

## MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/03/11 19:39

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Hey ive got another build i finally got around to.

Got this shell from a member (st182r) here last year.

The plan is to get it resprayed and fit my rainbow colored rev3 3SGTE into it.

here are some pics so far

<http://i.imgur.com/U5j2OGv.jpg>

<http://i.imgur.com/saed0b5.jpg>

<http://i.imgur.com/m8fGCEh.jpg>

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

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

And now i can finally begin...

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

This is the engine that will be dropped into her, needs a few seals changed.

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

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## Re: MR2 road car build + 3SGTE engine

Posted by st182r - 2014/03/11 20:42

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Was wondering what happened to that shell. Look forward to seeing this bein done. Best of luck man. ;)

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/03/11 20:47

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thanks, yeah had to take the n/a out of the track car first and drop in a 3sgte then had to take the colorful

3sgte out of my red one and drop the n/a into it to get it ready for sale,

now i can work on this car, lots of engine swapping was done lol

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## Re: MR2 road car build + 3SGTE engine

Posted by st182r - 2014/03/11 20:50

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Lol. Like a game of musical engines;)

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/03/11 20:51

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just madness lol.

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**Re: MR2 road car build + 3SGTE engine**

Posted by Luksander - 2014/03/11 20:54

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no doubt. very colorful engine looks nice:)

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**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/03/11 20:57

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Luksander wrote:

no doubt. very colorful engine looks nice:)

thanks, hopefully the bhp output will be as good as its looks :)

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**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/03/12 21:34

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Covering up the aerial and spoiler holes with fiberglass.

<http://i.imgur.com/pSZGCK3.jpg>

Replacing all the seals on the engine and ordered a new oil pump today.

Lovely Wossner pistons are visible there, they are like mirrors so clean :D

<http://i.imgur.com/Yy5v49s.jpg>

<http://i.imgur.com/m81Cthf.jpg>

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

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

<http://i.imgur.com/BfT4Kzc.jpg>

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**Re: MR2 road car build + 3SGTE engine**

Posted by Rex Banner - 2014/03/12 21:47

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Great build and pictures. Keep up the good work KC+1 :)

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**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/03/12 21:49

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Thanks will do, ill be working on it pretty much every day so there will be plenty of updates :)

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/03/13 20:02

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Did some fiberglass work on the boot scoop

<http://i.imgur.com/LEdbMU7.jpg>

Stripped the back and some of the interior

<http://i.imgur.com/mr0CdbZ.jpg>

<http://i.imgur.com/Txj7UOa.jpg>

Cut the mesh piece off to give the car a better look, like the car in the bottom pic.

<http://i.imgur.com/Ac2RGRW.jpg>

<http://i.imgur.com/6yCz5tj.jpg>

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/03/14 20:33

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Interior cleaned up a bit still need to pull the dash out

<http://i.imgur.com/9jvXnCf.jpg>

Cleaning up the engine bay getting it ready to spray and dropping the fuel tank to fit the walbro fuel pump.

<http://i.imgur.com/6fNM3Nt.jpg>

front stil has to be cleaned up

<http://i.imgur.com/E60Uwvb.jpg>

the parts are piling up :)

<http://i.imgur.com/LBYZ3o1.jpg>

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/03/18 19:36

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Only got a chance to drop the fuel tank today and strip most of the engine bay, also started cleaning up all the leaves in the frunk.

<http://i.imgur.com/e1mQdOm.jpg>

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/03/19 21:39

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New crank seal arrived today, new oil pump and the boost sensor for the emanage.

<http://i.imgur.com/u0hHpuZ.jpg>

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

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/03/21 19:45

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Got some new seals today from toyota

<http://i.imgur.com/4kLXP73.jpg>

Replaced the 2 cam seals

<http://i.imgur.com/FrW7dq9.jpg>

Took the glass out and removed the rubber seals around the door

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

Carried her outside for a wash :D

<http://i.imgur.com/7KKjdxt.jpg>

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/03/25 19:58

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nearly done with the bottom end.

<http://i.imgur.com/JMA7u4D.jpg>

<http://i.imgur.com/NCiPK7z.jpg>

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/03/26 20:54

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did the timing belt on the engine today, closed up the bottom end and spent most of the day cleaning the engine bay with thinners to get it ready for spraying.

<http://i.imgur.com/Dw1o1Fr.jpg>

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/03/27 19:53

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Finally finished scrubbing the engine bay with thinners, was at it for about 3 days trying to get every gap

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clean went over it a few times. hopefully gonna put some paint on it tomorrow.

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

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/03/27 20:02

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Just couldnt resist buying this, needed a replacement anyway.

[http://www.ebay.co.uk/itm/Turbo-Oil-Feed-Return-Line-Kit-TOYOTA-3S-GTE-3SGTE-Rev-3-MR2-w-CT26-291099890993?pt=AU\\_Car\\_Parts\\_Accessories&hash=item43c6e7d531](http://www.ebay.co.uk/itm/Turbo-Oil-Feed-Return-Line-Kit-TOYOTA-3S-GTE-3SGTE-Rev-3-MR2-w-CT26-291099890993?pt=AU_Car_Parts_Accessories&hash=item43c6e7d531)

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/03/28 20:33

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No paint today unfortunately didnt get much time at it today, just got newspaper to cover parts i dont want sprayed.

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

<http://i.imgur.com/3HNP9fl.jpg>

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## Re: MR2 road car build + 3SGTE engine

Posted by mike... - 2014/03/31 09:21

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your going well..would have loved the engine out like that the time id to do the timing belt on mine after the water pump sized.ha..looking forward to seeing updates on this build

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/04/02 20:32

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got the oil feed/return pipe in the post today, still has to be fitted

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

finished spraying the engine bay today.

<http://i.imgur.com/Bj8QuX0.jpg>

<http://i.imgur.com/7oypD9O.jpg>

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

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/04/12 21:22

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another quick update, finished the engine bay, got the fuel tank back on the car.

<http://i.imgur.com/z8BYsVU.jpg>

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

<http://i.imgur.com/Jw7CCzn.jpg>

holes covered with lots of fiberglass, now sanding down the filler

<http://i.imgur.com/gVj1W7P.jpg>

cut a hole to do the wire tuck properly this time.

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

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/04/14 23:36

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Before and after pic of the discs, gonna paint them green maybe :P

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

Installed the oil feed and replaced the little hoses going to the oil cooler, hose from hell i believe its called.

<http://i.imgur.com/nPVp05R.jpg>

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/04/23 20:03

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Flywheel, clutch and gearbox fitted

<http://i.imgur.com/gYTit2t.jpg>

<http://i.imgur.com/pK30r5e.jpg>

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## Re: MR2 road car build + 3SGTE engine

Posted by weeJohn - 2014/04/23 22:41

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I like this build, love the engine bay colour.

