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 2D-Meßsysteme
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AC-ADAPT_PKM10_OIL-200 Adaptor for oil-pressure sensor to oil circuit in Moto2 including oil line, engine adaptor, gaskets, mounting parts AC-ADAPT_PKM10-000 Adaptor for pressure sensors SA-PKxxxxM10 to brake system, including gaskets AC-GPS_Mouse_12Hz-000 12Hz HQ GPS receiver kit, connector Binder 712 4PM, cable length 1950mm AC-GPS_Mouse_uC09-000 GPS receiver for LG-uC09, connector Binder 712 4PM, cable length 1950mm AC-LP_Ball_Set Ball button set for SA-LP sensors AC-LP_Ball_Socket_Set Metal Balls and Socket set for SA-LP sensors AC-LP_Socket_Set Socket set for SA-LP sensors AC-LT02A-000 Laptrigger transmitter TypA, 16 channel codes, cable length = 1200mm, open wires AC-Rainlight_battery-300 Battery pack for Rainlight, Super Seal 2PF connector AC-Rainlight_charger-300 220V Charger for Battery pack Rainlight, Super Seal 2PM connector AC-Rainlight_Kit-300 Rainlight Kit including: Rear Light	xM10 to brake system, including gaskets Binder 712 4PM, cable length 1950mm Binder 712 4PM, cable length 1950mm	Adaptor for pressure sensors SA-PKxxxM10 to brake system, including gaskets 12Hz HQ GPS receiver kit, connector Binder 712 4PM, cable length 1950mm GPS receiver for LG-uC09, connector Binder 712 4PM, cable length 1950mm Ball button set for SA-LP sensors Metal Balls and Socket set for SA-LP sensors	ling gaskets 1950mm	
AC-GPS_Mouse_12Hz-000 12Hz HQ GPS receiver kit, connector Binder 712 4PM, cable length 1950mm AC-GPS_Mouse_uC09-000 GPS receiver for LG-uC09, connector Binder 712 4PM, cable length 1950mm AC-LP_Ball_Set Ball button set for SA-LP sensors AC-LP_Ball_Socket_Set Metal Balls and Socket set for SA-LP sensors AC-LP_Socket_Set Socket set for SA-LP sensors AC-LT02A-000 Laptrigger transmitter TypA, 16 channel codes, cable length = 1200mm, open wires AC-Rainlight_battery-300 Battery pack for Rainlight, Super Seal 2PF connector AC-Rainlight_charger-300 220V Charger for Battery pack Rainlight, Super Seal 2PM connector AC-Rainlight_Kit-300 Rainlight Kit including:	Binder 712 4PM, cable length 1950mm Binder 712 4PM, cable length 1950mm	12Hz HQ GPS receiver kit, connector Binder 712 4PM, cable length 1950mm GPS receiver for LG-uC09, connector Binder 712 4PM, cable length 1950mm Ball button set for SA-LP sensors Metal Balls and Socket set for SA-LP sensors	1950mm	
AC-GPS_Mouse_uC09-000 GPS receiver for LG-uC09, connector Binder 712 4PM, cable length 1950mm AC-LP_Ball_Set Ball button set for SA-LP sensors AC-LP_Ball_Socket_Set Metal Balls and Socket set for SA-LP sensors AC-LP_Socket_Set Socket set for SA-LP sensors AC-LT02A-000 Laptrigger transmitter TypA, 16 channel codes, cable length = 1200mm, open wires AC-Rainlight_battery-300 Battery pack for Rainlight, Super Seal 2PF connector AC-Rainlight_charger-300 220V Charger for Battery pack Rainlight, Super Seal 2PM connector AC-Rainlight_Kit-300 Rainlight Kit including:	Binder 712 4PM, cable length 1950mm	GPS receiver for LG-uC09, connector Binder 712 4PM, cable length 1950mm Ball button set for SA-LP sensors Metal Balls and Socket set for SA-LP sensors		
