This invention relates to internal combustion engine timing instruments and more particularly to an attachment for a timing light.

It is an object of the present invention to provide an extension for a stroboscopic timing instrument which will simplify and minimize the time and effort usually required for an engine timing operation.

Another object of the present invention is to provide a means by which the stroboscopic instrument and the other end of wire 24 is soldered to a length of tubing 28. In operation, the mechanic grasps the hook 20 and secures it to any convenient place within the engine compartment. He then places the tubing 26 over the number 1 spark plug of which the head is received within the tubing 26. The opposite length of tubing 28 is received by the high tension wire going through the number 1 spark plug. The mechanic then connects with the clip provided, the stroboscopic timing light lead to the copper tubing 14 and thus after starting the engine he can observe the engine timing.

It will thus be recognized that the above mentioned timing light attachment serves to increase the versatility of a timing light by enabling it to be easily connected also to the V-8 automobile engines.

While various changes may be made in the detail construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claims.

What I claim as new and desire to protect by Letters Patent of the United States is:

1. A timing light extension comprising, in combination, an elongated conductor, a length of copper tubing receiving the upper end of said elongated conductor providing an electrical connection point for a stroboscopic timing light, an electrical insulation element connected at the upper end of said length of copper tubing, a hook affixed to the opposite end of said electrical insulation element for attachment to any convenient support, a T-shaped insulator received at the lower end of said elongated conductor, a small insulated conductor received by said T-shaped insulator, said elongated conductor being in electrical communication with said small insulated conductor and a pair of tubes of copper electrically secured to said small insulated conductor for electrical attachment to a spark plug and a high tension conductor, said copper tubing receiving a threaded screw, said screw being cemented within said electric insulation element, said electric insulation element providing insulation means between said hook and said screw, said hook providing suspension means for said timing light extension within the engine compartment of an automobile.

2. A combination according to claim 1 wherein the upper end of said copper tubing received by said elongated conductor is in abutment with the outer periphery of said electrical insulation element which is in the form of a ball, and said copper tubing, screw, ball and hook are in alignment with each other.