

Checking the Siren Lamp Operation

RSD-SUNMAX Series

SUNMAX LASER

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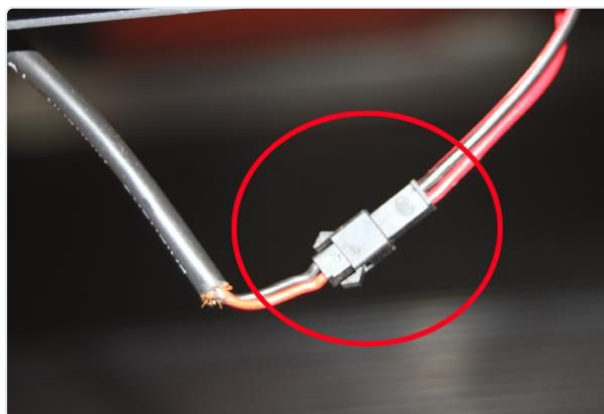
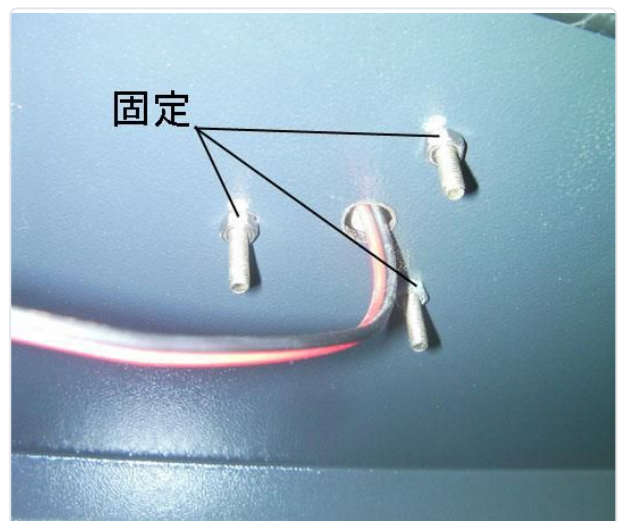
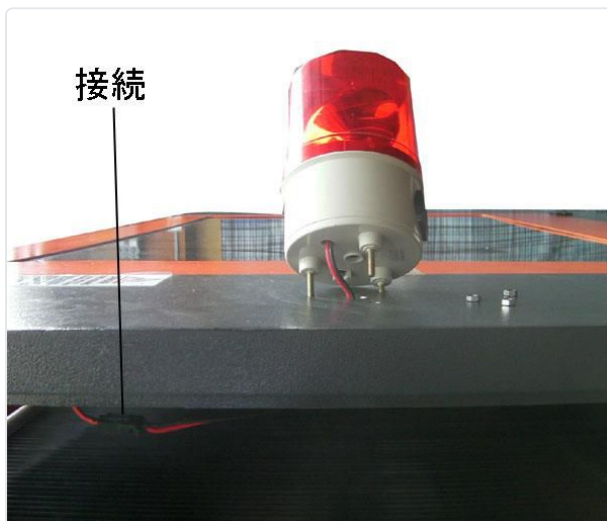
How to Check the Siren Lamp Operation

This technical document explains how to check the operation of the siren lamp on the RSD-SUNMAX-RD series.

On the RSD-SUNMAX-RD series, the fire alarm sensor detects abnormal heat caused by a fire or similar event. The siren lamp then flashes for approximately 1 minute while sounding an alarm.

When checking the operation during an annual inspection or similar maintenance, follow the procedure below.

1. First, confirm that the siren lamp is properly installed as described in the Setup Guide. (Make sure the connector is connected.)

