

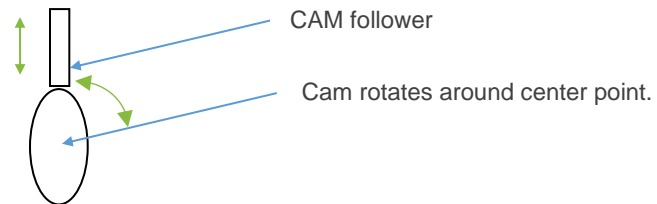
ACHIEVING RECIPROCATING MOTION

Key Revision Facts: GCSE Technology

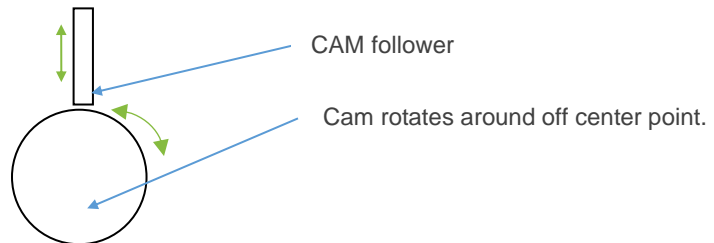
There are two main ways to Achieving Reciprocating Motion. These are:

Cam

The cam follower follows the oval-shaped edge cam.

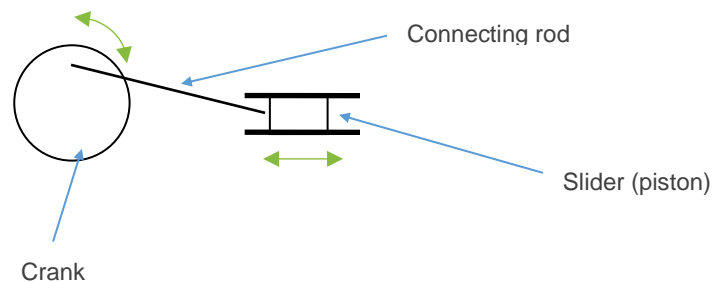


An eccentric cam is a disc with its center of rotation positioned 'off-center.' As the cam rotates, the flat follower rises and falls at a constant rate.



Crank/Slider Mechanism

The crank is connected to the slider via an off-center connecting rod. This arrangement is found in internal combustion engines, where the piston moves in a reciprocation way.



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VERSION INFORMATION

Date	Arthur	Comment
13-Mar-2021	Andrew Seaford	Initial release.