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/04/26 23:39

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got a box of good hose clamps to replace the original ones holding the cooling system together, gonna get a 1.3bar coolant cap too

<http://i.imgur.com/XoVkPM8.jpg>

<http://i.imgur.com/CehlRh1.jpg>

Battled with this oil feed/return for a while.

i couldnt get the return to pass through without hitting or touching off the downpipe, but got it in the end.

<http://i.imgur.com/ua9IJOY.jpg>

Engine should be in the car next week!

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## Re: MR2 road car build + 3SGTE engine

Posted by [spla300](#) - 2014/05/02 00:18

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My first time trying to weld steel... aluminium welding seems easier lol  
cracks kept appearing around the places i welded so i kept following them around.

<http://i.imgur.com/LjZTL0Z.jpg>

im saving up for this downpipe since the welded one wont hold out much longer.

[http://www.ebay.co.uk/itm/TOYOTA-CELICA-ST205-GT4-T3-T4-STAINLESS-STEEL-EXHAUST-DECAT-DE-CAT-DOWNSPIPE-/320817409330?pt=UK\\_CarsParts\\_Vehicles\\_CarParts\\_SM&hash=item4ab2352d32](http://www.ebay.co.uk/itm/TOYOTA-CELICA-ST205-GT4-T3-T4-STAINLESS-STEEL-EXHAUST-DECAT-DE-CAT-DOWNSPIPE-/320817409330?pt=UK_CarsParts_Vehicles_CarParts_SM&hash=item4ab2352d32)

Also got the engine in today, gonna wire everything up and have it running before i start with the painting

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

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## Re: MR2 road car build + 3SGTE engine

Posted by [spla300](#) - 2014/05/02 23:03

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Was working on the wiring today

<http://i.imgur.com/xUQ00ys.jpg>

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## Re: MR2 road car build + 3SGTE engine

Posted by [Bommie](#) - 2014/05/03 01:36

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kc'd [spla](#), great work as ever B)

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/06 20:49

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thanks!

got the wiring done just to start the engine, started up first time, only had it running for about 15seconds since there is no coolant, gonna try get her on the wheels by the end of the week hopefully and start prepping her for paint.

And here's a few pics of the progress...

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

<http://i.imgur.com/J0PVDKa.jpg>

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

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/08 20:15

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took apart the calipers and greased up all the moving parts

<http://i.imgur.com/qDvhz4V.jpg>

bled all the brakes and the clutch

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

clutch wouldnt work after 5 min of bleeding it so i took it apart

<http://i.imgur.com/QACbcV9.jpg>

inside was all full of rust, the piston was stuck in the pressed position and wouldnt go back out

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

i got my hands on another master cylinder, ill try it tomorrow.

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/09 22:55

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Fitted the clutch today and it worked after a minute of bleeding it, also installed the rest of the hose clamps, topped her up with coolant and had her idling for a while.

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

There were no leaks from the engine but the left driveshaft seal was leaking, dont know why because the seals in it are new, will have to pull the drive shaft out and replace it on monday.

And just before i was gonna put the wheels on i noticed the front right brake line was leaking at the banjo bolt, replaced copper washers a few times and cleaned the surfaces but it just got worse, so i decided to order a braided brake kit.

[http://www.ebay.co.uk/itm/TOYOTA-MR2-TURBO-SW20-AEROQUIP-S-STEEL-BRAIDED-BRAKE-LINE S-HOSES-PIPES-MLR-VB-/400706660378?pt=UK\\_CarsParts\\_Vehicles\\_CarParts\\_SM&hash=item5d4bf a681a](http://www.ebay.co.uk/itm/TOYOTA-MR2-TURBO-SW20-AEROQUIP-S-STEEL-BRAIDED-BRAKE-LINE-S-HOSES-PIPES-MLR-VB-/400706660378?pt=UK_CarsParts_Vehicles_CarParts_SM&hash=item5d4bf a681a)

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/12 20:03

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Attempting to fit the chargecooler rad up front, its putting up a fight, nothing wants to fit but i think im getting there slowly.

Got the pipe to fit out through a gap at the top but the bottom pipe will be in the way of the fog light... will worry about that when im fitting the fog lights.

Now ill have to come up with some sort of brackets to hold the rad in place.

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

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

<http://i.imgur.com/wNuUS2n.jpg>

<http://i.imgur.com/w7mFar1.jpg>

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## Re: MR2 road car build + 3SGTE engine

Posted by spurs mr2 - 2014/05/12 22:42

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ya are making some job of the car fair play to ya!

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/13 00:47

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cant wait to have her on the road, took the track car for a quick rip down the back roads, sickened i wasnt able to drive it on the road.

Ordered a few of these water pumps, ill be using 2 for the chargecooler if 1 wont be enough.

[http://www.ebay.co.uk/itm/100PSI-4L-Min-High-Pressure-Diaphragm-Water-Pump-12V-For-Car-Caravan-Marine-Boat-/390801603531?pt=UK\\_CarsParts\\_Vehicles\\_BoatEquipment\\_Accessories\\_SM&hash=item5afd973bcb](http://www.ebay.co.uk/itm/100PSI-4L-Min-High-Pressure-Diaphragm-Water-Pump-12V-For-Car-Caravan-Marine-Boat-/390801603531?pt=UK_CarsParts_Vehicles_BoatEquipment_Accessories_SM&hash=item5afd973bcb)

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/13 20:20

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finished mounting the radiator up front, wasnt as difficult as it started out to be, has a perfect tilt too.

<http://i.imgur.com/Un1vnGi.jpg>

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

<http://i.imgur.com/qMEw54P.jpg>

<http://i.imgur.com/89dvrg5.jpg>

got magnetic sump bolts in the post :)

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<http://i.imgur.com/8ByOmL2.jpg>

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### Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/13 20:23

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also made a quick vid of her idling, i think the gearbox rebuild was successful because there are no more rattles :D

<http://youtu.be/4F1MMgsuyTQ>

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### Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/15 22:50

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made 2 side vent covers, the second one is for the track car, will start cutting the holes when i get the fans.

Just ordered 2 7" fans.

