



11 Handbrake

fig 11



11.1 Fitting Handbrake Lever

What you need:

- Handbrake Lever.
- 2 x M8 x 35 bolts with nyloc nuts.
- Drill.
- 8mm Drill Bit.
- Punch.
- Hammer.

The handbrake is positioned on bracket and top rail near the rear of the transmission tunnel on the near side.

- Place the handbrake into position on the bracket and rail and mark where holes need to be drilled into the bracket using a punch.
- Remove the handbrake and drill the holes using the 8mm drill bit.
- Replace handbrake into position on the bracket and secure using the two bolts.

N.B. it is ok to use one or two washers if required to space between h/brake and chassis to obtain good fit on grp tunnel.—it is recommended to trial fit the tunnel section as you fit lever. The centre cable(attached to lever)with eyellet must not be adjusted untill center grp tunnel is fitted fig 11

11.2 Fitting Handbrake CablesLive axle

The handbrake cables exit from rear of backplates.

What you need:

Handbrake Cable.

1 x M8 x 25 bolt with nyloc nuts.

The back plates on the live axle tiger are the same—so the shoes can be reversed each side—the plastic lever stops can be removed if preferred.

Attach the cables to the levers inside the shoes.

The threaded end is against the backplates.

- The two cables from the rear wheels need to be placed in their tubes on the underneath of the chassis. Left hand tube- left hand backplate.

The center hand brake cable –first cut or with a small stone grind off the threaded end of the cable -- attach the round eye let side of the small cable to the lever now pass the cable through the hole drilled in chassis upright on nearside flat section.

With the outer cable supplied in kit hold under the lowered axle and measure the amount to be cut from chassis flat section to central tube. Cut off and slide over the inner cable, now push outer and inner cable through the center tube.



Fig 11a

11.3 Handbrake balance bar

What you need:

Drill.

5mm Drill Bit.

bar
3 x solderless nipples.
Saw.

- The bar connects the three handbrake cables together and balances the handbrake when pulled up.
- Offer up the bar to the position of the three cables now in the tubes in chassis and mark how much needs to be cut off it.
- Using a saw cut the bar to a more practical size.
- Offer up the bar again and mark where holes need to be drilled in it to fit the handbrake cables through it.
- Drill holes using a 5mm drill bit.
- Place bar into position with handbrake cables passed through it.
- Secure bar into position using the solderless nipples on each cable, as shown in figure 11.31
- it is important that the automatic adjusting mechanism / shoes in the ford drums are adjusted before tightening the cable locks.
- Fine tuning after can be achieved by the thread on outer cable on backplate.