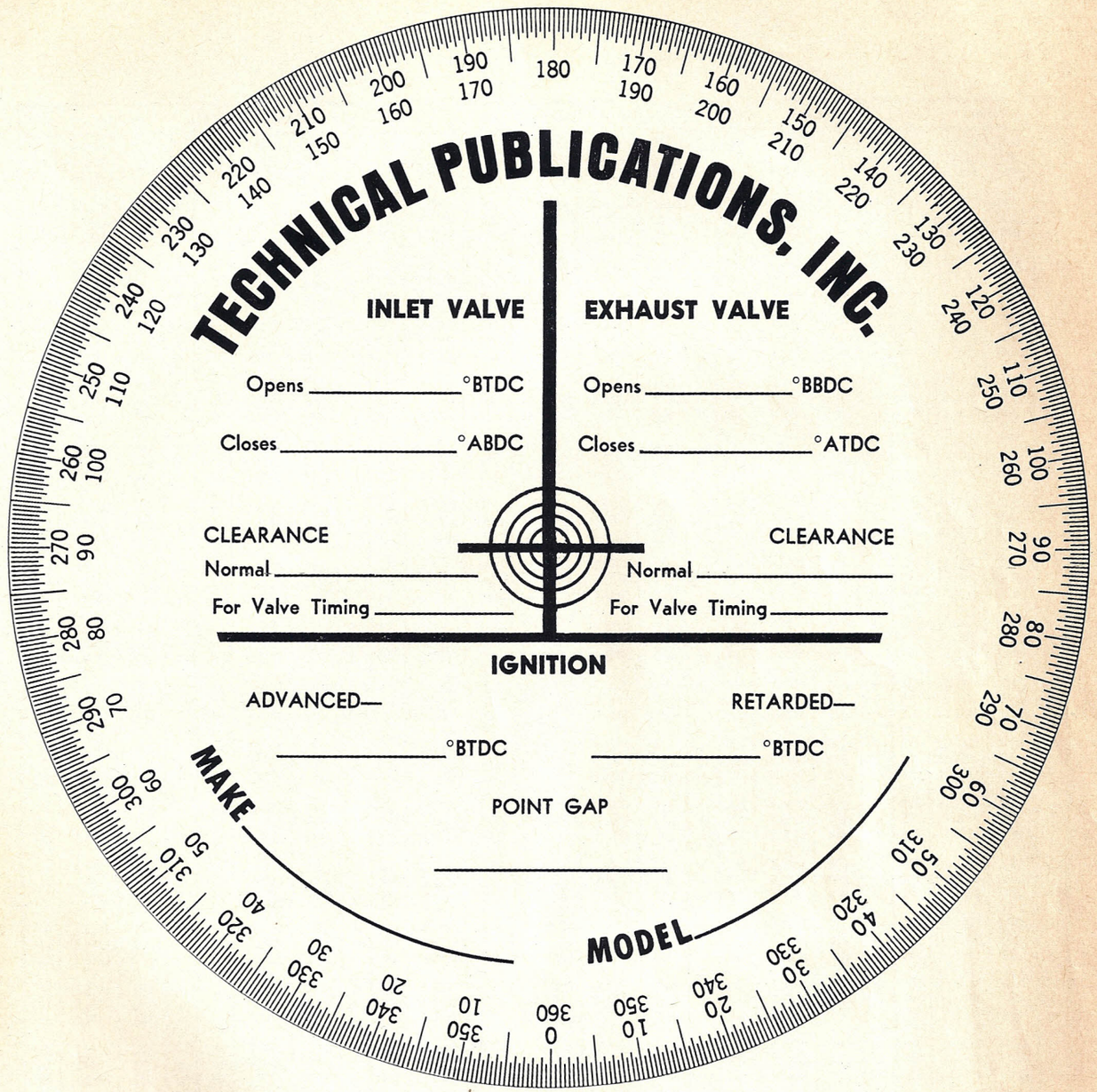


The above degree wheel should be attached to a suitable stiff backing and used to check valve and ignition timing. Center hole must be cut out and degree wheel can be attached to end of crankshaft. Attach pointer to an engine bolt and align with degree marks. If Top Dead Center is not marked, the following procedure may be used. Insert a depth gage in spark plug hole and turn crankshaft CLOCKWISE until piston just contacts the gage. Move the degree wheel (crankshaft stopped) until 0 degree mark is aligned with the pointer. Turn the crankshaft COUNTER-CLOCKWISE until the piston again contacts the depth gage. Set the crankshaft halfway between the two points (in the unused angle) which will be TDC. Adjust the degree wheel, without moving crankshaft, until 0 degree mark is aligned with pointer. Later maintenance may be facilitated by scribing mark on flywheel and crankcase to indicate TDC.