

# SERLC Motor Racing

(South East Region Learning Centres)



The 8<sup>th</sup> of October 2021 turned out to be a very successful day for the Eagleby students at Lakeside raceway for the 2021 annual Formula Student race day. Formula Student generally schedule their race day within the first four weeks of term 4 of the school year. Our car endured the six-hour race and only stopped for fuel and minor adjustments. We were well and truly within the top three cars for the highest lap count and fortunate to win the best presented chassis for the second year. Our team had an amazing day both competing and assisting schools from the Darling Downs through to the South East Corner of Queensland.

The course is offered at the Eagleby campus in their engineering facility. Certificate 2 in Engineering Pathways is delivered by SERLC staff in conjunction with Formula Student Australia. Formula Student Australia is the registered training organisation (RTO) who issues the students their Certificates once they have completed the course.

SERLC have been fabricating race cars at their engineering facility at Eagleby for the past five years. Each car takes a semester to manufacture. Students fabricate, weld and machine every component on the car from the tubular steel monocoque chassis to suspension components, custom aluminium panels and exhausts. All work is performed to close tolerances and once finished has to pass a quality assurance process before being painted and fitted to the car. These industry standards are paramount in building a safe, reliable and aesthetically pleasing race car. All work carried out on these vehicles is done inhouse by the students at the Eagleby engineering workshop with the paint and panel finishing lovingly performed by staff at Triple M Tray Bodies.



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SERLC 2020-21 Best presented Chassis



Lakeside 2020

As stated by the late Carrol Shelby:

**“Your success on the track is determined by the team’s sponsor”.**

SERLC has been very fortunate to have Triple M tray bodies as our sponsor. The SERLC motor racing team would like to thank Mr. Gene Thompson the owner of Triple M Tray bodies for all of the support and financial help that he has provided SERLC Racing from the beginning. Triple M Tray Bodies Administrators Clint List and Brett Johnstone have also been the driving force behind our success at the annual endurance race. Although all of the cars are built to the same design and specifications each school performs their own research and development to improve the efficiency, handling capabilities and overall reliability of their cars. Students are pro-active in developing engineering solutions to minimise the risks of mechanical failures on the day of the race. Daniel Stegman from Komatsu has been an asset in providing SERLC racing with valuable technical support over the years which has always been greatly appreciated.





Pit Stop 2018 race day



SERLC best Presented Chassis and best pit crew 2019



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Trophies presented to SERLC 2019





SERLC Racing 2018 car

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SERLC Racing 2017 car



The photographs highlight all of the permeations and improvements SERLC Racing has experienced over the past five years. SERCL Racing work by the G.R.I.T. principle. This is a set of values developed at the college that all SERLC staff and students work towards and aspire to achieve. They are:

G Guts and Goals

R Resilience

I Integrity

T Tenacity

SERCL Racing haven't always got things right, however, SERLC Racing have always demonstrated GRIT and the ability to dust themselves off, and collectively strive to do better every year.

**SERLC Racing make great race cars!!!!**