

Bianchi OLTRE RACE 105 12SP [YTB8D]

Bianchi OLTRE RACE 105 12SP [YTB8D] Road Bike User Manual

Model: OLTRE RACE 105 12SP [YTB8D]

INTRODUCTION

This manual provides essential information for the assembly, operation, maintenance, and troubleshooting of your new Bianchi OLTRE RACE 105 12SP [YTB8D] Road Bike. Please read this manual thoroughly before using your bicycle to ensure safe and optimal performance. Keep this manual for future reference.

Important Note: Images in this manual are for illustrative purposes only. Some components may vary slightly from the actual product. Specifications are subject to change without prior notice.

SAFETY INFORMATION

Always wear a helmet when riding. Ensure all quick releases and bolts are properly tightened before each ride. Regularly inspect your bicycle for any signs of wear or damage. Familiarize yourself with local traffic laws and regulations.

- Perform a pre-ride safety check before every use.
- Ensure brakes are functioning correctly.
- Check tire pressure before each ride.
- Be visible to motorists, especially at night.
- Do not ride under the influence of alcohol or drugs.

SETUP AND ASSEMBLY

Your Bianchi OLTRE RACE road bike may require some assembly upon arrival. It is recommended that assembly and initial setup be performed by a qualified bicycle mechanic to ensure proper function and safety.

Unpacking

Carefully remove the bicycle and all components from the packaging. Inspect for any shipping damage immediately.

Handlebar Installation

Attach the handlebar to the stem, ensuring the correct orientation. Tighten the stem faceplate bolts evenly to the manufacturer's specified torque settings. Refer to the component manufacturer's manual for precise torque values.

Wheel Installation

Install the front and rear wheels. Ensure the quick release skewers or thru-axles are properly secured and tightened. Check that the brake rotors are correctly aligned within the calipers.



Figure 1: Fully assembled Bianchi OLTRE RACE 105 12SP Road Bike. This image shows the complete bicycle from the side, highlighting its frame, wheels, and drivetrain components.

Seatpost and Saddle Adjustment

Insert the seatpost into the frame and adjust the saddle height for comfortable and efficient pedaling. Ensure the seatpost clamp is tightened to the specified torque. The saddle angle can also be adjusted for comfort.

OPERATING YOUR BICYCLE

Shifting Gears

Your Bianchi OLTRE RACE is equipped with a Shimano 105 12-speed drivetrain. Use the shifters on the handlebars to change gears. The right shifter typically controls the rear derailleur (larger gear changes), and the left shifter controls the front derailleur (smaller, more precise changes).

- **Rear Derailleur:** Shift to a larger cog for easier pedaling (uphill) and a smaller cog for harder pedaling (downhill/speed).
- **Front Derailleur:** Shift to the smaller chainring for easier pedaling and the larger chainring for harder pedaling.

Braking

The bicycle features Shimano 105 hydraulic disc brakes. The right brake lever typically controls the front brake, and the left brake lever controls the rear brake. Apply both brakes simultaneously for effective stopping power. Avoid sudden, hard braking, especially with the front brake, to prevent loss of control.

Riding Position

Maintain a comfortable and aerodynamic riding position. Adjust saddle height and handlebar position as needed to

optimize comfort and power transfer.

MAINTENANCE AND CARE

Regular maintenance is crucial for the longevity and safe operation of your Bianchi road bike. Perform routine checks and cleaning as described below.

Cleaning

Clean your bicycle regularly with mild soap and water. Avoid high-pressure washers, which can force water into bearings and seals. Dry thoroughly after washing.

Lubrication

Lubricate the chain regularly, especially after riding in wet conditions. Apply a suitable bicycle chain lubricant and wipe off excess. Periodically lubricate pivot points on derailleurs and brake levers.

Tire Pressure

Check tire pressure before each ride. Refer to the sidewall of your tires for the recommended pressure range. Proper tire pressure improves ride quality, efficiency, and reduces the risk of punctures.

Brake and Gear Adjustment

Periodically check brake pad wear and adjust cable tension if necessary (for mechanical brakes, though this model has hydraulic). Ensure gears shift smoothly and precisely. If you experience issues, consult a qualified mechanic.

Component Inspection

Regularly inspect all bolts and fasteners for tightness. Check the frame and fork for any cracks or damage. Inspect wheels for trueness and spoke tension.

