

BMW

PARTNUMBER POSITION TYPE DIAM HEIGHT CNTR HOLE THICKNESS MIN THICK STUD NOTES

120i

Model Detail 2.0			Year 2003-07			Chassis E87		
ZR03.073.01	FRONT		292	73	79	22	20.4	5
ZR03.073.02	FRONT		292	73	79	22	20.4	5
ZR03.073.04	FRONT		292	73	79	22	20.4	5

Model Detail 2.0			Year 2007-11			Chassis E87		
ZR03.053.01	FRONT		300	73.7	79	24	22.4	5
ZR03.053.02	FRONT	S6	300	73.7	79	24	22.4	5

130i

Model Detail 3.0			Year 2007-12			Chassis E82		
ZR03.054.01	FRONT	STANDARD	330	73	79	24	22.4	5
ZR03.054.02	FRONT	S6	330	73	79	24	22.4	5
ZR03.054.03	FRONT	S12	330	73	79	24	22.4	5
ZR03.054.04	FRONT	DDS	330	73	79	24	22.4	5
ZR03.071.01	REAR	STANDARD	300	76	75	20	18.4	5
ZR03.071.02	REAR	S6	300	76	75	20	18.4	5
ZR03.071.03	REAR	S12	300	76	75	20	18.4	5
ZR03.071.04	REAR	DDS	300	76	75	20	18.4	5

135i

Model Detail 3.0 TURBO			Year 2007-12			Chassis E82		
ZR03.077.01	FRONT		338	73	79	26	24.4	5
ZR03.077.02	FRONT		338	73	79	26	24.4	5
ZR03.077.03	FRONT		338	73	79	26	24.4	5
ZR03.077.04	FRONT		338	73	79	26	24.4	5
ZR03.079.01	REAR		324	77	75	22	20.4	5
ZR03.079.02	REAR		324	77	75	22	20.4	5
ZR03.079.03	REAR		324	77	75	22	20.4	5
ZR03.079.04	REAR		324	77	75	22	20.4	5

316i (E30)

Model Detail 1.6			Year 1982-88			Chassis E30		
ZR03.018.01	FRONT	STANDARD	260	35	66	12.6	11.1	4
ZR03.018.02	FRONT	S6	260	35	66	12.6	11.1	4
ZR03.018.03	FRONT	S12	260	35	66	12.6	11.1	4
ZR03.018.04	FRONT	DDS	260	35	66	12.6	11.1	4

Model Detail 1.6 TOURING			Year 1991-93			Chassis E30		
ZR03.019.01	FRONT	STANDARD	260	35	66	21.9	20.4	4
ZR03.019.02	FRONT	S6	260	35	66	21.9	20.4	4
ZR03.019.03	FRONT	S12	260	35	66	21.9	20.4	4
ZR03.019.04	FRONT	DDS	260	35	66	21.9	20.4	4

316i (E36)

Model Detail 1.6			Year 1990-98			Chassis E36		
ZR03.029.01	FRONT	STANDARD	286	51.5	79	11.9	10.4	5
ZR03.029.02	FRONT	S6	286	51.5	79	11.9	10.4	5
ZR03.029.03	FRONT	S12	286	51.5	79	11.9	10.4	5
ZR03.029.04	FRONT	DDS	286	51.5	79	11.9	10.4	5

Model Detail 1.6 COMPACT			Year 1993-			Chassis E36		
ZR03.029.01	FRONT	STANDARD	286	51.5	79	11.9	10.4	5
ZR03.029.02	FRONT	S6	286	51.5	79	11.9	10.4	5
ZR03.029.03	FRONT	S12	286	51.5	79	11.9	10.4	5

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PARTNUMBER POSITION TYPE DIAM HEIGHT CNTR HOLE THICKNESS MIN THICK STUD NOTES

ZR03.029.04 FRONT DDS 286 51.5 79 11.9 10.4 5

Model Detail 1.6 TOURING Year 1997-99 Chassis E36

ZR03.029.01 FRONT STANDARD 286 51.5 79 11.9 10.4 5

ZR03.029.02 FRONT S6 286 51.5 79 11.9 10.4 5

ZR03.029.03 FRONT S12 286 51.5 79 11.9 10.4 5

ZR03.029.04 FRONT DDS 286 51.5 79 11.9 10.4 5

ZR03.002.01 REAR STANDARD 280 60 75 9.9 8.4 5

ZR03.002.02 REAR S6 280 60 75 9.9 8.4 5

ZR03.002.03 REAR S12 280 60 75 9.9 8.4 5

ZR03.002.04 REAR DDS 280 60 75 9.9 8.4 5

316i (E46)

Model Detail 1.6 Year 1998- Chassis E46

ZR03.030.01 FRONT STANDARD 286 51.5 79 21.9 20.4 5

ZR03.030.02 FRONT S6 286 51.5 79 21.9 20.4 5

ZR03.030.03 FRONT S12 286 51.5 79 21.9 20.4 5

ZR03.030.04 FRONT DDS 286 51.5 79 21.9 20.4 5

ZR03.002.01 REAR STANDARD 280 60 75 9.9 8.4 5

ZR03.002.02 REAR S6 280 60 75 9.9 8.4 5

ZR03.002.03 REAR S12 280 60 75 9.9 8.4 5

ZR03.002.04 REAR DDS 280 60 75 9.9 8.4 5

318i (E30)

Model Detail 1.8 Year 1982-91 Chassis E30

ZR03.018.01 FRONT STANDARD 260 35 66 12.6 11.1 4

ZR03.018.02 FRONT S6 260 35 66 12.6 11.1 4

ZR03.018.03 FRONT S12 260 35 66 12.6 11.1 4

ZR03.018.04 FRONT DDS 260 35 66 12.6 11.1 4

ZR03.037.01 REAR STANDARD 258 60 62 9.9 8.4 4

ZR03.037.02 REAR S6 258 60 62 9.9 8.4 4

ZR03.037.03 REAR S12 258 60 62 9.9 8.4 4

ZR03.037.04 REAR DDS 258 60 62 9.9 8.4 4

Model Detail 1.8 TOURING Year 1990-93 Chassis E30

ZR03.019.01 FRONT STANDARD 260 35 66 21.9 20.4 4

ZR03.019.02 FRONT S6 260 35 66 21.9 20.4 4

ZR03.019.03 FRONT S12 260 35 66 21.9 20.4 4

ZR03.019.04 FRONT DDS 260 35 66 21.9 20.4 4

ZR03.037.01 REAR STANDARD 258 60 62 9.9 8.4 4

ZR03.037.02 REAR S6 258 60 62 9.9 8.4 4

ZR03.037.03 REAR S12 258 60 62 9.9 8.4 4

ZR03.037.04 REAR DDS 258 60 62 9.9 8.4 4

318i (E36)

Model Detail 1.8 Year 1990-98 Chassis E36

ZR03.029.01 FRONT STANDARD 286 51.5 79 11.9 10.4 5

ZR03.029.02 FRONT S6 286 51.5 79 11.9 10.4 5

ZR03.029.03 FRONT S12 286 51.5 79 11.9 10.4 5

ZR03.029.04 FRONT DDS 286 51.5 79 11.9 10.4 5

ZR03.002.01 REAR STANDARD 280 60 75 9.9 8.4 5

ZR03.002.02 REAR S6 280 60 75 9.9 8.4 5

ZR03.002.03 REAR S12 280 60 75 9.9 8.4 5

ZR03.002.04 REAR DDS 280 60 75 9.9 8.4 5

Model Detail 1.8 iS SPORT Year 1992-98 Chassis E36

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PARTNUMBER	POSITION	TYPE	DIAM	HEIGHT	CNTR HOLE	THICKNESS	MIN THICK	STUD	NOTES
ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5	
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5	
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5	
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5	
ZR03.002.01	REAR	STANDARD	280	60	75	9.9	8.4	5	
ZR03.002.02	REAR	S6	280	60	75	9.9	8.4	5	
ZR03.002.03	REAR	S12	280	60	75	9.9	8.4	5	
ZR03.002.04	REAR	DDS	280	60	75	9.9	8.4	5	

318i (E46)

Model Detail 1.8 Year 1998- Chassis E46

ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5	
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5	
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5	
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5	
ZR03.002.01	REAR	STANDARD	280	60	75	9.9	8.4	5	
ZR03.002.02	REAR	S6	280	60	75	9.9	8.4	5	
ZR03.002.03	REAR	S12	280	60	75	9.9	8.4	5	
ZR03.002.04	REAR	DDS	280	60	75	9.9	8.4	5	

Model Detail 1.8 DIESEL TURBO Year 1998- Chassis E46

ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5	
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5	
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5	
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5	
ZR03.002.01	REAR	STANDARD	280	60	75	9.9	8.4	5	
ZR03.002.02	REAR	S6	280	60	75	9.9	8.4	5	
ZR03.002.03	REAR	S12	280	60	75	9.9	8.4	5	
ZR03.002.04	REAR	DDS	280	60	75	9.9	8.4	5	

318Ti (E36)

Model Detail 1.8 TI COMPACT Year 1996- Chassis E36

ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5	
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5	
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5	
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5	
ZR03.065.01	REAR		272	78	75	10	8.4	5	
ZR03.065.02	REAR		272	78	75	10	8.4	5	

318Ti (E46)

Model Detail 1.8 Ti COMPACT Year 2001- Chassis E46

ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5	
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5	
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5	
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5	
ZR03.036.01	REAR	STANDARD	276	60	75	19	17.4	5	
ZR03.036.02	REAR	S6	276	60	75	19	17.4	5	
ZR03.036.03	REAR	S12	276	60	75	19	17.4	5	
ZR03.036.04	REAR	DDS	276	60	75	19	17.4	5	

320i (E30)

Model Detail 2.0 Year 1982-90 Chassis E30

ZR03.019.01	FRONT	STANDARD	260	35	66	21.9	20.4	4	
ZR03.019.02	FRONT	S6	260	35	66	21.9	20.4	4	
ZR03.019.03	FRONT	S12	260	35	66	21.9	20.4	4	

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PARTNUMBER	POSITION	TYPE	DIAM	HEIGHT	CNTR HOLE	THICKNESS	MIN THICK	STUD	NOTES
ZR03.019.04	FRONT	DDS	260	35	66	21.9	20.4	4	
ZR03.037.01	REAR	STANDARD	258	60	62	9.9	8.4	4	
ZR03.037.02	REAR	S6	258	60	62	9.9	8.4	4	
ZR03.037.03	REAR	S12	258	60	62	9.9	8.4	4	
ZR03.037.04	REAR	DDS	258	60	62	9.9	8.4	4	

