

## 2020 YZF-R1 RACING KIT PARTS

- Basic engine parts
- Optional engine parts
- Optional chassis parts
- Old model parts
- R1 Parts combination table

### Basic engine parts

This kit set is made to improve the engine performance for racing purpose.

This set is prepared within the FIM SBK Regulations as known at this current date.

\*Each part should be ordered individually.

Part number	Part name	Details	Price
14B-R465B-70	SPARK PLUG SET	Set of spark plugs R0465B-10 of NGK.(Semi-surface discharge) The set contains 4 plugs.	CHF 482.-
B3L-12170-70	SHAFT CAM 1	Valve timing, Working angle, and Cam-profile have been changed to improve output. Use this together with original valve springs of YZF-R1.	CHF 2`310.-
B3L-12180-70	SHAFT CAM 2	<b>【IMPORTANT】</b> Check the R1 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use.	CHF 2`310.-
B3L-12176-70	SPROCKET, CAM	This part is a sprocket for 2CR-12170/12180-70, B3L-12170/12180-70 SHAFT CAM. *Each shaft cam needs dedicated sprocket. Strength is increased from 2019 KIT.	CHF 620.-
B3L-1440B-70	AIR FUNNEL SET	This part is a set consists of a primary funnel and variable secondary funnel. <b>【IMPORTANT】</b> Check the R1 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use.	CHF 5`163.-
2CR-A4890-70	AIS PLUG SET	These plugs need to be used when the AIS (Air Induction System) is removed.	CHF 138.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
 Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

# Yamaha 2020 Racing Kit Parts



B3L-F2590-70	WIRE HARNESS SET	This wire harness is designed for racing use, which is lighter weight than STD one. 【IMPORTANT】 Check the R1 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use.	CHF 1`851.-
B3L-82386-70	WIRE, SUB-LEAD for TH INJECTOR	This part is for repair B3L-F2590-70 WIRE HARNESS SET.	CHF 69.-
B3L-82318-70	WIRE, SUB-LEAD for AC INJECTOR	This part is for repair B3L-F2590-70 WIRE HARNESS SET.	CHF 69.-
B3L-82309-70	WIRE, SUB-LEAD for IG.COIL	This part is for repair B3L-F2590-70 WIRE HARNESS SET.	CHF 93.-
2CR-8231Y-70	WIRE, LEAD for FUEL PUMP	This part is for repair B3L-F2590-70 WIRE HARNESS SET.	CHF 35.-
B3L-83553-70	WIRE, LEAD for METER	This part is for repair B3L-F2590-70 WIRE HARNESS SET.	CHF 121.-
B3L-2331W-70	BRKT, UPPER	This part is for repair B3L-F2590-70 WIRE HARNESS SET. For mounting the ECU to the frame.	CHF 136.40.-
B3L-2331X-70	BRKT, UNDER	This part is for repair B3L-F2590-70 WIRE HARNESS SET. For mounting the ECU to the frame.	CHF 159.30.-
B3L-8591A-70	ECU SET (2020 KIT version ECU)	By using this ECU with kit wire harness, it is possible to adjust the amount of fuel injection, ignition timing and etc. This ECU has two different mode and the mode can be switched ; SB (Superbike) and ST (SuperStock). CD-ROM, software manual and kit manual are included in this set. From 2019 kit , The manual is only for English and Japanese. 【IMPORTANT】 For SB:Check the R1 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use. For ST:All the specs related to the engine need to be STANDARD spec.	CHF 2`309.-
2CR-8533A-70	CABLE INTERFACE	The cable for connecting ECU to PC which is USB type. The device driver of the cable interface is "Windows 10" correspond	CHF 500.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

## Optional engine parts

These parts are utilities for further improving engine performance.

Part number	Part name	Details	Price
2CR-MAINT-73	MAINTENANCE SET	This set includes the anti stick cover gaskets and standard head gasket, base gasket, oil-seal and other parts for engine maintenance. With these parts you can rebuild 3 engines. The piston ring in this SET is modified from "-70." There is no interchangeability between "-70"and"-71". 【CHANGE FROM 2018】 Change the GSKT STRAINER. 2CR-13414-70 → BX4-13414-00 (STD) 【CHANGE FROM 2020 3rd order round】 Add the cylinder head bolt.	CHF 2'045.10.-
2CR-15451-70	GSKT COVER 1 (for repair)	This part is for repair	CHF 25.-
2CR-15461-70	GSKT COVER 2 (for repair)	This part is for repair	CHF 21.-
2CR-15456-70	GSKT 1 (for repair)	This part is for repair	CHF 19.-
2CR-15462-70	GSKT COVER 3 (for repair)	This part is for repair	CHF 19.-
2CR-116A0-71	PISTON SET (STD)	This piston set is uniform weight of four production pistons. Piston ring set, piston pin and circlip are included in this set. The piston and piston ring in this SET are modified from "-70." There is no interchangeability between "-70"and"-71". 【IMPORTANT】 Check the R1 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use.	CHF 1'621.-
2CR-1165B-70	CONNECTING ROD SET (STD)	This connecting rod set is uniform weight of four production connecting rod. 【IMPORTANT】 Check the R1 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use.	CHF 3'023.-
B3L-11400-70	CRANK SHAFT	This crank shaft is optimum selected well balanced of the production crank shaft. 【IMPORTANT】	CHF 2'432.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

