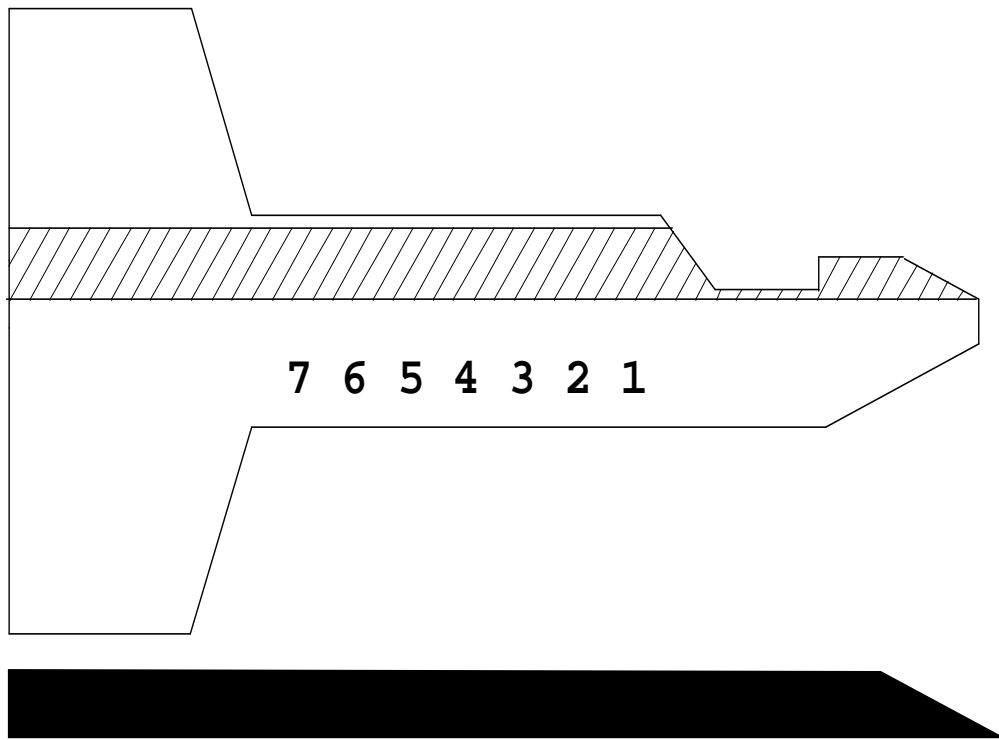


# THE DETERMINATOR

## APPLICATION CHART

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# Audi / Porsche / VW

## Audi

Model	year	determinator	key blank	spaces	depths	door	ignition
All models	97 to 06	VW 2	HU66	8	4	1 to 7	1 to 7*
	85 to 96	VW 1	X88	7	4	1 to 7	1 to 7*

\* Some cuts are double width spaces, 2 and 6, and either 4 or 5

## Porsche

Model	year	determinator	key blank	spaces	depths	door	ignition
924	76 to 88	VW 1	X88	7	4	1 to 7	1 to 7*
944	83 to 91	VW 1	X88	7	4	1 to 7	1 to 7*
968	92 to 96	VW 1	X88	7	4	1 to 7	1 to 7*

\* Some cuts are double width spaces, 2 and 6, and either 4 or 5

## VW

Model	year	determinator	key blank	spaces	depths	door	ignition
Cabrio	98 to 06	VW 2	HU66	8	4	1 to 7	1 to 7*
	85 to 98	VW 1	X88	7	4	1 to 7	1 to 7*
Cabriolet	98 to 06	VW 2	HU66	8	4	1 to 7	1 to 7*
	85 to 98	VW 1	X88	7	4	1 to 7	1 to 7*
Corrado	90 to 95	VW 1	X88	7	4	1 to 7	1 to 7*
Dasher	75 to 88	VW 1	X88	7	4	1 to 7	1 to 7*
Fox	88 to 92	VW 1	X88	7	4	1 to 7	1 to 7*
Golf	98 to 06	VW 2	HU66	8	4	1 to 7	1 to 7*
	85 to 98	VW 1	X88	7	4	1 to 7	1 to 7*
GTI	98 to 06	VW 2	HU66	8	4	1 to 7	1 to 7*
	85 to 98	VW 1	X88	7	4	1 to 7	1 to 7*
Jetta	98 to 06	VW 2	HU66	8	4	1 to 7	1 to 7*
	85 to 98	VW 1	X88	7	4	1 to 7	1 to 7*
Passat	89 to 97	VW 1	X88	7	4	1 to 7	1 to 7*
Rabbit	75 to 88	VW 1	X88	7	4	1 to 7	1 to 7*
Scrocco	75 to 88	VW 1	X88	7	4	1 to 7	1 to 7*

\* Some cuts are double width spaces, 2 and 6, and either 4 or 5

# Acura/Honda

## Acura

Model	year	determinator	key blank	spaces	depths	door	ignition
CL Series	97 and up	HON 2	X214	8	6	1-7	1-8
Integra	90 and up	HON 2	X214	8	6	1-7	1-8
	86 to 89	HON 1	X183	8	3	1-6	1-8
Legend (90-92 overlap years)	90 to 96	HON 2	X214	8	6	1-7	1-8
	86 to 92	HON 1	X183	8	3	1-7	1-8
NSX	91 and up	HON 2	X214	8	6	1-7	1-8
RL Series	96 to 04	HON 2	X214	8	6	1-7	1-8
SLX	96 and up	JAP 1	X184	8	4	1-8	1-8
TL Series	95 and up	HON 2	X214	8	6	1-7	1-8
Vigor	91 to 95	HON 2	X214	8	6	1-7	1-8

## Honda

Model	year	determinator	key blank	spaces	depths	door	ignition
Accord	90 to 03	HON 2	X214	8	6	1-7	1-8
	82 to 89	HON 1	X181	8	3	1-6	1-8
Civic, CRX, Del Sol CRV	89 to 04	HON 2	X214	8	6	1-7	1-8
	84 to 88	HON 1	X181	8	3	1-6	1-8
Insight, S2000	00 and up	HON 2	X214	8	6	1-7	1-8
Odyssey	95 to 03	HON 2	X214	8	6	1-7	1-8
Passport	98 and up	HON 2	X214	8	6	1-7	1-8
	95½ to 97	JAP 1	X184	8	4	1-8	1-8
	94 to 95	JAP 2	X198	8	5	1-8	1-8
Prelude	91 to 99	HON 2	X214	8	6	1-7	1-8
	83 to 90	HON 1	X181	8	3	1-6	1-8

# BMW

## BMW

<b>Model</b>	<b>year</b>	<b>determinator</b>	<b>key blank</b>	<b>spaces</b>	<b>depths</b>	<b>door</b>	<b>ignition</b>
3, 6 series	85 to 92	BMW 1	X144	11	4	1 to 7 (1 to 11) <sup>1</sup>	1 to 7 (1 to 11) <sup>1</sup>
3, 6 series	75 to 84	BMW 1	X59	11	4	1 to 8	1 to 10
5, 7, 8 series	85 to 87	BMW 1	X144	11	4	1 to 7 (1 to 11) <sup>1</sup>	1 to 7 (1 to 11) <sup>1</sup>
5, 7, 8 series	75 to 84	BMW 1	X59	11	4	1 to 8	1 to 10
4 track LASER key systems		BMW 4HS	HU56	12	4	L1 to 6  R 1 to 6	L 1 to 6  R 1 to 6
1 Spaces 8 - 11 are used for the "deadlock" feature.							
2 TRACK system use the BMW 2 track Origination kit.							

