

ABS M5 Kit Clubsport



The ABS M5 Kit Clubsport is developed for the operation in front-, rear- or 4-wheel drive vehicles. A generic wiring harness is included in the kit. This enables us to provide the kit with a significantly reduced price in comparison to the standard ABS M5 Kit with individual loom.

The ABS M5 Kit Clubsport is specifically adapted for motorsport use. Individual car parameters like e.g. vehicle weight, vehicle track, wheel weights, wheel circumferences, wheel base or number of increments can be calibrated with software free of charge. Please contact your Bosch Motorsport dealer for further information.

Technical Specifications

Mechanical Data

Hydraulic unit with attached ECU

Serial housing, dust- and damp-proof

Vibration damped circuit board

38 pin connector

2 hydraulic valves per wheel

2 brake circuits (front and rear)

2 hydraulic high pressures pumps

2 hydraulic accumulators 5 cm³/each

Standard fittings 2 x master cylinders M12 x 1
4 x brake cylinders M10 x 1

Size 122 x 110 x 122 mm

Weight 1,910 g

Operating temperature -30 to 130°C

- Suitable for front-wheel, rear-wheel and four-wheel drive vehicles
- Generic wiring harness to fit all engine bay and front foot well locations for the hydraulic module
- Same ABS hardware as standard ABS M5 Kit

Max. shock	50 g less than 6 ms
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Electrical Data

Supply voltage	10 to 16 V, max. 24 V for 5 min
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Max. peak voltage	35 V for 200 ms
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Power consumption Pump	230 W
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Power consumption Relay	170 W
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Power consumption Electronics	8 W
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Inputs

4 active wheel speed DF11i, DF11S or DF11V

Brake pressure (front brake circuit / rear brake circuit)

Longitudinal acceleration, lateral acceleration, yaw rate (MM5.10 sensor)

11 adjustment settings

ABS function can be deactivated (Pos. 12)

Outputs

ABS warning light (MIL)

TTL wheel speed signal FL / FR / RL / RR

Communication

ABS and Yaw Rate Sensor	CAN1
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Diagnostics	MSA Box II
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Content of Kit and Weights

Hydraulic unit with attached ECU	1,910 g
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2 pressure sensors	40 g/each
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Yaw/acceleration sensor	60 g
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12 position function switch	50 g
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4 wheel speed sensors DF11 standard	50 g/each
ABS warning light (MIL)	50 g
Standard wiring harness	1,540 g
Mounting and vibration-damping boards	80 g
Mounting board for hydraulic unit	212 g

Optional Accessories

Data logger C 70	F 02U V02 302-01
Display DDU 9	F 02U V02 300-02
Display DDU 10	F 02U V02 659-01
Communication interface MSA Box II	F 02U V00 327-03
Wheel speed signal splitter with 1 motorsport connector	F 02U V01 928-01

Ordering Information

ABS M5 Kit Clubsport

DF11i, 500 kbaud

Order number **F 02U V05 291-01**

ABS M5 Kit Clubsport

DF11i, 1 Mbaud

Order number **F 02U V05 292-01**

ABS M5 Kit Clubsport

DF11S, 500 kbaud

Order number **F 02U V05 293-01**

ABS M5 Kit Clubsport

DF11S, 1 Mbaud

Order number **F 02U V05 294-01**

ABS M5 Kit Clubsport

DF11V, 500 kbaud

Order number **F 02U V05 295-01**

ABS M5 Kit Clubsport

DF11V, 1 Mbaud

Order number **F 02U V05 296-01**

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