# Yamaha 2020 Racing Kit Parts



	(STD)	Check the R1 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use.	
2CR-13400-70	STRAINER COVER ASSY.	This part decreases the loss horsepower of an engine by deepening the bottom to lower the oil level, compare to the STD oil pan. This part requires the dedicated muffler, which will be sold by A KRAPOVIC.	CHF 5`632.-
2CR-13410-71	STRAINER HSG.ASSY.	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.	CHF 2`582.-
2CR-13576-70	SPACER	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.	CHF 379.-
2CR-13418-70	PIPE,OIL 2	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.	CHF 327.-
2CR-13416-71	PIPE,OIL 1	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.	CHF 207.-
2CR-13161-70	PIPE,DELIVERY 1	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.	CHF 207.-
2CR-1310A-70	PAN,OIL	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.	CHF 1`963.-
2CR-13414-70	GASKET,STRAINER	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.	CHF 25.-
2CR-13317-70	BAFFLE, PLATE	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.	CHF 207.-
2CR-13428-70	BRKT.,STRAINER 1	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.	CHF 276.-
B3L-16332-70	SPACER, CLUTCH SPRG.	This spacer is intended to reduce rear tire hopping during deceleration.	CHF 13.-
2CR-17401-70	MAIN AXLE ASSY.	Please refer Kit R1 Mission Ratio sheet for details You can order each gear individually.	CHF 2`116.-
2CR-17121-70	GEAR 2ND PINION		CHF 1`154.-
2CR-17131-70	GEAR 3RD PINION		CHF 1`704.-
2CR-17151-70	GEAR 5TH PINION A		CHF 1`364.-
2CR-17151-80	GEAR 5TH PINION B		CHF 1`364.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

2CR-17161-70	GEAR 6TH PINION A		CHF 1`364.-
2CR-17161-80	GEAR 6TH PINION B		CHF 1`364.-
2CR-17402-00	DRIVE AXLE ASSY.(STD)	This drive axle is assembled bearings. (STD spec)	CHF 246.80.-
2CR-17211-70	GEAR 1ST WHEEL	Please refer Kit R1 Mission Ratio sheet for details You can order each gear individually.	CHF 1`288.-
2CR-17221-70	GEAR 2ND WHEEL		CHF 1`364.-
2CR-17241-70	GEAR 4TH WHEEL		CHF 1`364.-
2CR-17251-70	GEAR 5TH WHEEL A		CHF 1`704.-
2CR-17251-80	GEAR 5TH WHEEL B		CHF 1`704.-
2CR-17261-70	GEAR 6TH WHEEL A		CHF 1`704.-
2CR-17261-80	GEAR 6TH WHEEL B		CHF 1`309.50.-
2CR-A7000-70	MISSION MAINTENANCE SET		This set includes 5sets of circlip and 3sets of collar, washer and bearings.
2CR-17460-74	SPROCKET DRIVE, 14T fits 520 chain	This is a lightweight drive sprocket. There are 3 types of sprockets (14,15 and 16) for size 520 drive chain.	CHF 121.-
2CR-17460-75	SPROCKET DRIVE, 15T fits 520 chain		CHF 121.-
2CR-17460-76	SPROCKET DRIVE, 16T fits 520 chain		CHF 121.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
 Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

# Yamaha 2020 Racing Kit Parts



2CR-A7463-70	SPROCKET NUT SET, to be used with kit sprocket drive	This part is for the drive sprocket of the kit. This set includes 3sets of nut and washer.	CHF 59.-
BX4-F4350-71	HEAD LIGHT HARNESS SET	This set is for endurance racing. It has two circuits in the system. And it has an independent switch to turn on the taillight in case of emergency. Use this set together with the kit wire-harness. The branch of the battery connection lead has been changed from 2019 KIT.	CHF 207.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha



## Optional chassis parts

These chassis parts should be used to complete the machine for the racing purpose.