AC-LP_Ball_Set AC-LP_Ball_Socket_Set Metal Balls and Socket set for SA-LP sensors AC-LP_Socket_Set Socket set for SA-LP sensors AC-LT02A-000 Laptrigger transmitter TypA, 16 channel codes, cable length = 1200mm, open wires AC-Rainlight_battery-300 Battery pack for Rainlight, Super Seal 2PF connector AC-Rainlight_charger-300 220V Charger for Battery pack Rainlight, Super Seal 2PM connector AC-Rainlight_Kit-300 Rainlight Kit including:		Ball button set for SA-LP sensors Metal Balls and Socket set for SA-LP sensors	1950mm	
AC-LP_Ball_Socket_Set Metal Balls and Socket set for SA-LP sensors AC-LP_Socket_Set Socket set for SA-LP sensors AC-LT02A-000 Laptrigger transmitter TypA, 16 channel codes, cable length = 1200mm, open wires AC-Rainlight_battery-300 Battery pack for Rainlight, Super Seal 2PF connector AC-Rainlight_charger-300 220V Charger for Battery pack Rainlight, Super Seal 2PM connector AC-Rainlight_Kit-300 Rainlight_Kit including:	ensors	Metal Balls and Socket set for SA-LP sensors		
AC-LT02A-000 AC-Rainlight_charger-300 AC-Rainlight_Kit-300 Socket set for SA-LP sensors Socket set for SA-LP sensors Laptrigger transmitter TypA, 16 channel codes, cable length = 1200mm, open wires Battery pack for Rainlight, Super Seal 2PF connector 220V Charger for Battery pack Rainlight, Super Seal 2PM connector AC-Rainlight_Kit-300 Rainlight Kit including:	ensors			
AC-LT02A-000 Laptrigger transmitter TypA, 16 channel codes, cable length = 1200mm, open wires AC-Rainlight_battery-300 Battery pack for Rainlight, Super Seal 2PF connector AC-Rainlight_charger-300 220V Charger for Battery pack Rainlight, Super Seal 2PM connector AC-Rainlight_Kit-300 Rainlight Kit including:		Socket set for SA-LP sensors		
AC-Rainlight_battery-300 AC-Rainlight_charger-300 AC-Rainlight_Kit-300 Battery pack for Rainlight, Super Seal 2PF connector 220V Charger for Battery pack Rainlight, Super Seal 2PM connector Rainlight_Kit including:				
AC-Rainlight_charger-300 220V Charger for Battery pack Rainlight, Super Seal 2PM connector AC-Rainlight_Kit-300 Rainlight Kit including:	el codes, cable length = 1200mm, open wires	Laptrigger transmitter TypA, 16 channel codes, cable length = 1200mm, open wires	 Jmm, open wires	
AC-Rainlight_Kit-300 Rainlight Kit including:	2PF connector	Battery pack for Rainlight, Super Seal 2PF connector	·	
	ht, Super Seal 2PM connector	220V Charger for Battery pack Rainlight, Super Seal 2PM connector	r	
Rear Light		Rainlight Kit including:		
		Rear Light		
Switchcable		Switchcable		
Battery pack		Battery pack		
Battery charger		Battery charger		
AC-Rainlight_switch-300 Swith Rainlight, Super Seal 2PM and Superseal 2PF connector	uperseal 2PF connector	Swith Rainlight, Super Seal 2PM and Superseal 2PF connector		
AC-Rainlight-300 Rainlight, Super Seal 2PM connector		Rainlight, Super Seal 2PM connector		
AC-Shift_LED8-000 Shift LED Box, 8 LED, 2 red, 1 orange, 2 green, 1 orange, 2 red, I2C interface	2 green, 1 orange, 2 red, I2C interface	Shift LED Box, 8 LED, 2 red, 1 orange, 2 green, 1 orange, 2 red, I2C interface		
AC-Shift_LED8-001 Shift LED Box, 8 LED, 2 green, 4 orange, 2 red, I2C interface	e, 2 red, I2C interface	Shift LED Box, 8 LED, 2 green, 4 orange, 2 red, I2C interface		
