

Bosch Motorsport **Engine Control Units** Overview



Gasoline **Engine Control Units**

Bosch Motorsport provides a comprehensive range of motorsports ECUs. For each application we offer a suitable choice of ECUs that maintain Bosch quality standards.

The MS Sport Series provides a control strategy with an optimized function range, which allows for quick integration for entry level applications.

Our mid-range systems feature our traditional control units MS 3.1, MS 4.0, and MS 4.4. These systems are all proven in professional racing environments along with their torque-structure based control strategy.

High-End

The MS 5.2 represents our flagship ECU with FPGA technology. The development environment is powered by Matlab Simulink®. This ECU supports engines with up to 12 cylinders.

Find more information at www.bosch-motorsport.com

			Taxis Marian
	MS 3 Sport	MS 4 Sport	MS 4.4 Sport
Engine Layout	up to 6 cyl. 2 Bank	up to 8 cyl. 2 Bank	up to 10 cyl. 2 Bank
Control Strategy	alpha/n	alpha/n	alpha/n
Dual Lambda Control	•	•	•
Turbo Boost Control		optional	optional
Knock Control	optional	optional	optional
Electronic Throttle Control	optional	optional	optional
Traction Control	optional	optional	optional
Proposed Bosch Logger	C Sport/C 40	C Sport/C 40	C Sport/C 40
Support of Gasoline Direct Injection	•	•	•

Sport

MS 4.0 MS 3.1 MS 4.4 up to 6 cyl. up to 8 cyl. up to 10 cyl. 2 Bank 2 Bank 2 Bank torque-structure torque-structure torque-structure based based based C 40 C 40 C 40





Contact

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Status 11/2008

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Diesel Engine Control Units

Bosch Motorsport also offers Diesel ECUs.

Our mid-range systems feature our traditional control units MS 15.1 and MS 15.2 with a variety of advanced application options.

The MS 12 represents our flagship Diesel ECU. This ECU supports engines with up to 12 cylinders.

Find more information at www.bosch-motorsport.com