

suit, then tighten the cylinder heads 36KB2, a36KB7 and the two pipe union nuts 36KB6.

Take the unit wheel standard cap f46KB5K and make sure that the justifying scale pointer lifting pawl 16KB1K and detent pawl 15KB1K are in position. (By placing these pawls vertically, allowing their lower ends to rest upon the ridge of the casting so as to maintain this vertical position, they will not become displaced whilst positioning the standard cap.) Place the unit wheel standard cap in position so that the post of unit wheel driving rack rider b37KB7 enters centrally between the justifying scale driving rack piston a11KB2 and rod b11KB3 in the unit wheel standard cap. The tension of the justifying scale pinion spring 13KB6 holds the rack piston a11KB2 and the rod b11KB3 together. To permit the driving rack rider b37KB7 to enter, the justifying scale gear 12KB1 should be turned to its fullest extent to the right and held in this position until the cap f46KB5K is replaced. Take care that the piston links 17KB4 and 24KB10 are in their respective pistons. The standard cap screws (4) 46KB11 should now be screwed home.

Connect the justifying scale pointer lifting pawl spring 16KB3 between the pawl and spring plate 18KB3, and the justifying scale pointer detent pawl spring 15KB3 between its pawl and spring post 18KB1. If the justifying scale pointer rack b14KB3K has been removed it should now be replaced. To allow the rack to drop, depress the right-hand end of restoring rocker arm link lever a24KB4K, and lift the piston lever fulcrum rod bracket lever heel a31KC21. Replace unit rack lever spring x74KB and the unit wheel pawl spring x41KB. Connect unit wheel standard cap head pipe a46KB8 and replace em rack slide xb5KB. To fit the slide correctly, turn the unit wheel in an anti-clockwise direction until it will revolve no further, turn the wheel back so as to engage the lowest tooth on the unit wheel pawl a38KB1 with the nearest graduation on the unit wheel b35KB1. This position represents zero, and it should be noted that zero is registered also on the unit indicator b25KB1. Place em rack slide b5KB1K upon its seatings on the unit wheel standard and enter the left-hand screw 5KB4, screwing it in a few turns. The slide should be swivelled on this screw 5KB4 to enable the em rack a4KB1 to be brought to the position where its pointer a4KB3 registers zero on the em scale