

****All electrical repairs are done at your own risk. Unplug everything before attempting any repair.****

It's common for these old Singer sewing machine lights to require repair or replacement. As a result, I've rewired and repaired quite a few them. This entry is going to focus on the fixtures commonly found on the Singer 15-91, 15-90, along with other 15's, Singer 206, 306, 66 and probably a few others. See the photo below for an example of the type of fixtures addressed in this entry.



The first type shown is the most difficult of the two to open up and rewire and they often have worn contact springs. The only source I know of for replacement contacts is from another old fixture. To open this first type, you have to spread apart the three metal compression rings. It's a bear to do, but not nearly as big of a pain as getting it back together. My best advice is to curse softly so as to not offend the neighbors. Also, keep band aids handy.

The second type is much easier to open up - just screws and such.



However, both types require you to de-solder the wires from the inside contact/connection points and solder new wires directly to the contacts. If you're into that sort of thing and the contact springs aren't fatigued (first type), then have at it.

Both of these types of fixtures attach to the machine by way of a screw behind the round, silver plate, and a BRAND NEW light fixture is available to replace them.

The new lights look great on the machines.

The down side is that the factory makes them with a 2 foot cord with a wall plug on the end. So, directly from the factory, they aren't "plug and play" on the electric machines like the 15-91. Modification is required.

However, I make them available through Shop.Sew-Classic.com with color coded connectors right on them. Even for people that aren't comfortable stripping wires, soldering or making proper crimped connections, etc.. repairing the light fixture has never been easier!



Brand NEW light fixture installed on a 15-91

Here is how the light comes from the factory. The cord is about 24 inches long, and you can see the wall plug on the end. I have them available in this configuration as well.



Here is one that has been made "plug & play" ready by Sew-Classic (me).

The wires have been made the correct length. To make things easy, color coded electrical eyelet connectors are carefully and securely attached. These are not too big and bulky and fit behind the terminal body on the machine without any problems. - Quick, easy, painless- a NEW light fixture for your treasured machine!



It's so easy to connect this light fixture.

First, remove the round silver plate on the back of the machine. Unscrew the old fixture. Using the existing screw, fasten the new fixture into place.

To connect the wires, remove the one screw that holds the terminal body in place.



This will allow you to access the back side. (see photo on the right)

This next step is just like paint by numbers! Remove the knurled thumb nuts on post number 1 (yellow) and post number 3 (red). The connector with the red collar goes on the # 3 post with the red dot, and the connector with the yellow collar goes on the # 1 post with the yellow dot. Put the thumb nuts back in place and reassemble everything. How easy- just Plug & Play!



Click Thumbnail to see these light fixtures at the Sew-Classic on-line Store