TROUBLESHOOTING COMMON ISSUES

Issue	Possible Cause	Solution
Gears not shifting smoothly	Cable tension incorrect, dirty drivetrain, bent derailleur hanger	Adjust cable tension, clean and lubricate chain/derailleurs, inspect derailleur hanger
Brakes feel spongy or weak	Air in hydraulic lines, worn brake pads, contaminated rotors	Bleed hydraulic brakes, replace brake pads, clean rotors with disc brake cleaner
Tires frequently flat	Puncture, low tire pressure, damaged rim tape	Inspect tire for foreign objects, maintain proper tire pressure, replace rim tape
Creaking noises	Loose components (seatpost, stem, bottom bracket), dry bearings	Tighten all bolts to spec, lubricate moving parts, service bearings

For complex issues or if you are unsure about a repair, it is highly recommended to consult a professional bicycle mechanic.

SPECIFICATIONS

The following table outlines the key specifications for the Bianchi OLTRE RACE 105 12SP [YTB8D] Road Bike. Note that

specifications are subject to change by the manufacturer without notice.

BIKE TECH SPEC	
FRAME	OLTRE RACE AERO CARBON, COMPATIBLE WITH MECHANICAL/ELECTRONIC TRANSMISSIONS, COMPATIBLE WITH INTERNAL CABLE ROUTING, BB-PRESSFIT 86,5X41, INTEGRATED SEAT CLAMP, DISC BRAKE FLAT MOUNT, THRU AXLE 12X142
FORK	FULL CARBON AERO ROAD 1.4*1.5" INTEGRATED HEAD , DISC BRAKE FLAT MOUNT, THRU AXLE 12X100
COLOR	ZX - CK16/METALLIC CELESTE- FULL GLOSSY ZL - GREY/BLACK- FULL MATT
SIZE	44 / 47 / 50 / 53 / 55 / 57
PRICE	437,800円 [税抜 398,000円]
CODE	YT880
NOTE	画像は見本のため、一部パーツは異なります。 スペックは予告なく変更になる場合がございます。

Figure 2: Technical specifications overview for the Bianchi OLTRE RACE. This image details the frame material, fork type, color options, available sizes, and product code.

TECHNICAL FEATURES

FRAMESET	FRAME	OLTRE RACE AERO CARBON, COMPATIBLE WITH MECHANICAL/ELECTRONIC TRAN
	FORK	FULL CARBON AERO ROAD 1.4"X1.5" INTEGRATED HEAD , DISC BRAKE FLAT MOUN
	HEADSET	ACROS 6 FSA, FOR INTERNAL CABLE ROUTING
DRIVETRAIN	SHIFTERS	SHIMANO 105, ST-R7120, BR-R7170
	REAR DERAILLEUR	SHIMANO 105, RD-7100
	FRONT DERAILLEUR	SHIMANO 105, FD-R7100
	CRANKSET	SHIMANO 105, FC-R7100, 50X34T, CRANK LENGTH: 165MM-44CM, 170MM-47/53C
	BOTTOM BRACKET	SHIMANO, SM-BB72-41B, PRESS FIT FOR ROAD, BEARING, INNER COVER
	CHAIN	SHIMANO, CN-M6100
BRAKES	CASSETTE	SHIMANO 105, CS-R7101, 11-12-13-14-15-17-19-21-24-27-30-34T
	CALIPER	SHIMANO 105, BR-R7170
WHEELS	ROTOR	SHIMANO, SM-RT70, CENTER LOCK, 160MM FRONT/REAR
	WHEELS	VELOMANN V30R, ALLOY, 30MM PROFILE, HG11
COCKPIT	WHEELS	VITTORIA, RUBINO TUBE TYPE, 700X28C, GRAPHENE
	STEM	VELOMANN, ALLOY 6061, RAISE - 7" EXT: 80MM-44CM, 90MM-47/50CM, 100MM
	HANDLEBAR	VELOMANN RA83A AERO COMPACT, ALLOY 6061, DIAM. 31.8MM, REACH 74MM, L
SADDLE	GRIPS	BIANCHI CORK, BLACK
	SEATPOST	VELOMANN FULL CARBON AERO SHAPE, SPECIAL CLAMP TYPE WITH ALLOY HEA
	SADDLE	VELOMANN SETA S1, 278 X 144MM

Figure 3: Detailed technical features of the Bianchi OLTRE RACE, including components like shifters, derailleurs, crankset, brakes, wheels, and cockpit parts.