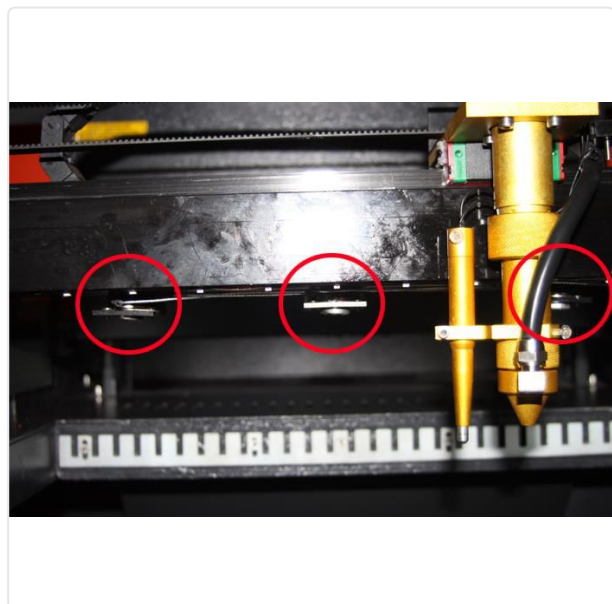
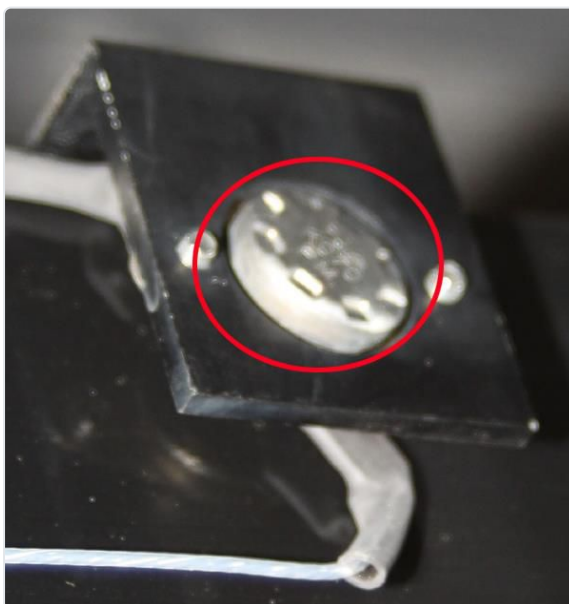
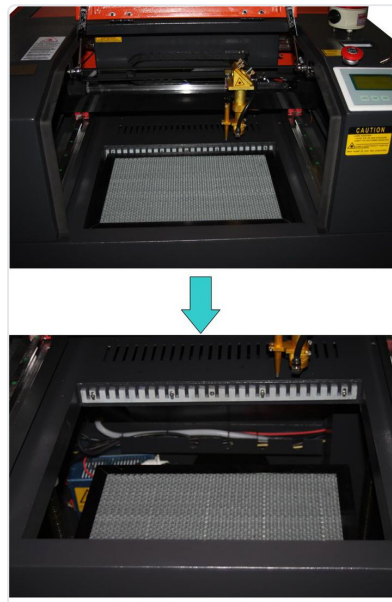


2. Turn on the power.

Insert the key into the keyhole to the right of the switch and turn it to the right.
Then turn the switch to the right.

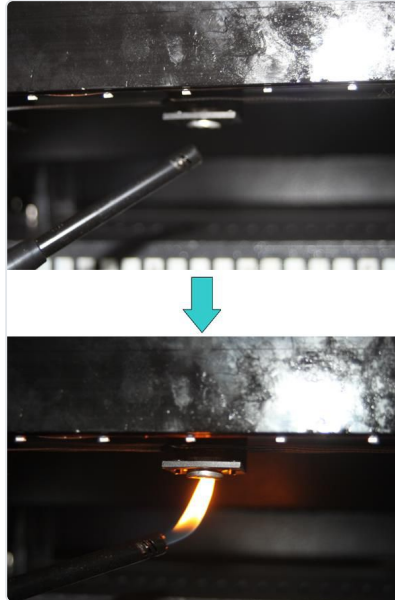


3. Open the upper front door and lower the Z-axis so that the check can be performed easily.



There are several fire sensors at the locations shown in the image above; use one of them for this check.

4. Bring an ignition source (a utility lighter or a regular lighter) close to the fire alarm sensor.
Make sure the flame will reach the fire alarm sensor.
Once it is positioned correctly, ignite it.



5. After applying the flame for about 5 to 10 seconds, the fire alarm sensor detects the heat and the siren lamp lights up while sounding an alarm.



If the siren lamp does not operate even after applying the flame for 15 seconds or longer, the following causes are possible:

1. The siren lamp connector is not connected correctly.
In that case, refer to the Setup Guide and install the siren lamp properly.
2. The machine is not powered on.
The siren lamp does not operate unless the machine is powered on.

3. The flame is not reaching the fire alarm sensor correctly.

Apply the flame precisely to the center of the silver spherical part.

Note: If the problem is not resolved by the methods above, the unit may be defective. Please contact your dealer promptly.