



Mechanical Field Service

PURPOSE: To recover laser power, lost through normal mechanical detuning. Electronic Service Procedure should be performed prior to this procedure.

TOOLS REQUIRED:

- Flat head screwdriver
- 1/8" allen driver
- Laser power meter

NOTE: If significant power recovery cannot be achieved using this procedure, please contact DPSS Lasers Inc. for additional service instructions.



1. Turn on laser and allow to warm up for two hours.
2. Locate small silver 1/2" hole plug on top side of laser head, toward the back end.



- 3 Remove 1/2" silver plug using flat screwdriver to expose access to mirror adjustment.
- 4 Insert 1/8" hex driver through laser head cover at approximately a 45 degree angle until it engages the drive screw for the mirror adjustment.

5. Place power meter in front of laser head and make a note of laser power.
6. Turn 1/8" hex driver clockwise or counterclockwise to maximize power. Adjustment is locked down internally for stability and may seem stiff. No more than one full turn should be required in either direction.
7. Make a note of the new power level.
8. Remove 1/8" hex driver from access hole.
9. Replace 1/2" hole plug in access hole.
10. Repeat this procedure as necessary to recover power lost to normal mechanical detuning.



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DPSS Lasers Inc. is committed to providing premium quality service.

All new laser systems come with a limited warranty. For full details, please refer to the Support page at www.DPSS-Lasers.com, or contact your local Sales and Service Representative.