320i (E36)

Model Detail 2.0 Year 1990-98 Chassis E36

ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5	
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5	
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5	
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5	
ZR03.002.01	REAR	STANDARD	280	60	75	9.9	8.4	5	
ZR03.002.02	REAR	S6	280	60	75	9.9	8.4	5	
ZR03.002.03	REAR	S12	280	60	75	9.9	8.4	5	
ZR03.002.04	REAR	DDS	280	60	75	9.9	8.4	5	

320i (E46)

Model Detail 2.0 DIESEL Year 1998- Chassis E46

ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5	
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5	
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5	
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5	
ZR03.036.01	REAR	STANDARD	276	60	75	19	17.4	5	
ZR03.036.02	REAR	S6	276	60	75	19	17.4	5	
ZR03.036.03	REAR	S12	276	60	75	19	17.4	5	
ZR03.036.04	REAR	DDS	276	60	75	19	17.4	5	

Model Detail 2.0 Year 1998- Chassis E46

ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5	
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5	
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5	
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5	
ZR03.036.01	REAR	STANDARD	276	60	75	19	17.4	5	
ZR03.036.02	REAR	S6	276	60	75	19	17.4	5	
ZR03.036.03	REAR	S12	276	60	75	19	17.4	5	
ZR03.036.04	REAR	DDS	276	60	75	19	17.4	5	

320i (E90)

Model Detail 2.0 Year 2005-12 Chassis E90

ZR03.073.01	FRONT		292	73	79	22	20.4	5	
ZR03.073.02	FRONT		292	73	79	22	20.4	5	
ZR03.073.04	FRONT		292	73	79	22	20.4	5	
ZR03.074.01	REAR		296	65.5	75	10.5	8.9	5	161mm H/Brake
ZR03.074.02	REAR		296	65.5	75	10.5	8.9	5	161mm H/Brake
ZR03.074.04	REAR		296	65.5	75	10.5	8.9	5	161mm H/Brake

323i (E30)

Model Detail 2.3 Year 1981-86 Chassis E30

ZR03.019.01	FRONT	STANDARD	260	35	66	21.9	20.4	4	
ZR03.019.02	FRONT	S6	260	35	66	21.9	20.4	4	
ZR03.019.03	FRONT	S12	260	35	66	21.9	20.4	4	
ZR03.019.04	FRONT	DDS	260	35	66	21.9	20.4	4	
ZR03.037.01	REAR	STANDARD	258	60	62	9.9	8.4	4	
ZR03.037.02	REAR	S6	258	60	62	9.9	8.4	4	
ZR03.037.03	REAR	S12	258	60	62	9.9	8.4	4	

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<u>PARTNUMBER</u>	<u>POSITION</u>	<u>TYPE</u>	<u>DIAM</u>	<u>HEIGHT</u>	<u>CNTR HOLE</u>	<u>THICKNESS</u>	<u>MIN THICK</u>	<u>STUD</u>	<u>NOTES</u>
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ZR03.037.04	REAR	DDS	258	60	62	9.9	8.4	4	
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323i (E36)

Model Detail	2.3	Year	1995-98	Chassis	E36
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ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5
ZR03.036.01	REAR	STANDARD	276	60	75	19	17.4	5
ZR03.036.02	REAR	S6	276	60	75	19	17.4	5
ZR03.036.03	REAR	S12	276	60	75	19	17.4	5
ZR03.036.04	REAR	DDS	276	60	75	19	17.4	5

Model Detail	2.3 Ti COMPACT	Year	1997-00	Chassis	E36
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ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5
ZR03.036.01	REAR	STANDARD	276	60	75	19	17.4	5
ZR03.036.02	REAR	S6	276	60	75	19	17.4	5
ZR03.036.03	REAR	S12	276	60	75	19	17.4	5
ZR03.036.04	REAR	DDS	276	60	75	19	17.4	5

323i (E46)

Model Detail	2.3	Year	1998-	Chassis	E46
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ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5
ZR03.036.01	REAR	STANDARD	276	60	75	19	17.4	5
ZR03.036.02	REAR	S6	276	60	75	19	17.4	5
ZR03.036.03	REAR	S12	276	60	75	19	17.4	5
ZR03.036.04	REAR	DDS	276	60	75	19	17.4	5

Model Detail	2.3 Ci	Year	1999-00	Chassis	E46
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ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5
ZR03.007.01	REAR	STANDARD	294	59.5	75	19	17.4	5
ZR03.007.02	REAR	S6	294	59.5	75	19	17.4	5
ZR03.007.03	REAR	S12	294	59.5	75	19	17.4	5
ZR03.007.04	REAR	DDS	294	59.5	75	19	17.4	5

324i (E30)

Model Detail	2.4 DIESEL TURBO	Year	1985-91	Chassis	E30
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ZR03.019.01	FRONT	STANDARD	260	35	66	21.9	20.4	4
ZR03.019.02	FRONT	S6	260	35	66	21.9	20.4	4
ZR03.019.03	FRONT	S12	260	35	66	21.9	20.4	4
ZR03.019.04	FRONT	DDS	260	35	66	21.9	20.4	4
ZR03.037.01	REAR	STANDARD	258	60	62	9.9	8.4	4
ZR03.037.02	REAR	S6	258	60	62	9.9	8.4	4
ZR03.037.03	REAR	S12	258	60	62	9.9	8.4	4
ZR03.037.04	REAR	DDS	258	60	62	9.9	8.4	4

325i (E30)

BMW

PARTNUMBER POSITION TYPE DIAM HEIGHT CNTR HOLE THICKNESS MIN THICK STUD NOTES

Model Detail 2.5 Year 1985-91 Chassis E30

ZR03.019.01	FRONT	STANDARD	260	35	66	21.9	20.4	4
ZR03.019.02	FRONT	S6	260	35	66	21.9	20.4	4
ZR03.019.03	FRONT	S12	260	35	66	21.9	20.4	4
ZR03.019.04	FRONT	DDS	260	35	66	21.9	20.4	4
ZR03.037.01	REAR	STANDARD	258	60	62	9.9	8.4	4
ZR03.037.02	REAR	S6	258	60	62	9.9	8.4	4
ZR03.037.03	REAR	S12	258	60	62	9.9	8.4	4
ZR03.037.04	REAR	DDS	258	60	62	9.9	8.4	4

325i (E36)

Model Detail 2.5 Year 1990-98 Chassis E36

ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5
ZR03.002.01	REAR	STANDARD	280	60	75	9.9	8.4	5
ZR03.002.02	REAR	S6	280	60	75	9.9	8.4	5
ZR03.002.03	REAR	S12	280	60	75	9.9	8.4	5
ZR03.002.04	REAR	DDS	280	60	75	9.9	8.4	5

Model Detail 2.5 DIESEL TURBO Year 1991- Chassis E36

ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5
ZR03.002.01	REAR	STANDARD	280	60	75	9.9	8.4	5
ZR03.002.02	REAR	S6	280	60	75	9.9	8.4	5
ZR03.002.03	REAR	S12	280	60	75	9.9	8.4	5
ZR03.002.04	REAR	DDS	280	60	75	9.9	8.4	5

325i (E46)

Model Detail 2.5 Year 1998-99 Chassis E46

ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5
ZR03.036.01	REAR	STANDARD	276	60	75	19	17.4	5
ZR03.036.02	REAR	S6	276	60	75	19	17.4	5
ZR03.036.03	REAR	S12	276	60	75	19	17.4	5
ZR03.036.04	REAR	DDS	276	60	75	19	17.4	5

Model Detail 2.5 Year 1999- Chassis E46

ZR03.006.01	FRONT	STANDARD	300	51.5	79	22	20.4	5
ZR03.006.02	FRONT	S6	300	51.5	79	22	20.4	5
ZR03.006.03	FRONT	S12	300	51.5	79	22	20.4	5
ZR03.006.04	FRONT	DDS	300	51.5	79	22	20.4	5
ZR03.007.01	REAR	STANDARD	294	59.5	75	19	17.4	5
ZR03.007.02	REAR	S6	294	59.5	75	19	17.4	5
ZR03.007.03	REAR	S12	294	59.5	75	19	17.4	5
ZR03.007.04	REAR	DDS	294	59.5	75	19	17.4	5

325iX (E30)

Model Detail 2.5 4WD Year 1985-91 Chassis E30

ZR03.019.01	FRONT	STANDARD	260	35	66	21.9	20.4	4
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BMW

PARTNUMBER	POSITION	TYPE	DIAM	HEIGHT	CNTR HOLE	THICKNESS	MIN THICK	STUD	NOTES
ZR03.019.02	FRONT	S6	260	35	66	21.9	20.4	4	
ZR03.019.03	FRONT	S12	260	35	66	21.9	20.4	4	
ZR03.019.04	FRONT	DDS	260	35	66	21.9	20.4	4	

328i (E36)

Model Detail	2.8	Year	1995-98	Chassis	E36				
ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5	
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5	
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5	
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5	
ZR03.036.01	REAR	STANDARD	276	60	75	19	17.4	5	VENTED
ZR03.036.02	REAR	S6	276	60	75	19	17.4	5	VENTED
ZR03.036.03	REAR	S12	276	60	75	19	17.4	5	VENTED
ZR03.036.04	REAR	DDS	276	60	75	19	17.4	5	VENTED

328i (E46)

Model Detail	2.8	Year	1998-00	Chassis	E46				
ZR03.006.01	FRONT	STANDARD	300	51.5	79	22	20.4	5	
ZR03.006.02	FRONT	S6	300	51.5	79	22	20.4		
ZR03.006.03	FRONT	S12	300	51.5	79	22	20.4		
ZR03.006.04	FRONT	DDS	300	51.5	79	22	20.4		
ZR03.007.01	REAR	STANDARD	294	59.5	75	19	17.4	5	
ZR03.007.02	REAR	S6	294	59.5	75	19	17.4	5	
ZR03.007.03	REAR	S12	294	59.5	75	19	17.4	5	
ZR03.007.04	REAR	DDS	294	59.5	75	19	17.4	5	

Model Detail	2.8 Ci	Year	1998-00	Chassis	E46				
ZR03.006.01	FRONT	STANDARD	300	51.5	79	22	20.4	5	
ZR03.006.02	FRONT	S6	300	51.5	79	22	20.4		
ZR03.006.03	FRONT	S12	300	51.5	79	22	20.4		
ZR03.006.04	FRONT	DDS	300	51.5	79	22	20.4		
ZR03.007.01	REAR	STANDARD	294	59.5	75	19	17.4	5	
ZR03.007.02	REAR	S6	294	59.5	75	19	17.4	5	
ZR03.007.03	REAR	S12	294	59.5	75	19	17.4	5	
ZR03.007.04	REAR	DDS	294	59.5	75	19	17.4	5	

