

# MATTERS NEEDING ATTENTION IN LASER CUTTING MACHINE MAINTENANCE FOCUSING LENS

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What, the focusing lens of the [laser cutting machine](#) still needs maintenance? Shouldn't it just be replaced if it's dirty? Well, local tyrants, please ignore this article. Although the focusing lens of the laser cutting machine is not a sophisticated high-tech product, it affects the whole body, and its cleanliness will directly affect the processing performance and quality of the laser cutting machine. Therefore, it is very necessary to maintain the focusing lens regularly, which can not only improve the performance of the equipment, but also reduce the number of lens replacements and save costs.

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The correct operation process for maintaining the laser cutting machine focusing lens:

1. Take out the focusing lens from the frame: loosen the fastening screws, and remove the air nozzle and lens barrel in turn; first use a blower to blow off the dust on the surface of the lens;
2. If you really need to clean the lens, you can only use a laboratory-grade soft cotton ball, dipped in an appropriate amount of acetone or high-concentration alcohol, and gently rotate clockwise from the center of the lens to the edge. When necessary, both sides of the lens need to be cleaned, and care should be taken when scrubbing;
3. Install the lens barrel and air nozzle, adjust the focal length, and tighten the fastening screws. When installing the focusing lens, please keep the convex side down.