

MAZDA 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. If a specific model is not listed, the correct tumblers to use can be identified by the key profile only.
2. Locks are only available coded with keys unless noted otherwise.
3. Identify which tumblers and keying kits to use according to the separate chart organized by the key blank numbers.
4. Items marked DWO are discontinued when out. The part numbers are listed for the benefit of those who already have stock

Model	Years	Key	Part description	Part no.	Part description	Part no.	Notes	
2	2010-14	MZ31	Cylinder assembly	C-20-134				
3	2004-09	MZ31	Cylinder assembly automatic transmission	C-20-129	Cylinder assembly manual transmission	C-20-130		
3	2010-13	MZ31	Cylinder assembly	C-20-133				
3	2014-25	MZ31	Replacement locks available from Mazda dealers only					
323	1986-89	MZ16	Complete lock without switch	C-20-208	Uncoded plug and lock repair kit	C-20-108 (DWO)	C-20-108 (DWO) contains plug, face cap, springs, locking bar, & seal plate Use tumbler series P-20-111/164	
323, Protégé	1990-94	MZ19	Complete lock & switch manual transmission	C-20-209	Coded cylinder manual transmission (SEE NOTE)	C-20-109 (DWO)	Use tumbler series P-20-131/155	
			Complete lock & switch automatic trans	C-20-210	Uncoded cylinder automatic transmission	C-20-110	Use tumbler series P-20-131/155	
			NOTE: C-20-109 cylinder is discontinued when out, lowest cost alternative is to remove the cylinder from C-20-219 complete ignition lock and replace in the original lock housing.					
323	1995-up		see Protégé					
5	2006-18	MZ31	Cylinder assembly	C-20-133				
6	2003-07	MZ31	Cylinder assembly	C-20-131				
6	2008-25	MZ31	Replacement locks available from Mazda dealers only					
626	1979-82	MZ16	Complete lock without switch	C-20-208	Design as originally installed on the car SL-7 lock housing, previously available as C-20-107 cylinder or C-20-207 complete lock with switch, both part numbers discontinued when out. Now must replace the complete lock assembly with C-20-208 and reuse the original switch. Use tumbler series P-20-111/164			
626	1983-87	MZ16	Complete lock without switch	C-20-208	Uncoded plug and lock repair kit	C-20-108 (DWO)	C-20-108 (DWO) contains plug, face cap, springs, locking bar, & seal plate Use tumbler series P-20-111/164	
626	1988-92	MZ16	Uncoded plug	C-20-311	Use tumbler series P-20-111/164			
			Complete lock & switch automatic transmission	C-20-217	Complete lock & switch manual transmission	C-20-218	Use tumbler series P-20-111/164	
626	1993-97	MZ19	Complete lock & switch manual transmission	C-20-219	Coded cylinder manual transmission (SEE NOTE)	C-20-109 (DWO)	Use tumbler series P-20-131/155	
			Complete lock & switch automatic trans	C-20-220	Uncoded cylinder automatic transmission	C-20-110	Use tumbler series P-20-131/155	
			NOTE: C-20-109 cylinder is discontinued when out, lowest cost alternative is to remove the cylinder from C-20-219 complete ignition lock and replace in the original lock housing.					
626	1998-02	MZ31	Complete lock & switch automatic trans no transponder 99-02	C-20-237	Complete lock & switch manual trans no transponder 99-02	C-20-236	Use tumbler series P-20-131/155	
			Complete lock & switch automatic trans with transponder 1999-99 only	C-20-239	Complete lock & switch manual trans with transponder 1998-99 only	C-20-238	Use tumbler series P-20-131/155	
			Complete lock & switch automatic trans with transponder 2000-02 only	C-20-249 (DWO)	Complete lock & switch manual trans with transponder 2000-02 only	C-20-248 (DWO)	The cylinder assembly from C-20-238 / C-20-239 may be used in the original housings for 2000-02 year model applications.	

