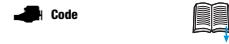


BMW

BMW



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| BMW | | | | | | |
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| Ltr. | | | | | | |
| 1,5 M 10 B 15 | 59 kW (80 PS) 1500 | 10/62-07/66 | 02-24185-04 ⑫ 11 12 1 260 670 08-19737-03 ⑬ 11 11 1 734 114 15-19747-01 ② 11 14 1 727 986 | 61-24185-50 11 12 9 065 653 86 Ø 1,5 mm | | |
| 1,6 M 10 B 16 | 55 kW (75 PS) 1502 (E10) | 01/75-07/77 | 02-24185-04 ⑫ 11 12 1 260 670 08-19737-03 ⑬ 11 11 1 734 114 15-19747-01 ② 11 14 1 727 986 | 61-24185-50 11 12 9 065 653 86 Ø 1,5 mm | 14-32000-01 11 12 0 621 144 (10x) ① 08/75→ | |
| 1,6 M 10 B 16 | 55 kW (75 PS) 315 (E21) 315 (E30) | 03/81-03/84 | 02-24185-05 ⑫ 11 12 9 065 702 08-19737-03 ⑬ 11 11 1 734 114 15-19747-01 ② 11 14 1 727 986 | 61-24185-50 11 12 9 065 653 86 Ø 1,5 mm | 14-32000-01 11 12 0 621 144 (10x) | |
| 1,6 M 10 B 16 | 59-77 kW (80-105 PS) 1500 1600 (E6) 1600 GT 1600 Ti (E10) 1600/2 (E10) 1602 (E10) | 09/63-07/75 | 02-24185-04 ⑫ 11 12 1 260 670 08-19737-03 ⑬ 11 11 1 734 114 15-19747-01 ② 11 14 1 727 986 | 61-24185-50 11 12 9 065 653 86 Ø 1,5 mm | | |
| 1,6 M 10 B 16 | 66 kW (90 PS) 316 (E21) | 08/75-08/80 | 02-24185-04 ⑫ 11 12 1 260 670 ① →07/78 02-24185-05 ⑫ 11 12 9 065 702 ① 08/78→ 08-19737-03 ⑬ 11 11 1 734 114 15-19747-01 ② 11 14 1 727 986 | 61-24185-50 11 12 9 065 653 86 Ø 1,5 mm | 14-32000-01 11 12 0 621 144 (10x) | |

② Dichtung Steuergehäuse / gasket timing case / joint carter distribution / junta para cárter de dirección (distribución) / guarnizione carter distribuzione / прокладка корпуса распределительного механизма



| 71-19738-50 11 12 1 734 276 | 12-21025-01 11 34 1 256 556 (8x) 70-21025-00 11 34 1 256 556 8x | 71-19741-10 3x 11 61 1 734 436 | 71-28708-10 4x 11 62 1 723 838 | 71-19737-20 11 13 1 727 974 | 81-19866-10 K ← 11 14 1 709 632 35x55x12 A SL RD ACM 81-18304-00 K → ⑥ 11 14 1 255 015 80x100x13 A LD MVQ 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
|---|---|--|--|---|---|
| 71-19738-50 11 12 1 734 276 | 12-21025-01 11 34 1 256 556 (8x) 70-21025-00 11 34 1 256 556 8x | 71-19741-10 3x 11 61 1 734 436 | 71-28708-10 4x 11 62 1 723 838 | 71-19737-20 11 13 1 727 974 | 81-19866-10 K ← 11 14 1 709 632 35x55x12 A SL RD ACM 81-18304-00 K → ⑥ 11 14 1 255 015 80x100x13 A LD MVQ 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 71-19738-50 11 12 1 734 276 | 12-25837-01 11 34 9 059 169 70-25837-00 11 34 1 273 501 8x | 71-19741-10 3x 11 61 1 734 436 | 71-28708-10 4x 11 62 1 723 838 | 71-19737-20 11 13 1 727 974 | 81-19866-10 K ← 11 14 1 709 632 35x55x12 A SL RD ACM 81-18304-00 K → ⑥ 11 14 1 255 015 80x100x13 A LD MVQ 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 71-19738-50 11 12 1 734 276 | 12-21025-01 11 34 1 256 556 (8x) 70-21025-00 11 34 1 256 556 8x | 71-19741-10 3x 11 61 1 734 436 | 71-28708-10 4x 11 62 1 723 838 | 71-19737-20 11 13 1 727 974 | 81-19866-10 K ← 11 14 1 709 632 35x55x12 A SL RD ACM 81-18304-00 K → ⑥ 11 14 1 255 015 80x100x13 A LD MVQ 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 71-19738-50 11 12 1 734 276 | 12-21025-01 11 34 1 256 556 (8x) ① →07/78 12-25837-01 11 34 9 059 169 ① 08/78→ 70-21025-00 11 34 1 256 556 ① →07/78 70-25837-00 11 34 1 273 501 ① 08/78→ 8x | 71-19741-10 3x 11 61 1 734 436 | 71-28708-10 4x 11 62 1 723 838 | 71-19737-20 11 13 1 727 974 | 81-19866-10 K ← 11 14 1 709 632 35x55x12 A SL RD ACM 81-18304-00 K → ⑥ 11 14 1 255 015 80x100x13 A LD MVQ 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |

⑥ 6-Lochflansch / 6-hole flange / bride à 6 trous / brida con 6 taladros / flangia a 6 fori / фланец с 6 отверстиями



| BMW | | | | | | | | | | | | | |
|--|-------------------------|----------------------------|-------------|---|--|--|---|--|--|---|---|---|--|
| Ltr. | | | | | | | | | | | | | |
| 1,6 M 40 B 16 M 40 B 16 C M 40 B 16 (Kat.) | 73-75 kW (99-102 PS) | 316 i (E30) 316 i (E36) | 09/87-06/94 | 02-27215-02 ⑫ 11 12 1 734 267 08-27546-01 ⑬ 11 11 9 059 257 | 61-27215-10 11 12 7 504 586 85 Ø 1,75 mm 61-27215-20 11 12 7 504 632 85 Ø 2,05 mm | | 14-32002-01 11 12 1 721 939 | 71-27547-00 11 12 1 727 726 | 12-26058-02 11 34 9 059 171 70-26058-00 11 34 1 288 544 | 8x 71-27123-00 11 61 1 721 346 71-27124-10 11 61 1 734 683 | 71-27218-10 11 62 1 716 703 | 71-27546-10 11 13 1 739 592 | 81-27556-00 K ← 11 14 1 714 617 42x52x8 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM 81-24641-10 N 11 12 1 285 609 38x50x7 A SL FPM |
| 1,6 M 40 B 16 (Kat.) | 73 kW (100 PS) | 316 i (E30) | 09/91-06/94 | 02-27215-02 ⑫ 11 12 1 734 267 08-27546-03 ⑬ 11 11 1 734 268 | 61-27215-10 11 12 7 504 586 85 Ø 1,75 mm 61-27215-20 11 12 7 504 632 85 Ø 2,05 mm | | 14-32002-01 11 12 1 721 939 | 71-27547-00 11 12 1 727 726 | 12-26058-02 11 34 9 059 171 70-26058-00 11 34 1 288 544 | 8x 71-27123-00 11 61 1 721 346 71-27124-10 11 61 1 734 683 | 71-27218-10 11 62 1 716 703 | 71-27546-10 11 13 1 739 592 | 81-27556-00 K ← 11 14 1 714 617 42x52x8 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM 81-24641-10 N 11 12 1 285 609 38x50x7 A SL FPM |
| 1,6 M 40 B 16 (Kat.) | 73 kW (100 PS) | 316 i (E36) | 09/90-09/93 | 02-27215-02 ⑫ 11 12 1 734 267 08-27546-01 ⑬ 11 11 9 059 257 ① →06/91 08-27546-03 ⑬ 11 11 1 734 268 ① 07/91→ | 61-27215-10 11 12 7 504 586 85 Ø 1,75 mm 61-27215-20 11 12 7 504 632 85 Ø 2,05 mm | | 14-32002-01 11 12 1 721 939 | 71-27547-00 11 12 1 727 726 | 12-26058-02 11 34 9 059 171 70-26058-00 11 34 1 288 544 | 8x 71-27123-00 11 61 1 721 346 71-27124-10 11 61 1 734 683 | 71-27218-10 11 62 1 716 703 | 71-27546-10 11 13 1 739 592 | 81-27556-00 K ← 11 14 1 714 617 42x52x8 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM 81-24641-10 N 11 12 1 285 609 38x50x7 A SL FPM |
| 1,6 M 43 B 16 | 75 kW (102 PS) | 316 i (E36) | 07/93-08/00 | 02-27215-03 ⑫ 11 12 9 066 452 ① →01/96 02-27215-04 ⑫ 11 12 0 007 610 ① 02/96→ 08-27546-04 ⑬ 11 11 9 066 453 15-29366-01 ② | 61-27215-10 11 12 7 504 586 85 Ø 1,75 mm 61-27215-20 11 12 7 504 632 85 Ø 2,05 mm | | 14-32002-01 11 12 1 721 939 | 15-29388-01 11 12 1 432 885 +11 12 1 721 879 (10x) 71-29388-00 11 12 1 432 885 | 12-26058-02 11 34 9 059 171 70-26058-00 11 34 1 288 544 | 8x 71-27124-10 11 61 1 734 683 71-29365-00 ⑩ 2x 11 61 1 739 545 ① →09/95 71-31254-00 ⑩ 2x 11 61 1 247 478 ① 10/95→ | 71-27218-10 11 62 1 716 703 ① →01/96 | 71-27546-10 11 13 1 739 592 ① →09/95 | 81-28498-00 K ← 11 14 1 435 848 44x60x10 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |

② Dichtung Steuergehäuse / gasket timing case / joint carter distribution / junta para cárter de dirección (distribucion) / guarnizione carter distribuzione / прокладка корпуса распределительного механизма

⑩ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiamento collettore aspirazione / прокладка, корпус впускного коллектора

③ Dichtung Ölsumpf / oil pan gasket / joint de carter d'huile / junta carter / guarnizione coppa dell'olio / прокладка поддона картера



| BMW | | | | | | |
|--------------------------------|--------------------------|---|-------------|--|--|---|
| 1,6 M 43 B 16 | 75 kW (102 PS) | 316 i (E36) | 01/96-10/99 | 02-27215-04 ⑫ 11 12 0 007 610 08-27546-04 ⑬ 11 11 9 066 463 15-29366-01 ② | 61-27215-10 11 12 7 504 586 85 Ø 1,75 mm 61-27215-20 11 12 7 504 632 85 Ø 2,05 mm | 14-32002-01 11 12 1 721 939 |
| 1,6 M 43 B 16 | 77 kW (105 PS) | 316 Ci (E46) 316 i (E46) | 04/00→ | 02-27215-05 ⑫ 11 12 0 007 612 08-33139-01 ⑬ 11 11 1 712 981 15-29366-01 ② | 61-27215-10 11 12 7 504 586 85 Ø 1,75 mm 61-27215-20 11 12 7 504 632 85 Ø 2,05 mm | 14-32002-01 11 12 1 721 939 |
| 1,6 N 40 B 16 A N 45 B 16 A | 85 kW (115-116 PS) | 116 i (E87) 316 Ci (E46) 316 i (E46) 316 i (E90) 316 ti (E46) | 06/02→ | 02-37283-01 ⑫ 11 12 0 143 667 08-34056-01 ⑬ 11 11 7 511 529 | 61-36255-00 11 12 7 509 710 0,4 mm MLS 61-36255-10 11 12 7 509 711 0,7 mm MLS | 14-32314-01 11 12 7 511 534 |
| 1,6 N 45 B 16 N 45 B 16 TU2 | 85-90 kW (115-122 PS) | 116 i (E81, E87) 116 i (E87) 316 i (E46) 316 i (E90) | 06/02→ | 02-37283-02 ⑫ 11 12 0 391 679 08-34056-01 ⑬ 11 11 7 511 529 | 61-36255-00 11 12 7 509 710 0,4 mm MLS 61-36255-10 11 12 7 509 711 0,7 mm MLS | 14-32314-01 11 12 7 511 534 |
| 1,7 M 41 D 18 Inter. | 66 kW (90 PS) | 318 tds (E36) | 01/95-08/00 | 02-31877-01 ⑫ 11 12 2 246 704 08-31876-01 ⑬ 11 11 2 246 703 | 61-31915-00 11 12 2 246 093 81 Ø 1,68 mm 2 □ 61-31915-10 11 12 2 246 092 81 Ø 1,87 mm 3 □ | 14-32004-02 11 12 9 067 792 |

⑫ Dichtung Steuergehäuse / gasket timing case / joint carter distribution / junta para cárter de dirección (distribución) / guarnizione carter distribuzione / прокладка корпуса распределительного механизма



| | | | | | |
|--|---|--|---|---|---|
| 15-29388-01 11 12 1 432 885 +11 12 1 721 879 (10x) 71-29388-00 11 12 1 432 885 | 12-26058-02 11 34 9 059 171 70-26058-00 11 34 1 288 544 8x | 71-27124-10 11 61 1 734 683 71-31254-00 ⑩ 2x 11 61 1 247 478 | 71-31334-00 11 62 1 743 719 | 71-31328-00 11 13 1 739 813 | 81-28498-00 K ← 11 14 1 435 848 44x60x10 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 15-29388-01 11 12 1 432 885 +11 12 1 721 879 (10x) 71-29388-00 11 12 1 432 885 | 12-26058-02 11 34 9 059 171 70-26058-00 11 34 1 288 544 8x | 71-33179-00 4x 11 61 1 437 384 71-33176-00 ⑩ 4x 11 61 1 437 383 | 71-31334-00 11 62 1 743 719 | 71-33139-00 11 13 1 432 109 | 81-28498-00 K ← 11 14 1 435 848 44x60x10 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 15-37283-01 11 12 0 031 987 | 12-37281-01 11 34 0 029 751 70-37281-00 11 34 7 505 417 16x | 11-37282-01 11 61 7 530 703 | 71-37279-00 18 40 7 506 778 71-37278-00 ⑩ 18 30 7 506 779 | 71-34056-00 11 13 7 511 224 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-20745-00 K → 11 11 7 511 396 90x110x12 AB SL LD |
| 15-37283-01 11 12 0 031 987 | 12-37281-01 11 34 0 029 751 70-37281-00 11 34 7 505 417 16x | 11-37284-01 11 61 7 528 584 | 71-37286-00 18 30 7 540 797 71-37287-00 ⑩ 18 30 7 540 798 | 71-34056-00 11 13 7 511 224 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-20745-00 K → 11 11 7 511 396 90x110x12 AB SL LD |
| 15-31877-01 11 12 2 245 599 +11 12 2 245 844 (6x) | 12-31306-07 11 34 9 065 438 70-31306-00 11 34 2 245 151 8x | 40-77534-00 4x 11 61 2 245 438 40-77535-00 11 61 2 245 439 | 71-29396-00 2x 11 62 2 243 782 71-31854-00 11 62 2 245 274 | 71-31876-00 11 13 9 067 655 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |

⑩ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiamento aspirazione / прокладка, корпус впускного коллектора



| BMW | | | | | | |
|-----------------------------------|---------------------------|---|-------------|---|--|---|
| 1,8 M 10 B 18 | 66-77 kW (90-105 PS) | 1800 1802 (E10) 1802 (E6) 2000 316 (Ecotronic) (E30) 316 (E21) 316 (E30) 316 i (E30) 318 (E21) 318 i (E21) 318 i (E30) 518 (E12) 518 (E28) 518 i (E28) | 07/69-12/90 | 02-24190-18 ⑫ 11 12 9 065 718 08-19737-03 ⑬ 11 11 1 734 114 15-19747-01 ② 11 14 1 727 986 | 61-24190-60 11 12 1 734 279 90 Ø 1,5 mm 61-24190-70 11 12 1 734 280 90 Ø 1,8 mm | 14-32000-01 11 12 0 621 144 (10x) |
| 1,8 M 40 B 18 | 83-85 kW (113-115 PS) | 318 i (E30) 318 i (E36) 518 i (E34) | 09/87-09/95 | 02-27215-02 ⑫ 11 12 1 734 267 08-27546-01 ⑬ 11 11 9 059 257 | 61-27215-10 11 12 7 504 586 85 Ø 1,75 mm 61-27215-20 11 12 7 504 632 85 Ø 2,05 mm | 14-32002-01 11 12 1 721 939 |
| 1,8 M 40 B 18 C M 40 B 18 Kat. | 83-103 kW (113-140 PS) | 318i (E30) | 06/88→ | 02-27215-02 ⑫ 11 12 1 734 267 08-27546-01 ⑬ 11 11 9 059 257 | 61-27215-10 11 12 7 504 586 85 Ø 1,75 mm 61-27215-20 11 12 7 504 632 85 Ø 2,05 mm | 14-32002-01 11 12 1 721 939 |
| 1,8 M 42 B 18 | 100 kW (136 PS) | 318 is (E30) | 09/89-08/91 | 02-28485-01 ⑫ 11 12 9 063 333 08-27546-02 ⑬ 11 11 1 727 595 | 61-28485-00 11 12 1 721 546 85 Ø 1,74 mm | 14-32002-01 11 12 1 721 939 |

⑫ Dichtung Steuergehäuse / gasket timing case / joint carter distribution / junta para cárter de dirección (distribucion) / guarnizione carter distribuzione / прокладка корпуса распределительного механизма
 ⑬ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiamento collettore aspirazione / прокладка, корпус впускного коллектора

| | | | | | |
|--|--|---|---|---|--|
| | | | | | |
| 71-19738-50 11 12 1 734 276 | 12-21025-01 11 34 1 256 556 (8x) 70-21025-00 11 34 1 256 556 8x | 71-19741-10 3x 11 61 1 734 436 71-19742-20 11 61 1 734 435 | 71-28708-10 4x 11 62 1 723 838 71-21007-30 ⑩ 18 11 1 728 363 | 71-19737-20 11 13 1 727 974 | 81-19866-10 K ← 11 14 1 709 632 35x55x12 A SL RD ACM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 71-27547-00 11 12 1 727 726 | 12-26058-02 11 34 9 059 171 70-26058-00 11 34 1 288 544 8x | 71-27123-00 2x 11 61 1 721 346 71-27124-10 11 61 1 734 683 | 71-27218-10 11 62 1 716 703 71-27267-00 ⑩ 18 30 1 728 208 | 71-27546-10 11 13 1 739 592 71-27554-00 ⑪ 11 13 1 709 815 ⑪ → 06/91 | 81-27556-00 K ← 11 14 1 714 617 42x52x8 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM 81-24641-10 N 11 12 1 285 609 38x50x7 A SL FPM |
| 71-27547-00 11 12 1 727 726 | 12-26058-02 11 34 9 059 171 70-26058-00 11 34 1 288 544 8x | 71-27123-00 2x 11 61 1 721 346 71-27124-10 11 61 1 734 683 | 71-27218-10 11 62 1 716 703 71-27267-00 ⑩ 18 30 1 728 208 | 71-27546-10 11 13 1 739 592 71-27554-00 ⑪ 11 13 1 709 815 ⑪ → 06/91 | 81-27556-00 K ← 11 14 1 714 617 42x52x8 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM 81-24641-10 N 11 12 1 285 609 38x50x7 A SL FPM |
| 15-28484-01 11 12 1 721 876 +11 12 1 721 475 +11 12 1 721 476 (3x) | 12-26058-03 11 34 9 059 171 (2x) 70-26058-00 11 34 1 288 544 16x | 71-28491-10 11 61 1 734 684 71-28492-00 ⑩ 11 61 1 717 761 | 71-28494-00 2x 11 62 1 728 983 71-28497-00 ⑩ 18 30 1 711 969 | 71-27546-10 11 13 1 739 592 71-27554-00 ⑪ 11 13 1 709 815 | 81-28498-00 K ← 11 14 1 435 848 44x60x10 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |

⑩ Dichtung Ölsumpf / oil pan gasket / joint de carter d'huile / junta carter / guarnizione coppa dell'olio / прокладка поддона картера



| BMW | | | | | | | | | | | |
|---------------|------------------------------|-------------|--|--|---|--|--|---|---|---|---|
| 1,8 M 42 B 18 | 103 kW (140 PS) 318 is (E36) | 03/92-02/98 | 02-28485-03 ⑫ 11 12 9 066 434 08-27546-02 ⑬ 11 11 1 727 595 ① →09/93 08-27546-06 ⑬ 11 11 9 066 436 ① 10/93→ 15-31356-01 ② 11 14 1 247 429 | 61-28485-00 11 12 1 721 546 85 Ø 1,74 mm | 14-32002-01 11 12 1 721 939 | 15-28484-01 11 12 1 721 876 +11 12 1 721 475 +11 12 1 721 476 (3x) | 12-26058-03 11 34 9 059 171 (2x) 70-26058-00 11 34 1 288 544 16x | 71-28491-10 11 61 1 734 684 71-29361-10 ⑩ 2x 11 61 1 734 490 ① →09/93 71-29365-00 ⑩ 2x 11 61 1 739 545 ① 09/93→ | 71-28494-00 2x 11 62 1 728 983 71-28497-00 ⑩ 18 30 1 711 969 | 71-27546-10 11 13 1 739 592 | 81-28498-00 K ← 11 14 1 435 848 44x60x10 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 1,8 M 42 B 18 | 103 kW (140 PS) 318 ti (E36) | 11/94-08/95 | 02-28485-03 ⑫ 11 12 9 066 434 08-27546-06 ⑬ 11 11 9 066 436 | 61-28485-00 11 12 1 721 546 85 Ø 1,74 mm | 14-32002-01 11 12 1 721 939 | 15-28484-01 11 12 1 721 876 +11 12 1 721 475 +11 12 1 721 476 (3x) | 12-26058-03 11 34 9 059 171 (2x) 70-26058-00 11 34 1 288 544 16x | 71-28491-10 11 61 1 734 684 71-29365-00 ⑩ 2x 11 61 1 739 545 | 71-28494-00 2x 11 62 1 728 983 71-28497-00 ⑩ 18 30 1 711 969 | 71-27546-10 11 13 1 739 592 | 81-28498-00 K ← 11 14 1 435 848 44x60x10 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 1,8 M 43 B 18 | 85 kW (115 PS) 518 i (E34) | 08/89-09/95 | 02-27215-03 ⑫ 11 12 9 066 452 08-27546-05 ⑬ 11 11 9 066 931 15-29366-01 ② 11 12 7 504 632 | 61-27215-10 11 12 7 504 586 85 Ø 1,75 mm 61-27215-20 11 12 7 504 632 85 Ø 2,05 mm | 14-32002-01 11 12 1 721 939 | 15-29388-01 11 12 1 432 885 +11 12 1 721 879 (10x) 71-29388-00 11 12 1 432 885 | 12-26058-02 11 34 9 059 171 70-26058-00 11 34 1 288 544 8x | 71-27124-10 11 61 1 734 683 71-29365-00 ⑩ 2x 11 61 1 739 545 | 71-27218-10 11 62 1 716 703 | 71-27546-10 11 13 1 739 592 | 81-28498-00 K ← 11 14 1 435 848 44x60x10 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |

② Dichtung Steuergewehäuse / gasket timing case / joint carter distribution / junta para cárter de dirección (distribucion) / guarnizione carter distribuzione / прокладка корпуса распределительного механизма

⑩ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiamento collettore aspirazione / прокладка, корпус впускного коллектора

