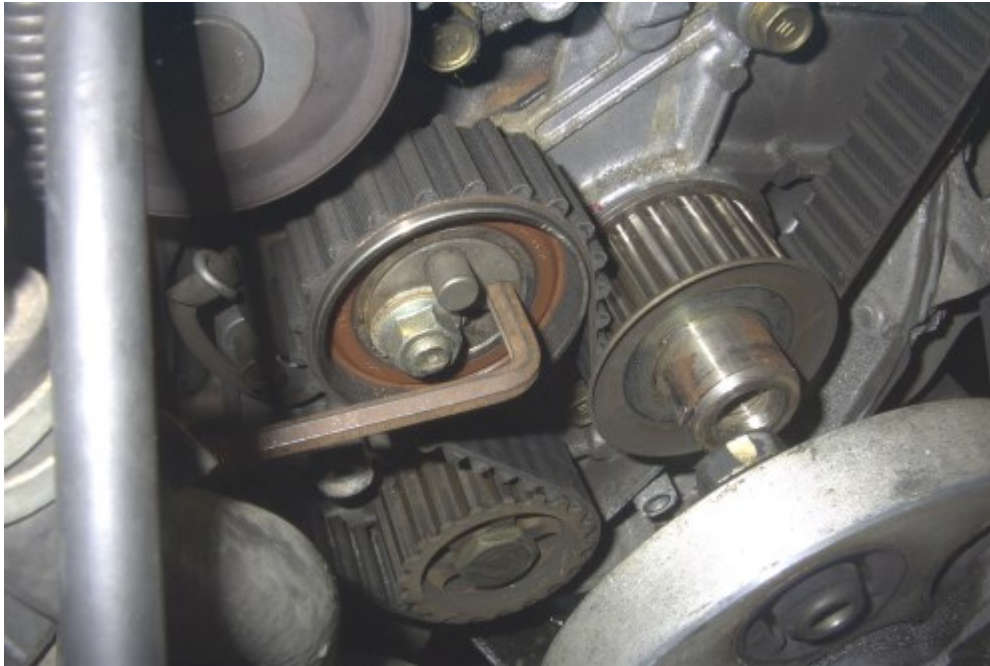


Toyota Estima Emina Lucida tips and tutorials



Toyota Estima Emina Lucida tips and tutorials.

This CD consists of the following tutorials, most to workshop manual standards.

