


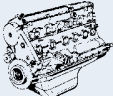




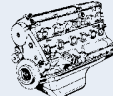



**BMW**

**ARBOL DE LEVAS**  
CAMSHAFT  
ARBRE A CAMES  
NOCKENWELLE  
COMANDO VALVULAS  
РАСПРЕДЕЛИТЕЛЬНЫЙ ВАЛ  
凸轮传动轴



09-2008

# BMW

						No.	Pag	Block							No.	Pag	Block
		→	←								→	←					
315	1573	M10	1981		84	4	4	1	525e	2693	M20(276KB)	1987		84	6	8	26
316	1573	M10	1978		84	4	4	1	525i	2494	M30	1981		86	6	5	12
316	1766	M10(184EB)	1980	8	89	4	4	4	525i 24V	2494	M50(256S1)	1989	9	84	6	6	16
316i	1596	M40(164E1)	1988	8	84	4	4	2	525i 24V	2494	M50(256S2)	1992		84	6	6	17
316i KAT	1766	M10(184KA)	1987	8	89	4	4	5	525i KAT	2494	M20(256K1/2)	1988		84	6	5	15
318i	1796	M40(184E1)	1987	8	84	4	4	6	525ix 24V	2494	M50(256S1)	1989	9	84	6	6	16
318i (USA)	1766	M10(184KA)	1979	7	89	4	4	3	525ix 24V	2494	M50(256S2)	1992		84	6	6	17
318i KAT	1766	M10(184KA)	1980	9	89	4	4	5	525td	2498	M51(256T1)	1992	1	80	6	7	22
320i	1990	M20(206KA)	1982		80	6	4	7	525td	2498	M51(256T1)	1994		80	6	7	23
320i	1990	206EE	1988	12	80	6	4	7	525tds	2498	M51(256T1-L)	1990	9	80	6	7	21
320i (USA)	1766	M10(184KA)	1979	7	89	4	4	3	525tds	2498	M51(256T1-L)	1992	1	80	6	7	22
320i 24V	1991	M52(206S3)	1994	8	80	6	4	8	525tds	2498	M51(256T1-L)	1994		80	6	7	23
320i 24V	1991	M52(206S3)	1995	8	80	6	5	9	528e (USA/JAPAN)	2693	M20(276KA)	1981		84	6	7	25
323i	2315	M20(236EE)	1982	8	80	6	5	10	528i	2788	M30	1978	4	86	6	8	27
323i 24V	2494	M52(256S3)	1995	9	84	6	6	19	528i	2788	M30	1981		86	6	8	29
323i 24V	2494	M52(256S3)	1995	8	84	6	7	20	528i 24V	2793	M52(286S1)	1995	8	84	6	8	31
323ti 24V	2494	M52(256S3)	1995	8	84	6	7	20	528i 24V	2793	M52(286S2)	1998		84	6	8	32
324d	2443	M21(246D)	1985		80	6	5	11	535i	3453	M30	1980	5	93.5	6	9	37
324td	2443	M21(246TB)	1987		80	6	5	11	628csi	2788	M30	1978	4	86	6	8	27
325e	2693	M20(276KA)	1983	12	84	6	7	25	628csi	2788	M30	1981		86	6	8	29
325e	2693	M20(276KB)	1987		84	6	8	26	633csi	3210	M30	1979	8	89	6	9	33
325i	2494	M20(256E1/2)	1985	10	84	6	5	13	633csi	3210	M30	1980		89	6	9	34
325i 24V	2494	M50(256S1)	1989	9	84	6	6	16	635csi	3430	M30(346EB/C)	1982	6	92	6	9	36
325i 24V	2494	M50(256S2)	1992		84	6	6	18	635csi	3453	M30	1978	8	93.5	6	9	37
325ix	2494	M20(256K1/A)	1985	10	84	6	5	14	635csi	3453	M30	1980	4	93.4	6	9	38
325td	2498	M51(256T1)	1991	9	80	6	7	21	725tds	2498	M51(256T1)	1995		80	6	7	24
325td	2498	M51(256T1)	1992	1	80	6	7	22	728i	2788	M30	1978	4	86	6	8	27
325td	2498	M51(256T1)	1994		80	6	7	23	728i	2788	M30	1981		86	6	8	28
325tds	2498	M51(256T1-L)	1993	1	80	6	7	22	728i 24V	2793	M52(286S1)	1995	8	84	6	8	31
325tds	2498	M51(256T1-L)	1994		80	6	7	23	728i 24V	2793	M52(286S2)	1998		84	6	8	32
328ci 24V	2793	M52(286S2)	1998		84	6	8	32	732i	3210	M30	1980		89	6	9	34
328i 24V	2793	M52(286S1)	1995	8	84	6	8	30	733i	3210	M30	1979	8	89	6	9	33
328i 24V	2793	M52(286S1)	1995	8	84	6	8	31	733i (USA)	3210	M30	1981		89	6	9	35
328i 24V	2793	M52(286S2)	1998		84	6	8	32	735i	3430	M30(346EB/C)	1982		92	6	9	36
518i	1766	M10(184KA)	1980		89	4	4	3	735i	3453	M30	1978	8	93.5	6	9	37
518i	1796	M40(184E1)	1989	4	84	4	4	6	735i	3453	M30	1980	4	93.4	6	9	38
520i	1990	M20(206KA)	1982		80	6	4	7	Z1	2494	M20(256K1/2)	1988		84	6	5	15
520i	1990	206EE	1987	12	80	6	4	7	Z3 24V	2793	M52(286S1)	1996	8	84	6	8	31
520i 24V	1991	M52(206S3)	1995	8	80	6	5	9	Z3 24V	2793	M52(286S2)	1998		84	6	8	32
523i 24V	2494	M52(256S3)	1995	8	84	6	7	20									
524d	2443	M21(246DA)	1986		80	6	5	11									
524td	2443	M21(246TA)	1982		80	6	5	11									
524td	2443	246TB	1987	12	80	6	5	11									
525e	2693	M20(276KA)	1983	12	84	6	7	25									