BC-LAF_Moto2-213 Engine Interface with 1ch LAF controller, 6 Signal pick ups from ECU 0-5V, 16bit resolution, 1 Bosch LSU 4.2 IN, sampling Rate 100Hz, Connectors:	er, 6 Signal pick ups from ECU 0-5V, 16bit resolution, 1 Bosch LSU 4.2 IN, sampling Rate	Engine Interface with 1ch LAF controller, 6 Signal pick ups from ECU 0-5V, 16bit resolution, 1 Bosch	J 0-5V, 16bit resolution, 1 Bosch LSU 4.2 IN, sampling Rate 100Hz,	, Connectors:
original Bosch connector for 4.2 probe cable length 860mm, Deutsch IMC 12PM for ECU pick up and Power cable length 300mm, Binder 712 5PM	e cable length 860mm, Deutsch IMC 12PM for ECU pick up and Power cable length 300m	original Bosch connector for 4.2 probe cable length 860mm, Deutsch IMC 12PM for ECU pick up and	h IMC 12PM for ECU pick up and Power cable length 300mm, Bind	der 712 5PM for
CAN Output cable length 300mm		CAN Output cable length 300mm		
BC-TMS_LDL_REC-000 Telemetrie receiver tyre monitoring system, connector Binder 712 5pm, cable length 160mm, including antenna (S0092)	stem, connector Binder 712 5pm, cable length 160mm, including antenna (S0092)	Telemetrie receiver tyre monitoring system, connector Binder 712 5pm, cable length 160mm, inclu	5pm, cable length 160mm, including antenna (S0092)	
CO-C4001 connector 61890552 (HX9-PCS2FAY-B, FUEL PUMP), Moto2	, FUEL PUMP), Moto2	connector 61890552 (HX9-PCS2FAY-B, FUEL PUMP), Moto2		
incl. housing, retainer, 2x seal, 2x pin		incl. housing, retainer, 2x seal, 2x pin		
CO-C4002 connector 61897107 (W025-33FAY-LGR2, ECU light gray), Moto2	iR2, ECU light gray), Moto2	connector 61897107 (W025-33FAY-LGR2, ECU light gray), Moto2		
incl. housing,33x pin		incl. housing,33x pin		
CO-C4003 connector 60980240 (Neutral, Oil Pres. Switch - 2PM), Moto2	s. Switch - 2PM), Moto2	connector 60980240 (Neutral, Oil Pres. Switch - 2PM), Moto2		
incl. housing, 2x pin		· ·		
CO-C4004 connector 65200498 (TS 312AY2F YZ, REGULATOR), Moto2	REGULATOR), Moto2			
incl. housing, 2x pin		• 1		
CO-C4005 connector 61880658 (CONNECTOR-A), Moto2	, Moto2			
incl. housing, 6x seal, 6x pin				
CO-C4006 connector 61897106 (W025-33FAY-B2, ECU black), Moto2	!, ECU black), Moto2	, , , , , , , , , , , , , , , , , , , ,		
incl. housing,33x pin		5 1		
CO-C4007 connector 61950041 (W-DL09SIN2AY-GR, INJECTOR) Moto2/Moto3	GR, INJECTOR) Moto2/Moto3		3	
incl. housing, 2x seal, 2x pin				
CO-C4008 connector 60981487 (HD09-02M-B, ENG. SUB CRANK PULSE CAM PULSE), Moto2	NG. SUB CRANK PULSE CAM PULSE), Moto2		PULSE), Moto2	
incl. housing, 2x pin				
CO-C4009 connector 61804184 (MT090HOU4F-R, SERVICE CHK), Moto2	s, SERVICE CHK), Moto2			
incl. housing, retainer, 4x seal, 4x pin		incl. housing, retainer, 4x seal, 4x pin		

20	
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Article	Description
CO-C4010	connector 61891012 (H4-DV6FAY-B, IG OIL), Moto2
	incl. housing, retainer, 6x seal, 6x pin
CO-C4011	connector 60985064 (MTW2-3PL-F-G, BANK ANGLE SENSOR), Moto2
	incl. housing, 3x pin
CO-C4012	connector 61890156 (HW09-TA2FAY-DGR, AIR TEMPERATURE) Moto2/Moto3
	incl. housing, retainer, 2x seal, 2x pin
