

FITTING INSTRUCTIONS

Steering Rack Bush

N.B: These instructions should be used in conjunction with workshop manual.

1. Support vehicle and disconnect tie rod ends and steering pinion shaft. It is recommended that the steering rack be removed from the vehicle, but it is possible to replace this support bush with the steering rack remaining in the vehicle.
2. Remove rack boot from the left hand end, locate and drill out lock pin which will permit the ball socket to be removed along with the tie rod assembly, remove the locking ring by unscrewing from shaft.
3. Remove pinion end cover and slide pinion gear and shaft forward until teeth disengage from teeth in the cross shaft.
N.B: Make sure to take note of the alignment of the pinion gear teeth to those of the cross shaft – failure to do so will upset the flasher cancelling, steering lock mechanism and steering wheel alignment.
4. With pinion forward slide the cross shaft to the right until the original support bush is fully exposed. Using several small screwdrivers it is possible to disengage bush from the housing – withdraw bush using long nose pliers.
5. Insert the new bush into the housing with tags facing outwards. A socket of the correct size can be used to push the bushing into the rack housing until the tags locate in the recess in the housing.
6. Lubricate bore of the bush and slide the cross shaft back through the new bush. Align teeth from the pinion and cross shaft and reassemble the pinion shaft.
7. Refit the tie rod, ball socket and locking and set preload as recommended in the workshop manual. Drill hole between lock ring and ball socket and fit new lock pin supplied in the kit. Fit boot and fill rack with oil as specified manufacturer.
8. Reassemble and wheel align as recommended in workshop manual.

N.B: It is recommended that a licenced workshop or trades person carry out the above procedure and that workshop manual and relevant safety procedures are followed in addition to the above.