

Beams MR2 Track Car.

Posted by slipsliderg - 2012/04/09 14:25

So I sold my V6 Mrk I MR2 and bought another car, a 1998, white, beams after it received damaged to the front and underside via a ladder on a dark night. Amazing what you can pick up on a dark motorway these days.

Here is the new project car, purchased from Yamaha a member on MR2.ie, as she was prior to the ladder.

<http://img23.imageshack.us/img23/9662/20120216164121.jpg>

<http://img46.imageshack.us/img46/1936/20120216164150.jpg>

Now she is in my garage with the front being stripped off.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5285.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5287.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5290.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5286.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5288.jpg>

Interesting bits and pieces on this one;

Front cusco brace.

Rear Gab brace.

Unknown underbody brace, rusted to shit.

Whiteline arb's front and rear.

Front coilovers, need to figure out what brand.

Back end of the car will get a good look at soon.

As I dig into her I may find more, but she will make an ample trackcar, and perhaps I will make her road legal as well for the crack.

I am trying to think of a name for her but that will come when I have skinned my knuckles a few times.

Was thinking along the lines of Dita.

Needs doing.

Strip down front end and replace radiator

Weld in new rad support bar after it got destroyed.

Install new (2nd hand bumper)

Strip down and rebuild brake callipers.

New brake discs.

Remove alarm system.

Tidy up some cabling and brackets in the engine bay.

Lighten her up as much as possible.

So bumper is off, anybody want to repair and or buy an original Tom's front bumper.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5295.jpg>

Updates to follow, need to book a track day to keep the pressure on, going out to the garage now for a couple more hours.

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Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/04/09 14:29

Front bumper photos.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5294.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5296.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5300.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5299.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5298.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5297.jpg>

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Re: Beams MR2 Track & Road car.

Posted by Quandry - 2012/04/09 17:56

Cool thread Slip! I was just looking at the top pic and thought 'hey that looks like a Tom's bumper!' low and behold it is one. What a shame that it got damaged like that :(

Good news is that because it's fibreglass probably it can be fixed. Needs to be done by a pro though and then it would turn out like brand new. Problem is you need the pro.

If you want a replacement Tom's bumper let me know ;)

KC for the great thread though, must try and make it over to you to check this beast out!!

Are you going for cage and stripped interior?

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Re: Beams MR2 Track & Road car.

Posted by ricky2 - 2012/04/09 18:06

Good luck with the rebuild Ray keep us posted B)

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Re: Beams MR2 Track & Road car.

Posted by Spidey - 2012/04/09 18:52

Cool project :yes:

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Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/04/09 19:44

Thanks guys, I am thinking street legal, stripped out, seam welded & caged track car at the minute.

I had pondered your kit for a long time Quandry, but I don't think the car is right enough for putting a kit on. Perhaps later, I have front bumper / radiator etc to get from Anto hopefully this week.

More progress.

When I started today.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5303.jpg>

When I finished before dinner, won't be getting any jobs in a breakers yard yet.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5307.jpg>

The damaged bits that need replacing.

Front cross member to hold up the radiator.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5308.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5305.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5306.jpg>

Need part number 57014-17030

Front control arm mount got a slap as well.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5310.jpg>

Why it needs to be a track car and not a road car, I know a bit of rust routing out and a good paint job will have he back to full spec, but I can do that later if needs be.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5311.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5312.jpg>

Previous crash damage.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5313.jpg>

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Re: Beams MR2 Track & Road car.

Posted by eringobragh - 2012/04/09 20:57

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5307.jpg>

Jesus that ladder gave it s fair beating..at least it looks like it can be 100% again

are you getting one from Joe / breaker and welding it in?

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Re: Beams MR2 Track & Road car.

Posted by spurs mr2 - 2012/04/09 21:03

cool thread looking forward to see the progress!

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Re: Beams MR2 Track & Road car.

Posted by dshamrock2000 - 2012/04/09 21:05

Seeing how nobody has said it yet im gonna baggsy riding shotgun when your ready for Mondello :P

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Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/04/09 21:38

She got a fair smack alright, this member is held in with three spot welds on both sides of the chassis. It is not a structural member and only needs to hold the weight of the rad / ac condenser.

Just need to get the part, weld it in and bolt it all together to drive it again, so Dshamrock, you have

shotgun.

I think for this year I will just get it out on track as light as reasonable. Then next winter start looking at advancing things further with the seam welding / cage and proper suspension build.

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Re: Beams MR2 Track & Road car.

Posted by eringobragh - 2012/04/09 21:50

slipsliderg wrote:

She got a fair smack alright, this member is held in with three spot welds on both sides of the chassis. It is not a structural member and only needs to hold the weight of the rad / ac condenser.

Cula Bula - not so bad so, fair play for stopping another 2 hitting the scrap heap.

KC+1 :)

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Re: Beams MR2 Track & Road car.

Posted by smurfster - 2012/04/09 22:38

Looking forward to seeing this do a few laps B) Is there an LSD in there??

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Re: Beams MR2 Track & Road car.

Posted by spla300 - 2012/04/09 22:55

Good luck with it. kc for stopping it hitting the scrap, like eringobragh said. if you need some parts pm me.

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Re: Beams MR2 Track & Road car.

Posted by mr.2 - 2012/04/12 11:33

lovley motor.will be a nice project.good luck with it!

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/04/12 12:50

Thanks for the comments guys, anybody got a radiator, does not need to be perfect, not leaking would be better than the last one.

PS I know thats the AC condensor at the front but it gives you an idea of the damage to the rad behind, even the fans wont turn as the guards have a fair bit of damage.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5304.jpg>

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Re: Beams MR2 Track & Road car.

Posted by Infamous - 2012/04/13 02:13

Nice thread Slip!

So jealous that you will have yourself a track dedicated 2, I'd love to have a 2 just to track. That ladder really messed up the front of the car, looks like you've got things under control though! Such a shame about the Toms front, I wonder would someone like Peggy on the site be able to turn his hand to repairing it since he's pretty handy with the old fibre glass and filler?

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/04/13 08:54

Thanks Infamous, don't be jealous, I had to sell the V6 to get this and that got me a bit down. Also I may look to rent it out for trackdays to established members on this site only, but need to think about that one some more.

I was thinking of getting the Tom's repaired and will sell on if I do get it done.

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Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/04/13 08:55

Thanks Infamous, don't be jealous, I had to sell the V6 to get this and that got me a bit down. Also I may look to rent it out for trackdays to established members on this site only, but need to think about that one some more.

I was thinking of getting the Tom's repaired and will sell on if I do get it done.

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Re: Beams MR2 Track & Road car.