Model Detail	2.8 TOURING	Year	1998-00	Chassis	E46				
ZR03.006.01	FRONT	STANDARD	300	51.5	79	22	20.4	5	
ZR03.006.02	FRONT	S6	300	51.5	79	22	20.4		
ZR03.006.03	FRONT	S12	300	51.5	79	22	20.4		
ZR03.006.04	FRONT	DDS	300	51.5	79	22	20.4		
ZR03.007.01	REAR	STANDARD	294	59.5	75	19	17.4	5	
ZR03.007.02	REAR	S6	294	59.5	75	19	17.4	5	
ZR03.007.03	REAR	S12	294	59.5	75	19	17.4	5	
ZR03.007.04	REAR	DDS	294	59.5	75	19	17.4	5	

330d (E90)

Model Detail	3.0 DIESEL TURBO	Year	2004-14	Chassis	E90				
ZR03.054.01	FRONT	STANDARD	330	73	79	24	22.4	5	
ZR03.054.02	FRONT	S6	330	73	79	24	22.4	5	
ZR03.054.03	FRONT	S12	330	73	79	24	22.4	5	
ZR03.054.04	FRONT	DDS	330	73	79	24	22.4	5	
ZR03.056.01	REAR		336	67	75	22	20.4	5	
ZR03.056.02	REAR		336	67	75	22	20.4	5	
ZR03.056.03	REAR		336	67	75	22	20.4	5	
ZR03.056.04	REAR		336	67	75	22	20.4	5	

BMW

PARTNUMBER POSITION TYPE DIAM HEIGHT CNTR HOLE THICKNESS MIN THICK STUD NOTES

330i (E46)

Model Detail 3.0 Year 1999-00 Chassis E46

ZR03.042.01	FRONT	STANDARD	325	52	79	25	23.4	5
ZR03.042.02	FRONT	S6	325	52	79	25	23.4	5
ZR03.042.03	FRONT	S12	325	52	79	25	23.4	5
ZR03.042.04	FRONT	DDS	325	52	79	25	23.4	5
ZR03.043.01	REAR	STANDARD	320	61	75	22	20.4	5
ZR03.043.02	REAR	S6	320	61	75	22	20.4	5
ZR03.043.03	REAR	S12	320	61	75	22	20.4	5
ZR03.043.04	REAR	DDS	320	61	75	22	20.4	5

Model Detail 3.0 DIESEL Year 1999- Chassis E46

ZR03.042.01	FRONT	STANDARD	325	52	79	25	23.4	5
ZR03.042.02	FRONT	S6	325	52	79	25	23.4	5
ZR03.042.03	FRONT	S12	325	52	79	25	23.4	5
ZR03.042.04	FRONT	DDS	325	52	79	25	23.4	5
ZR03.043.01	REAR	STANDARD	320	61	75	22	20.4	5
ZR03.043.02	REAR	S6	320	61	75	22	20.4	5
ZR03.043.03	REAR	S12	320	61	75	22	20.4	5
ZR03.043.04	REAR	DDS	320	61	75	22	20.4	5

Model Detail 3.0 Year 2000- Chassis E46

ZR03.042.01	FRONT	STANDARD	325	52	79	25	23.4	5
ZR03.042.02	FRONT	S6	325	52	79	25	23.4	5
ZR03.042.03	FRONT	S12	325	52	79	25	23.4	5
ZR03.042.04	FRONT	DDS	325	52	79	25	23.4	5
ZR03.043.01	REAR	STANDARD	320	61	75	22	20.4	5
ZR03.043.02	REAR	S6	320	61	75	22	20.4	5
ZR03.043.03	REAR	S12	320	61	75	22	20.4	5
ZR03.043.04	REAR	DDS	320	61	75	22	20.4	5

330i (E90)

Model Detail 3.0 Year 2005-08 Chassis E90

ZR03.054.01	FRONT	STANDARD	330	73	79	24	22.4	5
ZR03.054.02	FRONT	S6	330	73	79	24	22.4	5
ZR03.054.03	FRONT	S12	330	73	79	24	22.4	5
ZR03.054.04	FRONT	DDS	330	73	79	24	22.4	5
ZR03.056.01	REAR		336	67	75	22	20.4	5
ZR03.056.02	REAR		336	67	75	22	20.4	5
ZR03.056.03	REAR		336	67	75	22	20.4	5
ZR03.056.04	REAR		336	67	75	22	20.4	5

335i (E90)

Model Detail 3.0 TURBO Year 2006-08 Chassis E90

ZR03.069.01	FRONT	STANDARD	348	73	79	30	28.4	5
ZR03.069.02	FRONT	S6	348	73	79	30	28.4	5
ZR03.069.03	FRONT	S12	348	73	79	30	28.4	5
ZR03.069.04	FRONT	DDS	348	73	79	30	28.4	5
ZR03.056.01	REAR		336	67	75	22	20.4	5
ZR03.056.02	REAR		336	67	75	22	20.4	5
ZR03.056.03	REAR		336	67	75	22	20.4	5
ZR03.056.04	REAR		336	67	75	22	20.4	5

Model Detail 3.0 TURBO (LCI) Year 2009-11 Chassis E90

ZR03.069.01	FRONT	STANDARD	348	73	79	30	28.4	5
ZR03.069.02	FRONT	S6	348	73	79	30	28.4	5

BMW

PARTNUMBER	POSITION	TYPE	DIAM	HEIGHT	CNTR HOLE	THICKNESS	MIN THICK	STUD	NOTES
ZR03.069.03	FRONT	S12	348	73	79	30	28.4	5	
ZR03.069.04	FRONT	DDS	348	73	79	30	28.4	5	
ZR03.056.01	REAR		336	67	75	22	20.4	5	
ZR03.056.02	REAR		336	67	75	22	20.4	5	
ZR03.056.03	REAR		336	67	75	22	20.4	5	
ZR03.056.04	REAR		336	67	75	22	20.4	5	

518i (E28)

Model Detail 1.8 Year 1981-88 Chassis E28

ZR03.016.01	FRONT	STANDARD	284	76.1	79	22	20.4	5	
ZR03.016.02	FRONT	S6	284	76.1	79	22	20.4	5	
ZR03.016.03	FRONT	S12	284	76.1	79	22	20.4	5	
ZR03.016.04	FRONT	DDS	284	76.1	79	22	20.4	5	
ZR03.014.01	REAR	STANDARD	284	61.1	75	10	8.4	5	
ZR03.014.02	REAR	S6	284	61.1	75	10	8.4	5	
ZR03.014.03	REAR	S12	284	61.1	75	10	8.4	5	
ZR03.014.04	REAR	DDS	284	61.1	75	10	8.4	5	

518i (E34)

Model Detail 1.8 Year 1989-95 Chassis E34

ZR03.026.01	FRONT	STANDARD	302	76.1	79	12	10.4	5	
ZR03.026.02	FRONT	S6	302	76.1	79	12	10.4	5	
ZR03.026.03	FRONT	S12	302	76.1	79	12	10.4	5	
ZR03.026.04	FRONT	DDS	302	76.1	79	12	10.4	5	
ZR03.027.01	REAR	STANDARD	300	61.1	75	10	8.4	5	
ZR03.027.02	REAR	S6	300	61.1	75	10	8.4	5	
ZR03.027.03	REAR	S12	300	61.1	75	10	8.4	5	
ZR03.027.04	REAR	DDS	300	61.1	75	10	8.4	5	

Model Detail 1.8 TOURING Year 1992-96 Chassis E34

ZR03.026.01	FRONT	STANDARD	302	76.1	79	12	10.4	5	
ZR03.026.02	FRONT	S6	302	76.1	79	12	10.4	5	
ZR03.026.03	FRONT	S12	302	76.1	79	12	10.4	5	
ZR03.026.04	FRONT	DDS	302	76.1	79	12	10.4	5	
ZR03.027.01	REAR	STANDARD	300	61.1	75	10	8.4	5	
ZR03.027.02	REAR	S6	300	61.1	75	10	8.4	5	
ZR03.027.03	REAR	S12	300	61.1	75	10	8.4	5	
ZR03.027.04	REAR	DDS	300	61.1	75	10	8.4	5	

520i (E28)

Model Detail 2.0 Year 1981-88 Chassis E28

ZR03.016.01	FRONT	STANDARD	284	76.1	79	22	20.4	5	
ZR03.016.02	FRONT	S6	284	76.1	79	22	20.4	5	
ZR03.016.03	FRONT	S12	284	76.1	79	22	20.4	5	
ZR03.016.04	FRONT	DDS	284	76.1	79	22	20.4	5	
ZR03.014.01	REAR	STANDARD	284	61.1	75	10	8.4	5	
ZR03.014.02	REAR	S6	284	61.1	75	10	8.4	5	
ZR03.014.03	REAR	S12	284	61.1	75	10	8.4	5	
ZR03.014.04	REAR	DDS	284	61.1	75	10	8.4	5	

520i (E34)

Model Detail 2.0 Year 1987-95 Chassis E34

ZR03.026.01	FRONT	STANDARD	302	76.1	79	12	10.4	5	
ZR03.026.02	FRONT	S6	302	76.1	79	12	10.4	5	
ZR03.026.03	FRONT	S12	302	76.1	79	12	10.4	5	
ZR03.026.04	FRONT	DDS	302	76.1	79	12	10.4	5	

BMW

PARTNUMBER	POSITION	TYPE	DIAM	HEIGHT	CNTR HOLE	THICKNESS	MIN THICK	STUD	NOTES
ZR03.027.01	REAR	STANDARD	300	61.1	75	10	8.4	5	
ZR03.027.02	REAR	S6	300	61.1	75	10	8.4	5	
ZR03.027.03	REAR	S12	300	61.1	75	10	8.4	5	
ZR03.027.04	REAR	DDS	300	61.1	75	10	8.4	5	

