA	E46	M54	2004,05	BD63
325i/4 Dr. Automatic	E30	M20	87,88,89,90,91	1423	318isA/2 Dr.	E36	M44	96,97	BE83
325iA	E46	M54	2001	AV43	330Cic	E46	M54	2004,05	BW53
325i Convertible/Manual	E30	M20	87Through 93	BB13	318ti/2 Dr.	E36	M44	96,97,98,99	CG73
325i	E46	M54	2002,03,04,05	EV33	330CicA	E46	M54	2004,05	BW63
325i Convertible/Auto.	E30	M20	87 Through 93	BB23	318tiA/2 Dr.	E36	M44	96,97,98,99	CG83
325iA	E46	M54	2002,03,04,05	EV43	330xi	E46	M54	2001	ES53
325iX/2 Dr. Manual	E30	M20	88,89,90,91	1293	318iC	E36	M44	96,97	BH73
325iA SULEV	E46	M56	2003,04,05	AZ43	330xiA	E46	M54	2001	ES63
325iX/2 Dr. Automatic	E30	M20	88,89,90,91	1203	318iCA	E36	M44	96,97	BH83
325i (South Africa)	E46	M54	2001	AN37	330xi	E46	M54	2002,03,04,05	EW53
325iX/4 Dr. Automatic	E30	M20	89,90,91	1503	323is	E36	M52	98,99	BF73
325iA (South Africa)	E46	M54	2001	AN47	330xiA	E46	M54	2002,03,04,05	EW63
325iX/4 Dr. Manual	E30	M20	89,90,91	1593	323isA	E36	M52	98,99	BF83
325i (South Africa)	E46	M54	2002,03,04,05	ET37	M3 coupe	E46	S54	2001,02,03,04,05	BL93
M3	E30	S14	88,89,90,91	1003	M3 Convertible	E46	S54	2001,02,03,04,05	BR93
325iA (South Africa)	E46	M54	2002,03,04,05	ET47	323iC	E36	M52	98,99	BJ73
325xi	E46	M54	2001	AS33	323iCA	E36	M52	98,99	BJ83
325i Convertible/Manual	E36	M50	94,95	BJ53	328is/2 Dr.	E36	M52	96,97,98,99	BG13
325xiA	E46	M54	2001	AS43	528i/Manual	E12	M30	80,81	3995
325i Convertible/Auto.	E36	M50	94,95	BJ63	328isA/2 Dr.	E36	M52	96,97,98,99	BG23
325xi	E46	M54	2002,03,04,05	EU33	528i/Automatic	E12	M30	80,81	3997
M3	E36	S50	95	BF93	328i/4 Dr.	E36	M52	96,97,98	CD33
325xiA	E46	M54	2002,03,04,05	EU43	328iA/4 Dr.	E36	M52	96,97,98	CD43
M3 Automatic	E36	S50	95	BF03	528e/Manual	E28	M20	82 Through 88	4073
325iT	E46	M54	2001	AW33	328iC	E36	M52	96,97,98,99	BK73
M3	E36	S52	96,97,98,99	BG93	528e/Automatic	E28	M20	82 Through 88	4083
325iTA	E46	M54	2001	AW43	328iCA	E36	M52	96,97,98,99	BK83
M3 4 Dr.	E36	S52	97,98	CD93	533i/Manual	E28	M30	83,84	4274
325iT	E46	M54	2002,03,04,05	EN33	533i/Automatic	E28	M30	83,84	4284
M3 4 Dr. Automatic	E36	S52	97,98	CD03	323i	E46	M52TU	99,2000	AM33
325iTA	E46	M54	2002,03,04,05	EN43	535i/Manual	E28	M30	85,86,87,88	DC74
M3 Convertible	E36	S52	98,99	BK93	323iA	E46	M52TU	99,2000	AM43
325iTA SULEV	E46	M56	2003,04,05	AX23	535i/Automatic	E28	M30	85,86,87,88	DC84
M3 Convertible Auto.	E36	S52	98,99	BK03	323i (South Africa)	E46	M52TU	2000	AN33
325xiT	E46	M54	2001	AR73	524td	E28	M21	85,86	4224
318is/2 Dr.	E36	M42	92,93,94,95	BE53					

MODEL	SERIES	ENGINE	YEAR	CODE
323iA(South Africa)	E46	M52TU	2000	AN43
M5	E28	S38	88	DC93
M5	E34	S38	91,92,93	HD93
740i	E38	M60	95	GF63
525i/Manual	E34	M20	89,90	HC13
