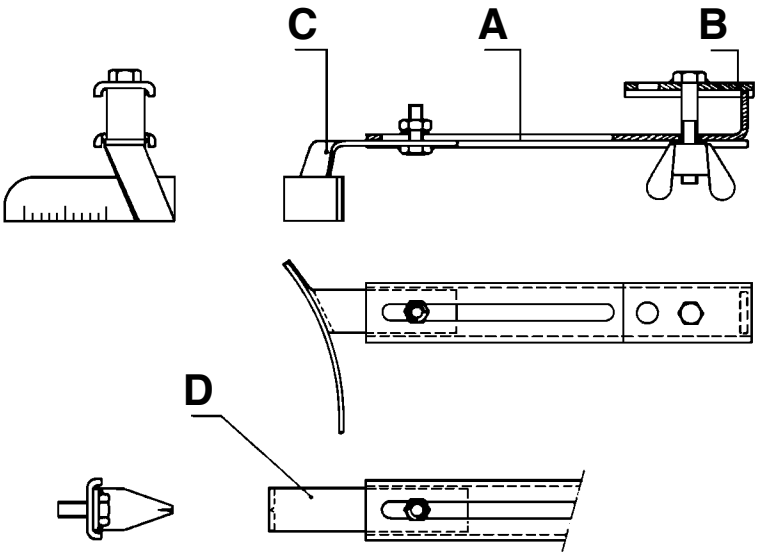
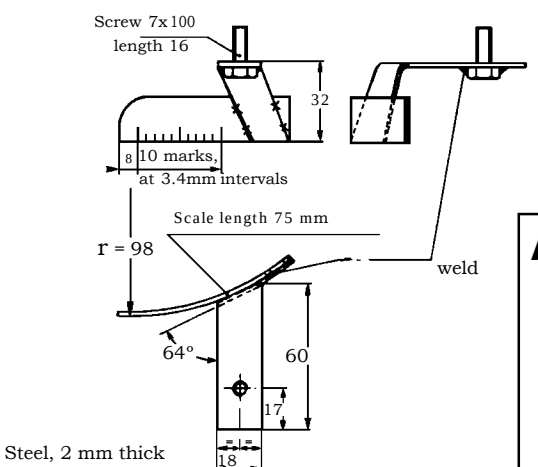
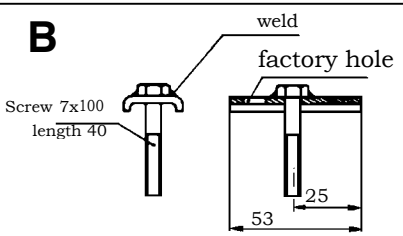
Application using timing light without phase shifter: ABC
Application using timing light with phase shifter: ABD