CO-C4013	connector 69180360 (HW-09RET-TA2F), Moto2
CO-C4014	connector 691890593 (HX9DC-2FAY-BR, FUEL PUMP), Moto2
	incl. housing, retainer, 2x seal, 2x pin
CO-C4015	connector 61896948 (H2W025-4FAY-B, IACV), Moto2
	incl. housing, retainer, 4x seal, 4x pin
CO-C4016	connector 61890486 (1145W9A03F-GR, ENG COOLANT TEMP) Moto2/Moto3
	incl. housing, 3x seal, 3x pin
CO-C4017	connector 124445202 + 1400-0522 (COIL) Moto2/Moto3
	incl. housing, retainer, 2x seal, 2x pin
CO-C4018	connector 61890887 (HX4-DC3FAY2-B, MAP, TP, SPD SENSOR) Moto2/Moto3
	incl. housing, retainer, 3x seal, 3x pin
CO-C4019	connector61890132 (HW09-4FAY-DGR,Shift, LAF, USB) Moto2/Moto3
	incl. housing, retainer, 4x seal, 4x pin
CO-C4020	connector61890970 (HX4DCV3FAY-DL,Air press.) Moto3
CO-C4021	connector61891081 (HX4DCV5FAY-B, Fuel Pump) Moto3
CO-C4022	connector61803451 (HM090 03F, Bank angle) Moto3
CO-C4023	connector61872801 (HM090 02MASSY,Gear Pos.) Moto3
CO-C4024	connector61876809 (HM090 06MASDGR,Alternator) Moto3
CO-C4025	connector0,00 (WP187-5FAY-B2,Volt. Regulator) Moto3
DI-Dash_6/8_2C-200	BigDash display basic with Moto2 setting, newest COG technology, 2 CAN Input, PVC housing
	including 6 and 8 Pin OEM connector set
DI-MIDI11-000	Midi Dash display, High Quality, newest COG technology, 1 CAN Input, 2 analog Inputs, GPS input, aluminium housing, optional 2nd CAN Input or 2
	analog inputs available, 200mm cable length, Deutsch AS 110-35PN
DI-MIDI11-201	Midi Dash display, High Quality, newest COG technology, 1 CAN Input, aluminum housing for Moto2, 200mm cable length, Deutsch ASDD 6 06-09 PC
	connector.
IN-USB2CAN09-000	Unit for programming 2D CAN-Modules via USB, connector Binder 712 5pm for the CAN-line and USB typeB socket for the USB connection, cable length
	300mm for USB, 1000mm for CAN-line
LG-uCAN11_Moto2-211	Moto2 branded Datalogger, 2 GB Memory, 8 Analog-IN 14Bit, 3 Digital-IN, 1 LAP/SECTION IN, 1 Dorna IN, 2 CAN Interface 64 CAN channels, GPS-Mouse
	IN, 3 integrated Accelerometers, Deutsch Connection USB Interface, including Deutsch USB interface cable
SA-AC10HQ1-200	Static accelerometer high quality, +/-10G, 1 axis , 100Hz filter (12dB), connector Deutsch ASL 606-05 PN, cable length 750 mm
SA-GY200V4-200	Yaw-rate-sensor (gyro), +/- 200°/s, connector Deutsch ASL 606-05 PN, cable length 800mm
SA-LP075D-200	Linear potentiometer double track 75 mm, connector Deutsch ASL 606-05 PN, cable length 300 mm
SA-LP075S-300	Linear potentiometer slim body 75mm, connector Deutsch ASU 603 03PN, cable length 300mm
SA-LP150D-200	Linear potentiometer double track 150 mm, connector Deutsch ASL 606-05 PN, cable length 300 mm
SA-LP150D-300	Linear potentiometer 150mm, connector Deutsch ASU 603 03PN, cable length 300mm
3/1 El 130D 300	Linear potentionicter 130mm, connector Deatsch A30 003 03 14, cable length 300mm

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Article	Description	
SA-LSU4.2-000	Bosch LSU 4.2, wide range lambda and A/F sensor with original Bosch connector	
SA-LSU4.9-300	Bosch LSU 4.9, wide range lambda and A/F sensor with connector AS 6 07-35PN, length 600mm including cable and sensor, HRC Moto3	
	!!! NO 2D PINNING !!!	