Model Detail 2.0 TOURING Year 1990-96 Chassis E34

ZR03.025.01	FRONT	STANDARD	302	76.1	79	22	20.4	5	
ZR03.025.02	FRONT	S6	302	76.1	79	22	20.4	5	
ZR03.025.03	FRONT	S12	302	76.1	79	22	20.4	5	
ZR03.025.04	FRONT	DDS	302	76.1	79	22	20.4	5	
ZR03.027.01	REAR	STANDARD	300	61.1	75	10	8.4	5	
ZR03.027.02	REAR	S6	300	61.1	75	10	8.4	5	
ZR03.027.03	REAR	S12	300	61.1	75	10	8.4	5	
ZR03.027.04	REAR	DDS	300	61.1	75	10	8.4	5	

520i (E39)

Model Detail 2.0 Year 1996- Chassis E39

ZR03.031.01	FRONT	STANDARD	296	76	79	22	20.4	5	
ZR03.031.02	FRONT	S6	296	76	79	22	20.4	5	
ZR03.031.03	FRONT	S12	296	76	79	22	20.4	5	
ZR03.031.04	FRONT	DDS	296	76	79	22	20.4	5	
ZR03.034.01	REAR	STANDARD	298	61	75	10	8.4	5	
ZR03.034.02	REAR	S6	298	61	75	10	8.4	5	
ZR03.034.03	REAR	S12	298	61	75	10	8.4	5	
ZR03.034.04	REAR	DDS	298	61	75	10	8.4	5	

Model Detail 2.0 TOURING Year 1997- Chassis E39

ZR03.031.01	FRONT	STANDARD	296	76	79	22	20.4	5	
ZR03.031.02	FRONT	S6	296	76	79	22	20.4	5	
ZR03.031.03	FRONT	S12	296	76	79	22	20.4	5	
ZR03.031.04	FRONT	DDS	296	76	79	22	20.4	5	
ZR03.035.01	REAR	STANDARD	298	61	75	20	18.4	5	
ZR03.035.02	REAR	S6	298	61	75	20	18.4	5	
ZR03.035.03	REAR	S12	298	61	75	20	18.4	5	
ZR03.035.04	REAR	DDS	298	61	75	20	18.4	5	

Model Detail 2.0 DIESEL Year 1995- Chassis E39

ZR03.031.01	FRONT	STANDARD	296	76	79	22	20.4	5	
ZR03.031.02	FRONT	S6	296	76	79	22	20.4	5	
ZR03.031.03	FRONT	S12	296	76	79	22	20.4	5	
ZR03.031.04	FRONT	DDS	296	76	79	22	20.4	5	
ZR03.034.01	REAR	STANDARD	298	61	75	10	8.4	5	
ZR03.034.02	REAR	S6	298	61	75	10	8.4	5	
ZR03.034.03	REAR	S12	298	61	75	10	8.4	5	
ZR03.034.04	REAR	DDS	298	61	75	10	8.4	5	

Model Detail 2.0 DIESEL TOURING Year 1997- Chassis E39

ZR03.031.01	FRONT	STANDARD	296	76	79	22	20.4	5	
ZR03.031.02	FRONT	S6	296	76	79	22	20.4	5	
ZR03.031.03	FRONT	S12	296	76	79	22	20.4	5	
ZR03.031.04	FRONT	DDS	296	76	79	22	20.4	5	
ZR03.035.01	REAR	STANDARD	298	61	75	20	18.4	5	
ZR03.035.02	REAR	S6	298	61	75	20	18.4	5	
ZR03.035.03	REAR	S12	298	61	75	20	18.4	5	
ZR03.035.04	REAR	DDS	298	61	75	20	18.4	5	

520i (E60)

BMW

PARTNUMBER POSITION TYPE DIAM HEIGHT CNTR HOLE THICKNESS MIN THICK STUD NOTES

Model Detail 2.2 Year 2003-07 Chassis E60

ZR03.050.01	FRONT	STANDARD	310	77	79	24	22.4	5
ZR03.050.02	FRONT	S6	310	77	79	24	22.4	5
ZR03.050.03	FRONT	S12	310	77	79	24	22.4	5
ZR03.050.04	FRONT	DDS	310	77	79	24	22.4	5
ZR03.051.01	REAR	STANDARD	320	63	75	20	18.4	5
ZR03.051.02	REAR	S6	320	63	75	20	18.4	5
ZR03.051.03	REAR	S12	320	63	75	20	18.4	5
ZR03.051.04	REAR	DDS	320	63	75	20	18.4	5

523i (E39)

Model Detail 2.3 Year 1995-00 Chassis E39

ZR03.031.01	FRONT	STANDARD	296	76	79	22	20.4	5
ZR03.031.02	FRONT	S6	296	76	79	22	20.4	5
ZR03.031.03	FRONT	S12	296	76	79	22	20.4	5
ZR03.031.04	FRONT	DDS	296	76	79	22	20.4	5
ZR03.034.01	REAR	STANDARD	298	61	75	10	8.4	5
ZR03.034.02	REAR	S6	298	61	75	10	8.4	5
ZR03.034.03	REAR	S12	298	61	75	10	8.4	5
ZR03.034.04	REAR	DDS	298	61	75	10	8.4	5

Model Detail 2.3 TOURING Year 1997- Chassis E39

ZR03.031.01	FRONT	STANDARD	296	76	79	22	20.4	5
ZR03.031.02	FRONT	S6	296	76	79	22	20.4	5
ZR03.031.03	FRONT	S12	296	76	79	22	20.4	5
ZR03.031.04	FRONT	DDS	296	76	79	22	20.4	5
ZR03.035.01	REAR	STANDARD	298	61	75	20	18.4	5
ZR03.035.02	REAR	S6	298	61	75	20	18.4	5
ZR03.035.03	REAR	S12	298	61	75	20	18.4	5
ZR03.035.04	REAR	DDS	298	61	75	20	18.4	5

524i (E28)

Model Detail 2.4 DIESEL TURBO Year 1984-88 Chassis E28

ZR03.016.01	FRONT	STANDARD	284	76.1	79	22	20.4	5
ZR03.016.02	FRONT	S6	284	76.1	79	22	20.4	5
ZR03.016.03	FRONT	S12	284	76.1	79	22	20.4	5
ZR03.016.04	FRONT	DDS	284	76.1	79	22	20.4	5
ZR03.014.01	REAR	STANDARD	284	61.1	75	10	8.4	5
ZR03.014.02	REAR	S6	284	61.1	75	10	8.4	5
ZR03.014.03	REAR	S12	284	61.1	75	10	8.4	5
ZR03.014.04	REAR	DDS	284	61.1	75	10	8.4	5

525d (E60)

Model Detail 2.5 DIESEL TURBO Year 2003-07 Chassis E60

ZR03.050.01	FRONT	STANDARD	310	77	79	24	22.4	5
ZR03.050.02	FRONT	S6	310	77	79	24	22.4	5
ZR03.050.03	FRONT	S12	310	77	79	24	22.4	5
ZR03.050.04	FRONT	DDS	310	77	79	24	22.4	5
ZR03.051.01	REAR	STANDARD	320	63	75	20	18.4	5
ZR03.051.02	REAR	S6	320	63	75	20	18.4	5
ZR03.051.03	REAR	S12	320	63	75	20	18.4	5
ZR03.051.04	REAR	DDS	320	63	75	20	18.4	5

525i (E28)

Model Detail 2.5 Year 1983-88 Chassis E28

BMW

PARTNUMBER	POSITION	TYPE	DIAM	HEIGHT	CNTR HOLE	THICKNESS	MIN THICK	STUD	NOTES
ZR03.016.01	FRONT	STANDARD	284	76.1	79	22	20.4	5	
ZR03.016.02	FRONT	S6	284	76.1	79	22	20.4	5	
ZR03.016.03	FRONT	S12	284	76.1	79	22	20.4	5	
ZR03.016.04	FRONT	DDS	284	76.1	79	22	20.4	5	
ZR03.014.01	REAR	STANDARD	284	61.1	75	10	8.4	5	
ZR03.014.02	REAR	S6	284	61.1	75	10	8.4	5	
ZR03.014.03	REAR	S12	284	61.1	75	10	8.4	5	
ZR03.014.04	REAR	DDS	284	61.1	75	10	8.4	5	

525i (E34)

Model Detail 2.5 Year 1988-90 Chassis E34

ZR03.025.01	FRONT	STANDARD	302	76.1	79	22	20.4	5	
ZR03.025.02	FRONT	S6	302	76.1	79	22	20.4	5	
ZR03.025.03	FRONT	S12	302	76.1	79	22	20.4	5	
ZR03.025.04	FRONT	DDS	302	76.1	79	22	20.4	5	
ZR03.027.01	REAR	STANDARD	300	61.1	75	10	8.4	5	
ZR03.027.02	REAR	S6	300	61.1	75	10	8.4	5	
ZR03.027.03	REAR	S12	300	61.1	75	10	8.4	5	
ZR03.027.04	REAR	DDS	300	61.1	75	10	8.4	5	

Model Detail 2.5 Year 1990-95 Chassis E34

ZR03.025.01	FRONT	STANDARD	302	76.1	79	22	20.4	5	
ZR03.025.02	FRONT	S6	302	76.1	79	22	20.4	5	
ZR03.025.03	FRONT	S12	302	76.1	79	22	20.4	5	
ZR03.025.04	FRONT	DDS	302	76.1	79	22	20.4	5	
ZR03.027.01	REAR	STANDARD	300	61.1	75	10	8.4	5	
ZR03.027.02	REAR	S6	300	61.1	75	10	8.4	5	
ZR03.027.03	REAR	S12	300	61.1	75	10	8.4	5	
ZR03.027.04	REAR	DDS	300	61.1	75	10	8.4	5	

Model Detail 2.5 DIESEL TURBO TOURING Year 1991-95 Chassis E34

ZR03.025.01	FRONT	STANDARD	302	76.1	79	22	20.4	5	
ZR03.025.02	FRONT	S6	302	76.1	79	22	20.4	5	
ZR03.025.03	FRONT	S12	302	76.1	79	22	20.4	5	
ZR03.025.04	FRONT	DDS	302	76.1	79	22	20.4	5	
ZR03.027.01	REAR	STANDARD	300	61.1	75	10	8.4	5	
ZR03.027.02	REAR	S6	300	61.1	75	10	8.4	5	
ZR03.027.03	REAR	S12	300	61.1	75	10	8.4	5	
ZR03.027.04	REAR	DDS	300	61.1	75	10	8.4	5	

525i (E39)