# Chrysler / Dodge / Eagle / Jeep / Plymouth

## CHRYSLER TUMBLER PLACEMENTS

95 ½ was a change over year on tumbler placements

98-up	doors 2-8	ignition 1-8	trunk 2-8	Y159
95-97	doors 1-7	ignition 1-7	trunk 1-7	Y157
94-95	doors 3-7	ignition 1-7	trunk 3-7	Y157
93	doors 3-7	ignition 1-7	trunk 3-7	Y155
89-92	doors 1-5	ignition 1-6	trunk 3-7	Y154
<b>94 Neon only</b>	<b>doors 2-7</b>	<b>ignition 1-7</b>	<b>trunk 3-7</b>	<b>Y157</b>

## Chrysler

Model	year	determinator	key blank	spaces	depths	door	ignition
Cirrus	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	95 to 97	CHR 1	*	7	4	*	*
Concorde	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	93 to 97	CHR 1	*	7	4	*	*
Imperial	93	CHR 1	*	7	4	*	*
Le Baron	90 to 95	CHR 1	*	7	4	*	*
LHS	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	91 to 97	CHR 1	*	7	4	*	*
Neon	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	94 to 97	CHR 1	*	7	4	*	*
New Yorker	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	91 to 97	CHR 1	*	7	4	*	*
Pacifica	04 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
PT Cruiser	01 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
Prowler	01 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
Sebring 4 door	01	CHR 2	Y159	8	4	2 to 8	1 to 8
Sebring 2 door	01	MIT 2	X263	6	4	1 to 8	1 to 8
Sebring Convertible	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
Sebring Hardtop	95 to 00	JAP 1	X176	8	4	1 to 8	1 to 8
Town & Country	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	91 to 97	CHR 1	*	7	4	*	*
200	11 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
300M	99 and up	CHR 2	Y159	8	4	2 to 8	1 to 8

\* see Chrysler tumbler placement chart

# Dodge

Model	year	determinator	key blank	spaces	depths	door	ignition
Aspen	06 and up	CHR2	Y159	8	4	2 to 8	1 to 8
Avenger	95 and up	JAP 1	X176	8	4	1 to 8	1 to 8
Caravan	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	91 to 97	CHR 1	*	7	4	*	*
Charger	05 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
Colt	93 to 96	JAP 2	X224	8	5	1 to 8	1 to 8
	89 to 92	JAP 1	X176	8	4	1 to 8	1 to 8
	70 to 88	MIT 2	X121	6	4	1 to 6	1 to 6
D-50 pickup	ALL	MIT 2	X121	6	4	1 to 6	1 to 6
Dakota	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	90 to 97	CHR 1	*	7	4	*	*
Durango	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
Dynasty	90 to 94	CHR 1	*	7	4	*	*
Intrepid	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	93 to 97	CHR 1	*	7	4	*	*
Journey	09 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
Magnum	05 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
Neon	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	94 to 97	CHR 1	*	7	4	*	*
Pick ups	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	90 to 97	CHR 1	*	7	4	*	*
Raider	87 to 90	MIT 2	X121	6	4	1 to 6	1 to 6
Shadow	90 to 95	CHR 1	*	7	4	*	*
Spirit	90 to 95	CHR 1	*	7	4	*	*
Sprinter	02 to 06	MER 2	MB17	10	4	3 to 10	1 to 9
Stealth	91 to 97	JAP 1	X176	8	4	1 to 8	1 to 8
Stratus 4 door	01	CHR 2	Y159	8	4	2 to 8	1 to 8
Stratus 2 door	01	MIT 2	X263	6	4	1 to 8	1 to 8
Stratus	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	95 to 97	CHR 1	*	7	4	*	*
Vans	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	90 to 97	CHR 1	*	7	4	*	*
Vista	93 to 96	JAP 2	X224	8	5	1 to 8	1 to 8
	89 to 92	JAP 1	X176	8	4	1 to 8	1 to 8
	70 to 88	MIT 2	X121	6	4	1 to 6	1 to 6
Viper	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	92 to 97	CHR 1	*	7	4	*	*

\* see Chrysler tumbler placement chart

## Eagle

Model	year	determinator	key blank	spaces	depths	door	ignition
Summit	93 to 96	JAP 2	X224	8	5	1 to 8	1 to 8
	89 to 92	JAP 1	X176	8	4	1 to 8	1 to 8
Talon	90 to 97	JAP 1	X176	8	4	1 to 8	1 to 8
Vision	93 to 97	CHR 1	*	8	4	*	*

## Jeep

Model	year	determinator	key blank	spaces	depths	door	ignition
CJ5, CJ7	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	91 to 97	CHR 1	*	7	4	*	*
Cherokee	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	92 to 97	CHR 1	*	7	4	*	*
Comanche	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	91 to 97	CHR 1	*	7	4	*	*
Grand Cherokee	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	92 to 97	CHR 1	*	7	4	*	*
Liberty	02 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
Wagoneer	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	91 to 97	CHR 1	*	7	4	*	*
Wrangler	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	91 to 97	CHR 1	*	7	4	*	*

\* see Chrysler tumbler placement chart

## Plymouth

Model	year	determinator	key blank	spaces	depths	door	ignition
Acclaim	89 to 95	CHR 1	*	7	4	*	*
Breeze	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	94 to 97	CHR 1	*	7	4	*	*
Conquest	81 to 86	MIT 2	X121	6	4	1 to 6	1 to 6
Laser	90 to 94	JAP 1	X176	8	4	1 to 8	1 to 8
Neon	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	94 to 97	CHR 1	*	7	4	*	*
Prowler	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	97	CHR 1	*	7	4	*	*
Sapporo	81 to 86	MIT 2	X121	6	4	1 to 6	1 to 6
Sundance	89 to 95	CHR 1	*	7	4	*	*
Voyager	98 and up	CHR 2	Y159	8	4	2 to 8	1 to 8
	91 to 97	CHR 1	*	7	4	*	*

\* see Chrysler tumbler placement chart



# Daewoo

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## Daewoo

<b>Model</b>	<b>year</b>	<b>determinator</b>	<b>key blank</b>	<b>spaces</b>	<b>depths</b>	<b>door</b>	<b>ignition</b>
Lanos	99 and up	DAE 1	X174	8	4	1 to 8	1 to 8
Leganza	99 and up	DAE 1	X176	8	4	1 to 8	1 to 8
Nubira	99 and up	DAE 1	X174	8	4	1 to 8	1 to 8

