

STEPS TO CORRECTLY REPLACE THE PROTECTIVE LENS OF THE LASER CUTTING MACHINE

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ENGRAVING/CUTTING MACHINE**

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The protective lens is an important precision component in the optical path system of the [laser cutting machine](#), and its cleanliness has a great influence on the processing performance and quality of the laser cutting machine. So, how to properly replace the protective lenses that have been used? Items to be prepared: dust-free cloth, absolute alcohol with a concentration of 98% or more, dust-free cloth swabs, masking paper, new protective lenses, hexagon wrench, protective lens locking tooling Replacement steps:

1. Moisten the dust-free cloth with alcohol (cover the cap of the alcohol bottle in time to avoid accidentally knocking over), and gently wipe the surroundings of the protective lens with a dust-free cloth. The purpose of this process is to prevent dust from entering the cavity during disassembly.
2. Disassembly Use a hexagonal wrench to remove the hexagonal screws, then gently pull out the protective lens insert, and seal the cavity with masking paper to prevent dust from entering. Insert the protective lens locking tool into the hole on the back of the protective lens card, rotate counterclockwise to remove the protective lens, and then insert the block to pour the lens on a dust-free cloth.
3. Cleaning Gently wipe the inside of the protective lens insert with a dust-free cloth to clean it.
4. Take out a new protective lens, tear off the protective paper on one side, then gently cover the protective lens insert on the protective lens, turn it over, and then tear off the protective paper on the other side of the lens, and then install the pressing piece, lock Tighten the ring, use the protective lens locking tool to lock the insert clockwise.
5. Install Tear off the masking paper, gently insert the protective lens insert into the cavity, and lock the hexagonal screws.