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Automotive technology

TITLE: Identifying BMW engine types

ISSUE: BMW use a system with six characters, the first three indicating the engine family and the next three indicating engine size. Example: "M30 B35" is a 6 cylinder engine of 3.5 litres.

Here is a list:

M10	4 cyl 1.5-2.0 l	ex: 318 i -84 (E30)
M20	6 cyl 2.0-2.7 l	ex: 520 i -86 (E28)
M21	6 cyl Diesel ex: 524 td -86	(E28)
M30	6 cyl 2.5-3.5 l	ex: 535i -91 (E34)
M40	4cyl 1.6-1.8 l	ex: 318 i -90 (E30)
M42	4 cyl 1.8 l 16v	ex: 318 is -90 (E30)
M43	4 cyl 1.8-1.9 l	ex: 316 i compact (E36/5)
M44	4 cyl 1.9 l	ex: Z3 -98
M50	6cyl 2.0-2.5 l 24v	ex: 525i -92 (E34)
M51	6 cyl Diesel ex: 525tds -93	(E34)
M52	6 cyl 2.3-2.8 l 24 v	ex: 328i -97 (E36)
M60	8 cyl 3.0-4.4 l 32 v	ex: 740i -98 (E38)
M70	12 cyl 5.0-5.6 l	ex: 750 iA -89 (E32)
M73	12 cyl	ex: 750iA -96 (E38)

The S stands for an engine developed by BMW Motorsport GmbH:

S14	4 cyl 2.3-2.5 l 16v	ex: M3 -87 E30
S38	6 cyl 3.6-3.8 l 24v	ex: M5 -90 E34
S50	6 cyl 3.0-3.2 l 24 v VANOS	ex: M3 -92 E36
S70	12 cyl 5.6 l	ex: 850CSi E31

Chassis list:

E12 500 series 1972-1980
 E23 700 series 1977-1986
 E24 600 series 1976-1990
 E28 500 series 1981-1987
 E30 300 series 1982-1990
 E31 800 series 1990-
 E32 700 series 1987-1994
 E34 500 series 1988-1995
 E36 300 series 1991-1997
 E38 700 series 1995-
 E39 500 series 1996-
 E46 300 series 1998-

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