⑩ Dichtung Ölsumpf / oil pan gasket / joint de carter d'huile / junta carter / guarnizione coppa dell'olio / прокладка поддона картера



| BMW | | | | | | |
|------------------|---|-------------|--|--|---|--|
| Ltr. | | | | | | |
| 1,8 M 43 B 18 | 85 kW (115-116 PS) Z3 (E36) 518 g (E34) | 10/95-10/98 | 02-27215-03 ⑫ 11 12 9 066 452 ① →01/96 02-27215-04 ⑫ 11 12 0 007 610 ① 02/96→ 08-27546-05 ⑬ 11 11 9 066 931 ① →01/96 08-27546-04 ⑬ 11 11 9 066 453 ① 02/96→ 15-29366-01 ② | 61-27215-10 11 12 7 504 586 85 Ø 1,75 mm 61-27215-20 11 12 7 504 632 85 Ø 2,05 mm | 14-32002-01 11 12 1 721 939 | |
| 1,8 M 43 B 18 | 85 kW (115-116 PS) 318 i (E36) 518 i (E34) | 10/93-10/99 | 02-27215-03 ⑫ 11 12 9 066 452 ① →01/96 02-27215-04 ⑫ 11 12 0 007 610 ① 02/96→ 08-27546-05 ⑬ 11 11 9 066 931 ① →01/96 08-27546-04 ⑬ 11 11 9 066 453 ① 02/96→ 15-29366-01 ② | 61-27215-10 11 12 7 504 586 85 Ø 1,75 mm 61-27215-20 11 12 7 504 632 85 Ø 2,05 mm | 14-32002-01 11 12 1 721 939 | |
| 1,8 M 47 N 20 D4 | 105 kW (143 PS) X3 (E83) | 09/08→ | 02-36878-01 ⑫ 11 12 7 788 072 08-39298-01 ⑬ 11 11 0 394 505 | 61-36455-00 11 12 7 790 052 1,45 mm MLS 1 <input type="checkbox"/> 61-36455-10 11 12 7 790 053 1,55 mm MLS 2 <input type="checkbox"/> 61-36455-20 11 12 7 790 054 1,65 mm MLS 3 <input type="checkbox"/> | 14-32004-02 11 12 9 067 792 | |

② Dichtung Steuergehäuse / gasket timing case / joint carter distribution / junta para cárter de dirección (distribucion) / guarnizione carter distribuzione / прокладка корпуса распределительного механизма
 ⑬ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiamento collettore aspirazione / прокладка, корпус впускного коллектора



| 15-29388-01 11 12 1 432 885 +11 12 1 721 879 (10x) 71-29388-00 11 12 1 432 885 | 12-26058-02 11 34 9 059 171 70-26058-00 11 34 1 288 544 | 71-27124-10 11 61 1 734 683 8x 71-31254-00 ⑩ 2x 11 61 1 247 478 | 71-27218-10 11 62 1 716 703 ① →01/96 71-31334-00 11 62 1 743 719 ① 02/96→ 71-27267-00 ⑩ 18 30 1 728 208 | 71-31328-00 11 13 1 739 813 71-29412-10 ⑪ 11 13 1 727 563 ① →01/96 | 81-28498-00 K ← 11 14 1 435 848 44x60x10 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
|--|--|---|---|---|---|
| 15-29388-01 11 12 1 432 885 +11 12 1 721 879 (10x) 71-29388-00 11 12 1 432 885 | 12-26058-02 11 34 9 059 171 70-26058-00 11 34 1 288 544 | 71-27124-10 11 61 1 734 683 8x 71-29365-00 ⑩ 2x 11 61 1 739 545 ① →09/95 71-31254-00 ⑩ 2x 11 61 1 247 478 ① 10/95→ | 71-27218-10 11 62 1 716 703 ① →01/96 71-31334-00 11 62 1 743 719 ① 02/96→ 71-27267-00 ⑩ 18 30 1 728 208 | 71-27546-10 11 13 1 739 592 ① →09/95 71-31328-00 11 13 1 739 813 ① 10/95→ 71-29412-10 ⑪ 11 13 1 727 563 ① →01/96 | 81-28498-00 K ← 11 14 1 435 848 44x60x10 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 71-36878-00 11 12 7 794 495 | 12-35172-01 11 34 9 070 982 70-35172-00 11 34 2 247 171 | 71-33109-10 11 61 7 790 198 4x 71-77546-00 ⑩ 4x 11 61 2 246 945 | 71-33027-00 2x 11 62 7 796 480 | 71-39298-00 11 13 0 139 259 Gummi/Metall | 81-37002-00 K ← 55x68x8 AB RD PTFE 81-90032-00 K → 11 14 7 787 262 |

⑩ Dichtung Ölsumpf / oil pan gasket / joint de carter d'huile / junta carter / guarnizione coppa dell'olio / прокладка поддона картера




















| BMW | | | | | | | | | | | | | | | | |
|---|---|-------------|--|--|---|---|--|---|-----|--|--|--|--|---|---|---|
| Ltr. | | | | | | | | | | | | | | | | |
| 1,8 N 42 B 18 N 46 B 18 N 46 B 18 A | 85 kW (115 PS) 316 i (E46) 316 ti (E46) | 06/01-02/05 | | 02-37293-01 ⑫ 11 12 0 308 857 | 61-36255-00 11 12 7 509 710 0,4 mm MLS 61-36255-10 11 12 7 509 711 0,7 mm MLS | 14-32314-01 11 12 7 511 534 | 15-37293-01 11 12 0 032 224 | 12-37281-01 11 34 0 029 751 70-37281-00 11 34 7 505 417 | 16x | 11-37282-01 11 61 7 530 703 | 71-37279-00 18 40 7 506 778 | 71-37278-00 ⚠ 18 30 7 506 779 | 71-34056-00 11 13 7 511 224 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-20745-00 K → 11 11 7 511 396 90x110x12 AB SL LD | | |
| 1,9 M 43 B 16 E3 M 43 B 19 M 43 B 19 E1 M 43 B 19 TU | 77-87 kW (105-118 PS) Z3 (E36) 316 i (E36) 316 i (E46) 318 Ci (E46) 318 i (E46) | 02/98-02/05 | | 02-34910-01 ⑫ 11 12 1 712 309 08-33139-01 ⑬ 11 11 1 712 981 15-29366-01 ② | 61-34910-00 11 12 1 708 585 86 Ø 1,74 mm 61-34910-10 11 12 1 708 606 86 Ø 2,1 mm | 14-32002-01 11 12 1 721 939 | 15-29388-01 11 12 1 432 885 +11 12 1 721 879 (10x) 71-29388-00 11 12 1 432 885 | 12-26058-02 11 34 9 059 171 70-26058-00 11 34 1 288 544 | 8x | 71-33179-00 4x 11 61 1 437 384 | 71-31334-00 11 62 1 743 719 | 71-31339-00 11 13 1 432 109 | 81-28498-00 K ← 11 14 1 435 848 44x60x10 A SL RD FPM 81-20745-50 K → 90x110x12 AB SL LD PTFE ACM | | | |
| 1,9 M 44 B 19 | 103 kW (140 PS) Z3 (E36) 318 is (E36) 318 ti (E36) | 07/95-08/00 | | 02-31240-01 ⑫ 11 12 1 743 375 01/96-09/96 02-31240-02 ⑫ 11 12 9 070 615 10/96→ 08-31328-01 ⑬ 11 11 1 743 981 15-31256-01 ② 11 14 1 743 065 15-31329-01 ② 11 14 1 432 099 | 61-31240-00 11 12 1 433 950 86 Ø 1,74 mm | 14-32002-01 11 12 1 721 939 | 15-28484-01 11 12 1 721 876 +11 12 1 721 475 +11 12 1 721 476 (3x) | 12-31306-12 11 34 9 063 193 70-31306-00 11 34 2 245 151 | 16x | 71-28491-10 11 61 1 734 684 | 71-28494-00 2x 11 62 1 728 983 | 71-31589-00 11 62 1 435 366 | 71-27467-00 ⚠ 11 76 1 711 717 01/96-09/96 | 71-28497-00 ⚠ 18 30 1 711 969 10/96→ | 71-31328-00 11 13 1 739 813 | 81-28498-00 K ← 11 14 1 435 848 44x60x10 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 2,0 M 10 B 20 | 74-96 kW (100-131 PS) 2000 2000 C/CA (E9) 2000 CS (E9) 2000 Ti 2000 Tii 2002 (E10) 2002 (E6) 2002 Ti (E10) 2002 Tii (E10) 2002 Tii (E6) 320 (E21) 320 i (E21) 518 i (E12) 520 (E12) 520 i (E12) | 10/65-08/82 | | 02-24190-22 ⑫ 11 12 9 065 721 08-19737-03 ⑬ 11 11 1 734 114 15-19747-01 ② 11 14 1 727 986 | 61-24190-60 11 12 1 734 279 90 Ø 1,5 mm 61-24190-70 11 12 1 734 280 90 Ø 1,8 mm | | 71-19738-50 11 12 1 734 276 | 12-21025-01 11 34 1 256 556 (8x) 70-21025-00 11 34 1 256 556 | 8x | 71-20560-10 3x 11 61 1 727 994 | 71-20574-10 11 61 1 727 995 | 71-26849-20 4x 11 62 1 723 839 | 71-21007-30 ⚠ 18 11 1 728 363 | 71-19737-20 11 13 1 727 974 | 81-19866-10 K ← 11 14 1 709 632 35x55x12 A SL RD ACM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM | |























⑫ Dichtung Steuergehäuse / gasket timing case / joint carter distribution / junta para cárter de dirección (distribucion) / guarnizione carter distribuzione / прокладка корпуса распределительного механизма

⑬ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiamento aspirazione / прокладка, корпус впускного коллектора



| BMW | | |  |  |  |
|---|---|---|---|---|--|
| Ltr.  |  |  |  |  |  |
| 2,0 M 10 B 20 Turbo, Schäfer PL04 inj. | 125 kW (170 PS) 2002 Turbo (E10) | 01/74-07/75 | 02-24190-20 ⑫ 11 12 9 065 724 ① 01/75→ | 61-24190-60 11 12 1 734 279 90 Ø 1,5 mm 61-24190-70 11 12 1 734 280 90 Ø 1,8 mm  | 14-32000-01 11 12 0 621 144 (10x)  |
| 2,0 M 20 B 20 | 90-95 kW (122-129 PS) 320i (E30) 320/6 (E21) 520i (E28) 520/6 (E12) | 09/77-12/87 | 02-24465-05 ⑫ 11 12 9 059 248 08-24600-03 ⑬ 11 11 1 730 875 | 61-24465-50 11 12 1 722 726 81 Ø 2,05 mm 61-24465-60 11 12 1 722 725 81 Ø 1,75 mm  | 14-32001-01 11 12 1 726 478  |
| 2,0 M 20 B 20 | 92 kW (125 PS) 520i (E28) | 06/81-12/87 | 02-24465-05 ⑫ 11 12 9 059 248 ① →08/82 02-24465-06 ⑫ 11 12 1 730 876 ① 09/82→ 08-24600-03 ⑬ 11 11 1 730 875 | 61-24465-50 11 12 1 722 726 81 Ø 2,05 mm 61-24465-60 11 12 1 722 725 81 Ø 1,75 mm  | 14-32001-01 11 12 1 726 478  |
| 2,0 M 20 B 20 | 95 kW (129 PS) 320i (E30) 520i (E34) | 12/85-10/93 | 02-24465-06 ⑫ 11 12 1 730 876 08-24600-03 ⑬ 11 11 1 730 875 | 61-24465-50 11 12 1 722 726 81 Ø 2,05 mm 61-24465-60 11 12 1 722 725 81 Ø 1,75 mm  | 14-32001-01 11 12 1 726 478  |

















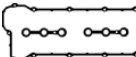

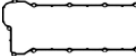





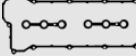


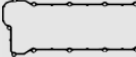



|  |  |  |  |  |  |
|--|---|--|---|--|--|
| 71-19738-50 11 12 1 734 276  | 12-21025-01 11 34 1 256 556 (8x) ① 01/75→ 70-21025-00 11 34 1 256 556 ① 01/75→ | 71-20560-10 3x 11 61 1 727 994 71-20574-10 11 61 1 727 995 71-23304-10 2x 11 91 9 065 677  | 71-26849-20 4x 11 62 1 723 839  | 71-19737-20 11 13 1 727 974  | 81-20745-40 K ← 11 14 2 245 364 90x110x12 A SL LD FPM 81-19866-10 K → 11 14 1 709 632 35x55x12 A SL RD ACM |
| 71-24469-10 11 12 1 730 229  | 12-26058-01 11 34 9 059 172 70-26058-00 11 34 1 288 544 | 71-24593-10 11 61 1 730 743 71-24594-10 4x 11 61 1 730 787  | 71-28708-10 6x 11 62 1 723 838 71-27467-00 2x 11 76 1 711 717  | 71-24600-20 11 13 1 730 234  | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM 81-24641-10 N 11 12 1 285 609 38x50x7 A SL FPM |
| 71-24469-10 11 12 1 730 229  | 12-26058-01 11 34 9 059 172 70-26058-00 11 34 1 288 544 | 71-24593-10 11 61 1 730 743 ① →08/82 71-24594-10 4x 11 61 1 730 787 ① →08/82 71-27037-10 4x 11 61 1 726 010 ① 09/82→ 71-27038-10 11 61 1 726 012 ① 09/82→  | 71-28708-10 6x 11 62 1 723 838 ① →08/82 71-27122-10 2x 11 62 1 728 489 ① 09/82→ 71-27467-00 2x 11 76 1 711 717  | 71-24600-20 11 13 1 730 234  | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM 81-24641-10 N 11 12 1 285 609 38x50x7 A SL FPM |
| 71-24469-10 11 12 1 730 229  | 12-26058-01 11 34 9 059 172 70-26058-00 11 34 1 288 544 | 71-27037-10 4x 11 61 1 726 010 71-27038-10 11 61 1 726 012  | 71-27122-10 2x 11 62 1 728 489 71-27467-00 2x 11 76 1 711 717  | 71-24600-20 11 13 1 730 234  | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM 81-24641-10 N 11 12 1 285 609 38x50x7 A SL FPM |



| BMW | | | | | | | | | | | | | | |
|--|---------------------------|---|-------------|---|---|---|--|--|--|------------------|--|--|---|--|
| Ltr. | | | | | | | | | | | | | | |
| 2,0 M 47 D 20 M 47 N 20 D1 | 85-100 kW (115-136 PS) | 318 d (E46) 320 d (E46) 520 d (E39) | 04/98-02/05 | 02-33896-01 ⑫ 11 12 2 247 501 08-35886-01 ⑬ 11 11 2 247 511 | 61-35010-00 11 12 2 247 498 84 Ø 1 MLS 61-35010-10 11 12 2 247 499 84 Ø 2 MLS 61-35010-20 11 12 2 247 500 84 Ø 3 MLS | 14-32004-02 11 12 9 067 792 | | 71-33896-00 11 12 2 246 996 | 12-35172-01 11 34 9 070 982 70-35172-00 11 34 2 247 171 | 16x | 71-33109-10 11 61 7 790 198 4x 71-77546-00 ⑩ 11 61 2 246 945 4x | 71-33027-00 11 62 7 796 480 2x | 71-35886-00 11 13 8 070 005 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 2,0 M 47 D 20 TU M 47 D 20 TU2 M 47 N 20 D4 M 47 N 20 D5 | 85-130 kW (115-177 PS) | X3 d (E83) 118 d (E87) 120 d (E87) 318 d (E46) 318 d (E91) 318 td (E46) 320 Cd (E46) 320 d (E46) 320 d (E90) 320 d (E91) 320 td (E46) 520 d (E60) 520 d (E61) | 09/01→ | 02-36878-01 ⑫ 11 12 7 788 072 08-39298-01 ⑬ 11 11 0 394 505 | 61-36455-00 11 12 7 790 052 1,45 mm 1 MLS 61-36455-10 11 12 7 790 053 1,55 mm 2 MLS 61-36455-20 11 12 7 790 054 1,65 mm 3 MLS | 14-32004-02 11 12 9 067 792 | | 71-36878-00 11 12 7 794 495 | 12-35172-01 11 34 9 070 982 70-35172-00 11 34 2 247 171 | 16x | 71-33109-10 11 61 7 790 198 4x 71-77546-00 ⑩ 11 61 2 246 945 4x | 71-33027-00 11 62 7 796 480 2x | 71-39298-00 11 13 0 139 259 | 81-37002-00 K ← 55x68x8 AB RD PTFE 81-90032-00 K → 11 14 7 787 262 |
| 2,0 M 50 B 20 M 50 B 20 (20 6 S1) M 50 B 20 (206 S2) Vanos M 50 B 25 TU | 110 kW (150 PS) | 320i (E36) 520i (E34) 520i 24V (E34) | 09/89-04/99 | 02-27815-01 ⑫ 11 12 1 730 252 ① →09/92 02-27815-02 ⑫ 11 12 9 064 466 ① 10/92→ 08-27698-02 ⑬ 11 11 9 064 460 | 61-31945-00 11 12 1 726 623 81 Ø 1,75 mm 61-31945-10 11 12 1 726 626 81 Ø 2,02 mm | 14-32002-02 11 12 1 721 938 | | 15-28939-01 11 12 0 034 106 ① →09/92 15-31036-01 11 12 0 034 107 ① 10/92→ 71-28939-00 11 12 1 735 720 ① →09/92 71-31036-00 11 12 1 738 701 ① 10/92→ 71-28940-00 2x 11 12 1 735 721 | 12-26058-01 11 34 9 059 172 ① →09/92 12-31306-05 11 34 9 064 457 ① 10/92→ 70-26058-00 11 34 1 288 544 ① →09/92 70-31306-00 11 34 2 245 151 ① 10/92→ | 2x 24x 24x | 71-28916-00 11 61 1 720 740 6x | 71-28494-00 11 62 1 728 983 71-28913-10 18 30 1 716 888 2x | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |

⑩ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiamento collettore aspirazione / прокладка, корпус впускного коллектора



| BMW | | | |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|--|---|---|--|--|--|--|---|
| Ltr.  |  |  | | | | | | | | | | |
| 2,0 M 50 B 20 M 50 B 20 (206 S2) Vanos M 50 B 25 TU | 110 kW (150 PS) 320 i (E36) | 12/93-10/99 | 02-27815-02 ⑫ 11 12 9 064 466 08-27698-02 ⑬ 11 11 9 064 460 | 61-31945-00 11 12 1 726 623 81 Ø 1,75 mm 61-31945-10 11 12 1 726 626 81 Ø 2,02 mm  | 14-32002-02 11 12 1 721 938  | 15-31036-01 11 12 0 034 107  2x 71-28940-00 11 12 1 735 721  2x 71-31036-00 11 12 1 738 701  | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 71-28916-00 11 61 1 720 740 6x  | 71-28494-00 11 62 1 728 983 3x 71-28913-10 ▲ 2x 18 30 1 716 888  | 71-27698-10 11 13 1 437 237  | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM | |
| 2,0 M 52 B 20 M 52 B 20 (20 6 S3) Vanos | 110 kW (150 PS) 320 i (E36) | 09/90-02/98 | 02-31945-01 ⑫ 11 12 1 740 982 1 →09/95 02-31945-02 ⑫ 11 12 1 427 825 1 10/95→ 08-27698-03 ⑬ 11 11 1 740 981 | 61-31945-00 11 12 1 726 623 81 Ø 1,75 mm 61-31945-10 11 12 1 726 626 81 Ø 2,02 mm  | 14-32101-01 11 12 1 740 065  | 15-31036-01 11 12 0 034 107 1 →09/95  2x 15-31401-01 11 12 0 034 108 1 10/95→  2x 71-28940-00 11 12 1 735 721 1 →09/95  2x 71-31036-00 11 12 1 738 701 1 →09/95  | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 71-31403-00 11 61 1 740 069 2x  | 71-31404-00 11 62 1 744 252 2x 71-28913-10 ▲ 2x 18 30 1 716 888  | 71-27698-10 11 13 1 437 237  | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM | |



| BMW | | | | | | | | | | | |
|---|-----------------------------|-------------|--|--|---|---|--|--|---|---|--|
| Ltr. | | | | | | | | | | | |
| 2,0 M 52 B 20 M 52 B 20 (20 6 S3) Vanos | 110 kW (150 PS) 320 i (E36) | 03/92-10/99 | 02-31945-01 ¹² 11 12 1 740 982 1 →09/95 02-31945-02 ¹² 11 12 1 427 825 1 →09/95-09/98 02-33470-01 ¹² 11 12 1 436 821 +11 62 1 732 969 (2x) 1 →10/98→ 08-27698-03 ¹³ 11 11 1 740 981 1 →09/98 08-27698-05 ¹³ 11 11 1 432 478 1 →10/98→ | 61-31945-00 11 12 1 726 623 81 Ø 1,75 mm 1 →09/98 61-31945-10 11 12 1 726 626 81 Ø 2,02 mm 1 →09/98 61-33470-00 11 12 7 506 983 81 Ø 0,7 mm MLS 1 →10/98→ 61-33470-10 11 12 7 506 984 81 Ø 1 mm MLS 1 →10/98→ | 14-32101-01 11 12 1 740 065 | 15-31036-01 11 12 0 034 107 1 →09/95 15-31401-01 11 12 0 034 108 1 →09/95-09/98 15-33077-01 11 12 9 070 990 1 →10/98→ 71-28940-00 2x 11 12 1 735 721 1 →09/95 71-31036-00 11 12 1 738 701 1 →09/95 71-31401-00 11 12 1 703 342 1 →10/95-09/98 71-31402-00 2x 1 →10/95→ 71-33077-00 11 12 1 744 893 1 →10/98→ 15-33077-01 11 12 9 070 990 71-31402-00 2x 71-33077-00 11 12 1 744 893 | 12-31306-05 11 34 9 064 457 70-31306-00 24x 11 34 2 245 151 | 11-33074-01 11 61 1 436 631 1 →10/98→ 71-31403-00 2x 11 61 1 740 069 1 →09/98 | 71-31404-00 2x 11 62 1 744 252 1 →09/98 71-34834-00 2x 11 62 1 732 969 1 →10/98→ 71-28913-10 ¹³ 2x 18 30 1 716 888 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 2,0 M 52 B 20 (20 6 S3) Vanos M 52 B 20 (206 S4) Vanos | 100-110 kW (136-150 PS) | 01/96-05/04 | 02-33470-01 ¹² 11 12 1 436 821 +11 62 1 732 969 (2x) 08-27698-05 ¹³ 11 11 1 432 478 | 61-33470-00 11 12 7 506 983 81 Ø 0,7 mm MLS 61-33470-10 11 12 7 506 984 81 Ø 1 mm MLS | 14-32101-01 11 12 1 740 065 | 15-33077-01 11 12 9 070 990 71-31402-00 2x 71-33077-00 11 12 1 744 893 | 12-31306-05 11 34 9 064 457 70-31306-00 24x 11 34 2 245 151 | 11-33074-01 11 61 1 436 631 | 71-34834-00 2x 11 62 1 732 969 71-28913-10 ¹³ 2x 18 30 1 716 888 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |














