













Alignment Mode

Used for performing beam alignment and to test for max power.

1. Remove the lens kit from the focus carriage by removing thumb screws.
2. Using masking tape, tape over the beam entrance hole on left side of carriage.
3. Press  then  to access the System Options Menu.
4. Scroll down to Alignment Mode, press  to select.
5. A screen will appear with defaults of 5% power and 2 KHz and Both for laser option.
6. If changes need to be made to the default settings, press  to edit, then using the arrow keys  select which setting you wish to edit. Press  to confirm.
7. Press  to return to the previous window.
8. Using the arrow keys , move the carriage to the upper left corner.
9. Press  to fire the laser, press again to stop firing the laser. Fire the laser only long enough to discolor the tape.
10. Using the arrow keys , move the carriage to the lower right corner.
11. Press  to fire the laser, press again to stop firing the laser. Fire the laser only long enough to discolor the tape.
12. Both burns should be overlapping and in the center of the tape.
13. If not, make adjustment to the #2 mirror assembly until 2nd burn covers the 1st.
14. Press  to quit. Motion will return home.