[http://www.ebay.co.uk/itm/7-Universal-Car-12V-80W-Slim-Reversible-Electric-Radiator-Cooling-Fan-Push-Pull-/251398622512?pt=UK\\_CarsParts\\_Vehicles\\_CarParts\\_SM&hash=item3a88868d30](http://www.ebay.co.uk/itm/7-Universal-Car-12V-80W-Slim-Reversible-Electric-Radiator-Cooling-Fan-Push-Pull-/251398622512?pt=UK_CarsParts_Vehicles_CarParts_SM&hash=item3a88868d30)

<http://i.imgur.com/XoEgBs7.jpg>

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

<http://i.imgur.com/1DEhF17.jpg>

<http://i.imgur.com/8NWSIPS.jpg>

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### Re: MR2 road car build + 3SGTE engine

Posted by Infamous - 2014/05/16 01:19

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I'm not sure why you would block the side vents off?

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### Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/16 01:24

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I'm not I said I ordered 7" fans and the eBay link is there too.

I'll cut out holes when I get them fans.

This was just a test fit.

**Re: MR2 road car build + 3SGTE engine**

Posted by Infamous - 2014/05/16 01:41

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Yeah I saw that you ordered the fans, I thought you were leaving it blocked off then.  
Makes more sense now lol.

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**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/05/16 18:56

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yeah my fault didnt do a great job at explaining, was eating a kebab while i was typing all that out, my mind was on the food lol

Got 2 bumper retainers from toyota today

<http://i.imgur.com/zEEZEw7.jpg>

Also found 2 bolts for camber adjustment only gonna use 1 on each side.

<http://i.imgur.com/h0zLZE4.jpg>

<http://i.imgur.com/d3JESYi.jpg>

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**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/05/17 19:42

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Jesus christy that is some build fair play to you i envy you commitment i would be crying if someone gave me a car to fix like that well done lad

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**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/05/17 19:46

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dmac wrote:

Jesus christy that is some build fair play to you i envy you commitment i would be crying if someone gave me a car to fix like that well done lad

I think all the body work ur doing is harder than anything i had to do on this build so far, prepping the engine bay was the most difficult though, i really enjoy the rest though.

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**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/05/17 19:51

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Got the brake lines in the post today, installed them and no more leaks :D

<http://i.imgur.com/As2EWxq.jpg>

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

<http://i.imgur.com/xO6NM6a.jpg>

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**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/05/17 19:53

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The difficulty of taking out an engine replacing seals remembering where all the pipes go no thanks if you dont have a ramps of some sort total nightmare, atleast i now know someone who can do it :laugh:

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**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/05/17 19:59

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No need to remember anything, everything only goes back together 1 way so you cant really screw it up and you can always ring a few members from here for help.

As for lifting the car all you need is an engine crane for around 100e and 6 pallets.

Next time i do your engine work and you do my bodywork :)

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**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/05/17 20:02

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Lol ,i do like the engine bay what colour is the body going to be ?and one more question how difficult is it to set up the charge cooler system

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**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/05/17 20:26

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Gonna spray it the original black that it was and then ill be going to Japohara for some stickers.

For the chargecooler you need a few minor bits like hoses, water pumps and throttle sock, im actually doing the installation now, also will be doing it on the track car too.

(stay tuned for pics)

You just need to make up a few brackets to mount the rad up front, the fiat cinquecento rad works well i heard, you only really need a drill and grinder for installation and should only take maybe 2 days, and i think you will have to get rid of your a/c rad and a 10kg compressor on the engine (who needs the useless weight right?)

Check out this thread for installation its pretty good.

<http://www.imoc.co.uk/forums/viewtopic.php?t=103914>

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**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/05/17 20:31

Will do thanks for the link , are you going to spray the car yourself?

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**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/05/17 20:32

Yep everything will be done by myself.  
Built not bought :D

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**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/05/17 20:35

Fair play lad ,have you sprayed cars before ? if so whats the finish like

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**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/05/17 20:38

not really the biggest thing i had to spray is the purple engine bay and i was happy with it. Prepping is the hardest thing to do spraying is the easy part.

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**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/05/17 20:42

Not so sure about that, overspray , orange peel runs in the paint i tried it once did not work to well for me but i have 2 left hands ;) but if you have a steady hand and a keen eye you be ok

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/05/17 20:53

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you need to use wet sandpaper to get rid of the orange peel but dont sand it too much or you will hit the primer and will have to spray again,  
The more layers of paint you apply the less the risk of sanding right down to the primer.

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**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/05/17 20:59

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I was going to get my friend to try it but the compressor we use wont handle it so plasti dip is my way forward till i rob a bank , i would love to see the finished product , how far away from painting are you

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**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/05/17 21:01

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Im about 2 weeks away from painting

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/05/17 21:10

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Well i have to commend your skills fair play i be watching this closely

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**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/05/18 19:36

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Got my bro to photoshop my old mr2 and change it to black since everything is gonna be the same except the colour, gives you an idea of what the finished product will look like, colour will be a gloss black though he still did a good job.  
<http://i.imgur.com/GVGAWEX.jpg>

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**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/05/19 08:05

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Thats a mad looking colour car looks nice i was going to say put a spoiler on it but with the vent/scoop not sure it would work, will still look good without one

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/19 20:55

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Yeah dont know if ill put a spoiler on or not yet, im sure ill be able to find something that will fit.

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/19 21:03

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Here is all the plumbing for the chargecooler, i cant find the hose i want so im using this for now, ill replace it at a later stage.

<http://i.imgur.com/mGiOXW0.jpg>

<http://i.imgur.com/rpY8NPZ.jpg>

<http://i.imgur.com/jZ9HkD6.jpg>

<http://i.imgur.com/J2gHr7k.jpg>

<http://i.imgur.com/5puHbl3.jpg>

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

Couldnt find my lock adaptor thing for the wheelnuts so had to make one...

<http://i.imgur.com/9oyZwKW.jpg>

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

<http://i.imgur.com/aKToh3g.jpg>

Finally got the wheels on and got the car down on the ground.

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

<http://i.imgur.com/nT5wMQa.jpg>

Started doing some wet sanding with a little soap to get rid of all the road tar on the car. turning out matt black, starting to look like the colour of the mr2 in my pevious post.

<http://i.imgur.com/F9HhjsH.jpg>

<http://i.imgur.com/p7msoG2.jpg>

<http://i.imgur.com/jd94GIR.jpg>

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## Re: MR2 road car build + 3SGTE engine

Posted by dmac - 2014/05/20 09:04

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Right i see what you have to do now sure that hose will be fine the samco type would be expensive to

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run it from front to back , the prep work is coming along fine ,well done keep them pics coming

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/20 19:23

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Yeah chargecooler install isnt too difficult if you have the tools and the garage to do it. Im thinking the hose diameter may not be big enough but sure if something cheap and cheerful comes along ill buy it, this will do for now.

Here are some pics of filler, primer and sanding over and over again...