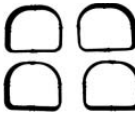















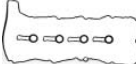





| BMW | | | | | | | | | | | | | |
|-------------------------------|----------------------------|--|--|-------------|---|--|---|---|--|--|---|---|---|
| Ltr. | | | | | | | | | | | | | |
| 2,0 M 52 B 20 (20 6 S3) Vanos | 110 kW (150 PS) | 320 i (E46) 520 i (E39) | | 01/96-09/00 | 02-31945-02 ⑫ 11 12 1 427 825 1 →09/98 02-33470-01 ⑫ 11 12 1 436 821 +11 62 1 732 969 (2x) 1 →10/98→ 08-27698-03 ⑬ 11 11 1 740 981 1 →09/98 08-27698-05 ⑬ 11 11 1 432 478 1 →10/98→ | 61-31945-00 11 12 1 726 623 81 Ø 1,75 mm 1 →09/98 61-31945-10 11 12 1 726 626 81 Ø 2,02 mm 1 →09/98 61-33470-00 11 12 7 506 983 81 Ø 0,7 mm MLS 1 →10/98→ 61-33470-10 11 12 7 506 984 81 Ø 1 mm MLS 1 →10/98→ | 14-32101-01 11 12 1 740 065 | 15-31401-01 11 12 0 034 108 1 →09/98 15-33077-01 11 12 9 070 990 1 →10/98→ 71-31401-00 11 12 1 703 342 1 →09/98 71-33077-00 11 12 1 744 893 1 →10/98→ 71-31402-00 2x | 12-31306-05 11 34 9 064 457 70-31306-00 24x 11 34 2 245 151 | 11-33074-01 11 61 1 436 631 1 →10/98→ 71-31403-00 2x 11 61 1 740 069 1 →09/98 | 71-31404-00 2x 11 62 1 744 252 1 →09/98 71-34834-00 2x 11 62 1 732 969 1 →10/98→ 71-28913-10 2x 18 30 1 716 888 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 2,0 N 42 B 20 N 46 B 20 A | 105 kW (143 PS) | 318 i (E46) 318 ti (E46) | | 09/01-02/05 | 02-37293-01 ⑫ 11 12 0 308 857 08-34056-01 ⑬ 11 11 7 511 529 | 61-36255-00 11 12 7 509 710 0,4 mm MLS 61-36255-10 11 12 7 509 711 0,7 mm MLS | 14-32314-01 11 12 7 511 534 | 15-37293-01 11 12 0 032 224 | 12-37281-01 11 34 0 029 751 70-37281-00 16x 11 34 7 505 417 | 11-37282-01 11 61 7 530 703 | 71-37279-00 18 40 7 506 778 71-37278-00 2x 18 30 7 506 779 | 71-34056-00 11 13 7 511 224 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-20745-00 K → 11 11 7 511 396 90x110x12 AB SL LD |
| 2,0 N 42 B 20 N 46 B 20 A | 105-110 kW (143-150 PS) | X3 (E83) Z4 (E85) 318 Ci (E46) 320 i (E90) 320 i (E92) | | 09/01→ | 02-37293-01 ⑫ 11 12 0 308 857 08-34056-01 ⑬ 11 11 7 511 529 | 61-36255-00 11 12 7 509 710 0,4 mm MLS 1 →01/07 61-36255-10 11 12 7 509 711 0,7 mm MLS 1 →01/07 | 14-32314-01 11 12 7 511 534 1 →01/07 14-32310-01 11 12 7 578 077 1 →02/07→ | 15-37293-01 11 12 0 032 224 | 12-37281-01 11 34 0 029 751 70-37281-00 16x 11 34 7 505 417 | 11-37282-01 11 61 7 530 703 | 71-37279-00 18 40 7 506 778 71-37278-00 2x 18 30 7 506 779 | 71-34056-00 11 13 7 511 224 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-20745-00 K → 11 11 7 511 396 90x110x12 AB SL LD |

























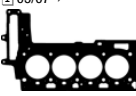

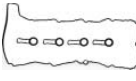
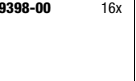













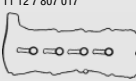
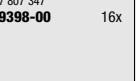







| BMW | | | | | | | | | | | | |
|--|----------------------------|---|-------------|--|--|--|---|---|---|--|---|---|
| 2,0 N 42 B 20 A N 42 B 20 B N 46 B 20 N 46 B 20 B | 95-110 kW (129-150 PS) | X3 (E83) Z4 (E85) 118 i (E87) 120 i (E87) 318 Ci (E46) 318 i (E90) 318 i (E91) 320 i (E90) | 09/01→ | 02-37293-02 ⑫ 11 12 0 391 974 +11 34 0 029 751 08-34056-01 ⑬ 11 11 7 511 529 | 61-36255-00 11 12 7 509 710 0,4 mm MLS ① →01/07 61-36255-10 11 12 7 509 711 0,7 mm MLS ① →01/07 61-37625-00 11 12 7 563 412 85 Ø 0,5 mm MLS ① 02/07→ 61-37625-10 11 12 7 578 093 85 Ø 0,8 mm MLS ① 02/07→ | 14-32314-01 11 12 7 511 534 ① →01/07 14-32310-01 11 12 7 578 077 ① 02/07→ | 15-37293-01 11 12 0 032 224 | 12-37281-01 11 34 0 029 751 70-37281-00 11 34 7 505 417 16x | 11-37284-01 11 61 7 528 584 | 71-37286-00 18 30 7 540 797 71-37287-00 ⚠ 18 30 7 540 798 | 71-34056-00 11 13 7 511 224 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-20745-00 K → 11 11 7 511 396 90x110x12 AB SL LD |
| 2,0 N 43 B 20 A | 90-125 kW (122-170 PS) | 116 i (E81, E87) 118 i (E81, E87) 118 i (E88) 120 i (E81, E87) 120 i (E82) 120 i (E88) 318 i (E30) 318 i (E91) 320 i (E90) 320 i (E91) 320 i (E92) 320 i (E93) 520 i (E60) 520 i (E61) | 03/07→ | 08-34056-01 ⑬ 11 11 7 511 529 | 61-37625-00 11 12 7 563 412 85 Ø 0,5 mm MLS 61-37625-10 11 12 7 578 093 85 Ø 0,8 mm MLS ① 02/07→ | 14-32310-01 11 12 7 578 077 | | | | 71-37134-00 4x 18 40 7 530 606 | 71-34056-00 11 13 7 511 224 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-20745-00 K → 11 11 7 511 396 90x110x12 AB SL LD |
| 2,0 N 46 B 20 | 105 kW (143 PS) | 318 i (E46) | 09/01-02/05 | 02-37293-02 ⑫ 11 12 0 391 974 +11 34 0 029 751 08-34056-01 ⑬ 11 11 7 511 529 | 61-36255-00 11 12 7 509 710 0,4 mm MLS 61-36255-10 11 12 7 509 711 0,7 mm MLS | 14-32314-01 11 12 7 511 534 | 15-37293-01 11 12 0 032 224 | 12-37281-01 11 34 0 029 751 70-37281-00 11 34 7 505 417 16x | 11-37284-01 11 61 7 528 584 | 71-37286-00 18 30 7 540 797 71-37287-00 ⚠ 18 30 7 540 798 | 71-34056-00 11 13 7 511 224 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-20745-00 K → 11 11 7 511 396 90x110x12 AB SL LD |
| 2,0 N 46 B 20 N 46 B 20 B N 46 B 20 TU2 | 105-125 kW (143-170 PS) | X1 (E84) X3 (E83) 120 i (E81, E87) 120 i (E82) 120 i (E88) 318 i (E30) 318 i (E91) 320 i (E93) | 03/07→ | 02-37293-02 ⑫ 11 12 0 391 974 +11 34 0 029 751 08-34056-01 ⑬ 11 11 7 511 529 | 61-37625-00 11 12 7 563 412 85 Ø 0,5 mm MLS 61-37625-10 11 12 7 578 093 85 Ø 0,8 mm MLS | 14-32310-01 11 12 7 578 077 | 15-37293-01 11 12 0 032 224 | 12-37281-01 11 34 0 029 751 70-37281-00 11 34 7 505 417 16x | 11-37284-01 11 61 7 528 584 | 71-37286-00 18 30 7 540 797 71-37287-00 ⚠ 18 30 7 540 798 | 71-34056-00 11 13 7 511 224 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-20745-00 K → 11 11 7 511 396 90x110x12 AB SL LD |



| BMW | | |  |  |  |  |  |  |  |  |  | |
|-----------------|------------------------|--|---|---|---|---|--|---|---|--|--|---|
| 2,0 N 46 B 20 C | 110 kW (150 PS) | 320 i (E90) | 01/05→ | 02-37293-02 ¹² 11 12 0 391 974 +11 34 0 029 751  08-34056-01 ¹³ 11 11 7 511 529 | 61-36255-00 11 12 7 509 710 0,4 mm MLS →01/07 61-36255-10 11 12 7 509 711 0,7 mm MLS →01/07  61-37625-00 11 12 7 563 412 85 Ø 0,5 mm MLS →02/07→ 61-37625-10 11 12 7 578 093 85 Ø 0,8 mm MLS →02/07→ | 14-32314-01 11 12 7 511 534 →01/07  14-32310-01 11 12 7 578 077 →02/07→  | 15-39287-01 11 12 0 035 738 FPM | 12-37281-01 11 34 0 029 751 70-37281-00 11 34 7 505 417 16x | 11-37284-01 11 61 7 528 584  | 71-37286-00 18 30 7 540 797  71-37287-00 ¹³ 18 30 7 540 798  | 71-34056-00 11 13 7 511 224  | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-20745-00 K → 11 11 7 511 396 90x110x12 AB SL LD |
| 2,0 N 46 N 20 B | 110 kW (149-150 PS) | 320 i (E92) 320 i (E93) | 11/06-08/07 | 02-37293-02 ¹² 11 12 0 391 974 +11 34 0 029 751  08-34056-01 ¹³ 11 11 7 511 529 | 61-37625-00 11 12 7 563 412 85 Ø 0,5 mm MLS 61-37625-10 11 12 7 578 093 85 Ø 0,8 mm MLS →02/07→ | 14-32310-01 11 12 7 578 077  | 15-39287-01 11 12 0 035 738 FPM | 12-37281-01 11 34 0 029 751 70-37281-00 11 34 7 505 417 16x | 11-37284-01 11 61 7 528 584  | 71-37286-00 18 30 7 540 797  71-37287-00 ¹³ 18 30 7 540 798  | 71-34056-00 11 13 7 511 224  | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-20745-00 K → 11 11 7 511 396 90x110x12 AB SL LD |
| 2,0 N 47 D 20 A | 85-130 kW (116-177 PS) | X3 (E83) 116 d (E81, E87) 118 d (E81, E87) 118 d (E88) 120 d (E82) 120 d (E88) 318 d (E91) 320 d (E90) 320 d (E91) 320 xd (E91) 520 d (E60) 520 d (E61) | 04/07→ | 02-39346-01 ¹² 11 12 7 807 293  08-39472-01 ¹³ 11 11 7 807 292 | 61-37635-00 11 12 7 806 246 1,55 mm MLS 1  61-37635-10 11 12 7 806 247 1,6 mm MLS 2  61-37635-20 11 12 7 806 248 1,65 mm MLS 3   | 14-32313-01 11 12 7 807 294  | 15-39346-01 11 12 7 807 017  | 12-39398-01 11 34 7 807 347 70-39398-00 16x | 71-39378-00 4x 11 61 7 801 438  | 71-39421-00 2x 11 62 7 811 221  | 71-39472-00 11 13 7 807 302  | 81-39382-00 K ← 11 11 7 802 665 55x68x8 RD FPM 81-39379-00 K → 11 14 7 797 490 90x104x8,5 LD FPM |



| BMW | | | |  |  |  |  |  |  |  |  |  |
|---------------------------------|----------------------------|---|---|--|--|--|--|--|---|---|---|---|
| 2,0 N 47 D 20 A | 100-130 kW (136-177 PS) | 118 d (E81, E87) 120 d (E81, E87) 120 d (E87) 318 d (E90) 320 d (E90) 320 d (E92) 320 d (E93) 320 xd (E71) 520 d (E60) 520 d (E61) | 09/04→  | 02-39346-01  ¹² 11 12 7 807 293 08-39472-01 ¹³ 11 11 7 807 292 | 61-37630-00 11 12 7 803 099 1,65 mm 1  MLS  →05/07 61-37630-10 11 12 7 803 100 1,7 mm 2  MLS  →05/07 61-37630-20 11 12 7 803 101 1,75 mm 3  MLS  →05/07  61-37635-00 11 12 7 806 246 1,55 mm 1  MLS  05/07→ 61-37635-10 11 12 7 806 247 1,6 mm 2  MLS  05/07→ 61-37635-20 11 12 7 806 248 1,65 mm 3  MLS  05/07→  | 14-32313-01 11 12 7 807 294  | 15-39346-01 11 12 7 807 017  | 12-39398-01 11 34 7 807 347 70-39398-00 16x  | 71-39378-00 4x 11 61 7 801 438  | 71-39421-00 2x 11 62 7 811 221  | 71-39472-00 11 13 7 807 302  | 81-39382-00 K ← 11 11 7 802 665 55x68x8 RD FPM 81-39379-00 K → 11 14 7 797 490 90x104x8,5 LD FPM |
| 2,0 N 47 D 20 B [NEW] | 150 kW (204 PS) | 123 d (E81, E87) 123 d (E82) 123 d (E88) | 10/07→ | 02-39346-02  ¹² 11 12 7 811 594 08-39472-01 ¹³ 11 11 7 807 292 | 61-37635-00 11 12 7 806 246 1,55 mm 1  MLS  05/07→ 61-37635-10 11 12 7 806 247 1,6 mm 2  MLS  05/07→ 61-37635-20 11 12 7 806 248 1,65 mm 3  MLS  05/07→  | 14-32313-01 11 12 7 807 294  →08/10  | 15-39346-01 11 12 7 807 017  | 12-39398-01 11 34 7 807 347 70-39398-00 16x  | 71-39378-00 4x 11 61 7 801 438  | 71-39421-00 2x 11 62 7 811 221  →09/11  | 71-39472-00 11 13 7 807 302  →04/10  | 81-39382-00 K ← 11 11 7 802 665 55x68x8 RD FPM 81-39379-00 K → 11 14 7 797 490 90x104x8,5 LD FPM |



| BMW | | | | | | |
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| Ltr. | | | | | | |
| 2,0 N 47 D 20 C [NEW] | 85-135 kW (116-184 PS) X1 (E84) X3 (E83) 116 d (E81, E87) 118 d (E81, E87) 118 d (E82) 118 d (E88) 120 d (E81, E87) 120 d (E82) 120 d (E88) 316 d (E90) 316 d (E91) 318 d (E90) 318 d (E91) 320 d (E90) 320 d (E91) 320 d (E91) 320 d (E91) 320 d (E92) 320 d (E93) 320 xd (E90) 520 d (E60) 520 d (E61) | 01/05→ | 02-39346-01 ⑫ 11 12 7 807 293 08-39472-01 ⑬ 11 11 7 807 292 | 61-37635-00 11 12 7 806 246 1,55 mm 1 MLS 61-37635-10 11 12 7 806 247 1,6 mm 2 MLS 61-37635-20 11 12 7 806 248 1,65 mm 3 MLS | 14-32313-01 11 12 7 807 294 ① →08/10 | |
| 2,0 N 47S D 20 D [NEW] | 150 kW (204 PS) X1 (E84) | 10/09→ | 02-39346-02 ⑫ 11 12 7 811 594 | 61-37635-00 11 12 7 806 246 1,55 mm 1 MLS 61-37635-10 11 12 7 806 247 1,6 mm 2 MLS 61-37635-20 11 12 7 806 248 1,65 mm 3 MLS | 14-32313-01 11 12 7 807 294 ① →08/10 | |
| 2,0 S 14 B 20 EA | 141 kW (192 PS) 320 is (E30) | 05/88-12/90 | 02-35080-01 ⑫ 11 12 1 316 992 08-19737-05 ⑬ 11 11 1 316 993 | 61-35080-00 11 12 1 316 714 94,5 1,82 mm | | |

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|--|---|--|--|---|---|
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| 15-39346-01 11 12 7 807 017 | 12-39398-01 11 34 7 807 347 70-39398-00 16x | 71-39378-00 4x 11 61 7 801 438 | 71-39421-00 2x 11 62 7 811 221 | 71-39472-00 11 13 7 807 302 ① →04/10 70-31414-10 ① 05/10→ | 81-39382-00 K ← 11 11 7 802 665 55x68x8 RD FPM 81-39379-00 K → 11 14 7 797 490 90x104x8,5 LD FPM |
| 15-39346-01 11 12 7 807 017 | 12-39398-01 11 34 7 807 347 70-39398-00 16x | 71-39378-00 4x 11 61 7 801 438 | 71-39421-00 2x 11 62 7 811 221 | 71-39472-00 11 13 7 807 302 | 81-39382-00 K ← 11 11 7 802 665 55x68x8 RD FPM 81-39379-00 K → 11 14 7 797 490 90x104x8,5 LD FPM |
| 15-35167-01 11 12 1 312 171 +11 12 1 312 173 (2x) | 12-26058-03 11 34 9 059 171 (2x) 70-26058-00 16x 11 34 1 288 544 | 71-27182-10 11 62 1 312 961 | 71-19737-20 11 13 7 727 974 | 81-28498-00 K ← 11 14 1 435 848 44x60x10 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM | |
| 71-27163-10 2x 11 12 1 312 173 | 71-35167-00 11 12 1 312 171 | | | | |



| BMW | | | | | | | | | | | | |
|------------------------------------|----------------------------|--|-------------|---|--|--|--|--|---|---|---|--|
| 2,2 M 54 B 22 M 54 B 22 S1 | 125 kW (170 PS) | Z3 (E36) 320 Ci (E46) 320i (E46) 520i (E39) | 08/00→ | 02-33077-01 ⑫ 11 12 7 507 597 ① →09/02 02-33470-02 ⑫ 11 12 7 507 597 +11 12 7 506 983 +11 62 1 732 969 ① →09/02 02-33470-03 ⑫ 11 12 0 141 055 +11 12 7 506 983 +11 62 1 732 969 (2x) ① 10/02→ 08-27698-05 ⑬ 11 11 1 432 478 | 61-33470-00 11 12 7 506 983 81 Ø 0,7 mm MLS 61-33470-10 11 12 7 506 984 81 Ø 1 mm MLS | 14-32101-01 11 12 1 740 065 | 15-33077-01 11 12 9 070 990 ① →09/02 | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 11-33074-01 11 61 1 436 631 | 71-34834-00 2x 11 62 1 732 969 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 2,2 M 54 B 22 S1 | 125 kW (170 PS) | Z4 (E85) 520i (E60) 520i (E61) | 07/03→ | 02-33470-03 ⑫ 11 12 0 141 055 +11 12 7 506 983 +11 62 1 732 969 (2x) 08-27698-05 ⑬ 11 11 1 432 478 | 61-33470-00 11 12 7 506 983 81 Ø 0,7 mm MLS 61-33470-10 11 12 7 506 984 81 Ø 1 mm MLS | 14-32101-01 11 12 1 740 065 | 15-33077-02 11 12 0 030 496 | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 11-33074-01 11 61 1 436 631 | 71-34834-00 2x 11 62 1 732 969 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 2,3 M 20 B 23 L-Jetronic | 102-110 kW (139-150 PS) | 323i (E21) 323i (E30) | 01/78-08/86 | 02-24465-06 ⑫ 11 12 1 730 876 08-24600-03 ⑬ 11 11 1 730 875 | 61-24465-50 11 12 1 722 726 81 Ø 2,05 mm 61-24465-60 11 12 1 722 725 81 Ø 1,75 mm | 14-32001-01 11 12 1 726 478 | 71-24469-10 11 12 1 730 229 | 12-26058-01 11 34 9 059 172 70-26058-00 11 34 1 288 544 12x | 71-27037-10 4x 11 61 1 726 010 71-27038-10 11 61 1 726 012 | 71-27122-10 2x 11 62 1 728 489 71-25844-20 ① 18 11 1 728 364 71-27467-00 ② 2x 11 76 1 711 717 | 71-24600-20 11 13 1 730 234 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM 81-24641-10 N 11 12 1 285 609 38x50x7 A SL FPM |
| 2,3 S 14 B 23 S 14 B 23 (EVO I) | 143-162 kW (195-220 PS) | M3 EVO I (E30) M3 (E30) M3 2.3 (E30) | 07/86-06/91 | 02-35080-01 ⑫ 11 12 1 316 992 08-19737-05 ⑬ 11 11 1 316 993 | 61-35080-00 11 12 1 316 714 94,5 Ø 1,82 mm | 14-32003-01 11 12 2 243 143(14x) | 15-35167-01 11 12 1 312 171 +11 12 1 312 173 (2x) | 12-26058-03 11 34 9 059 171 (2x) 70-26058-00 11 34 1 288 544 16x | 71-27182-10 11 62 1 312 961 | 71-19737-20 11 13 1 727 974 | 81-28498-00 K ← 11 14 1 435 848 44x60x10 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM | |
| 2,4 M 21 D 24 | 63 kW (86 PS) | 324 d (E30) 524 d (E28) | 09/85-08/91 | 02-26059-04 ⑫ 11 12 2 243 877 08-24600-04 ⑬ 11 11 2 243 888 | 61-26205-30 11 12 2 244 727 81 Ø 1,55 mm 1 61-26205-40 11 12 2 244 728 81 Ø 1,68 mm 2 61-26205-50 11 12 2 244 729 81 Ø 1,87 mm 3 | 14-32003-01 11 12 2 243 143(14x) | 71-26059-00 11 12 1 285 973 | 12-26058-01 11 34 9 059 172 70-26058-00 11 34 1 288 544 12x | 71-27308-10 3x 11 61 2 243 867 | 71-27039-10 11 62 2 243 884 71-27467-00 ① 2x 11 76 1 711 717 | 71-24600-20 11 13 1 730 234 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM 81-24641-10 N 11 12 1 285 609 38x50x7 A SL FPM |



| BMW | | | | | | | | | | | | |
|-------------------------------|-------------------------|--|-------------|---|--|--|--|---|---|---|---|--|
| 2,4 M 21 D 24 | 85 kW (115 PS) | 324 td (E30) 524 td (E28) 524 td (E34) | 09/83-09/95 | 02-26059-03 ⑫ 11 12 2 243 879 08-24600-04 ⑬ 11 11 2 243 888 | 61-26205-30 11 12 2 244 727 81 Ø 1,55 mm 1 □ 61-26205-40 11 12 2 244 728 81 Ø 1,68 mm 2 □ 61-26205-50 11 12 2 244 729 81 Ø 1,87 mm 3 □ | 14-32003-01 11 12 2 243 143(14x) | 71-26059-00 11 12 1 285 973 | 12-26058-01 11 34 9 059 172 70-26058-00 11 34 1 288 544 12x | 71-27308-10 3x 11 61 2 243 867 | 71-29396-00 6x 11 62 2 243 782 | 71-24600-20 11 13 1 730 234 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM 81-24641-10 N 11 12 1 285 609 38x50x7 A SL FPM |
| 2,5 M 20 B 25 | 125-126 kW (170-171 PS) | Z1 325 i (E30) 325 i X (E30) 525 i (E34) | 09/83-10/93 | 02-27035-03 ⑫ 11 12 9 059 240 08-24600-03 ⑬ 11 11 1 730 875 | 61-27035-20 11 12 1 722 735 85 Ø 2,05 mm 61-27035-30 11 12 1 722 734 85 Ø 1,75 mm | 14-32001-01 11 12 1 726 478 | 71-24469-10 11 12 1 730 229 | 12-26058-01 11 34 9 059 172 70-26058-00 11 34 1 288 544 12x | 71-27037-10 4x 11 61 1 726 010 71-27038-10 11 61 1 726 012 | 71-27122-10 2x 11 62 1 728 489 71-25844-20 18 11 1 728 364 71-27467-00 2x 11 76 1 711 717 | 71-24600-20 11 13 1 730 234 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM 81-24641-10 N 11 12 1 285 609 38x50x7 A SL FPM |
| 2,5 M 30 B 25 INAT | 107-110 kW (146-150 PS) | 2,5 CS (E9) 2500 (E3) 525 i (E12) | 10/68-05/81 | 02-24195-08 ⑫ 11 12 9 065 716 08-22601-02 ⑬ 11 00 1 267 942 15-22603-02 ② 11 14 1 735 047 | 61-24195-50 11 12 1 730 748 88 Ø 2,05 mm 61-24195-60 11 12 1 730 746 88 Ø 1,75 mm | | 71-22501-20 11 12 1 730 935 | 12-21025-02 11 34 1 256 556 (12x) 70-21025-00 11 34 1 256 556 12x | 71-24887-10 6x 11 61 1 730 788 | 71-23713-10 6x 11 62 1 723 851 71-22012-20 2x 18 11 1 723 843 | 71-22601-20 11 13 1 315 085 | 81-16004-10 K ← 11 14 1 715 100 42x62x12 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 2,5 M 50 B 25 M 50 B 25 TU | 141 kW (192 PS) | 325 i (E36) 525 i (E34) 525 i X (E34) 525 i 24V (E34) | 03/93-03/95 | 02-27820-02 ⑫ 11 12 9 064 467 08-27698-02 ⑬ 11 11 9 064 460 | 61-31940-00 11 12 1 726 617 85 Ø 1,75 mm 61-31940-10 11 12 1 726 620 85 Ø 2,05 mm | 14-32002-02 11 12 1 721 938 | 15-31036-01 11 12 0 034 107 | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 71-28917-00 6x 11 61 1 717 259 | 71-28494-00 3x 11 62 1 728 983 71-28913-10 2x 18 30 1 716 888 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 2,5 M 50 B 25 M 50 B 25 TU | 141 kW (192 PS) | 325 i (E36) 525 i (E34) 525 i X (E34) 525 i 24V (E34) | 09/89-04/99 | 02-27820-01 ⑫ 11 12 1 730 253 ① →09/92 02-27820-02 ⑫ 11 12 9 064 467 ① 10/92→ 08-27698-02 ⑬ 11 11 9 064 460 | 61-31940-00 11 12 1 726 617 85 Ø 1,75 mm 61-31940-10 11 12 1 726 620 85 Ø 2,05 mm | 14-32002-02 11 12 1 721 938 | 15-28939-01 11 12 0 034 106 ① →09/92 15-31036-01 11 12 0 034 107 ① 10/92→ | 12-26058-01 2x 11 34 9 059 172 ① →09/92 12-31306-05 11 34 9 064 457 ① 10/92→ 70-26058-00 24x 11 34 1 288 544 ① →09/92 70-31306-00 24x 11 34 2 245 151 ① 10/92→ | 71-28917-00 6x 11 61 1 717 259 | 71-28494-00 3x 11 62 1 728 983 71-28913-10 2x 18 30 1 716 888 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |

