

14 Front Brakes (Standard super six) vw

14.1 Caliper and Disk Fitting

What you need:

4 x M10 x 30 bolts with nyloc nuts.
Front brake calipers.
Front disks.

- The calipers sit as shown with 2 x M10 x 30 bolts holding each caliper in place as shown in figure 14.11
- The disks are directly mounted to the hub with one 6mm set screw
- Alloy lightweight calipers can be fitted with a tiger adapter plate

14.2 Front Brake Lines(see also figure 6)

P-clip the main brake line along the top of the transmission tunnel to the master cylinder.

Fig 14 above

What you need:

Flexi hose x 2.

Short brake line from master cylinder to off-side front caliper.
Longer brake line from master cylinder to near-side front caliper.
P-clips.
3.2mm pop rivets.
3.2mm drill bit.
10mm drill bit.
Drill.

The flexi hose runs from the caliper to the brake line, and fixes on the body near the rear lower wishbone mount, The nut sits on the inside of the body. Fig 14

- Drill the hole using a 10mm drill bit and then file it out to the required diameter –it is advisable to leave hole drilling until the steel brake pipe is behind the grp in correct place (this will be easier for positioning the hole in grp.

N.B. Remember to place masking tape over the area where you are going to drill to protect the body.

- Screw one end of the flexi hose into the brake caliper.
- leave flexi hanging until brake pipe is behind

- The line for the off-side front is taken from the master cylinder down the off-side diagonal tube along the lower rail under engine mount)keeping away from where the mount will be drilled)(10mm) and into the flexi hose as in figure 8aa
- The line for the near-side front is run from the master cylinder down the same side and diagonal tube past the off side pipe around the first crossmember and back to position .
- The lines are held in place by p-clips riveted to the chassis, this procedure is the same as described in section 3.2 .

N.B. Remember to bend the pipes smoothly .

N.B. Keep the lines running well out of the way of any moving parts.

The master cylinder connections are shown in figure 6.- when mounted into position the master cylinder facing forward has exit nearest driver (rear) this is for rear pipe—the two exits front are for front brakes (can go on anyway) remaining exits can have brake switch fitted and bleed if preferred.

Pictures below top left-fig 15---top right-fig 15b---bot left-fig 15c