Posted by smurfster - 2012/04/13 09:09

slipsliderg wrote:

I was thinking of getting the Tom's repaired and will sell on if I do get it done.
What would It cost the way it is (plus side skirts :dry:). Think weight loss! :casual:

=====

Re: Beams MR2 Track & Road car.

Posted by Quandry - 2012/04/14 21:55

smurfster wrote:

slipsliderg wrote:

I was thinking of getting the Tom's repaired and will sell on if I do get it done.
What would It cost the way it is (plus side skirts :dry:). Think weight loss! :casual:

Would be interesting to know what the weight difference is between a Tom's bumper and a standard Mk2 bumper. Tom's is designed to be lightweight racing products.

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Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/04/14 22:49

smurfster wrote:

slipsliderg wrote:

I was thinking of getting the Tom's repaired and will sell on if I do get it done.
What would It cost the way it is (plus side skirts :dry:). Think weight loss! :casual:

Get a price for the repair and give me the air intakes you take off as part of the deal and we can talk. If you want me to get more pictures of the damage I will. PM me your email address.

This is a bit of banter, Smurfster has first refusal on these even before I got the car out of Wicklow.

Quandry wrote:

Would be interesting to know what the weight difference is between a Tom's bumper and a standard Mk2 bumper. Tom's is designed to be lightweight racing products.

I will be getting another bumper Mon / Tuesday next week and can weigh it, but no point in using my Tom's as it has been lightened more :woohoo:

=====

Re: Beams MR2 Track & Road car.

Posted by Infamous - 2012/04/15 03:57

slipsliderg wrote:

Also I may look to rent it out for trackdays to established members on this site only, but need to think about that one some more.

I'd definitely be interested in that Slip, you could even ride shotgun to make sure I wasn't gonna kill your 2 as well as offering some advice/pointers on the track! lol

Really looking to do a track day some time in the near future and would love it to be in a 2 but realistically I won't be able to do it in my current 2 since its my daily driver.

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/04/15 10:42

It would be a good way for people to learn more on their cars without risking them.

Don't know about me in the passenger seat, but I can point you around the track until you are used to the shape of it. Dshamrock might say different, I don't think I am quick at all on the track. It would be best then to get one of the training type dudes to go around and show you the fast way to do it.

Just need to think on the insurance end of things, don't want any family suing me because their father / mother / son / daughter drove the car into a fence / armco etc and tried to kill us both or leaving us injured.

Then there is the whole "you break it, you own it" thing that works so well in the biking world, people in the car world generally don't think like that. Basically you write off the track car I am owed an (MR2) track car.

Sounds harsh I know, but I think that is the way it generally works on most track-day car rentals.

Anyway I need to get the car finished first, still waiting for my radiator support bar then off to the body shop to spot weld it in. Put it all together then and give it a good run to make sure its working OK after I have put it together. Will strip it down piece by piece then once it running properly to reduce the weight.

=====

Re: Beams MR2 Track & Road car.

Posted by weeJohn - 2012/04/17 15:16

If you go to a Trackskills event at Kirkiston, before they let you out on the track a qualified instructor takes you around the circuit in one of their cars. They show you the correct lines for each corner, approximate braking points, what to avoid avoid doing when out.

Its a great system, it means you dont get caught behind someone feeling their way around the track so it makes everyones day better, and keeps things a little safer.

Their days are run perfectly, they dont expect newbies to be Jenson Button, so put cars and drivers of equal capabilities out together in their first 2 sessions, then its open pit lane after that. £105 for the day, we burnt £90 of fuel last time we were down so plenty of track time available!

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Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/04/17 16:12

Nice bit of info weeJohn, thanks for that. I know the circuit, crashed there three times in the racing sidecar :laugh: twice on debtors :ohmy: Would love to get out there again its alot faster than Mondello and having a man in the know in the passo seat would be even better.

Must be jet fuel your using, then again the back straight would fairly eat the fuel. When are you heading for a trackday again. Need to book a day to keep me on my toes and get this car done.

Edit: Just found this photo, not sure what part of the track it caame from.

http://www.samsroadracing.com/images/bikes/2004/sunflower_trophy/saturday_race/IMG_6450.jpg

Re: Beams MR2 Track & Road car.

Posted by dshamrock2000 - 2012/04/17 17:39

With regards the whole trackday car, I've committed to buy another Mk1, just have to collect it, it runs but thats all i know about it :laugh: , i was originally going to use it as a donor for the locks and dash on my car but ive sourced all the parts already, but i'll probably consider using it as a trackday car if its in decent enough nick, otherwise i'll be breaking it down.

Re: Beams MR2 Track & Road car.

Posted by weeJohn - 2012/04/17 19:00

Here is a link to the Trackskills site and the dates for this year.

<http://www.trackskills.com/dates.html>

A lot of full throttle time at Kirkiston as you know with the outfit, think we did about 10 or 12 x 15 minute sessions before we ran out of fuel. Cant complain about using fuel but, not much fun without it!!

Re: Beams MR2 Track & Road car.

Posted by ricky2 - 2012/04/17 19:42

I must get a run down
Would love a blast

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Re: Beams MR2 Track & Road car.

Posted by weeJohn - 2012/04/18 16:05

20th of May is the next date, you wont be disappointed mate, its great craic.

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/05/14 21:25

Won't make the 20th John, going to Rome end of the month and need the cash for that.

Update, car is back from the bodyshop, I have the radiator in, there is a difference in size from N/A to Turbo. Turbo rad being bigger. Had a bit of grief fitting it, but she is now snug as a bug and as Toyota intended.

Forgot to get coolant, so will sort that out tomorrow and downloaded pictures to my laptop in work. Didn't get a chance to upload anything yet.

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Re: Beams MR2 Track & Road car.

Posted by weeJohn - 2012/05/14 22:11

slipsliderg wrote:

Won't make the 20th John, going to Rome end of the month and need the cash for that.

Update, car is back from the bodyshop, I have the radiator in, there is a difference in size from N/A to Turbo. Turbo rad being bigger. Had a bit of grief fitting it, but she is now snug as a bug and as Toyota intended.

Forgot to get coolant, so will sort that out tomorrow and downloaded pictures to my laptop in work. Didn't get a chance to upload anything yet.

2nd prize going to Rome I suppose lol. In what way is the turbo rad bigger?

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/05/14 22:55

It's wider on each end by about 25mm I would say real snug fit, had to swap over the hoses as well. Off course I only found out that when I had the rad in position, had to ball ache it out again. Swapped left for

right hoses and then the joy of getting the clamps tightened up at the original marking / indentation.

Done now and just need to put on a wheel arch liner and my red bumper to match the beams engine.

Other issues that have come up;

Rear left brake caliper binding, will give it a good clean down and see how she goes.

Front left; possibly bottom ball joint gone, need to check here over.

Wiring to MAF needs to be cleaned up, one wire if frayed on the original loom.

