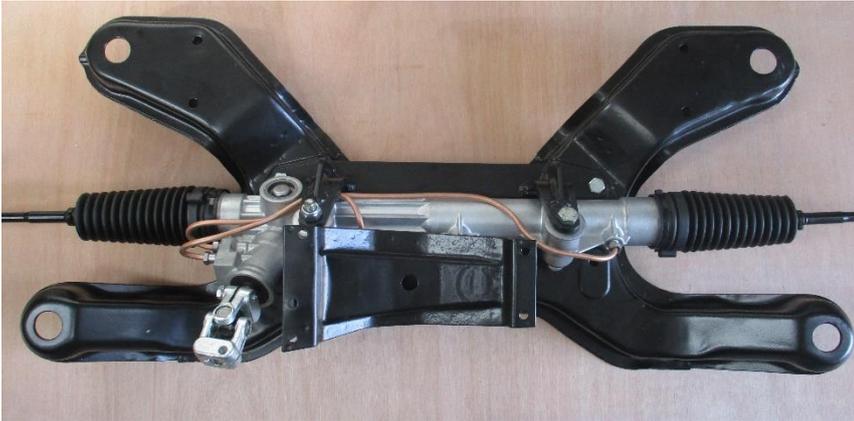


## TR 7 POWER ASSISTED STEERING – FITTING INSTRUCTIONS



- Follow recognised safe working practices when working on the car.
- Refer to a recognised workshop manual if necessary.
- If in doubt don't do it. Ring your supplier for advice.

Remove the old steering rack, track rod ends from uprights and the lower steering column.

On LHD cars only the outer front corner of the engine mounting isolator needs to be cut off at 45°.

Fit the spacer **A** between the subframe and the lower cradle engine mounting.

The rack can be assembled to the mounting **E**, and attached to the subframe.

When installed the track rod ends can be screwed into the rack ends, the threads should have Loctite applied, and tightened with a stilson wrench.

The gaiters should be put onto the rack body and turned so that the balance pipe connections are at the front of the rack so that the pipe will pass under the rack mounting 'arms'.

Tighten the rack to mounting bolts and the mounting to subframe bolts.

The fan idler pulley should have 2 grooves as in the picture

Mount the pump mounting block **B** to the engine block (make sure it is clean) and then the pump **C** to the block.

Heavy thick washer over adjuster slot

Adjust the belt **D** so that there is about ½" deflection when pushed in the middle.

The reservoir mounting **G** can be mounted to the LHS inner headlamp pod attachment bolts, the bracket may need bending to achieve the optimum position; the reservoir then attached to the bracket.

The pressure hose **J** (screw connector and banjo) can be attached to the rack top port and pump - and return hose be connected to the rack lower port and the reservoir.

Feed hose **H** can be cut to length and connected to the pump and reservoir and secured with the jubilee clips.

The rack should now be centred, and the steering wheel held in the central position.

The intermediate steering column and UJ **F** can now be installed.

The track rod ends should now be adjusted to give approximately the right tracking.

Fill the reservoir with Dexron II fluid.



Start the engine, keep the fluid level topped up to the max level, check for any leaks, tighten connections if necessary.

Work the steering from side to side 7 or 8 times (do not hold on full lock). If all is OK lower the car onto its wheels, push backwards and forwards then adjust the tracking 2 to 3 mm toe in.

Road test and check all attachments and connections.