

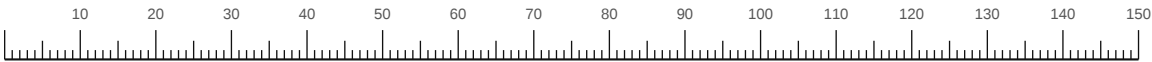
Carburettor Identification And Measurement

Carburettors are sold by a bore size and a family name that nobody explains. Measure yours and record the fittings before you order one.

PETROL

Work outdoors or with the door open. Drain the float bowl into a container rather than onto the floor, keep ignition sources away, and let the engine cool completely before touching the fuel system.

PRINT CALIBRATION — CHECK BEFORE MEASURING



Lay a steel rule along this scale. The 150mm mark must fall at exactly 150mm. If it does not, reprint at 100% / "Actual size" with page scaling off — every measurement you take from a scaled sheet will be wrong.

THE FOUR THAT DECIDE WHETHER IT FITS

INTAKE SPIGOT OUTSIDE DIAMETER

mm

The rubber the carburettor clamps onto — measure its OUTSIDE

CARBURETTOR BORE

mm

Across the throat, at the narrowest visible point

THROTTLE ARRANGEMENT

Cable to a slide, cable to a lever, or a vacuum-operated slide

CHOKE TYPE

Electrical auto-choke with a plug, manual lever, or none

HOSE SPIGOTS — COUNT THEM BEFORE YOU REMOVE ANYTHING

NO.	WHERE ON THE CARBURETTOR	WHERE THE HOSE GOES	SPIGOT DIA MM	HOSE ID MM

THE ONE PEOPLE FORGET

The float bowl overflow. It is usually a bare spigot pointing down with a short hose on it, doing nothing visible, and it is easy to miss when counting. A replacement without one, or with it in a different place, will dump fuel somewhere you do not want it.

MOUNTING FLANGE

CLAMP OR BOLTED FLANGE

IF BOLTED, STUD SPACING

 mm

NUMBER OF STUDS

TRACE THE MOUNTING END HERE

Stand the carburettor on the grid, draw round the flange, mark any stud holes

ELECTRICAL

AUTO-CHOKE CONNECTOR PINS

CONNECTOR SHAPE AND COLOUR

WIRE COLOURS

MARKINGS ON THE OLD CARBURETTOR

CAST OR STAMPED — COPY EVERY CHARACTER

THE MACHINE

MAKE AND MODEL

ENGINE SIZE

 cc

ENGINE FAMILY NUMBER

THIS SHEET RECORDS, IT DOES NOT RECOMMEND

Nothing here tells you which part to buy. It tells you what you currently have, in the units a seller works in. Machines built to the same nominal specification were fitted with different components by different suppliers, sometimes inside one model year, so the only reliable reference is the item in your hand.

Need to work out what you actually own?

The Scooter Parts Registry is a free public record of the Chinese factories behind US-market scooters, ATVs and go-karts — brand, engine family, VIN prefix, factory and related machines. No account, no email.

thescooterparts.com/identify