# Ford / Lincoln / Mercury

## Ford

Model	year	determinator	key blank	spaces	depths	door	ignition
Aerostar	96 to 97	FOR 2	H75	8	5	1 to 6	2 to 8
	87 to 96	FOR 1	H60	10	5	1 to 6	5 to 10
Aspire	94 to 97	FOR 5	H70/X231	8	5	3 to 10	1 to 8
Broncos, Vans, Econo, F-Series, Club Wagon	96 and up	FOR 2	H75	8	5	1 to 6	2 to 8
	92 to 96	FOR 1	H60	10	5	1 to 6	5 to 10
Contour	95 and up	FOR 1	H60	10	5	1 to 6	5 to 10
Crown Victoria	97 and up	FOR 2	H75	8	5	1 to 6	2 to 8
Edge	11 and up	FOR 7	H75	8	5	3 to 8	1 to 7
	08 to 10	FOR 6	H75	8	5	2 to 7	2 to 8
	07	FOR 4	H75	8	5	1 to 6	2 to 8
Escape	08 and up	FOR 6	H75	8	5	2 to 7	2 to 8
	00 to 07	FOR 4	H74PT	8	5	1 to 6	2 to 8
Escort	96½ and up	MAZ 2	X221	10	5	3 to 10	1 to 8
	88 to 96½	FOR 1	H60	10	5	*	*
* If the ignition has ears, the doors are 1 to 6 and the ignition is 5 to 10. If the ignition does NOT have ears, the doors are 4 to 8 or 4 to 9 and the ignition is 5 to 10.							
Excursion	00 and up	FOR 2	H72PT	8	5	1 to 6	2 to 8
Expedition	97 and up	FOR 2	H75	8	5	1 to 6	2 to 8
Explorer	11 and up	FOR 7	H75	8	5	3 to 8	1 to 7
	02 to 10	FOR 3	H75	8	5	2 to 7	2 to 8
	97 to 01	FOR 2	H75	8	5	1 to 6	2 to 8
	91 to 96	FOR 1	H60	10	5	1 to 6	5 to 10
Festiva/Probe	88 to 92	MAZ 1	X202	7	4	1,5,6,7	1 to 7
						2,5,6,7	1 to 7
Five Hundred	07 and up	FOR 3	H75	8	5	2 to 7	2 to 8
Focus	08 and up	FOR 6	H75	8	5	2 to 7	2 to 8
	00 to 07	FOR 4	H74PT	8	5	1 to 6	2 to 8
Freestyle/Freestar	04 to 07	FOR 3	H75	8	5	2 to 7	2 to 8
Fusion	08 and up <sup>1</sup>	FOR 6	H75	8	5	2 to 7	2 to 8
	06 to 07	FOR 4	H75	8	5	1 to 6	2 to 8
<sup>1</sup> some 08 still use FOR 4 Determinator							
LTD	97 and up	FOR 2	H75	8	5	1 to 6	2 to 8
	90 to 96	FOR 1	H60	10	5	1 to 6	5 to 10
Mustang	05 and up	FOR 3	H75	8	5	2 to 7	2 to 8
	97 to 04	FOR 2	H75	8	5	1 to 6	2 to 8
	94 to 96	FOR 1	H60	10	5	1 to 6	5 to 10
Ranger	97 and up	FOR 2	H75	8	5	1 to 6	2 to 8
Taurus	11 and up	FOR 7	H75	8	5	3 to 8	1 to 7
	07-10	FOR 3	H75	8	5	2 to 7	2 to 8
	96 to 07	FOR 2	H75	8	5	1 to 6	2 to 8
	86 to 95	FOR 1	H60	10	5	1 to 6	5 to 10
Taurus X	2008	FOR 3	H75	8	5	2 to 7	2 to 8
Tempo	87 to 94	FOR 1	H60	10	5	1 to 6	5 to 10
Thunderbird	02 and up	FOR 2	H74PT	8	5	1 to 6	2 to 8
	96 to 97	FOR 2	H75	8	5	1 to 6	2 to 8
	84½ to 96	FOR 1	H60	10	5	1 to 6	5 to 10
Windstar	96 and up	FOR 2	X242	8	5	1 to 6	2 to 8
	94 to 96	FOR 1	H60	10	5	1 to 6	5 to 10

# Lincoln

Model	year	determinator	key blank	spaces	depths	door	ignition
Aviator	98 and up	FOR 2	H75	8	5	1 to 6	2 to 8
Blackwood	98 and up	FOR 2	H75	8	5	1 to 6	2 to 8
Continental	97 and up	FOR 2	H75	8	5	1 to 6	2 to 8
	85 to 96	FOR 1	H60	10	5	1 to 6	5 to 10
LS	00 and up	FOR 3	H75	8	5	2 to 7	2 to 8
Mark series	97 and up	FOR 2	H75	8	5	1 to 6	2 to 8
	85 to 96	FOR 1	H60	10	5	1 to 6	5 to 10
MKT	11 and up	FOR 2	H75	8	5	1 to 6	2 to 8
		FOR 3	H75	8	5	2 to 7	2 to 8
	10	FOR 2	H75	8	5	1 to 6	2 to 8
MKX	11 and up	FOR 7	H75	8	5	3 to 8	1 to 7
		FOR 2	H75	8	5	1 to 6	2 to 8
	07 to 10	FOR 3	H75	8	5	2 to 7	2 to 8
MKZ	11 and up	FOR 7	H75	8	5	3 to 8	1 to 7
		FOR 2	H75	8	5	1 to 6	2 to 8
	07 to 10	FOR 3	H75	8	5	2 to 7	2 to 8
Navigator	98 and up	FOR 2	H75	8	5	1 to 6	2 to 8
Town Car	97 and up	FOR 2	H75	8	5	1 to 6	2 to 8
	85 to 96	FOR 1	H60	10	5	1 to 6	5 to 10

# Mercury

Model	year	determinator	key blank	spaces	depths	door	ignition
Capri	91 to 94	MAZ 1	X202	7	4	1 to 7	1 to 7
				7	4	1,5,6,7	1 to 7
				7	4	2,5,6,7	1 to 7
Cougar	96 and up	FOR 2	H75	8	5	1 to 6	2 to 8
	84½ to 96	FOR 1	H60	10	5	1 to 6	5 to 10
Grand Marquis	96 and up	FOR 2	H75	8	5	1 to 6	2 to 8
	93 to 95	FOR 1	H60	10	5	1 to 6	5 to 10
Mariner	05 and up	FOR 2	H75	8	5	1 to 6	2 to 8
Maruader	05 and up	FOR 2	H75	8	5	1 to 6	2 to 8
Montego	05 and up	FOR 2	H75	8	5	1 to 6	2 to 8
Monterey	05 and up	FOR 2	H75	8	5	1 to 6	2 to 8
Mountaineer	02 and up	FOR 3	H75	8	5	2 to 7	2 to 8
	96 to 01	FOR 2	H75	8	5	1 to 6	2 to 8
Mystique	95 and up	FOR 1	H60	10	5	1 to 6	5 to 10
Sable	08 and up	FOR 3	H75	8	5	2 to 7	2 to 8
	96 and 05	FOR 2	H75	8	5	1 to 6	2 to 8
	86 to 95	FOR 1	H60	10	5	1 to 6	5 to 10
Topaz	87 to 94	FOR 1	H60	10	5	1 to 6	5 to 10
Tracer	96½ and up	MAZ 2	X221	10	5	3 to 10	1 to 8
	91 to 96	FOR 1	H60	10	5	*	*
If the ignition has ears, the doors are 1 to 6 and the ignition is 5 to 10. If the ignition does NOT have ears, the doors are 4 to 8 or 4 to 9 and the ignition is 5 to 10.							
	87 to 90	MAZ 1	X202	7	4	1,5,6,7 2,5,6,7	1 to 7
Villager	96 and up	FOR 2	H75	8	5	1 to 6	2 to 8
	93 to 96	FOR 1	H60	10	5	1 to 6	5 to 10
Zephyr	06 and up	FOR 3	H75	8	5	2 to 7	2 to 8

# Buick / Cadillac / Chevrolet / Geo / Hummer / Oldsmobile / Pontiac / Saturn

## Buick

Model	year	determinator	key blank	spaces	depths	door	ignition
Century* door separate from ignition	97½ to 04	GM 1	B86/vats	10	4	6 to 10*	1 to 9
Enclave	07 and up	GM 11	B106	10	5	3 to 10	2 to 8
Lacrosse	04 and up	GM 67	B106	10	5	3 to 9 *	3 to 9
			*subtract two from space number				
LaSabre	00 and up	GM 4	B99PT	10	4	4 to 10	1 to 9
Lucerne	05 to 07	GM67	B106	10	5	3 to 10	1 to 8
	08 and up	GM 11	B106	10	5	4 to 10	3 to 8
Park Avenue	97 and up	GM 3	B97PT	10	4	3 to 9	1 to 9
Rainer	04 and up	GM1	B86	10	4	4 to 9	1 to 9
Regal* door separate from ignition	97½ and up	GM 1	B86/VATS	10	4	6 to 10*	1 to 9
Rendezvouz	02 and up	GM 3	B99PT	10	4	3 to 9	1 to 9
Riviera* door separate from ignition	95 to 99	GM 1	B86/VATS	10	4	6 to 10*	1 to 9
Skylark	94 to 99	GM 1	B86	10	4	see Cavalier H key	1 to 9
	92 to 93	GM 2	B68	6	5		1 to 6
Terraza production date 05 - up production date pre-05	05 and up	GM 67	B106	10	5	3 to 10	1 to 8
		GM 1	B86	10	4	3 to 9	1 to 8
Ultra	97 and up	GM 3	B97PT	10	4	3 to 9	1 to 9