⑫ Dichtung Steuergehäuse / gasket timing case / joint carter distribution / junta para cárter de dirección (distribución) / guarnizione carter distribuzione / прокладка корпуса распределительного механизма



| BMW | | | | | |
|-----------------------|-----------------------------|-------------|--|---|---|
| 2,5 M 50 B 25 (Vanos) | 141 kW (192 PS) 325 i (E36) | 09/90-04/99 | 02-27820-01 ⑫ 11 12 1 730 253 ① →09/92 02-27820-02 ⑫ 11 12 9 064 467 ① 10/92→ 08-27698-02 ⑬ 11 11 9 064 460 | 61-31940-00 11 12 1 726 617 85 Ø 1,75 mm 61-31940-10 11 12 1 726 620 85 Ø 2,05 mm | 14-32002-02 11 12 1 721 938 |
| 2,5 M 51 D 25 | 85 kW (115 PS) 525 td (E34) | 03/93-01/97 | 02-31296-02 ⑫ 11 12 9 065 445 ① →08/95 02-31344-01 ⑫ 11 12 9 070 622 ① 09/95→ 08-31298-01 ⑬ 11 11 9 066 462 ① →01/94 08-31298-02 ⑬ 11 11 2 245 749 ① 02/94→ | 61-31330-10 11 12 2 245 483 80 Ø 1,87 mm 3 □ ① →01/94 61-31335-10 ④⑥ 11 12 2 245 427 80 Ø 1,87 mm 3 □ ① 02/94→ | 14-32004-01 11 12 9 067 790 |
| 2,5 M 51 D 25 | 85 kW (115 PS) 525 td (E34) | 04/93-09/95 | 02-31296-02 ⑫ 11 12 9 065 445 08-31298-01 ⑬ 11 11 9 066 462 ① →01/94 08-31298-02 ⑬ 11 11 2 245 749 ① 02/94→ | 61-31330-10 11 12 2 245 483 80 Ø 1,87 mm 3 □ ① →01/94 61-31335-10 ④⑥ 11 12 2 245 427 80 Ø 1,87 mm 3 □ ① 02/94→ | 14-32004-01 11 12 9 067 790 |

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|---|---|--|---|---|--|
| 15-28939-01 11 12 0 034 106 ① →09/92 | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 71-28917-00 6x 11 61 1 717 259 | 71-28494-00 3x 11 62 1 728 983 71-28913-10 2x 18 30 1 716 888 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 15-31036-01 11 12 0 034 107 ① 10/92→ | 12-31306-08 11 34 9 064 457 70-31306-00 11 34 2 245 151 12x | 71-29398-10 6x 11 61 2 244 391 ① →08/95 | 71-29396-00 4x 11 62 2 243 782 ① →08/95 71-31348-00 4x 11 62 2 246 174 ① 09/95→ 71-29399-00 11 62 2 244 568 | 71-31298-00 11 13 9 066 503 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 71-31296-00 11 12 2 244 398 | 12-31306-08 11 34 9 064 457 70-31306-00 11 34 2 245 151 12x | 71-29398-10 6x 11 61 2 244 391 | 71-29396-00 4x 11 62 2 243 782 71-29399-00 11 62 2 244 568 | 71-31298-00 11 13 9 066 503 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |

④ Gußträger / cast bracket / support en fonte / soporte de fundición / traversa in ghisa / литое основание



| BMW | | | | | | |
|-------------------------------------|---------------------------|--|-------------|---|--|---|
| Ltr. | | | | | | |
| 2,5 M 51 D 25 M 51 D 25 (Inter.) | 85-105 kW (115-143 PS) | 325 td (E36) 525 tds (E34) | 09/91-02/98 | 02-31296-01 ⑫ 11 12 2 244 328 1 →09/92 02-31296-02 ⑫ 11 12 9 065 445 1 →10/92-08/95 02-31344-01 ⑫ 11 12 9 070 622 1 →09/95→ 08-31298-01 ⑬ 11 11 9 066 462 1 →01/94 08-31298-02 ⑬ 11 11 2 245 749 1 →02/94→ | 61-31330-10 11 12 2 245 483 80 Ø 1,87 mm 3 □ 1 →01/94 61-31335-10 ④⑥ 11 12 2 245 427 80 Ø 1,87 mm 3 □ 1 →02/94→ | 14-32004-01 11 12 9 067 790 |
| 2,5 M 51 D 25 M 51 D 25 (Inter.) | 85-105 kW (116-143 PS) | 525 td (E39) 525 tds (E39) 725 tds (E38) | 01/96-05/04 | 02-31344-01 ⑫ 11 12 9 070 622 08-31298-02 ⑬ 11 11 2 245 749 | 61-31335-10 ④⑥ 11 12 2 245 427 80 Ø 1,87 mm 3 □ | 14-32004-01 11 12 9 067 790 |
| 2,5 M 51 D 25 (Inter.) | 105 kW (143 PS) | 325 tds (E36) | 05/93-02/98 | 02-31296-02 ⑫ 11 12 9 065 445 1 →12/95 02-31344-01 ⑫ 11 12 9 070 622 1 →01/96→ 08-31298-01 ⑬ 11 11 9 066 462 1 →01/94 08-31298-02 ⑬ 11 11 2 245 749 1 →02/94→ | 61-31330-10 11 12 2 245 483 80 Ø 1,87 mm 3 □ 1 →01/94 61-31335-10 ④⑥ 11 12 2 245 427 80 Ø 1,87 mm 3 □ 1 →02/94→ | 14-32004-01 11 12 9 067 790 |

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|---|--|--|--|---|--|
| 71-31296-00 11 12 2 244 398 1 →08/95 71-31344-00 11 12 2 245 686 1 →09/95→ | 12-26058-01 11 34 9 059 172 1 →09/92 12-31306-08 11 34 9 064 457 1 →10/92→ 70-26058-00 12x 11 34 1 288 544 1 →09/92 70-31306-00 12x 11 34 2 245 151 1 →10/92→ | 71-29398-10 6x 11 61 2 244 391 1 →08/95 40-77534-00 6x 11 61 2 245 438 40-77534-00 6x 11 61 2 245 438 | 71-29396-00 4x 11 62 2 243 782 1 →08/95 71-31348-00 4x 11 62 2 246 174 1 →09/95→ 71-29399-00 11 62 2 244 568 | 71-31298-00 11 13 9 066 503 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 71-31344-00 11 12 2 245 686 | 12-31306-08 12x 11 34 9 064 457 70-31306-00 12x 11 34 2 245 151 | 40-77534-00 6x 11 61 2 245 438 | 71-29399-00 11 62 2 244 568 71-31348-00 4x 11 62 2 246 174 | 71-31298-00 11 13 9 066 503 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 71-31296-00 11 12 2 244 398 1 →12/95 71-31344-00 11 12 2 245 686 1 →01/96→ | 12-31306-08 12x 11 34 9 064 457 70-31306-00 12x 11 34 2 245 151 | 71-29398-10 6x 11 61 2 244 391 1 →12/95 40-77534-00 6x 11 61 2 245 438 1 →01/96→ | 71-29396-00 4x 11 62 2 243 782 1 →12/95 71-31348-00 4x 11 62 2 246 174 1 →01/96→ 71-29399-00 11 62 2 244 568 | 71-31298-00 11 13 9 066 503 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |

@ Gußträger / cast bracket / support en fonte / soporte de fundición / traversa in ghisa / литое основание



| BMW | | | | | |
|------------------------|---|-------------|---|--|--|
| 2,5 M 51 D 25 (Inter.) | 105 kW (143 PS) 325 tds (E36) | 01/95-10/99 | 02-31296-02 ⑫ 11 12 9 065 445 11 12 2 245 427 80 Ø 1,87 mm 3 02-31344-01 ⑫ 11 12 9 070 622 11 01/96→ 08-31298-02 ⑬ 11 11 2 245 749 | 61-31335-10 ④⑥ 11 12 2 245 427 80 Ø 1,87 mm 3 14-32004-01 11 12 9 067 790 | |
| 2,5 M 51 D 25 (Inter.) | 105 kW (143 PS) 525 tds (E34) | 09/91-09/95 | 02-31296-01 ⑫ 11 12 2 244 328 80 Ø 1,87 mm 3 11 09/92→ 02-31296-02 ⑫ 11 12 9 065 445 11 10/92→ 08-31298-01 ⑬ 11 11 9 066 462 11 01/94→ 08-31298-02 ⑬ 11 11 2 245 749 11 02/94→ | 61-31330-10 11 12 2 245 483 80 Ø 1,87 mm 3 11 01/94→ 61-31335-10 ④⑥ 11 12 2 245 427 80 Ø 1,87 mm 3 11 02/94→ | 14-32004-01 11 12 9 067 790 |
| 2,5 M 52 B 25 TU | 125 kW (170 PS) 323 i (E46) 523 i (E39) | 11/95-09/00 | 02-31940-02 ⑫ 11 12 1 427 826 11 09/98→ 02-33070-01 ⑫ 11 12 1 436 822 +11 12 7 501 304 +11 62 1 732 969 (2x) 11 10/98→ 08-27698-03 ⑬ 11 11 1 740 981 11 09/98→ 08-27698-05 ⑬ 11 11 1 432 478 11 10/98→ | 61-31940-00 11 12 1 726 617 85 Ø 1,75 mm 11 09/98→ 61-31940-10 11 12 1 726 620 85 Ø 2,05 mm 11 09/98→ 61-33070-00 11 12 7 501 304 85 Ø 0,7 mm MLS 11 10/98→ 61-33070-10 11 12 7 501 305 85 Ø 1 mm MLS 11 10/98→ | 14-32002-02 ④⑤ 11 12 1 721 938 14-32101-01 11 12 1 740 065 Kurbelgeh. Aluguß |












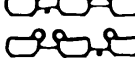





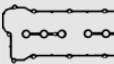
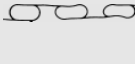






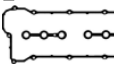
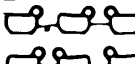
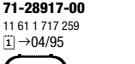



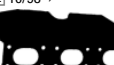


④⑤ Kurbelgehäuse Grauguß / crankcase cast iron / carter de vilebrequin fonte grise / caja del cigüeñal de fundición / basamento ghisa / картер двигателя - серый чугун



| 71-31296-00 11 12 2 244 398 11 12/95→ 71-31344-00 11 12 2 245 686 11 01/96→ | 12-31306-08 11 34 9 064 457 70-31306-00 11 34 2 245 151 12x | 71-29398-10 6x 11 61 2 244 391 11 12/95→ 40-77534-00 6x 11 61 2 245 438 11 01/96→ | 71-29396-00 4x 11 62 2 243 782 11 12/95→ 71-31348-00 4x 11 62 2 246 174 11 01/96→ 71-29399-00 11 62 2 244 568 | 71-31298-00 11 13 9 066 503 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
|--|--|--|---|---|--|
| 71-31296-00 11 12 2 244 398 | 12-26058-01 11 34 9 059 172 11 09/92→ 12-31306-08 11 34 9 064 457 11 10/92→ 70-26058-00 12x 11 34 1 288 544 11 09/92→ 70-31306-00 12x 11 34 2 245 151 11 10/92→ | 71-29398-10 6x 11 61 2 244 391 | 71-29396-00 4x 11 62 2 243 782 71-29399-00 11 62 2 244 568 | 71-31298-00 11 13 9 066 503 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 15-31401-01 11 12 0 034 108 11 09/98→ 15-33077-01 11 12 9 070 990 11 10/98→ | 12-31306-05 11 34 9 064 457 70-31306-00 24x 11 34 2 245 151 | 11-33074-01 11 61 1 436 631 11 10/98→ 71-31403-00 2x 11 61 1 740 069 11 09/98→ | 71-31404-00 2x 11 62 1 744 252 11 09/98→ 71-34834-00 2x 11 62 1 732 969 11 10/98→ 71-28913-10 2x 18 30 1 716 888 11 09/98→ | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |

④⑤ Gußträger / cast bracket / support en fonte / soporte de fundición / traversa in ghisa / литое основание



| BMW | | | |  |  |  |  |  |  |  |  |  |
|-----------------------|-----------------|----------------------------|-------------|---|--|---|--|---|---|--|--|--|
| 2,5 M 52 B 25 (Vanos) | 125 kW (170 PS) | 323 Ci (E46) 323i (E46) | 03/98-09/00 | 02-33070-01 ⑫ 11 12 1 436 822 +11 12 7 501 304 +11 62 1 732 969 (2x) 08-27698-05 ⑬ 11 11 1 432 478 | 61-33070-00 11 12 7 501 304 85 Ø 0,7 mm MLS 61-33070-10 11 12 7 501 305 85 Ø 1 mm MLS | 14-32101-01 11 12 1 740 065 Kurbelge. Aluguß  | 15-33077-01 11 12 9 070 990  | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 11-33074-01 11 61 1 436 631  | 71-34834-00 2x 11 62 1 732 969  71-28913-10 2x 18 30 1 716 888  | 71-27698-10 11 13 1 437 237  | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 2,5 M 52 B 25 (Vanos) | 125 kW (170 PS) | 323 i (E36) | 03/95-02/98 | 02-31940-01 ⑫ 11 12 1 740 984 ① →09/95 02-31940-02 ⑫ 11 12 1 427 826 ① 10/95→ 08-27698-03 ⑬ 11 11 1 740 981 | 61-31940-00 11 12 1 726 617 85 Ø 1,75 mm 61-31940-10 11 12 1 726 620 85 Ø 2,05 mm | 14-32002-02 ④⑤ 11 12 1 721 938  14-32101-01 11 12 1 740 065 Kurbelge. Aluguß  | 15-31036-01 11 12 0 034 107 ① →09/95  | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 71-31403-00 2x 11 61 1 740 069 ① 05/95→  | 71-28494-00 3x 11 62 1 728 983 ① →04/95  71-31404-00 2x 11 62 1 744 252 ① 05/95→  71-28913-10 2x 18 30 1 716 888  | 71-27698-10 11 13 1 437 237  | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 2,5 M 52 B 25 (Vanos) | 125 kW (170 PS) | 323 i (E36) | 03/95-04/99 | 02-31940-01 ⑫ 11 12 1 740 984 ① →09/95 02-31940-02 ⑫ 11 12 1 427 826 ① 10/95-09/98 02-33070-01 ⑫ 11 12 1 436 822 +11 12 7 501 304 +11 62 1 732 969 (2x) ① 10/98→ 08-27698-03 ⑬ 11 11 1 740 981 ① →09/98 08-27698-05 ⑬ 11 11 1 432 478 ① 10/98→ | 61-31940-00 11 12 1 726 617 85 Ø 1,75 mm ① →09/98 61-31940-10 11 12 1 726 620 85 Ø 2,05 mm ① →09/98 | 14-32002-02 ④⑤ 11 12 1 721 938  14-32101-01 11 12 1 740 065 Kurbelge. Aluguß  | 15-31036-01 11 12 0 034 107 ① →09/95  | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 11-33074-01 11 61 1 436 631 ① 10/98→  71-28917-00 6x 11 61 1 717 259 ① →04/95  71-31403-00 2x 11 61 1 740 069 ① 05/95-09/98  | 71-28494-00 3x 11 62 1 728 983 ① →04/95  71-31404-00 2x 11 62 1 744 252 ① 05/95-09/98  71-34834-00 2x 11 62 1 732 969 ① 10/98→  71-28913-10 2x 18 30 1 716 888  | 71-27698-10 11 13 1 437 237  | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |

④ Kurbelgehäuse Grauguß / crankcase cast iron / carter de vilebrequin fonte grise / caja del cigüeñal de fundición / basamento ghisa / картер двигателя - серый чугун



| BMW | | | | | | | | | | | | |
|-----------------------|-----------------|----------------------------|-------------|---|--|--|--|---|---|--|---|--|
| 2,5 M 52 B 25 (Vanos) | 125 kW (170 PS) | 323 i (E36) | 06/95-04/99 | 02-31940-01 ¹² 11 12 1 740 984 1 → 09/95 02-31940-02 ¹² 11 12 1 427 826 1 → 10/95-09/98 02-33070-01 ¹² 11 12 1 436 822 +11 12 7 501 304 +11 62 1 732 969 (2x) 1 → 10/98 → 08-27698-03 ¹³ 11 11 1 740 981 1 → 09/98 08-27698-05 ¹³ 11 11 1 432 478 1 → 10/98 → | 61-31940-00 11 12 1 726 617 85 Ø 1,75 mm 1 → 09/98 61-31940-10 11 12 1 726 620 85 Ø 2,05 mm 1 → 09/98 61-33070-00 11 12 7 501 304 85 Ø 0,7 mm MLS 1 → 10/98 → 61-33070-10 11 12 7 501 305 85 Ø 1 mm MLS 1 → 10/98 → | 14-32002-02 ⁴⁵ 11 12 1 721 938 14-32101-01 11 12 1 740 065 Kurbelge. Aluguß | 15-31036-01 11 12 0 034 107 1 → 09/95 15-31401-01 11 12 0 034 108 1 → 10/95-09/98 15-33077-01 11 12 9 070 990 1 → 10/98 → | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 11-33074-01 11 61 1 436 631 1 → 10/98 → 71-31403-00 2x 11 61 1 740 069 1 → 09/98 | 71-31404-00 2x 11 62 1 744 252 1 → 09/98 71-34834-00 2x 11 62 1 732 969 1 → 10/98 → 71-28913-10 ¹³ 2x 18 30 1 716 888 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 2,5 M 52 B 25 (Vanos) | 125 kW (170 PS) | 323 i (E36) 523 i (E39) | 09/95-09/00 | 02-31940-02 ¹² 11 12 1 427 826 1 → 09/98 02-33070-01 ¹² 11 12 1 436 822 +11 12 7 501 304 +11 62 1 732 969 (2x) 1 → 10/98 → 08-27698-03 ¹³ 11 11 1 740 981 1 → 09/98 08-27698-05 ¹³ 11 11 1 432 478 1 → 10/98 → | 61-31940-00 11 12 1 726 617 85 Ø 1,75 mm 1 → 09/98 61-31940-10 11 12 1 726 620 85 Ø 2,05 mm 1 → 09/98 61-33070-00 11 12 7 501 304 85 Ø 0,7 mm MLS 1 → 10/98 → 61-33070-10 11 12 7 501 305 85 Ø 1 mm MLS 1 → 10/98 → | 14-32002-02 ⁴⁵ 11 12 1 721 938 14-32101-01 11 12 1 740 065 Kurbelge. Aluguß | 15-31401-01 11 12 0 034 108 1 → 09/98 15-33077-01 11 12 9 070 990 1 → 10/98 → | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 11-33074-01 11 61 1 436 631 1 → 10/98 → 71-31403-00 2x 11 61 1 740 069 1 → 09/98 | 71-31404-00 2x 11 62 1 744 252 1 → 09/98 71-34834-00 2x 11 62 1 732 969 1 → 10/98 → 71-28913-10 ¹³ 2x 18 30 1 716 888 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 2,5 M 52 B 25 (Vanos) | 125 kW (170 PS) | 323 ti (E36) | 08/97-08/00 | 02-31940-02 ¹² 11 12 1 427 826 08-27698-03 ¹³ 11 11 1 740 981 | 61-31940-00 11 12 1 726 617 85 Ø 1,75 mm 61-31940-10 11 12 1 726 620 85 Ø 2,05 mm | 14-32002-02 ⁴⁵ 11 12 1 721 938 14-32101-01 11 12 1 740 065 Kurbelge. Aluguß | 15-31401-01 11 12 0 034 108 | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 71-31403-00 2x 11 61 1 740 069 | 71-31404-00 2x 11 62 1 744 252 71-28913-10 ¹³ 2x 18 30 1 716 888 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |

45 Kurbelgehäuse Grauguß / crankcase cast iron / carter de vilebrequin fonte grise / caja del cigüeñal de fundición / basamento ghisa / картер двигателя - серый чугун



| BMW | | | | | | | | | | | | |
|---|-----------------|--|-------------|---|--|---|---|---|--|--|---|--|
| 2,5 M 52 B 25 (Vanos) | 141 kW (192 PS) | 525 i X (E34) | 02/92-01/97 | 02-27820-01 ⑫ 11 12 1 730 253 ① →09/92 02-27820-02 ⑫ 11 12 9 064 467 ① 10/92-09/95 02-31940-02 ⑫ 11 12 1 427 826 ① 10/95→ 08-27698-03 ⑬ 11 11 1 740 981 | 61-31940-00 11 12 1 726 617 85 Ø 1,75 mm 61-31940-10 11 12 1 726 620 85 Ø 2,05 mm | 14-32002-02 11 12 1 721 938 | 15-28939-01 11 12 0 034 106 ① →09/92 | 12-26058-08 ① →09/92 12-31306-05 11 34 9 064 457 ① 10/92→ 70-26058-00 11 34 1 288 544 ① →09/92 70-31306-00 11 34 2 245 151 ① 10/92→ | 71-28917-00 6x 11 61 1 717 259 ① →09/95 | 71-28494-00 3x 11 62 1 728 983 ① →09/95 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 2,5 M 52 B 25 (Vanos) | 141 kW (192 PS) | 525 i X (E34) 525 i 24V (E34) | 09/89-09/95 | 02-27820-01 ⑫ 11 12 1 730 253 ① →09/92 02-27820-02 ⑫ 11 12 9 064 467 ① 10/92→ 08-27698-03 ⑬ 11 11 1 740 981 | 61-31940-00 11 12 1 726 617 85 Ø 1,75 mm 61-31940-10 11 12 1 726 620 85 Ø 2,05 mm | 14-32002-02 11 12 1 721 938 | 15-28939-01 11 12 0 034 106 ① →09/92 | 12-26058-08 ① →09/92 12-31306-05 11 34 9 064 457 ① 10/92→ 70-26058-00 11 34 1 288 544 ① →09/92 70-31306-00 11 34 2 245 151 ① 10/92→ | 71-28917-00 6x 11 61 1 717 259 | 71-28494-00 3x 11 62 1 728 983 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 2,5 M 54 B 25 M 54 N 25 S5 | 141 kW (192 PS) | X3 (E83) Z4 (E85) 525 i (E60) 525 i (E61) | 02/03→ | 02-33070-03 ⑫ 11 12 0 141 055 +11 12 7 501 304 +11 62 1 732 969 (2x) 08-27698-05 ⑬ 11 11 1 432 478 | 61-33070-00 11 12 7 501 304 85 Ø 0,7 mm MLS 61-33070-10 11 12 7 501 305 85 Ø 1 mm MLS | 14-32101-01 11 12 1 740 065 | 15-33077-02 11 12 0 030 496 | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 | 11-33074-01 11 61 1 436 631 | 71-34834-00 2x 11 62 1 732 969 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 2,5 M 54 B 25 M 54 N 25 S5 M 54 N 56 S3 | 141 kW (192 PS) | 325 Ci (E46) 325 i (E46) 325 ti (E46) 325 xi (E46) 525 i (E39) | 09/00→ | 02-33070-02 ⑫ 11 12 7 507 597 +11 12 7 501 304 +11 62 1 732 969 (2x) ① →09/02 02-33077-01 ⑫ 11 12 7 507 597 ① →09/02 | 61-33070-00 11 12 7 501 304 85 Ø 0,7 mm MLS 61-33070-10 11 12 7 501 305 85 Ø 1 mm MLS | 14-32101-01 11 12 1 740 065 | 15-33077-01 11 12 9 070 990 ① →09/02 | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 | 11-33074-01 11 61 1 436 631 | 71-34834-00 2x 11 62 1 732 969 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |



| BMW | | | | | | |
|----------------------------------|---|--------|---|---|---|--|
| Ltr. | | | | | | |
| 2,5 M 57 D 25 M 57 N 25 D1 | 120 kW (163 PS) 525 d (E39) 525 d (E60) | 02/00→ | 02-35176-01 ⑫ 11 12 2 248 985 08-37313-01 ⑬ 11 11 2 248 975 | 61-35005-00 11 12 2 354 013 80 Ø 1,45 mm 1 MLS 61-35005-10 11 12 2 354 014 80 Ø 1,55 mm 2 MLS 61-35005-20 11 12 2 354 015 80 Ø 1,65 mm 3 MLS | 14-32004-01 11 12 9 067 790 | |
| 2,5 M 57 D 25 TU M 57 N 25 D4 | 120-130 kW (163-177 PS) 525 d (E60) 525 d (E61) | 06/04→ | 02-35176-02 ⑫ 11 12 0 150 670 08-37313-02 ⑬ 11 11 0 150 669 | 61-36620-00 11 12 7 788 587 1,45 mm 1 MLS 61-36620-10 11 12 7 788 588 1,55 mm 2 MLS 61-36620-20 11 12 7 788 589 1,65 mm 3 MLS | 14-32004-01 11 12 9 067 790 | |
| 2,5 N 52 B 25 N 52 B 25 A | 130-160 kW (177-218 PS) X3 (E83) 323i (E90) 325i (E92) 325xi (E93) 523i (E60) 523i (E61) | 04/06→ | 02-37289-01 ⑫ 11 12 7 548 921 +11 34 0 034 068 +11 34 0 035 853 +11 34 0 032 582 02-37289-02 11 12 7 548 921 08-38669-01 ⑬ 11 11 7 548 101 | 61-35535-00 11 12 7 555 755 83 Ø 1,2 mm MLS 61-35535-10 11 12 7 555 756 83 Ø 1,5 mm MLS | 14-32315-01 11 12 7 548 799 | |
| 2,5 N 52 B 25 N 52 B 25 A | 130-160 kW (177-218 PS) Z4 (E85) 325i (E90) 325xi (E90) 523i (E60) 523i (E61) 525i (E60) 525i (E61) 525xi (E60) 525xi (E61) | 01/05→ | 02-37289-01 ⑫ 11 12 7 548 921 +11 34 0 034 068 +11 34 0 035 853 +11 34 0 032 582 02-37289-02 11 12 7 548 921 08-38669-01 ⑬ 11 11 7 548 101 | 61-35535-00 11 12 7 555 755 83 Ø 1,2 mm MLS 61-35535-10 11 12 7 555 756 83 Ø 1,5 mm MLS | 14-32315-01 11 12 7 548 799 | |

⑩ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiamento collettore aspirazione / прокладка, корпус впускного коллектора

| | | | | | |
|---|---|--|--|---|--|
| | | | | | |
| 71-35176-00 11 12 2 247 447 | 12-35172-02 11 34 9 071 732 70-35172-00 11 34 2 247 171 24x | 71-33109-10 6x 11 61 7 790 198 71-77546-00 ⑩ 6x 11 61 2 246 945 | 71-33027-00 3x 11 62 7 796 480 | 71-37313-00 11 13 0 149 329 | 81-37002-00 K ← 55x68x8 AB RD PTFE 81-20745-50 K → 90x110x12 AB SL LD PTFE ACM |
| 71-35176-00 11 12 2 247 447 | 12-35172-02 11 34 9 071 732 70-35172-00 11 34 2 247 171 24x | 71-33109-10 6x 11 61 7 790 198 71-77546-00 ⑩ 6x 11 61 2 246 945 | 71-33027-00 3x 11 62 7 796 480 | 71-37313-00 11 13 0 149 329 | 81-37002-00 K ← 55x68x8 AB RD PTFE 81-90032-00 K → 11 14 7 787 262 |
| 15-37289-01 11 12 7 581 215 | 12-36866-01 ES 11 34 0 034 068 12-37256-01 AS 11 34 0 035 853 | 11-37133-01 11 61 7 547 242 | 71-37134-00 6x 18 40 7 530 606 71-37136-00 2x 18 10 7 549 447 | 71-38669-00 11 13 7 548 031 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-37122-00 K → 11 11 7 584 398 90x110x12 A SL LD |
| 15-37289-01 11 12 7 581 215 | 12-36866-02 11 34 0 032 582 ① →03/06 12-36866-01 ES 11 34 0 034 068 12-37256-01 AS 11 34 0 035 853 ① 04/06→ | 11-37133-01 11 61 7 547 242 | 71-37134-00 6x 18 40 7 530 606 71-37136-00 2x 18 10 7 549 447 | 71-38669-00 11 13 7 548 031 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-37122-00 K → 11 11 7 584 398 90x110x12 A SL LD |

AS Auslaßseite / exhaust side / côté échappement / lado de escape / lato scarico / сторона выпуска

ES Einlaßseite / intake side / côté admission / lado de admisión / lato aspirazione / сторона впуска



| BMW | | | | | | | | | | | | |
|---|----------------------------|--|-------------|---|--|---|--|--|--|--|--|--|
| 2,5 N 52 B 25 A N 52 B 25 C N 52 N 25 A | 130-160 kW (177-218 PS) | Z4 (E89) 323 i (E90) 323 i (E91) 323 i (E92) 323 i (E93) 325 i (E90) 325 i (E92) 325 xi (E91) 325 xi (E92) | 09/05→ | 02-37159-01 ⑫ 11 12 7 571 963 +11 34 0 034 068 +11 34 0 035 853 08-38669-01 ⑬ 11 11 7 548 101 | 61-35535-00 11 12 7 555 755 83 Ø 1,2 mm MLS 61-35535-10 11 12 7 555 756 83 Ø 1,5 mm MLS | 14-32315-01 11 12 7 548 799 | 15-37159-01 11 12 7 582 245 | 12-36866-01 ES 11 34 0 034 068 12-37256-01 AS 11 34 0 035 853 | 11-37133-01 11 61 7 547 242 | 71-37134-00 6x 18 40 7 530 606 71-37136-00 ⑩ 2x 18 10 7 549 447 | 71-38669-00 11 13 7 548 031 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-37122-00 K → 11 11 7 584 398 90x110x12 A SL LD |
| 2,5 N 53 B 25 A [NEW] | 140 kW (190 PS) | | | 02-39286-01 ⑫ 11 12 7 561 438 08-38669-01 ⑬ 11 11 7 548 101 | | 14-32315-01 11 12 7 548 799 | 71-39286-00 11 12 7 544 368 ACM | 12-36866-01 ES 11 34 0 034 068 12-37256-01 AS 11 34 0 035 853 | 11-37133-01 11 61 7 547 242 | 71-37134-00 6x 18 40 7 530 606 71-37136-00 ⑩ 2x 18 10 7 549 447 | 71-38669-00 11 13 7 548 031 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-37122-00 K → 11 11 7 584 398 90x110x12 A SL LD |
| 2,5 S 14 B 25 (EVO II) | 175 kW (238 PS) | M3 EVO II (E30) | 01/90-01/92 | 02-35080-01 ⑫ 11 12 1 316 992 08-19737-05 ⑬ 11 11 1 316 993 | 61-35080-00 11 12 1 316 714 94,5 Ø 1,82 mm | | 15-35167-01 11 12 1 312 171 +11 12 1 312 173 (2x) | 12-26058-03 11 34 9 059 171 (2x) | 11-37133-01 11 61 7 547 242 | 71-37134-00 6x 18 40 7 530 606 71-37136-00 ⑩ 2x 18 10 7 549 447 | 71-19737-20 11 13 7 227 974 71-25900-10 ⑩ 11 13 1 727 983 | 81-28498-00 K ← 11 14 1 435 848 44x60x10 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 2,7 M 20 B 27 | 90-95 kW (122-129 PS) | 325 e (E30) 525 e (E28) | 09/81-12/88 | 02-27035-04 ⑫ 11 12 9 059 249 ① →12/86 02-27035-05 ⑫ 11 12 1 730 885 ① 01/87→ 08-24600-03 ⑬ 11 11 1 730 875 | 61-27035-20 11 12 1 722 735 85 Ø 2,05 mm 61-27035-30 11 12 1 722 734 85 Ø 1,75 mm | 14-32001-01 11 12 1 726 478 | 71-24469-10 11 12 1 730 229 | 12-26058-01 11 34 9 059 172 70-26058-00 12x 11 34 1 288 544 | 71-24593-10 11 61 1 730 743 ① →12/86 71-24594-10 4x 11 61 1 730 787 ① →12/86 71-27037-10 4x 11 61 1 726 010 ① 01/87→ 71-27038-10 11 61 1 726 012 ① 01/87→ | 71-28708-10 6x 11 62 1 723 838 ① →12/86 71-27122-10 2x 11 62 1 728 489 ① 01/87→ 71-27467-00 ⑩ 2x 11 76 1 711 717 | 71-24600-20 11 13 1 730 234 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM 81-24641-10 N 11 12 1 285 609 38x50x7 A SL FPM |

⑫ Dichtung Ölsumpf / oil pan gasket / joint de carter d'huile / junta carter / guarnizione coppa dell'olio / прокладка поддона картера
AS Auslaßseite / exhaust side / côté échappement / lado de escape / lato scarico / сторона выпуска

ES Einlaßseite / intake side / côté admission / lado de admisión / lato aspirazione / сторона впуска



| BMW | | | | | | |
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| Ltr. | | | | | | |
| 2,8 M 30 B 28 INAT | 121-135 kW (165-184 PS) 2.8 L (E3) 2800 CS (E9) 2800 (E3) 528 (E12) 528 i (E12) 528 i (E28) 628 CSI (E24) 728 (E23) 728 i (E23) | 10/68-12/87 | 02-24195-08 ⑫ 11 12 9 065 716 08-22601-02 ⑬ 11 00 1 267 942 15-22603-02 ② 11 14 1 735 047 | 61-24195-50 11 12 1 730 748 88 Ø 2,05 mm 61-24195-60 11 12 1 730 746 88 Ø 1,75 mm | 14-32000-02 11 12 0 621 144(14x) | |
| 2,8 M 52 B 28 | 141 kW (192 PS) Z3 (E36) | 04/97-06/00 | 02-31940-02 ⑫ 11 12 1 427 826 ① →09/98 02-33070-01 ⑫ 11 12 1 436 822 +11 12 7 501 304 +11 62 1 732 969 (2x) ① 10/98→ 08-27698-03 ⑬ 11 11 1 740 981 ① →09/98 08-27698-05 ⑬ 11 11 1 432 478 ① 10/98→ | 61-31940-00 11 12 1 726 617 85 Ø 1,75 mm ① →09/98 61-31940-10 11 12 1 726 620 85 Ø 2,05 mm ① →09/98 61-33070-00 11 12 7 501 304 85 Ø 0,7 mm MLS ① 10/98→ 61-33070-10 11 12 7 501 305 85 Ø 1 mm MLS ① 10/98→ | 14-32101-01 11 12 1 740 065 | |
| 2,8 M 52 B 28 | 142 kW (193 PS) 328 Ci (E46) 328 i (E46) | 02/98-06/00 | 02-33070-01 ⑫ 11 12 1 436 822 +11 12 7 501 304 +11 62 1 732 969 (2x) 08-27698-05 ⑬ 11 11 1 432 478 | 61-33070-00 11 12 7 501 304 85 Ø 0,7 mm MLS 61-33070-10 11 12 7 501 305 85 Ø 1 mm MLS | 14-32101-01 11 12 1 740 065 | |
| 2,8 M 52 B 28 M 52 B 28 TU | 142 kW (193 PS) 328 i (E36) | 01/95-10/99 | 02-31940-01 ⑫ 11 12 1 740 984 ① →09/95 02-31940-02 ⑫ 11 12 1 427 826 ① 10/95→ 08-27698-03 ⑬ 11 11 1 740 981 | 61-31940-00 11 12 1 726 617 85 Ø 1,75 mm 61-31940-10 11 12 1 726 620 85 Ø 2,05 mm | 14-32002-02 11 12 1 721 938 14-32101-01 11 12 1 740 065 | |

② Dichtung Steuergehäuse / gasket timing case / joint carter distribution / junta para cárter de dirección (distribución) / guarnizione carter distribuzione / прокладка корпуса распределительного механизма



| 71-22501-20 11 12 1 730 935 | 12-21025-02 11 34 1 256 556 (12x) 70-21025-00 11 34 1 256 556 12x | 71-24887-10 6x 11 61 1 730 788 | 71-23713-10 6x 11 62 1 723 851 71-22012-20 2x 18 11 1 723 843 | 71-22601-20 11 13 1 315 085 | 81-16004-10 K ← 11 14 1 715 100 42x62x12 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
|--|---|---|--|---|--|
| 15-31401-01 11 12 0 034 108 ① →09/98 15-33077-01 11 12 9 070 990 ① 10/98→ | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 11-33074-01 11 61 1 436 631 ① 10/98→ 71-31403-00 2x 11 61 1 740 069 ① →09/98 | 71-31404-00 2x 11 62 1 744 252 ① →09/98 71-34834-00 2x 11 62 1 732 969 ① 10/98→ 71-28913-10 2x 18 30 1 716 888 ① →09/98 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 15-33077-01 11 12 9 070 990 | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 11-33074-01 11 61 1 436 631 | 71-34834-00 2x 11 62 1 732 969 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 15-31036-01 11 12 0 034 107 ① →09/95 15-31401-01 11 12 0 034 108 ① 10/95→ | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 71-31403-00 2x 11 61 1 740 069 | 71-31404-00 2x 11 62 1 744 252 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |



| BMW | | | | | | | | | | | | |
|-------------------------------|----------------------------|--|-------------|--|--|--|--|---|--|--|--|--|
| 2,8 M 52 B 28 M 52 B 28 TU | 141-142 kW (192-193 PS) | Z3 (E36) 528 i (E39) 728 i,iL (E38) | 08/95-11/01 | 02-31940-02 ^⑫ 11 12 1 427 826 ① →09/98 02-33070-01 ^⑫ 11 12 1 436 822 +11 12 7 501 304 +11 62 1 732 969 (2x) ① 10/98→ 08-27698-03 ^⑬ 11 11 1 740 981 ① →09/98 08-27698-05 ^⑬ 11 11 1 432 478 ① 10/98→ | 61-31940-00 11 12 1 726 617 85 Ø 1,75 mm ① →09/98 61-31940-10 11 12 1 726 620 85 Ø 2,05 mm ① →09/98 61-33070-00 11 12 7 501 304 85 Ø 0,7 mm MLS ① 10/98→ 61-33070-10 11 12 7 501 305 85 Ø 1 mm MLS ① 10/98→ | 14-32002-02 ^{④⑧} 11 12 1 721 938 14-32101-01 ^{④⑦} 11 12 1 740 065 | 15-31401-01 11 12 0 034 108 ① →09/98 15-33077-01 11 12 9 070 990 ① 10/98→ | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 11-33074-01 11 61 1 436 631 ① 10/98→ 71-31403-00 2x 11 61 1 740 069 ① →09/98 71-31404-00 2x 11 62 1 744 252 ① →09/98 71-34834-00 2x 11 62 1 732 969 ① 10/98→ 71-28913-10 [△] 2x 18 30 1 716 888 ① →09/98 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM | |
| 3,0 M 30 B 30 | 135-145 kW (184-197 PS) | 530 i (E34) 630 CS (E24) 730 (E23) 730 i,iL (E32) | 04/76-09/94 | 02-27490-02 ^⑫ 11 12 9 059 237 08-27468-02 ^⑬ 11 00 9 058 775 15-22603-02 ^② 11 14 1 735 047 | 61-27490-10 11 12 0 144 (14x) 90 Ø 1,7 mm | 14-32000-02 11 12 0 621 144(14x) | 71-25221-30 11 12 1 730 231 | 12-25837-03 11 34 9 059 170 70-25837-00 11 34 1 273 501 12x | 71-24887-10 6x 11 61 1 730 788 | 71-27121-10 2x 11 62 1 723 656 | 71-27468-10 11 13 1 722 695 | 81-16004-10 K ← 11 14 1 715 100 42x62x12 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 3,0 M 54 B 30 M 54 B 30 S3 | 163-170 kW (222-231 PS) | X5 (E53) Z3 (E36) 330 Ci (E46) 330 i (E46) 330 xi (E46) 530 i (E39) | 05/00→ | 02-33070-02 ^⑫ 11 12 7 507 597 +11 12 7 501 304 +11 62 1 732 969 (2x) ① →09/02 02-33077-01 ^⑫ 11 12 7 507 597 ① →09/02 02-33070-03 ^⑫ 11 12 0 141 055 +11 12 7 501 304 +11 62 1 732 969 (2x) ① 10/02→ 08-27698-05 ^⑬ 11 11 1 432 478 | 61-33070-00 11 12 7 501 304 85 Ø 0,7 mm MLS 61-33070-10 11 12 7 501 305 85 Ø 1 mm MLS | 14-32101-01 11 12 1 740 065 | 15-33077-01 11 12 9 070 990 ① →09/02 15-33077-02 11 12 0 030 496 ① 10/02→ | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 11-33074-01 11 61 1 436 631 | 71-34834-00 2x 11 62 1 732 969 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 3,0 M 54 B 30 M 54 B 30 S3 | 170 kW (231 PS) | X3 (E83) Z4 (E85) 530 i (E60) 530 i (E61) 730 i,Li (E65,E66) | 02/03→ | 02-33070-03 ^⑫ 11 12 0 141 055 +11 12 7 501 304 +11 62 1 732 969 (2x) ① 10/02→ 08-27698-05 ^⑬ 11 11 1 432 478 | 61-33070-00 11 12 7 501 304 85 Ø 0,7 mm MLS 61-33070-10 11 12 7 501 305 85 Ø 1 mm MLS | 14-32101-01 11 12 1 740 065 | 15-33077-02 11 12 0 030 496 | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 11-33074-01 11 61 1 436 631 | 71-34834-00 2x 11 62 1 732 969 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |

⑫ Dichtung Steuerg h use / gasket timing case / joint carter distribution / junta para c rter de direcci n (distribuci n) / guarnizione carter distribuzione / прокладка корпуса распределительного механизма

④ f r Alugublock / for cast aluminium block / pour bloc aluminium / para bloque de aluminio / per blocco in alluminio / для блока из алюминиевого литья

④ f r Graugu-Block / for cast iron block / pour bloc fonte / para bloque de fundici n / per blocco in ghisa / для блока из серого чугуна



| BMW | | | | | | |
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| Ltr. | | | | | | |
| 3,0 M 54 N 30 D2 M 57 N 30 D2 M 57 N 30 D4 N 57 N 30 D2 | 150-160 kW (204-218 PS) X3 d (E83) X5 d (E53) 330 Cd (E46) 330 d (E46) 330 xd (E46) 530 d (E60) 530 d (E61) | 03/03→ | 02-35176-02 ⑫ 11 12 0 150 670 08-37313-02 ⑬ 11 11 0 150 669 | 61-36620-00 11 12 7 788 587 1,45 mm 1 MLS 61-36620-10 11 12 7 788 588 1,55 mm 2 MLS 61-36620-20 11 12 7 788 589 1,65 mm 3 MLS | 14-32004-01 11 12 9 067 790 | |
| 3,0 M 57 D 30 M 57 N 30 D1 | 135-142 kW (184-193 PS) X5 (E53) 330 d (E46) 330 xd (E46) 530 d (E39) 730 d (E38) | 08/98→ | 02-35176-01 ⑫ 11 12 2 248 985 08-37313-01 ⑬ 11 11 2 248 975 | 61-35000-00 11 12 2 248 982 84,5 ∅ 1,45 mm 1 MLS 61-35000-10 11 12 2 248 983 84,5 ∅ 1,55 mm 2 MLS 61-35000-20 11 12 2 248 984 84,5 ∅ 1,65 mm 3 MLS | 14-32004-01 11 12 9 067 790 | |

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| 71-35176-00 11 12 2 247 447 | 12-35172-02 11 34 9 071 732 70-35172-00 11 34 2 247 171 24x | 71-33109-10 11 61 7 790 198 6x 71-77546-00 ⑩ 11 61 2 246 945 6x | 71-33027-00 11 62 7 796 480 3x | 71-37313-00 11 13 0 149 329 | 81-37002-00 K ← 55x68x8 AB RD PTFE 81-90032-00 K → 11 14 7 787 262 |
| 71-35176-00 11 12 2 247 447 | 12-35172-02 11 34 9 071 732 70-35172-00 11 34 2 247 171 24x | 71-33109-10 11 61 7 790 198 6x 71-77546-00 ⑩ 11 61 2 246 945 6x | 71-33027-00 11 62 7 796 480 3x | 71-37313-00 11 13 0 149 329 | 81-34158-00 K ← 11 14 2 249 534 55x68x8 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |

