

DETERMINATOR™

CHR 1

The CHR 1 **DETERMINATOR™** set works on all Chrysler products using the double-sided key. When used properly you will be able to generate a key for a vehicle in just a few moments.

There are two tools in the CHR 1 **DETERMINATOR™** set.

The tool stamped **12345** works on 1990-1992 models using the Y154 key blank.

The tool stamped **34567** on the milled side, works on 1993-1995 models with door spaces 3-7 and 94 Neon trunk spaces 3-7.

The tool stamped **1234567** on the unmilled side, works on 1995 and later models with door spaces 1-7.

THE TOOL

The **DETERMINATOR™** is a decoding tool and a tumbler release tool.

The **DETERMINATOR™** works by trapping the 3 and 4 depth tumblers. It will pass the 1 and 2 depth tumblers.

The **DETERMINATOR™** has numbers stamped on the side of the blade. These numbers correspond to the tumbler space locations. When the **DETERMINATOR™** traps a tumbler, take note of the number closest to the face of the lock. That is the space being determined as a 3 or 4 depth cut. You will then use the release tool to raise the trapped tumbler. Slide the release tool along the slot milled in the side of the tool, sloped end first. You will feel it raise the tumbler, slowly pull the **DETERMINATOR™** out a little to the next space and remove the release tool.

When the **DETERMINATOR™** traps a tumbler you know that it is a 3 or a 4 depth tumbler. Spaces that pass you will know are a 1 or a 2 depth tumbler. You can make your cuts as 1 ½ depths and 3 ½ depths and use it as a try-out key, **OR** you may want to make your cuts as 1 depths and 3 depths and then impression down from there. You should try both ways and see what works best for you.



The CHR 1 Determinator™ uses the regular release tool.

STEPS

NOTE: 89-92 use tool stamped 1-5

93-95 use space numbers stamped on the milled side of the tool (3 through 7)

96 up use space numbers stamped on the unmilled side of the tool (1 through 7)

94 Neon use space numbers stamped on the milled side of the tool (3 through 7) in the trunk.

1. Degrease the passenger door lock with a quick drying spray and run a key blank in and out a few times.
2. Insert the **DETERMINATOR™** fully into the door lock.
3. Slowly pull the **DETERMINATOR™** out of the lock with a slight left and right motion.
4. When the **DETERMINATOR™** traps a tumbler, take note of the space, and record it as a 3 depth (or a 3 ½ depth.)
5. Use the release tool and proceed to the next space.
6. Decode BOTH sides of the door lock. Record only the spaces that get trapped.
7. When you are done decoding BOTH sides of the lock, then ANY space that DID NOT trap you will make as a 1 depth (or a 1 ½.)
8. Cut a key, insert it into the lock and turn. You may want to use your impressing pliers for a little more torque. Use your locksmithing judgement on how far to turn the key.
9. Look for impression marks. If a space that had a 1 (or a 1 ½) depth marks make it a 2 depth. If a space that had a 3 (or a 3 ½) depth marks make it a 4 depth.
10. Adjust your cuts as necessary. You will now have working key for the door lock.

At this point, depending on the year and model of the vehicle, you may have to impression/progress other spaces in the ignition and/or trunk lock. Refer to the charts on the next page for remaining tumbler placements.

CHRYSLER TUMBLER PLACEMENT CHARTS

1990-1992 use the tool stamped "1 2 3 4 5". Use Y154.

Space	1	2	3	4	5	6	7
Ignition	X	X	X	X	X	X	
Door	X	X	X	X	X		
Trunk		X	X	X	X	X	X

Use the **DETERMINATOR™** in the door, then progress space 6 from the ignition, then progress space 7 from the trunk.

1993-1995 models use the tool stamped "3 4 5 6 7". **94 NEON SEE NEXT CHART**

1993 use Y155, 1994 and up use Y157.

Space	1	2	3	4	5	6	7
Ignition	X	X	X	X	X	X	X
Door /trunk			X	X	X	X	X

Use the **DETERMINATOR™** in the door, then progress or impression spaces 1&2 from the ignition.

1994 NEON use the tool stamped "3 4 5 6 7".

1994 Neon use Y157.

Space	1	2	3	4	5	6	7
Ignition	X	X	X	X	X	X	X
Door		X	X	X	X	X	X
Trunk			X	X	X	X	X

Use the **DETERMINATOR™** in the trunk to get spaces 3-7, then progress space 2 from the door, then progress space 1 from the ignition.

1995-1997 models use the tool stamped "1 2 3 4 5 6 7".

Use Y157.

Space	1	2	3	4	5	6	7
All locks	X	X	X	X	X	X	X

Use the **DETERMINATOR™** in the door lock.

1998 & up models use the tool stamped "1 2 3 4 5 6 7". Simply add "1" to the space you see.

Use Y157 or Y159

Space	1	2	3	4	5	6	7	8
Ignition	X	X	X	X	X	X	X	X
Door/trunk		X	X	X	X	X	X	X

Use the **DETERMINATOR™** in the door lock. The door spaces 2-8 are the same spaces 1-7 used on previous models. Simply add "1" to the space you see. The number 1 space, in the ignition, is .092" closer to the head of the key. Decode the door and progress space 1 from the ignition.

1 space progression chart

1
2
3
4

2 space progression chart

1 1	2 1	3 1
1 2	2 2	3 3
1 3	3 2	
2 3	4 2	
2 4	4 3	
3 4		
4 4		

FRAMON CUTTING INFORMATION

DETERMINATOR	CUTS START	CUT TO CUT	DEPTHS			
CHR 1	.144	.092	1=.340	2=.315	3=.290	4=.265
Codes F & G (use Ford 5 clip)			1½=.326	2½=.301	3½=.276	
Codes J & L (use Ford 5 clip)	.052	.092				

HPC CARD X59 Codes series F, G 001-1394
 X60 Codes series J, L 001-3580