[illegible]

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		Ordenado por Sorted by Ordre selon ↓ C. C.	(CV) (HP)		1 2 → ←						REF.	NOTAS Notes Notes	 mm
1	316 315	1573 1573	90 75	M10 M10	8	1978 1981			84 84		 93031700	(315)	476.5
2	316i	1596	100	M40(164E1)	10	1988	8	1993	84	85000900 (x8)	 93008100		435
3	320i (USA) 318i (USA) 518i	1766 1766 1766	125 125 105	M10(184KA) M10(184KA) M10(184KA)	7 7 9	1979 1979 1980	7 7 7	1982 1982 1984	89 89 89		 93031700	(318i, 518i)	476.5
4	316	1766	90	M10(184EB)	9	1980	8	1987	89		 93031700		476.5
5	318i KAT 316i KAT	1766 1766	102 102	M10(184KA) M10(184KA)	9 9	1980 1987	9 8	1987 1988	89 89		 93031700		476.5
6	318i 518i	1796 1796	113 113	M40(184E1) M40(184E1)	9 4	1987 1989	8 4	1993 1994	84 84	85000900 (x8)	 93008100		435
7	520i 320i 520i 320i	1990 1990 1990 1990	125/129 125/129 130 130	M20(206KA) M20(206KA) 206EE 206EE	9 9 1 1	1982 1982 1987 1988		1990 1993 1990 1991	80 80 80 80		 93030300	(CEMENTADO)	597.5
8	320i 24V (DOHC)	1991	150	M52(206S3)	9	1994	8	1995	80	85004500 (x24)	 93031500 (ADM-IN)  93007900 (ESC-EX)		604.5  601

◀ = Lado izquierdo - Left side - Cote gauche

▶ = Lado derecho - Right side - Cote droit

# BMW

		Ordenado por Sorted by Ordre selon ↓	(CV) (HP)								REF.	NOTAS Notes Notes	
9	520i 24V 320i 24V (DOHC)	1991 1991	150 150	M52(206S3) M52(206S3)	9 9	1995 1995	8 8	1998 1998	80 80	85004500 (x24)	93031500 (ADM-IN)  93007900 (ESC-EX)		604.5  601
10	323i	2315	139/150	M20(236EE)	9	1982	8	1986	80				597.5
11	DIESEL 524td 324d 524d 524td 324td	2443 2443 2443 2443 2443	115 86 86 115 115	M21(246TA) M21(246D) M21(246DA) 246TB M21(246TB)	1 1	1982 1985 1986 1987 1987	12 12	1987 1990 1987 1991 1993	80 80 80 80 80		  	97.4° (324d, 524d)  95.5° (324td, 524td)	597.5  597.5
12	525i	2494	150	M30	6	1981		1987	86				671.9
13	325i	2494	171	M20(256E1/2)		1985	10	1993	84			135.6° (EXCEPTO Mot.NIEDERVERDICHT)	597.5
14	325ix	2494	171	M20(256K1/A)		1985	10	1993	84		 	134.9° (TOURING, 2 P, 4 P CON KAT)  135.6° (4 P SIN KAT)	597.5  597.5
15	525i KAT Z1	2494 2494	171 175	M20(256K1/2) M20(256K1/2)	2 7	1988 1988		1990 1993	84 84			135.6°	597.5

