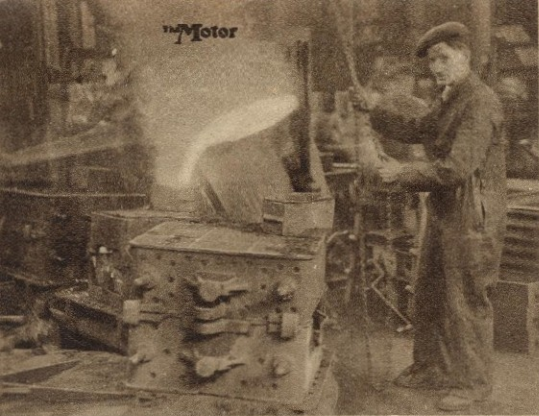
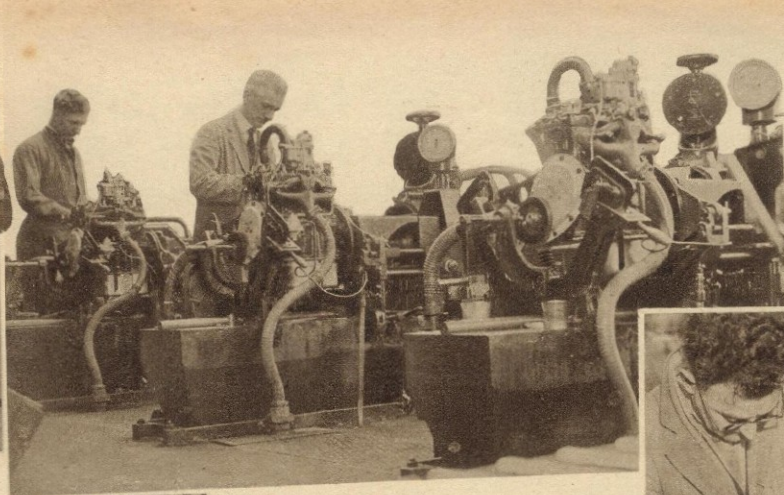


The Motor

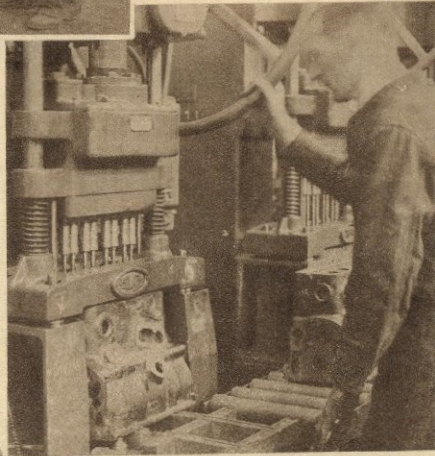


ASSEMBLY BENCH. An Austin Eight engine has its big-end bearings finally tightened down before the sump is put on.

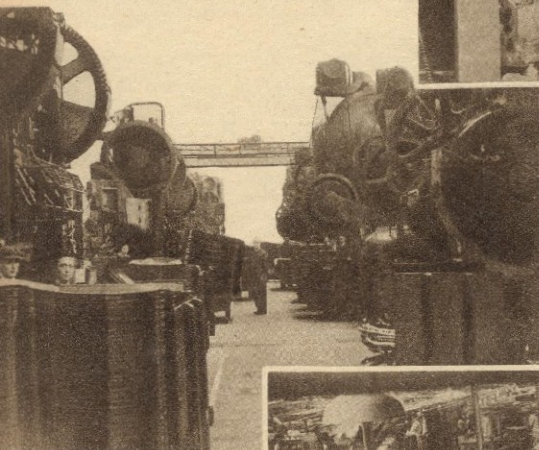


BRAKE TEST. After assembly each engine undergoes an exhaustive test on one of the special machines to be seen in the photograph. Few fail to give forth the desired power output, but those which do are stripped down and thoroughly examined to find the reason why.

IN THE FOUNDRY. Molten metal being poured into cylinder block moulds which move slowly forward on a conveyor.



PRESSWORK. These enormous machines are mechanical presses, batteries of which are kept busy turning out body panels, mudwings, and other major items for use in the body shops.