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808	1972-78	X1	Coded cylinder	C-20-101 (DWO)	Discontinued when out, replacement locks now available from Mazda dealers only. Disassembly and rekeying of this lock is not recommended.		
929	1988-91	MZ19	Uncoded plug only 1988-91	C-20-311	Use tumbler series P-20-111/164		
			Complete lock & switch 1988-89	C-20-221	Complete lock & switch 1990-91	C-20-222	Use tumbler series P-20-111/164
929	1992-95	MZ19	Uncoded cylinder service pack	C-20-110	Complete lock & switch	C-20-230	Use tumbler series P-20-131/155
Cosmo	1974-78	X60	Replacement locks available from Mazda dealers only. Use tumbler series P-30-141/144				
CX3	2015-19	MZ31	Replacement locks available from Mazda dealers only. Use tumbler series P-20-131/155				
CX5	2012-19	MZ31	Replacement locks available from Mazda dealers only. Use tumbler series P-20-131/155				
CX7	2007-11	MZ31	Cylinder assembly	C-20-132			
CX9	2007-10	MZ31	Cylinder assembly	C-20-132			
GLC	1977-80	MZ16	Coded cylinder	C-20-102 (DWO)	Discontinued when out, replacement locks now available from Mazda dealers only. Use tumbler series P-20-111/113 or P-20-121/123 to service locks originally installed on the car (both series found in use)		
GLC except wagon	1981-85	MZ16	Complete lock without switch	C-20-208	Design as originally installed on the car SL-7 lock housing, previously available as C-20-107 cylinder or C-20-207 complete lock with switch, both part numbers discontinued when out. Now must replace the complete lock assembly with C-20-208 and reuse the original switch. Use tumbler series P-20-111/164		
GLC wagon	1981-86	MZ16	Coded cylinder	C-20-102 (DWO)	Discontinued when out, replacement locks now available from Mazda dealers only. Use tumbler series P-20-111/113 or P-20-121/123 to service locks originally installed on the car (both series found in use)		
Miata	1989-98	MZ19	Complete lock & switch manual trans	C-20-233 (DWO)	Coded cylinder (SEE NOTE)	C-20-109 (DWO)	Use tumbler series P-20-131/155
			Complete lock & switch automatic trans	C-20-234	Uncoded cylinder	C-20-110	Use tumbler series P-20-131/155
			NOTE: C-20-109 cylinder is discontinued when out, lowest cost alternative is to remove the cylinder from C-20-219 complete ignition lock and replace in the original lock housing.				
Miata MX5	1999-05	MZ31	Complete lock & switch automatic trans no transponder	C-20-241	Complete lock & switch manual trans no transponder	C-20-240	Use tumbler series P-20-131/155
Miata MX5	2006-15	MZ31	Cars with transponder system – replacement locks available from Mazda dealers only.				
Miata MX5	2006-15	MZ31	Cylinder assembly	C-20-132			
Millenia	1995-99	LXP90P	Complete lock and switch	C-20-235 (DWO)	Use tumbler series P-30-110/119		
Millenia	2000-02	LXP90P	Replacement locks available from Mazda dealers only. Use tumbler series P-30-110/119				
MPV	1989-99	MZ19	Complete lock and switch	C-20-231	Use tumbler series P-20-131/155		
MPV	2000-03	MZ31	Coded cylinder no transponder	C-20-122	Complete lock and switch	C-20-246	Use tumbler series P-20-131/155
			Coded cylinder with transponder	C-20-123 (DWO)	Use tumbler series P-20-131/155		
MPV	2004-06	MZ31	Coded cylinder no transponder	C-20-126 (DWO)	Use tumbler series P-20-131/155		
MPV	2007-10	MZ31	Replacement locks available from Mazda dealers only. Use tumbler series P-20-131/155				
MX3	1992-95	MZ19	Complete lock & switch manual trans. cars without airbag	C-20-209	Coded cylinder manual transmission (SEE NOTE)	C-20-109 (DWO)	Use tumbler series P-20-131/155
			Complete lock & switch automatic trans cars without airbag	C-20-210	Uncoded cylinder automatic transmission	C-20-110	
			Complete lock & switch manual trans cars with airbag	C-20-219	Coded cylinder manual transmission (SEE NOTE)	C-20-109 (DWO)	
			Complete lock & switch automatic trans cars with airbag	C-20-220	Uncoded cylinder automatic transmission	C-20-110	
			NOTE: C-20-109 cylinder is discontinued when out, lowest cost alternative is to remove the cylinder from C-20-219 complete ignition lock and replace in the original lock housing.				
MX5	2006-07	MZ31	Replacement locks available from Mazda dealers only. Use tumbler series P-20-131/155				
MX6	1988-92	MZ19	Uncoded plug	C-20-311	Use tumbler series P-20-111/164		
			Complete lock & switch automatic transmission	C-20-217	Complete lock & switch manual transmission	C-20-218	Use tumbler series P-20-111/164
MX6	1993-96	MZ19	Complete lock & switch manual transmission	C-20-219	Coded cylinder manual transmission (SEE NOTE)	C-20-109 (DWO)	Use tumbler series P-20-131/155
			Complete lock & switch automatic trans	C-20-220	Uncoded cylinder automatic transmission	C-20-110	Use tumbler series P-20-131/155
			NOTE: C-20-109 cylinder is discontinued when out, lowest cost alternative is to remove the cylinder from C-20-219 complete ignition lock and replace in the original lock housing.				

