

46KB3, and remove them together with unit wheel standard cap c46KB23. Turn the unit wheel xb35KB in an anti-clockwise direction until the unit wheel driving rack c37KB1 is about two-thirds of its traverse inside the left-hand cylinder a36KB1. The right-hand cylinder a36KB1 should now be lifted slightly and moved to the right sufficiently to allow the unit wheel driving rack rider b37KB7 to be lifted off. Do not allow the right-hand driving rack piston 37KB2 to get out of its cylinder during this operation. When the rider is removed it will be found that the unit wheel complete xb35KB may be removed when the right-hand driving cylinder is carefully lifted upwards, carrying the driving rack with it, until the latter is clear of the unit wheel shaft pinion.

(18) TO REPLACE UNIT WHEEL

Lift the right-hand driving cylinder a36KB1 and driving rack c37KB1 carefully, as described in the last paragraph, until the unit wheel xb35KB can be placed into its bearing in the unit wheel standard d46KB1K. Place the driving rack rider b37KB7 in position upon the driving rack, and mesh the rack with the unit wheel shaft pinion. Carefully replace the right-hand cylinder in position, locating it by bringing the union 36KB5 on the ring pipe a36KB4 into contact with the pipe union 27KC3 on piston block, and screwing on the ring pipe union nut 36KB6, by hand. Then place the standard cap c46KB23 in position and secure it by its screws 46KB3, and tighten the ring pipe union nut 36KB6 with the aid of suitable spanners.

The unit wheel standard cap f46KB5K should now be replaced. Care should be taken to ensure that the justifying scale pointer lifting pawl 16KB1K and detent pawl 15KB1K are located securely for this operation, and that the justifying scale gear 12KB1 is turned as far as possible in a right-hand direction and held while the pillar of the driving rack rider b37KB7 is entered between the driving rack piston a11KB2 and rod b11KB3 in the justifying scale driving rack a11KB1. The justifying scale pointer operating lever piston link 17KB4, the restoring rocker arm piston link 24KB10 and unit rack lever 73KB1 should hang vertically whilst the cap is being located, and be directed into their respective positions. When