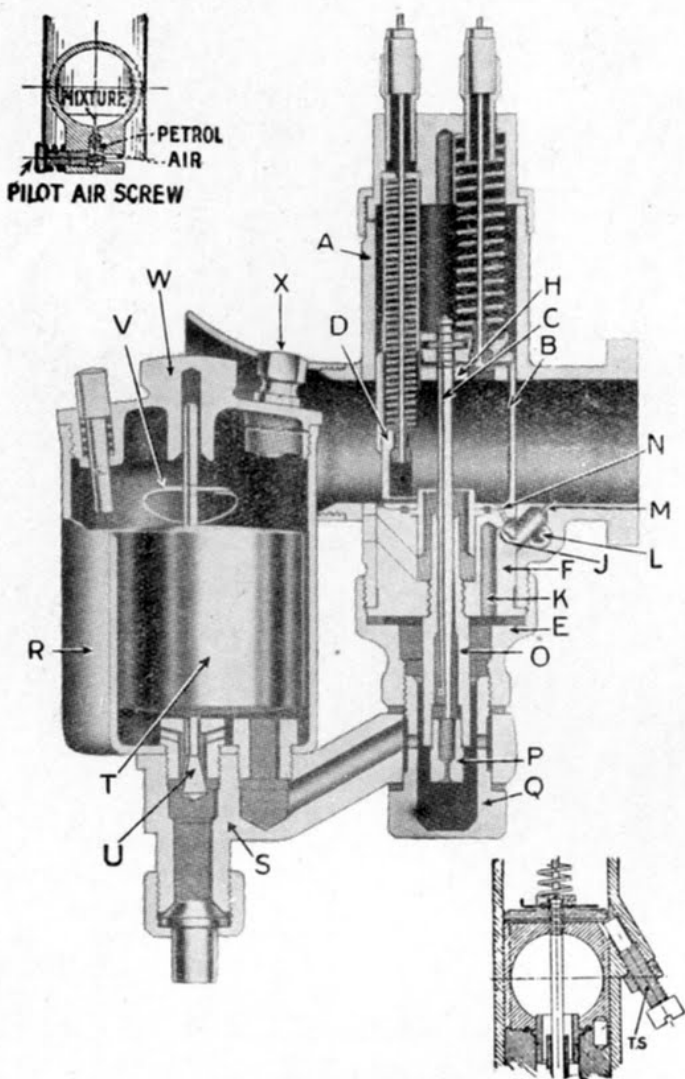


AMAL

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THE AMAL NEEDLE-JET CARBURETTER IN SECTION.

- A. Carburetter Body or Mixing Chamber.
- B. Throttle Valve.
- C. Taper Needle and Clip.
- D. Air Valve. This passes through the Throttle Valve and is independently operated. It also serves the purpose of obstructing the main air passage for starting and mixture regulation.
- E. Union Nut.
- F. Jet Block—connected to Mixing Chamber by Union Nut E. Fibre washer interposed between, to ensure petrol-tight joint.
- H. Adaptor Body on upper part of Jet Block.
- J. Pilot Jet integral with Jet Block.
- K. Passage to Pilot Jet.
- L. Adjustable Pilot Air Inlet.
- M. Pilot Outlet.
- N. By-pass.
- O. Needle Jet screwed to underside of Jet Block.
- P. Main Jet.
- Q. Jet Plug bolting Mixing Chamber and Float Chamber together. When this plug is removed, both Jets can be dismantled