Model Detail 2.5 Year 1995-00 Chassis E39

ZR03.031.01	FRONT	STANDARD	296	76	79	22	20.4	5	
ZR03.031.02	FRONT	S6	296	76	79	22	20.4	5	
ZR03.031.03	FRONT	S12	296	76	79	22	20.4	5	
ZR03.031.04	FRONT	DDS	296	76	79	22	20.4	5	
ZR03.035.01	REAR	STANDARD	298	61	75	20	18.4	5	
ZR03.035.02	REAR	S6	298	61	75	20	18.4	5	
ZR03.035.03	REAR	S12	298	61	75	20	18.4	5	
ZR03.035.04	REAR	DDS	298	61	75	20	18.4	5	

Model Detail 2.5 DIESEL TURBO Year 1996- Chassis E39

ZR03.031.01	FRONT	STANDARD	296	76	79	22	20.4	5	
ZR03.031.02	FRONT	S6	296	76	79	22	20.4	5	
ZR03.031.03	FRONT	S12	296	76	79	22	20.4	5	
ZR03.031.04	FRONT	DDS	296	76	79	22	20.4	5	

BMW

PARTNUMBER	POSITION	TYPE	DIAM	HEIGHT	CNTR HOLE	THICKNESS	MIN THICK	STUD	NOTES
ZR03.034.01	REAR	STANDARD	298	61	75	10	8.4	5	
ZR03.034.02	REAR	S6	298	61	75	10	8.4	5	
ZR03.034.03	REAR	S12	298	61	75	10	8.4	5	
ZR03.034.04	REAR	DDS	298	61	75	10	8.4	5	

525i (E60)

Model Detail 2.5 **Year** 2003-07 **Chassis** E60

ZR03.050.01	FRONT	STANDARD	310	77	79	24	22.4	5	
ZR03.050.02	FRONT	S6	310	77	79	24	22.4	5	
ZR03.050.03	FRONT	S12	310	77	79	24	22.4	5	
ZR03.050.04	FRONT	DDS	310	77	79	24	22.4	5	
ZR03.051.01	REAR	STANDARD	320	63	75	20	18.4	5	
ZR03.051.02	REAR	S6	320	63	75	20	18.4	5	
ZR03.051.03	REAR	S12	320	63	75	20	18.4	5	
ZR03.051.04	REAR	DDS	320	63	75	20	18.4	5	

528i (E28)

Model Detail 2.8 **Year** 1981-84 **Chassis** E28

ZR03.016.01	FRONT	STANDARD	284	76.1	79	22	20.4	5	
ZR03.016.02	FRONT	S6	284	76.1	79	22	20.4	5	
ZR03.016.03	FRONT	S12	284	76.1	79	22	20.4	5	
ZR03.016.04	FRONT	DDS	284	76.1	79	22	20.4	5	
ZR03.014.01	REAR	STANDARD	284	61.1	75	10	8.4	5	
ZR03.014.02	REAR	S6	284	61.1	75	10	8.4	5	
ZR03.014.03	REAR	S12	284	61.1	75	10	8.4	5	
ZR03.014.04	REAR	DDS	284	61.1	75	10	8.4	5	

Model Detail 2.8 **Year** 1984-88 **Chassis** E28

ZR03.021.01	FRONT	STANDARD	282	76.1	78	25	23	5	
ZR03.021.02	FRONT	S6	282	76.1	78	25	23	5	
ZR03.021.03	FRONT	S12	282	76.1	78	25	23	5	
ZR03.021.04	FRONT	DDS	282	76.1	78	25	23	5	
ZR03.014.01	REAR	STANDARD	284	61.1	75	10	8.4	5	
ZR03.014.02	REAR	S6	284	61.1	75	10	8.4	5	
ZR03.014.03	REAR	S12	284	61.1	75	10	8.4	5	
ZR03.014.04	REAR	DDS	284	61.1	75	10	8.4	5	

528i (E39)

Model Detail 2.8 **Year** 1996- **Chassis** E39

ZR03.031.01	FRONT	STANDARD	296	76	79	22	20.4	5	
ZR03.031.02	FRONT	S6	296	76	79	22	20.4	5	
ZR03.031.03	FRONT	S12	296	76	79	22	20.4	5	
ZR03.031.04	FRONT	DDS	296	76	79	22	20.4	5	
ZR03.035.01	REAR	STANDARD	298	61	75	20	18.4	5	
ZR03.035.02	REAR	S6	298	61	75	20	18.4	5	
ZR03.035.03	REAR	S12	298	61	75	20	18.4	5	
ZR03.035.04	REAR	DDS	298	61	75	20	18.4	5	

530d (E60)

Model Detail 3.0 DIESEL TURBO **Year** 2003-07 **Chassis** E60

ZR03.052.01	FRONT	STANDARD	324	77.15	79	30	28.4	5	
ZR03.052.02	FRONT	S6	324	77.15	79	30	28.4	5	
ZR03.052.03	FRONT	S12	324	77.15	79	30	28.4	5	
ZR03.052.04	FRONT	DDS	324	77.15	79	30	28.4	5	
ZR03.051.01	REAR	STANDARD	320	63	75	20	18.4	5	

BMW

PARTNUMBER	POSITION	TYPE	DIAM	HEIGHT	CNTR HOLE	THICKNESS	MIN THICK	STUD	NOTES
ZR03.051.02	REAR	S6	320	63	75	20	18.4	5	
ZR03.051.03	REAR	S12	320	63	75	20	18.4	5	
ZR03.051.04	REAR	DDS	320	63	75	20	18.4	5	

530i (E34)

Model Detail 3.0 Year 1988-96 Chassis E34

ZR03.025.01	FRONT	STANDARD	302	76.1	79	22	20.4	5	
ZR03.025.02	FRONT	S6	302	76.1	79	22	20.4	5	
ZR03.025.03	FRONT	S12	302	76.1	79	22	20.4	5	
ZR03.025.04	FRONT	DDS	302	76.1	79	22	20.4	5	
ZR03.027.01	REAR	STANDARD	300	61.1	75	10	8.4	5	
ZR03.027.02	REAR	S6	300	61.1	75	10	8.4	5	
ZR03.027.03	REAR	S12	300	61.1	75	10	8.4	5	
ZR03.027.04	REAR	DDS	300	61.1	75	10	8.4	5	

530i (E39)

Model Detail 3.0 Year 1999- Chassis E39

ZR03.041.01	FRONT	STANDARD	324	73.5	79	30	28.4	5	
ZR03.041.02	FRONT	S6	324	73.5	79	30	28.4	5	
ZR03.041.03	FRONT	S12	324	73.5	79	30	28.4	5	
ZR03.041.04	FRONT	DDS	324	73.5	79	30	28.4	5	
ZR03.035.01	REAR	STANDARD	298	61	75	20	18.4	5	
ZR03.035.02	REAR	S6	298	61	75	20	18.4	5	
ZR03.035.03	REAR	S12	298	61	75	20	18.4	5	
ZR03.035.04	REAR	DDS	298	61	75	20	18.4	5	

Model Detail 3.0 DIESEL Year 1998-00 Chassis E39

ZR03.031.01	FRONT	STANDARD	296	76	79	22	20.4	5	
ZR03.031.02	FRONT	S6	296	76	79	22	20.4	5	
ZR03.031.03	FRONT	S12	296	76	79	22	20.4	5	
ZR03.031.04	FRONT	DDS	296	76	79	22	20.4	5	
ZR03.035.01	REAR	STANDARD	298	61	75	20	18.4	5	
ZR03.035.02	REAR	S6	298	61	75	20	18.4	5	
ZR03.035.03	REAR	S12	298	61	75	20	18.4	5	
ZR03.035.04	REAR	DDS	298	61	75	20	18.4	5	

Model Detail 3.0 DIESEL Year 2000- Chassis E39

ZR03.041.01	FRONT	STANDARD	324	73.5	79	30	28.4	5	
ZR03.041.02	FRONT	S6	324	73.5	79	30	28.4	5	
ZR03.041.03	FRONT	S12	324	73.5	79	30	28.4	5	
ZR03.041.04	FRONT	DDS	324	73.5	79	30	28.4	5	
ZR03.035.01	REAR	STANDARD	298	61	75	20	18.4	5	
ZR03.035.02	REAR	S6	298	61	75	20	18.4	5	
ZR03.035.03	REAR	S12	298	61	75	20	18.4	5	
ZR03.035.04	REAR	DDS	298	61	75	20	18.4	5	

Model Detail 3.0 DIESEL TURBO Year 1999- Chassis E39

ZR03.041.01	FRONT	STANDARD	324	73.5	79	30	28.4	5	
ZR03.041.02	FRONT	S6	324	73.5	79	30	28.4	5	
ZR03.041.03	FRONT	S12	324	73.5	79	30	28.4	5	
ZR03.041.04	FRONT	DDS	324	73.5	79	30	28.4	5	
ZR03.035.01	REAR	STANDARD	298	61	75	20	18.4	5	
ZR03.035.02	REAR	S6	298	61	75	20	18.4	5	
ZR03.035.03	REAR	S12	298	61	75	20	18.4	5	
ZR03.035.04	REAR	DDS	298	61	75	20	18.4	5	

530i (E60)

BMW

PARTNUMBER POSITION TYPE DIAM HEIGHT CNTR HOLE THICKNESS MIN THICK STUD NOTES

Model Detail 3.0 Year 2003-05 Chassis E60

ZR03.052.01	FRONT	STANDARD	324	77.15	79	30	28.4	5
ZR03.052.02	FRONT	S6	324	77.15	79	30	28.4	5
ZR03.052.03	FRONT	S12	324	77.15	79	30	28.4	5
ZR03.052.04	FRONT	DDS	324	77.15	79	30	28.4	5
ZR03.051.01	REAR	STANDARD	320	63	75	20	18.4	5
ZR03.051.02	REAR	S6	320	63	75	20	18.4	5
ZR03.051.03	REAR	S12	320	63	75	20	18.4	5
ZR03.051.04	REAR	DDS	320	63	75	20	18.4	5

535i (E28)

Model Detail 3.5 Year 1981-85 Chassis E28

ZR03.017.01	FRONT	STANDARD	280	78.1	74	25	23.4	5
ZR03.017.02	FRONT	S6	280	78.1	74	25	23.4	5
ZR03.017.03	FRONT	S12	280	78.1	74	25	23.4	5
ZR03.017.04	FRONT	DDS	280	78.1	74	25	23.4	5
ZR03.014.01	REAR	STANDARD	284	61.1	75	10	8.4	5
ZR03.014.02	REAR	S6	284	61.1	75	10	8.4	5
ZR03.014.03	REAR	S12	284	61.1	75	10	8.4	5
ZR03.014.04	REAR	DDS	284	61.1	75	10	8.4	5