Part number	Part name	Details	Price
BN6-23141-75	SPRING, FR. FORK (9.5N/mm)	This spring is for standard type front fork setting parts. There is 2 different spring rate setting.	CHF 345.-
BN6-23141-80	SPRING, FR. FORK (10.0N/mm)		CHF 345.-
13S-24713-70	CUSHION SEAT	This cushion seat is nonslip type sponge with dimples.	CHF 121.-
B3L-26243-70	TUBE, GUIDE	This part is for making short stroke throttle. Use this together with standard type cap grip.	CHF 404.-
2CR-22222-A0	SPRING REAR SHOCK (83N/mm)	This spring is for standart type rear shock absorber setting parts. There is 5 different spring rate setting.	CHF 712.40.-
2CR-22222-70	SPRING REAR SHOCK (93N/mm)		CHF 498.-
2CR-22222-75	SPRING REAR SHOCK (98N/mm)		CHF 498.-
2CR-22222-80	SPRING REAR SHOCK (103N/mm)		CHF 498.-
2CR-22222-85	SPRING REAR SHOCK (108N/mm)		CHF 712.40.-
2CR-25100-70	Fr SPARE WHEEL ASSY	This is standard type front wheel assembly which is assembled the bearings. The brake discs are not included. The rotor sensor are included.	CHF 1'549.-
B3L-25300-70	Rr SPARE WHEEL ASSY	This is standard type rear wheel assembly which is assembled the bearings. The brake discs and the rotor sensor are included. Strength is increased from 2019 KIT.	CHF 1'722.-
2CR-25438-70	Rr. SPROCKET 38T	#520 38T	TBC
2CR-25439-70	Rr. SPROCKET 39T	#520 39T	TBC
2CR-25440-70	Rr. SPROCKET 40T	#520 40T	CHF 197.-
2CR-25441-70	Rr. SPROCKET 41T	#520 41T	CHF 197.-
2CR-25442-70	Rr. SPROCKET 42T	#520 42T	CHF 197.-
2CR-25443-70	Rr. SPROCKET 43T	#520 43T	CHF 197.-
2CR-25444-70	Rr. SPROCKET 44T	#520 44T	CHF 197.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

# Yamaha 2020 Racing Kit Parts



2CR-25445-70	Rr. SPROCKET 45T	#520 45T	CHF 197.-
2CR-25446-70	Rr. SPROCKET 46T	#520 46T	CHF 197.-
2CR-25447-70	Rr. SPROCKET 47T	#520 47T	TBC
2CR-25448-70	Rr. SPROCKET 48T	#520 48T	TBC
2CR-25449-70	Rr. SPROCKET 49T	#520 49T	TBC
2CR-28130-70	REPAIR SET for 2015~2017 YZF-R1	Meter, Sw.Handle, Rotor Sensor and Fr. Wheel Sensor Assy are included. (STD spec) FOR 2015~2017 YZF-R1.	CHF 1'894.-
BX4-28130-80	REPAIR SET for 2018-2019 YZF-R1	Meter, Sw.Handle, Rotor Sensor and Fr. Wheel Sensor Assy are included. (STD spec) FOR 2018~2019 YZF-R1.	CHF 1'894.-
B3L-28130-70	REPAIR SET for 2020 YZF-R1	Meter, Sw.Handle, Rotor Sensor and Fr. Wheel Sensor Assy are included. (STD spec) FOR 2020 YZF-R1.	CHF 2'080.-
2KS-28130-70	REPAIR SET for 2015~2017 YZF-R1M	Meter, Sw.Handle, Rotor Sensor and Fr. Wheel Sensor Assy are included. (STD spec) FOR 2015~2017 YZF-R1M.	CHF 1'894.-
2KS-28130-80	REPAIR SET for 2018~2019 YZF-R1M	Meter, Sw.Handle, Rotor Sensor and Fr. Wheel Sensor Assy are included. (STD spec) FOR 2018~2019 YZF-R1M.	CHF 1'894.-
B4S-28130-70	REPAIR SET for 2020 YZF-R1M	Meter, Sw.Handle, Rotor Sensor and Fr. Wheel Sensor Assy are included. (STD spec) FOR 2020 YZF-R1M.	CHF 2'079.-
2KS-82509-70	WIRE, SUB LEAD for 2KS	This part is for connecting Electric Racing Suspension (STD).	CHF 80.-
2KS-85800-72	CCU (Communication Control Unit) SET	A KIT that has a function of analogue channel (2 channels) added to the CCU of 2KS (YZF-R1M). This can be used to measure air-fuel ratio or suspension stroke amount, etc. (Sensors neseccary for the measurement have to be purchased separately) An analog channel connector (2 PIN female) is added from "-71".	CHF 2'743.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha



---

## Old model parts

---

Some parts for old models are also available.

Part number	Part name	Details	Price
2CR-F2590-70	WIRE HARNESS SET for 2015-2017 YZF-R1	This is kit wire harness set for 2015~2017 YZF-R1	CHF 1'394.-
2CR-8591A-72	ECU SET for 2015-2017 YZF-R1	This is kit ECU set for 2015~2017 YZF-R1	CHF 1'239.-
BX4-F2590-70	WIRE HARNESS SET for 2018-2019 YZF-R1	This is kit wire harness set for 2018~2019 YZF-R1	CHF 1'549.-
BX4-8591A-70	ECU SET for 2018-2019 YZF-R1	This is kit ECU set for 2018~2019 YZF-R1	CHF 1'376.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

## R1 Parts Combination Table

No other combination is allowed to use.