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Navajo	1991-94	H54	Coded cylinder	C-42-110	Uncoded is no longer available		Use tumbler series P-42-191/195	
Pickup	1972-73	X36	Complete lock & switch	C-20-100 (DWO)	Discontinued when out by ASP, now available from Ford or Mazda dealers only. Tumblers and service parts are not available.			
Pickup	1974-75	MZ16	Complete lock & switch	C-20-103 (DWO)	Discontinued when out by ASP, now available from Ford or Mazda dealers only. Tumblers and service parts are not available.			
Pickup	1976-81	MZ16	Complete lock & switch	C-20-104 (DWO)	Discontinued when out by ASP, now available from Ford or Mazda dealers only. Use tumbler series P-20-111/113			
Pickup	1982-89	MZ16	Complete lock without switch	C-20-208	Uncoded plug and lock repair kit	C-20-108 (DWO)	C-20-108 (DWO) contains plug, face cap, springs, locking bar, & seal plate Use tumbler series P-20-111/164	
Pickup	1990-93	MZ16	Uncoded plug	C-20-311	Used to repair SL24 locks without guarded cylinder only. For locks with guarded cylinder see line below Use tumbler series P-20-111/164			
			Complete lock & switch manual transmission Guarded face design	C-20-223 (DWO)	Complete lock & switch automatic transmission Guarded face design	C-20-224 (DWO)	IMPORTANT: C-20-311 cannot be used to service this design lock. Locks with guarded cylinder. Use tumbler series P-20-111/164	
Pickup	1994-95	H54	Coded cylinder (only available as chrome)	C-42-110	Uncoded is no longer available		Use tumbler series P-42-191/195	
Pickup	1996-11	H75	Uncoded cylinder	C-42-195 see note	Coded cylinder	C-42-184 LC6177	Use tumbler series P-42-051/055	
			NOTE: C-42-195 replaces C-42-182, C-42-185, and LC6177U. C-42-195 is the no-sidebar design lock and includes tumblers and springs for assembly.					
Protégé	1995-96	MZ19	Complete lock & switch automatic trans	C-20-226 (DWO)	Complete lock & switch manual trans	C-20-225 (DWO)	Use tumbler series P-20-131/155	
Protégé	1997-98	MZ31	Complete lock & switch automatic trans	C-20-228 (DWO)	Complete lock & switch manual trans	C-20-227 (DWO)	Use tumbler series P-20-131/155	
Protégé	1999-03	MZ31	Complete lock & switch automatic trans	C-20-243	Complete lock & switch manual trans	C-20-242	Use tumbler series P-20-131/155	
			Coded cylinder automatic trans.	C-20-122	Coded cylinder Manual transmission	C-20-128	Use tumbler series P-20-131/155	
RX2, RX3	1972-78	X1	Coded cylinder	C-20-101 (DWO)	Discontinued when out, replacement locks now available from Mazda dealers only. Disassembly and rekeying of this lock is not recommended.			
RX4	1974-78	MZ16	Coded cylinder	C-20-102 (DWO)	Discontinued when out, replacement locks now available from Mazda dealers only. Use tumbler series P-20-111/113 or P-20-121/123 to service locks originally installed on the car (both series found in use)			
RX7	1978-80	MZ16	Coded cylinder (SL-6 lock housing)	C-20-106 (DWO)	Complete lock and switch	C-20-206 (DWO)	Use tumbler series P-20-121/123	
RX7	1981-83	MZ16	Complete lock without switch	C-20-208	Design as originally installed on the car SL-7 lock housing, previously available as C-20-107 cylinder or C-20-207 complete lock with switch, both part numbers discontinued when out. Now must replace the complete lock assembly with C-20-208 and reuse the original switch. Use tumbler series P-20-111/164			
RX7	1984-85	MZ16	Complete lock without switch	C-20-208	Uncoded plug and lock repair kit	C-20-108 (DWO)	C-20-108 (DWO) contains plug, face cap, springs, locking bar, & seal plate Use tumbler series P-20-111/164	
RX7	1986-91	MZ16	Uncoded plug	C-20-311	Complete lock with switch	C-20-229	Use tumbler series P-20-111/164	
RX7	1993-95	MZ19	Complete lock & switch manual trans	C-20-219	Coded cylinder (SEE NOTE)	C-20-109 (DWO)	Use tumbler series P-20-131/155	
			Complete lock & switch automatic trans	C-20-220	Uncoded cylinder	C-20-110	Use tumbler series P-20-131/155	
			NOTE: C-20-109 cylinder is discontinued when out, lowest cost alternative is to remove the cylinder from C-20-219 complete ignition lock and replace in the original lock housing.					
RX8	2004-08	MZ31	Replacement locks available from Mazda dealers only Use tumbler series P-20-131/155					
Tribute	2001-06	H75	Uncoded cylinder (no turn knob)	C-42-197 (see note)	Coded cylinder (no turn knob)	C-42-189 (DWO)	Tumblers included in the uncoded service pack	
			NOTE: C-42-197 replaces C-42-187. C-42-197 does not include the large black clip which fits onto the rear of the plug as used on some models. The retaining pin of C-42-197 cannot be depressed to remove the cylinder assembly from the steering column lock housing until the plug is turned. This is different from the C-42-187 design lock that the clip interlocks with the housing to prevent removing the cylinder without turning the cylinder. The clip from the lock being replaced may be installed on the back of the new C-42-197 lock, although because of the different retaining pin design the interlocking function of the clip is not important for security against unauthorized removal of the cylinder assembly from the lock housing.					
			Uncoded service pack (with turn knob)	C-42-171 (DWO)	Replacement locks are now available only from Mazda or Ford dealers only			