Model Detail 3.5 Year 1985-88 Chassis E28

ZR03.021.01	FRONT	STANDARD	282	76.1	78	25	23	5
ZR03.021.02	FRONT	S6	282	76.1	78	25	23	5
ZR03.021.03	FRONT	S12	282	76.1	78	25	23	5
ZR03.021.04	FRONT	DDS	282	76.1	78	25	23	5
ZR03.014.01	REAR	STANDARD	284	61.1	75	10	8.4	5
ZR03.014.02	REAR	S6	284	61.1	75	10	8.4	5
ZR03.014.03	REAR	S12	284	61.1	75	10	8.4	5
ZR03.014.04	REAR	DDS	284	61.1	75	10	8.4	5

535i (E34)

Model Detail 3.5 Year 1988-96 Chassis E34

ZR03.025.01	FRONT	STANDARD	302	76.1	79	22	20.4	5
ZR03.025.02	FRONT	S6	302	76.1	79	22	20.4	5
ZR03.025.03	FRONT	S12	302	76.1	79	22	20.4	5
ZR03.025.04	FRONT	DDS	302	76.1	79	22	20.4	5
ZR03.027.01	REAR	STANDARD	300	61.1	75	10	8.4	5
ZR03.027.02	REAR	S6	300	61.1	75	10	8.4	5
ZR03.027.03	REAR	S12	300	61.1	75	10	8.4	5
ZR03.027.04	REAR	DDS	300	61.1	75	10	8.4	5

535i (E39)

Model Detail 3.5 Year 1996-00- Chassis E39

ZR03.031.01	FRONT	STANDARD	296	76	79	22	20.4	5
ZR03.031.02	FRONT	S6	296	76	79	22	20.4	5
ZR03.031.03	FRONT	S12	296	76	79	22	20.4	5
ZR03.031.04	FRONT	DDS	296	76	79	22	20.4	5
ZR03.035.01	REAR	STANDARD	298	61	75	20	18.4	5
ZR03.035.02	REAR	S6	298	61	75	20	18.4	5
ZR03.035.03	REAR	S12	298	61	75	20	18.4	5
ZR03.035.04	REAR	DDS	298	61	75	20	18.4	5

Model Detail 3.5 Year 2000- Chassis E39

ZR03.041.01	FRONT	STANDARD	324	73.5	79	30	28.4	5
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BMW

PARTNUMBER	POSITION	TYPE	DIAM	HEIGHT	CNTR HOLE	THICKNESS	MIN THICK	STUD	NOTES
ZR03.041.02	FRONT	S6	324	73.5	79	30	28.4	5	
ZR03.041.03	FRONT	S12	324	73.5	79	30	28.4	5	
ZR03.041.04	FRONT	DDS	324	73.5	79	30	28.4	5	
ZR03.035.01	REAR	STANDARD	298	61	75	20	18.4	5	
ZR03.035.02	REAR	S6	298	61	75	20	18.4	5	
ZR03.035.03	REAR	S12	298	61	75	20	18.4	5	
ZR03.035.04	REAR	DDS	298	61	75	20	18.4	5	

540i (E34)

Model Detail 4.0 Year 1992-96 Chassis E34

ZR03.022.01	FRONT	STANDARD	302	76.1	79	28	26.4	5	
ZR03.022.02	FRONT	S6	302	76.1	79	28	26.4	5	
ZR03.022.03	FRONT	S12	302	76.1	79	28	26.4	5	
ZR03.022.04	FRONT	DDS	302	76.1	79	28	26.4	5	
ZR03.020.01	REAR	STANDARD	300	61	75	20	18.4	5	
ZR03.020.02	REAR	S6	300	61	75	20	18.4	5	
ZR03.020.03	REAR	S12	300	61	75	20	18.4	5	
ZR03.020.04	REAR	DDS	300	61	75	20	18.4	5	

540i (E39)

Model Detail 4.0 Year 1996- Chassis E39

ZR03.004.01	FRONT	STANDARD	324	77.1	79	30	28.4	5	
ZR03.004.02	FRONT	S6	324	77.1	79	30	28.4	5	
ZR03.004.03	FRONT	S12	324	77.1	79	30	28.4	5	
ZR03.004.04	FRONT	DDS	324	77.1	79	30	28.4	5	
ZR03.035.01	REAR	STANDARD	298	61	75	20	18.4	5	
ZR03.035.02	REAR	S6	298	61	75	20	18.4	5	
ZR03.035.03	REAR	S12	298	61	75	20	18.4	5	
ZR03.035.04	REAR	DDS	298	61	75	20	18.4	5	

Model Detail 4.0 Year 2000- Chassis E39

ZR03.041.01	FRONT	STANDARD	324	73.5	79	30	28.4	5	
ZR03.041.02	FRONT	S6	324	73.5	79	30	28.4	5	
ZR03.041.03	FRONT	S12	324	73.5	79	30	28.4	5	
ZR03.041.04	FRONT	DDS	324	73.5	79	30	28.4	5	
ZR03.035.01	REAR	STANDARD	298	61	75	20	18.4	5	
ZR03.035.02	REAR	S6	298	61	75	20	18.4	5	
ZR03.035.03	REAR	S12	298	61	75	20	18.4	5	
ZR03.035.04	REAR	DDS	298	61	75	20	18.4	5	

545i (E60)

Model Detail 4.4 Year 2003- Chassis E60

ZR03.049.01	FRONT	STANDARD	348	81	79	30	28.4	5	81 Height
ZR03.049.02	FRONT	S6	348	81	79	30	28.4	5	81 Height
ZR03.049.03	FRONT	S12	348	81	79	30	28.4	5	81 Height
ZR03.049.04	FRONT	DDS	348	81	79	30	28.4	5	81 Height
ZR03.059.01	FRONT								77 Height

628CSi (E24)

Model Detail 2.8 Year 1982-87 Chassis E24

ZR03.021.01	FRONT	STANDARD	282	76.1	78	25	23	5	
ZR03.021.02	FRONT	S6	282	76.1	78	25	23	5	
ZR03.021.03	FRONT	S12	282	76.1	78	25	23	5	
ZR03.021.04	FRONT	DDS	282	76.1	78	25	23	5	
ZR03.014.01	REAR	STANDARD	284	61.1	75	10	8.4	5	

BMW

PARTNUMBER	POSITION	TYPE	DIAM	HEIGHT	CNTR HOLE	THICKNESS	MIN THICK	STUD	NOTES
ZR03.014.02	REAR	S6	284	61.1	75	10	8.4	5	
ZR03.014.03	REAR	S12	284	61.1	75	10	8.4	5	
ZR03.014.04	REAR	DDS	284	61.1	75	10	8.4	5	

633CSi (E24)

Model Detail 3.3 **Year** 1982-85 **Chassis** E24

ZR03.021.01	FRONT	STANDARD	282	76.1	78	25	23	5	
ZR03.021.02	FRONT	S6	282	76.1	78	25	23	5	
ZR03.021.03	FRONT	S12	282	76.1	78	25	23	5	
ZR03.021.04	FRONT	DDS	282	76.1	78	25	23	5	
ZR03.014.01	REAR	STANDARD	284	61.1	75	10	8.4	5	
ZR03.014.02	REAR	S6	284	61.1	75	10	8.4	5	
ZR03.014.03	REAR	S12	284	61.1	75	10	8.4	5	
ZR03.014.04	REAR	DDS	284	61.1	75	10	8.4	5	

635CSi (E24)

Model Detail 3.5 **Year** 1985-89 **Chassis** E24

ZR03.021.01	FRONT	STANDARD	282	76.1	78	25	23	5	
ZR03.021.02	FRONT	S6	282	76.1	78	25	23	5	
ZR03.021.03	FRONT	S12	282	76.1	78	25	23	5	
ZR03.021.04	FRONT	DDS	282	76.1	78	25	23	5	
ZR03.014.01	REAR	STANDARD	284	61.1	75	10	8.4	5	
ZR03.014.02	REAR	S6	284	61.1	75	10	8.4	5	
ZR03.014.03	REAR	S12	284	61.1	75	10	8.4	5	
ZR03.014.04	REAR	DDS	284	61.1	75	10	8.4	5	

640i (F12)

Model Detail 3.0 TURBO **Year** 2011-18 **Chassis** F12

ZR03.081.01	FRONT		348	66	75	36	34.4	5	
ZR03.082.01	REAR		345	69	75	24	22.4	5	

645Ci (E63)

Model Detail 4.5 **Year** 2004- **Chassis** E63

ZR03.058.01	FRONT								348x36 HD Option Only
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728i (E23)

Model Detail 2.8 **Year** 1982-86 **Chassis** E23

ZR03.017.01	FRONT	STANDARD	280	78.1	74	25	23.4	5	
ZR03.017.02	FRONT	S6	280	78.1	74	25	23.4	5	
ZR03.017.03	FRONT	S12	280	78.1	74	25	23.4	5	
ZR03.017.04	FRONT	DDS	280	78.1	74	25	23.4	5	
ZR03.001.01	REAR	STANDARD	284	68.1	75	10	8.4	5	
ZR03.001.02	REAR	S6	284	68.1	75	10	8.4	5	
ZR03.001.03	REAR	S12	284	68.1	75	10	8.4	5	
ZR03.001.04	REAR	DDS	284	68.1	75	10	8.4	5	

728i (E38)

Model Detail 2.8 **Year** 1995- **Chassis** E38

ZR03.003.01	FRONT	STANDARD	316	77	79	28	26	5	
ZR03.003.02	FRONT	S6	316	77	79	28	26	5	
ZR03.003.03	FRONT	S12	316	77	79	28	26	5	
ZR03.003.04	FRONT	DDS	316	77	79	28	26	5	
ZR03.033.01	REAR	STANDARD	324	61	75	12	10	5	
ZR03.033.02	REAR	S6	324	61	75	12	10	5	
ZR03.033.03	REAR	S12	324	61	75	12	10	5	

BMW

<u>PARTNUMBER</u>	<u>POSITION</u>	<u>TYPE</u>	<u>DIAM</u>	<u>HEIGHT</u>	<u>CNTR HOLE</u>	<u>THICKNESS</u>	<u>MIN THICK</u>	<u>STUD</u>	<u>NOTES</u>
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ZR03.033.04	REAR	DDS	324	61	75	12	10	5	
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730i (E32)

