

# Ez-Set Knobsets

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**This time we will cover a very common lockset (Ez-Set). These are a Grade 3 lockset that are used on most trailers and many housing developments. You do not need a key to remove the exterior Knobset but, the lock does need to be unlocked. Either by picking or by unlocking the inside turn button.**

Depths	Pins	M Pin	Spaces	Flat	Key Blanks
1. .329	.172	.023	.247	.79	Ilco 1176 / 1063kw / 1063kw-br
2. .305	.195	.046	.397		Star 5KW1
3. .282	.218	.069	.547		Taylor 54KS
4. .259	.241	.092	.697		Curtis KW-4
5. .237	.264	.115	.847		Axxess66
6. .213	.287	.138			EZ KW1
7. .191	.310				Original – N/A

**Side note:** These locksets are Imported, I have found more than 7 depths and irregular spacing and pinning (looked like they cut a key then filed the pins to fit)

## Ez-Set Knobset



Standard Ez-set mounted on a clear display tube



To remove the exterior knob: unlock the door and turn the knob, the outside rose has a small hole (drain type) on either the top or bottom depending on how it was mounted. Looking thru the hole you will see the retainer as you rotate the knob past the hole. Depress the retainer and the knob will slide off. (You do not need a key to do this).



Slide the knob off the spindle (notice the poke holes in both the knob and the rose)



Inside View of the exterior spindle



Backside of Knob,

Look into the back of the knob (you will see the cylinder) be careful the cylinder can (usually does) fall out of alignment so you will have to “fish” it out of the knob. To keep this from happening (to save time), insert any key into the keyway to keep the cylinder plug orientated.



With the knob off, remove the back of the knob, be careful this can be very sharp.





With the back of the knob off slide out the cylinder.



Remove the c-clip and service the cylinder.



To remove the lockset, remove the 2 screws on the inside of the knob.



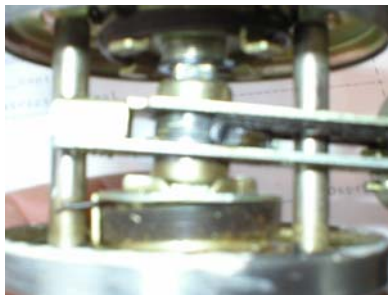
Notice the spring-loaded spindle this allows for different thickness doors.



Locking shaft (outside knob)



Next lets look at the latch this is the main problem with these locksets (I will not sell these locks because of this feature). The latch separates and locks the tenant (customer) either inside so that they may not exit the building or locks them out the only way I have found to gain entry is to remove the Knobset and then actually dismantle the latch piece by piece until you have enough removed to extract the latch bolt.



At rest you can see the two retractors as the age of the lock increases the bent over driver begins to straighten forcing the latch apart which in turn lets one of the retractors to slide past causing the failure.



Reassembly notice on this knob there is only 1 bible cutout so to install you need to make sure you put the cutout on the topside of the lockset (even if the lock was originally installed upside down) As a professional you have an image to maintain. This also allows you a chance to check the latch for wear and possible need for replacement. So you won't have the customer saying, "My lock failed right after you worked on it so you should have to replace it for nothing because, you did something to the lock!" If you can show the customer the problem ahead of time and they still want this lockset reinstalled then that is their choice.

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