ABS M5 Kit

We developed ABS M5 for the operation in front-, rear- or 4-wheel drive vehicles. A vehicle specific wiring harness is included in the Kit. The ABS M5 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

Variations

<table>
<thead>
<tr>
<th>ABS M5 Kit 1</th>
<th>ABS M5 Kit 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customer specific wiring harness with motorsport connectors, wheel speed sensors with production-type connectors</td>
<td>Customer specific wiring harness with motorsport connectors, wheel speed sensors with motorsport connectors</td>
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</table>

Mechanical Data

<p>| |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Hydraulic unit with attached ECU</td>
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<tr>
<td>Serial housing, dust- and damp-proof</td>
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<tr>
<td>Vibration damped circuit board</td>
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<tr>
<td>38 pin connector</td>
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<tr>
<td>2 hydraulic valves per wheel</td>
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Electrical Data

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<tbody>
<tr>
<td>Supply voltage</td>
</tr>
<tr>
<td>Max. peak voltage</td>
</tr>
<tr>
<td>Power consumption Pump</td>
</tr>
<tr>
<td>Power consumption Relay</td>
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<tr>
<td>Power consumption Electronics</td>
</tr>
<tr>
<td>Inputs</td>
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<tr>
<td>10 to 16 V, max. 24 V for 5 min</td>
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<tr>
<td>35 V for 200 ms</td>
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<tr>
<td>230 W (preliminary)</td>
</tr>
<tr>
<td>170 W (preliminary)</td>
</tr>
<tr>
<td>8 W</td>
</tr>
<tr>
<td>4 active wheel speed DF11</td>
</tr>
<tr>
<td>Brake pressure (front brake circuit / rear brake circuit)</td>
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</tbody>
</table>
### Longitudinal acceleration, lateral acceleration, yaw rate (MM5.10 sensor)

11 adjustment settings applicable for OEMs

ABS function can be deactivated (Pos. 1 or Pos. 12)

### Outputs

- ABS warning light (MIL)
- EBD warning light (MIL) if needed
- TTL wheel speed signal FL / FR / RL / RR

### Communication

- ABS and Yaw Rate Sensor
- CAN1
- Diagnostics
- MSA Box II

### Content of Kit and Weights

- Hydraulic unit with attached ECU: About 1,910 g
- 2 pressure sensors: About 40 g/each
- Yaw/acceleration sensor: About 60 g
- 12 position function switch: About 50 g
- 4 wheel speed sensors DF11 standard: About 50 g/each
- ABS warning light (MIL): About 50 g
- Vehicle specific wiring harness with motorsport connectors: Depends on version
- Mounting and vibration-damping boards: About 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
- Communication interface MSA Box II: F 02U V00 327-02
- Wheel speed signal splitter with 1 motorsport connector: F 02U V01 928-01

### Ordering Information

**ABS M5 Kit 1**
Order number: F 02U V05 289-01

**ABS M5 Kit 2**
Order number: F 02U V05 290-01

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