Model Detail	3.0	Year	1992-94	Chassis	E32
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ZR03.022.01	FRONT	STANDARD	302	76.1	79	28	26.4	5	
ZR03.022.02	FRONT	S6	302	76.1	79	28	26.4	5	
ZR03.022.03	FRONT	S12	302	76.1	79	28	26.4	5	
ZR03.022.04	FRONT	DDS	302	76.1	79	28	26.4	5	
ZR03.023.01	REAR	STANDARD	300	68.5	75	12	10.4	5	
ZR03.023.02	REAR	S6	300	68.5	75	12	10.4	5	
ZR03.023.03	REAR	S12	300	68.5	75	12	10.4	5	
ZR03.023.04	REAR	DDS	300	68.5	75	12	10.4	5	

Model Detail	3.0	Year	1987-94	Chassis	E32
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ZR03.022.01	FRONT	STANDARD	302	76.1	79	28	26.4	5	
ZR03.022.02	FRONT	S6	302	76.1	79	28	26.4	5	
ZR03.022.03	FRONT	S12	302	76.1	79	28	26.4	5	
ZR03.022.04	FRONT	DDS	302	76.1	79	28	26.4	5	
ZR03.023.01	REAR	STANDARD	300	68.5	75	12	10.4	5	
ZR03.023.02	REAR	S6	300	68.5	75	12	10.4	5	
ZR03.023.03	REAR	S12	300	68.5	75	12	10.4	5	
ZR03.023.04	REAR	DDS	300	68.5	75	12	10.4	5	

730i (E38)

Model Detail	3.0	Year	1993-	Chassis	E38
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ZR03.003.01	FRONT	STANDARD	316	77	79	28	26	5	
ZR03.003.02	FRONT	S6	316	77	79	28	26	5	
ZR03.003.03	FRONT	S12	316	77	79	28	26	5	
ZR03.003.04	FRONT	DDS	316	77	79	28	26	5	
ZR03.033.01	REAR	STANDARD	324	61	75	12	10	5	
ZR03.033.02	REAR	S6	324	61	75	12	10	5	
ZR03.033.03	REAR	S12	324	61	75	12	10	5	
ZR03.033.04	REAR	DDS	324	61	75	12	10	5	

Model Detail	3.0 DIESEL	Year	1998-	Chassis	E38
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ZR03.003.01	FRONT	STANDARD	316	77	79	28	26	5	
ZR03.003.02	FRONT	S6	316	77	79	28	26	5	
ZR03.003.03	FRONT	S12	316	77	79	28	26	5	
ZR03.003.04	FRONT	DDS	316	77	79	28	26	5	
ZR03.033.01	REAR	STANDARD	324	61	75	12	10	5	
ZR03.033.02	REAR	S6	324	61	75	12	10	5	
ZR03.033.03	REAR	S12	324	61	75	12	10	5	
ZR03.033.04	REAR	DDS	324	61	75	12	10	5	

732i (E23)

Model Detail	3.2	Year	1982-86	Chassis	E23
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ZR03.017.01	FRONT	STANDARD	280	78.1	74	25	23.4	5	
ZR03.017.02	FRONT	S6	280	78.1	74	25	23.4	5	
ZR03.017.03	FRONT	S12	280	78.1	74	25	23.4	5	
ZR03.017.04	FRONT	DDS	280	78.1	74	25	23.4	5	
ZR03.001.01	REAR	STANDARD	284	68.1	75	10	8.4	5	
ZR03.001.02	REAR	S6	284	68.1	75	10	8.4	5	
ZR03.001.03	REAR	S12	284	68.1	75	10	8.4	5	
ZR03.001.04	REAR	DDS	284	68.1	75	10	8.4	5	

733i (E23)

BMW

PARTNUMBER POSITION TYPE DIAM HEIGHT CNTR HOLE THICKNESS MIN THICK STUD NOTES

Model Detail 3.0 Year 1982-84 Chassis E23

ZR03.013.01	FRONT	STANDARD	280	78.1	74	22	20.4	5
ZR03.013.02	FRONT	S6	280	78.1	74	22	20.4	5
ZR03.013.03	FRONT	S12	280	78.1	74	22	20.4	5
ZR03.013.04	FRONT	DDS	280	78.1	74	22	20.4	5
ZR03.001.01	REAR	STANDARD	284	68.1	75	10	8.4	5
ZR03.001.02	REAR	S6	284	68.1	75	10	8.4	5
ZR03.001.03	REAR	S12	284	68.1	75	10	8.4	5
ZR03.001.04	REAR	DDS	284	68.1	75	10	8.4	5

735i (E23)

Model Detail 3.5 Year 1981-86 Chassis E23

ZR03.017.01	FRONT	STANDARD	280	78.1	74	25	23.4	5
ZR03.017.02	FRONT	S6	280	78.1	74	25	23.4	5
ZR03.017.03	FRONT	S12	280	78.1	74	25	23.4	5
ZR03.017.04	FRONT	DDS	280	78.1	74	25	23.4	5
ZR03.001.01	REAR	STANDARD	284	68.1	75	10	8.4	5
ZR03.001.02	REAR	S6	284	68.1	75	10	8.4	5
ZR03.001.03	REAR	S12	284	68.1	75	10	8.4	5
ZR03.001.04	REAR	DDS	284	68.1	75	10	8.4	5

735i (E32)

Model Detail 3.5 Year 1986-94 Chassis E32

ZR03.022.01	FRONT	STANDARD	302	76.1	79	28	26.4	5
ZR03.022.02	FRONT	S6	302	76.1	79	28	26.4	5
ZR03.022.03	FRONT	S12	302	76.1	79	28	26.4	5
ZR03.022.04	FRONT	DDS	302	76.1	79	28	26.4	5
ZR03.023.01	REAR	STANDARD	300	68.5	75	12	10.4	5
ZR03.023.02	REAR	S6	300	68.5	75	12	10.4	5
ZR03.023.03	REAR	S12	300	68.5	75	12	10.4	5
ZR03.023.04	REAR	DDS	300	68.5	75	12	10.4	5

735i (E38)

Model Detail 3.5 V8 Year 1996- Chassis E38

ZR03.003.01	FRONT	STANDARD	316	77	79	28	26	5
ZR03.003.02	FRONT	S6	316	77	79	28	26	5
ZR03.003.03	FRONT	S12	316	77	79	28	26	5
ZR03.003.04	FRONT	DDS	316	77	79	28	26	5
ZR03.033.01	REAR	STANDARD	324	61	75	12	10	5
ZR03.033.02	REAR	S6	324	61	75	12	10	5
ZR03.033.03	REAR	S12	324	61	75	12	10	5
ZR03.033.04	REAR	DDS	324	61	75	12	10	5

740i (E32)

Model Detail 4.0 V8 Year 1992-94 Chassis E32

ZR03.022.01	FRONT	STANDARD	302	76.1	79	28	26.4	5
ZR03.022.02	FRONT	S6	302	76.1	79	28	26.4	5
ZR03.022.03	FRONT	S12	302	76.1	79	28	26.4	5
ZR03.022.04	FRONT	DDS	302	76.1	79	28	26.4	5
ZR03.024.01	REAR	STANDARD	300	68.5	75	19.9	18.4	5
ZR03.024.02	REAR	S6	300	68.5	75	19.9	18.4	5
ZR03.024.03	REAR	S12	300	68.5	75	19.9	18.4	5
ZR03.024.04	REAR	DDS	300	68.5	75	19.9	18.4	5

740i (E38)

BMW

PARTNUMBER POSITION TYPE DIAM HEIGHT CNTR HOLE THICKNESS MIN THICK STUD NOTES

Model Detail 4.0 V8 Year 1993-01 Chassis E38

ZR03.004.01	FRONT	STANDARD	324	77.1	79	30	28.4	5
ZR03.004.02	FRONT	S6	324	77.1	79	30	28.4	5
ZR03.004.03	FRONT	S12	324	77.1	79	30	28.4	5
ZR03.004.04	FRONT	DDS	324	77.1	79	30	28.4	5
ZR03.033.01	REAR	STANDARD	324	61	75	12	10	5
ZR03.033.02	REAR	S6	324	61	75	12	10	5
ZR03.033.03	REAR	S12	324	61	75	12	10	5
ZR03.033.04	REAR	DDS	324	61	75	12	10	5

745i (E23)

Model Detail 4.5 Year 1981-86 Chassis E23

ZR03.017.01	FRONT	STANDARD	280	78.1	74	25	23.4	5
ZR03.017.02	FRONT	S6	280	78.1	74	25	23.4	5
ZR03.017.03	FRONT	S12	280	78.1	74	25	23.4	5
ZR03.017.04	FRONT	DDS	280	78.1	74	25	23.4	5
ZR03.001.01	REAR	STANDARD	284	68.1	75	10	8.4	5
ZR03.001.02	REAR	S6	284	68.1	75	10	8.4	5
ZR03.001.03	REAR	S12	284	68.1	75	10	8.4	5
ZR03.001.04	REAR	DDS	284	68.1	75	10	8.4	5

750i (E32)

Model Detail 5.0 V12 Year 1987-94 Chassis E32

ZR03.022.01	FRONT	STANDARD	302	76.1	79	28	26.4	5
ZR03.022.02	FRONT	S6	302	76.1	79	28	26.4	5
ZR03.022.03	FRONT	S12	302	76.1	79	28	26.4	5
ZR03.022.04	FRONT	DDS	302	76.1	79	28	26.4	5
ZR03.024.01	REAR	STANDARD	300	68.5	75	19.9	18.4	5
ZR03.024.02	REAR	S6	300	68.5	75	19.9	18.4	5
ZR03.024.03	REAR	S12	300	68.5	75	19.9	18.4	5
ZR03.024.04	REAR	DDS	300	68.5	75	19.9	18.4	5

750i (E38)

Model Detail 5.0 V12 Year 1993- Chassis E38

ZR03.005.01	FRONT	STANDARD	334	77	79	32	30.4	5
ZR03.005.02	FRONT	S6	334	77	79	32	30.4	5
ZR03.005.03	FRONT	S12	334	77	79	32	30.4	5
ZR03.005.04	FRONT	DDS	334	77	79	32	30.4	5
ZR03.044.01	REAR	STANDARD	328	61	75	20	18.4	5
ZR03.044.02	REAR	S6	328	61	75	20	18.4	5
ZR03.044.03	REAR	S12	328	61	75	20	18.4	5
ZR03.044.04	REAR	DDS	328	61	75	20	18.4	5

840i (E31)

