

MASTER CYLINDER

Estelle 1977-83

Without servo 19mm diameter (1977 models only in UK)

With servo 22mm diameter 1977 to 1983

Equal length circuits with a residual pressure valve on the lower (Rear circuit).

Estelle 1984 on and Rapid

All models with servo 19mm diameter.

60/40 division on length of circuit. NOT fitted with a residual pressure valve.

The master cylinder of the Rapid and 105/120 (1984) is 19mm internal diameter, compared with 22mm of the 105/120 (1977-83) and is always used with a servo, for which its mounting flange is designed.

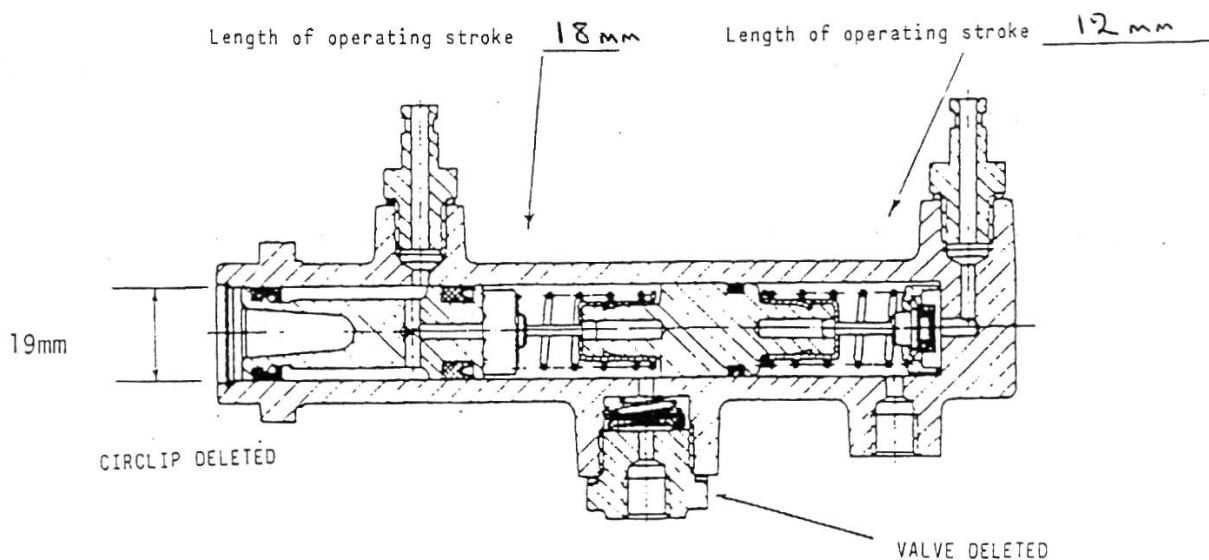
In 1984 the residual pressure valve was deleted (at the same time the rear wheel cylinders seals were changed). The piston retaining circlip was deleted from the master cylinder.

The piston assemblies differ from the 1977 to 1983 type because of the necessity to split the outlet volume ratio 40% rear 60% front.

This is achieved by the use of floating piston rods of differing length. The first (top when fitted) circuit is 12mm long and the second (lower) circuit is 18mm long.

The pistons must be assembled into the cylinder short rod first and with the seal end of the operating piston first.

Failure to ensure this will result in the circuits not operating correctly.



Revised seal design with 1984 changes indicated.

- Sectional View of Brake Master Cylinder 1977-83 type shown