Air filter, need to make a bracket to mount it as it is flopping around at the minute.

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Re: Beams MR2 Track & Road car.

Posted by eringobragh - 2012/05/14 22:59

I feel your pain re: radiator installation..does your hands look like you've been bare knuckle boxing :D

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Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/05/14 23:05

I had it handy the front of the car and underside is not there, I would say doing it with the bumper etc in place is a bit :groan:

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Re: Beams MR2 Track & Road car.

Posted by eringobragh - 2012/05/14 23:31

slipsliderg wrote:

I had it handy the front of the car and underside is not there, I would say doing it with the bumper etc in place is a bit :groan:

Jambag! Yeah it was a tight enough job but i've done worse

My hands still bare the scars...well mentally anyway ;)

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Re: Beams MR2 Track & Road car.

Posted by dan - 2012/05/14 23:31

Looking good Ray. Nice bit of work to keep you busy for a few weekends!

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Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/05/15 21:43

Thanks for the comments guys, keep them coming and I am open to any suggestions people may have to improve on what they see, don't hold back.

So new radiator bracket welded in, didn't bother getting it painted as it comes coated from the factory and will probably get broken again before it rusts. I did however sand back the rust on the chassis legs and primed them with 4 coats of primer.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5497.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5500.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5499.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5498.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5507.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5506.jpg>

Then got stuck into replacing the front arm mount, got a replacement from Anto (cheers) and got some assistance from my young apprentice.

Old

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5502.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5503.jpg>

New

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5504.jpg>

This lower cross member had water in it when I took a bolt out, going to leave one of the three out to let the water drain instead of being trapped and look at it end of the year. Water must be getting in one of the seams from its previous life (i.e. crashed and badly repaired.) another excuse to seam weld her up.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5505.jpg>

Got stuck into the radiator mounting then, again radiator was supplied by Anto for a very reasonable price. MR2 N/A radiator is smaller than the turbo version this came from, but no harm on a track car to be a bit bigger. Real pain in the ass getting it in, but all worked out in the end after I swapped over the left and right radiator hoses.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5508.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5511.jpg>

Nearly there.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5510.jpg>

And now she is all in and awaiting some coolant and the red front bumper (Anto again) matches the redtop engine, but little else.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5515.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5516-1.jpg>

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Re: Beams MR2 Track & Road car.

Posted by Quandry - 2012/05/15 21:57

Looking good!!

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Re: Beams MR2 Track & Road car.

Posted by anto300zx - 2012/05/15 22:39

looking good ray good to see a part of the red one living on :) keep up the good work

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Re: Beams MR2 Track & Road car.

Posted by Infamous - 2012/05/15 22:57

Nice work slip!

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Re: Beams MR2 Track & Road car.

Posted by eringobragh - 2012/05/15 23:04

Back from the dead...nice job ;)

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Re: Beams MR2 Track & Road car.

Posted by smurfster - 2012/05/16 08:04

Great job Ray. Ya may get that little mechanic an overalls :laugh:

=====

Re: Beams MR2 Track & Road car.

Posted by weeJohn - 2012/05/16 09:32

Looking good, get the washer bottle out of it while the bumpers off, no need for headlights or that crash bar on a track car either lol.

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Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/05/20 08:10

Small handed apprentice is for hire at a premium rate as he is especially developed for working of Jap cars :D

So the coolant went in nicely, took my time and got it sorted and the fans / temp switch and cabin heater all work.

But my list just got a bit bigger, the engine is very tappety (shimmy would be a better term for it on these engines of course.) and seems to get a bit louder when hot. Checked the oil and its been there a long time hopefully an oil and filter change will clean it up. Was thinking of using thinner cheap oil for two fills and drains before putting the good stuff in.

Then looking at the air filter, it would seem I have the Beams specific SARD filter and hard pipe for the MAF. Filter is clogged and needs replaceng. So I checked the located of the bolt holes against my Apex'i cone filter and they match perfectly.

Will using this type of filter cause me issues on the Beams engine as I know they are picky on the induction side of thing. Need to build a proper bracket for mounting the air filter as well, last one was made out of galvoband and broken.

What else have we got, so far.

The power steering pump is running constant need to check that out.

Rear left brake caliper binding, will give it a good clean down and see how she goes.

Front left; possibly bottom ball joint gone, need to check her over.

Wiring to MAF needs to be cleaned up, one wire if frayed on the original loom, not an easy place to get a good fix on either :(

Hopefully get more done on her today :)

=====

Re: Beams MR2 Track & Road car.

Posted by SteveH - 2012/05/20 08:18

Looking good chief! Both my 2s have had the power steering pump almost constantly on, and one had half the mileage of the other so I think it may be a standard thing?

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Re: Beams MR2 Track & Road car.

Posted by eringobragh - 2012/05/20 10:08

Re: tappety noise.the valves get "tight" when the engine is overheating and rattle a bit.

Is their any airlocks in the system? Changing mine I had to squeeze the 2 rad hoses to Clear the lock into the radiator on one side. Sounds like its working if the fans kicking in though

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/05/25 22:35

Bit more progress yesterday, fixed up the Maf wiring and built a decent support bracket for the air filter.

Front bumper now on.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5526.jpg>

Need to put wheel arch liner back in.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5527.jpg>

Oil & filter changed, will change this again after a couple of miles of running on track.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5528.jpg>

Had a peek inside the flywheel inspection hatch, looks like the flywheel got some heat into it, hope things are ok in there, not going to take the gearbox out until it is a problem driving her.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5529.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5530.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5531.jpg>

Latest list of issues:

Top mount on coilovers are considerably worn, may need to be replaced.

The power steering pump is running constant need to check that out.

Rear left brake caliper binding, will give it a good clean down and see how she goes.

Front left; possibly bottom ball joint gone, need to check her over.

On the plus side I have found out the g/box has a Diff all be it a Torsen T2 design, transmission code S54-69A. Also found out I can lower the final drive ratio thanks to mr2.com by using the final drive from the 2ZZ gearbox, gotta love Toyota for swapping parts when you have a bit of info.

These are interchangeable.

S54 Final Drive : 4.176

C56 (7th gen gt celica and MR2 Synder) Final Drive : 4.312

C160 (Corolla Levin BZ-R 6 speed Helical LSD) and C60 (7th Gen Celica GT-S without LSD) : 4.529

=====

Re: Beams MR2 Track & Road car.

Posted by eringobragh - 2012/05/26 10:42

Coming along nicely

The power steering pump on constant ..have you ruled out the relay being the issue? I know mine got sticky once or twice

I've seen this issue with my gfs Saxo, new relay sorted it

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/06/12 22:39

Latest update nothing big, A/C is now stripped out.

Tomorrow night alarm will be removed.