SA-PA04-200	Air pressure sensor, 750 - 1140mbar, connector Deutsch ASL 606-05 PN, cable length 1000mm	
SA-PK010M10HT-200	Pressure sensor 10 bar, thread M10, connector Deutsch ASL 606-05 PN, cable length 350 mm, Temperature Range up to 120°C	
SA-PK010M10HT-300	Pressure sensor 10 bar, thread M10, connector Deutsch ASU 603-03PN, cable length 350 mm, Temperature Range up to 120°C	
SA-PK100M10-200	Pressure sensor 100 bar, thread M10, connector Deutsch ASL 606-05 PN, cable length 400mm	
SA-PK100M10-300	Pressure sensor 100 bar, thread M10, connector Deutsch ASU 603P 03N, cable length 400mm	
SD-LR02A-200	Laptrigger receiver 16 adjustable channel codes, connector ASL 106-05 PN, cable length 800mm	
SW-LIC 2013 Full Moto2	single installation licence at FULL level for Race software Moto2	
	Softwarepackage 2D, licence Full including:	
	- WinARace frontend tool	
	- WINIT communication tool	
	- SpecView data administration tool	
	- Calctool	
	- Analyzer data analysing tool	
SW-LIC 2013 Full update 2012 to 2013	single installation licence update at FULL level for Race software Moto2	
	Softwarepackage 2D, licence Full including:	
	- WinARace frontend tool	
	- WINIT communication tool	
	- SpecView data administration tool	
	- Calctool	
	- Analyzer data analysing tool	
SW-LIC 2013 Full Moto3	single installation licence at FULL level for Race software Moto3	
	Softwarepackage 2D, licence Full including:	
	- WinARace frontend tool	
	- WINIT communication tool	
	- SpecView data administration tool	
	- Calctool	
	- Analyzer data analysing tool	
	- Converter Del'Orto/2D format	
SW-LIC 2013 Net Moto2	4 installation licences at NET level for Race software for Moto2	
	Softwarepackage 2D, licence Net including:	
	- 4 network licences	
	- WinARace frontend tool	
	- WINIT communication tool	
	- SpecView data administration tool	
	- Calctool	
	- Analyzer data analysing tool	

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Article	Description
SW-LIC 2013 Net Moto2 update	4 installation licences update at NET level for Race software for Moto2
	Softwarepackage 2D, licence Net including:
	- 4 network licences
	- WinARace frontend tool
	- WINIT communication tool
	- SpecView data administration tool
	- Calctool
	- Analyzer data analysing tool
SY-Moto2_Base-213	Moto2 Basic Datarecording System including:
	- Moto2 datalogger
	- Deutsch USB Connection
	- Moto2 engine interface 2013
	- GPS receiver
	- Moto2 sensor add on
	- 2D Moto2 system manual on CD
	also including:
	-1 SW Lic Moto2, valid 1 year
	-1 Base service 2D@Racetrack
	3 Preseason IRTA tests
	4 Race events
	- Special crash dash 6/8 repair price: €800,-/dashboard
	- 5% Discount on spare parts
SY-TMS_LDL_B-200	Wireless tyre monitor system, pressure, temperature, CAN output, for rent including:
	- 1 receiver with CAN output, BC-TMS_LDL_REC-000
	- short range antenna
	- 10 valves with transmitter, 8,5mm for bike, SA-TMS_LDL_B-000
	- 1 Remote controll for valves, AC-TMS_LDL_Rem-000
	The team has to place a 2D sticker in size of Tech sponsor at the bike
	System has to be turned back at the last official Race in Moto2 otherwise the system will be charged complete
WC-COMETH-300	Ethernet communication cable, l=1.5m, RJ45, Lemo FGN.1F.308.XLC with release cord