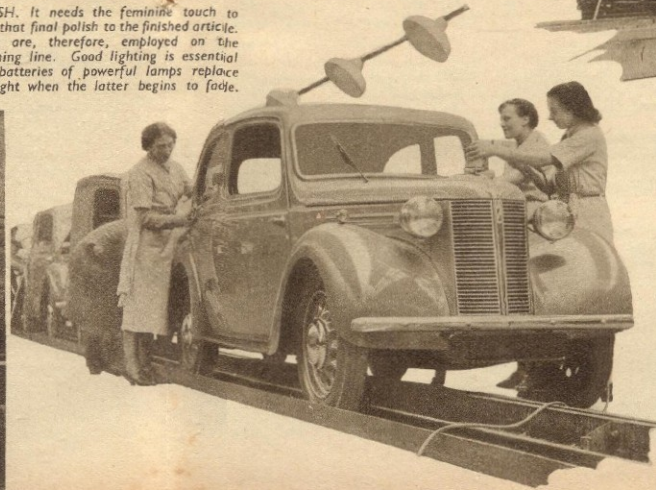


MACHINING. Special machines are necessary for economic production on a large scale. Here is a cylinder block undergoing an operation on a multiple drilling machine.

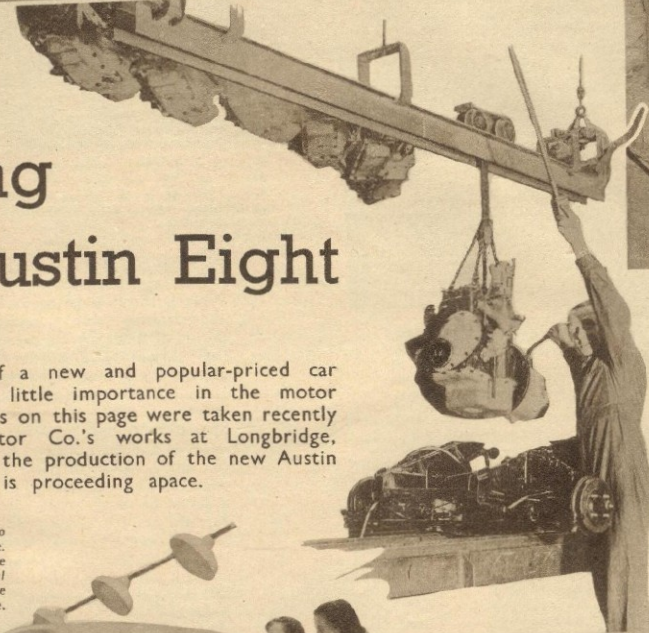
Building the Austin Eight

The introduction of a new and popular-priced car is an event of no little importance in the motor world. The pictures on this page were taken recently in the Austin Motor Co.'s works at Longbridge, Birmingham, where the production of the new Austin Eight is proceeding apace.

POLISH. It needs the feminine touch to give that final polish to the finished article. Girls are, therefore, employed on the finishing line. Good lighting is essential and batteries of powerful lamps replace daylight when the latter begins to fade.

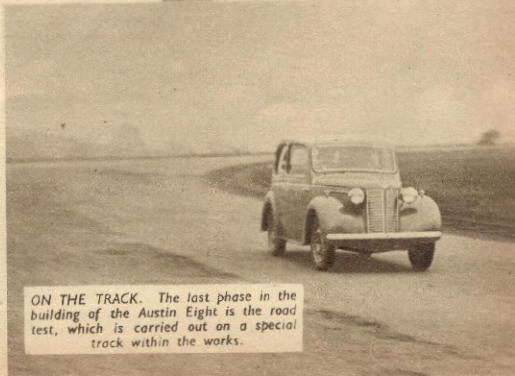


GEARS. A special section is devoted to gearbox production and these, like the engine, are thoroughly tested before being passed as ready for fitting to the car.



ENGINE MEETS FRAME. On the chassis erecting line the various components, which have been sub-assembled in different parts of the factory, come together for final assembly. Here is an engine-gearbox unit ready for lowering into the frame from an overhead conveyor.

SEATS. Comfort is an essential of the modern car. Here is a section of the bodyworks where skilled hands transform bare iron frames into comfortable seats.



ON THE TRACK. The last phase in the building of the Austin Eight is the road test, which is carried out on a special track within the works.