740iL	E38	M60	95	GJ63
525i/Automatic	E34	M20	89,90	HC23
740iL	E38	M62	96,97,98	GJ83
525i/Manual	E34	M50	91,92,93,94,95	HD53
740iA	E38	M62	97,98	GF83
525i/Automatic	E34	M50	91,92,93,94,95	HD63
740i	E38	M62	99,2000,01	GG83
525i Touring	E34	M50	92,93,94,95	HJ63
740iL	E38	M62	99,2000,01	GH83
530i/Manual	E34	M60	94,95	HE13
740iL protection	E38	M62	2000,01	GH03
530i/Automatic	E34	M60	94,95	HE23
750iL	E38	M73	95,96,97,98	GK23
530i Touring/Automatic	E34	M60	94,95	HK23
750iL	E38	M73	99,2000,01	GJ03
535i/Manual	E34	M30	89,90,91,92,93	HD13
750iL protection	E38	M73	2000,01	GK93
535i/Automatic	E34	M30	89,90,91,92,93	HD23
540i	E34	M60	95	HE53
745i	E65	N62	2002,03,04,05	GL63
540i/Automatic	E34	M60	94,95	HE63
760i	E65	N73	2005	GL83
745Li	E66	N62	2002,03,04,05	GN63
525i	E39	M54	2001,02,03	DT33
760Li	E66	N73	2003,04,05	GN83
525iA	E39	M54	2001,02,03	DT43
525iT	E39	M54	2001,02,03	DS33
840Ci/Automatic	E31	M60	94,95	EF63
525iT A	E39	M54	2001,02,03	DS43
840Ci/Automatic	E31	M62	96,97	EF83
528i	E39	M52	97,98	DD53
850i/850Ci	E31	M70	91,92,93	EG13
528iA	E39	M52	97,98	DD63
850iA/850Ci/Automatic	E31	M70	91,92,93,94	EG23
528i	E39	M52TU	99,2000	DM53
850CiA	E31	M73	95,96,97	EG43
528iA	E39	M52TU	99,2000	DM63
850CSi	E31	S70	94,95	EG93
528iT	E39	M52TU	99,2000	DP53
528iAT	E39	M52TU	99,2000	DP63
Z8	E52	S62	2000,01,02,03	EJ13
530i	E39	M54	2001,02,03	DT53
BMW Alpina Roadster V8	E52	M62	2003	EJ13
530iA	E39	M54	2001,02,03	DT63
Spartanburg Production:				
540i	E39	M62	97,98	DE53
318i/4 Dr.	E36	M42	95	CC73
540iA	E39	M62	97,98	DE63
318iA/4 Dr.	E36	M42	95	CC83
540i	E39	M62	99,2000,01,02,03	DN53
318i/4 Dr.	E36	M44	96	CD73
540iA	E39	M62	99,2000,01,02,03	DN63
318iA/4 Dr.	E36	M44	96	CD83
540iA protection	E39	M62	99,2000	DN83
328i/4 Dr.	E36	M52	96	CD13
540iAT	E39	M62	99,2000,01,02,03	DR63
328iA/4 Dr.	E36	M52	96	CD23
M5	E39	S62	2000,01,02,03	DE93
Z3 1.9	E36	M44	96,97,98	CH73
Z3 1.9/Automatic	E36	M44	96,97,98	CH83
525i	E60	M54	2004,05	NA53
Z3 roadster 2.3	E36	M52TU	99,2000	CH93
525iA	E60	M54	2004,05	NA63
Z3 roadster 2.3 Automatic	E36	M52TU	99,2000	CH03
530i	E60	M54	2004,05	NA73

MODEL	SERIES	ENGINE	YEAR	CODE
Z3 roadster 2.8	E36	M52	97,98	CJ33
530iA	E60	M54	2004,05	NA83
Z3 roadster 2.8 Automatic	E36	M52	97,98	CJ43
545i	E60	N62	2004,05	NB33
Z3 roadster 2.8	E36	M52TU	99,2000	CH33
545iA	E60	N62	2004,05	NB43
Z3 roadster 2.8 Automatic	E36	M52TU	99,2000	CH43
Z3 coupe 2.8	E36	M52TU	99,2000	CK53
633CSi/Manual	E24	M30	80,81	5235
Z3 coupe 2.8 Automatic	E36	M52TU	99,2000	CK63
633CSi/Automatic	E24	M30	80,81	5245
M roadster	E36	S52	98,99,2000	CK93
633CSi/Manual	E24	M30	82	5236
M coupe	E36	S52	99,2000	CM93
