

TR 8 POWER ASSISTED STEERING – FITTING INSTRUCTIONS

***** The Subframe has to be the original TR 8 type. *****

It is easier if the subframe is dropped from the car. Check it is roadworthy.

Modify the Front Subframe as per the photo. Rear arch, off side, inner flange. Doing the same to the opposite flange will help even more.

Position the rack under the subframe arches. See photo

Position the rack mounting bracket (pillars pointing fwd and up)

Put the M10 x 60 countersunk bolt through the rack mount and into the subframe.

Put rack onto pillars; patience needed, it will go on.

Put the other rack to subframe bolt in and tighten.

Put the 2 M12 bolts through the rack and into the rack bracket. Tighten.

Attach the pressure hose to the rack, lower rear port, thin headed banjo bolt and 2 dowty washers. Patience, it is fiddly !

Now attach the return hose, upper forward port.

The subframe can go back onto the car. If using the castor correction kit fit it now.

If you are adding the rear pulley to the crank damper, do it now.

Fit the pump to the engine, see photos.

Front bracket, use the existing long bolt in the lower hole and the 3/8" unc in the upper (make sure the thread is clear)

Fit the rear bracket.

Now fit the pump to the brackets. It may be necessary to 'shim' the pump fwd or rwd to align the pulley grooves, use the spare M8 washers provided, they are 1mm thick.

Position the reservoir mounting bracket on the NS headlamp pod mountings.

With the rack central and the steering wheel in the straight ahead position, connect the intermediate steering joint and column.

Connect the pressure hose to the pump, banjo bolt and 2 dowty washers.

Connect the feed hose from the reservoir to the pump (the feed hose is tight onto the reservoir, warm the hose and expand the id and use Vaseline).

Now connect the return hose to the reservoir.

Fill reservoir with fluid and start engine, check for leaks and belt alignment.

Check all connections and fastenings.

Set toe to normal setting.

Test drive.

When driving take time to get used to the steering