TECHNICAL FEATURES

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M
440	420	505	410	58	95	575	75"	70.5"	43	368	376	481	977
470	440	515	410	58	105	581	74.5"	70.5"	43	368	379	480	982
500	470	525	410	58	110	582	74.5"	71.5"	43	368	387	489	989
530	500	535	410	58	125	583	74"	72"	43	368	385	525	984
550	520	550	410	60	140	589	73.5"	72.5"	43	368	390	541	988
570	540	560	410	60	155	593	73.5"	73"	43	368	385	557	994
590	560	575	412	60	175	603	73"	73"	43	368	397	576	1006
610	580	595	414	68	185	607	72.5"	73"	43	368	398	595	1012

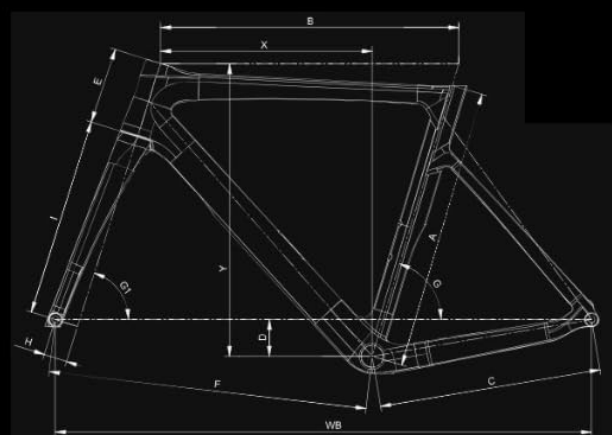


Figure 4: Geometry chart for the Bianchi OLTRE RACE, providing detailed measurements for various frame sizes to assist with fit and setup.

Component	Detail
Model Name	OLTRE RACE 105 12SP [YTB8D]
Frame	OLTRE RACE AERO CARBON, compatible with mechanical/electronic transmissions, internal cable routing, BB-Pressfit 86.5x41, integrated seat clamp, disc brake flat mount, thru axle 12x142
Fork	FULL CARBON AERO ROAD 1.4"-1.5" integrated head, disc brake flat mount, thru axle 12x100
Color	ZK - CK16 / METALLIC CELESTE FULL GLOSSY
Size	50 (other sizes 44, 47, 53, 55, 57 may be available)
Headset	ACROS & FSA, for internal cable routing
Shifters	Shimano 105, ST-R7120, BR-R7170
Rear Derailleur	Shimano 105, RD-R7100
Front Derailleur	Shimano 105, FD-R7100
Crankset	Shimano 105, FC-R7100, 50X34T, Crank Length: 165mm-44cm, 170mm-47/53cm
Bottom Bracket	Shimano, SM-BB72-41B, Press Fit for Road, Bearing, Inner Cover
Chain	Shimano, CN-M6100
Cassette	Shimano 105, CS-R7101, 11-12-13-14-15-17-19-21-24-27-30-34T
Brake Caliper	Shimano 105, BR-R7170
Brake Rotor	Shimano, SM-RT70, Center Lock, 160mm Front/Rear
Wheels	Velomann V30R, Alloy, 30mm Profile, HG11
Tires	Vittoria, Rubino Tube Type, 700x28C, Graphene
Stem	Velomann, Alloy 6061, Raise -7°, Ext: 80mm-44cm, 90mm-47/50cm, 100mm-53/55cm, 110mm-57cm
Handlebar	Velomann RA83A Aero Compact, Alloy 6061, Diam. 31.8mm, Reach 70mm, Drop 120mm
Grips	Bianchi Cork, Black
Seatpost	Velomann Full Carbon Aero Shape, Special Clamp Type with Alloy Head
Saddle	Velomann Seta S1, 278 x 144mm

WARRANTY AND SUPPORT

Bianchi bicycles typically come with a manufacturer's warranty covering defects in materials and workmanship. The specific terms and duration of the warranty may vary by region and component. Please retain your proof of purchase for warranty claims.

Warranty Claims

In the event of a warranty claim, please contact the authorized Bianchi dealer where you purchased the bicycle. They will guide you through the process and assist with any necessary repairs or replacements.

Customer Support

For technical assistance, spare parts, or general inquiries, please contact your local Bianchi dealer or visit the official Bianchi website for support resources. Always provide your bicycle's model and serial number when seeking support.

Note: Unauthorized modifications or improper maintenance may void your warranty.