Newest additions to the list of thing that need doing front engine mount is busted and needs replacing. Gearbox mount, one bolt was cross threaded, another one fixed to the bracket anyway so nothing to worry about just need to replace the bracket as it was cross threaded.

Lots of niggles with this car, but thankfully nothing serious yet, fingers crossed.

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/06/23 22:33

Progress is slow these days, lots of activities with family and busy with work.

Progress:

Alarm striped out.

A/C striped out.

Interior stripped (roof lining to follow)

Front engine mount replaced.

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5762.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5763-1.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5766.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5765.jpg>

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5764.jpg>

For the coming week:

Remove coilovers and get the top mounts sorted.

Refurb the rear callipers, bleed brakes.

Bleed clutch and reset the pedal adjustment to get bite point above the floor of the car.

Test drive!!

=====

Re: Beams MR2 Track & Road car.

Posted by Infamous - 2012/06/24 02:32

Nice work slip, i'd say she's shed a good few pounds by now.

On a more serious note... you should probably take that guy on the left to a doctor, he looks slightly off colour and as if he's gonna barf on your car. :unsure: :P

<http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/IMG5763-1.jpg>

=====

Re: Beams MR2 Track & Road car.

Posted by weeJohn - 2012/06/24 18:45

Take the heater matrix out of it as well, its useless if you are not going to put the dash back in anyway. When its out, all you have to do is rotate a rubber hose 90 degrees in the frunk to reconnect the return pipe to the valve. You will see how easy it is when you look at it.

Keep the hazard light switch, you need it for the indicators to work correctly.

Are you putting bucket seats into it?

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/06/24 21:40

Yep not much point having it there and no fan, have you had any problems with the windscreen fogging up.

Going to try get rid of the airbag crap out of the car as well, if you hear a boom, I did it wrong :laugh:

I will be keeping the hazard switch and chopping up the dash so I can fix the clocks to something solid. Probably mount the hazard switch it into some part of that.

I have a set of MR2 recaro's, was thinking of using them and a four point harness that I have, just need to install rear harness mounting points.

=====

Re: Beams MR2 Track & Road car.

Posted by Quandry - 2012/06/25 10:54

Cool!

=====

Re: Beams MR2 Track & Road car.

Posted by Peggyontherun - 2012/06/25 21:38

Looking good Slip :)

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/06/25 21:52

Cheers lads, not doing anything tonight, tomorrow should see progress unless I go and buy the transporter instead.

=====

Re: Beams MR2 Track & Road car.

Posted by weeJohn - 2012/06/25 22:45

slipsliderg wrote:

have you had any problems with the windscreen fogging up.

None at all, when you remove it it leaves a few holes to the frunk so air gets in and keeps things clear.

slipsliderg wrote:

I will be keeping the hazard switch and chopping up the dash so I can fix the clocks to something solid. Probably mount the hazard switch it into some part of that.

The switch just needs left plugged in, you can tidy it away behind the crash bar easily.

slipsliderg wrote:

I have a set of MR2 recaro's, was thinking of using them and a four point harness that I have, just need to install rear harness mounting points.

There is a good pre threaded mounting point on the top of the rear bulkhead behind each seat, we connected the 2 shoulder straps to the 1 point really solidly. I dont know if the Recaros have the seat belt fastener on the seat like the standard or not, but that is a good point to secure the harness on the inside lap belt. We cut the base out of the standard seats and welded it on the bottom of the buckets so we kept the rails for adjustment and this fixing point. Very handy as I am a bit short in the legs so the seat still needs to move lol.

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/08/20 23:01

Haven't updated this in a while but very little left to do at this stage.

Skim brake pads.

Bleed brakes.

Bleed clutch.

Replace wheel bearing or bottom ball joint or track rod end on passo side front.

(Spanky, perhaps a rattle can on the front bumper, maybe :))

Big thanks to Ricky for a lovely red set of Sparco seats. Need to install them like John said with the runners from my Recaro's to get the movement working for others that may get a blast in it.

WeeJohn, do you have a pic of what way you done the hose for the heater matrix as its the last thing I need to whip out from inside the car.

=====

Re: Beams MR2 Track & Road car.

Posted by eringobragh - 2012/08/20 23:29

slipsliderg wrote:

Haven't updated this in a while but very little left to do at this stage.

Skim brake pads.

Disks surely or have times fallen hard :P :laugh:

Is it worthwhile skimming disks pricewise out of curiosity?

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/08/20 23:39

eringobragh wrote:

slipsliderg wrote:

Haven't updated this in a while but very little left to do at this stage.

Skim brake pads.

Disks surely or have times fallen hard :P :laugh:

Is it worthwhile skimming disks pricewise out of curiosity?

Yep disc's it is, and IMO skimming the discs is grand if the car has been laid up for a while and the thickness is not less what it should be. I get it done for €40 for each of them, still cheaper than replacing them.

=====

Re: Beams MR2 Track & Road car.

Posted by Spanky - 2012/08/20 23:59

I'll give the rattle can a go :laugh:

Could spray a design on the nose using the side lights as eyes or something

=====

Re: Beams MR2 Track & Road car.

Posted by smurfster - 2012/08/21 07:48

I've got discs skimmed before. They were on the front of a dmax.
I ended up with a bad vibration when braking. Ended up replacing them.
My 2c!

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/08/21 07:54

This is my third set to get done, I get Westward to do it, he does a great job of it.

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/10/28 22:57

Not many updates on the thread the last while so here goes.

Rudolph has proved up to the task for trackdays over the last two weeks, putting in faultless intense KM's in both the wet and dry. I am delighted the car is running so well for its given task.

ISDC trackday, Mondello 12/10/12

217 Km's covered and 55 Ltrs of fuel used with passion and fury.

Couple of spins one off and grinning from ear to ear. Went out for a few laps to warm car and self. Car was locking up and sliding a lot and took my about 10 laps to remember that I had thrown about 45 PSI into all the tyres the night before, came in and dropped them all.

Morning session was dry and ran a heap of laps, only issues with the car was tyres and they performed well considering. I ended up having 2 T1R's, one on front left and one on rear right due to loosing the sidewall after hitting a bank and the valve letting go on the other.

<http://i261.photobucket.com/albums/ii72/5lip5lide/IMG-20121012-00728.jpg>

Don't rate T1R's on track, but kept getting stuck into it and had a great run up to lunchtime.

I ignored the wobbly T1r's and pressed on in the evening, it started to rain and I ran indoors to hide my fear of driving an MR in the wet. After a good 40 minutes debating the issue I got stuck into driving in the rain. Three laps gone and I had a fair idea where the grip was and was not, plenty of sideways action ensued and the tyres heating up was not so much an issue due to the wet conditions. Great to get the experience of driving hard in a wet but safe (relatively speaking) place.