⑩ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiamento collettore aspirazione / прокладка, корпус впускного коллектора



| BMW | | | | | | | | | | | | | |
|--|----------------------------|--|------------|---|--|---|---|--|--|--|---|--|--|
| Ltr. | | | | | | | | | | | | | |
| 3,0 M 57 D 30 TU M 57 N 30 D3 M 57 TU2 D30 N 57 N 30 D2 | 150-200 kW (204-272 PS) | 330 d (E90) 330 xd (E90) 330 xd (E91) 530 d (E60) 530 d (E61) 530 xd (E60) 530 xd (E61) 730 Ld (E65,E66) | 07/03→ | 02-37402-02 11 12 7 798 533 08-37406-02 11 11 7 798 531 08-37408-01 11 11 0 413 924 | 61-37640-00 11 12 7 794 067 1,47 mm 1 MLS →02/06 61-37640-10 11 12 7 794 068 1,57 mm 2 MLS →02/06 61-37640-20 11 12 7 794 069 1,67 mm 3 MLS →02/06 61-37640-30 11 12 7 794 857 1,77 mm MLS →02/06 | 14-32311-01 11 12 7 798 532 | 71-37402-00 11 12 7 796 378 | 12-35172-02 11 34 9 071 732 | 71-33109-10 6x 11 61 7 790 198 | 71-37403-00 3x 11 62 7 798 177 | 71-37406-00 11 13 7 798 122 →02/06 | 81-37002-00 K ← 55x68x8 AB RD PTFE 81-90033-00 K → 11 14 7 794 168 | |
| 3,0 M 57 N 25 D3 (NEW) | 150-180 kW (204-245 PS) | X3 (E83) X5 (E70) X6 (E71) X6 (E71, E72) 325 d (E91) 325 d ((E92) 330 d (E90) 330 d (E91) 330 d (E92) 330 d (E93) 330 xd (E91) 330 xd (E92) 530 d (E60) 530 d (E61) | 02/07→ | 02-37402-02 11 12 7 798 533 08-37408-01 11 11 0 413 924 | 61-37645-00 11 12 7 801 698 1,47 mm 1 MLS 03/06→ 61-37645-10 11 12 7 801 699 1,57 mm 2 MLS 03/06→ 61-37645-20 11 12 7 801 700 1,67 mm 3 MLS 03/06→ 61-37645-30 11 12 7 801 701 1,77 mm MLS 03/06→ | 14-32311-01 11 12 7 798 532 | 71-37402-00 11 12 7 796 378 | 12-35172-02 11 34 9 071 732 70-35172-00 24x 11 34 2 247 171 | 40-77535-00 11 61 2 245 439 | 71-33109-10 6x 11 61 7 790 198 | 71-37403-00 3x 11 62 7 798 177 | 71-37408-00 11 13 7 802 669 | 81-37002-00 K ← 55x68x8 AB RD PTFE 81-90033-00 K → 11 14 7 794 168 |



| BMW | | | | | | |
|----------------------------------|----------------------------|--|--------|--|---|---|
| 3,0 M 57 N 30 D2 | 160 kW (218 PS) | X3 3.0 d (E83) 730 d (E65,E66) | 10/02→ | 02-35176-02 ¹² 11 12 0 150 670 08-37313-02 ¹³ 11 11 0 150 669 →09/04 08-37406-01 ¹³ 11 11 0 398 704 →10/04→ | 61-36620-00 11 12 7 788 587 1,45 mm 1 MLS 61-36620-10 11 12 7 788 588 1,55 mm 2 MLS 61-36620-20 11 12 7 788 589 1,65 mm 3 MLS | 14-32004-01 11 12 9 067 790 |
| 3,0 M 57 N 30 D3 M 57 TU2 D30 | 145-173 kW (197-235 PS) | X5 (E70) 325 d (E90) 325 d (E91) 325 d (E92) 325 d (E93) 330 d (E92) 330 d (E93) 330 xd (E92) 525 d (E60) 525 d (E61) 525 xd (E60) 525 xd (E61) 530 d (E60) 530 d (E61) 530 xd (E60) 530 xd (E61) | 09/06→ | 02-37402-02 ¹² 11 12 7 798 533 08-37408-01 ¹³ 11 11 0 413 924 | 61-37645-00 11 12 7 801 698 1,47 mm 1 MLS 61-37645-10 11 12 7 801 699 1,57 mm 2 MLS 61-37645-20 11 12 7 801 700 1,67 mm 3 MLS 61-37645-30 11 12 7 801 701 1,77 mm MLS | 14-32311-01 11 12 7 798 532 |
| 3,0 M 57 N 30 D4 | 200 kW (272 PS) | 535 d (E60) 535 d (E61) | 09/04→ | 02-37402-01 ¹² 11 12 0 393 750 08-37313-03 ¹³ 11 11 0 395 221 | 61-36620-00 11 12 7 788 587 1,45 mm 1 MLS 61-36620-10 11 12 7 788 588 1,55 mm 2 MLS 61-36620-20 11 12 7 788 589 1,65 mm 3 MLS | 14-32004-01 11 12 9 067 790 |

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|---|---|--|--|---|--|
| 71-35176-00 11 12 2 247 447 | 12-35172-02 11 34 9 071 732 70-35172-00 11 34 2 247 171 24x | 71-33109-10 11 61 7 790 198 6x | 71-33027-00 11 62 7 796 480 3x | 71-37313-00 11 13 0 149 329 →09/04 71-37406-00 11 13 7 798 122 →10/04→ | 81-37002-00 K ← 55x68x8 AB RD PTFE 81-90032-00 K → 11 14 7 787 262 |
| 71-37402-00 11 12 7 796 378 | 12-35172-02 11 34 9 071 732 | 71-33109-10 11 61 7 790 198 6x | 71-37403-00 11 62 7 798 177 3x | 71-37408-00 11 13 7 802 669 | 81-37002-00 K ← 55x68x8 AB RD PTFE 81-90033-00 K → 11 14 7 794 168 |
| 71-37402-00 11 12 7 796 378 | 12-35172-02 11 34 9 071 732 70-35172-00 11 34 2 247 171 24x | 71-33109-10 11 61 7 790 198 6x 71-77546-00 ¹⁰ 11 61 2 246 945 6x | 71-37324-00 11 62 7 795 091 71-37327-00 11 65 7 794 493 3x | 71-37313-00 11 13 0 149 329 | 81-37002-00 K ← 55x68x8 AB RD PTFE 81-90032-00 K → 11 14 7 787 262 |

⑩ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiamento collettore aspirazione / прокладка, корпус впускного коллектора



| BMW | | | | | | |
|---------------------------------|--|-------------|---|---|---|----|
| Ltr. | | | | | | |
| 3,0 M 57 N 30 D5 M 57 306 D5 | 210 kW (286 PS) X3 d (E83) X5 (E70) 335 d (E90) 335 d (E91) 335 d (E92) 535 d (E60) 535 d (E61) 635 d (E64) | 09/06→ | 02-37402-03 ⑫ 11 12 0 421 276 08-37408-01 ⑬ 11 11 0 413 924 | 61-37645-00 11 12 7 801 698 1,47 mm 1 MLS 61-37645-10 11 12 7 801 699 1,57 mm 2 MLS 61-37645-20 11 12 7 801 700 1,67 mm 3 MLS 61-37645-30 11 12 7 801 701 1,77 mm MLS | 14-32311-01 11 12 7 998 532 | |
| 3,0 M 60 B 30 | 155-160 kW (211-218 PS) 530 i V8 (E34) 730 i, iL (E32) 730 i, iL (E38) | 04/92-11/01 | 02-31821-01 ⑫ 11 12 1 736 906 08-31828-01 ⑬ 11 11 9 070 240 | 61-31895-00 11 12 1 736 345 85 Ø 1,77 mm Zyl. 1-4 61-31900-00 11 12 1 736 346 85 Ø 1,77 mm Zyl. 5-8 | 14-32005-01 11 12 1 729 246 | 2x |
| 3,0 N 51 B 30 A | 172 kW (234 PS) | | 02-37159-01 ⑫ 11 12 7 571 963 +11 34 0 034 068 +11 34 0 035 853 08-38669-01 ⑬ 11 11 7 548 101 | 61-36120-00 11 12 7 555 757 85,8 Ø 1,2 mm MLS 61-36120-10 11 12 7 555 758 85,8 Ø 1,5 mm MLS | 14-32315-01 11 12 7 548 799 | |
| 3,0 N 52 B 30 N 52 B 30 A | 187-195 kW (254-265 PS) Z4 (E85) Z4 (E86) 130 i (E87) 330 i (E90) 330 xi (E90) 330 xi (E91) 530 i (E60) 530 i (E61) 530 xi (E60) 530 xi (E61) 630 i (E63) 630 i (E64) 730 i, Li (E65, E66) | 09/04→ | 02-37289-01 ⑫ 11 12 7 548 921 +11 34 0 034 068 +11 34 0 035 853 +11 34 0 032 582 02-37289-02 11 12 7 548 921 08-38669-01 ⑬ 11 11 7 548 101 | 61-36120-00 11 12 7 555 757 85,8 Ø 1,2 mm MLS 61-36120-10 11 12 7 555 758 85,8 Ø 1,5 mm MLS | 14-32315-01 11 12 7 548 799 | |

⑫ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiamento collettore aspirazione / прокладка, корпус впускного коллектора

⑬ Dichtung Ölsumpf / oil pan gasket / joint de carter d'huile / junta carter / guarnizione coppa dell'olio / прокладка поддона картера

AS Auslaßseite / exhaust side / côté échappement / lado de escape / lato scarico / сторона выпуска



| | | | | | | |
|---|---|--|---|---|---|--|
| | | | | | | |
| 71-37402-00 11 12 7 796 378 | 12-35172-02 11 34 9 071 732 | 71-33109-10 6x 11 61 7 790 198 71-77546-00 ⑩ 6x 11 61 2 246 945 | 71-39388-00 3x 11 62 7 799 728 | 71-37408-00 11 13 7 802 669 | 81-37002-00 K ← 55x68x8 AB RD PTFE 81-90033-00 K → 11 14 7 794 168 | |
| 15-31821-01 R 11 12 9 069 871 Zyl. 5 - 8 | 12-31306-12 2x 11 34 9 063 193 70-31306-00 32x 11 34 2 245 151 | 71-31853-00 4x 11 61 1 433 328 71-31826-00 ⑩ V 11 61 1 729 727 71-31827-00 ⑩ H 11 61 1 729 728 | 71-31834-10 3x 11 62 7 505 789 71-31836-10 11 62 7 509 677 71-31833-00 4x 18 30 1 728 734 | 71-31828-00 11 13 1 742 109 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-27373-00 K → 11 14 1 713 730 100x125x13 A SL LD FPM | |
| 15-37159-01 11 12 7 582 245 | 12-36866-01 ES 12-37256-01 AS 11 34 0 035 853 | 11-37133-01 11 61 7 547 242 | 71-37134-00 6x 18 40 7 530 606 71-37136-00 2x 18 10 7 549 447 | 71-38669-00 11 13 1 742 109 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-40292-00 K → 11 11 7 587 168 90x110x8 A LD FPM | |
| 15-37289-01 11 12 7 581 215 | 12-36866-02 11 34 0 032 582 ① →03/06 12-36866-01 ES 11 34 0 034 068 ① 04/06→ 12-37256-01 AS 11 34 0 035 853 ① 04/06→ | 11-37133-01 11 61 7 547 242 | 71-37134-00 6x 18 40 7 530 606 71-37136-00 2x 18 10 7 549 447 | 71-38669-00 11 13 1 742 109 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-37122-00 K → 11 11 7 584 398 90x110x12 A SL LD | |

ES Einlaßseite / intake side / côté admission / lado de admisión / lato aspirazione / сторона впуска

H hinten / rear / arrière / posterior / posteriore / сзади

V vorne / front / avant / delante / anteriore / спереди



| BMW | | | | | | |
|------------------------------|----------------------------|--|--------|---|--|---|
| 3,0 N 52 B 30 N 52 B 30 A | 190-200 kW (258-272 PS) | X3 (E83) X3 (F25) X5 (E70) Z4 (E86) 330 i (E90) 330 i (E91) 330 i (E92) 330 i (E93) 330 xi (E92) 528 i (F10) 528 i (F11) 530 i (E60) 530 i (E61) 530 xi (E60) 630 i (E63) 630 i (E64) | 03/06→ | 02-37289-01 ⑫ 11 12 7 548 921 +11 34 0 034 068 +11 34 0 035 853 +11 34 0 032 582 02-37289-02 11 12 7 548 921 08-38669-01 ⑬ 11 11 7 548 101 | 61-36120-00 11 12 7 555 757 85,8 Ø 1,2 mm MLS 61-36120-10 11 12 7 555 758 85,8 Ø 1,5 mm MLS | 14-32315-01 11 12 7 548 799 |
| 3,0 N 52 B 30 A | 160 kW (218 PS) | 125 i (E88) | 03/08→ | 02-37159-01 ⑫ 11 12 7 571 963 +11 34 0 034 068 +11 34 0 035 853 08-38669-01 ⑬ 11 11 7 548 101 | 61-36120-00 11 12 7 555 757 85,8 Ø 1,2 mm MLS 61-36120-10 11 12 7 555 758 85,8 Ø 1,5 mm MLS | 14-32315-01 11 12 7 548 799 |
| 3,0 N 52 B 30 A | 160-190 kW (218-258 PS) | X1 (E84) Z4 (E89) | 05/09→ | 02-37159-01 ⑫ 11 12 7 571 963 +11 34 0 034 068 +11 34 0 035 853 08-38669-01 ⑬ 11 11 7 548 101 | 61-36120-00 11 12 7 555 757 85,8 Ø 1,2 mm MLS 61-36120-10 11 12 7 555 758 85,8 Ø 1,5 mm MLS | 14-32315-01 11 12 7 548 799 |
| 3,0 N 52 B 30 A | 190 kW (258 PS) | X1 (E84) | 10/09→ | 02-37159-01 ⑫ 11 12 7 571 963 +11 34 0 034 068 +11 34 0 035 853 08-38669-01 ⑬ 11 11 7 548 101 | 61-36120-00 11 12 7 555 757 85,8 Ø 1,2 mm MLS 61-36120-10 11 12 7 555 758 85,8 Ø 1,5 mm MLS | 14-32315-01 11 12 7 548 799 |
















AS Auslaßseite / exhaust side / côté échappement / lado de escape / lato scarico / сторона выпуска



| 15-37289-01 11 12 7 581 215 | 12-36866-01 ES 11 34 0 034 068 12-37256-01 AS 11 34 0 035 853 | 11-37133-01 11 61 7 547 242 | 71-37134-00 18 40 7 530 606 6x 71-37136-00 ⚠ 2x 18 10 7 549 447 | 71-38669-00 11 13 7 548 031 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-37122-00 K → 11 11 7 584 398 90x110x12 A SL LD ① →01/09 81-40292-00 K → 11 11 7 587 168 90x110x8 A LD FPM ② 02/09→ |
|---|--|---|---|---|---|
| 15-37159-01 11 12 7 582 245 | 12-36866-01 ES 11 34 0 034 068 12-37256-01 AS 11 34 0 035 853 | 11-37133-01 11 61 7 547 242 | 71-37134-00 18 40 7 530 606 6x 71-37136-00 ⚠ 2x 18 10 7 549 447 | 71-38669-00 11 13 7 548 031 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-37122-00 K → 11 11 7 584 398 90x110x12 A SL LD ① →01/09 81-40292-00 K → 11 11 7 587 168 90x110x8 A LD FPM ② 02/09→ |
| 15-37159-01 11 12 7 582 245 | 12-36866-01 ES 11 34 0 034 068 12-37256-01 AS 11 34 0 035 853 | 11-37133-01 11 61 7 547 242 | 71-37134-00 18 40 7 530 606 6x 71-37136-00 ⚠ 2x 18 10 7 549 447 | 71-38669-00 11 13 7 548 031 | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-40292-00 K → 11 11 7 587 168 90x110x8 A LD FPM |







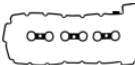








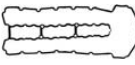
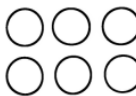






ES Einlaßseite / intake side / côté admission / lado de admisión / lato aspirazione / сторона впуска



| BMW | | |  |  |  |
|--------------------------------|---|--------|---|---|--|
| 3,0 N 52 B 30 A | 190 kW (258 PS) 730 i (F01, F02) | 06/08→ | 02-37159-01 ¹² 11 12 7 571 963 +11 34 0 034 068 +11 34 0 035 853  | 61-36120-00 11 12 7 555 757 85,8 ∅ 1,2 mm MLS 61-36120-10 11 12 7 555 758 85,8 ∅ 1,5 mm MLS  | 14-32315-01 11 12 7 548 799  |
| 3,0 N 52 N 30 A N 52 N 30 B | 187-190 kW (254-258 PS) 328 i (E90) 328 i (E92) 330 i (E93) | 07/05→ | 02-37159-01 ¹² 11 12 7 571 963 +11 34 0 034 068 +11 34 0 035 853  08-38669-01 ¹³ 11 11 7 548 101 | 61-36120-00 11 12 7 555 757 85,8 ∅ 1,2 mm MLS 61-36120-10 11 12 7 555 758 85,8 ∅ 1,5 mm MLS  | 14-32315-01 11 12 7 548 799  |
| 3,0 N 53 B 30 N 53 B 30 A | 160-200 kW (218-272 PS) 125 i (E82) 325 i (E90) 325 i (E91) 325 i (E92) 325 i (E93) 325 xi (E90) 325 xi (E91) 325 xi (E92) 330 i (E90) 330 i (E92) 330 i (E93) 330 i (E90) 330 xi (E91) 525 i (E60) 525 i (E61) 525 xi (E60) 525 xi (E61) 530 i (E60) 530 i (E61) 530 xi (E60) 530 xi (E61) | 09/06→ | 02-39286-01 ¹² 11 12 7 561 438  08-38669-01 ¹³ 11 11 7 548 101 | 61-36120-00 11 12 7 555 757 85,8 ∅ 1,2 mm MLS 61-36120-10 11 12 7 555 758 85,8 ∅ 1,5 mm MLS  | 14-32315-01 11 12 7 548 799  |
| 3,0 N 54 B 30 A N 54 B 30 B | 220-240 kW (299-326 PS) X6 (E71) 135 i (E82) 135 i (E88) 335 i (E90) 335 i (E91) 335 i (E92) 335 i (E93) 335 xi (E90) 335 xi (E91) 335 xi (E92) 740 i (F01, F02) | 09/06→ | 02-39366-01 11 12 7 572 758  08-38669-02 ¹³ 11 11 7 567 210 | 61-37650-00 11 12 7 557 265 1,22 mm MLS 61-37650-10 11 12 7 557 266 1,52 mm MLS  | 14-32309-01 11 12 7 574 303  |











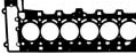






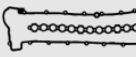



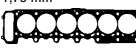
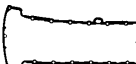



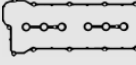


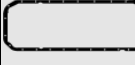




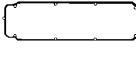



AS Auslaßseite / exhaust side / côté échappement / lado de escape / lato scarico / сторона выпуска



|  |  |  |  |  |  |
|--|--|--|--|---|--|
| 15-37159-01 11 12 7 582 245  | 12-36866-01 ES 11 34 0 034 068 12-37256-01 AS 11 34 0 035 853 | 11-37133-01 11 61 7 547 242  | 71-37134-00 18 40 7 530 606 6x  71-37136-00 ¹⁴ 18 10 7 549 447 2x  | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-40292-00 K → 11 11 7 587 168 90x110x8 A LD FPM | |
| 15-37159-01 11 12 7 582 245  | 12-36866-01 ES 11 34 0 034 068 12-37256-01 AS 11 34 0 035 853 | 11-37133-01 11 61 7 547 242  | 71-37134-00 18 40 7 530 606 6x  71-37136-00 ¹⁴ 18 10 7 549 447 2x  | 71-38669-00 11 13 7 548 031  | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-37122-00 K → 11 11 7 584 398 90x110x12 A SL LD |
| 71-39286-00 11 12 7 544 368  | 12-36866-01 ES 11 34 0 034 068 12-37256-01 AS 11 34 0 035 853 | 11-37133-01 11 61 7 547 242  | 71-37134-00 18 40 7 530 606 6x  71-37136-00 ¹⁴ 18 10 7 549 447 2x  | 71-38669-00 11 13 7 548 031  | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-37122-00 K → 11 11 7 584 398 90x110x12 A SL LD |
| 71-39366-00 11 12 7 565 286  | 12-36866-01 ES 11 34 0 034 068 12-37256-01 AS 11 34 0 035 853 | 11-37133-01 11 61 7 547 242  | 71-38669-00 11 13 7 548 031  | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-37122-00 K → 11 11 7 584 398 90x110x12 A SL LD 11 →01/09 81-40292-00 K → 11 11 7 587 168 90x110x8 A LD FPM 11 02/09→ | |

ES Einlaßseite / intake side / côté admission / lado de admisión / lato aspirazione / сторона впуска



| BMW | | | |  |  |  |  |  |  |  |  |  | |
|----------------------------------|-------------------------|---|-------------|---|---|---|--|---|---|---|--|--|---|
| 3,0 N 54 B 30 A | 225-250 kW (306-340 PS) | M 130 i (E82) Z4 (E89) | 05/09→ | 02-39366-01 11 12 7 572 758  08-38669-02 ¹³ 11 11 7 567 210 | 61-37650-00 11 12 7 557 265 1,22 mm MLS 61-37650-10 11 12 7 557 266 1,52 mm MLS  | 14-32309-01 11 12 7 574 303  | 71-39366-00 11 12 7 565 286 | 12-36866-01 ES 11 34 0 034 068 12-37256-01 AS 11 34 0 035 853 | 11-37133-01 11 61 7 547 242  | 71-38669-00 11 13 7 548 031  | 81-34057-00 K ← 11 11 7 547 842 65x79x20 A SL RD PTFE ACM 81-40292-00 K → 11 11 7 587 168 90x110x8 A LD FPM | | |
| 3,0 N 57 N 30 D3 N 57 N 30 D5 | 145-210 kW (197-286 PS) | X6 (E71) 325 d (E92) 325 d (E93) 330 d (E93) 525 d (E61) 635 d (E63) | 03/07→ | 02-37402-01 ¹² 11 12 0 393 750  08-37408-01 ¹³ 11 11 0 413 924 | 61-37645-00 11 12 7 801 698 1,47 mm MLS 61-37645-10 11 12 7 801 699 1,57 mm MLS 61-37645-20 11 12 7 801 700 1,67 mm MLS 61-37645-30 11 12 7 801 701 1,77 mm MLS  | 14-32311-01 11 12 7 798 532  | 71-37402-00 11 12 7 796 378  | 12-35172-02 11 34 9 071 732 | 71-33109-10 6x 11 61 7 790 198  | 71-37403-00 3x 11 62 7 798 177  | 71-37408-00 11 13 7 802 669 | 81-37002-00 K ← 55x68x8 AB RD PTFE 81-90033-00 K →  11 14 7 794 168 | |
| 3,0 S 50 B 30 | 210-217 kW (286-295 PS) | M3 (E36) | 10/92-10/95 | 02-34090-02 ¹² 11 12 1 402 384 | 61-34090-00 11 12 1 405 748 87 Ø 1,75 mm  | | 71-33828-00 11 12 1 404 358  | 12-26058-01 2x 11 34 9 059 172 70-26058-00 24x 11 34 1 288 544 | | 71-34147-00 6x 11 62 1 317 109  | 71-27698-10 6x 11 13 1 437 237  | 81-17404-10 K ← 11 14 2 249 532 48x65x10 AB SL RD 81-20745-50 K → 90x110x12 AB SL LD PTFE ACM | |
| 3,0 S 50 B 30 USA | 176 kW (240 PS) | | 01/93-10/96 | 02-31380-02 ¹² 11 12 9 067 421 08-27698-06 ¹³ 11 11 1 402 381 | 61-31380-00 11 12 1 405 106 87 Ø 1,74 mm  | | 15-31036-01 11 12 0 034 107  | 12-31306-05 24x 11 34 9 064 457 70-31306-00 11 34 2 245 151 | | 71-28917-00 6x 11 61 1 717 259  | 71-28494-00 3x 11 62 1 728 983  | 71-27698-10 6x 11 13 1 437 237  | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-50 K → 90x110x12 AB SL LD PTFE ACM |
| 3,2 M 30 B 32 | 145 kW (197 PS) | 633 CSI (E24) | 09/78-08/84 | 02-24200-17 ¹² 11 12 9 065 713  →09/80 02-24200-18 ¹² 11 12 9 065 714  10/80→ 08-22601-02 ¹³ 11 00 1 267 942 15-22603-02 ² 11 14 1 735 047 | 61-24200-50 11 12 9 065 638 90 Ø 1,75 mm  | 14-32000-02 11 12 0 621 144(14x)  | 71-25221-30 11 12 1 730 231  | 12-25837-03 12x 11 34 9 059 170 70-25837-00 11 34 1 273 501 | | 71-24887-10 6x 11 61 1 730 788  | 71-23713-10 6x 11 62 1 723 851  | 71-22601-20 6x 11 13 1 315 085  | 81-16004-10 K ← 11 14 1 715 100 42x62x12 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |

② Dichtung Steuergehäuse / gasket timing case / joint carter distribution / junta para cárter de dirección (distribucion) / guarnizione carter distribuzione / прокладка корпуса распределительного механизма
 AS Auslaßseite / exhaust side / côté échappement / lado de escape / lato scarico / сторона выпуска

ES Einlaßseite / intake side / côté admission / lado de admisión / lato aspirazione / сторона впуска



| BMW | | | | | | | | | | | |
|---|---|-------------|---|--|--|---|---|--|--|---|---|
| 3,2 M 30 B 32 | 145 kW (197 PS) 732 i/733 i (E23) | 05/77-09/79 | 02-24200-17 ⑫ 11 12 9 065 713 08-22601-02 ⑬ 11 00 1 267 942 15-22603-02 ② 11 14 1 735 047 | 61-24200-50 11 12 9 065 638 90 Ø 1,75 mm | 14-32000-02 11 12 0 621 144(14x) | 71-25221-30 11 12 1 730 231 | 12-25837-03 11 34 9 059 170 70-25837-00 11 34 1 273 501 12x | 71-24887-10 6x 11 61 1 730 788 | 71-23713-10 6x 11 62 1 723 851 71-22012-20 ① 2x 18 11 1 723 843 | 71-22601-20 11 13 1 315 085 | 81-16004-10 K ← 11 14 1 715 100 42x62x12 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 3,2 M 30 B 32 L-Jetronic | 152 kW (206 PS) 2000 3.2 CSL (E9) | 01/74-12/75 | 02-24200-11 ⑫ 11 12 9 065 705 08-22601-02 ⑬ 11 00 1 267 942 15-22603-02 ② 11 14 1 735 047 | 61-24200-50 11 12 9 065 638 90 Ø 1,75 mm | 14-32000-02 11 12 0 621 144(14x) | 71-22501-20 11 12 1 730 935 | 12-21025-02 11 34 1 256 556 (12x) 70-21025-00 11 34 1 256 556 12x | 71-24887-10 6x 11 61 1 730 788 | 71-23713-10 6x 11 62 1 723 851 71-22012-20 ① 2x 18 11 1 723 843 | 71-22601-20 11 13 1 315 085 | 81-16004-10 K ← 11 14 1 715 100 42x62x12 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 3,2 S 50 B 32 S50 B 26 S4 | 236-252 kW (321-343 PS) M3 (E36) Z3 (E36) | 09/95-06/03 | 02-34090-01 ⑫ 11 12 1 405 282 08-27698-06 ⑬ 11 11 1 402 381 | 61-34090-00 11 12 1 405 748 87 Ø 1,75 mm | | 71-33828-00 11 12 1 404 358 | 12-31306-05 11 34 9 064 457 70-31306-00 11 34 2 245 151 24x | 71-34147-00 6x 11 62 1 317 109 | 71-27698-10 11 13 1 437 237 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-50 K → 90x110x12 AB SL LD PTFE ACM | |
| 3,2 S 54 B 32 S 54 N 32 S4 S 54 3 26 S4 | 239-265 kW (325-360 PS) M3 CSL (E46) M3 (E46) M3 3.2 (E46) Z3 (E36) Z4 (E85) Z4 (E86) | 06/00→ | 02-36320-01 ⑫ 11 12 7 831 920 +11 12 7 835 918 08-27698-08 ⑬ 11 11 0 302 722 | 61-36320-00 11 12 7 835 918 0,64 mm MLS | 14-32312-01 11 12 7 831 862 | 15-36508-01 11 12 7 832 034 +(6x) 11 12 7 831 271 71-36508-00 11 12 7 832 034 | 12-31306-08 2x 11 34 9 064 457 | 71-37349-00 6x 11 62 7 830 667 | 71-27698-10 11 13 1 437 237 | 81-17404-10 K ← 11 14 2 249 532 48x65x10 AB SL RD 81-20745-50 K → 90x110x12 AB SL LD PTFE ACM | |
| 3,3 M 30 B 33 INAT | 140 kW (190 PS) 3.3 L (E3) | 01/74-09/76 | 02-24200-11 ⑫ 11 12 9 065 705 08-22601-02 ⑬ 11 00 1 267 942 15-22603-02 ② 11 14 1 735 047 | 61-24200-50 11 12 9 065 638 90 Ø 1,75 mm | 14-32000-02 11 12 0 621 144(14x) | 71-22501-20 11 12 1 730 935 | 12-21025-02 11 34 1 256 556 (12x) 70-21025-00 11 34 1 256 556 12x | 71-24887-10 6x 11 61 1 730 788 | 71-23713-10 6x 11 62 1 723 851 71-22012-20 ① 2x 18 11 1 723 843 | 71-22601-20 11 13 1 315 085 | 81-16004-10 K ← 11 14 1 715 100 42x62x12 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 3,4 M 30 B 35 | 136-185 kW (185-252 PS) M 535 i (E28) 535 i (E34) 635 CSI (E24) 735 i, iL (E32) 745 i (E32) | 05/83-09/95 | 02-24200-11 ⑫ 11 12 9 065 705 08-22601-02 ⑬ 11 00 1 267 942 15-22603-02 ② 11 14 1 735 047 | 61-27340-10 11 12 1 730 223 93,5 Ø 1,73 mm | 14-32000-02 11 12 0 621 144(14x) | 71-25221-30 11 12 1 730 231 | 12-25837-03 11 34 9 059 170 70-25837-00 11 34 1 273 501 12x | 71-24887-10 6x 11 61 1 730 788 | 71-27121-10 2x 11 62 1 723 656 | 71-22601-20 11 13 1 315 085 | 81-16004-10 K ← 11 14 1 715 100 42x62x12 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |

② Dichtung Steuerg h use / gasket timing case / joint carter distribution / junta para c rter de direcci n (distribuci n) / guarnizione carter distribuzione / прокладка корпуса распределительного механизма



| BMW | | | | | | |
|--|---|-------------|--|---|--|--|
| Ltr. | | | | | | |
| 3,4 M 30 B 35 L-Jetronic,10:1 M 30 B 35 Motronic,9.3:1 | 160 kW (218 PS) 635 CSI (E24) | 06/78-08/88 | 02-25220-03 ⑫ 11 12 9 059 247 ① →09/80 02-25220-04 ⑫ 11 12 1 730 933 ① 09/80-05/82 02-27340-04 ⑫ 11 12 1 730 780 ① 05/82-08/86 02-27340-05 ⑫ 11 12 9 059 238 ① 08/86→ 08-22601-02 ⑬ 11 00 1 267 942 15-22603-02 ② 11 14 1 735 047 | 61-25220-20 11 12 1 730 951 94,5 ∅ 1,9 mm ① →05/82 61-27340-10 11 12 1 730 223 93,5 ∅ 1,73 mm ① 05/82→ | 14-32000-02 11 12 0 621 144(14x) | |
| 3,4 M 30 B 35 Motronic M 30 B 35 Motronic,10:1 M 30 B 35 Motronic,8:1,Kat. | 136-160 kW (185-218 PS) 635 i (E28) 635 CSI (E24) 735 i (E23) | 06/78-10/89 | 02-27340-04 ⑫ 11 12 1 730 780 08-22601-02 ⑬ 11 00 1 267 942 15-22603-02 ② 11 14 1 735 047 | 61-27340-10 11 12 1 730 223 93,5 ∅ 1,73 mm | 14-32000-02 11 12 0 621 144(14x) | |
| 3,4 M 30 B 35 Motronic,9:1,Kat. M 30 B 35 Motronic,9.2:1 | 155-162 kW (211-220 PS) 735 i,iL (E32) | 09/86→ | 02-27340-05 ⑫ 11 12 9 059 238 08-27468-02 ⑬ 11 00 9 058 775 15-22603-02 ② 11 14 1 735 047 | 61-27340-10 11 12 1 730 223 93,5 ∅ 1,73 mm | 14-32000-02 11 12 0 621 144(14x) | |
| 3,4 M 30 B 35 Motronic,9.3:1 | 160 kW (218 PS) M 535 i (E12) | 06/80-08/81 | 02-25220-03 ⑫ 11 12 9 059 247 ① →09/80 02-25220-04 ⑫ 11 12 1 730 933 ① 09/80→ 08-22601-02 ⑬ 11 00 1 267 942 15-22603-02 ② 11 14 1 735 047 | 61-25220-20 11 12 1 730 951 94,5 ∅ 1,9 mm | 14-32000-02 11 12 0 621 144(14x) | |

② Dichtung Steuergehäuse / gasket timing case / joint carter distribution / junta para cárter de dirección (distribucion) / guarnizione carter distribuzione / прокладка корпуса распределительного механизма



| 71-22501-20 11 12 1 730 935 ① →09/80 71-25221-30 11 12 1 730 231 ① 09/80→ | 12-25837-03 11 34 9 059 170 70-25837-00 11 34 1 273 501 12x | 71-24887-10 11 61 1 730 788 6x | 71-23713-10 11 62 1 723 851 ① →04/82 71-27121-10 11 62 1 730 656 ① 05/82→ 71-25833-00 △ 18 11 1 245 500 ① 10/80→ 71-27467-00 △ 11 76 1 711 717 | 71-22601-20 11 13 1 315 085 | 81-16004-10 K ← 11 14 1 715 100 42x62x12 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
|--|---|---|--|---|---|
| 71-25221-30 11 12 1 730 231 | 12-25837-03 11 34 9 059 170 70-25837-00 11 34 1 273 501 12x | 71-24887-10 11 61 1 730 788 6x | 71-23713-10 11 62 1 723 851 71-27467-00 △ 11 76 1 711 717 | 71-22601-20 11 13 1 315 085 | 81-16004-10 K ← 11 14 1 715 100 42x62x12 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 71-25221-30 11 12 1 730 231 | 12-25837-03 11 34 9 059 170 70-25837-00 11 34 1 273 501 12x | 71-27213-10 11 61 1 726 016 6x | 71-27121-10 11 62 1 723 656 2x 71-27468-10 11 13 1 722 695 | 71-22601-20 11 13 1 315 085 | 81-16004-10 K ← 11 14 1 715 100 42x62x12 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 71-22501-20 11 12 1 730 935 ① →09/80 71-25221-30 11 12 1 730 231 ① 09/80→ | 12-25837-03 11 34 9 059 170 70-25837-00 11 34 1 273 501 12x | 71-24887-10 11 61 1 730 788 6x | 71-23713-10 11 62 1 723 851 6x 71-25833-00 △ 18 11 1 245 500 ① 10/80→ 71-27467-00 △ 11 76 1 711 717 | 71-22601-20 11 13 1 315 085 | 81-16004-10 K ← 11 14 1 715 100 42x62x12 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |



| BMW | | | | | | | |
|-----|---------------------------|-----------------|--------------------------------|-------------|---|--|--|
| 3,4 | M 30 B 35 Motronic, 9.3:1 | 160 kW (218 PS) | 735 i (E23) | 09/79-08/86 | 02-25220-03 ¹² 11 12 9 059 247 1 →09/80 02-25220-04 ¹² 11 12 1 730 933 1 →09/80-05/82 02-27340-04 ¹² 11 12 1 730 780 1 →05/82→ 08-22601-02 ¹³ 11 00 1 267 942 15-22603-02 ² 11 14 1 735 047 | 61-25220-20 11 12 1 730 951 94,5 Ø 1,9 mm 1 →05/82 61-27340-10 11 12 1 730 223 93,5 Ø 1,73 mm 1 →05/82→ | 14-32000-02 11 12 0 621 144(14x) |
| 3,4 | S 38 B 35 | 211 kW (286 PS) | M 635 CSI (E24) | 03/84-05/89 | 02-27200-02 ¹² 11 12 1 316 991 08-22601-02 ¹³ 11 00 1 267 942 15-22603-02 ² 11 14 1 735 047 | 61-27200-10 11 12 1 316 705 94,5 Ø 1,8 mm | |
| 3,5 | M 62 B 35 M 62 B 35 S1 | 173 kW (235 PS) | 535 i (E39) 735 i, iL (E38) | 01/96-11/01 | 02-31821-02 ¹² 11 12 9 069 055 08-31828-01 ¹³ 11 11 9 070 240 | 61-31360-00 L 11 12 1 433 463 85 Ø 1,74 mm MLS 61-31360-10 L 11 12 1 433 464 85 Ø 2,07 mm MLS 61-31365-00 R 11 12 1 433 467 85 Ø 1,74 mm MLS 61-31365-10 R 11 12 1 433 468 85 Ø 2,07 mm MLS | 14-32005-01 11 12 1 729 246 2x |

² Dichtung Steuergewehäuse / gasket timing case / joint carter distribution / junta para cárter de dirección (distribucion) / guarnizione carter distribuzione / прокладка корпуса распределительного механизма
¹³ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiamento collettore aspirazione / прокладка, корпус впускного коллектора



| 71-22501-20 11 12 1 730 935 1 →09/80 71-25221-30 11 12 1 730 231 1 →09/80→ | 12-25837-03 11 34 9 059 170 70-25837-00 11 34 1 273 501 12x | 71-24887-10 11 61 1 730 788 6x | 71-23713-10 11 62 1 723 851 1 →04/82 6x 71-27121-10 11 62 1 730 656 1 →05/82→ 2x 71-25833-00 18 11 1 245 500 1 →10/80→ 71-27467-00 11 76 1 711 717 2x | 71-22601-20 11 13 1 315 085 | 81-16004-10 K ← 11 14 1 715 100 42x62x12 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM | | |
|--|---|---|--|--|---|--|--|
| 15-31124-01 11 12 1 317 689 +11 12 1 312 173 (3x) | 12-26058-01 11 34 9 059 172 70-26058-00 11 34 1 288 544 24x | 15-31821-01 R 11 12 9 069 871 Zyl. 5 - 8 15-31822-01 L 11 12 9 069 872 Zyl. 1 - 4 | 12-31306-12 11 34 9 063 193 70-31306-00 11 34 2 245 151 32x 71-31853-00 11 61 1 433 328 71-31826-00 ¹⁰ V 11 61 1 729 727 71-31827-00 ¹⁰ H 11 61 1 729 728 | 71-27182-10 11 62 1 312 961 6x 71-22601-20 11 13 1 315 085 | 81-16004-10 K ← 11 14 1 715 100 42x62x12 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM | | |
| 15-31821-01 R 11 12 9 069 871 Zyl. 5 - 8 15-31822-01 L 11 12 9 069 872 Zyl. 1 - 4 | 12-31306-12 11 34 9 063 193 70-31306-00 11 34 2 245 151 32x | 71-31853-00 11 61 1 433 328 71-31826-00 ¹⁰ V 11 61 1 729 727 71-31827-00 ¹⁰ H 11 61 1 729 728 | 71-31834-10 11 62 7 505 789 71-31836-10 11 62 7 509 677 3x | 71-31828-00 11 13 1 742 109 71-31837-00 ¹¹ 11 13 1 436 324 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-27373-00 K → 11 14 1 713 730 100x125x13 A SL LD FPM | | |

¹⁰ Dichtung Ölsumpf / oil pan gasket / joint de carter d'huile / junta carter / guarnizione coppa dell'olio / прокладка поддона картера
 H hinten / rear / arrière / posterior / posteriore / posteriore / сзади
 V vorne / front / avant / delante / anteriore / спереди



| BMW | | | | | | |
|----------------------------------|--|-------------|---|--|--|--|
| 3,5 M 62 B 35 S2 M 62 B 35 TU | 180 kW (245 PS) 535 i (E39) | 04/99-06/03 | 02-33396-01 ⑫ 11 12 0 004 553 08-31828-01 ⑬ 11 11 9 070 240 | 61-31360-00 L 11 12 1 433 463 85 Ø 1,74 mm MLS 61-31360-10 L 11 12 1 433 464 85 Ø 2,07 mm MLS 61-31365-00 R 11 12 1 433 467 85 Ø 1,74 mm MLS 61-31365-10 R 11 12 1 433 468 85 Ø 2,07 mm MLS | 14-32005-01 2x 11 12 1 729 246 | |
| 3,5 S 38 B 35 S 38 B 35 (Kat) | 191-211 kW (260-286 PS) M 635 CSI (E24) 535 i (E28) | 08/85-10/88 | 02-27200-02 ⑫ 11 12 1 316 991 08-22601-02 ⑬ 11 00 1 267 942 15-22603-02 ② 11 14 1 735 047 | 61-27200-10 11 12 1 316 705 94,5 Ø 1,8 mm | | |
| 3,6 N 62 B 36 | 200 kW (272 PS) 735 i, Li (E65, E66) | 11/01→ | 02-37331-01 ⑫ 11 12 7 518 017 08-34067-01 ⑬ ⑳ 11 11 7 551 866 | 61-33700-00 2x 11 12 7 514 378 0,75 mm MLS 61-33700-10 2x 11 12 7 514 379 1,05 mm MLS | 14-32308-01 2x 11 12 7 583 113 | |
| 3,6 S 38 B 36 S 38 B 36 (Kat) | 232 kW (315 PS) M5 (E34) | 10/88-05/92 | 02-27200-03 ⑫ 11 12 9 059 244 08-27468-03 ⑬ 11 11 1 315 106 | 61-27200-10 11 12 1 316 705 94,5 Ø 1,8 mm | | |

⑫ Dichtung Steuergehäuse / gasket timing case / joint carter distribution / junta para cárter de dirección (distribución) / guarnizione carter distribuzione / прокладка корпуса распределительного механизма
 ⑬ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiamento collettore aspirazione / прокладка, корпус впускного коллектора
 ⑰ Dichtung Ölwanne / oil pan gasket / joint de carter d'huile / junta carter / guarnizione coppa dell'olio / прокладка поддона картера



| 15-33396-01 R 11 12 9 071 589 Zyl. 5 - 8 | 12-31306-12 2x 11 34 9 063 193 70-31306-00 32x 11 34 2 245 151 | 71-31853-00 4x 11 61 1 433 328 71-31826-00 ⑩ V 11 61 1 729 727 71-31827-00 ⑩ H 11 61 1 729 728 | 71-31834-10 3x 11 62 7 505 789 71-31836-10 11 62 7 509 677 | 71-31828-00 11 13 1 742 109 71-31837-00 ⑪ 11 13 1 436 324 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-27373-00 K → 11 14 1 713 730 100x125x13 A SL LD FPM | | | | | |
|---|---|--|---|--|---|--|--|--|--|--|
| 15-31124-01 11 12 1 317 689 +11 12 1 312 173 (3x) | 12-26058-01 2x 11 34 9 059 172 70-26058-00 24x 11 34 1 288 544 | | 71-27182-10 6x 11 62 1 312 961 | 71-22601-20 11 13 1 315 085 | 81-16004-10 K ← 11 14 1 715 100 42x62x12 A SL RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM | | | | | |
| 15-37331-01 11 12 7 513 194 Zyl. 1 - 4 | 12-37281-01 2x 11 34 0 029 751 70-37281-00 32x 11 34 7 505 417 | 71-39428-00 2x 11 61 7 521 181 | 71-31834-10 3x 11 62 7 505 789 ⑩ →09/03 71-37337-00 11 62 7 505 788 ⑩ →09/03 71-31834-10 4x 11 62 7 505 789 ⑩ 10/03→ | 71-34067-00 11 13 7 506 774 71-34069-00 11 13 7 545 293 | 81-34062-00 K ← 11 14 7 512 100 45x75x12 RD FPM 81-90001-00 K → 11 14 7 512 101 100 LD PTFE | | | | | |
| 15-27162-01 71-27162-10 11 12 1 306 716 71-27163-10 3x 11 12 1 312 173 | 12-26058-01 2x 11 34 9 059 172 70-26058-00 24x 11 34 1 288 544 | 40-76766-20 6x 13 54 1 317 994 | 71-27182-10 6x 11 62 1 312 961 | 71-27468-10 11 13 1 722 695 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-20745-50 K → 90x110x12 AB SL LD PTFE ACM | | | | | |

⑩ enthält integr. Wedi / including integrated oil seal / comprend bague d'étanchéité intégr. / contiene retén integrado / contiene paraolio albero motore integrato / содержит встроенное уплотнение вала
 H hinten / rear / arrière / posterior / posteriore / сзади
 V vorne / front / avant / delante / anteriore / спереди



| BMW | | | | |
|-----------------|--|-------------|--|--|
| Ltr. | | | | |
| 3,8 S 38 B 38 | 250 kW (340 PS) M5 (E34) | 03/92-01/97 | 02-36310-01 ⑫ 11 12 1 401 352 08-27468-03 ⑬ 11 11 1 315 106 | 61-36310-00 11 12 1 401 351 95,5 Ø 1,82 mm |
| 4,0 M 60 B 40 | 210 kW (286 PS) 540 i (E34) 740 i, Li (E32) 740 i, Li (E38) 840 i (E31) | 04/92-11/01 | 02-31821-01 ⑫ 11 12 1 736 906 08-31828-01 ⑬ 11 11 9 070 240 | 61-31885-00 R 11 12 1 736 317 90 Ø Zyl. 1-4 61-31890-00 L 11 12 1 736 318 90 Ø Zyl. 5-8 14-32005-01 2x 11 12 1 729 246 |
| 4,0 N 62 B 40 A | 225 kW (306 PS) 540 i (E60) 735i (E65, E66) 740 i, Li (E65, E66) | 03/05-→ | 02-37331-02 ⑫ 11 12 7 551 822 08-34067-01 ⑬ ⑮ 11 11 7 551 866 | 61-35105-00 2x 11 12 7 531 863 0,75 mm MLS 61-35105-10 2x 11 12 7 531 861 1,05 mm MLS 14-32308-01 2x 11 12 7 583 113 |

⑫ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiam. collettore aspirazione / прокладка, корпус впускного коллектора

