

# DYNO TUNING COURSES EMBRACE MAINLINE DYNOLG TECHNOLOGY

Mainline DynoLog Dynamometers is proud to announce its involvement with motorsport training group Motorsport Academy.

Motorsport Academy is a South Australian Based company, which has recently created three new tuning and vehicle technology courses which are carried out in-part on a Mainline AWD model dynamometer.

These latest training courses complement a varied range of EFI tuning and vehicle technology courses on offer from Motorsport Academy.

Motorsport Academy Director, Tim Possingham, said the use of state-of-the-art equipment such as the Mainline Dyno product is a necessity for Motorsport Academy.

"The Mainline Dyno has an extremely stable, hardware based speed and RPM control system," he said.

"When we are doing very light load tuning work, the control and accuracy is very evident. When we are training people, the tach trim function that holds the car at a specific RPM regardless of load is very useful.

"On other systems there is often a need to keep adjusting the vehicle's speed to try to keep it at a certain RPM as you vary the load. We don't see this on the Mainline Dyno we use."

At present Motorsport Academy has

three new courses for AWD vehicles that are vehicle specific in nature. These are delivered with real-world mentality as one on one private tuition in a classroom/workshop environment with plenty of hands-on training and a good deal of time spent in the actual vehicles they are being educated on.

Nissan R35 GTR, Mitsubishi EVO 4-10 and Subaru WRX GR Platform vehicles are the focus of the latest courses which are run intensively over one day per vehicle type with internationally recognised industry leader Martin Donnon.

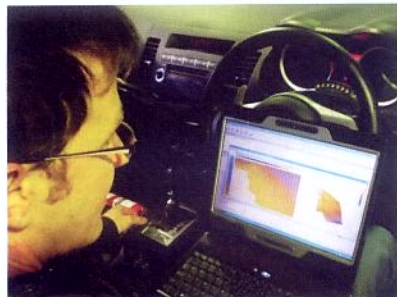
Students receive a rich insight into each vehicle family and topics covered include ECU programming using various platforms including COBB tuning and OpenSource software amongst others, transmission programming (on Dual Clutch models), fuel and ignition programming, boost control programming, touch-up tuning, advanced tuning, tuning limitations, engine modifications, engine dynamics, vehicle dynamics, suspension and brake upgrades (basic track setup) and considerations and Mainline AWD Dynamometer operator training.

Students can expect to gain valuable knowledge enabling them to become competent tuners and modifiers of the vehicle type chosen. These courses are quickly and easily translated into greater, faster and safer results on the track and in the workshop.

Existing owners of Mainline Dynamometers receive a 10 percent discount off the \$2500 course fee on each course attended. Further discounts apply to businesses wishing to have multiple employees attend the same training course (maximum two people).

Contact [admin@motorsportacademy.com.au](mailto:admin@motorsportacademy.com.au) and view [www.motorsportacademy.com.au](http://www.motorsportacademy.com.au) for information on the tuning and technology courses run on Mainline Dynamometers.

Visit [www.mainlinedyno.com.au](http://www.mainlinedyno.com.au) for information on the range of Mainline DynoLog Dynamometers.



## HARROP STEALTH FORCE

Harrop's legendary performance continues with the release of the Harrop Stealth Force supercharger range to suit Holden VE V8 models.



Offering stealth performance and OE style that fits under the standard bonnet profile, this innovative kit utilises an Edelbrock engineered manifold design coupled with the latest Eaton TVS technology to provide the most modern positive displacement supercharger available, designed to suit the L76/L98/LS3 engine platforms.

This system dramatically improves the power and torque of the stock engine with gains of more than 50 percent proven in testing providing supercar performance while reducing input power through the use of an integrated bypass valve.

Torque is maximised by the integration of 12-inch long intake runners in a nested configuration that allows the entire assembly to fit beneath the stock bonnet.

"The power delivery and instantaneous torque make for fantastic driving characteristics," Ron Harrop said.

"This kit complements our existing range of Stealth Superchargers very nicely. We are very pleased in the working relationship between Harrop Engineering and Edelbrock on the Stealth Force supercharger system."

Edelbrock Chairman, Vic Edelbrock, noted that Harrop Engineering is synonymous with quality engineered performance products that deliver real performance.

"They carry the same philosophies as Edelbrock - make quality products that bolt-on and deliver lasting performance," he said.

"Their engineering expertise expands Edelbrock's supercharger opportunities into the Australian market; a loyal customer base of real performance enthusiasts."

Delivering exhilarating yet affordable supercharged performance, these kits represent exceptional value and reliability.

The Harrop Stealth Force sets a new standard of supercharger design and performance and reaffirms Harrop, Edelbrock and Eaton's leadership in the performance automotive market.

Features include cast aluminium matching engine side covers, a self contained oil system with a 100,000 kilometre service interval (no drilling, no plumbing), 12 month warranty, whisper-quiet operation and retails at \$10,995.

For more information visit [www.harrop.com.au](http://www.harrop.com.au)



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