◀ = Lado izquierdo - Left side - Cote gauche

▶ = Lado derecho - Right side - Cote droit

**BMW**

		Ordenado por Sorted by Ordre selon ↓ C.C.	(CV) (HP)		1 2						REF.	NOTAS Notes Notes	 mm
16 	525i 24V 525ix 24V 325i 24V (DOHC)	2494	192	M50(256S1)	8	1989	9	1992	84	85001000 (x24)	93029400 (ADM-IN)	(325i 24V)	604.5
			192	M50(256S1)	8	1989	9	1992	84		93029500 (ESC-EX)	(325i 24V)	601.3
			192	M50(256S1)	8	1989	9	1992	84		93031300 (ADM-IN)	(525i 24V, 525ix 24V)	600.9
											93036400 (ESC-EX)	(525i 24V, 525ix 24V)	601.9
17 	525i 24V 525ix 24V (DOHC)	2494	192	M50(256S2)	9	1992		1996	84	85007400 (x24)	93029400 (ADM-IN)	(1992-1994)	604.5
			192	M50(256S2)	9	1992		1996	84		93029500 (ESC-EX)	(1992-1994)	601.3
											93031500 (ADM-IN)	(1994>)	604.5
											93007900 (ESC-EX)	(1994>)	601
18 	325i 24V (DOHC)	2494	192	M50(256S2)	9	1992		1997	84	85007400 (x24)	93029400 (ADM-IN)		604.5
											93029500 (ESC-EX)		601.3
19 	323i 24V (DOHC)	2494	170	M52(256S3)	5	1995	9	1995	84	85004500 (x24)	93031500 (ADM-IN)		604.5
											93007900 (ESC-EX)		601

◀ = Lado izquierdo - Left side - Cote gauche

▶ = Lado derecho - Right side - Cote droit

**BMW**

		Ordenado por Sorted by Ordre selon ↓	(CV) (HP)								REF.	NOTAS Notes Notes	 mm
20		c.c.			→	←							
21					→	←							
22					→	←							
23					→	←							
24					→	←							
25					→	←							


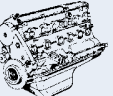














◀ = Lado izquierdo - Left side - Cote gauche

▶ = Lado derecho - Right side - Cote droit

**BMW**

- 7 -

# BMW

		Ordenado por Sorted by Ordre selon ↓ C. C.	(CV) (HP)		1 2 → ←							
										REF.	NOTAS Notes Notes	
26		325e	2693	123	M20(276KB)	1987	1990	84		93032100	(325e, 525e) (CON KAT)	598.5
		525e	2693	123	M20(276KB)	1987		84		93032500	(525e) (SIN KAT)	597.4
27		728i	2788	184	M30	6 1978	4 1981	86		93079100		672
		528i	2788	174	M30	9 1978	4 1981	86		93030400	(CEMENTADO)	672
		628csi	2788	184	M30	1978	4 1981	86				
28		728i	2788	184	M30	5 1981		86		93079100		672
										93030400	(CEMENTADO)	672
29		528i	2788	150	M30	5 1981		86		93079100		672
		628csi	2788	184	M30	5 1981		86		93030400	(CEMENTADO)	672
30		328i 24V (DOHC)	2793	170	M52(286S1)	1 1995	8 1995	84	85004500 (x24)	93173700 (ADM-IN)		
										93007900 (ESC-EX)		601
31		328i 24V	2793	193	M52(286S1)	9 1995	8 1998	84	85004500 (x24)	93173700 (ADM-IN)		
		528i 24V	2793	193	M52(286S1)	9 1995	8 1998	84				
		728i 24V	2793	193	M52(286S1)	9 1995	8 1998	84				
		Z3 24V (DOHC)	2793	193	M52(286S1)	3 1996	8 1998	84		93007900 (ESC-EX)		601
32		328i 24V	2793	193	M52(286S2)	9 1998		84	85004500 (x24)	93173700 (ADM-IN)		
		328ci 24V	2793	193	M52(286S2)	9 1998		84				
		528i 24V	2793	193	M52(286S2)	9 1998		84				
		728i 24V	2793	193	M52(286S2)	9 1998		84				
		Z3 24V (DOHC)	2793	193	M52(286S2)	9 1998		84		93007900 (ESC-EX)		601

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		Ordenado por Sorted by Ordre selon ↓ c.c.	(CV) (HP)		1 2 → ← 						REF.	NOTAS Notes Notes	 mm
<b>33</b> 	633csi 733i	3210	200	M30 M30	9	1979	8	1980	89		 93097800	(633csi)	668.4
		3210	197		9	1979	8	1980				(733i)	672
<b>34</b> 	633csi 732i	3210	200	M30 M30		1980		1980	89		 93097800	(633csi) (732i <01/1984)	668.4
<b>35</b> 	733i (USA)	3210	183	M30	9	1981			89		 93079100		672
<b>36</b> 	635csi 735i	3430 3430	218 218	M30(346EB/C) M30(346EB/C)	5 9	1982 1982	6	1987	92 92		 93097800	(<01/1984)	668.4
<b>37</b> 	635csi 735i 535i	3453 3453 3453	218 218 218	M30 M30 M30	6 6 4	1978 1978 1980	8 8 5	1980 1980 1981	93.5 93.5 93.5		 93079100		672
<b>38</b> 	635csi 735i	3453 3453	218 218	M30 M30	9 9	1980 1980	4 4	1982 1982	93.4 93.4		 93097800		668.4

◀ = Lado izquierdo - Left side - Cote gauche

▶ = Lado derecho - Right side - Cote droit