- <http://i.imgur.com/7FiVFh2.jpg>
- <http://i.imgur.com/4cnaTxa.jpg>
- <http://i.imgur.com/vG7eaVF.jpg>
- <http://i.imgur.com/64AJk3Q.jpg>
- <http://i.imgur.com/OWI0Jhg.jpg>
- <http://i.imgur.com/JM8YvVM.jpg>

Here are the 2 water pumps for the chargecooler, they fit in front of the wheel perfectly. Each one is 4 lpm so 2 of them will pump at 8 lpm, should be enough.

- <http://i.imgur.com/qlYrnVa.jpg>
- <http://i.imgur.com/ztLPclU.jpg>
- <http://i.imgur.com/2Os88Cs.jpg>
- <http://i.imgur.com/TcAHCas.jpg>
- <http://i.imgur.com/PEuQTIs.jpg>
- <http://i.imgur.com/h1WoNNc.jpg>
- <http://i.imgur.com/wcqGde7.jpg>
- <http://i.imgur.com/Cl2PwSu.jpg>

And another bigger box for the boot to tidy all the wiring, will hopefully have that installed tomorrow.

<http://i.imgur.com/K8Jbf5z.jpg>

=====

## Re: MR2 road car build + 3SGTE engine

Posted by dmac - 2014/05/20 20:56

---

jack of all trades ;) how much brake do you think the charge cooler will ad ?

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/20 21:10

---

dmac wrote:

jack of all trades ;) how much brake do you think the charge cooler will ad ?



probably not enough lol.

im putting in the extra pump just in case because last summer 1 wasnt enough the whole rad was heatsoaked.

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/05/20 21:35

-----

add another 2 so overkill and all that

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/05/20 21:47

-----

I might when i get a bigger hose :)

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/05/22 21:18

-----

Still doing the sanding,

Starting to look like an mr2 now, brought her for a little spin and everything seems to be ok.

<http://i.imgur.com/ku4oGln.jpg>

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/05/23 09:49

-----

Starting to take shape ,at least you know its all working right ,are you going to put the windscreen back yourself?

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by slipsliderg - 2014/05/23 10:33

-----

Good work SPLA, keep it up.

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/28 23:01

---

I have another crashed mr2 with a perfect windscreen, gonna cut it out of that and glue it in myself.

More sanding still going on..

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

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

<http://i.imgur.com/EGMBUe7.jpg>

<http://i.imgur.com/30x9IVC.jpg>

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

Got tired of sanding so i did more work on the chargecooler pumps today and the flow of water is pretty good.

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

<http://i.imgur.com/qFBIV1P.jpg>

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/29 21:18

---

More sanding and fiberglass.

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

<http://i.imgur.com/RDv2XTO.jpg>

<http://i.imgur.com/Pz2eRdB.jpg>

<http://i.imgur.com/EGiqph7.jpg>

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

<http://i.imgur.com/Oad4LD3.jpg>

<http://i.imgur.com/1A2fSJi.jpg>

=====

## Re: MR2 road car build + 3SGTE engine

Posted by st182r - 2014/05/29 21:42

---

Fair play man coming along well.

Cant wait to see it finished.

Kc,d

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/30 00:50

---

st182r wrote:

Fair play man coming along well.  
Cant wait to see it finished.  
Kc,d

Thanks, yeah me too lol.

Everything seems to be going as planned, the car with the doors the way it is now should be going in for the respray in the next few days, then ill be able to start putting the interior back in and also finish off prepping the bodykit and the rest of panels and spray them after the car.

=====

## Re: MR2 road car build + 3SGTE engine

Posted by dmac - 2014/05/30 08:52

---

Well done lad your flying , will be nice to see it finished

=====

## Re: MR2 road car build + 3SGTE engine

Posted by Marty J - 2014/05/31 14:51

---

I just read through the entire thread.

Great work on the MR2. :cheer:

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/05/31 18:41

---

Car is mostly finished now and ready to be primed.

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

More fiberglass on the bumpers.

<http://i.imgur.com/flmH4VZ.jpg>

<http://i.imgur.com/qH9gIYB.jpg>

Washed the sideskirts, some difference, i barely ever washed the car lol.

<http://i.imgur.com/Gc9aL0j.jpg>

Also discovered coolant leaking today out of the copper pipe going from the engine to the heater up front, there must be a crack in it and ill have to pull the fuel tank out to get it out...

=====

## Re: MR2 road car build + 3SGTE engine

Posted by dmac - 2014/05/31 21:23

---

---

That leak will be no bothers to you , oh good body work by the way cant i rent you for a day to work with me :) that fiberglass work look good  
Who is going to paint the car?

=====  
**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/05/31 21:39

---

Yeah ill fix the leak after the respray its just anoying though.

This is only my second time ever working with this commercial fiberglass, im not that great with it, im only after learning the correct amount of hardener that needs to be added to the resin lol  
It always either turned to rubber or hardened instantly and cracked...

Ill be borrowing a friends new spraying booth which was just built, hes only 100m down the road could nearly drive the car to him, ill be spraying it myself there.

=====  
**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/05/31 21:41

---

Does your friend do that for a living ? You seem to be a fast learner

=====  
**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/05/31 21:52

---

Yeah.  
Well just mix the fiberglass resin, soak the fiberglass sheet in it and slap it onto the cracked area....  
its not that difficult lol

=====  
**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/05/31 22:05

---

No the hard part is getting it right on the outside of the bumper but i have faith you have a panel beater 100m away :laugh:

Re: MR2 road car build + 3SGTE engine

Posted by mackers0194 - 2014/06/01 23:47

Doin a great job with this build. wish I could have your confidence to just get stuck in. :cheer:

=====

Re: MR2 road car build + 3SGTE engine

Posted by finnegan777 - 2014/06/02 03:29

sweet looking build B) nice engine :P

=====

Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/06/05 19:28

@dmac yeah suppose it would be harder on the outside :P use filler where possible.

@mackers its not even the confidence its the will to do it and once you start you have no choice but to keep going, start the project today let your future self worry about the work thats gonna have to be done tomorrow :D

@finnegan thanks man, you still have that front strut brace? i forgot all about it, tried texting you yesterday but no reply.

Still doing the sanding...

Right rear will need to be filled and sanded again.

Sanded down the left side to a shiny finish with 800sandpaper,

<http://i.imgur.com/lsSU2wv.jpg>

<http://i.imgur.com/powG6tu.jpg>

sanding the whole roof with 800.

