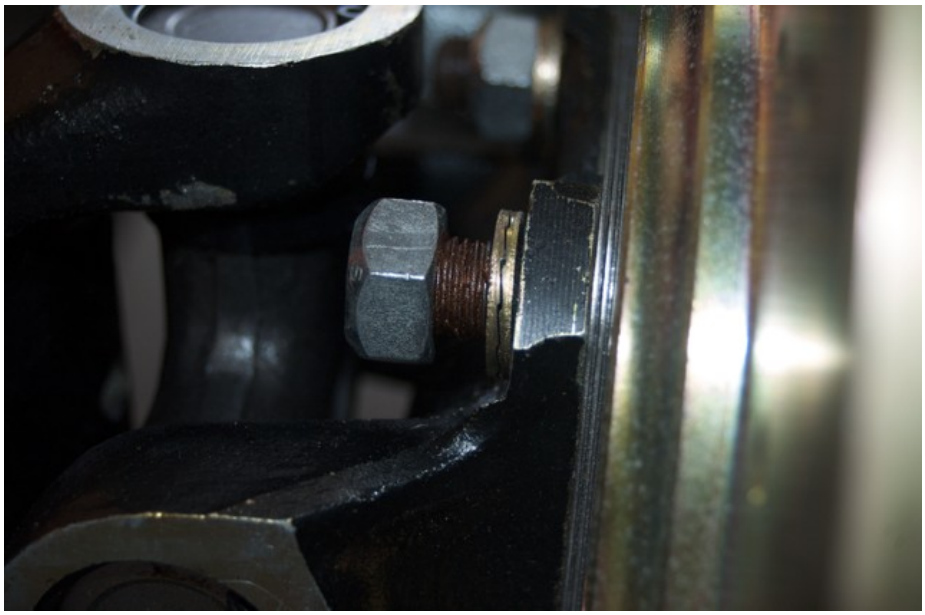
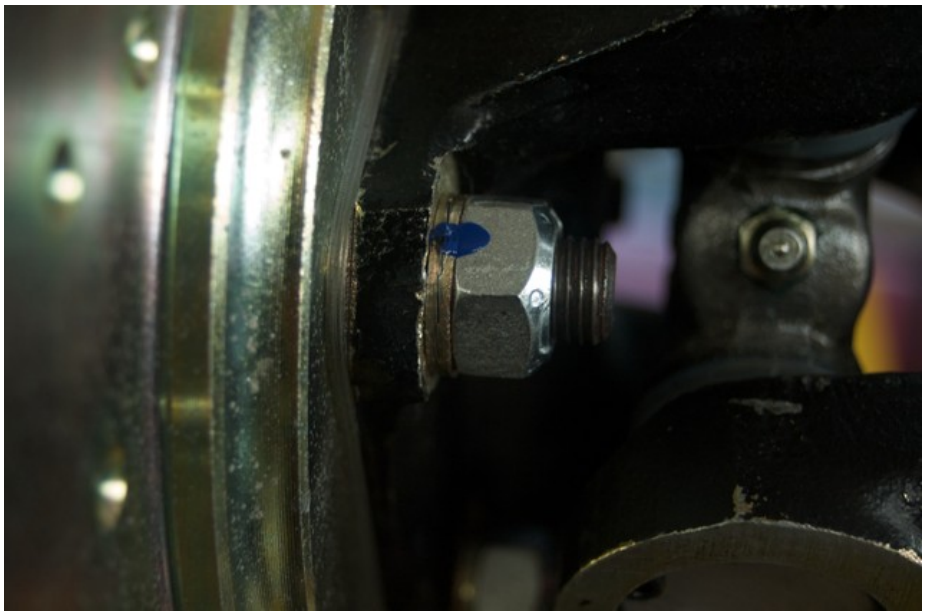
Rear-end complete?

Having the rear-end in 'concept' I started the final assembly using all new nuts and using the appropriate torque required. Where applicable I'm using the nord-lock washers instead of, or in addition to normal washers.



I've got a bit of a routine by now for the final assembly of a part of the car. Roughly it goes like:

1. clean all the parts;
2. put on the appropriate (nord-lock) washer;
3. put some copper grease on the threads;
4. hand-tighten the nuts;
5. get out the torque-wrench;
6. get back into the office to look up the torque requirements (optional step in theory, I always forget what the torque was);
7. torque em-up;
8. mark with nail-polish that it's done.



