

## **SUPERSPORT: YZF-R1**



*GYTR Performance Products are especially developed for closed circuit use only and they are not street legal.*

YZF-R1: Basic Engine Kit		
Part Code	Part Name	Part Description
2CR-12170-70	SHAFT CAM 1	Working angle, lift and Cam-profile have been changed to improve output. [IMPORTANT] Check the R1 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use.
2CR-12180-70	SHAFT CAM 2	
BX4-8591A-70	ECU SET	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 [CHANGE FROM 2017] Blipper is added. [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.
14B-R465B-70	SPARK PLUG SET	Set of spark plugs R0465B-10 of NGK.(Semi-surface discharge) The set contains 4 plugs.
2CR-12176-70	SPROCKET, CAM	This part is a sprocket for 2CR-12170/12180-70 SHAFT CAM. *Each shaft cam needs dedicated sprocket.
2CR-1440B-70	AIR FUNNEL SET	"This part is a set consists of a primary funnel and variable secondary funnel. 【IMPORTANT】 Check the R1 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use."
2CR-A2110-71	VALVE SPRING SET	【IMPORTANT】 Check the R1 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use.
2CR-A4890-70	AIS PLUG SET	These plugs need to be used when the AIS (Air Induction System) is removed.
BX4-F2590-70d	WIRE HARNESS SET	This wire harness is designed for racing use, which is lighter weight than STD one. [CHANGE FROM 2017] ①Circuit, ②Connectors for TAIL LIGHT are added. [IMPORTANT] Check the R1 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use.
2CR-82386-70	WIRE, SUB-LEAD for TH INJECTOR	This part is for repair 2CR-F2590-70 / BX4-8591A-70 WIRE HARNESS SET.
2CR-82318-70	WIRE, SUB-LEAD for AC INJECTOR	This part is for repair 2CR-F2590-70 / BX4-8591A-70 WIRE HARNESS SET.
2CR-82309-70	WIRE, SUB-LEAD for IG.COIL	This part is for repair 2CR-F2590-70 / BX4-8591A-70 WIRE HARNESS SET.
2CR-8231Y-70	WIRE, LEAD for FUEL PUMP	This part is for repair 2CR-F2590-70 / BX4-8591A-70 WIRE HARNESS SET.
2CR-83553-70	WIRE, LEAD for METER	This part is for repair 2CR-F2590-70 / BX4-8591A-70 WIRE HARNESS SET.
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

YZF-R1: Optional Parts for Engine		
Part Code	Part Name	Part Description
2CR-MAINT-71	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".
2CR-13414-70	GSKT STRAINER (for repair)	This part is for repair
2CR-15451-70	GSKT COVER 1 (for repair)	This part is for repair
2CR-15461-70	GSKT COVER 2 (for repair)	This part is for repair
2CR-15456-70	GSKT 1 (for repair)	This part is for repair
2CR-15462-70	GSKT COVER 3 (for repair)	This part is for repair
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". <b>[IMPORTANT]</b> Check the R1 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use.
2CR-1165B-70	CONNECTING ROD SET (STD)	This connecting rod set is uniform weight of four production connecting rod. <b>[IMPORTANT]</b> Check the R1 PARTS COMBINATION TABLE for the combination. No other combination is allowed to use.
2CR-11400-71	CRANK SHAFT (STD)	This crank shaft is optimum selected well balanced of the production crank shaft. <b>[IMPORTANT]</b> 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 Akrapovič.

<b>YZF-R1: Optional Parts for Engine</b>		
<b>Part Code</b>	<b>Part Name</b>	<b>Part Description</b>
2CR-13410-71	STRAINER HSG.ASSY.	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.
2CR-13576-70	SPACER	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.
2CR-13418-70	PIPE,OIL 2	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.
2CR-13416-71	PIPE,OIL 1	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.
2CR-13161-70	PIPE,DELIVERY 1	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.
2CR-1310A-70	PAN,OIL	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.
2CR-13414-70	GASKET, STRAINER	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.
2CR-13317-70	BAFFLE, PLATE	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.
2CR-13428-70	BRKT.,STRAINER 1	This part is for repair 2CR-13400-70 STRAINER COVER ASSY.
2CR-17401-70	MAIN AXLE ASSY.	Please refer Kit R1 Mission Ratio sheet for details You can order each gear individually.
2CR-17121-70	GEAR 2ND PINION	
2CR-17131-70	GEAR 3RD PINION	
2CR-17151-70	GEAR 5TH PINION	
2CR-17161-70	GEAR 6TH PINION A	
2CR-17161-70	GEAR 6TH PINION B	

