

9 Pedal Box



Fig 9a

9.1 Pedals brake/clutch

What you need:

Brake pedal
Clutch pedal
Throttle pedal
split pin
grease
10mm drill bit
drill

The brake and clutch pedals hang from the brackets on chassis via. A long shaft on super six –floor mounted pedals are fitted on R6 and B6.

after fitting the master cylinder the brake push rod should be fitted, align the brake pedal with the master cylinder and drill a 10mm hole towards the front of the pedal this is for fitment of the push rod clevis .this screws on the push rod with a 10mm lock nut.

The clutch operates via. A cable from gearbox bellhousing to pedal, this cable goes through a hole cut low in drivers footwell front alloy and up to the clutch pedal. The pedal end has a hook (nylon)on cable to pedal. 9a

It is recommended to remove shaft from brackets and grease before fitting.

After refitting Cut the flat section off of the shaft(extreme offside of shaft) then drill a 3.2mm hole through bracket in offside of bracket/tube and through the shaft and fit a split pin-this will stop shaft moving or sliding out

Alloy pedals-or rubber ones for non slip are recommended to be fitted on the pedals(sva)

The throttle pedal hangs from a bolt m8 fitted to the small tab on right of brake pedal.-the 25mm wide flat section on the chassis is the outer cable stop for throttle cable.

N.B. Remember that all pedals should be able to rotate freely.

9.2 Fitting Master Cylinder Super six

What you need:

Master Cylinder.

Drill.

8mm Drill Bit.

Pen

2 x M8 x 35 bolts with nyloc nuts.

Brake master cylinder plunger.

The master cylinder is fitted to the engine bay side of the chassis/brackets on the two flat sections with the bottom of the cylinder aprox level with chassis rail.

- Place master cylinder against the two flat sections central-mark through the holes in cylinder with pen.
- Using punch and hammer mark where holes need to be drilled over the pen mark



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fig 9b

- Drill holes using 8mm drill bit.

- Replace master cylinder and secure to chassis -bolt heads inside car
- lock nut engine bay side-use washers on both.
- Fit plunger to master cylinder and brake pedal

9.3 Fitting Brake Fluid Reservoir

What you need:

Brake Fluid Reservoir.

Brake Master Cylinder, fitted.

- The brake fluid reservoir sits on top of the brake master cylinder.

- Remove the remote plastic fittings from the top of the brake master cylinder.(pull out with grips)
- Push the reservoir into its appropriate position . fig 9b

- **R6 and B6 floor mounted pedals**

On R6 and B6 there is a steel floor welded into front lower part of the chassis floor. This is for floor mounted pedals using either single or double master cylinders see fig 2 and 12 (rear of manual) a steel mounting plate for housing the cylinders is bolted to the two upright flat parts of the chassis (fit this plate first) –then position pedals and brackets as required for drivers length -