

Engine Control Unit MS 7.8



Dropped Features (from Engine Control Unit MS 7.4)

- ▶ all SERCOS real time ethernet
- ▶ all Moogvalve outputs
- ▶ RS232 interface
- ▶ 1 low side switch (1A, intended for starter control)

New Features (compared to Engine Control Unit MS 7.4)

- ▶ Additional H-Bridge (4 overall now)
- ▶ 2 additional CAN ports (5 overall, 3 of them CAN-FD option)
- ▶ 1 additional ethernet port 100Base-Tx (3 overall now)
- ▶ 5 additional analog inputs (2 of them with new PT1000 support)
- ▶ 2 additional revolution inputs (12 overall now)
- ▶ 8 analog / digital inputs with additional SENT option now
- ▶ All 8 sensor supplies are now switchable 5 V/Vbat, driver capability of 400 mA load and voltage & current measurement
- ▶ Optional external reference ground for cylinder pressure inputs
- ▶ Improved diagnosis of fuel control valve
- ▶ Improved USB speed (2.0 High speed, no galvanic isolation)

presented by:

Europe:
 Bosch Engineering GmbH
 Motorsport
 Robert-Bosch-Allee 1
 74232 Abstatt
 Germany
 Tel.: +49 7062 911 9101
 Fax: +49 7062 911 79104
 motorsport@bosch.com

North America:
 Bosch Engineering North America
 Motorsport
 38000 Hills Tech Drive
 Farmington Hills, MI 48331-3417
 United States of America
 Tel.: +1 248 876 2977
 Fax: +1 248 876 7373
 motorsport@bosch.com

Latin America:
 Robert Bosch Ltda
 Motorsport
 Av Juscelino Kubitschek de
 Oliveira 11800
 Zip code 81460-900
 Curitiba - Parana
 Brasilia
 Tel.: +55 41 3341 2057

Asia-Pacific:
 Bosch Engineering Japan K.K.
 Motorsport
 18F Queen's Tower C, 2-3-5 Minato Mirai
 Nishi-ku, Yokohama-shi
 Kanagawa 220-6218
 Japan
 Tel.: +81 45 650 5610
 Fax: +81 45 650 5611

Australia, New Zealand and South Africa:
 Robert Bosch Pty. Ltd
 Motorsport
 1555 Centre Road
 Clayton, Victoria, 3168
 Australia
 Tel.: +61 (3) 9541 3901
 motor.sport@au.bosch.com