⑬ Dichtung Ölsumpf / oil pan gasket / joint de carter d'huile / junta carter / guarnizione coppa dell'olio / прокладка поддона картера



| | | | | | |
|--|---|--|--|--|---|
| | | | | | |
| 15-27162-01 | 12-26058-01 2x 11 34 9 069 172 70-26058-00 24x 11 34 1 288 544 | 40-76766-20 6x 13 54 1 317 994 | 71-27182-10 6x 11 62 1 312 961 | 71-27468-10 11 13 1 722 695 | 81-17400-00 K ← 48x65x10 A NBR 81-36496-00 K ← 11 14 1 312 007 44x62x10 SL RD RD FPM 81-20745-40 K → 11 14 2 245 364 90x110x12 A SL LD FPM |
| 15-31821-01 R 11 12 9 069 871 Zyl. 5 - 8 15-31822-01 L 11 12 9 069 872 Zyl. 1 - 4 | 12-31306-12 2x 11 34 9 063 193 70-31306-00 32x 11 34 2 245 151 | 71-31853-00 4x 11 61 1 433 328 71-31826-00 ⑩ V 11 61 1 729 727 71-31827-00 ⑩ H 11 61 1 729 728 | 71-31834-10 3x 11 62 7 505 789 71-31836-10 11 62 7 509 677 71-31833-00 ④ 18 30 1 728 734 | 71-31828-00 11 13 1 742 109 71-31837-00 ⑪ 11 13 1 436 324 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-27373-00 K → 11 14 1 713 730 100x125x13 A SL LD FPM |
| 15-37331-01 11 12 7 513 194 Zyl. 1 - 4 15-37332-01 11 12 7 513 195 Zyl. 5 - 8 | 12-37281-01 2x 11 34 0 029 751 70-37281-00 32x 11 34 7 505 417 | 71-39409-00 8x 11 61 7 537 999 | 71-31834-10 4x 11 62 7 505 789 | 71-34067-00 11 13 7 506 774 71-34069-00 11 13 7 545 293 | 81-34062-00 K ← 11 14 7 512 100 45x75x12 RD FPM 81-90001-00 K → 11 14 7 512 101 100 LD PTFE |

⑩ enthält integr. Wedi / including integrated oil seal / comprend bague d'étanchéité intégr. / contiene retén integrado / contiene paraolio albero motore integrato / содержит встроенное уплотнение вала
 H hinten / rear / arrière / posterior / posteriore / сзади
 V vorne / front / avant / delante / anteriore / спереди



| BMW | | | | | | | | | | | | | |
|---------------|-----------------|--------------------------------|-------------|--|--|--|--|---|--|---|--|---|--|
| Ltr. | | | | | | | | | | | | | |
| 4,4 M 62 B 44 | 210 kW (286 PS) | 540 i (E39) 740 i, iL (E38) | 01/96-05/04 | 02-31821-02 ⑫ 11 12 9 069 055 →08/98 02-33396-01 ⑫ 11 12 0 004 553 →09/98→ 08-31828-01 ⑬ 11 11 9 070 240 | 61-35320-00 L 11 12 1 741 468 93 Ø 1,65 mm Zyl. 1 - 4 →09/97 61-35325-00 R 11 12 1 741 470 93 Ø 1,65 mm Zyl. 5 - 8 →09/97 61-31370-00 L 11 12 1 433 473 93 Ø 1,74 mm MLS Zyl. 1 - 4 →10/97→ 61-31370-10 L 11 12 1 433 474 93 Ø 2,07 mm MLS Zyl. 1 - 4 →10/97→ 61-31375-00 R 11 12 1 433 477 93 Ø 1,74 mm MLS Zyl. 5 - 8 →10/97→ 61-31375-10 R 11 12 1 433 478 93 Ø 2,07 mm MLS Zyl. 5 - 8 →10/97→ | 14-32005-01 2x 11 12 1 729 246 | 15-31821-01 R 11 12 9 069 871 Zyl. 5 - 8 →08/98 15-31822-01 L 11 12 9 069 872 Zyl. 1 - 4 →08/98 15-33396-01 R 11 12 9 071 589 Zyl. 5 - 8 →09/98→ 15-33397-01 L 11 12 9 071 590 Zyl. 1 - 4 →09/98→ | 12-31306-12 2x 11 34 9 063 193 70-31306-00 32x 11 34 2 245 151 | 71-31853-00 4x 11 61 1 433 328 71-31826-00 ⑩ V 11 61 1 729 727 71-31827-00 ⑩ H 11 61 1 729 728 | 71-31834-10 3x 11 62 7 505 789 71-31836-10 11 62 7 509 677 | 71-31828-00 11 13 1 742 109 71-31837-00 ⑪ 11 13 1 436 324 | 81-17404-50 K ← 11 14 1 274 346 48x65x10 AB SL RD FPM 81-27373-00 K → 11 14 1 713 730 100x125x13 A SL LD FPM | |

⑩ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiam. collettore aspirazione / прокладка, корпус впускного коллектора

⑪ Dichtung Ölsumpf / oil pan gasket / joint de carter d'huile / junta carter / guarnizione coppa dell'olio / прокладка поддона картера

H hinten / rear / arrière / posterior / posteriore / сзади

V vorne / front / avant / delante / anteriore / спереди



BMW

Ltr.

4,4 M 62 B 44

210 kW (286 PS) 840 Ci (E31)

01/96-12/99



02-31821-02 ¹²
11 12 9 069 055

08-31828-01 ¹³
11 11 9 070 240



61-35320-00 R
11 12 1 741 468

93 Ø
1,65 mm
Zyl. 1 - 4
 →09/97



61-35325-00 L
11 12 1 741 470

93 Ø
1,65 mm
Zyl. 5 - 8
 →09/97



61-31370-00 L
11 12 1 433 473

93 Ø
1,74 mm
MLS
Zyl. 1 - 4
 →10/97

61-31370-10 L
11 12 1 433 474

93 Ø
2,07 mm
MLS
Zyl. 1 - 4
 →10/97



61-31375-00 R
11 12 1 433 477

93 Ø
1,74 mm
MLS
Zyl. 5 - 8
 →10/97

61-31375-10 R
11 12 1 433 478

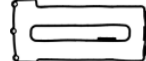
93 Ø
2,07 mm
MLS
Zyl. 5 - 8
 →10/97



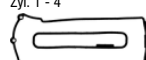
14-32005-01 2x
11 12 1 729 246



15-31821-01 R
11 12 9 069 871
Zyl. 5 - 8



15-31822-01 L
11 12 9 069 872
Zyl. 1 - 4



12-31306-12 2x
11 34 9 063 193

70-31306-00 32x
11 34 2 245 151



71-31853-00 4x
11 61 1 433 328

71-31826-00 ¹⁰ V
11 61 1 729 727



71-31827-00 ¹⁰ H
11 61 1 729 728



71-31834-10 3x
11 62 7 505 789

71-31836-10
11 62 7 509 677



71-31828-00
11 13 1 742 109



71-31837-00 ¹¹
11 13 1 436 324



81-17404-50 K ←
11 14 1 274 346

48x65x10
AB SL RD FPM
81-27373-00 K →
11 14 1 713 730
100x125x13
A SL LD FPM

¹⁰ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiam. collettore aspirazione / прокладка, корпус впускного коллектора

¹¹ Dichtung Ölsumpf / oil pan gasket / joint de carter d'huile / junta carter / guarnizione coppa dell'olio / прокладка поддона картера

H hinten / rear / arrière / posterior / posteriore / сзади

V vorne / front / avant / delante / anteriore / спереди

¹²



¹³



L



R



←



→



K



N



BMW

Ltr.

4,4 M 62 B 44
M 62 B 44 TU

210 kW (286 PS) X5 (E53)

05/00→



02-33396-01 ⑫
11 12 0 004 553



08-39344-01 ⑬
11 11 0 008 361

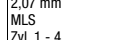


61-31370-00 L
11 12 1 433 473
93 Ø
1,74 mm
MLS
Zyl. 1 - 4

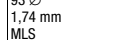


61-31370-10 L
11 12 1 433 474

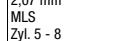
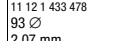
93 Ø
2,07 mm
MLS
Zyl. 1 - 4



61-31375-00 R
11 12 1 433 477
93 Ø
1,74 mm
MLS
Zyl. 5 - 8



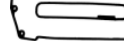
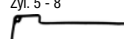
61-31375-10 R
11 12 1 433 478
93 Ø
2,07 mm
MLS
Zyl. 5 - 8



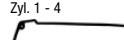
14-32005-01 2x
11 12 1 729 246



15-33396-01 R
11 12 9 071 589
Zyl. 5 - 8



15-33397-01 L
11 12 9 071 590
Zyl. 1 - 4



12-31306-12 2x
11 34 9 063 193

70-31306-00 32x
11 34 2 245 151

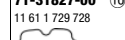


71-31853-00 4x
11 61 1 433 328

71-31826-00 ⑩ V
11 61 1 729 727



71-31827-00 ⑩ H
11 61 1 729 728



71-31834-10 3x
11 62 7 505 789



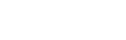
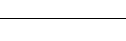
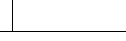
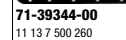
71-31836-10
11 62 7 509 677



71-39343-00
11 13 7 500 261



71-39344-00
11 13 7 500 260



⑩ Dichtung Ansaugkrümmergehäuse / gasket, intake manifold housing / joint d'étanchéité, carter de collecteur d'admission / junta, carcasa de colector de admisión / guarnizione, alloggiamento collettore aspirazione / прокладка, корпус впускного коллектора

H hinten / rear / arrière / posterior / posteriore / сзади
V vorne / front / avant / delante / anteriore / спереди

⑫



⑬



L



R



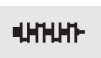
←



→



K



N



| BMW | | | | | | | | | | | | |
|----------------------------------|---|-------------|---|---|---|---|--|---|--|---|---|--|
| 4,4 M 62 B 44 TU M 62 B 48 S2 | 210 kW (286 PS) 540 i (E39) 740 i, iL (E38) 840 Ci (E31) | 01/96-05/04 | <p>02-31821-02 ¹²</p> <p>11 12 9 069 055 →08/98</p> <p></p> <p>02-33396-01 ¹²</p> <p>11 12 0 004 553 →09/98→</p> <p></p> <p>08-31828-01 ¹³</p> <p>11 11 9 070 240</p> | <p>61-35320-00 R</p> <p>11 12 1 741 468 93 Ø 1,65 mm Zyl. 1 - 4 →09/97</p> <p></p> <p>61-35325-00 L</p> <p>11 12 1 741 470 93 Ø 1,65 mm Zyl. 5 - 8 →09/97</p> <p></p> <p>61-31370-00 L</p> <p>11 12 1 433 473 93 Ø 1,74 mm MLS Zyl. 1 - 4 →10/97→</p> <p>61-31370-10 L</p> <p>11 12 1 433 474 93 Ø 2,07 mm MLS Zyl. 1 - 4 →10/97→</p> <p></p> <p>61-31375-00 R</p> <p>11 12 1 433 477 93 Ø 1,74 mm MLS Zyl. 5 - 8 →10/97→</p> <p>61-31375-10 R</p> <p>11 12 1 433 478 93 Ø 2,07 mm MLS Zyl. 5 - 8 →10/97→</p> <p></p> | <p>14-32005-01 2x</p> <p>11 12 1 729 246</p> <p></p> | <p>15-31821-01 R</p> <p>11 12 9 069 871 Zyl. 5 - 8 →08/98</p> <p></p> <p>15-31822-01 L</p> <p>11 12 9 069 872 Zyl. 1 - 4 →08/98</p> <p></p> <p>15-33396-01 R</p> <p>11 12 9 071 589 Zyl. 5 - 8 →09/98→</p> <p></p> <p>15-33397-01 L</p> <p>11 12 9 071 590 Zyl. 1 - 4 →09/98→</p> <p></p> | <p>12-31306-12 2x</p> <p>11 34 9 063 193</p> <p>70-31306-00 32x</p> <p>11 34 2 245 151</p> | <p>71-31853-00 4x</p> <p>11 61 1 433 328</p> <p></p> | <p>71-31834-10 3x</p> <p>11 62 7 505 789</p> <p></p> <p>71-31836-10</p> <p>11 62 7 509 677</p> <p></p> | <p>71-31828-00</p> <p>11 13 1 742 109</p> <p></p> <p>71-31837-00 ¹¹</p> <p>11 13 1 436 324</p> <p></p> | <p>81-17404-50 K ←</p> <p>11 14 1 274 346 48x65x10 AB SL RD FPM 81-27373-00 K →</p> <p>11 14 1 713 730 100x125x13 A SL LD FPM</p> | |
| 4,4 N 62 B 44 N 62 B 44 A | 235 kW (320 PS) X5 (E53) | 12/03→ | <p>02-37331-01 ¹²</p> <p>11 12 7 518 017</p> <p></p> <p>08-34069-01 ¹³ ⁹⁵</p> <p>11 11 0 304 864</p> | <p>61-33705-00 2x</p> <p>11 12 7 513 944 93 Ø 0,75 mm MLS</p> <p>61-33705-10 2x</p> <p>11 12 7 513 945 93 Ø 1,05 mm MLS</p> <p></p> | <p>14-32308-01 2x</p> <p>11 12 7 583 113</p> <p></p> | <p>15-37331-01</p> <p>11 12 7 513 194 Zyl. 1 - 4</p> <p></p> <p>15-37332-01</p> <p>11 12 7 513 195 Zyl. 5 - 8</p> <p></p> | <p>12-37281-01 2x</p> <p>11 34 0 029 751</p> <p>70-37281-00 32x</p> <p>11 34 7 505 417</p> | <p>71-39428-00 2x</p> <p>11 61 7 521 181</p> <p></p> | <p>71-31834-10 4x</p> <p>11 62 7 505 789</p> <p></p> | <p>71-34069-00</p> <p>11 13 7 545 293</p> <p></p> <p>71-39381-00</p> <p>11 13 7 539 582</p> <p></p> | <p>81-39391-00 K ←</p> <p>11 14 7 558 914 45x75x20 A SL2 RD 81-90001-00 K → </p> <p>11 14 7 512 101 100 LD PTFE</p> | |

¹² Dichtung Ölsumpf / oil pan gasket / joint de carter d'huile / junta carter / guarnizione coppa dell'olio / прокладка поддона картера

¹¹ enthält integr. Wedi / including integrated oil seal / comprend bague d'étanchéité intégr. / contiene retén integrado / contiene paraolio albero motore integrato / содержит встроенное уплотнение вала



| BMW | | | | | | |
|--|----------------------------|--|--------|--|--|--|
| 4,4 N 62 B 44 N 62 B 44 A | 245 kW (333 PS) | 545 i (E60) 545 i (E61) 645 Ci (E63) 645 Ci (E64) 745 i, Li (E65, E66) | 11/01→ | 02-37331-01 ⑫ 11 12 7 518 017 08-34067-01 ⑬ ⑮ 11 11 7 551 866 | 61-33705-00 2x 11 12 7 513 944 93 ∅ 0,75 mm MLS 61-33705-10 2x 11 12 7 513 945 93 ∅ 1,05 mm MLS | 14-32308-01 2x 11 12 7 583 113 |
| 4,4 N 63 B 44 A S 63 B 44 A [NEW] | 300-408 kW (407-555 PS) | X5 (E70) X6 (E71) X6 (E71, E72) 550 i (F07) 550 i (F07) 550 i (F10) 650 i (F12) 650 i (F13) 750 i (F01, F02) 750 i (F01, F02) | 05/08→ | | 61-36445-00 2x 11 12 7 567 765 0,75 mm MLS 61-36445-10 2x 11 12 7 567 764 1,05 mm MLS | |
| 4,6 M 62 B 46 M 67 N 46 S1 | 255 kW (347 PS) | X5 (E53) | 02/02→ | 02-33396-01 ⑫ 11 12 0 004 553 08-39344-01 ⑬ 11 11 0 008 361 | 61-33810-00 2x 11 12 7 519 406 93,5 ∅ 1,65 mm MLS Zyl. 1 - 4 61-33810-10 2x 11 12 7 519 405 93,5 ∅ 1,95 mm MLS Zyl. 1 - 4 61-33815-00 2x 11 12 7 519 410 93,5 ∅ 1,65 mm MLS Zyl. 5 - 8 61-33815-10 2x 11 12 7 519 409 93,5 ∅ 1,95 mm MLS Zyl. 5 - 8 | 14-32005-01 2x 11 12 1 729 246 |
| 4,8 N 62 B 48 A N 62 B 48 B | 261-270 kW (355-367 PS) | X5 (E70) 550 i (E60) 550 i (E61) 650 i (E63) 650 i (E64) 750 i, Li (E65, E66) | 07/05→ | 02-37331-02 ⑫ 11 12 7 551 822 08-34067-01 ⑬ ⑮ 11 11 7 551 866 | 61-34905-00 2x 11 12 7 530 256 0,75 mm MLS 61-34905-10 2x 11 12 7 530 257 1,05 mm MLS | 14-32308-01 2x 11 12 7 583 113 |

| | | | | | |
|--|---|--|--|--|---|
| 15-37331-01 2x 11 12 7 513 194 Zyl. 1 - 4 15-37332-01 2x 11 12 7 513 195 Zyl. 5 - 8 | 12-37281-01 2x 11 34 0 029 751 70-37281-00 32x 11 34 7 505 417 | 71-39428-00 2x 11 61 7 521 181 | 71-31834-10 4x 11 62 7 505 789 | 71-34067-00 2x 11 13 7 506 774 71-34069-00 2x 11 13 7 545 293 | 81-34062-00 K ← 2x 11 14 7 512 100 45x75x12 RD FPM 81-90001-00 K → 2x 11 14 7 512 101 100 LD PTFE |
| | 12-37281-01 2x 11 34 0 029 751 70-37281-00 32x 11 34 7 505 417 | 11-37133-01 2x 11 61 7 547 242 | | | 81-34062-00 K ← 2x 11 14 7 512 100 45x75x12 RD FPM |
| 15-33396-01 2x 11 12 9 071 589 Zyl. 5 - 8 15-33397-01 2x 11 12 9 071 590 Zyl. 1 - 4 | 12-31306-01 2x 11 34 2 245 151 70-31306-00 32x | 71-31853-00 4x 11 61 1 433 328 | 71-31834-10 3x 11 62 7 505 789 71-31836-10 3x 11 62 7 509 677 | 71-39343-00 2x 11 13 7 500 261 71-39344-00 2x 11 13 7 500 260 | 81-17404-50 K ← 2x 11 14 1 274 346 48x65x10 AB SL RD FPM 81-27373-00 K → 2x 11 14 1 713 730 100x125x13 A SL LD FPM |
| 15-37331-01 2x 11 12 7 513 194 Zyl. 1 - 4 15-37332-01 2x 11 12 7 513 195 Zyl. 5 - 8 | 12-37281-01 2x 11 34 0 029 751 70-37281-00 32x 11 34 7 505 417 | 71-39409-00 8x 11 61 7 537 999 | 71-31834-10 4x 11 62 7 505 789 | 71-34069-00 2x 11 13 7 545 293 | 81-34062-00 K ← 2x 11 14 7 512 100 45x75x12 RD FPM 81-90001-00 K → 2x 11 14 7 512 101 100 LD PTFE |

⑫ enthält integr. Wedi / including integrated oil seal / comprend bague d'étanchéité intégr. / contiene retén integrado / contiene paraolio albero motore integrato / содержит встроенное уплотнение вала



| BMW | | | | | | | | |
|-----------------|---|-------------|--|--|--|---|--|--|
| 4,8 N 62 B 48 A | 265 kW (360 PS) X5 (E53) | 04/04→ | | | | 02-37331-03 ¹² 11 12 0 306 824 +11 61 7 521 181 (2x) 08-34069-01 ¹³ ⁹⁹ 11 11 0 304 864 | 61-34905-00 2x 11 12 7 530 256 0,75 mm MLS 61-34905-10 2x 11 12 7 530 257 1,05 mm MLS | 14-32308-01 2x 11 12 7 583 113 |
| 5,0 M 70 B 50 | 220 kW (300 PS) 750 i,iL (E32) 850 i,Ci (E31) | 09/87-10/94 | | | | 02-27541-02 ¹² 11 12 9 059 239 08-13047-02 ¹³ 11 11 9 059 235 | 61-29315-00 2x 11 12 1 702 082 86 Ø 1,75 mm Zyl. 1-6 61-29320-00 11 12 1 702 083 86 Ø 1,75 mm Zyl. 7-12 | 14-32005-02 2x 11 12 1 729 247 |
| 5,4 M 73 B 54 | 240 kW (326 PS) 750 i,iL (E38) 850 Ci (E31) | 09/94-11/01 | | | | 02-27541-02 ¹² 11 12 9 059 239 08-13047-02 ¹³ 11 11 9 059 235 | 61-29315-00 2x 11 12 1 702 082 86 Ø 1,75 mm Zyl. 1-6 61-29320-00 11 12 1 702 083 86 Ø 1,75 mm Zyl. 7-12 | 14-32005-02 2x 11 12 1 729 247 |
| 5,6 M 70 B 56 | 280 kW (380 PS) 850 CSI (E31) | 04/93-12/96 | | | | 02-27541-02 ¹² 11 12 9 059 239 08-13047-02 ¹³ 11 11 9 059 235 | 61-37170-00 2x 11 12 7 584 618 0,75 mm MLS 61-37170-10 2x 11 12 7 584 612 1,05 mm MLS | 14-32005-02 2x 11 12 1 729 247 |
| 6,0 N 74 B 60 A | 400 kW (544 PS) 760 i (F01,F02) | 09/09→ | | | | 61-37170-00 2x 11 12 7 584 618 0,75 mm MLS 61-37170-10 2x 11 12 7 584 612 1,05 mm MLS | | |

⁹⁹ enthält integr. Wedi / including integrated oil seal / comprend bague d'étanchéité intégr. / contiene retén integrado / contiene paraolio albero motore integrato / содержит встроенное уплотнение вала



| | | | | | |
|--|---|--|---|---|--|
| 15-37331-01 11 12 7 513 194 Zyl. 1 - 4 | 12-37281-01 2x 11 34 0 029 751 70-37281-00 32x 11 34 7 505 417 | 71-39428-00 2x 11 61 7 521 181 | 71-31834-10 3x 11 62 7 505 789 71-31836-10 11 62 7 509 677 | 71-34069-00 11 13 7 545 293 | 81-39391-00 K ← 11 14 7 558 914 45x75x20 A SL2 RD 81-90001-00 K → 11 14 7 512 101 100 LD PTFE |
| 15-37332-01 11 12 7 513 195 Zyl. 5 - 8 | 12-26058-01 2x 11 34 9 059 172 70-26058-00 24x 11 34 1 288 544 | | 71-27543-00 12x 11 62 1 708 965 71-27467-00 4x 11 76 1 711 717 | | 81-27373-00 K → 11 14 1 713 730 100x125x13 A SL LD FPM |
| 71-27541-00 11 12 1 725 002 Zyl. 1-6 71-27542-00 11 12 1 725 003 Zyl. 7-12 | 12-26058-01 2x 11 34 9 059 172 70-26058-00 24x 11 34 1 288 544 | | 71-34849-00 8x 11 62 1 704 539 71-34851-00 4x 11 62 1 704 540 | | 81-27373-00 K → 11 14 1 713 730 100x125x13 A SL LD FPM |
| 71-27541-00 11 12 1 725 002 Zyl. 1-6 71-27542-00 11 12 1 725 003 Zyl. 7-12 | 12-26058-01 2x 11 34 9 059 172 70-26058-00 24x 11 34 1 288 544 | | 71-27543-00 12x 11 62 1 708 965 71-27467-00 4x 11 76 1 711 717 | | 81-27373-00 K → 11 14 1 713 730 100x125x13 A SL LD FPM |
| 61-37170-00 2x 11 12 7 584 618 0,75 mm MLS 61-37170-10 2x 11 12 7 584 612 1,05 mm MLS | | | | | 81-34062-00 K ← 11 14 7 512 100 45x75x12 RD FPM |

