

CITROEN CARS LIMITED,
TRADING ESTATE,
SLOUGH, BUCKS,
ENGLAND.

TECHNICAL NOTE NO. 609

JANUARY 1955

FRONT WHEEL DRIVE.
RACK STEERING CENTRE BALL PINS.

After working for some time, the ball pins of the rack develop clearance in their housing. This clearance results from wear in two diametrically opposed zones. The ball pins become oval.

We particularly draw your attention to the fact that it is not possible to take up this clearance in position.

The retightening of the tube retaining the ball pin sockets, locks the ball pins which are then unable to move as their correct working demands. A ball pin which cannot turn in its socket permits a considerable torsion effect which upsets the working in the steering and can cause serious incidents.

Whenever you require to eliminate play in the ball pins, it is absolutely necessary to remove the steering and change the ball pins with their sockets.