## Cadillac

Model	year	determinator	key blank	spaces	depths	door	ignition
Catera	97 to 02	GM 5	X168	10	4	3 to 10	1 to 10
CTS	10 and up	GM 10	B106	10	5	6 to 10	1 to 9
	08 to 09	GM67	B106	10	5	3 to 10	FOB
	02 to 07	GM 4	GMX320X	10	4	4 to 10	1 to 9
Deville	00 and up	GM 3	B99PT	10	4	3 to 9	1 to 9
DTS	06 to 07	GM67	B106	10	5	3 to 10	1 to 9
Escalade	01 and up	GM 1	B86	10	4	3 to 9	1 to 9
	99 to 00	GM 1	B86	10	4	6 to 10	1 to 9
Seville	98 and up	GM 3	B99PT	10	4	3 to 9	3 to 9
SLS	98 and up	GM 3	B99PT	10	4	3 to 9	3 to 9
SRX	04 and up	GM 67	B106	10	5	3 to 10	1 to 10
STS	04 and 07	GM 67	B106	10	5	3 to 10	1 to 10
XLR	04 and up	GM 67	B106	10	5	3 to 10*	FOB
		Hatch lock subtract two from space number					

# Chevrolet

Model	year	determinator	key blank	spaces	depths	door	ignition
Acadia	07 to 08	GM 11	B106	10	5	4 to 10	2 to 8
Astro	01 and up	GM 1	B86	10	4	3 to 9	1 to 9
	95 to 00	GM 1	B86	10	4	6 to 10	1 to 9
Avalanche	07 and up	GM 11	B106	10	5	4 to 10	2 to 10
	02 to 06	GM 1	B86	10	4	3 to 9	1 to 9
Aveo	04 and up	DAE1	Daewoo	8	4	1 to 8	1 to 8
Blazer	07 and up	GM 11	B106	10	5	4 to 10	2 to 10
	01 to 06	GM 1	B86	10	4	3 to 9	1 to 9
	95 to 00	GM 1	B86	10	4	6 to 10	1 to 9
Canyon	04 and up	GM 8	B110	10	4	3 to 10	1 to 10
Cavalier	96 ½ and up	GM 1	B86	10	4	3 to 9	1 to 9
	96	GM 1	B86	10	4	3 to 7	1 to 9
	95	GM 1	B86	10	4	6 to 10	1 to 9
	91 to 94	GM 2	B68	6	5	H key 1 to 6	1 to 6
C/K	07 and up	GM 11	B106	10	5	4 to 10	2 to 10
	01 to 06	GM 1	B86	10	4	3 to 9	1 to 9
	95 to 00	GM 1	B86	10	4	6 to 10	1 to 9
Cobalt	2008	GM 11	B106	10	5	4 to 10	2 to 10
	05 to 07	GM 67	B106	10	5	3 to 10	4 to 10
Colorado	04 and up	GM 8	B110	10	4	3 to 10	1 to 10
Corvette	07 and up	GM 10	B106	10	5	trunk 6 to 10	
	05 and 06	GM 9	B106	10	4	trunk 3 to 9	
	97 to 04	GM 1	B86/VATS	10	4	6 to 10	1 to 9
Envoy	01 and up	GM 1	B86	10	4	3 to 9	1 to 9
	95 to 00	GM 1	B86	10	4	6 to 10	1 to 9
Equinox	05 to 09	GM 12	B99PT	10	4	3 to 9	2 to 10
Express	07 and up	GM 11	B106	10	5	4 to 10	2 to 10
	01 to 06	GM 1	B86	10	4	3 to 9	1 to 9
	95 to 00	GM 1	B86	10	4	6 to 10	1 to 9
G-Vans	01 and up	GM 1	B86	10	4	3 to 9	1 to 9
	95 to 00	GM 1	B86	10	4	6 to 10	1 to 9
HHR	08 and up	GM 11	B106	10	5	4 to 10	2 to 8
	04 and 07	GM 67	B106	10	5	3 to 10	1 to 10
Impala	08 and up	GM 11	B106	10	5	4 to 10	2 to 8
	06 and 07	GM 67	B106	10	5	3 to 10	1 to 10
	00 to 05	GM 1	B86	10	4	3 to 9	1 to 9
LUV pickup	81 to 82	MIT 2	X121	6	4	1 to 6	1 to 6
Metro	98 and up	JAP 2	X180	8	5	1 to 8	1 to 8
Malibu	08 and up	GM 11	B106	10	5	4 to 10	2 to 8
	04 to 07	GM 67	B106	10	5	3 to 10	1 to 10
	97 to 03	GM 1	B91	10	4	3 to 9	1 to 9
Monte Carlo	06 and up	GM 67	B106	10	5	3 to 10	1 to 10
	00 to 05	GM 1	B86	10	4	3 to 9	1 to 9
Prizm	98 and up	TOY 2	X217	8	4	1 to 8	1 to 8

Model	year	determinator	key blank	spaces	depths	door	ignition
S-10 trucks	01 to 05	GM 1	B86	10	4	3 to 9	1 to 9
	95 to 00	GM 1	B86	10	4	6 to 10	1 to 9
Safari	01 and up	GM 1	B86	10	4	3 to 9	1 to 9
	95 to 00	GM 1	B86	10	4	6 to 10	1 to 9
Sierra	01 and up	GM 1	B86	10	4	3 to 9	1 to 9
	95 to 00	GM 1	B86	10	4	6 to 10	1 to 9
Sonoma	01 and up	GM 1	B86	10	4	3 to 9	1 to 9
	95 to 00	GM 1	B86	10	4	6 to 10	1 to 9
Sprint	84 to 88	MIT 2	X121	6	4	1 to 6	1 to 6
Suburban	07 and up	GM 11	B106	10	5	4 to 10	2 to 10
	01 to 01	GM 1	B86	10	4	3 to 9	1 to 9
	95 to 00	GM 1	B86	10	4	6 to 10	1 to 9
Tahoe	07 and up	GM 11	B106	10	5	4 to 10	2 to 10
	01 and 06	GM 1	B86	10	4	3 to 9	1 to 9
	95 to 00	GM 1	B86	10	4	6 to 10	1 to 9
Tracker	98 and up	JAP 2	X180	8	5	1 to 8	1 to 8
Trailblazer	01 and 06	GM 1	B86	10	4	3 to 9	1 to 9
	95 to 00	GM 1	B86	10	4	6 to 10	1 to 9
Traverse	09 and up	GM 11	B106	10	5	4 to 10	2 to 10
Trucks/Silverado CK	07 and up	GM 11	B106	10	5	4 to 10	2 to 10
	01 to 06	GM 1	B86	10	4	3 to 9	1 to 9
	95 to 00	GM 1	B86	10	4	6 to 10	1 to 9
Uplander	05 and up	GM 67	B106	10	4	3 to 10	1 to 8
Venture	01 and up	GM 1	B97PT	10	4	3 to 9	1 to 9
	99 to 00	GM 1	B97PT	10	4	6 to 10	1 to 9
Yukon	07 and up	GM 11	B106	10	5	4 to 10	2 to 10
	01 and 06	GM 1	B86	10	4	3 to 9	1 to 9
	95 to 00	GM 1	B86	10	4	6 to 10	1 to 9

