

# Re: Sony laser questions

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- *From:* "Arfa Daily" <[arfa.daily@xxxxxxxxxxxx](mailto:arfa.daily@xxxxxxxxxxxx)>
  - *Date:* Thu, 22 Mar 2007 01:47:03 GMT
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<[blackevilweredragon@xxxxxxxxxx](mailto:blackevilweredragon@xxxxxxxxxx)> wrote in message  
[news:1174505565.993481.16520@xx](mailto:news:1174505565.993481.16520@xx)

On Mar 21, 1:55 pm, "Arfa Daily" <[arfa.da...@xxxxxxxxxxxx](mailto:arfa.da...@xxxxxxxxxxxx)> wrote:

A burnt CD is nothing like as reflective as a pressed CD, so any laser low-output issues, will be exacerbated with a home burn over a commercial pressing. Actually, '240s are particularly bad for not liking anything other than genuine pressed discs, and need to be in really good condition to play them successfully

Arfa

Ok. What compatible replacement laser assembly do you recommend? Being it's in a tray loading Sega CD, does it have to be an EXACT match? (will the Sega CD even know if the drive is changed?) Also, what replacement will accept a CD-R, the best?

It has to be replaced with a KSS240A, and I would recommend a genuine Sony one, if you can find a supplier. Do not use one of the subs such as the NKS240A. I have never had much luck with them. If you find a website selling lasers, you will often find two prices quoted. The cheaper one is usually for a second-source replacement, and the slightly more expensive price is for a genuine Sony original, which may be actually declared as such. I would recommend going for the Sony original in the case of a KSS240, as they are fussy lasers at the best of times. For products which use the KSS213B or KSS213C, cheap second source replacements are usually fine. For KSS213D, E, or F, again I tend to use genuine originals. If your unit is going to be working a lot with home-burn discs, I would definitely go for a genuine Sony replacement. No alignment should be necessary after replacement. As you say, it shouldn't even 'know' that the laser has been replaced. There is not even a shorting blob to remove on a '240. You can just drop the new one right in. I would however recommend that you wear a wrist strap connected to an anti static mat to do the job on, as laser diodes are quite sensitive to static

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discharge, when their connections are open, as they are on the '240 until it's plugged in.

Arfa

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