Video of the typical cornering at 1:30, thanks Tsporter for the clips.

Morning session.

https://www.youtube.com/watch?v=WagTI_CS5js

Evening wet session.

<https://www.youtube.com/watch?v=uq-RqqV4lhk>

Octane trackday, Mondello 26/10/12

270 Km's covered and 75 Ltrs of fuel

What a great day, thanks to Damo and Keith for arranging this, popped my Octane trackday cherry. Cracking line up of cars and Rudolph the mismatched Mr2 felt out of place with all the tidy machines about. Track manners were exceptional and if I was in anybody's way my apologies, but I am fairly sure it was only for a few seconds.

Highlights of the day were seeing a Ferrari 360 and 2 GTR's being driven as designed, sweet. Car performed well, lots of high speed sideways action in 3rd gear, bloody tyres!! Endless pads are the stuff of late braking, but overcame my Dunlop efficient grips to easily so were not getting full on abuse. Tyres, all my spare road tyres are nearly used up or busted so looking forward to proper ones next year.

Couple of photos from the day.

<https://lh5.googleusercontent.com/-L0KhJ3Fuhbc/UluKXPsjHUI/AAAAAACXDM/Z6Lgxj-XKgw/s800/1580.jpg>

http://fbcdn-sphotos-e-a.akamaihd.net/hphotos-ak-prn1/534498_10151282764696458_971468607_n.jpg

http://fbcdn-sphotos-a-a.akamaihd.net/hphotos-ak-ash3/66540_10151282776881458_857033895_n.jpg

Onto Rudolph the trackcar,

First time out for one of the lads from work to drive the track and get a feel for the car having never driven an MR2 before and in the wet for the added heart ache.

<https://lh6.googleusercontent.com/-AUhMpg-aSU8/UltisspqGtI/AAAAAACUhc/0aAb6YNeCY8/s800/0042.jpg>

<https://lh4.googleusercontent.com/-RZPhy-2-yO4/UltkQJzGR0I/AAAAAACUrc/4myJw0v04zo/s800/0149.jpg>

Bit of a vid, cheers Marlow, several entries by the MR2 in this.

http://www.youtube.com/watch?v=eZ_2DFAcQ_Q

Track starting to dry up:

<https://lh3.googleusercontent.com/-vtqi0kbSvek/UltfILvc-l/AAAAAACUzU/ratjMjJpJk/s800/0218.jpg>

Some Rum truffles, one has to keep up the standards.

<https://lh3.googleusercontent.com/-wBAnXk5jpwo/UltmhKVBZMI/AAAAAACU50/LTIN39SkPoE/s800/0286.jpg>

<https://lh5.googleusercontent.com/-aLCSjGiwYo8/Ultu72BcHII/AAAAAACVu0/bM1hDWUfMF0/s800/0763.jpg>

https://lh5.googleusercontent.com/-oXLWYRXcJsA/Ultz46fEEfI/AAAAAACWoc/_GO7Ba-dzrM/s800/1042.jpg

My favourite picture of the lot I have seen, suspension at full use, time to upgrade??

http://images107.fotki.com/v159/photos/0/78200/11236274/IMG_0719-vi.jpg

Going to try getting hi res of these for the garage wall.

So thats the last two weeks, where are we going to next.

The car has lost 86.5 Kgs, with another 15 coming off the driver since I was out last year in the road car.

Another 30 kgs in the seats being replaced with about 10 kgs of Sparco goodness. Then the front and rear crash bars are 41kgs. This leaves me in a position to get rid of another say 60 Kgs plus the driver needs to shed another 5kgs. All in with the driver included there should be a total loss of about 166 Kgs before the next trackday season starts.

All in, this will make a big difference to the overall ability of the car, but what needs doing on the upgrade list first. Aiming to have most of the upgrading done by the end of next year's track day season.

- 1.) Finish lightening.
- 2.) Tyres, A048 or R888's or outright track tyres.
- 3.) Suspension.
- 4.) ARB's
- 5.) Roll cage and seam weld.
- 6.) Brake pads (Endless or CL).
- 7.) Brakes (replace ABS system with non ABS).

I was thinking tyres, but the suspension is at full capability with normal road tyres?

Suspension wise: OK for the road, but the track sees them to the edge, if I get these they will overcome the tyres quicker I think.

Any advice from the track day guru's much appreciated.

Thanks for the photos and videos: Tsporter, Marc, Speedy.

=====

Re: Beams MR2 Track & Road car.

Posted by dshamrock2000 - 2012/10/29 12:00

Great write up ray!

=====

Re: Beams MR2 Track & Road car.

Posted by slipliderg - 2012/10/29 22:47

Cheers Dshamrock

List of things to be done over the winter is now fixed to the following items unless the budget allows for more to happen.

- Complete weight loss work.
- Install handbrake cables.
- Install Recaro's
- Replace brake discs.
- Get new Endless or Carbon Lorraine pads.
- Remove ABS gubbins and install standard brake system.
- Get trackday tyres with strong sidewalls.
- Find the missing 14 horses.
- Replace gearbox oil.
- Fix dent on rear 1/4 panel.
- Get four wheel alignment set up to be more track focused.
- Paint the front bumper (perhaps).

What I want for the car is one that can deal with mixed wet and dry days with only a change of rims to deal with the water element. This is of course a compromise situation but I am looking for smiles per mile and perhaps into the 2:07ish area on lap time. That pace would not be shabby in a 14 year old N/A with no driver aids.

=====

Re: Beams MR2 Track & Road car.

Posted by weeJohn - 2012/10/31 19:07

I am doing away with my handbrake cables, I am getting more wear on one side at the rear and a change of caliper has not helped. I never use it anyway, you cant put it on when you come in or the pads stick on and I always put it in gear on the trailer and when in the garage I chock the wheels so its just extra weight at the minute lol.

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/10/31 19:40

That was my original thinking as well, but we had issues with one of the rally cars years ago from leaving it in gear on the trailer. Ended up changing a gearbox in service as something chipped in the box. Don't no what it was as I was only a spanner grunt at the time and not listening.

I think it can have a bad effect on the LSD's as well. This is not internet hearsay, but rallying hearsay so could be a load of bull. Must look it up.

=====

Re: Beams MR2 Track & Road car.

Posted by Quandry - 2012/10/31 20:40

Great write up Slip... looks like great craic!

=====

Re: Beams MR2 Track & Road car.

Posted by weeJohn - 2012/10/31 21:03

I also unplugged the ABS ecu, that removed the abs but not the big pump in the front. We pulled parts of a rev 1 turbo to remove the pump but havnt done it yet, I will keep and eye on this to see how you get on doing it first lol.

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2012/10/31 21:05

Cheers Quandry.

