Harloc Knobset

The Harloc is a strange critter, using the Ilco 1014C key-blank, you may substitute a KW1 and get it to work but it is best to use the proper key-blank. In this article we will discuss the differences between a Harloc and a Kwikset.

First lets look at the exterior Knobset here is both a Kwikset and a Harloc knob notice the fancy trim around the edges at a glance you may be confused which is which. I will give it away; the Harloc faceplate curves inward where the Kwikset faceplate curves outward. And the Kwikset uses a brass scalp on the plug of the cylinder where the Harloc is a solid plug milled out of brass or pot metal.

Here we have the inside view of the same locksets. Notice the size and shape of the thumb turns also the curvature of the inside parts of the knobs (they match the exterior).

If you can’t tell from the face of the door you can always cheat and look at the door edge and read the latch both Harloc and Kwikset print their name on the latch.

Here we have a Harloc in a plastic display tube.
Outside View of the Knobset

Inside view of knob notice the T-shaped slot, this retains the interior Knobset

Depress the tab to remove the inside Knobset. Remember this is not a spring-loaded retainer but a steel tab that can be bent out of shape or broken.

Slide off inside knob

Find the flat slot on the rose and pry out to remove the rose, to access the screws.

Rose pried loose
With the knob and rose removed loosen the screws (you don’t have to remove them)

With the screws loosened turn the mounting plate to remove

Notice the latch and how it interlocks with the outside knob handle

Remove the latch, notice the lock is “handed”, to hand the lock with the lock off the door just turn the knob over to the make the keyway in the proper position (blade up).

If you have a key, insert the key and pull up on the spindle.

You only have to pull up about ¼ inch and turn the key Counter-clockwise about to
The 10:00 position (very similar to Weiser locksets) then pull gently out on the key to remove the cylinder.

If you Don’t Have a key and you can’t pick the lock to the 10:00 position. Here is another way to make a key. Remove the snap ring.

Inspect the knob assembly (notice I have not cleaned this lock)

Here the lock is wiped off notice the indents in the brass casing, notice the tabs on the smaller part of the shank.

Use a socket that fits over the spindle but inside the brass casing then “drive” the pot metal casing out of the brass casing.

Set the parts to the side for reassembly
This is a view of the workings of the pot-metal locking mechanism. With the timing washer removed notice the slot on the driver.

End view of locking mechanism (notice only 1 part of the casting is shown, with both together you would not be able to see the inner workings.

Here is the casting together. With the cylinder in hand you can make a working key (shim open the lock to get the depth & spacing) Rekey or service as necessary. Reassemble the lock casting and use a center punch to reset the detents on the brass knob casing. Pull on the spindle to insert the working cylinder (same as you would a Weiser lock).

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