<http://i.imgur.com/d8hO3vM.jpg>

Doing the whole car with 800grit now and in the end will go over everything again with 1200

=====

Re: MR2 road car build + 3SGTE engine

Posted by finnegan777 - 2014/06/05 21:20

Sorry lad i didnt think you still wanted it :( .. i was stuck for money one day and to let it go on :/,,, if i find another one though i'll give ya it for free B) B) aaaaaand i mayyyy have given you the wrong number :laugh: .. its 083 1748715

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/06/05 21:27

---

ah well shit happens.

thanks and yeah the number i had was 1798715

i wonder who i texted lol.

ill need 2 so let me know when you get some, ill check out a few other places in the meantime and see what happens.

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/06/06 08:41

---

Looking good wont be long now before shes on the road stickered to the last

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/06/06 22:24

---

hope so, need to filler a few more pinholes in the filler and then ill be priming.

what you guys think of this design? anyone got more ideas?

<http://i.imgur.com/XsGKe5Z.jpg>

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/06/06 23:26

---

Im not a big fan of stickers on cars but that is very tastefully done the colours are nice and it looks very well if you stick to that it would be sweet

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by finnegan777 - 2014/06/07 13:12

---

spla300 wrote:

ah well shit happens.

thanks and yeah the number i had was 1798715

i wonder who i texted lol.

ill need 2 so let me know when you get some, ill check out a few other places in the meantime and see what happens.

sorry about that :/ yea ill keep an eye out as well B) B) haha probably the same person everyone has been texting for the last month :laugh: :laugh:

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/06/07 15:50

---

filled the pin holes today just finishing off the sanding of the car and getting her primed next week :)  
Sanded down the door handles too  
<http://i.imgur.com/fDhC86w.jpg>  
more fiberglass and filler on the front bumper, i didnt realise the bumper was in such a mess until now lol

<http://i.imgur.com/6NOnQDN.jpg>  
<http://i.imgur.com/3hH4EUI.jpg>

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/06/11 21:19

---

Got power steering fluid from toyota,  
<http://i.imgur.com/W5w5D6g.jpg>  
And primer to prepare the car for respray.  
<http://i.imgur.com/n3gWY18.jpg>  
Took the doors off and started covering parts with newspaper.  
<http://i.imgur.com/Ym8d7Se.jpg>  
<http://i.imgur.com/NDkBCdG.jpg>  
<http://i.imgur.com/i2Ndqxs.jpg>  
When i took the doors off i noticed the bottom edge was pretty rusty which was hard to see when the door was on the car,  
The passenger door was in the pretty bad state, driver one only had 2 little marks on it.  
<http://i.imgur.com/jaFUYj2.jpg>  
<http://i.imgur.com/fsJIVZu.jpg>  
<http://i.imgur.com/mSqclxL.jpg>  
<http://i.imgur.com/rTtX2ry.jpg>  
<http://i.imgur.com/bFYkaoL.jpg>  
<http://i.imgur.com/dEqB5gg.jpg>  
<http://i.imgur.com/fda6D1G.jpg>

=====

## Re: MR2 road car build + 3SGTE engine

Posted by Marty J - 2014/06/12 00:56

---

Here's a KC+ for your dedication, hard work and keeping us updated with the photos. :)

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/06/12 19:40

---

Thanks here is more :)

Got the fans in the post today and got them fitted,

<http://i.imgur.com/s0Rbb3p.jpg>

<http://i.imgur.com/qgorL1Z.jpg>

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

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

<http://i.imgur.com/xl4wNd9.jpg>

Finished covering the car in newspaper and started priming the car and doors.

<http://i.imgur.com/40fg4zR.jpg>

<http://i.imgur.com/qULt1Kz.jpg>

<http://i.imgur.com/FSk0MPM.jpg>

<http://i.imgur.com/aixl0cD.jpg>

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

<http://i.imgur.com/fwLTF7D.jpg>

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/06/13 18:39

---

some black paint to see low spots while sanding

<http://i.imgur.com/CORzJT8.jpg>

<http://i.imgur.com/bPUfO2y.jpg>

Should be giving her another coat of primer tomorrow.

=====

## Re: MR2 road car build + 3SGTE engine

Posted by Marty J - 2014/06/13 19:13

---

What's the spec on your air compressor?

Would 100 liter, 3hp be OK for spraying ?

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/06/13 19:32

---



Im not sure what would be ok for spraying im only doing the priming.  
Im using an ingersoll 200L 5.5hp  
Yours should be ok if it builds up 8bar, the only problem you could have is stopping and waiting every 5 min till the pressure builds up

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by mackers0194 - 2014/06/13 22:59

---

the size of the compressor needed will depend on the spraying equipment being used. 100 litre would be ok for a simple pot gun but if you will be using anything else you would need to check what the equipment recommends.

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by finnegan777 - 2014/06/14 10:24

---

You'll be grand.. I use a small 22 L electric compressor with a regulator.. works perfect and pressure never drops... so a 100 L will be the very best..

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by Marty J - 2014/06/14 12:08

---

I don't actually have one yet. I was looking at a few and when you go larger than 100 liters the price of the compressors seems to get very expensive.

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/06/14 14:55

---

You could buy 2 100L compressors, a good one and a cheap one with a broken motor and just link them together and have 200L.

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/06/14 18:50

---

Well done spla keep it up you be done in no time

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/06/18 23:07

---

Got more primer, primed again, hopefully this will be the last time, hands are sore from all the sanding, and i tried taking the panorama photo of everything.

<http://i.imgur.com/IAQ9E74.jpg>

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

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

<http://i.imgur.com/ZUvL2M3.jpg>

<http://i.imgur.com/klUgB4O.jpg>

<http://i.imgur.com/7iHys9q.jpg>

<http://i.imgur.com/XbZAU3y.jpg>

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/06/20 21:45

---

Primed once again, didnt like the way the previous one turned out.

<http://i.imgur.com/0UptlGW.jpg>

<http://i.imgur.com/UBN4J3L.jpg>

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

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/06/23 22:00

---

Thats pretty much it with the sanding :D

shes off to get sprayed tomorrow if the spraying booth isnt being used.

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

<http://i.imgur.com/A4sk9O5.jpg>

<http://i.imgur.com/0h5QzED.jpg>

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/06/24 23:35

---

Finished up with the sanding and got the car up on the lift to track her

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

After that i towed her down the road for a respray, took lots of pics :)

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

<http://i.imgur.com/AHSJ2lx.jpg>

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

<http://i.imgur.com/AfdX5df.jpg>

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

<http://i.imgur.com/FSrwaW7.jpg>

<http://i.imgur.com/v3Axrua.jpg>

<http://i.imgur.com/wL2EQ6X.jpg>

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

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

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

Here you can see the difference with the lacquer applied

<http://i.imgur.com/zIB4oMk.jpg>

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

<http://i.imgur.com/z4VFI3R.jpg>

Gonna start putting her back together tomorrow :D

---

## Re: MR2 road car build + 3SGTE engine

Posted by Marty J - 2014/06/25 11:16

---

Good to see another MR2 being restored. :yes:

How many liters of paint and lacquer are you using ?