WeeJohn, you might be waiting :)

=====

Re: Beams MR2 Track & Road car.

Posted by weeJohn - 2012/11/01 11:13

slipsliderg wrote:

Cheers Quandry.

WeeJohn, you might be waiting :)

Lol, I know what you mean, my to do list is stretching into decades now.

=====

Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2013/02/11 21:51

Well the season is starting again, out on the 22/02 :woohoo:

So on to repair the mechanical damage from last year before we look to do any improvements.

One drop link broke and the other was bent out of shape.

http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/Meath-20130211-00853_zpsdaadf120.jpg

http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/Meath-20130211-00855_zps8631235d.jpg

I think they were mismatched in length and were shorter than the standard units.

New units installed.

http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/Meath-20130211-00854_zps87f550c6.jpg

http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/Meath-20130211-00857_zps50dd450f.jpg

Then had a look at the pads, not much left of these. Probably need to change them for the reserve set before lunchtime on the day.

http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/Meath-20130211-00858_zps93dc2241.jpg

http://i261.photobucket.com/albums/ii72/5lip5lide/Cars/Track%20car%20build/Meath-20130211-00859_zpsc78789d0.jpg

Need to:
Flush brake fluid.
Change oil.
Put used rally slicks on rims.
Put another tyre on rear left for wet weather.

Drive it like I stole it B)

Lots to be done after that roll on 2013.

=====

Re: Beams MR2 Track & Road car.

Posted by Bommie - 2013/02/11 21:58

good stuff mate, best of luck with the new season :domo:

=====

Re: Beams MR2 Track & Road car.

Posted by ricky2 - 2013/02/11 22:10

I think You done well to break the Roll Bar links Ray even if they are Ebay's best :laugh:

=====
Re: Beams MR2 Track & Road car.

Posted by slipsliderg - 2013/02/11 23:13

Ricky its been said I could break an anvil in a bog. That's why the Hi-lux is the daily, only managed to break the diff on that so far ;)

=====
Re: Beams MR2 Track & Road car.

Posted by Tsporter - 2013/02/12 09:44

Nice work Slip, hope you get a good day for the next one!
I priced those endless and CL pads recently and they are mad money!

Did you invest in track rubber?

=====
Re: Beams MR2 Track Car.

Posted by dufunk - 2013/02/12 11:37

That thing must be sharp with all that weight removed and 200bhp on tap, any in car vids?

=====
Re: Beams MR2 Track Car.

Posted by basch32 - 2013/02/12 13:30

Where is the next trackday on? I though mondello wasnt starting until march?

Cant wait to get back out myself :)

=====
Re: Beams MR2 Track Car.

Posted by Quandry - 2013/02/12 13:38

Nice update slip, good luck with the season!!

Re: Beams MR2 Track Car.

Posted by slipsliderg - 2013/02/12 14:34

Nobody spotted the error in my install, I think the drop links are installed on the wrong side of the shock mount i.e. I need to face them the other way.

Tsporter wrote:

Nice work Slip, hope you get a good day for the next one!

I priced those endless and CL pads recently and they are mad money!

Did you invest in track rubber?

Didn't invest but a mate of mine is coming who rallies Mrk 2 escorts and he is giving me some second hand rally slicks. Wohoo! I think the brake pads are the one essential, more important than power is being able to haul up quickly on track. The slicks will help with that as well. Reckon braking at the 50 marker board should be possible with the slicks and endless pads on their last legs.

Hope the drop links survive.

dufunk wrote:

That thing must be sharp with all that weight removed and 200bhp on tap, any in car vids?

She only pulled 183 bhp on the last dyno day, but yep she is plenty quick but mostly slideways. The weight loss helps alot in keeping corner speed and braking points effective. No videos yet, hopefully after this one I will have some for entertainment and ridicule.

basch32 wrote:

Where is the next trackday on? I though mondello wasnt starting until march?

Cant wait to get back out myself :)

It's a private day with the remnants of Octane.

Quandry wrote:

Nice update slip, good luck with the season!!

Thanks kindly Quandry really looking forward to it especially with my rally mate driving, should be interesting.

=====

Re: Beams MR2 Track Car.

Posted by TurboD - 2013/02/12 17:52

I was just going to ask are you allowed to use a set of slicks , I see you've just answered this . This will be interesting ;) I will have to tag along to watch .

=====

Re: Beams MR2 Track Car.

Posted by slipsliderg - 2013/02/12 20:50

Good stuff Alan pop down if you can and bring the camera.

=====

Re: Beams MR2 Track Car.

Posted by weeJohn - 2013/02/13 12:05

I would put the fresh pads in for the start of the day, bed them in while you are getting the feel for the place rather than after lunch when you are dying to get back at it.

Think a lad who goes to Kirkiston a lot is going, he drives a 3 series with an S2000 engine in it. Goes like shit off a shovel, Tony his name is, sound lad.

=====

Re: Beams MR2 Track Car.

Posted by slipsliderg - 2013/02/13 13:01

Cheers John, I am going to use these pads to strip the rust of the discs, then replace them with the Toyota ones I have. Not the bst of replacements for a track but I will smoke them up anyway.

Not sure if he is going to make it, seen some footage of him going round Kirky and he is quick, quick. Looks like a great combo that engine and chassis.

=====

Re: Beams MR2 Track Car.

Posted by dshamrock2000 - 2013/02/13 13:39

dufunk wrote:

That thing must be sharp with all that weight removed and 200bhp on tap, any in car vids?

I'll sort out the in car vids for this trip ray.

=====

Re: Beams MR2 Track Car.

Posted by b4ss - 2013/02/13 14:16

Where to the remnants of Octane hang out online these days?

=====

Re: Beams MR2 Track Car.

Posted by Kingers - 2013/02/13 16:29

slipsliderg wrote:

Nobody spotted the error in my install, I think the drop links are installed on the wrong side of the shock mount i.e. I need to face them the other way.

not on this forum anyway :laugh: ;)

=====

Re: Beams MR2 Track Car.

Posted by slipsliderg - 2013/02/13 16:47

Kingers wrote:

slipsliderg wrote:

Nobody spotted the error in my install, I think the drop links are installed on the wrong side of the shock mount i.e. I need to face them the other way.

not on this forum anyway :laugh: ;)

You took your time to chime in on this one, folks it was Kingers who mentioned it to me, I checked it out last night and indeed they are in the wrong way round.

I resign from the board in disgrace, if you hear a noise it me committing harakiri to save my family shame :laugh:

Re: Beams MR2 Track Car.

Posted by Kingers - 2013/02/13 16:49

LOLZ!! You can redeem yourself by advising me on gearoil on the thread I stuck up this afternoon ;-)

Re: Beams MR2 Track Car.