## Geo

Model	year	determinator	key blank	spaces	depths	door	ignition
Metro	89 to 97	JAP 1	X184	8	4	1 to 8	1 to 8
Prizm	93 to 97	TOY 2	X217	8	4	1 to 8	1 to 8
	89 to 92	TOY 3	X174	8	4	1 to 8	1 to 8
Storm	90 to 93	JAP 1	X184	8	4	1 to 8	1 to 8
Tracker	89 to 97	JAP 2	X180	8	5	1 to 8	1 to 8

## Hummer

Model	year	determinator	key blank	spaces	depths	door	ignition
H3	06 and up	GM8	B110	10	4	3 to 10	1 to 8
H2	02 and up	GM 1	B86	10	4	3 to 9	1 to 9
SUT	02 and up	GM 1	B86	10	4	3 to 9	1 to 9

# Oldsmobile

Model	year	determinator	key blank	spaces	depths	door	ignition
Achieva	96 ½ to 98	GM 1	B86	10	4	3 to 9	1 to 9
	96	GM 1	B86	10	4	3 to 7	1 to 9
	94 to 95	GM 1	B86	10	4	H key 1 to 6	1 to 9
	92 to 93	GM 2	B68	6	5	H key 1 to 6	1 to 6
Alero	99 and up	GM 1	B86	10	4	3 to 9	1 to 9
Aurora* door is separate	01 and up	GM 4	B99PT	10	4	4 to 10	1 to 9
	95 to 99*	GM 1	B85/VATS	10	4	6 to 10	1 to 9
Bravada	96 and up	GM 1	B86	10	4	6 to 10	1 to 9
Cutlass	97 ½ and up	GM 1	B86	10	4	3 to 9	1 to 9
Intrigue	98 and up	GM 1	B93	10	4	3 to 9	1 to 9
Silhouette	97 and up	GM 1	B86	10	4	6 to 10	1 to 9

# Pontiac

Model	year	determinator	key blank	spaces	depths	door	ignition
Aztec	01 and up	GM 3 ** space numbers may be off a little	B86	9	4	4 to 9	1 to 9
Bonneville	00 and up	GM 4	B99PT	10	4	4 to 10	1 to 9
Grand Am	99 and up	GM 1	B93	10	4	3 to 9	1 to 9
	96 ½ to 98	GM 1	B86	10	4	3 to 9	1 to 9
	96	GM 1	B86	10	4	3 to 7	1 to 9
	94 to 95	GM 1	B86	10	4	H key 1 to 6	1 to 9
	92 to 93	GM 2	B68	6	5	H key 1 to 6	1 to 6
Grand Prix	04 and up	GM 67	B106	10	5	3 to 10	1 to 10
	00 to 03	GM 1	B103PT	10	4	6 to 10	1 to 9
	97 to 99	GM 1	B86	10	4	6 to 10	1 to 9
Lemans	88 to 92	GM 5	X168	10	4	3 to 10	1 to 10
Montana	97 and up	GM 1	B86	10	4	6 to 10	1 to 9
Solstice	06 and 08	GM 67	B106	10	5	3 to 9	1 to 9
Sunfire	97 and up	GM 1	B86	10	4	3 to 9	1 to 9
	96	GM 1	B86	10	4	3 to 7	1 to 9
	95	GM 1	B86	10	4	6 to 10	1 to 9
Torrent	06 to 07	GM67	B106	10	5	3 to 10	1 to 8
Transport	97 and up	GM 1	B86	10	4	6 to 10	1 to 9
Vibe	03 and up	TOY 5 ** space numbers may be off a little	X217	10	4	3 to 10	1 to 10
G6	04 and 08	GM 67	B106	10	5	3 to 10	1 to 10

# Saturn

<b>Model</b>	<b>year</b>	<b>determinator</b>	<b>key blank</b>	<b>spaces</b>	<b>depths</b>	<b>door</b>	<b>ignition</b>
Aura	07 and up	GM67	B106	10	5	3 to10	1 to 8
Ion	03 and up	SAT 3	B106	9	5	3 to 9	1 to 9
Outlook	07 and up	GM 11	B106	10	5	4 to 10	2 to8
Relay	05 and up	GM 67	B106	10	5	3 to 9	1 to 9
early 05		GM 1	B86	10	4	3 to 9 or 6 to 10	1 to 9
Sky	08 and up	GM 11	B106	10	5	4 to 10	2 to8
Vue	08 and up	DAE 1	X176	8	4	1 t 8	1 to 8
	02 to 07	SAT 2	B96	10	4	5 to 10	2 to10
All other models	91 to 94	SAT 1	B88	7	4	2 to 6	1 to 6
All other models	95 to 96	SAT 1	B88	7	4	2 to 6	1 to 7
All other models*	97 and up	SAT 2	B96	10	4	5 to 10	2 to 10
*NOTE: SOME 01 AND UP		SAT 2	B96	10	4	5 to 10	1 to 9



# Hyundai

## Hyundai

Model	year	determinator	key blank	spaces	depths	door	ignition
Accent	06 to 11	HYU 7	HY17	8	4	1 to 8	1 to 8
	95 to 05	HYU 2	X235	8	4	1 to 8	1 to 8
Elantra	07 to 10	HYU 6	HY17	10	5	3 to 10	1 to 8
	92 to 06	HYU 1	X236	8	4	1 to 8	1 to 8
Entourage	07 to 10	HYU 5	HY15	10	5	3 to 10	1 to 8
Excel	86 to 94	HYU 4	X160/196	8	4	1 to 8	1 to 8
Genesis Coup	10 and up	HYU 5	HY15	10	5	3 to 10	3 to 10
Pony	85 to 87	MIT 2	X121	8	4	1 to 8	1 to 8
Sante Fe/Tuscon	10 to 11	HYU 5	HY15	10	5	3 to 10	3 to 10
	07 to 09	HYU 1	X236	8	4	1 to 8	1 to 8
	01 to 06	HYU 3	X232	8	4	1 to 8	1 to 8
Scoupe	91 to 96	HYU 4	X196	8	4	1 to 8	1 to 8
Sonata	06 to 10	HYU 5	HY15	10	5	3 to 10	1 to 8
	95 to 05	HYU 3	X232	8	4	1 to 8	1 to 8
	89 to 94	HYU 4	HY4	8	4	1 to 8	1 to 8
Tiburon	09	HYU 5	HY15	10	5	3 to 10	1 to 8
	97 to 08	HYU 1	X236	8	4	1 to 8	1 to 8
Veracruz	07 to 12	HYU 5	HY15	10	5	3 to 10	3 to 10
XG350	01 to 05	HYU 3	X232	8	4	1 to 8	1 to 8

# Infiniti / Nissan

## Infiniti

Model	year	determinator	key blank	spaces	depths	door	ignition
EX series	08 and up	NIS 2	X237	10	4	3 to 10	1 to 10
FX35/FX45	03 and up	NIS 2	X237	10	4	3 to 10	1 to 10
G20	99 and up	NIS 2	X237	10	4	3 to 10	1 to 10
	91 to 98	NIS 1	X210	8	4	1 to 8	1 to 8
I30	00 and up	NIS 2	X237	10	4	3 to 10	1 to 10
	95 to 99	NIS 1	X210	8	4	1 to 8	1 to 8
J30	92 to 97	NIS 1	X210	8	4	1 to 8	1 to 8
M30	90 to 91	NIS 1	X210	8	4	1 to 8	1 to 8
QX4/QX56	97 and up	NIS 2	X237	10	4	3 to 10	1 to 10

