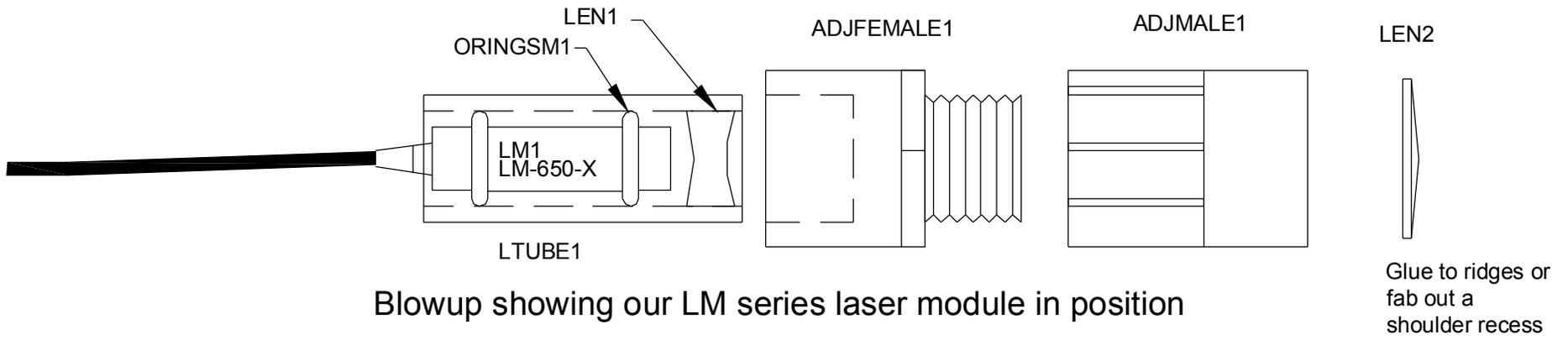


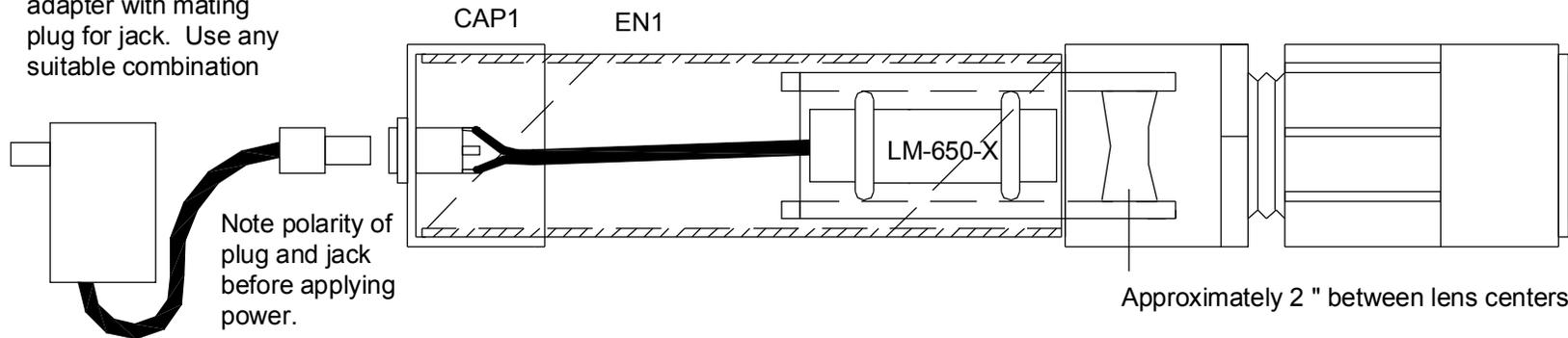
Fig 5 Assembly using our LM series laser modules - approx to scale



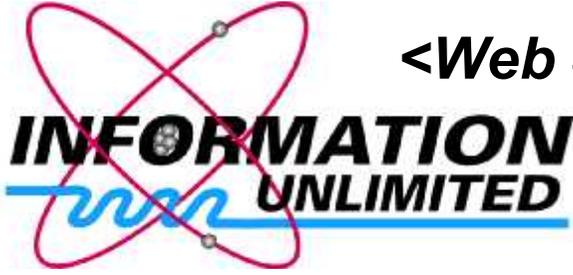
The objective is to get the proper separation distance between the two lenses to allow proper adjustment within the range of the threaded sections of the male and female pieces.

LM10 laser modules is fitted into LTUBE1 with small Orings as positioning shims. LEN1 lens is positioned as shown and may be eventually glued in once separation distance is verified.

3 volt 100 ma wall adapter with mating plug for jack. Use any suitable combination



Assembled colimator xray showing laser and lenses position



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Sales of Non Compliant Laser Modules

I am fully aware that the laser devices model numbers **LM532-P20, LAGR50, LAGR100, LM650 P10 and LM650-P30** are sold as fully functional modules requiring compliances 31CFR1040.10,11for the US and Canadian markets. These products are class iiib lasers and require the following:

A key switch with non removable key in the "on" position preventing unauthorized use.

An indication lamp or LED when ever laser radiation in being emitted.

A circuit delaying actual laser emission when power is applied

An aperture cap over the output port

Labelling consisting of a class iiib label, a certification and laser emission aperture label

Name _____ Date _____

Special Note on Laser Modules

All modules are pretested in the lab before shipping. Modules over 5 milliwatts are sealed in a static free membrane. These laser modules can easily be damaged by reversing the input power leads or over rated voltage. Exposure to mechanical shock , static electric fields and EMP will cause irrevsible damage.

If you are building a circuit and in doubt do not hook in the laser module until the circuit is verified as there are no returns if it is damaged. Modules under 5 milliwatts can safely be powered by 2 AA batteries in serie producing 3 volts.

Safety glasses are positively required on all modules over 5 milliwalls and are available through KENTEK of N.H. at 603 435 7201

Several hook up schematics and drawings are included in this package.