

## Toyota Red Coolant

Posted by eringobragh - 2016/09/20 13:32

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Its that time again - hard to believe over 4 years has passed!

Anyway much to my dismay Toyota have stopped stocking the red stuff and are now only carrying pink coolant

I managed to source some from the UK so hopefully will land via parcel motel. Rang a second dealer and they'd only 1 litre left. Seems to be a few places online you can still source the older stuff from.

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## Coolant Change: Toyota Red Coolant

Posted by eringobragh - 2016/10/13 21:56

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Somemore MR2 TLC - Time for a coolant change - second since I've owned it - I dont think this was flushed on the last change, even though I requested it to be done.

Its pretty brown even for 4 year old coolant, 3 more flushes and I think it should be good.

<http://i.imgur.com/45w6K3g.jpg>

Level her off!

<http://i.imgur.com/eR4ybDz.jpg>

Coolants just over 4 years old now

<http://i.imgur.com/UUdGQBR.jpg>

Tried draining rad via connector.

<http://i.imgur.com/YFtz6bX.jpg>

Blocked and couldn't shift what was blocking it so pulled the plug altogether

Draining the pipes- they were blocked and had to punch a screw driver through them.

<http://i.imgur.com/h0jEmuM.jpg>

<http://i.imgur.com/eSlqVOB.jpg>

Batch no. 1

<http://i.imgur.com/RdEAL3l.jpg>

Batch no. 2

<http://i.imgur.com/IEmlctY.jpg>

Easy way of extracting from the overflow bottle without the hassle of pulling the bottle (purchased from ebay for little money)

<http://i.imgur.com/hl1b3Y6.jpg>

cable tie hose to the float

<http://i.imgur.com/WTk3n09.jpg>

Retired for the night

<http://i.imgur.com/f0BEBDy.jpg>

Afterthoughts:

I decided against using the drain plug on the engine block as its advised against

Its VERY VERY slow refilling, first drain I got 8 litres out,second 7 litres...I suspect there was airlocks so 8 litres should be the \*true\* amount

I'm changing out the thermostat, so I think I'm going to pull it tomorrow and do some further flushes without it in place as I think the thermostat bleeder hole is a bottleneck here...thoughts?

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## Re: Coolant Change: Toyota Red Coolant

Posted by b4ss - 2016/10/14 12:06

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nice write up so far :)Good luck with the rest of the work

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## Re: Coolant Change: Toyota Red Coolant

Posted by eringobragh - 2016/10/14 20:51

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b4ss wrote:

nice write up so far :)Good luck with the rest of the work

Cheers man

Bit of drama earlier!

Back to it today

Pulled the thermostat earlier to speed up process and yes it does significantly help

<http://i.imgur.com/vECXRnO.jpg>

<http://i.imgur.com/sGqZ9P6.jpg>

Bleed line

<http://i.imgur.com/IKc1Dd2.jpg>

<http://i.imgur.com/hqDgEf8.jpg>

Stuff coming out is alot better noww clear stuff coming out of it (after 5 flushes of 7 litres through it!)

<http://i.imgur.com/tYrKHxZ.jpg>

<http://i.imgur.com/53Vydf0.jpg>

Ready to go - no harm in wrapping the threads in PTFE tape - doesn't mention it in the BGB but I think it will give a better seal - torque to 17nm afterwards

<http://i.imgur.com/cRd8EIT.jpg>

Toyota for life red (imported from UK because Toyota Ireland are only doing the pink stuff now)

..Thats my mate in the bush waiting for me to finish this job!

<http://i.imgur.com/rD0rzav.jpg>

Onto the thermostat next - was all set until I opened the gates box and was greeted with this FFS

<http://i.imgur.com/1jvBOC3.jpg>

Grr on furter research it should be a 64mm thermostat vs the 56mm I ordered the gates autocat is wrong not me!

In future I'm going to cross refernce parts with the ToyoDIY diagrams

For reference the Toyota Part no

90916-03100

Gates Autocat says TH31282G1

It Should be

TH31182G1

Feckin nuisance!

