

a34KB2K, with spring a34KB6, and abutment a34KB5, assembled in position. The abutment spring must be compressed by pressure applied to bracket a34KB2K in a left-hand direction until the two unit rack stop guide abutment bracket screws 34KB3 can be entered into their respective holes in unit wheel standard d46KB1K. Replace unit rack abutment bracket d27KB5, making certain that it bears to the left against its adjusting stud 28KB1; secure it with the three abutment bracket screws 27KB7. Replace unit rack lever spring x74KB, and stop bar case.

(16) TO REPLACE EM RACK SLIDE xb5KB

Place em rack slide b5KB1K on its seating on the standard and enter the left-hand screw 5KB4 a few turns. Swing the slide on this screw so that the em rack a4KB1 is clear of unit wheel pinion and can be positioned with its pointer a4KB3 registering zero on the em scale e9KB1. Set the wheel to zero position also (by turning it anti-clockwise to the limit of its travel and bringing it to the first graduation); then mesh the rack a4KB1 into unit wheel shaft pinion by moving the slide to its proper position where the right-hand screw 5KB4 may be entered. The two screws should then be firmly locked. The bell trip lever 3KB1 must be kept to the right of em rack bell trip 4KB2 during this meshing operation.

(17) TO REMOVE UNIT WHEEL

This may be done without disturbing the unit wheel pawl. Remove em rack slide complete xb5KB and stop bar case. Take off bell bracket complete xa1KB by withdrawing the two screws 1KB7 (long) and 1KB8 (short); unscrew the two unit wheel standard cap head pipe union nuts 46KB10, and remove cap head pipe a46KB8.

Remove unit wheel pawl spring x41KB and unit rack lever spring x74KB; disconnect justifying scale pointer lifting pawl spring 16KB3, and detent pawl spring 15KB3; remove the justifying scale pointer xg14KB complete, lifting the piston lever fulcrum rod bracket lever heel a31KC21 upwards while doing so; unscrew the four unit wheel standard cap screws 46KB11, and lift off the entire cap f46KB5K.

Disconnect the right-hand driving cylinder ring pipe union nut 36KB6, unscrew the two unit wheel standard cap screws