---

## Re: MR2 road car build + 3SGTE engine

Posted by st182r - 2014/06/25 19:55

---

Nearly there man. ;) kc,d

---

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/06/25 22:37

---

Thanks!

used 1.5L of paint and 2L of lacquer.

6 coats of paint and 3 coats of lacquer.

Never actually sprayed the car myself like i thought i would but it was done under my strict supervision

:D

**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/06/25 22:49

---

Looking good spla maybe it is better letting the pro do it

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/06/25 22:59

---

dmac wrote:

Looking good spla maybe it is better letting the pro do it

Well now we will never know :P

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/06/26 20:21

---

Got the doors on today

<http://i.imgur.com/mA8jU9N.jpg>

<http://i.imgur.com/EDsIsF1.jpg>

pioneer speakers for the doors.

<http://i.imgur.com/i58aFWU.jpg>

And i think thats all the carpets hoovered and fitted

<http://i.imgur.com/SSCKD4T.jpg>

<http://i.imgur.com/6phOmbk.jpg>

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/06/28 16:35

---

Doing all the electronics now, wiring in the alarm

<http://i.imgur.com/19hrTuy.jpg>

Getting wings ready for respray.

<http://i.imgur.com/UEn1HM7.jpg>

<http://i.imgur.com/4zkpRbw.jpg>

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/01 20:50

---

got most of the alarm wired in, just a couple of more safety wires left for the remote start and needs to be tucked away properly, also got the dash in today.

<http://i.imgur.com/F7Lg1iC.jpg>

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by dan - 2014/07/01 22:27

---

Fair play to you man, thats a great build!

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/02 00:35

---

dan wrote:

Fair play to you man, thats a great build!

Thanks, actually how you getting on with your build???

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/02 20:15

---

Good news: The insurance company recieved the payment and im insured :D

Bad news: Need to drop fuel tank, basically car isnt ready yet and shes back up on the pallets :P

<http://i.imgur.com/K2NptrM.jpg>

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/03 20:45

---

Dropped the fuel tank and got them pipes out, the one in the bottom pic was leaking where the bracket is soldered on.

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

<http://i.imgur.com/PJs9TjL.jpg>

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

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/07 19:26

---

Taking the bumpers and wings off the track car for now until i get the bodykit resprayed. Nearly there, need the glass put in, finish off the interior like seatbelts, seats and plastics, still a crap load of wiring to do like the boost controller, gauges and the computer, hoping to have her on the road by the weekend :D

<http://i.imgur.com/FGdlo3X.jpg>

<http://i.imgur.com/FbgCq6f.jpg>

<http://i.imgur.com/U5wigwS.jpg>

---

## Re: MR2 road car build + 3SGTE engine

Posted by Marty J - 2014/07/07 21:13

---

Was the windscreen difficult to remove. Is it a 1 or 2 man job ?

I see you have the AeroCatches. I need to install mine before it goes back on the road.

---

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/07/07 21:31

---

yeah the windscreen is difficult to remove, with the right tools its a 1 man job.

where did you get your aerocatches? i need to get 2 sets with locks.

---

## Re: MR2 road car build + 3SGTE engine

Posted by Marty J - 2014/07/07 21:36

---

I don't remember where I bought them, a UK site i think, have them sitting around for quite a long time now.

They are lockable, model number 125 - 2100 flush locking kit.

---

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/07/07 21:37

---

how much did they cost?

---

=====  
**Re: MR2 road car build + 3SGTE engine**

Posted by Marty J - 2014/07/07 21:43

---

They were bought a few years ago, so I can't remember the price either.

The model I have says that you need to apply fiberglass or carbon fiber around the back of it to install it flush. So it's more work than the other models.

---

=====  
**Re: MR2 road car build + 3SGTE engine**

Posted by Marty J - 2014/07/07 22:11

---

I looked through some old emails.

Price £45.49 + £6.99 postage.

Motorsport-Tools.com

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=====  
**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/07 22:15

---

thats expensive, i got mine for 15euro, they didnt have any with locks though,  
just did some searching and found some cheap ones with locks for about 20euro :)  
<http://www.dhgate.com/product/d1-generation-aerocatch-hood-lock-sanko-black/194910246.html#palceor-1-null>

---

=====  
**Re: MR2 road car build + 3SGTE engine**

Posted by Marty J - 2014/07/07 22:18

---

I read about copies failing, I don't know how much is true.

If you are considering them, I would Google reviews just to be on the safe side.

---

=====  
**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/07 22:22

---

---

yeah they are copies, they aint perfect so extra care must be taken when operating them,  
i have copies on my bonnet for a year now and they still work perfect.

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by Marty J - 2014/07/07 22:24

---

Don't forget to oil them now and then.

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/07 22:26

---

yep a bit of wd-40 does the job :)

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by Mister2 - 2014/07/07 22:37

---

Great build Spla ... KC+

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/08 20:13

---

Mister2 wrote:

Great build Spla ... KC+

Thanks, where did you get your low rise lights?

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by Mister2 - 2014/07/08 23:55

---

they were on it when I bought the car  
they are from Rogue Motorsport



I think that they are the business :)

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/08 23:59

---

well you got lucky there, congrats :)  
would you ever consider selling or swapping them for something?

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by Mister2 - 2014/07/09 00:03

---

ha ha ... a doubt it very much  
maybe for a kidney or something :P

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/09 00:06

---

you can have both of them when i die :P

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by Mister2 - 2014/07/09 00:14

---

I'd say our cars will have long rusted away by then lol

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/09 22:27

---

Im doing everything now to prevent rust :D

Nearly done with the interior, so far everything going as planned should be on the road by the weekend :D

<http://i.imgur.com/l3hXSRC.jpg>

=====  
**Re: MR2 road car build + 3SGTE engine**

Posted by donegalmr2s - 2014/07/09 23:41

---

This thread is giving me the inspiration to start working on the 2 3sgte mr2s in the garage.