C Each division corresponds to 2° on the distributor

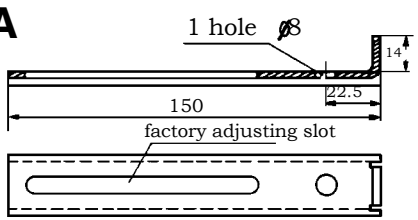


B



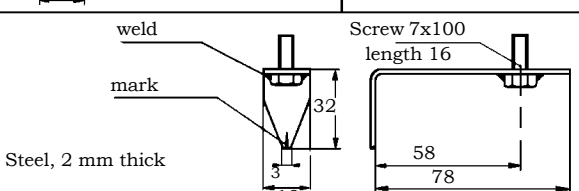
belt tensioner DX 532_32

A

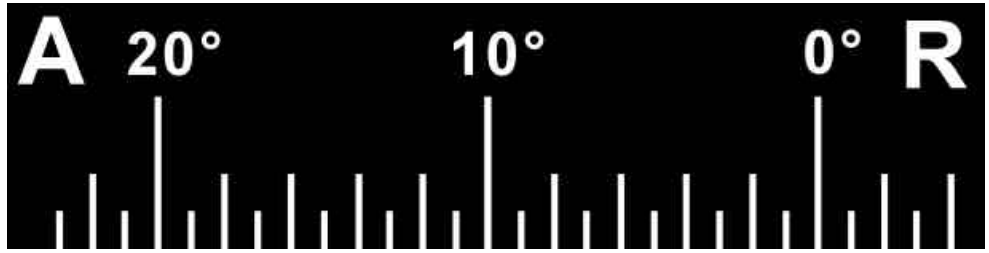


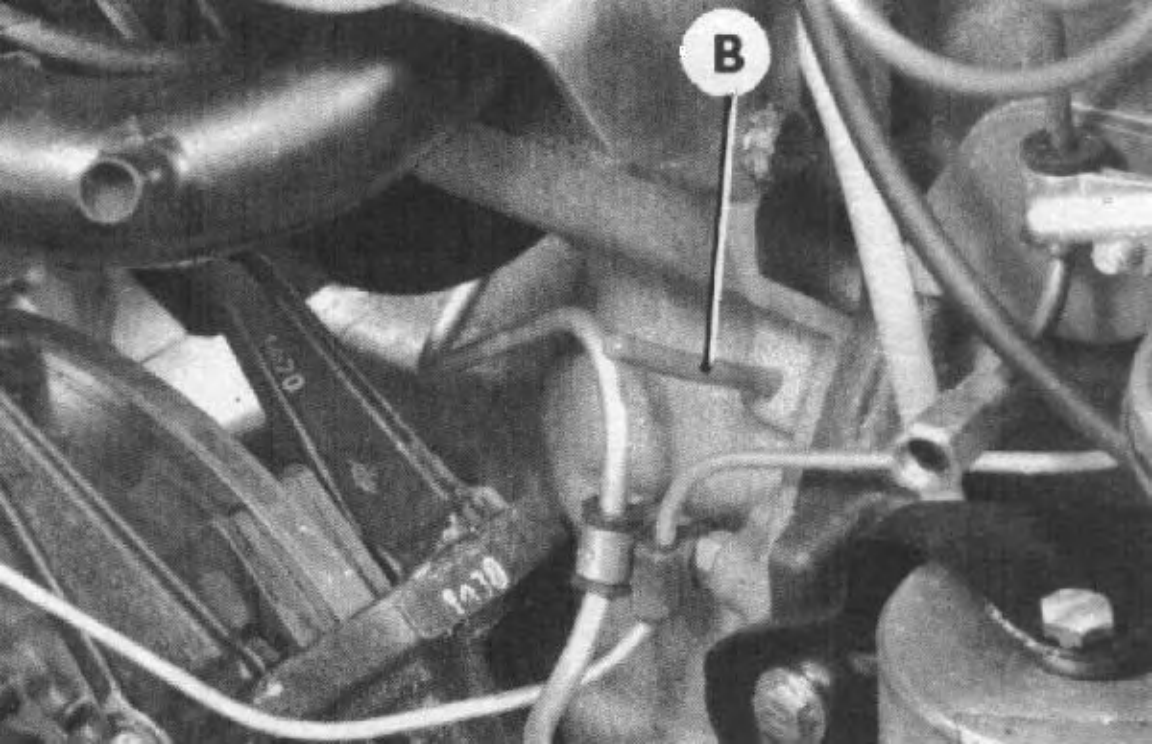
belt tensioner DX 532_32

D



Timing Scale




B

Shop-made Timing tool

(See illustration on next page)

The tool is made from a "T" bracket and a narrow piece of aluminum flat stock. 1 leg of the bracket is bent up while the ends of the other 2 are shortened slightly. The bar is cut to required length and has 2 bends in it to allow clearance and proper offset.

First the bracket is attached, then tilted to the correct angle.

Then this assembly is held against the alternator tensioner and marked from behind for drilling a hole so the face of the timing tool is just away from the pulley. A screw goes through the front of this hole, through the slot in the alternator tensioner brace, then an oversized nut for spacer, a washer, then a nut to secure all.

When satisfied with fit, make a timing scale from paper.
Marks are 1/8" apart. Each increment equals 2 degrees. Tape this to bracket.

To use tool, set engine to no. 1 TDC using pin in flywheel housing, scribe the pulley at the 0 Deg mark, remove the pin and get out your timing light!

When satisfied with results, it is advisable to remove the tool.