

DETERMINATOR™ HON 1

The HON 1 **DETERMINATOR™** set works on all Honda products using the 3 depth system. Key blanks used are the X181/X183 (HD90/HD92) or similar key blanks. The code series is 3001-4481. When used properly you will be able to generate a key for a vehicle in just a few moments.

There is one tool in the HON 1 **DETERMINATOR™** set.

The **DETERMINATOR™** will trap the 3 depth tumblers and pass the 1 and 2 depth tumblers. As you decode the lock record a "3" in each space that the **DETERMINATOR™** traps. Any space that passes you will record a 1 (or 1 ½).

THE TOOL

The **DETERMINATOR™** is a decoding tool and a tumbler release tool. There are numbers stamped on one side of the tool. These numbers correspond to the tumbler space locations. When the tool is inserted into the lock, the number closest to the face of the lock indicates the space which is being determined.

When the **DETERMINATOR™** traps a tumbler you will use the spring steel release tool to raise the tumbler and withdraw the **DETERMINATOR™** to the next tumbler location. Slide the release tool along the slot 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.



The HON 1 Determinator™ uses the regular release tool.

STEPS:

NOTE: On most models, spaces 1, 2, 5, and 6 are on one side of the lock, spaces 3 and 4 are on the other side.

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" on your chart.
5. Use the release tool and proceed to the next space.
6. Record only the "3" cuts. When you are done decoding BOTH sides of the lock, then ANY space that DID NOT trap you will make as 1 ½ depth.
7. Cut a key and 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.
8. Look for impression marks in your 1 (or 1 ½) spaces. If you see a mark lower it to a 2 depth. 1 (or 1 ½) spaces that do not mark will be recut as 1 depths. Cut a new key with the exact depths.
9. You will now have a working key for the door lock. Use the following chart to progress the remaining 2 spaces in the ignition. The ignition contains spaces 1-8. You will progress spaces 7 and 8 **OR** you can impression spaces 7 and 8 from the ignition.

Two Space Progression Chart For spaces 7 and 8

1 1	2 1	3 1
1 2	2 2	
1 3	3 2	
2 3		
3 3		

FRAMON CUTTING INFORMATION

DETERMINATOR	CUTS START	CUT TO CUT	DEPTHS		
HON 1	.098	.098	1=.276	2=.244	3=.213
			1½=.260	2½=.228	

HPC CARD - XF73