## Nissan

Model	year	determinator	key blank	spaces	depths	door	ignition
Altima	98 and up	NIS 2	X237	10	4	3 to 10	1 to 10
	93 to 97	NIS 1	X210	8	4	1 to 8	1 to 8
Armada	98 and up	NIS 2	X237	10	4	3 to 10	1 to 10
	93 to 97	NIS 1	X210	8	4	1 to 8	1 to 8
Axxess	86 to 90	NIS 1	X210	8	4	1 to 8	1 to 8
Cube	10 and up	NIS 2	X237	10	4	3 to 10	1 to 10
Frontier	98 and up	NIS 2	X237	10	4	3 to 10	1 to 10
Juke	10 and up	NIS 2	X237	10	4	3 to 10	1 to 10
Leaf	11 and up	NIS 2	X237	10	4	3 to 10	Prox
Maxima	82 to 99	NIS 1	X210	8	4	1 to 8	1 to 8
	00 and up	NIS 2	X237	10	4	3 to 10	1 to 10
Murano	98 and up	NIS 2	X237	10	4	3 to 10	1 to 10
	93 to 97	NIS 1	X210	8	4	1 to 8	1 to 8
NX	82 to 99	NIS 1	X210	8	4	1 to 8	1 to 8
Pathfinder	96 and up	NIS 2	X237	10	4	3 to 10	1 to 10
	82 to 95	NIS 1	X210	8	4	1 to 8	1 to 8
Pick ups	98 and up	NIS 2	X237	10	4	3 to 10	1 to 10
	83 to 97	NIS 1	X210	8	4	1 to 8	1 to 8
Pulsar	82 to 99	NIS 1	X210	8	4	1 to 8	1 to 8
Quest	96 and up	FOR 2	X242	8	5	1 to 6	2 to 8
	93 to 95	FOR 1	H60	10	5	4 to 8	5 to 10
Rogue	08 and up	NIS 2	X237	10	4	3 to 10	1 to 10
Sentra	00 and up	NIS 2	X237	10	4	3 to 10	1 to 10
	82 to 99	NIS 1	X210	8	4	1 to 8	1 to 8
Stanza	82 to 99	NIS 1	X210	8	4	1 to 8	1 to 8
Titan	98 and up	NIS 2	X237	10	4	3 to 10	1 to 10
	93 to 97	NIS 1	X210	8	4	1 to 8	1 to 8
Vans	86 to 90	NIS 1	X210	8	4	1 to 8	1 to 8
Versa	07 and up	NIS 2	X237	10	4	3 to 10	1 to 10
Xterra	00 and up	NIS 2	X237	10	4	3 to 10	1 to 10
200/240 SX	82 to 99	NIS 1	X210	8	4	1 to 8	1 to 8

# Isuzu

## Isuzu

Model	year	determinator	key blank	spaces	depths	door	ignition
Ascender	00 to 08	GM 1	B86	10	4	3 to 9	1 to 9
	96 to 99	GM 1	B86	10	4	6 to 10	1 to 9
Amigo	98 and up	HON 2	X214	8	6	1 to 7	1 to 8
	89 to 97	JAP 1	X184	8	4	1 to 8	1 to 8
Axiom	02 to 04	HON 2	X214	8	6	1 to 7	1 to 8
Hombre	00 to 05	GM 1	B86	10	4	3 to 9	1 to 9
	96 to 99	GM 1	B86	10	4	6 to 10	1 to 9
I-Mark	83 to 84	MIT 2	X121	6	4	1 to 6	1 to 6
Impulse	90 to 93	JAP 1	X184	8	4	1 to 8	1 to 8
	83 to 89	MIT 2	X121	6	4	1 to 6	1 to 6
NPR	89 to 91	JAP 1	X184	8	4	1 to 8	1 to 8
Oasis	96 and up	HON 2	X214	8	6	1 to 7	1 to 8
Pick ups Japanese made	88 to 89	JAP 1	X184	8	4	1 to 8	1 to 8
	USA made	JAP 2	X198	8	5	X198	1 to 8
P'UP	81 to 87	MIT 2	X121	6	4	1 to 6	1 to 6
Rodeo	98 and up	HON 2	X214	8	6	1 to 7	1 to 8
	95 ½ to 97	JAP 1	X184	8	4	1 to 8	1 to 8
	91 to 95	JAP 2	X198	8	5	1 to 8	1 to 8
Stylus	90 to 93	JAP 1	X184	8	4	1 to 8	1 to 8
Trooper	93 to 98	JAP 1	X184	8	4	1 to 8	1 to 8
	84 to 92	MIT 2	X121	6	4	1 to 6	1 to 6
Vehicross	99 to 02	JAP 1	X184	8	4	1 to 8	1 to 8

# Kia

## Kia

Model	year	determinator	key blank	spaces	depths	door	ignition
Forte	10 and up	KIA 3	HY15	8	5	1 to 8	1 to 8
Optima	06 and up	HYU 5	HY15	8	5	1 to 8	1 to 8
	01 to 05	HYU 3	X232	8	4	1 to 8	1 to 8
Rio	06 and up	HYU 7	HY17	8	4	1 to 8	1 to 8
	98 to 05	KIA 1	X253	8	4	1 to 8	1 to 8
	95 to 97	KIA 1	X233	8	4	1 to 7	1 to 7
Rio Cinco	06 and up	HYU 7	HY17	8	4	1 to 8	1 to 8
	03 to 05	KIA 2	X269	8	4	1 to 8	1 to 8
Rondo	07 and up	HYU 6	HY17	10	5	3 to 10	3 to 10
Sedona	06 and up	HYU 5	HY15	10	5	3 to 10	1 to 10
	02 to 05	KIA 1	KK4	8	4	1 to 8	1 to 8
Sephia	98 to 05	KIA 1	X253	8	4	1 to 8	1 to 8
	95 to 97	KIA 1	X233	8	4	1 to 7	1 to 7
Sorrento	05 to 09	HYU 1	X236	8	4	1 to 8	1 to 8
Soul	10 and up	KIA 3	HY15	8	5	1 to 8	1 to 8
Spectra	06 to 08	HYU 1	X236	8	4	1 to 8	1 to 8
	04 to 05	KIA 1	X253	8	4	1 to 8	1 to 8
	01 to 03	KIA 1	X267	8	4	1 to 8	1 to 8
Sportage	*Some 10	HYU 5	HY15	8	5	1 to 8	1 to 8
	05 to 10*	HYU 1	X236	8	4	1 to 8	1 to 8
	01 to 02	KIA 1	X267	8	4	1 to 8	1 to 8
	95 to 00	KIA 1	X240	8	4	1 to 7	1 to 7

# Mazda

## Mazda

Model	year	determinator	key blank	spaces	depths	door	ignition
B Series pick up	96 and up*	FOR 2	H75	8	5	1 to 6	2 to 8
	94 to 95	FOR 1	H60	10	5	1 to 6	5 to 10
	83 to 93	MAZ 1	X178	7	4	1 to 7	1 to 7
CX series	06 and up	MAZ 2	X222	10	5	3 to 10	1 to 10
Mazda 3	03 and up	MAZ 2	X222	10	5	3 to 10	1 to 10
Mazda 6	03 and up	MAZ 2	X222	10	5	3 to 10	1 to 10
Miata/MX5	91 and up	MAZ 2	X222	10	5	3 to 10	1 to 8
MPV	89 to 05	MAZ 2	X222	10	5	3 to 10	1 to 8
MX3	89 to 97	MAZ 2	X222	10	5	3 to 10	1 to 8
MX6	93 and 02	MAZ 2	X222	10	5	3 to 10	1 to 8
	83 to 92	MAZ 1	X178	7	4	1 to 7	1 to 7
Navajo	91 to 95	FOR 1	H60	10	5	1 to 6	5 to 10
	96	FOR 2	H75	8	5	1 to 6	2 to 8
Protege	90 and 07	MAZ 2	X222	10	5	3 to 10	1 to 8
	83 to 89	MAZ 1	X178	7	4	1 to 7	1 to 7
RX7	93 to 96	MAZ 2	X222	10	5	3 to 10	1 to 8
	83 to 92	MAZ 1	X178	7	4	1 to 7	1 to 7
RX8	03 and up	MAZ 2	X222	10	5	3 to 10	1 to 10
Tribute	08 and up	FOR 6	H75	8	5	2 to 7	2 to 8
	01 to 07	FOR 4	H75	8	5	1 to 6	2 to 8
323	90 and up	MAZ 2	X222	10	5	3 to 10	1 to 8
	83 to 89	MAZ 1	X178	7	4	1 to 7	1 to 7
626	93 and up	MAZ 2	X222	10	5	3 to 10	1 to 8
	83 to 92	MAZ 1	X178	7	4	1 to 7	1 to 7
929	92 to 96	MAZ 2	X222	10	5	3 to 10	1 to 8
	88 to 91	MAZ 1	X178	7	4	1 to 7	1 to 7