Posted by slipsliderg - 2013/02/13 16:52

Will do Kingers.

dshamrock2000 wrote:

dufunk wrote:

That thing must be sharp with all that weight removed and 200bhp on tap, any in car vids?

I'll sort out the in car vids for this trip ray.

Good stuff Dave, should be a great day out.

b4ss wrote:

Where to the remnants of Octane hang out online these days?

They hang out here for the moment; <http://fortyacresofyellow.freeforums.org/>

=====

Re: Beams MR2 Track Car.

Posted by Spanky - 2013/02/13 22:20

Hey slippers

I might pop down for a track day with you to take some pics and even a vid, if I am allowed in the car without a helmet - dont currently have one and have a big head so borrowing doesn't work.

I do have a snowboarding helmet :laugh:

Keep in touch dude and I can head down in the Honda sometime after the holiday i.e. after mid April

=====

Re: Beams MR2 Track Car.

Posted by Japohara - 2013/02/13 23:18

I have a lid here spanky .. They wont let you out without one ... hopefully I will have my car ready for track soon

=====

Re: Beams MR2 Track Car.

Posted by slipsliderg - 2013/02/14 21:37

Spanky, the plan is to head up there at some stage this year and meet up with WeeJohn. we can get a big helmet for you if needs be, better to have one than looking for one.

Your more than welcome to drop down some day and sign you up as an extra driver, full for this one now though.

Japohara, looking forward to that.

=====

Re: Beams MR2 Track Car.

Posted by Spanky - 2013/02/14 23:30

Nice one slips

It'll be sometime in the summer is think anyway.

I'll stay in touch

=====

Re: Beams MR2 Track Car.

Posted by slipsliderg - 2013/02/21 10:18

Rudolph the red nosed MR2 is all ready to roll, broken arb's replaced, brakes all fettled, brake fluid flushed, oil changed, coolant checked, battery charged up, track tyres 50% complete progress. Getting slicks for the front is proving harder than I thought but should be fruitful. Kingers is sorting me out with a set of rims for the slicks, sweet as a nut.

Up on the trailer last night, sweet.

http://i261.photobucket.com/albums/ii72/5lip5lide/IMG-20130220-00921_zps54fffc29.jpg

I am also aware that I may have cursed myself with having the car ready so early.

Dave, I should be there for about 8-30 to sign on, that will continue till breifing at 9-00

=====

Re: Beams MR2 Track Car.

Posted by Tsporter - 2013/02/21 10:33

I'm jealous now!! Unfortunately I can't make this one :-(

Have a ball and hope she goes well for ya! :-)

Get some in car vids if you can too!! I can vouch for your laps being very entertaining!

=====

Re: Beams MR2 Track Car.

Posted by weeJohn - 2013/02/21 12:42

Looking good, she will go well for you I have no doubt.

=====

Re: Beams MR2 Track Car.

Posted by slipsliderg - 2013/02/21 13:11

Tsporter, your very kind.

WeeJohn, we will have a blast, looking forward to seeing what difference slicks make.

Dshamrock shall be the AV guy, hopefully only need a full tank and one jerry can. Set the odo back to 0 from 279kms after the last days outing.

Bring it on.

Re: Beams MR2 Track Car.

Posted by Japohara - 2013/02/21 13:43

If I calculated this correctly there are going to be 4 track cars attached to this site

Slipsliderg
Tsporter
Kingers
and Mine ... Is that correct

... I have an in car camera here if you want to take the loan of it .. Its not great quality but might be good enough...

Re: Beams MR2 Track Car.

Posted by basch32 - 2013/02/21 13:47

ah now don't forget me it isn't a dedicated track car but will be back in Mondello in next month or two :)

Re: Beams MR2 Track Car.

Posted by Japohara - 2013/02/21 13:53

still not enough for our own race series

=====

Re: Beams MR2 Track Car.

Posted by slipslidge - 2013/02/21 14:00

Dedicated trackday cars.

Slipslidge

Japohara

WeeJohn

Track and road cars

Tsporter

Kingers

Basch32

B4ss

Smurfster

Ricky

Anybody else out there I forgot?

=====

Re: Beams MR2 Track Car.

Posted by dshamrock2000 - 2013/02/21 14:34

I have a donor MK1 in pieces that could be reassembled for the track only as it has no log book

=====

Re: Beams MR2 Track Car.

Posted by weeJohn - 2013/02/21 14:48

dshamrock2000 wrote:

I have a donor MK1 in pieces that could be reassembled for the track only as it has no log book

Do it, it weighs nothing and the 4AGE will not give any bother on the track.

=====

Re: Beams MR2 Track Car.

Posted by Japohara - 2013/02/21 14:51

That would be savage ... you should do it ...

=====

Re: Beams MR2 Track Car.

Posted by Japohara - 2013/02/21 16:22

I actually found 2 in car hd cameras I didn't know i had ... Better quality than i expected.... Slipsliderg if you are over this way you can take the loan of them ... All you need is some SD cards for them

=====

Re: Beams MR2 Track Car.

Posted by slipsliderg - 2013/02/21 16:40

Not going to be able to get over to you tonight, thanks for the offer.

=====

Re: Beams MR2 Track Car.

Posted by Japohara - 2013/02/21 16:42

No problem .. well they are here if they are needed

=====

Re: Beams MR2 Track Car.

Posted by TurboD - 2013/02/21 17:11

Japohara wrote:

still not enough for our own race series

I will find the money somewhere to get a mk2 and join you guys if we could have our own race series !

:woohoo:

Either way I hope to be joining you`s next year for track days .

Sorry I don`t think I`ll make it tomorrow to watch you tearing the track up Slipsliderg

but good luck I hope you all have a great day .

=====

Re: Beams MR2 Track Car.

Posted by dshamrock2000 - 2013/02/22 19:04

Thanks for today Ray, haven't felt adrenalin running through my veins like that in a long time :laugh: I'll try and compile a few photos and vid's by the end of tonight :yes:

=====

Re: Beams MR2 Track Car.

Posted by TurboD - 2013/02/22 22:21

dshamrock2000 wrote:

Thanks for today Ray, haven't felt adrenalin running through my veins like that in a long time :laugh: I'll try and compile a few photos and vid's by the end of tonight :yes:

I'm really looking forward to seeing these Dave . I trust Ray didn't frighten you too much , once the colour of the adrenalin wasn't brown I'd say you had a great day . :laugh: :laugh: :laugh:

=====

Re: Beams MR2 Track Car.

Posted by slipsliderg - 2014/02/17 13:50

Been a long time since I updated this thread!

Up onto stands the car went on saturday, then yesterday got stuck in for a little while and got the following completed.

All brake pads changed.

Brake fluid flushed and bleed.

Headlights and motor assembly removed.