MODEL	SHAFT CAM 1 (INT)	SHAFT CAM 2 (EXT)	VALVE SPRING SET	AIR FUNNEL SET	ECU SET	WIRE HARNESS SET	METER(REPAIR SET)
2015	2CR-12170-70	2CR-12180-70	2CR-A2110-70 2CR-A2110-71	MGC-191114-00	2CR-8591A-70	2CR-F2590-70	R1:2CR-83500-00 (SET No.2CR-28130-70) R1M:2KS-83500-00 (2KS-28130-70)
2016				2CR-1440B-70	2CR-8591A-71 2CR-8591A-72		
2017							
2018 2019	2CR-12170-70	2CR-12180-70	2CR-A2110-71	2CR-1440B-70	BX4-8591A-70 BX4-8591A-71	BX4-F2590-70	R1:BX4-83500-30 (SET No.B3L-28130-70) R1M:2KS-83500-60 (SET No.2KS-28130-80)
2020	B3L-12170-70	B3L-12180-70	Use with original valve springs of YZF-R1. BX4-12113-00 BX4-12114-00 BX4-12123-00 BX4-12124-00	B3L-1440B-70	B3L-8591A-70	B3L-F2590-70	R1:B3L-83500-00 (SET No.B3L-28130-70) R1M:B4S-83500-00 (SET No.B4S-28130-70)

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
 Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

# Yamaha 2020 Racing Kit Parts



MODEL	PISTON SET	CONNECTING ROD SET	CRANK SHAFT
2015	2CR-116A0-70		2CR-11400-70
2016	2CR-116A0-71	2CR-1165B-70	2CR-11400-71
2017			
2018			
2019			
2020			B3L-11400-70

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

## Kit R1 Mission Ratio

### Mission Ratio

GEAR	Ratio	Pinion			Wheel		
		Parts No.	Teeth	Stamp	Parts No.	Teeth	Stamp
1st	2.438	2CR-17401-70	16	U7-1PC-0	2CR-17211-70	39	U7-1WC-0
2nd	2.059	2CR-17121-70	17	U7-2PD-0	2CR-17221-70	35	U7-2WD-0
3rd	1.789	2CR-17131-70	19	U7-3PC-0	2CR-17231-70	34	U7-3WC-0
4th	1.571		21	U7-4PC-0	2CR-17241-70	33	U7-4WC-0
5th (A)	1.455	2CR-17151-70	22	U7-5PCX-0	2CR-17251-70	32	U7-5WCX-0
5th (B)	1.409	2CR-17151-80	22	U7-5PH-0	2CR-17251-80	31	U7-5WH-0
6th (A)	1.364	2CR-17161-70	22	U7-6PCX-0	2CR-17261-70	30	U7-6WCX-0
6th (B)	1.320	2CR-17161-80	25	U7-6PI-0	2CR-17261-80	33	U7-6WI-0

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
 Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

# Yamaha 2020 Racing Kit Parts



## Gear Ratio

	STD		KIT	
1st	39	/ 15 (2.600)	39	/ 16 (2.438)
2nd	37	/ 17 (2.176)	35	/ 17 (2.059)
3rd	35	/ 19 (1.842)	34	/ 19 (1.789)
4th	30	/ 19 (1.579)	33	/ 21 (1.571)
5th (A)	29	/ 21 (1.381)	32	/ 22 (1.455)
5th (B)			31	/ 22 (1.409)
6th (A)	30	/ 24 (1.250)	30	/ 22 (1.364)
6th (B)			33	/ 25 (1.320)

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
 Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

## 2020 YZF-R6 RACING KIT PARTS

- Basic engine parts
- Optional engine parts
- Optional chassis parts
- Old model parts
- R6 Parts combination table

### Basic engine parts

Part number	Part name	Details	Price
5FL-R045Q-70	SPARK PLUG SET	Set of spark plugs R0045Q-10 of NGK.(Semi-surface discharge) The set contains 4 plugs.	CHF 442.-
13S-R373A-70	SPARK PLUG SET	Set of spark plugs R0373A-10 of NGK.(Angled ground strap type) The set contains 4 plugs.	CHF 376.-
2C0-11181-76	GASKET CYLINDER HEAD, t=0.45mm	This gasket is made to adjust the squish height. t=0.45 mm (Standard: t=0.60 mm)	CHF 180.-
2C0-12171-73	CAMSHAFT 1 (intake), modified duration, standard lift	Working angle , lift and Cam-profile have been changed to improve output. 【IMPORTANT】 Check the R6 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use.	CHF 1`549.-
2C0-12181-71	CAMSHAFT 2 (exhaust), modified duration, standard lift		CHF 1`549.-
2C0-A2110-70	VALVE SPRING SET	Use this set together with 2C0-12171-73/2C0-12181-71 CAMSHAFT. 【IMPORTANT】 Check the R6 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use.	CHF 2`304.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
 Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha



# Yamaha 2020 Racing Kit Parts



BN6-1440B-70	AIR FUNNEL SET	This part is a set consists of a primary funnel and variable secondary funnel. The shape of primary funnel is same as MGC-A300908-10, shape of secondary funnel is same as MGC-A300912-00. Manufacturing method is different from the above two products. <b>【IMPORTANT】</b> Check the R6 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use.	CHF 3`443.-
13S-A4890-70	AIS PLUG SET	These plugs need to be used when the AIS (Air Induction System) is removed.	CHF 146.-
2C0-A6330-70	CLUTCH SPRING SET	This parts is higher spring rate than standard springs.	CHF 78.-
2C0-F1400-71	ACM SET	This is a small inner rotor type generator. ACM cover is included.	CHF 5`726.-
2C0-15411-71	COVER, with improved ground clearance (included in ACM SET)	This part is for repair (included in ACM set)	CHF 620.-
BN6-F2590-70	WIRE HARNESS SET	This wire harness is designed for racing use, which is lighter weight than STD one. <b>【IMPORTANT】</b> Check the R6 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use.	CHF 1`737.-
BN6-8591A-71	ECU SET for SS (Following WSS rule)	By using this ECU with kit wire harness, it is possible to adjust the amount of fuel injection, ignition timing and etc. This ECU is for SS (SuperSport). TCS / LIF function can not be used. CD-ROM, software manual and kit manual are included in this set. From 2019 kit , The manual is only for English and Japanese. <b>【CHANGE FROM 2018】</b> Improved SPEED SHIFT. <b>【IMPORTANT】</b> For SS:Check the R6 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use.	CHF 1`619.-
BN6-8591A-A1	ECU SET for STK	By using this ECU with kit wire harness, it is possible to adjust the amount of fuel injection, ignition timing and etc. This ECU is for STK (SuperStock). TCS / LIF function can be used. CD-ROM, software manual and kit manual are included in this set. From 2019 kit , The manual is only for English and Japanese. <b>【CHANGE FROM 2018】</b> Improved SPEED SHIFT. <b>【IMPORTANT】</b> For STK:All the specs related to the engine need to be STANDARD spec.	CHF 1`619.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

# Yamaha 2020 Racing Kit Parts



BN6-8591A-B0	ECU SET for STK (TCS/LIF off)	<p>By using this ECU with kit wire harness, it is possible to adjust the amount of fuel injection, ignition timing and etc.            This ECU is for STK (SuperStock). TCS / LIF function can not be used.            CD-ROM, software manual and kit manual are included in this set.            From 2019 kit , The manual is only for English and Japanese.</p> <p><b>【CHANGE FROM 2018】</b>            Improved SPEED SHIFT.</p> <p><b>【IMPORTANT】</b>            For STK:All the specs related to the engine need to be STANDARD spec.</p>	CHF 2'320.10.-
2CR-8533A-70	CABLE INTERFACE	The cable for connecting ECU to PC which is USB type. The device driver of the cable interface is "Windows 8" correspond	CHF 500.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
 Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

## Optional engine parts

These parts are utilities for further improving engine performance.

Part number	Part name	Details	Price
2C0-MAINT-71	MAINTENANCE SET	This set includes the kit head-gasket (t =0.45mm), anti stick cover gaskets, oil-seal and other parts for engine maintenance. With this material you should be able to rebuild 3 engines.	CHF 1`077.-
2C0-15451-70	GASKET, C/C COVER 1 (for repair)	This part is for repair	CHF 10.-
2C0-15461-70	GASKET, C/C COVER 2 (for repair)	This part is for repair	CHF 18.-
2C0-15456-70	GASKET 1 (for repair)	This part is for repair	CHF 4.-
2C0-13414-70	GASKET, STRAINER (for repair)	This part is for repair	CHF 173.-
2C0-11181-71	GASKET, CYLINDER HEAD t=0.40mm	These parts are used to adjust the squish height.	CHF 180.-
2C0-11181-81	GASKET, CYLINDER HEAD t=0.50mm		CHF 180.-
2C0-11181-86	GASKET, CYLINDER HEAD t=0.55mm		CHF 180.-
13S-116A0-70	PISTON SET (STD)	This piston set is uniform weight of four production pistons.	CHF 1`158.-
13S-1165B-70	CONNECTING ROD SET (STD)	This connecting rod set is uniform weight of four production connecting rod.	CHF 590.-
2C0-11411-70	CRANK SHAFT (STD)	This crank shaft is optimum selected well balanced of the production crank shaft.	CHF 823.-
2C0-13300-70	OIL PUMP ASSY	This oil pump creates high oil pressure.	CHF 682.-
2C0-1351A-70	THROTTLE BODY CLAMP ASSY	This part is used for easy disassembly of the throttle body from the engine.	CHF 431.-
4B1-A6377-70	SLIPPER CLUTCH SETTING SET	This set includes the nut lock and shim (3pcs). To adjust setting for OEM Back torque limiter	CHF 112.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

