

ABS M5 Kit Porsche Cup



- ▶ Plug & Play ABS M5 Kit for Porsche 997 Cup and 991 Cup Gen 1 and Gen 2
- ▶ Tested and developed on racetracks like Spa and Nordschleife
- ▶ Detailed installation instruction available at our website
- ▶ 1 Mbaud CAN

The ABS M5 Kit Porsche Cup is a derivative of the successful ABS M5 kit and specifically designed for Porsche 997 Cup and 991 Cup. A vehicle specific wiring harness is included in the kit. 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

	997 Cup (System DF11S)	991 Cup (System DF11i)
4 wheel speed sensors	Included, Porsche specific DF11S	Not included, series sensors fit
ABS warning light (MIL)	Included	Included (LED type)
Brake pipe fittings	Not included	Included
Fuses	Not included	Included
Holder for Hydraulic unit	Included, standard	Included, Porsche specific

Mechanical Data

Hydraulic unit

Vibration damped circuit board

38 pin connector

2 hydraulic valves per wheel

2 brake circuits (front and rear)

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
Max. shock	50 g less than 6 ms
Max. working speed	360 km/h = 100 m/s = 224 mph

Pressure Medium

DOT 4 brake fluid

DOT 5.1 brake fluid

Electrical Data

Supply voltage	10 to 16 V, max. 24 V for 5 min
Max. peak voltage	35 V for 200 ms
Power consumption pump	230 W
Power consumption relay	170 W
Power consumption electronics	8 W

Inputs

4 active wheel speed DF11

2 brake pressure (front brake circuit, rear brake circuit)

Longitudinal acceleration

Lateral acceleration

- 12 position function switch:
- 11 maps preconfigured
 - 1 switch position for ABS function OFF

Outputs

ABS warning light (MIL)
CAN channels: see manual

Optional Accessories

Data logger C 70	F02U.V02.302-02
Display DDU 9	F02U.V02.300-03

Content of Kit

Hydraulic unit

Holder for Hydraulic unit	See Variations
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4 Wheel speed sensors	See Variations
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2 pressure sensors	
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MM7.10 acceleration sensor	
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Vibrations damping board for acceleration sensor	
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12-position function switch	
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ABS warning light (MIL)	See Variations
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Specific wiring harness	
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Brake pipe fittings	See Variations
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Fuses	See Variations
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Fuse mounting bracket	
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Required Content

Brake pipes not included, available at Bosch Motorsport dealer

Communication

CAN via Com Interface MSA-Box II

Installation Notes

Maintenance Interval (brake fluid change, bleeding): 220 h or a maximum of two years.

The load on the hydraulic unit in racing is much higher than in pure road operation, therefore we recommend a replacement of the unit after two years.

Legal Restrictions

Generally blocked are direct and indirect business involving high risk destinations, including Russia, Belarus, Cuba, Iran, North Korea, Syria, Libya, Afghanistan, and certain non-governmental controlled Ukrainian regions. This list may change as geopolitics evolve.

Ordering Information

ABS M5 Kit Porsche 997 Cup

Order number **F02U.V05.289-20**

ABS M5 Kit Porsche 991 Cup Gen 1

2015 Model Year

Order number **F02U.V05.289-18**

ABS M5 Kit Porsche 991 Cup Gen 2

2017 Model Year

Order number **F02U.V05.289-19**

Com Interface MSA-Box II

Not mandatory if available

Order number **F02U.V00.327-03**

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