

# Injectronics

## TECHNICAL BULLETIN

### BMW – VARIOUS

#T0045

**Make: BMW**

**Model: Various**

**Subject: Fuel system types**

The early 1970 3.0 model BMW use the Bosch 'D' Jetronic system. During the latter 1970 and early 1980's, BMW used carburation, K Jetronic, L Jetronic and Motronic. The Motronic systems to approx 1986 were a 35 pin control unit that did not have any fault code output. The later Motronic M1.1 was first used on the 7 Series E32 and then on the 5 Series E34. This system is a 55 pin ECM and on the 5 and 7 series vehicles was mounted in the right hand engine bay. This system did have fault codes. The following is a summary of the Bosch and Siemens systems used from this time.

Model	Engine Type	Control System type	Model Year
316I	M40	M1.3	1988-1991
318I	M40, M42, M43, M44	M1.3, M1.7, M1.7.2, M5.2	1988-1998
320I	M20, M50, M52	M1.3, M3.1, MS40, MS41.0, MS41.1	1988-1998
323I	M52	MS41.0, MS41.1	1995-1998
325I	M20, M50	M1.3, M3.1, M3.3.1	1988-1995
328I	M52	MS41.0, MS41.1	1995-1998
518I	M40	M1.3, M1.7	1991-1993
520I	M20, M50, M52	M1.1, M1.3, M3.1, M3.3.1, MS40.0, MS40.1, MS41.0, MS41.1	1988-1998
520td	M51	DDE2.2	1991-1995
523I	M52	MS41.0, MS41.1	1995-1998
525I	M20, M50	M1.1, M1.3, M3.1, M3.3.1	1988-1995
525td	M51	DDE2.2	1991-1995
528I	M52	MS41.0, MS41.1	1995-1998
530I	M60	M3.3	1993-1995
535I	M30, M62	M1.3, M5.2	1988-1998
540I	M60, M62	M3.3, M5.2	1993-1998
728i/il	M52	MS41.0, MS41.1	1996-1999
730i/il	M30, M60	M1.1, M1.3, M3.3	1986-1995
735i/il	M30, M62	M1.1, M1.3, M5.2	1986-1998
740i/il	M60, M62	M3.3, M5.2	1993-1998
750il	M70, S70, M73	M1.2, M1.7, M1.7.1, M5.2.1	1990-1999
850i/csi	M70, S70, M73	M1.2, M1.7, M1.7.1, M5.2.1	1990-1998

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M3	S50, M52	M3.3, MS41.2	1993-1997
M5	S38	M1.2, M3.3	1992-1995
Z3	M44, M52	M5.2, MS41.0, MS41.1	1996-1999