Model Detail 4.0 V8 Year 1989-94 Chassis E31

ZR03.004.01	FRONT	STANDARD	324	77.1	79	30	28.4	5
ZR03.004.02	FRONT	S6	324	77.1	79	30	28.4	5
ZR03.004.03	FRONT	S12	324	77.1	79	30	28.4	5
ZR03.004.04	FRONT	DDS	324	77.1	79	30	28.4	5
ZR03.033.01	REAR	STANDARD	324	61	75	12	10	5
ZR03.033.02	REAR	S6	324	61	75	12	10	5
ZR03.033.03	REAR	S12	324	61	75	12	10	5
ZR03.033.04	REAR	DDS	324	61	75	12	10	5

850i Ci (E31)

BMW

PARTNUMBER POSITION TYPE DIAM HEIGHT CNTR HOLE THICKNESS MIN THICK STUD NOTES

Model Detail 5.0 V12 Year 1992-94 Chassis E31

ZR03.004.01	FRONT	STANDARD	324	77.1	79	30	28.4	5
ZR03.004.02	FRONT	S6	324	77.1	79	30	28.4	5
ZR03.004.03	FRONT	S12	324	77.1	79	30	28.4	5
ZR03.004.04	FRONT	DDS	324	77.1	79	30	28.4	5
ZR03.033.01	REAR	STANDARD	324	61	75	12	10	5
ZR03.033.02	REAR	S6	324	61	75	12	10	5
ZR03.033.03	REAR	S12	324	61	75	12	10	5
ZR03.033.04	REAR	DDS	324	61	75	12	10	5

M3 (E30)

Model Detail 2.3 Year 1986-91 Chassis E30

ZR03.072.02	REAR		282	65	75	12	10.4	5
ZR03.072.04	REAR		282	65	75	12	10.4	5

M3 (E36)

Model Detail 3.0i 24V Year 1992-95 Chassis E36

ZR03.039.01	FRONT	STANDARD	315	52.5	79	28	26.4	5
ZR03.039.02	FRONT	S6	315	52.5	79	28	26.4	5
ZR03.039.03	FRONT	S12	315	52.5	79	28	26.4	5
ZR03.039.04	FRONT	DDS	315	52.5	79	28	26.4	5
ZR03.040.01	REAR	STANDARD	312	61	79	19.9	18.4	5
ZR03.040.02	REAR	S6	312	61	79	19.9	18.4	5
ZR03.040.03	REAR	S12	312	61	79	19.9	18.4	5
ZR03.040.04	REAR	DDS	312	61	79	19.9	18.4	5

M3 (E46)

Model Detail 3.2 Year 2001- Chassis E46

ZR03.057.01	FRONT							X-Drilled
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M5 (E34)

Model Detail 3.8 24V Year 1992-95 Chassis E34

ZR03.032.01	FRONT	STANDARD	315	76	79	28	26.4	5
ZR03.032.02	FRONT	S6	315	76	79	28	26.4	5
ZR03.032.04	FRONT	DDS	315	76	79	28	26.4	5
ZR03.033.03	FRONT	S12	324	61	75	12	10	5
ZR03.035.01	REAR	STANDARD	298	61	75	20	18.4	5
ZR03.035.02	REAR	S6	298	61	75	20	18.4	5
ZR03.035.03	REAR	S12	298	61	75	20	18.4	5
ZR03.035.04	REAR	DDS	298	61	75	20	18.4	5

Model Detail 3.5i 24V Year 1988-91 Chassis E34

ZR03.032.01	FRONT	STANDARD	315	76	79	28	26.4	5
ZR03.032.02	FRONT	S6	315	76	79	28	26.4	5
ZR03.032.04	FRONT	DDS	315	76	79	28	26.4	5
ZR03.033.03	FRONT	S12	324	61	75	12	10	5
ZR03.035.01	REAR	STANDARD	298	61	75	20	18.4	5
ZR03.035.02	REAR	S6	298	61	75	20	18.4	5
ZR03.035.03	REAR	S12	298	61	75	20	18.4	5
ZR03.035.04	REAR	DDS	298	61	75	20	18.4	5

M635

Model Detail 3.5 Year 1985-89 Chassis

ZR03.014.01	REAR	STANDARD	284	61.1	75	10	8.4	5
ZR03.014.02	REAR	S6	284	61.1	75	10	8.4	5

BMW

PARTNUMBER	POSITION	TYPE	DIAM	HEIGHT	CNTR HOLE	THICKNESS	MIN THICK	STUD	NOTES
ZR03.014.03	REAR	S12	284	61.1	75	10	8.4	5	
ZR03.014.04	REAR	DDS	284	61.1	75	10	8.4	5	

X5 (E53)

Model Detail 4WD 3.0ltr Year 2001- Chassis E53

ZR03.047.01	FRONT	STANDARD	332	62	75	30	28.4	5	
ZR03.047.02	FRONT	S6	332	62	75	30	28.4	5	
ZR03.047.03	FRONT	S12	332	62	75	30	28.4	5	
ZR03.047.04	FRONT	DDS	332	62	75	30	28.4	5	
ZR03.048.01	REAR	STANDARD	324	80	75	12	10.4	5	
ZR03.048.02	REAR	S6	324	80	75	12	10.4	5	
ZR03.048.03	REAR	S12	324	80	75	12	10.4	5	
ZR03.048.04	REAR	DDS	324	80	75	12	10.4	5	

Model Detail 4WD 4.4ltr Year 1999- Chassis E53

ZR03.047.01	FRONT	STANDARD	332	62	75	30	28.4	5	
ZR03.047.02	FRONT	S6	332	62	75	30	28.4	5	
ZR03.047.03	FRONT	S12	332	62	75	30	28.4	5	
ZR03.047.04	FRONT	DDS	332	62	75	30	28.4	5	
ZR03.048.01	REAR	STANDARD	324	80	75	12	10.4	5	
ZR03.048.02	REAR	S6	324	80	75	12	10.4	5	
ZR03.048.03	REAR	S12	324	80	75	12	10.4	5	
ZR03.048.04	REAR	DDS	324	80	75	12	10.4	5	

Z3

Model Detail 1.8i Year 1996- Chassis Z3

ZR03.029.01	FRONT	STANDARD	286	51.5	79	11.9	10.4	5	
ZR03.029.02	FRONT	S6	286	51.5	79	11.9	10.4	5	
ZR03.029.03	FRONT	S12	286	51.5	79	11.9	10.4	5	
ZR03.029.04	FRONT	DDS	286	51.5	79	11.9	10.4	5	
ZR03.038.01	REAR	STANDARD	272	83	75	10	8.5	5	
ZR03.038.02	REAR	S6	272	83	75	10	8.5	5	
ZR03.038.03	REAR	S12	272	83	75	10	8.5	5	
ZR03.038.04	REAR	DDS	272	83	75	10	8.5	5	

Model Detail 2.8i Year 1996- Chassis Z3

ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5	
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5	
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5	
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5	
ZR03.038.01	REAR	STANDARD	272	83	75	10	8.5	5	
ZR03.038.02	REAR	S6	272	83	75	10	8.5	5	
ZR03.038.03	REAR	S12	272	83	75	10	8.5	5	
ZR03.038.04	REAR	DDS	272	83	75	10	8.5	5	

Model Detail 1.9i Year 1996- Chassis Z3

ZR03.029.01	FRONT	STANDARD	286	51.5	79	11.9	10.4	5	
ZR03.029.02	FRONT	S6	286	51.5	79	11.9	10.4	5	
ZR03.029.03	FRONT	S12	286	51.5	79	11.9	10.4	5	
ZR03.029.04	FRONT	DDS	286	51.5	79	11.9	10.4	5	
ZR03.038.01	REAR	STANDARD	272	83	75	10	8.5	5	
ZR03.038.02	REAR	S6	272	83	75	10	8.5	5	
ZR03.038.03	REAR	S12	272	83	75	10	8.5	5	
ZR03.038.04	REAR	DDS	272	83	75	10	8.5	5	

Model Detail 2.0i Year 1996- Chassis Z3

ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5	
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BMW

<u>PARTNUMBER</u>	<u>POSITION</u>	<u>TYPE</u>	<u>DIAM</u>	<u>HEIGHT</u>	<u>CNTR HOLE</u>	<u>THICKNESS</u>	<u>MIN THICK</u>	<u>STUD</u>	<u>NOTES</u>
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5	
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5	
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5	
ZR03.038.01	REAR	STANDARD	272	83	75	10	8.5	5	
ZR03.038.02	REAR	S6	272	83	75	10	8.5	5	
ZR03.038.03	REAR	S12	272	83	75	10	8.5	5	
ZR03.038.04	REAR	DDS	272	83	75	10	8.5	5	

Z4

Model Detail 2.2 Year 2002-06 Chassis E85

ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5	
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5	
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5	
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5	
ZR03.063.01	REAR	STANDARD	280	75.2	75	10	8.4	5	
ZR03.063.02	REAR	S6	280	75.2	75	10	8.4	5	
ZR03.063.03	REAR	S12	280	75.2	75	10	8.4	5	
ZR03.063.04	REAR	DDS	280	75.2	75	10	8.4	5	

Model Detail 2.5 Year 2002-06 Chassis E85

ZR03.030.01	FRONT	STANDARD	286	51.5	79	21.9	20.4	5	
ZR03.030.02	FRONT	S6	286	51.5	79	21.9	20.4	5	
ZR03.030.03	FRONT	S12	286	51.5	79	21.9	20.4	5	
ZR03.030.04	FRONT	DDS	286	51.5	79	21.9	20.4	5	
ZR03.063.01	REAR	STANDARD	280	75.2	75	10	8.4	5	
ZR03.063.02	REAR	S6	280	75.2	75	10	8.4	5	
ZR03.063.03	REAR	S12	280	75.2	75	10	8.4	5	
ZR03.063.04	REAR	DDS	280	75.2	75	10	8.4	5	

Model Detail 3.0 Year 2002-06 Chassis E85

ZR03.006.01	FRONT	STANDARD	300	51.5	79	22	20.4	5	
ZR03.006.02	FRONT	S6	300	51.5	79	22	20.4		
ZR03.006.03	FRONT	S12	300	51.5	79	22	20.4		
ZR03.006.04	FRONT	DDS	300	51.5	79	22	20.4		
ZR03.064.01	REAR	STANDARD	294	74.5	75	19	17.4	5	
ZR03.064.02	REAR	S6	294	74.5	75	19	17.4	5	
ZR03.064.03	REAR	S12	294	74.5	75	19	17.4	5	
ZR03.064.04	REAR	DDS	294	74.5	75	19	17.4	5	