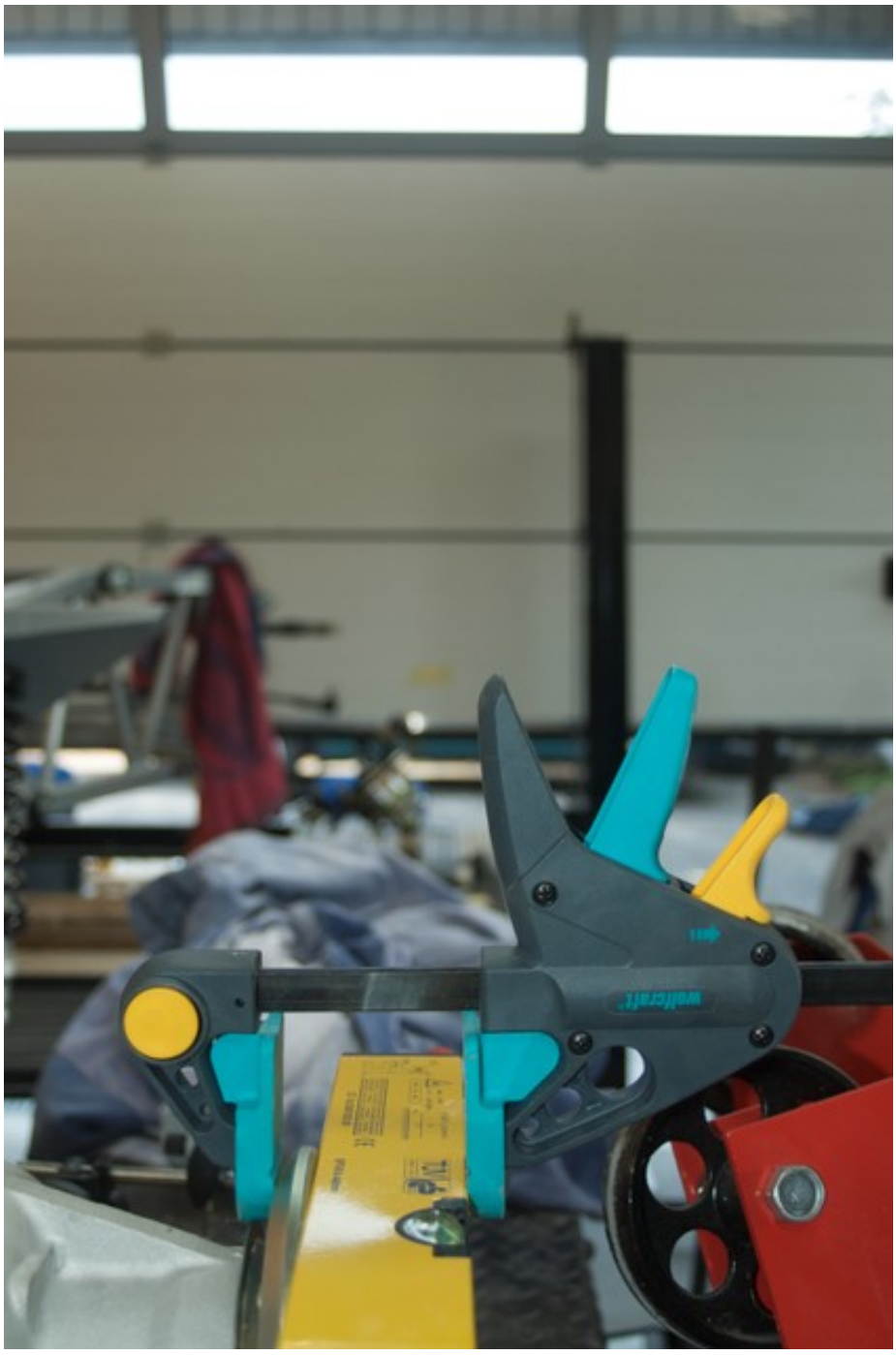
(and take some pictures in between all that)

So, what's left for the rear end?

- I want to replace the straight grease nipples on the Upper Joints with bended ones, as the straight ones seem unreachable, at least with my grease gun;
- need to double check the torque on the big castellated nuts at the end of the drive-shafts keeping the hub in place, 75 Nm seems a bit low;
- the original jag had some protective covers for the drive shafts, should I fit these? They seem a bit flimsy to me;
- mount the whole thing to the chassis obviously.

I think that is about it.

Having both the hubs completed, I wanted to do a quick measurement of rear toe-in (or, let's hope not, toe-out). So, clamped the laser to both hubs and marked the two projections on the garage-door.



Result: a bit more than 5mm overall toe-in over 4 meters. It's on the good side

of the scale at least! (If it had not been I would not have known how to correct it BTW). The value seems a bit on the low end of the acceptable range, but once the rear-end is in the chassis, I'll do some more detailed measurements.

Rest of the day was filled with entertaining some friends coming over and a couple of minor jobs, one of which was to paint the upper ball joints as they started to show some rust. We can't have that, obviously!