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/09 23:46

---

well the quicker you start the sooner they will be done, throw up a thread too :)

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/10 20:47

---

Painted the rear calipers and the conrod :D  
will paint the front calipers tomorrow,  
<http://i.imgur.com/lb0nodG.jpg>  
<http://i.imgur.com/Wo0gVIn.jpg>  
<http://i.imgur.com/lgRX52Z.jpg>  
Temporary exhaust installed until i fix my blitz nur spec exhaust  
<http://i.imgur.com/CEsXEeQ.jpg>

wont be on the road this week unfortunately since i wont have the windscreen till monday 10am

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by Marty J - 2014/07/10 21:19

---

"wont be on the road this week unfortunately since i wont have the windscreen till monday 10am"

Ah quit being a wimp and wear some goggles. :silly:

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/10 21:25

---

I have a helmet, could use that :)

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by dmac - 2014/07/11 20:04

---

Nice exhaust there spla , car is coming along nicely

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/11 20:39

---

I picked up a gopro 3+ black edition yesterday so took a few pics with it today to try it out, the view angle is very wide on it...

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

<http://i.imgur.com/4U7uOsH.jpg>

<http://i.imgur.com/AhC61FT.jpg>

<http://i.imgur.com/yKHe3KO.jpg>

<http://i.imgur.com/P66FpmS.jpg>

<http://i.imgur.com/v9Z9vhJ.jpg>

<http://i.imgur.com/SuD7HbA.jpg>

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/12 17:37

---

Got the rims back from being glass blasted :D

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

<http://i.imgur.com/qB545yL.jpg>

<http://i.imgur.com/cj3becZ.jpg>

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

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

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/07/14 20:46

---

Got the glass fitted today and got her back on the road happy days :)  
will take a few pics when the weather is better.

<http://i.imgur.com/4zyZzE5.jpg>

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/07/15 19:12

---

Got a few pics of the car the way she is now

<http://i.imgur.com/0hvj8fl.jpg>

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

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

sorted out the wires in the back

<http://i.imgur.com/fV481tu.jpg>

and wired in the piggyback

<http://i.imgur.com/yXGo2AN.jpg>

Now working on fixing all them small chips on the rim, fixed the biggest one today, will hopefully finish off the rest tomorrow.

<http://i.imgur.com/0ZK5nuw.jpg>

<http://i.imgur.com/oTIX99g.jpg>

---

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/07/16 22:06

---

Finished with the repairs today, need to start with the primer, here are before and after pics.

<http://i.imgur.com/irQ0RMR.jpg>

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

---

## Re: MR2 road car build + 3SGTE engine

Posted by Marty J - 2014/07/17 10:21

---

I would be a little concerned about the location of the piggyback ecu.

You may have overlooked it but if you got a hard enough knock from behind, the ecu may malfunction leaving you stranded. Attaching the ecu to the firewall would be a safer place for it in my opinion.

---

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/07/17 19:26

---

Well if i get a hard enough knock on the back ill probably be stranded anyway since the car will be fu\*&ed lol The car will work anyway if i just unplug the piggyback.

---

I just cable tied it in place for now but ill work on a bracket to mount it to the firewall later because ill have to be switching it between this car and my track car and having to cable tie it in place every time isnt very professional...

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/08/13 20:35

---

Some sanding being done on the rear bumper.

<http://i.imgur.com/5MPvVoy.jpg>

<http://i.imgur.com/Nu47HZ0.jpg>

couldnt get a subaru scoop so a hyundai one will have to do for now.

<http://i.imgur.com/mwag8ot.jpg>

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

<http://i.imgur.com/5eKF5ep.jpg>

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

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

<http://i.imgur.com/8tq2CHR.jpg>

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/08/22 22:15

---

Got a berk downpipe and heatshield both ceramic coated

<http://i.imgur.com/wvRsGb7.jpg>

Took the old downpipe out, gonna weld it up and fit it on the track car.

<http://i.imgur.com/R7re98T.jpg>

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/08/25 19:15

---

Fitted downpipe and heatshield.

<http://i.imgur.com/uETgkS0.jpg>

<http://i.imgur.com/rgHhqx7.jpg>

<http://i.imgur.com/ya3L0zb.jpg>

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by Cashy - 2014/08/25 21:26

---

Multi Colored Awesomeness!

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/08/26 20:12

---

Thats the idea :D

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by Dexmr2 - 2014/08/26 23:17

---

Looks savage.. Loving the coke bottle... :fatcat:

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/08/26 23:32

---

Haha yeah its the overflow for the chargecooler, it does the job for now untill i find something else to replace it, also gonna replace the ugly engine coolant overflow bottle too.  
Just waiting to find some sort of shiny aluminium container to replace them.

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/08/29 23:58

---

Rims sanded to get rid of some scratches and cleaned with thinners.

<http://i.imgur.com/qD38Ghc.jpg>

Then sprayed with etch primer, ill be sanding down little imperfections then priming once more and after comes gold paint :D

<http://i.imgur.com/P6QsLhu.jpg>

<http://i.imgur.com/o80vlnp.jpg>

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

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/09/10 18:54

---

Rims done, will hopefully get around to fitting them tomorrow :D

<http://i.imgur.com/EPkc9au.jpg>

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

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

<http://i.imgur.com/i3Ouf1i.jpg>

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/09/15 20:05

---

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

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

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## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/09/16 18:59

---

Still sanding away at the bodykit, got another keyboard stand in lidl for 10euro, its very handy.

<http://i.imgur.com/6CUFZnQ.jpg>

<http://i.imgur.com/MSWI3Zq.jpg>

---

## Re: MR2 road car build + 3SGTE engine

Posted by busy93 - 2014/09/27 22:08

---

I'd never think of the pianio stand. Up top 4 thinking

---

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/10/01 19:50

---

The grey primed parts ready for spraying, still 2 sets of sideskirts, front bumper and 2 bootlids left to prep.

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

---

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/10/01 19:50

---

The grey primed parts ready for spraying, still 2 sets of sideskirts, front bumper and 2 bootlids left to prep.

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

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by busy93 - 2014/10/01 23:49

---

U have been busy

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/10/08 18:46

---

2 sideskirts done...

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

<http://i.imgur.com/K4m95Q6.jpg>

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by busy93 - 2014/10/08 20:29

---

Ahhhhhhhhh. No ive the same side skirts. Its just as well we're not females cause we'd have to phone each other to make sure we're not on the road at same time with same skirts. Lmao x2

=====

**Re: MR2 road car build + 3SGTE engin**

Posted by spla300 - 2014/10/08 22:51

---

busy93 wrote:

Ahhhhhhhhh. No ive the same side skirts. Its just as well we're not females cause we'd have to phone each other to make sure we're not on the road at same time with same skirts. Lmao x2

Yes them females are a very strange species...