YZF-R1: Optional parts for chassis		
Part Code	Part Name	Part Description
2CR-23141-A0	SPRING, FR. FORK (8.5N/mm)	This spring is for standard type front fork setting parts. There is 4 different spring rate setting.
2CR-23141-70	SPRING, FR. FORK (9.0N/mm)	
2CR-23141-75	SPRING, FR. FORK (9.5N/mm)	
2CR-23141-80	SPRING, FR. FORK (10.0N/mm)	
2CR-23141-85	SPRING, FR. FORK (10.5N/mm)	
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.
2CR-22222-A0	SPRING REAR SHOCK (83N/mm)	This spring is for standard type rear shock absorber setting parts. There is 5 different spring rate setting.
2CR-22222-70	SPRING REAR SHOCK (93N/mm)	
2CR-22222-75	SPRING REAR SHOCK (98N/mm)	
2CR-22222-80	SPRING REAR SHOCK (103N/mm)	
2CR-22222-85	SPRING REAR SHOCK (108N/mm)	
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.
2CR-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.
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.
BX4-28130-80	REPAIR SET for 2018 YZF-R1	Meter, Sw.Handle, Rotor Sensor and Fr. Wheel Sensor Assy are included. (STD spec) FOR 2018 YZF-R1.
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.
2KS-28130-80	REPAIR SET for 2018 YZF-R1M	Meter, Sw.Handle, Rotor Sensor and Fr. Wheel Sensor Assy are included. (STD spec) FOR 2018 YZF-R1M.
2KS-82509-70	WIRE, SUB LEAD for 2KS	This part is for connecting Electric Racing Suspension (STD).
2KS-85800-71	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) Firmware is updated from "-70".
13S-24713-70	CUSHION SEAT	This cushion seat is nonslip type sponge with dimples.

YZF-R1: Older Model Year Parts		
Part Code	Part Name	Part Description
4C8-F2590-81	WIRE HARNESS SET, for 2008 YZF-R1	This is kit wire harness set for 2008 YZF-R1
4C8-8591A-80	ECU SET, for 2008 YZF-R1	This is kit ECU set for 2008 YZF-R1
14B-F2590-70	WIRE HARNESS SET for 2009-2011 YZF-R1	This is kit wire harness set for 2009~2011 YZF-R1
14B-8591A-72	ECU SET for 2009-2011 YZF-R1	This is kit ECU set for 2009~2011 YZF-R1
1KB-F2590-70	WIRE HARNESS SET for 2012-2014 YZF-R1	This is kit wire harness set for 2012~2014 YZF-R1
1KB-8591A-70	ECU SET for 2012-2013 YZF-R1	This is kit ECU set for 2012~2013 YZF-R1
1KB-8591A-71	ECU SET for 2014 YZF-R1	This is kit ECU set for 2014 YZF-R1
4C8-11181-70	GASKET CYLINDER HEAD, for 2007-2008 YZF-R1 (t=0.30mm)	This is kit head-gasket (t=0.30mm) for 2007~2008 YZF-R1
4C8-11181-80	GASKET CYLINDER HEAD, for 2007-2008 YZF-R1 (t=0.35mm)	This is kit head-gasket (t=0.35mm) for 2007~2008 YZF-R1
14B-11181-70	GASKET CYLINDER HEAD, for 2009-2014 YZF-R1 (t=0.30mm)	This is kit head-gasket (t=0.30mm) for 2009~2014 YZF-R1
14B-11181-80	GASKET CYLINDER HEAD, for 2009-2014 YZF-R1 (t=0.35mm)	This is kit head-gasket (t=0.35mm) for 2009~2014 YZF-R1
14B-11181-90	GASKET CYLINDER HEAD, for 2009-2014 YZF-R1 (t=0.45mm)	This is kit head-gasket (t=0.45mm) for 2009~2014 YZF-R1
5VY-11351-70	GASKET CYLINDER, for 2004-2008 YZF-R1 (t=0.10mm)	This is kit head-gasket (t=0.10mm) for 2004~2008 YZF-R1
5VY-11351-80	GASKET CYLINDER, for 2004-2008 YZF-R1 (t=0.15mm)	This is kit head-gasket (t=0.15mm) for 2004~2008 YZF-R1
14B-11351-70	GASKET CYLINDER, for 2009-2014 YZF-R1 (t=0.10mm)	This is kit head-gasket (t=0.10mm) for 2009~2014 YZF-R1
14B-11351-80	GASKET CYLINDER, for 2009-2014 YZF-R1 (t=0.15mm)	This is kit head-gasket (t=0.15mm) for 2009~2014 YZF-R1
2CR-F2590-70	WIRE HARNESS SET for 2015-2017 YZF-R1	This is kit wire harness set for 2015~2017 YZF-R1
2CR-8591A-72	ECU SET for 2015-2017 YZF-R1	This is kit ECU set for 2015~2017 YZF-R1