

Adjusting the Autofocus Switch Contact Position

RSD-SUNMAX Series
SUNMAX LASER

About this document: This is an English translation of the Japanese original prepared by SUNMAX LASER for reference purposes. In case of any discrepancy, the Japanese original shall prevail. Specifications are subject to change without notice.

Adjusting the Autofocus Switch Contact Position

If autofocus is always ON and the Z axis does not rise, the contact position may be out of alignment. This document explains what to do when the contact position has shifted.

Note: If the autofocus switch itself is damaged, adjustment will not fix the problem. Try this adjustment once; if there is no improvement, the autofocus switch is the likely cause.

Adjustment Procedure

1. Loosen the sensor mounting screw on the autofocus rod.



2. Raise the sensor at the upper end of the autofocus rod slightly.

There are two sensor types: a round-rod type and a screw type. They cannot be told apart by appearance, so first pull the lead wire up lightly. If it does not move, it is the screw type; in that case, rotate the sensor to raise it.

If it does not lift when pulled, it is the screw type.

For the screw type, pinch the lead wire and turn the autofocus rod itself. Viewed from above, turning it clockwise raises the sensor.



If autofocus is always ON, secure the sensor in the raised position. Normally, securing it after raising it by about 0.5 to 2 mm is sufficient.

Caution: If you raise it too far, autofocus will then stay OFF instead. Take care not to raise it excessively.



