

BMW IGNITION LOCKS

General information as follows:

1. Key blank references are for the profile only, using one of the more well-known blank numbers. This list does not include all variations of different head shapes, lengths, or transponders, the main object is to identify which key profile enters the lock.
2. Identify which tumblers and keying kits to use according to the separate chart organized by the key blank numbers.
3. Items marked DWO are discontinued when out. The part numbers are listed for the benefit of those who already have stock.
4. In model changeover years there may be 2 different versions of the same car name sold as the same year model. The different versions are designated by the model code (such as 3-series E21). You can use the keyway as another way to check.
5. For models not listed replacement parts are available from BMW dealers only. Most of those have pushbutton start only.

Model	Years	Key	Part description	Part no.	Part description	Part no.	Notes
1502, 1600, 2000, 2002	1968-77	BMW1	Replacement locks available from BMW dealers only, tumblers and other service parts not available.				
2500, 2800, Bavaria	1970-77	PE1	Coded cylinder short version 1 inch / 25 mm long	C-13-224 (DWO)	Coded cylinder long version 1.65 inch / 42 mm long	C-13-225 (DWO)	Tumblers and other service parts are not available
3-series E21	1977-83	X59 BMW3	Coded cylinder	C-13-226 (DWO)	Uncoded plug only	C-13-326	Use tumbler series P-31-101/104 (P-21-111/114)
3-series E30	1984-91	X59 BMW3	Coded cylinder	C-13-236 (DWO)	Face cap, remove to disassemble cylinder: P-13-637 Use tumbler series P-13-131/144		
3-series convertible E30	1984-94	X59 BMW3	Coded cylinder	C-13-236 (DWO)	Face cap, remove to disassemble cylinder: P-13-637 Use tumbler series P-13-131/144		
3-series except convertible E36	1991-98	S7BWP	Cars without transponder keys		Coded cylinder	C-13-241 (DWO)	Face cap, remove to disassemble cylinder: P-13-641 (DWO) Use tumbler series P-13-131/144
			Cars with transponder keys (usually 11/94-up) – replacement locks available from BMW dealers only		Parts to service original locks: Face cap, remove to disassemble cylinder: P-13-642 Use tumbler series P-13-131/144		
3-series convertible E36	1995-98	S7BWP	see 3-series 1991-98				
3-series E46	1999-06	HU92R	Replacement locks available from BMW dealers only. Use tumbler series P-31-171/178				
5-series E12	1975-81	X59 BMW3	Coded cylinder	C-13-226 (DWO)	Uncoded plug only	C-13-326	Use tumbler series P-31-101/104 (P-21-111/114)
5-series E28	1982-88	X59 BMW3	Cars with fixed steering column		Coded cylinder	C-13-226 (DWO)	Use tumbler series P-31-101/104 (P-21-111/114)
					Uncoded plug only	C-13-326	
			Cars with adjustable steering column		Coded cylinder	C-13-236 (DWO)	Face cap, remove to disassemble cylinder: P-13-637 Use tumbler series P-13-131/144
5-series E34	1989-03	S7BWP	Cars without transponder keys		Coded cylinder	C-13-241 (DWO)	Face cap, remove to disassemble cylinder: P-13-641 (DWO) Use tumbler series P-13-131/144
			Cars with transponder keys (usually 11/94-up) – replacement locks available from BMW dealers only.		Parts to service original locks: Face cap, remove to disassemble cylinder: P-13-642 Use tumbler series P-13-131/144		
5-series E39	2004-07	HU92R	Replacement locks available from BMW dealers only				
6-series E24	1977-86	X59 BMW3	Coded cylinder	C-13-226 (DWO)	Uncoded plug only	C-13-326	Use tumbler series P-31-101/104 (P-21-111/114)
6-series	2004-07	HU92R	Replacement locks available from BMW dealers only				

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7-series E23	1977-87	X59 BMW3	Coded cylinder	C-13-226 (DWO)	Uncoded plug only	C-13-326	Use tumbler series P-31-101/104 (P-21-111/114)	
7-series E32	1988-01	S7BWP	Cars without transponder keys		Coded cylinder	C-13-241 (DWO)	Face cap, remove to disassemble cylinder: P-13-641 (DWO) Use tumbler series P-13-131/144	
			Cars with transponder keys (usually 11/94-up) – replacement locks available from BMW dealers only		Parts to service original locks: Face cap, remove to disassemble cylinder: P-13-642 Use tumbler series P-13-131/144			
7-series	2002-19	Prox.	Replacement locks available from BMW dealers only					
8-series	1991-98	S7BWP	Cars without transponder keys		Coded cylinder	C-13-241 (DWO)	Face cap, remove to disassemble cylinder: P-13-641 (DWO) Use tumbler series P-13-131/144	
			Cars with transponder keys (usually 11/94-up) – replacement locks available from BMW dealers only		Parts to service original locks: Face cap, remove to disassemble cylinder: P-13-642 Use tumbler series P-13-131/144			
Mini Cooper	2002-08	HU92R	Replacement locks available from BMW/Mini dealers only Use tumbler series P-31-171/175					
Mini Cooper	2009-19	Prox.	Replacement locks available from BMW/Mini dealers only					
Z3	1996-02	S7BWP	Cars without transponder keys		Coded cylinder	C-13-241 (DWO)	Face cap, remove to disassemble cylinder: P-13-641 (DWO) Use tumbler series P-13-131/144	
			Cars with transponder keys (usually 11/94-up) – replacement locks available from BMW dealers only		Parts to service original locks: Face cap, remove to disassemble cylinder: P-13-642 Use tumbler series P-13-131/144			

Which tumblers and keying kits to use:

The chart below lists which tumblers and keying kits to use according to which key blank the lock uses. Some of these parts are no longer available for new purchase but are listed for the benefit of those who already have them (marked DWO / Discontinued When Out).

Key Blank	Tumbler	Tumbler	Tumbler	Tumbler		Springs	Keying kits and Notes
HU92R	#1 depth P-31-171	#2 depth P-31-172	#3 depth P-31-173	#4 depth P-31-174		P-31-100	A-31-110 current keying kit
	#11 depth P-31-175	#12 depth P-31-176	#13 depth P-31-177	#14 depth P-31-178			
S7BWP	1 left P-13-131 (DWO)	2 left P-13-132 (DWO)	3 left P-13-133 (DWO)	4 left P-13-134 (DWO)		P-31-100	Contained in the A-13-103 keying kit which is no longer available for purchase.
	1 right P-13-141 (DWO)	2 right P-13-142 (DWO)	3 right P-13-143 (DWO)	4 right P-13-144 (DWO)			Now available is a mini-pack of tumblers which contains 6 pieces each of the 8 different variations, enough to service 1 or 2 locks – order part number MP-13-103 (available as a complete set only)
X59 BMW3	#1 depth P-13-101 Or P-21-111	#2 depth P-13-102 Or P-21-112	#3 depth P-13-103 Or P-21-113	#4 depth P-13-104 Or P-21-114		P-31-100	A-13-101 current keying kit for this series only Also contained in the A-21-101 keying kit Also contained in the A-41-152 and A-21-100 keying kits which are no longer available for purchase. Refill packs may be ordered under the P-13-101/104 or P-21-111/114 part numbers, same parts at the same price.