Heater matrix removed and the reinstall looks factory almost.

If anybody needs to know about this, give me a shout.

https://lh5.googleusercontent.com/-DnuFaQchiVs/UwG-Ef-XVBI/AAAAAAAAACXw/YXfSubDpvvl/w454-h340-no/20140216_170146.jpg

https://lh3.googleusercontent.com/-4_jfvKgggy_c/UwG-CiDmADI/AAAAAAAAACXk/jfQ0UynUeKI/w454-h340-no/20140216_175649.jpg

New scrap stuff on the floor to trip up on.

https://lh6.googleusercontent.com/-tnSgujM2uTQ/UwG-Awpyr1I/AAAAAAAAACXY/952J_IXXlvA/w454-h340-no/20140216_175641.jpg

Now what remains:

Coolant needs to be bled.
Oil and filter change.
New wheel stud ordered, to be installed.
Wet day tyres ordered and to be placed on rims.
Rear slicks requested (free) and awaited.

No doubt a few other bits and bobs will be needed before OTD 18

=====

Re: Beams MR2 Track Car.

Posted by Tsporter - 2014/02/17 15:07

Good stuff, I'm jealous of you lads with dedicated trackcars! How much weight do you reckon you've taken out of her now and is there much more to take out without getting expensive lightweight panels?

=====

Re: Beams MR2 Track Car.

Posted by Japohara - 2014/02/17 15:39

Good stuff ... I need to get working now ... I will be left behind

=====

Re: Beams MR2 Track Car.

Posted by weeJohn - 2014/02/18 17:49

Looking good slip, still a few things that could come out of the interior in that pic, top carpet for example. Also, sit in the seat and look at all the sharp things you would not want to come into contact with, cut them off with a grinder as you will be surprised how much happier it makes you feel.

=====

Re: Beams MR2 Track Car.

Posted by Homer1798 - 2014/02/18 18:02

Yep, '95 rev3, was gona have it road legal but time is pushing on and it has been put on the garage for stripping (starting tomorrow).

=====

Re: Beams MR2 Track Car.

Posted by Homer1798 - 2014/02/18 18:03

Slipslidery, Is removing the heater matrix a dash out job?

=====

Re: Beams MR2 Track Car.

Posted by slipslidery - 2014/03/11 11:26

So the net result of OTD 18's, 2:07's in Mondello is 2 wheel bearings on the LHD of the car are destroyed :), not sure if they were original or not. But pricing up new bearings or 2nd hand hubs now to replace them and have the car ready for the next installment of trackday fun.

Thanks to Murtagh for sitting in the passo seat with me, pointers are much appreciated.

http://images14.fotki.com/v777/photos/0/78200/12854469/IMG_0913-vi.jpg

https://lh5.googleusercontent.com/-cGxAFpMMLWs/Ux4dS4Jio8I/AAAAAAAAACq4/U55pyojlKcs/w738-h983-no/20140310_194943.jpg

https://lh4.googleusercontent.com/-oCGUflj3Soc/Ux4fm0GTtKI/AAAAAAAAACrY/5Y8T8mKynRI/w738-h983-no/20140310_201846.jpg

Before the last trackday we purchased some rear 225/50 R15 Kumho V70a's of medium compound, happy enough with them but the wear rate is to high, so will need to wear them out fully and replace with a harder compound on the rear. Replaced the brake pads with EBC greenstuff and they are adequate, but Toyota pads are better. After they wear out yellows or some proper track pads (50mtr board here I come) will need to be sourced.

Since getting the car I have not had the geo done, so going to put in the camber bolts and get a bit more of an aggressive setup dialled in.

So whats the work list now.

- Replace the red nose to white :(
- Fix up the wheel bearings.
- Clean up all the alloys and paint them white.
- Oil & Filter change.
- Fabricate lighter crash bars for front and rear.
- Further lightening work.
- Get the Geo done.
- Buff the body work.

Then all the other bits and pieces that crop up in the meantime.

=====

Re: Beams MR2 Track Car.

Posted by got92tubby - 2014/03/11 17:23

Is it experience to get the geo done. Not ready to do it anytime some but just curious. When I took the back bumper of that rev 2 that I was breaking it only had a plastic type bumper support should there have been a metal bar as well.

=====

Re: Beams MR2 Track Car.

Posted by slipsliderg - 2014/03/11 21:17

Not to expensive when my cousin owns a 4 wheel alignment machine.

As for the crashbars, there should be one at the front and back of the car. I am going to make a lighter version in case it helps with chassis rigidity and weld a good tow eye onto it as well.

=====

Re: Beams MR2 Track Car.

Posted by got92tubby - 2014/03/11 22:52

That's handy.I thought you ment that company that Does race setups that you mentioned on here before. But I suppose you want to have your tyres and other stuff all chosen before going that road.

Have you any designs in mind for the crash bars for keeping it nice and ridigid. Would aluminium work or are you sticking with steel

=====

Re: Beams MR2 Track Car.

Posted by slipsliderg - 2014/04/12 19:46

got92tubby wrote:

Have you any designs in mind for the crash bars for keeping it nice and ridigid. Would aluminium work or are you sticking with steel

I was thinking about this and reckon that a 40mm angle iron maybe 5mm thick should be up to the job of keeping the chassis legs in check. Or 32mm box with a solid insert on the ends drilled for the 2 mounting bolts. Will mock up something soon and let you know.

=====

Re: Beams MR2 Track Car.

Posted by got92tubby - 2014/04/14 00:03

Cool sounds good.look forward to seeing it.

=====

Re: Beams MR2 Track Car.

Posted by slipsliderg - 2014/04/24 12:33

Now for sale see the for sale section B)

=====

Re: Beams MR2 Track Car.

Posted by slipsliderg - 2014/05/10 17:54

Great car for 2 people to own, having ran this car with another guy from work, I have to say having the car between two people is a great way to keep the costs down on track days.

Come on don't have me take the grinder to it and send the back of it to America.

=====

Re: Beams MR2 Track Car.

Posted by got92tubby - 2014/05/11 00:25

slipsliderg wrote:

Great car for 2 people to own, having ran this car with another guy from work, I have to say having the car between two people is a great way to keep the costs down on track days.

Come on don't have me take the grinder to it and send the back of it to America.

You wouldn't :rambo: :laugh:

=====

Re: Beams MR2 Track Car.

Posted by slipsliderg - 2017/08/17 18:34

Looks like Rudolph is up for sale with a new beating heart, interior, gearbox, driveshafts, loom, wheels etc.

Lots of the cars history on this thread.

<https://www.donedeal.ie/cars-for-sale/toyota-mr2-turbo/16254552>

Interesting one

Must be lots of people looking at it, I have received plenty of toll fees for it so far.

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