633CSi/Automatic	E24	M30	82	5246
Z3 roadster 2.5i	E36	M54	2001,02	CN33
633CSi/Manual	E24	M30	83,84	5274
Z3 roadster 2.5i Auto.	E36	M54	2001,02	CN43
633CSi/Automatic	E24	M30	83,84	5284
Z3 roadster 3.0i	E36	M54	2001,02	CN53
635CSi/Manual	E24	M30	85,86,87,88,89	5374
Z3 roadster 3.0i Auto.	E36	M54	2001,02	CN63
635CSi/Automatic	E24	M30	85,86,87,88,89	5384
M roadster	E36	S54	2001,02	CL93
M6/Manual	E24	S38	87,88	5514
Z3 coupe 3.0i	E36	M54	2001,02	CK73
L6/Automatic	E24	M30	87	5384
Z3 coupe 3.0i Auto	E36	M54	2001,02	CK83
M coupe	E36	S54	2001,02	CN93
645Ci	E63	N62	2004,05	EH73
645CiA	E63	N62	2004,05	EH83
Z4 roadster 2.5	E85	M54	2003,04,05	BT33
Z4 roadster 2.5 Auto.	E85	M54	2003,04,05	BT43
645Cic	E64	N62	2004,05	EK73
Z4 roadster 3.0	E85	M54	2003,04,05	BT53
645CicA	E64	N62	2004,05	EK83
Z4 roadster 3.0 Auto.	E85	M54	2003,04,05	BT63
733i/Manual	E23	M30	80,81	6633
X3 2.5i	E83	M54	2004,05	PA73
733i/Automatic	E23	M30	80,81	6643
X3 2.5i A	E83	M54	2004,05	PA83
733i/Manual	E23	M30	82	6634
X3 3.0i	E83	M54	2004,05	PA93
733i/Automatic	E23	M30	82	6644
X3 3.0i A	E83	M54	2004,05	PA03
733i/Manual	E23	M30	83,84	6674
733i/Automatic	E23	M30	83,84	6684
X5 4.4i A	E53	M62	2000,01,02,03	FB43
735i/Manual	E23	M30	85,86,87	6874
X5 4.4i A	E53	N62	2004,05	FB63
735i/Automatic	E23	M30	85,86,87	6884
X5 3.0i	E53	M54	2001,02,03	FA53
L7	E23	M30	86,87	6724
X5 3.0i A	E53	M54	2001,02,03	FA63
X5 3.0i	E53	M54	2004,05	FA13
735i/Automatic	E32	M30	88,89,90,91,92	GB43
X5 3.0i A	E53	M54	2004,05	FA23
735iL/Automatic	E32	M30	88,89,90,91,92	GC43
X5 4.6is A	E53	M62	2002,03	FB03
740i/Automatic	E32	M60	93,94	GD43
X5 4.8is A	E53	N62	2004,05	FA03
740iL/Automatic	E32	M60	93,94	GD83
MINI				
750iL/Automatic	E32	M70	88 Through 94	GC83
Cooper	R50	W10	2002,03,04,05	RC33
Cooper Automatic	R50	W10	2002,03,04,05	RC43
Cooper Convertible	R52	W10	2005	RF33
Cooper Conv. Automatic	R52	W10	2005	RF43
Cooper S	R53	W11	2002,03,04,05	RE33
Cooper S Convertible	R52	W11	2005	RH33
Cooper S Conv. Auto	R52	W11	2005	RH43

BMW Group Abbreviations and Acronyms

†T†A	Processed Vehicle Speed	IHKA	Automatic Heating and A/C
AB	Airbag	IHKR	Regulated Heating and A/C
ABS	Anti-lock Braking System	IHKS	Standard Heating and A/C
ADS	Engine Intake Air Control	IKE	Instrument Cluster Electronics
ADV	W/wiper Pressure Control	IR	Infrared
AGS	Adaptive Transmission Control	ISN	Individual Serial Number
AIC	Rain Sensor	K-Bus	Karosserie(body) bus
ASC	Automatic Slip Control	KL	Terminal Designation
ASC+T	ASC+Traction	KOMBI	Instrument Cluster
AST	Slip Control Marketing term	KW	Crankshaft
AUC	Automatic Air Recirculation	LCM	Lamp Check Module
