

ABSTRACT

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CAMSHAFT PRODUCTION PROCESS PT. TOYOTA MOTOR MANUFACTURING INDONESIA

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(iv + 30 + Attachments)

The camshaft is the main component of an engine that functions to regulate the duration (time) of opening and closing the valve during the work process, but actually the function of the camshaft is not only to regulate the duration of valve opening but also to open and close the valve in accordance with the FO sequence. (firing order) or the ignition timing sequence, driving the fuel pump or fuel pump that is still mechanically pressure. The purpose of scientific writing is to follow the production process of camshaft formation. where the process is carried out using a centering both and lathe machine with a rpm speed of 570, finish turning the outer diameter with a speed of 570 rpm, checking the outer diameter, and thrust, drilling and tapping using a speed of 650 rpm, drilling radial oil using a speed of 650 rpm, finish milling cam angle sensor with 1400 rpm speed, finish grinding journals with 5280 rpm speed, paper lapping journals using 5000 tool changes, final washing with the material used is FCD700.

Bibliography (1982-2017)