# Yamaha 2020 Racing Kit Parts



4B1-16377-70	NUT LOCK (for repair)	This part is for repair	CHF 83.-	
4B1-16391-70	SHIM (for repair)	This part is for repair	CHF 11.-	
2C0-A6321-70	FRICITION PLATE SET	This plate is designed to improve clutch feeling and durability. 1 set has 9plates.	CHF 199.-	
2C0-17411-80-A0	AXLE MAIN A	Please refer Kit R6 Mission Ratio sheet for details You can order each gear individually.	CHF 1`584.-	
2C0-17411-90-B0	AXLE MAIN B		CHF 1`584.-	
2C0-17121-80-A0	GEAR 2ND PINION A		CHF 740.-	
2C0-17121-90-B0	GEAR 2ND PINION B		CHF 741.-	
2C0-17131-80-A0	GEAR 3RD PINION A		CHF 1`240.-	
2C0-17131-71-B0	GEAR 3RD PINION B		CHF 1`240.-	
2C0-17131-90-C0	GEAR 3RD PINION C		CHF 1`240.-	
2C0-17151-71-A0	GEAR 5TH PINION A		CHF 834.-	
2C0-17151-80-B0	GEAR 5TH PINION B		CHF 834.-	
2C0-17151-90-C0	GEAR 5TH PINION C		CHF 834.-	
2C0-17161-70-A0	GEAR 6TH PINION A		CHF 947.-	
2C0-17161-90-C0	GEAR 6TH PINION C		CHF 947.-	
2C0-17402-70	DRIVE AXLE ASSY		This drive axle is assembled bearings. (STD spec)	CHF 138.-
2C0-17211-80-A0	GEAR 1ST WHEEL A		Please refer Kit R6 Mission Ratio sheet for details You can order each gear individually.	CHF 896.-
2C0-17211-90-B0	GEAR 1ST WHEEL B	CHF 896.-		
2C0-17221-81-A0	GEAR 2ND WHEEL A	CHF 820.-		
2C0-17221-90-B0	GEAR 2ND WHEEL B	CHF 820.-		
2C0-17231-80-A0	GEAR 3RD WHEEL A	CHF 930.-		
2C0-17231-70-B0	GEAR 3RD WHEEL B	CHF 930.-		
2C0-17231-90-C0	GEAR 3RD WHEEL C	CHF 982.-		
2C0-17241-80-A0	GEAR 4TH WHEEL A	CHF 861.-		
2C0-17241-70-B0	GEAR 4TH WHEEL B	CHF 861.-		
2C0-17241-90-C0	GEAR 4TH WHEEL C	CHF 930.-		

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

# Yamaha 2020 Racing Kit Parts



2C0-17251-71-A0	GEAR 5TH WHEEL A		CHF 999.-
2C0-17251-80-B0	GEAR 5TH WHEEL B		CHF 999.-
2C0-17251-90-C0	GEAR 5TH WHEEL C		CHF 999.-
2C0-17261-71-A0	GEAR 6TH WHEEL A		CHF 1`023.-
2C0-17261-80-B0	GEAR 6TH WHEEL B		CHF 1`023.-
2C0-17261-90-C0	GEAR 6TH WHEEL C		CHF 1`023.-
2C0-A7000-70	MISSION MAINTENANCE SET	This set includes 5sets of circlip and 3sets of collar, washer and bearings.	CHF 190.-
2C0-17460-74	SPROCKET DRIVE, 14T fits 520 chain	This is a lightweight drive sprocket. There are 3 types of sprockets (14, 15 and 16T) for size 520 drive chain.	CHF 87.-
2C0-17460-75	SPROCKET DRIVE, 15T fits 520 chain		CHF 87.-
2C0-17460-76	SPROCKET DRIVE, 16T fits 520 chain		CHF 87.-
2C0-A7463-70	SPROCKET NUT SET, to be used with kit SPROCKET DRIVE	This part is for the drive sprocket of the kit with lock washer.	CHF 69.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
 Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

## Optional chassis parts

These chassis parts should be used to complete the machine for the racing purpose.

Part number	Part name	Details	Price
2C0-C1707-81	OIL CATCH TANK SET, aluminium	This is a catch tank made of aluminum. Possible to use for 2008 to 2020 model	CHF 396.-
BN6-23151-75	SPRING, Fr. FORK(9.5N/mm)	This spring is for standard type front fork setting parts.	TBC
BN6-23151-80	SPRING, Fr. FORK(10.0N/mm)		TBC
13S-24713-70	CUSHION SEAT	This cushion seat is nonslip type sponge with dimples.	CHF 121.-
2CR-26243-70	TUBE, GUIDE	This part is for making short stroke throttle. Use this together with standard type wire throttle and cap grip, etc.	CHF 276.-
BN6-22222-75	SPRING RR. SHOCK(108N/mm)	This spring is for standart type rear shock absorber setting parts. ※BN6-22222-70(103N/mm STD) has been discontinued.	CHF 517.-
BN6-22222-80	SPRING RR. SHOCK(113N/mm)		CHF 517.-
BN6-22222-85	SPRING RR. SHOCK(118N/mm)		CHF 517.-
BN6-25100-70	Fr SPARE WHEEL ASSY for BN6	This is standard type front wheel assembly which is assembled the bearings. The brake discs are not included. The rotor sensor are included.	CHF 1`136.-
BN6-25300-70	Rr SPARE WHEEL ASSY for BN6	This is standard type rear wheel assembly which is assembled the bearings. The brake discs and the rotor sensor are included.	CHF 1`205.-
4C8-25441-71	Rr. SPROCKET 41T	#520 41T	TBC
4C8-25442-71	Rr. SPROCKET 42T	#520 42T	TBC
4C8-25443-71	Rr. SPROCKET 43T	#520 43T	TBC
4C8-25444-71	Rr. SPROCKET 44T	#520 44T	TBC
4C8-25445-71	Rr. SPROCKET 45T	#520 45T	TBC
4C8-25446-71	Rr. SPROCKET 46T	#520 46T	TBC

