

THE RIGHT EDUCATION

CHANGE IS INEVITABLE BUT IN THIS CASE CHANGE IS CHOICE

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WE CONSTANTLY FOCUS ON THE THEME OF PUBLIC education about cars and how they work in this magazine - all in hopes that we may one day reduce the negative stereotypes associated with modified cars. But we are not alone in this quest.

Our allies are many, including you, the reader. This month, however, we want to write a tribute to Calvin Lim, who heads a company called Edutorque. We may talk a lot about automotive education, but here's someone who wakes up and walks this talk, every day of the week.

Edutorque is all about running educational programmes that help secondary school kids complete an 'N'-Level examinable science module related to cars.



On paper, the syllabus requires that they learn about how different systems in a car work, such as how the ignition distributor coils that magnify voltage from 14 to 8000 to create the mini bolts of lightning that fire up the air/fuel mixture in the compression chamber.

But these concepts are dry and tedious, and Edutorque has devised a way to breathe life into these ideas - by letting students discover the inner workings of a car before their very eyes.

You must be thinking, a practical learning session with a car parked outside doesn't make it any more interesting - it just means the students will be sweating a lot more. Not the case, since the car in question is this tricked-out Mitsubishi Evo X.

Not only do students' jaws drop to the floor upon seeing Calvin's car, they also often gain a first impression of the car modification community - and when the owner of the car is a coach and trainer that sincerely wants students to learn, the

stereotype that modified car owners are hooligans immediately gets debunked.

If we are to shift away from the shady underground as a community, then Calvin and his team are definitely moving things in the right direction, educating our youth and changing perceptions from the ground up.

Calvin is an avid track enthusiast, and when he isn't inspiring the next generation of gearheads he is in the driver's seat, helmet on and suited up, attacking the corners on the Sepang International Circuit with every ounce of grip his Evo X has to offer.

Predictable, then, that his Evo X is enhanced with handling tech, unseen to the eye, working to produce as much lateral G's as possible. HKS Hipermix III fully-adjustable coils dampen and shift weight seamlessly, while Cusco power braces all around the car keep body roll in check.

AP Racing brakes six- and four-pistons

fore and aft make braking from high speed a breeze, barely hidden behind lightweight Yokohama Advan RS racing wheels, with sticky Bridgestone Potenza RE050 sports tyres providing 235mm of contact with the tarmac on the track. All in all, this setup provides plenty of grip for the 1,200kg, 400bhp Evo X to lean on, giving Calvin pure exhilaration at every turn.

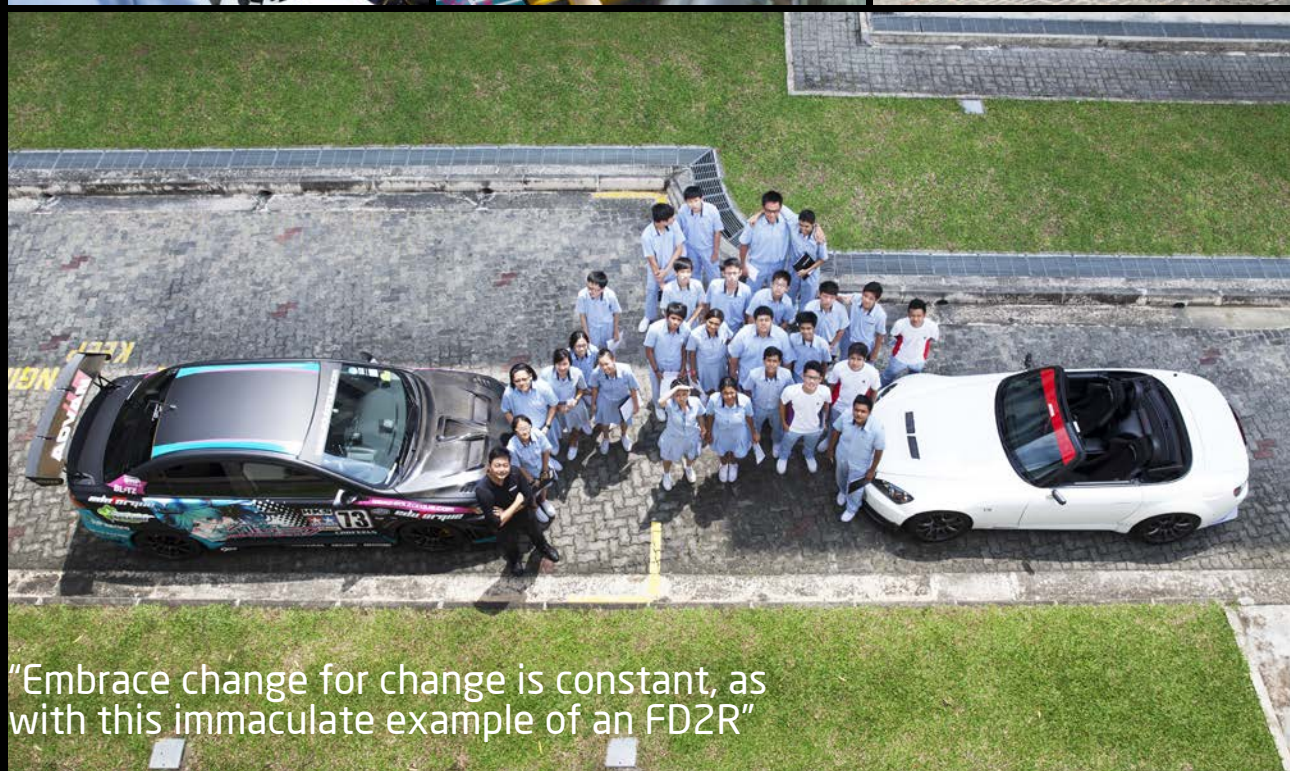
The engine of the Evo is one of the most exciting parts of the car for the students; though the 4B11T is made of aluminium alloy rather than the good ol' cast iron block of the 4G63T that it replaced, tuning options for Mitsubishi's latest AWD weapon remain plentiful, and turbo kits that allow outputs beyond 800bhp are just an engine rebuild away.