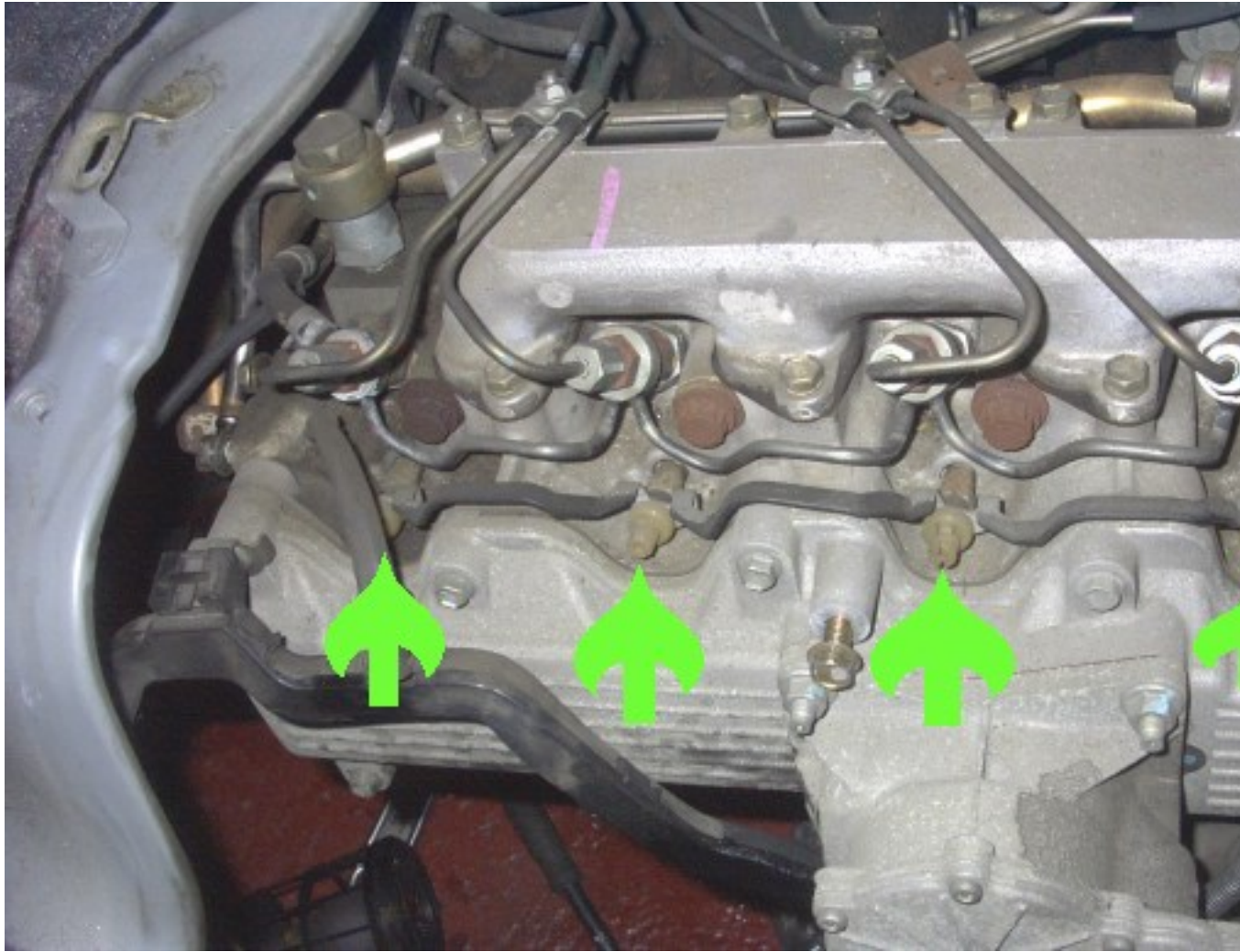
There are loads of photographs to assist. I have spent the last 4 years compiling these myself.

I maintain copyright of the PDF files and express my rights. The most valuable, in my opinion is the cylinder head change tutorial. This is 14 pages with full text and pics of removal and refit for a cracked head. All the torque settings and a warning that will save you having to do it twice.

All the torque settings and a few tricks that make this far easier than you would guess. First time I did it took three easy days. Now I have learnt to do it in a day and I share that experience.

Updates and improvements to tutorials are regularly undertaken from my experience and others comments. Updated versions will emailed FOC. Please include your Email when paying. I will not supply your Email to any other person or organization, period

1) Cylinder head change tutorial



2) Aircon basics for Estima's. You may be able to fix your self.

3) Auto gearbox removal and refit

4) Rear axle, transfer box and front axle oil change

5) Brake caliper rebuild (front n/s wheel hot or pulling to the left?)



- 6) Cam belt change (refers to a website where there is a tutorial)
- 7) Fitting curtains (lifted from the owners manual)
- 8) Estima vehicle specs (height weight etc from manual)
- 9) What is the ECT switch for ? 12 pages of high tech from Toyota workshop manual
- 10) Where is the engine number?
- 11) Aircon evaporator blocked? I'll bet it is and you have poor aircon performance. Clean in ½ hour.
- 12) Fan belt idler pulley worn? £58 from Toyota or £3.22 following this guide for a new bearing and 3 mins with a vice.



13) Link to website that gives you date of manufacture from frame number – you may not want to check this.....

14) Front brake hoses change and brake fluid renew/bleed.

15) 2wd front wheel bearing replacement.

16) Fuel filter change

17) Fuse box diagram – which fuse does what. Originator unknown.

18) Towing? Do I need an autobox (extra) cooler.

19) Auto gearbox technical. 12 pages from the unobtainable workshop manual. Very technical, covers all aspects of diagnosis of faults and operation. This is not a rebuild though.

