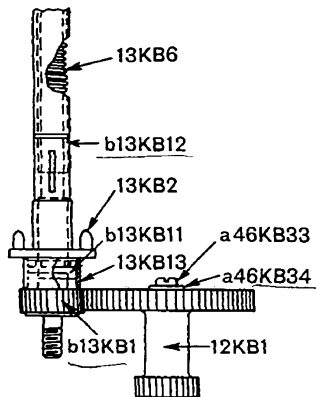


### Justifying Scale Pinion

To place the pinion b13KB1 in position if it has been removed for any reason; turn the unit wheel b35KB1 in left-hand rotation until the em rack pointer a4KB3 is on even zero; turn the gear 12KB1 in left-hand rotation as far as it will go (without



forcing it). Place the pinion b13KB1 in mesh with the gear 12KB1, in such position that the middle pin 13KB2 will be to the rear, and screw in the stud d13KB5. Proceed with adjustment as above.

### Justifying Scale Pinion Spring

To apply the correct tension of the pinion spring 13KB6, have the em rack pointer on even zero of the em scale. Remove the screw a46KB33 and washer a46KB34 and turn the gear 12KB1 gently by hand in an anti-clockwise direction until resistance is felt (the rack a11KB1 will then be held against its piston a11KB2); then lift the gear 12KB1 just out of mesh with the pinion b13KB1, but do not lift the gear 12KB1 high enough to allow its lower teeth to get out of mesh with the teeth of the rack a11KB1. The pinion will spin as the spring 13KB6 releases; control this, to prevent damage to the spring by overthrowing. Next revolve the pinion b13KB1 four complete turns in an anti-clockwise direction, taking care to revolve pinion proper