# Mercedes Benz

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## Mercedes Benz

<b>Model</b>	<b>year</b>	<b>determinator</b>	<b>key blank</b>	<b>spaces</b>	<b>depths</b>	<b>door</b>	<b>ignition</b>
200 Series	77 to 85	MER 1	X82/X83	10	4	1 to 10	1 to 10
300 Series	77 to 85	MER 1	X82/X83	10	4	1 to 10	1 to 10
Sprinter	04 to 07	MER 2	MB17	10	4	3 to 10	1 to 9

# Mitsubishi

## Mitsubishi

Model	year	determinator	key blank	spaces	depths	door	ignition
Cordia	83 to 89	MIT 2	X121	6	4	1 to 6	1 to 6
Diamante	92 and up	JAP 1	X176	8	4	1 to 8	1 to 8
Eclipse	07 and up	JAP 2	X224	8	5	1 to 8	1 to 8
	00 to 06	MIT 1	X263	8	4	1 to 8	1 to 8
	90 to 99	JAP 1	X176	8	4	1 to 8	1 to 8
Endeavor	07 and up	JAP 2	X224	8	5	1 to 8	1 to 8
	99 to 06	MIT 1	X263	8	4	1 to 8	1 to 8
Expo	92 and up	JAP 1	X176	8	4	1 to 8	1 to 8
Fuso truck	85 to 96	MIT 2	X121	6	4	1 to 6	1 to 6
Galant	07 and up	JAP2	X224	8	5	1 to 8	1 to 8
	99 to 06	MIT 1	X263	8	4	1 to 8	1 to 8
	89 to 98	JAP 1	X176	8	4	1 to 8	1 to 8
	85 to 88	MIT 2	X121	6	4	1 to 6	1 to 6
Mirage	93 and up	JAP 2	X224	8	5	1 to 8	1 to 8
	89 to 92	JAP 1	X176	8	4	1 to 8	1 to 8
Montero	92 and up	JAP 1	X176	8	4	1 to 8	1 to 8
	83 to 91	MIT 2	X121	6	4	1 to 6	1 to 6
Outlander	04 and up	MIT 2	X224	6	4	1 to 8	1 to 8
Pickup	83 to 96	MIT 2	X121	6	4	1 to 6	1 to 6
Precis	90 to 91	HYU 4	X196	7	4	1 to 7	1 to 7
	87 to 89	HYU 4	X160	7	4	1 to 7	1 to 7
Sigma	83 to 89	MIT 2	X121	6	4	1 to 6	1 to 6
Spyder	90 to 99	JAP 1	X176	8	4	1 to 8	1 to 8
Starion	83 to 89	MIT 2	X121	6	4	1 to 6	1 to 6
Tredia	83 to 89	MIT 2	X121	6	4	1 to 6	1 to 6
Van / wagon	87 to 90	MIT 2	X121	6	4	1 to 6	1 to 6
3000	90 to 99	JAP 1	X176	8	4	1 to 8	1 to 8

# Saab

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## Saab

<b>Model</b>	<b>year</b>	<b>determinator</b>	<b>key blank</b>	<b>spaces</b>	<b>depths</b>	<b>door</b>	<b>ignition</b>
Areo	04 and up	NIS 2	X237	10	4	3 to 10	1 to 10



# Scion / Toyota

## Scion

Model	year	determinator	key blank	spaces	depths	door	ignition
FRS	13 and up	TOY 5	X217	10	4	3 to 10	1 to 10
TC	04 and up	TOY 5	X217	10	4	3 to 10	1 to 10
XA	04 and up	TOY 5	X217	10	4	3 to 10	1 to 10
XB	04 and up	TOY 5	X217	10	4	3 to 10	1 to 10
XD	13 and up	TOY 5	X217	10	4	3 to 10	1 to 10

## Toyota

Model	year	determinator	key blank	spaces	depths	door	ignition
Avalon	2002 and up	TOY 5*	X217	10	4	3 to 10	1 to 10
	95 to 01	TOY 2	X217	8	4	1 to 8, *2 to 8	1 to 8
Camry	02 and up	TOY 5	X217	10	4	3 to 10	1 to 10
	92 to 01	TOY 2	X217	8	4	1 to 8	1 to 8
Celica coupe	03 to 07	TOY 5	X217	10	4	3 to 10	1 to 10
	94 to 02	TOY 2	X217	8	4	1 to 8	1 to 8
	90 to 93	TOY 3	X174	8	4	1 to 8	1 to 8
	70 to 89	TOY 4	X137	6	4	1 to 6	1 to 6
Celica liftback	87 to 93	TOY 1	X212	8	7	1 to 8	1 to 8
	76 to 86	TOY 4	X137	6	4	1 to 6	1 to 6
Corolla, sedan/coupe station wagon	03 and up	TOY 5	X217	10	4	3 to 10	1 to 10
	93 to 02	TOY 2	X217	8	4	1 to 8	1 to 8
	88 to 92	TOY 3	X174	8	4	1 to 8	1 to 8
	88 to 92	TOY 1	X212	8	7	1 to 8	1 to 8
	78 to 87	TOY 4	X137	6	4	1 to 6	1 to 6
Corolla liftback	84 to 89	TOY 4	X137	6	4	1 to 6	1 to 6
Cressida	89 to 92	TOY 3	X174	8	4	1 to 8	1 to 8
Echo	03 and up	TOY 5	X217	10	4	3 to 10	1 to 10
	00 to 02	TOY 3	X174	8	4	1 to 8	1 to 8
FJ Cruiser	06 and up	TOY 5	X217	10	4	3 to 10	1 to 10
Highlander	02 and up	TOY 5	X217	10	4	3 to 10	1 to 10
Landcruiser	03 and up	TOY 5	X217	10	4	3 to 10	1 to 10
	98 to 03	TOY 2	X217	8	4	1 to 8	1 to 8
	91 to 97	TOY 3	X174	8	4	1 to 8	1 to 8
	73 to 90	TOY 4	X137	6	4	1 to 6	1 to 6
Matrix	03 and up	TOY 5	X217	10	4	3 to 10	1 to 10
MR2	91 to 95	TOY 3	X174	8	4	1 to 8	1 to 8
	85 to 89	TOY 4	X137	6	4	1 to 6	1 to 6
Pick ups, small	89 to 95	TOY 3	X174	8	4	1 to 8	1 to 8
	68 to 88	TOY 4	X137	6	4	1 to 6	1 to 6
Paseo	92 to 98	TOY 1	X212	8	7	1 to 8	1 to 8
Previa	91 to 97	TOY 1	X212	8	7	1 to 8	1 to 8
Prius	04 to 09	TOY 5	X217	10	4	3 to 10	1 to 10
	01 to 03	TOY 2	X217	8	4	1 to 8	1 to 8