20) Glowplug removal

21) Glowplug testing

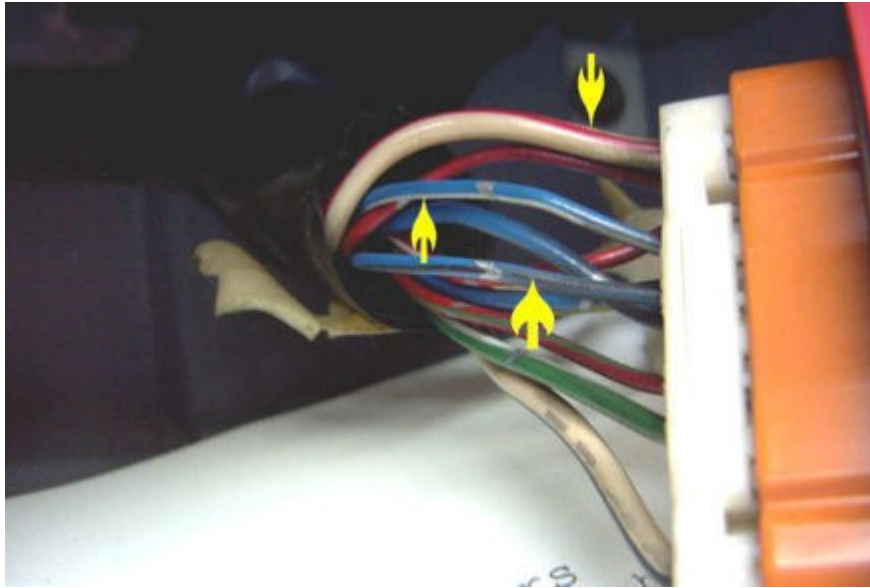
22) Northern Japan spec – Do you have a rear heater? Tickover speed up switch? Is the air coming into the car already hot when the heater is set to cold?

23) Radiator rebuild. Yes it is easy to check your rad and rebuild it rather than change it. However if you find it blocked following these instructions – change it.

24) Radio surround removal. Don't crack it!

25) Rear brake discs – handbrake adjust

26) How to fit remote control central locking in ½ hour by connecting 4 wires. Remote unit approx £18. Quote 'this is the best and most valuable tutorial ever'. If you want the indicators to flash then there are two extra wires very near!



27) Roll bar bushes – do you get a clonk going over small bumps? £12 and ½ hour will sort it. Need changing every 25 k miles.

28) SAD's change. The front accessory drive shaft has two aluminium couplings with rubber bushes. These fail and give a bad knocking and vibration. Takes a day to change without instructions. With this pictorial 2 hours max.

29) Secondary electrics for towing a caravan.

30) Spare wheel removal – is it rusted up just when you need it?

31) Front door speaker change (inc panel removal)



32) Speedo adjust. If your dealer did this incorrectly it will read 10 mph out.
Easy to reset correctly

33) Speedo remove

34) Automatic trans starter inhibit switch

35) Starter just clicks? But does not turn over? 9 out of 10 it's just the starter contacts. Easy fit for £5 parts.

36) Thermostat removal and refit.

37) Towbar fitting (copy instruction sheet to give you an idea)

38) Vacuum pump – do you have a rhythmic ticking that gets worse when pumping the brakes? Easy replace – but expensive part.



39) Toyota radio wiring (copy of wiring designation) not required with an
Toyota ISO adapter though.

40) Tracking settings

41) Auto trans fluid change.

42) Do I need to underseal?

43) Water pump change (big job)

44) Alloy wheels – which ones fit (there are a lot of Japanese cars other than Toyota which will fit). Links to calculator for speedo error, etc when fitting alloys.

Bonus:-

Estima owners manual from the New Zealand Toyota Estima version. Covers all you would need in the imported Japanese version, i.e how to turn seats, heater controls etc.

Estima foldup card model to print out – ideal for those with young kids who want to make a small Estima (or tight parents to give at Christmas) Printed CD

