

# Workshop 37

Auto free wheel hub strip, clean and re grease  
Maverick 1997 2.7 TDI

Ok, first thing to notice is, this is for a 97 TDI Maverick. There are two extra bits on this model compared to the break down of the one in the download section for the 95 Mistral. A spring style washer (looks like part of a 'slinky'), and a locking ring that holds the 'slinky' spring in place.

First remove the wheel, exposing the hub. the hub will need the 6 alen key bolts removing, they should not be too tight.



Once removed you will be able to prise the hub away from the wheel disk, I used a rubber mallet to break the seal, but don't hit it too hard, you don't need too.



Next clean the whole thing in white spirits, don't start removing anything till you can see where it needs to go back. (Taking photos help in case you forget).

The locking ring the holds in the slinky spring is the first part to remove, it just turns 1/4 turn and pops off, then remove Mr Slinky. the rest is as described in the download section. Take it all to bits and clean. Watch out for the last part that comes out, its full of ball bearings, they do fall out if your not careful.



Once clean, "DRY EVERYTHING" don't leave white spirit on anything or it will break down the copper grease.



Make sure its CLEAN, then start coating with cooper coat as you rebuild it, but not too much, you don't want it to get gobbled up again.



If your unsure of doing this, DONT BE! its a really easy fix and can be done in about 1 hour. On top of that, there is not to much you can do wrong! Even if you think its put back together wrong, don't worry because if you do it will not go back together, just look what is holding it apart and start again.

To be honest, I really enjoyed doing this, I think its taken more working out trying to post it on here than doing the job.

***\*\*Photos and text supplied by Kamsin\*\****