=====

**Re: MR2 road car build + 3SGTE engin**

Posted by busy93 - 2014/10/08 23:15

---



Im sure they'll look well when fitted

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/10/08 23:17

---

The females? :-P  
Haha

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/10/17 20:41

---

Didnt like the letters on back of mirrors so i sanded them down,  
<http://i.imgur.com/6sAbZK3.jpg>  
One boot and scoop ready  
<http://i.imgur.com/MZCwogw.jpg>  
<http://i.imgur.com/Yb2H8y3.jpg>  
<http://i.imgur.com/8GvUZPB.jpg>  
Put more fiberglass on this one to make it stronger, sanded and now applying filler, lots of filler!  
<http://i.imgur.com/pcvXRky.jpg>  
<http://i.imgur.com/J7edFMQ.jpg>  
<http://i.imgur.com/ZiCXMPd.jpg>  
<http://i.imgur.com/cMMDxwq.jpg>

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by busy93 - 2014/10/17 22:16

---

Ur messing again. Have u ever heard of mister mi agie he's a character frm a film frm 80s

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/10/17 22:19

---

busy93 wrote:  
Ur messing again. Have u ever heard of mister mi agie he's a character frm a film frm 80s

No never heard of him...

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by busy93 - 2014/10/17 22:54

---

Ok thought so. Anyway he had this famous line were he said (wax on wax of) in other words a lot of elbow grease. Keep sanding lad Lol

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/10/17 23:03

---

Filler on filler off in my case :P  
Everything should be getting sprayed within the next 2 weeks.  
Just that rear boot left and the front bumper which the lad thats doing the spraying is fixing up.

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by busy93 - 2014/10/17 23:28

---

Deadly. Keep at it. now that black car is out ive a few small jobs before I start on white car. Thats wen the real fun starts. I need to buy myself an easy out & a tap& die set and a dozen good drill bits

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/11/04 20:25

---

Got some of the parts sprayed, front bumper, skirts and a few other bits.

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

<http://i.imgur.com/t5FkwJx.jpg>

<http://i.imgur.com/XAuQob4.jpg>

<http://i.imgur.com/I81gPtb.jpg>

<http://i.imgur.com/YImwjl3.jpg>

I had a strip of LED's to use as under body lighting.

Drilled holes in the bottom of the skirt to have the LED's shining out through them and siliconed them in place, they are pretty bright.

<http://i.imgur.com/Xzm4jzd.jpg>

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

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

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

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by busy93 - 2014/11/07 23:26

---

Nicely done are they tom's siDe skirts

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/11/13 21:33

---

Yep they are indeed.

Finished putting LEDs in the front attachment part of the sideskirts. (whatever the things are called)

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

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

Put them onto the track car just to see what it looks like, looks bright enough...

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

<http://i.imgur.com/9zLmFYV.jpg>

Now im working on putting LEDS into the front bumper.

<http://i.imgur.com/H6gR6UI.jpg>

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

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by Japohara - 2014/11/14 12:48

---

Just one question .....

WHY ????

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/11/14 13:01

---

Japohara wrote:

Just one question .....

WHY ????

Everyone always asks why...

Why not???

I have them LEDs lying around for nearly a year now I have to use them for something, this seems like a good idea.

Have you any transparent wrap to stick over the LEDs underneath to stop water?

I don't want to be using the clear silicone.

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/12/12 20:33

---

Got the rest of the parts sprayed.

<http://i.imgur.com/DajwJX0.jpg>

<http://i.imgur.com/VuK4rMU.jpg>

Leds in the rear bumper and got a weatherproof strip, covered the rear and front bumper had no more for sideskirts :(

<http://i.imgur.com/NhyZNS2.jpg>

<http://i.imgur.com/oX9GEp5.jpg>

Rear bumper on the car, Will have to wire leds to a switch and still have to put on the sideskirts and front bumper.

<http://i.imgur.com/JlrsIZ3.jpg>

<http://i.imgur.com/D4ldF7r.jpg>

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/12/19 19:51

---

Bodykit finally fitted!!

<http://i.imgur.com/P1jE2dz.jpg>

<http://i.imgur.com/Z0cwBJD.jpg>

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2014/12/22 19:11

---

<http://i.imgur.com/MZWQ4ZJ.jpg>

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

<http://i.imgur.com/N2AMMmY.jpg>

<http://i.imgur.com/QCmpLa6.jpg>

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

<http://i.imgur.com/SA6YWAD.jpg>

<http://i.imgur.com/Kek9hOk.jpg>

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

<http://i.imgur.com/7LybgwP.jpg>

<http://i.imgur.com/2AykhpT.jpg>

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

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

<http://i.imgur.com/8CjdpMI.jpg>

<http://i.imgur.com/Bvv4Bx1.jpg>

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<http://i.imgur.com/IUF48Z2.jpg>

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

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by slipsliderg - 2014/12/22 21:16

---

Very unique spla300, I like it alot, you have KC.

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/12/23 19:10

---

Thanks,  
Did you find out what was wrong with your car?  
Was it just a weak battery?

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by silverlux - 2014/12/24 17:54

---

while I'm here, I'll post up a comment dude....went through all build, awesome +KC :yes:

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/12/24 19:04

---

Thanks :D  
Here is another little update, she got mudflaps today!  
<http://i.imgur.com/NQxeYUp.jpg>  
<http://i.imgur.com/6TGt4oN.jpg>  
<http://i.imgur.com/HcTsPbY.jpg>

=====

**Re: MR2 road car build + 3SGTE engine**

Posted by spla300 - 2014/12/30 16:39

---

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

<http://i.imgur.com/DRMop1A.jpg>  
<http://i.imgur.com/3bs8wpZ.jpg>  
<http://i.imgur.com/9WjSBHo.jpg>  
<http://i.imgur.com/9YLzJp5.jpg>  
<http://i.imgur.com/qzVYfsa.jpg>  
<http://i.imgur.com/hkLxhvS.jpg>  
<http://i.imgur.com/MB4bkAY.jpg>

=====

## Re: MR2 road car build + 3SGTE engine

Posted by spla300 - 2015/10/29 19:20

---

its been a while so here is a little update.

i installed a subwoofer between the seats and had to make a custom box.

Hacked up an original storage box and screwed the piece of wood to it where sub will sit.

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

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

<http://i.imgur.com/rr7jjL3.jpg>

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

wrapped an old towel around it, stretched and stapled into place, then soaked it in fiberglass

<http://i.imgur.com/D9W6x15.jpg>

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

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

Fillered and sanded

<http://i.imgur.com/x5eLKE6.jpg>

<http://i.imgur.com/xVJO5KF.jpg>

<http://i.imgur.com/vtYpO8s.jpg>

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

Then got it wrapped in same type of material as the arm rest

<http://i.imgur.com/IWQyt0B.jpg>

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

<http://i.imgur.com/34M5V7m.jpg>

works well dosent get in the way at all and i can see through rear view mirror.

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

=====