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## 4 CYL BMW ENGINES

### **M40B16 (76 kW)**

1988–1994 E30 316i

1990–1994 E36 316i

### **M40B18 (84 kW)**

1987–1994 E30 318i

1988–1994 E34 518i

1992–1993 E36 318i

### **M42B18 (103 kW)**

1989–1991 E30 318iS

1992–1996 E36 318i/318ti

1992–1996 E36 318iS

1996 Z3

### **M43B16 (75 kW)**

1993–1999 E36 316i

1998–2002 E46 316i

### **M43B18 (85 kW)**

1992–1998 E36 318i

1994–1996 E34 518i

1995–2001 E36 Z3 1.8

### **M43B19 (77 kW)**

1999–2000 E36 316i compact

1998–2001 E46 316i

### **M43B19 (87 kW)**

1998–2001 E46 318i/318Ci

2001–2003 BMW E36 Z3 1.9

### **M44B19 (103 kW)**

1996–2000 E36 318iS and 318ti

1996–2001 Z3 1.9

### **N42B18 (85 kW)**

2001–2004 E46 316i and 316ti

### **N42B20 (105 kW)**

2001–2004 E46 318i/318Ci/318ti

### **N43B16 (90 kW)**

2007–2011 E87 116i

2008 E90 316i

### **N43B20 (125 kW)**

2007–2011 E87 120i

2007–2011 E90 320i

2007–2011 E91 320i

2007–2011 E92 320i

2007–2009 E60 520i

## 6 CYL BMW ENGINES

### **M50B20 (110 kW)**

1990–1992 E34 520i

1991–1992 E36 320i

### **M50B20TU (110 kW)**

1992–1994 E36 320i

1992–1996 E34 520i

### **M50B25 (141 kW)**

1990–1992 E34 525i/525ix

1991–1992 E36 325i/325is

### **M50B25TU (141 kW)**

1993–1995 E36 325i/325is

1992–1996 E34 525i/525ix

### **S50B30 (210 kW)**

1992–1995 E36 M3

S50B32 (236 kW)

1996–1999 E36 M3

1996–1999 Z3

### **M52B20 (110 kW)**

1994–1999 E36 320i

1995–1999 E39 520i

### **M52TUB20 (110 kW)**

E36/7 Z3 2.0i

1998–2001 E46 320i/320Ci

1998–2001 E39 520i

### **M52B25 (125 kW)**

1995–1999 E36 323i/323ti

1995–1999 E39 523i

### **M52TUB25 (143 kW)**

1998–2000 E46 323is

2000 E46 323Ci

1998–2001 E39 523i

1998–2001 E36/7 Z3

### **M52B28 (144 kW)**

1995–2000 E36 328i

1995–1999 E39 528i

1995–1999 E38 728i/728iL

1997–1999 E36/7 Z3 2.8

1997–2000 Land Rover Defender

### **M52TUB28 (144 kW)**

1998–2000 E46 328i

2000 E46 328Ci

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## 4 CYL BMW ENGINES

### **N45B16 (85 kW)**

2004–2011 E87 116i E81

2006–2011 E90 316i E91

### **N45B20S (130 kW)**

2006 E90 320si

### **N46B18 (85 kW)**

2004-2005 E46 316i/316ti

### **N46B20 (90kW)**

E81/E87 116i

### **N46B20 (95kW)**

E87 118i

E90/E91 318i

### **N46B20 (100kW)**

E81/E87 118i

E90 318i

### **N46B20 (105kW)**

E46 318i, 318Ci and 318ti

### **N46B20 (105kW)**

E46 318Ci

E83 xDrive20i

E85 Z4 2.0i

E87 120i

E90/E91 320i

2009-current E84 sDrive18i

### **N46B20 (115kW)**

E81/E82/E87/E88 120i

E90/E91/E92/E93 320i

E60 520i

## 6 CYL BMW ENGINES

1998-2001 E36/7/8 Z3 2.8

1998-2001 E39 528i

1998-2001 E38 728i

### **M54B22 (125 kW)**

2001-2006 E46 320i/320Ci

2001-2003 E39 520i

2001-2002 Z3 2.2i

2003-2005 E85 Z4 2.2i

2003-2005 E60/E61 525i

### **M54B25 (141 kW)**

2001-2002 E36/7 Z3 2.5i

2001-2005 E46 325i/325xi

2001-2006 E46 325Ci

2001-2004 E46 325ti

2001-2004 E39 525i

2003-2005 E60/E61 525i/525xi

2004-2006 E83 X3 2.5i

2004-2006 E85 Z4 2.5i

### **M54B30 (170 kW)**

2000-2005 E46 330i/330xi

2000-2006 E46 330Ci

2000-2003 E39 530i

2000-2002 E36 Z3 3.0i

2003-2005 E60 530i

2003-2005 E85 Z4 3.0i

2004-2006 E83 X3 3.0i

2001-2006 E53 X5 3.0i

2002-2005 E65 730i, 730Li