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha



# Yamaha 2020 Racing Kit Parts



4C8-25447-71	Rr. SPROCKET 47T	#520 47T	TBC
4C8-25448-71	Rr. SPROCKET 48T	#520 48T	TBC
4C8-25449-71	Rr. SPROCKET 49T	#520 49T	TBC
4C8-25450-71	Rr. SPROCKET 50T	#520 50T	TBC
4C8-25451-71	Rr. SPROCKET 51T	#520 51T	TBC
4C8-25452-71	Rr. SPROCKET 52T	#520 52T	TBC
2KS-85800-72	CCU (Communication Control Unit) SET	A KIT that has a function of analogue channel (2 channels) added to the CCU of 2KS (YZF-R1M). This can be used to measure air-fuel ratio or suspension stroke amount, etc. (Sensors necessary for the measurement have to be purchased separately) An analog channel connector (2 PIN female) is added from "-71".	CHF 2'743.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

## Old model parts

Some parts for old models are also available.

Part number	Part name	Details	Price
13S-23151-70	SPRING, Fr. FORK (10.5N/mm)	This spring can be mounted to Fr. Fork(STD) of 2008 to 2015 YZF-R6.	CHF 221.-
13S-23151-75	SPRING, Fr. FORK (10.0N/mm)		CHF 221.-
13S-23151-80	SPRING, Fr. FORK (9.5N/mm)		CHF 221.-
13S-23151-85	SPRING, Fr. FORK (9.0N/mm) (Standard)		CHF 221.-
13S-22222-70	SPRING RR. SHOCK (103N/mm)	This spring can be mounted to Rr. SHOCK ABSORBER(STD) of 2008 to 2015 YZF-R6.  ※13S-22222-80 (93N/mm) has been discontinued.	CHF 460.20.-
13S-22222-75	SPRING RR. SHOCK (98N/mm)		CHF 460.20.-
<del>13S-22222-80</del>	<del>SPRING RR. SHOCK (93N/mm)</del>		
13S-22222-85	SPRING RR. SHOCK (118N/mm)		CHF 460.20.-
13S-22222-90	SPRING RR. SHOCK (113N/mm)		CHF 460.20.-
13S-22222-95	SPRING RR. SHOCK (108N/mm) (Standard)		CHF 460.20.-
13S-F2590-71	WIRE HARNESS SET		This is kit wire harness set for 2008~2016 YZF-R6
2C0-8591A-94	ECU SET	This is kit ECU set for 2008~2016 YZF-R6	CHF 1'177.-
2CX-23151-70	SPRING, Fr. FORK (9.0N/mm)(Standard)	This spring can be mounted to Fr. Fork(STD) of 2013 to 2016 YZF-R6.	CHF 454.60.-
2CX-23151-75	SPRING, Fr. FORK (9.5N/mm)		CHF 454.60.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
 Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

# Yamaha 2020 Racing Kit Parts



2CX-23151-80	SPRING, Fr. FORK (10.0N/mm)		CHF 454.60.-
2CX-23151-85	SPRING, Fr. FORK (10.5N/mm)		CHF 454.60.-
2CX-22222-7B	SPRING RR. SHOCK (93N/mm)	This spring can be mounted to Rr. SHOCK ABSORBER(STD) of 2013 to 2016 YZF-R6.	CHF 641.80.-
2CX-22222-7A	SPRING RR. SHOCK (98N/mm)		CHF 641.80.-
2CX-22222-70	SPRING RR. SHOCK (103N/mm) (Standard)		CHF 641.80.-
2CX-22222-75	SPRING RR. SHOCK (108N/mm)		CHF 641.80.-
2CX-22222-80	SPRING RR. SHOCK (113N/mm)		CHF 641.80.-
2CX-22222-85	SPRING RR. SHOCK (118N/mm)		CHF 641.80.-

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

## R6 Parts Combination Table

No other combination is allowed to use.