I'm car-less now until the new one arrives, I know I could have gotten away with the old one but its small money to change it out and the hassle of bleeding the system, etc makes it worth swapping out especially since its a 4-5 year change

On the upside got a Genuine Toyota Thermostat and Gasket for €25 delivered

On the rothar Monday Morn :D

I've to do my rear droplinks - which should be in my parcelmotel locker in the morning

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**Re: Toyota Red Coolant**

Posted by Marty J - 2016/10/16 13:41

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Great thread, very helpful to owners that aren't familiar with the MR2.

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**Re: Toyota Red Coolant**

Posted by Tsporter - 2016/10/16 19:35

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Good stuff! Important job coming into the winter!  
How much was the coolant?

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**Re: Toyota Red Coolant**

Posted by Mister2 - 2016/10/16 21:14

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Excellent write up Erin ... I replaced the rad on mine 2 years ago, bleeding the system is a painful task!!  
+KC

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**Re: Toyota Red Coolant**

Posted by éringobragh - 2016/10/17 12:41

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Tsporter wrote:  
Good stuff! Important job coming into the winter!  
How much was the coolant?

About €60 delivered (via Parcel Motel) for 10 litres on the genuine stuff from this lad here

<http://www.ebay.co.uk/itm/350744453858>

.....about 8 Litres came out of her B)

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## Re: Toyota Red Coolant

Posted by eringobragh - 2016/10/27 11:17

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...Coolant Change Contd

Toyota Thermostat arrived during week

<http://i.imgur.com/JJaU19A.jpg>

Interesting observation - Kuzeh make the Toyota OEM thermostats (confirmed on other boards)

I pulled a Kuzeh out of the car which leads me to 2 theories

1) Blueprint rebox Kuzeh thermostats

2) The mechanic that done the coolant chnage last wasn't bothered changing out the stat I gave him

<http://i.imgur.com/DVFWxly.jpg>

<http://i.imgur.com/GDY4Ffj.jpg>

Thermostat in

<http://i.imgur.com/tNfGEoz.jpg>

Coolant bleed - about 1.5 hours to get all in - took nearly all the 8 litres it lost - tested fan kicking in on rad , etc

Success

While car is up on the stands I changed out the drop links to solved the knocking on passenger left rear

<http://i.imgur.com/3ITjsxV.jpg>

First side took 15 mins

<http://i.imgur.com/MfzydKY.jpg>

...thanks to this beast of a yoke.....available on amazon for £66

<http://i.imgur.com/Yn4S9zG.jpg>

Old one was pretty tired and leaking at bottom boot

<http://i.imgur.com/WCccPYj.jpg>

I dont know what happened with this side but I noticed it had fresher nut on the end of it that was easily shifted

Look what the last butcher done to it - its lasted 6 years as I haven't touched these since I owned here

<http://i.imgur.com/SrT632s.jpg>

The other side (working one) wasn't so easy

The nuts cracked off handy enough with the impact gun but the allen key centre jst crumbled

<http://i.imgur.com/QwyutOU.jpg>

Got a vice grips and plumbers pliers in there behind and shifted it eventually albeit about 45 mins later -

<http://i.imgur.com/wlA9DJ4.jpg>

New one in torqued to 49nm

<http://i.imgur.com/MfzydKY.jpg>

Old ones for the skip

Intial opinions assuming the ones below are genuine toyota parts the blueprint appear to be vastly superior quality wise to what came out

<http://i.imgur.com/zfYmAH3.jpg>

Blue print using a 17mm nut vs Toyotas 14mm FYI :cool:

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### Re: Toyota Red Coolant

Posted by dufunk - 2017/01/31 16:04

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Thermostat's seem to be pretty common for failing or is it just old age? I'm having an issue with the Celica not warming up unless I'm in and around the town or idling which must relate to the heater in the car not being great unless she is at 90 degrees on the termostate then it works fine. Also she will idle that bit higher around 1800rpm meaning the engine isn't heating right up to normal operating temperate when it should be after 10/15mins driving.

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### Re: Toyota Red Coolant

Posted by eringobragh - 2017/01/31 22:32

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dufunk wrote:

Thermostat's seem to be pretty common for failing or is it just old age? I'm having an issue with the Celica not warming up unless I'm in and around the town or idling which must relate to the heater in the car not being great unless she is at 90 degrees on the thermostat then it works fine. Also she will idle that bit higher around 1800rpm meaning the engine isn't heating right up to normal operating temperature when it should be after 10/15mins driving.

They either work or they don't - in my case it was 6 years old and was as cheap to change while I had the coolant out

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