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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 #1 depth	Tumbler #2 depth	Tumbler #3 depth	Tumbler #4 depth	Tumbler #5 depth		Keying kits and Notes
H54	P-42-191	P-42-192	P-42-193	P-42-194	P-42-195		A-42-111 current keying kit no longer available for purchase. Refill tumblers will continue to be available until sold out Also contained in A-42-150 keying kits no longer available for purchase (DWO)
H75 Pickup	P-42-051 RP5049	P-42-052 RP5050	P-42-053 RP5052	P-42-054 RP5053	P-42-055 RP5054		
H75 Tribute							
LXP90P TOY40 "Lexus long key"	#1 depth full size P-30-110 #1 depth split does not exist	#2 depth full size P-30-111 #2 depth split P-30-116	#3 depth full size P-30-112 #3 depth split P-30-117	#4 depth full size P-30-113 #4 depth split P-30-118	#4 depth full size alternate P-30-114 #5 depth split P-30-119	#5 depth full size P-30-115	A-30-110 keying kit
MZ16 3-depths code series 1500-2499	P-20-111	P-20-112 (DWO)	P-20-113 (DWO)				Contained in keying kits A-20-100 and A-20-101 no longer available for purchase (DWO). Refill packs will continue to be available until sold out.
MZ16 3-depths code series 1500-2499	P-20-121	P-20-122	P-20-123				Contained in keying kits A-20-100 and A-20-101 no longer available for purchase (DWO). Refill packs will continue to be available until sold out.
MZ16 4-depths code series 6500-7733	P-20-111	P-20-162	P-20-163	P-20-164			A-20-150 current keying kit containing this and the MZ19 series Also contained in keying kit A-20-100 and A-20-101 no longer available for purchase (DWO)
MZ19 & MZ31	P-20-131	P-20-132	P-20-133	P-20-144	P-20-155		A-20-103 keying kit containing only this series A-20-150 current keying kit containing this and the MZ16 series Also contained in keying kits A-20-100 and A-20-102 no longer available for purchase (DWO)
X60	P-30-141	P-30-142	P-30-143	P-30-144			A-30-116 current keying kit Also contained in the A-30-104 and A-30-150 keying kits which are no longer available for purchase.

Tumbler springs:

Over the years we have sold tumbler springs under several different part numbers. As there are very minor differences between the springs used in most Japanese and Korean locks, we have consolidated the various springs as follows:

P-00-100 - currently active part number - 100 springs per pack

Part numbers previously used, now superseded to P-00-100

P-16-105	P-30-108
P-19-100	RP6546
P-20-105	RP6612
P-20-115	RP6731
P-24-105	RP6822
P-30-105	