<b>Model</b>	<b>year</b>	<b>determinator</b>	<b>key blank</b>	<b>spaces</b>	<b>depths</b>	<b>door</b>	<b>ignition</b>
RAV 4	03 and up	TOY 5	X217	10	4	3 to 10	1 to 10
Sequoia	03 and up	TOY 5	X217	10	4	3 to 10	1 to 10
	98 to 03	TOY 2	X217	8	4	1 to 8	1 to 8
	91 to 97	TOY 3	X174	8	4	1 to 8	1 to 8
	73 to 90	TOY 4	X137	6	4	1 to 6	1 to 6
Sienna	04 and up	TOY 5	X217	10	4	3 to 10	1 to 10
	98 to 03	TOY 2	X217	8	4	1 to 8	1 to 8
Solara	92 and up	TOY 2	X217	8	4	1 to 8	1 to 8
Supra	90 to 96	TOY 3	X174	8	4	1 to 8	1 to 8
	85 to 89	TOY 4	X137	6	4	1 to 6	1 to 6
T100	92 to 98	TOY 2	X217	8	4	1 to 8	1 to 8
Tacoma	04 and up	TOY 5	X217	10	4	3 to 10	1 to 10
	95 to 03	TOY 2	X217	8	4	1 to 8	1 to 8
Tercel liftback	88 to 98	TOY 1	X212	8	7	1 to 8	1 to 8
	80 to 87	TOY 4	X137	6	4	1 to 6	1 to 6
Tercel sedan/station wagon	80 to 90	TOY 4	X137	6	4	1 to 6	1 to 6
Tundra	04 and up	TOY 5	X217	10	4	3 to 10	1 to 10
	95 to 03	TOY 2	X217	8	4	1 to 8	1 to 8
4 Runner	03 and up	TOY 5	X217	10	4	3 to 10	1 to 10
	96 to 02	TOY 2	X217	8	4	1 to 8	1 to 8
	90 to 95	TOY 3	X174	8	4	1 to 8	1 to 8
Yaris	06 and up	TOY 5	X217	10	5	3 to 10	1 to 8

# Subaru

## Subaru

<b>Model</b>	<b>year</b>	<b>determinator</b>	<b>key blank</b>	<b>spaces</b>	<b>depths</b>	<b>door</b>	<b>ignition</b>
Baja	00 and up	NIS 2	X251	10	4	3 to 10	1 to 10
	90 to 99	NIS 1	X210	8	4	1 to 8	1 to 8
DL	85 to 95	NIS 1	X210	8	4	1 to 8	1 to 8
Forester	98 and up	NIS 2	X251	10	4	3 to 10	1 to 10
GL	85 to 95	NIS 1	X210	8	4	1 to 8	1 to 8
Impreza	93 and 07	NIS 1	X210	8	4	1 to 8	1 to 8
Justy	85 to 95	NIS 1	X210	8	4	1 to 8	1 to 8
Legacy	00 and up	NIS 2	X251	10	4	3 to 10	1 to 10
	90 to 99	NIS 1	X210	8	4	1 to 8	1 to 8
Loyale	85 to 95	NIS 1	X210	8	4	1 to 8	1 to 8
Outback	98 and up	NIS 2	X251	10	4	3 to 10	1 to 10
SVX	85 to 95	NIS 1	X210	8	4	1 to 8	1 to 8
Tribeca	08 and up	NIS 2	X251	10	4	3 to 10	1 to 10
XT	85 to 95	NIS 1	X210	8	4	1 to 8	1 to 8

# Suzuki

## Suzuki

Model	year	determinator	key blank	spaces	depths	door	ignition
Aero	03 and up	TOY 5 * space numbers may be off a little	X217	10	4	3 to 10	1 to 10
Esteem	95 and up	JAP 1	X176	8	4	1 to 8	1 to 8
Forenza	04 and up	DAE 1	X176	8	4	1 to 8	1 to 8
Grand Vitara	98 and up	JAP 2	X186	8	5	1 to 8	1 to 8
Samuri	86 to 95	MIT 2	X121	6	4	1 to 6	1 to 6
Sidekick	89 to 98	JAP 2	X186	8	5	1 to 8	1 to 8
Sport	89 to 98	JAP 2	X186	8	5	1 to 8	1 to 8
Swift	99 and up	JAP 2	X186	8	5	1 to 8	1 to 8
	89 to 98	JAP 1	X176	8	4	1 to 8	1 to 8
Verona	04 and up	DAE 1	X176	8	4	1 to 8	1 to 8
XL7 may be either keyway	07 and up	GM 67	B106	10	5	3 to 10	1 to 8
	00 to 06	JAP 2	X186	8	5	1 to 8	1 to 8
		TOY 2	X217	8	4	1 to 8	1 to 8
	98 and 99	JAP 2	X186	8	5	1 to 8	1 to 8
X90	96 to 98	JAP 2	X186	8	5	1 to 8	1 to 8

# Volvo

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## Volvo

<b>Model</b>	<b>year</b>	<b>determinator</b>	<b>key blank</b>	<b>spaces</b>	<b>depths</b>	<b>door</b>	<b>ignition</b>
240 DL/GL	78 to 93	VOL 1	X80/X140	10	4	1 to 9	1 to 10
740	85 to 92	VOL 1	X80/X140	10	4	1 to 9	1 to 10
760	84 to 91	VOL 1	X80/X140	10	4	1 to 9	1 to 10
780	84 to 91	VOL 1	X80/X140	10	4	1 to 9	1 to 10
940	91 to 95	VOL 1	X80/X140	10	4	1 to 9	1 to 10

## APPENDIX A – TUMBLER PLACEMENT

<b>Determinator</b>	<b>Top spaces</b>	<b>Bottom spaces</b>	<b>Key blank</b>
BMW1	even	odd	X144
CHR1	odd	even	Y154/Y157
CHR2	even	odd	Y159
DAE1	even	odd	TR40/X176
FOR1	none	ALL	H54
FOR2	even	odd	H75
FOR3	odd	even	H75
FOR4	even	odd	H75
FOR5	odd	even	H70
FOR6	odd	even	H75
GM1	odd	even	B86
GM2	even	odd	B68
GM3	even	odd	B86
GM4	none	ALL	B86
GM5			B61
GM67	even	odd	B106
GM8	even	odd	B110
GM9	clutch	clutch	B106
GM10	clutch	clutch	B106
GM11	even	odd	B106
GM12	even	odd	B86
HON1	varies	varies	X181
HON2	odd	top	X214
HYU1	even	odd	X236
HYU2	even	odd	X235
HYU3	even	odd	X232
HYU4		ALL	X196

<b>Determinator</b>	<b>Top spaces</b>	<b>Bottom spaces</b>	<b>Key blank</b>
HYU5	clutch	clutch	HY15
HYU6	clutch	clutch	HY17
HYU7	even	odd	HY17
JAP1	odd	even	X176
JAP2	varies	varies	X224
KIA1	varies		KK1/KK3
KIA2	even	odd	KK5
KIA3	even		HY15
MAZ1	all		X131
MAZ2	even	odd	X131
MER1			X83
MER2	sideways	sideways	MB17
MIT1	even	odd	X263
MIT2		all	X121
NIS1	odd	even	X210
NIS2	even	odd	X237
SAT1	odd	even	B88
SAT2	odd	even	B86
SAT3	even	odd	B106
TOY1	even	odd	TR39
TOY2	even	odd	TR47
TOY3	odd	even	TR40
TOY4		ALL	TR33
TOY5	even	odd	TR47
VOL1	varies	varies	X140
VW1	varies	varies	X88