Calvin's Evo X is not far off that mark, either - his 4B11T gets a Blitz intake system, a high-flow Walbro fuel pump, larger injectors mounted on a custom fuel rail, improved oil feed systems and a hybrid turbocharger to shove copious amounts of compressed air/fuel mixtures into the combustion chamber.



"Embrace change for change is constant, as with this immaculate example of an FD2R"





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AFTMKT UPGRADES & SPECS

Engine & Drivetrain

BLITZ Intake w/ Custom Air Box, Walbro 255LPH High-flow Fuel Pump, 800cc Injectors, Customised Fuel Rail, Car Feel's Custom Surge Tank, Hybrid Turbocharger, Car Feel's Custom Exhaust Manifold w/ Custom Heatshield, Trust Exhaust System, OS Giken Organic Clutch Set, Samco Silicon Hoses

Handling & Chassis

HKS Hipermax III Fully-adjustable Coilovers, Cusco Power Braces (Full Set)

Footwork

All Around: Yokohama ADVAN RS Wheels 18 x 9.0J +22 All Around: Bridgestone Potenza RE050 235/40R18 Tyres AP Racing 6-piston (F), 4-piston (R) Brakes

Exterior

Test and Service Full Body Kit, CarbonRevo CF Bonnet, Chargespeed CF Front Fender Ducts, Ganador Side Mirrors, Voltex Type V GT-Wing, Custom-wrapped Hatsune Miku Vinyls

Interior & Electronics

KEY'S Racing Steering Wheel, KEY'S Racing Gearknob, Sparco Pedals, Defi Tachometer, BLITZ ID3 Boost Controller, BLITZ Turbo Timer, HKS Camp2 Monitoring System, Tuned by Rhommel

Output

Dynoed: 550bhp / 740Nm

From there, a high-flow Trust exhaust system expels waste gasses out two large-diameter mufflers, producing a low drone that slowly escalates into a full-on roar as the happy pedal is depressed. An OS Giken clutch sends power to all four wheels, the Evo's S-AYC system taking charge of torque vectoring to each wheel.

The main attraction of Calvin's Evo X, however, hits you right between the eyes when he rolls up - the car is kitted in cool complete Test and Service aero package, topped off with Ganador wing mirrors and a Voltex Type V GT-wing at the back for maximum visual impact.

As if the kit weren't enough - Calvin went Itasha with his choice of vinyls, opting for the beautiful vocaloid Hatsune Miku, a popular singing synthesizer application in

Japan that also graces the side of a certain Good Smile Racing Z4 in the GT300 series of the Japanese Super GT Championship.

Not many people know about this style of car décor - blasting anime characters all over the car to follow an Itasha style - and even fewer people appreciate it, making Calvin's courageous move all the more meaningful. Students are more often that not surprised at their trainer's choice, but those familiar with Japanese culture also instantly identify and applaud his effort - we're just helping him spread the word now.

So the next time you see a green-haired girl plastered across the side of a loud-looking Evo X, don't mark him down for being ostentatious - he's providing our youth with the right education.