B	Benzine (gasoline)	LDP	Leak Diagnosis Pump(fuel tank)
BC	Board Computer	LEV	Low Emissions Vehicle
BMBT	Board Monitor	LL	Closed Throttle
BS	Block Diagram	LSM	Seat /Steering Column Memory
CBC	Corner Braking Control	LSZ	Lamp Switching Center
CAN-Bus	Controller Area Network (bus)	LWR	Vertical Headlight Aiming
CCM	Check Control Module	LWS 5	Steering Angle Sensor
CVM	Convertible Top Module	MBC	Maximum Brake Control
D-Bus	Diagnosis Bus (same as TXD)	MDK	Motor Controlled Throttle Valve
DBC	Dynamic Brake Control	MFL	Multi-Function Steering Wheel
DCS	Dealer Communication System	MID	Multi-Information Display
DDE	Digital Diesel Electronics	MRS	Multiple Restraint System
DIN	German Industrial Standards	MSR	Engine Drag Torque Reduction
DIS	Diagnosis and Information	OBC	On-Board Computer
DISA	Differential Air Intake Control	OBD	On-Board Diagnosis (SAE)
DK	Throttle Housing	OPPS/OPS	Optical Testing & Programming System
DKI	Throttle Position	PB	Pin Assignments
DME	Digital Motor Electronics	P-BUS	Periphery Bus
DM-TL	Diag.Module Tank Leakage	PDC	Park Distance Control
DSC	Dynamic Stability Control	PWG	Pedal Position Sensor
DSP	Digital Sound Processing	RDC	Tire Pressure Control
DWA	Theft Deterrent System	RM	Relay Module
DWS	Tire Pressure Warning System	RPS	Rollover Protection System
EBV	Electronic Brake Proportioning	RXD	Wake-up Diagnosis Line
ECM	Engine control module (SAE)	RZV	Direct Stationary Ignition
EDC	Electronic Dampening Control	SB	Fuse Assignments
EDK	Electronic throttle valve	SBE	Seat Occupancy Detector
EGS	Electronic transmission control	SCA	Soft close Actuator
EHC	Electronic Height Control	SGS	Seat Integrated Belt System
EKM	Electronic Body Module	SHD	Sunroof Module
EKP	Electronic fuel pump	SM	Seat Module
ELV	Electronic Steering Lock	SP	Schematic
EM	Electro-Mechanical	ST	Connector Views
EML	Electronic Motor Load Regulation	SULEV	Super Ultra Low Emission Vehicle
EO	Component Location	SZM	Central Switch Center Module
EPC	Electronic Parts Catalog	TD	Engine Speed
ETM	Elec. Troubleshooting Manual	TLEV	Transitional Low Emission Vehicle
EWS	Electronic driveaway protection	ti	Injector on time
FB	Function Description	TU	Technically Updated
FBZV	Radio Frequency Locking System	TXD	Transmitting Diagnosis Line
GAL	Speed dependant volume	ULEV	Ultra Low Emission Vehicle
GM	Basic Module	VANOS	Variable Camshaft Timing
GRII	Cruise control	VL	Full load - wide open throttle
GT1	Group Tester	ZAE	Central Airbag Electronics
HDC	Hill Decent Control	ZKE	Central Body Electronics
HFM	Air mass meter	ZVM	Central locking Module
IB	Interior lighting control signal	ZWD	Idle Control Valve
I-Bus	Information Bus		