MODEL	SHAFT CAM 1 (INT )	SHAFT CAM 2 (EXT)	VALVE SPRING SET	AIR FUNNEL SET	ECU SET	WIRE HARNESS SET
2008	2C0-12171-71	2C0-12181-71	2C0-A2110-70	2C0-8591A-80	2C0-8591A-80 2C0-8591A-90 2C0-8591A-91	13S-F82590-70 13S-F82590-71
2009				MGC-A300908-00		
2010	2C0-12171-72					
2011	2C0-12171-73			MGC-A300908-10 (MGC-A300912-00)	2C0-8591A-92 2C0-8591A-93 2C0-8591A-94	
2012						
2013						
2014						
2015						
2016						

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
 Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

# Yamaha 2020 Racing Kit Parts



## FOR SS

MODEL	SHAFT CAM 1 (INT )	SHAFT CAM 2 (EXT)	VALVE SPRING SET	AIR FUNNEL SET	ECU SET	WIRE HARNESS SET
2017 2018 2019 2020	2C0-12171-73	2C0-12181-71	2C0-A2110-70	BN6-1440B-70 MGC-A300908-10 with MGC-A300912-00	BN6-8591A-70 BN6-8591A-71	BN6-F2590-70

## FOR STK

MODEL	SHAFT CAM 1 (INT )	SHAFT CAM 2 (EXT)	VALVE SPRING SET	AIR FUNNEL SET	ECU SET	WIRE HARNESS SET
2017 2018 2019 2020	-	-	-	-	BN6-8591A-A0 BN6-8591A-A1 BN6-8591A-B0	BN6-F2590-70

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha

## Kit R1 Mission Ratio

### Missio Ratio

GEAR	PLAN	RATIO	PINION GEAR			WHEEL GEAR		
			Part number	Teeth	Stamp	Part number	Teeth	Stamp
1st	A	2.313	2C0-17411-80-A	16	A	2C0-17211-80-A	37	A
	B	2.471	2C0-17411-90-B	17	B	2C0-17211-90-B	42	B
	C	2.583	2C0-17411-00	12		2C0-17211-00	31	
2nd	A	1.857	2C0-17121-80-A	21	A	2C0-17221-81-A	39	A
	B	1.950	2C0-17121-90-B	20	B	2C0-17221-90-B	39	B
	C	2.000	2C0-17121-00	16		2C0-17221-00	32	
3rd	A	1.565	2C0-17131-80-A	23	A	2C0-17231-80-A	36	A
	B	1.611	2C0-17131-71-B	18	B	2C0-17231-70-B	29	B
	C	1.667	2C0-17131-90-C	18	C	2C0-17231-90-C	30	C
4th	A	1.389	2C0-17131-80-A	18	A	2C0-17241-80-A	25	A
	B	1.444	2C0-17131-71-B	18	B	2C0-17241-70-B	26	B
	C	1.474	2C0-17131-90-C	19	C	2C0-17241-90-C	28	C
5th	A	1.269	2C0-17151-71-A	26	A	2C0-17251-71-A	33	A
	B	1.304	2C0-17151-80-B	23	B	2C0-17251-80-B	30	B
	C	1.350	2C0-17151-90-C	20	C	2C0-17251-90-C	27	C
6th	A	1.136	2C0-17161-70-A	22	A	2C0-17261-71-A	25	A
	B	1.150	2C0-17161-00	20		2C0-17261-80-B	23	B
	C	1.182	2C0-17161-90-C	22	C	2C0-17261-90-C	26	C

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
 Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha



## Gear Ratio

	STD	A	B	C
1st	31 / 12 (2.583)	37 / 16 (2.313)	42 / 17 (2.471)	31 / 12 (2.583)
2nd	32 / 16 (2.000)	39 / 21 (1.857)	39 / 20 (1.950)	32 / 16 (2.000)
3rd	30 / 18 (1.667)	36 / 23 (1.565)	29 / 18 (1.611)	30 / 18 (1.667)
4th	26 / 18 (1.444)	25 / 18 (1.389)	26 / 18 (1.444)	28 / 19 (1.474)
5th	27 / 21 (1.286)	33 / 26 (1.269)	30 / 23 (1.304)	27 / 20 (1.350)
6th	23 / 20 (1.150)	25 / 22 (1.136)	23 / 20 (1.150)	26 / 22 (1.182)

\*\*Die Listenpreise sind Preisempfehlungen des Herstellers/Importeurs. Die Preise sind für den Handel unverbindlich. Sie verstehen sich inkl. der gesetzlichen Mehrwertsteuer. Produktänderungen und Liefermöglichkeiten vorbehalten. Irrtümer und Preisänderungen vorbehalten. Vorhergehende Preislisten verlieren ihre Gültigkeit.

Les prix figurant sur la liste sont les prix recommandés par le fabricant / l'importateur. Les prix ne sont pas obligatoires pour le commerce. Ils s'entendent TVA comprise. Sous réserve de modifications des produits et des capacités de livraison. Sous réserve d'erreurs et de modifications des prix. Les anciennes listes des prix ne sont plus applicables.

\*Yamaha Original Zubehör bei Ihrem Yamaha Vertragspartner erhältlich  
 Accessoires d'origine Yamaha disponibles auprès de votre partenaire Yamaha