



Rad Racing Bicycles

RAD1986 Assembly Instructions

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Overview

Thank you for purchasing the RAD1986 bicycle from Rad Racing Bicycles. The model 1986 bicycle is custom designed by Cru Jones to support his rad BMX moves and winning style. Your new bicycle is built around a durable frame and wheel assemblies with low-friction bearings and high-friction brakes. We know it will provide you with years of service and professional-level riding.

Parts List

The box contains six pre-assembled components as follows:

Item No.	Part Number	Revision	Description	Quantity.
1	1986913		Frame and rear wheel with tire	1
2	1986914		Front fork with front brake	1
3	1986915		Handlebars and stem	1
4	1986917		Front wheel with tire	1
5	1986618		Seat and seat post	1
6	1986919		Pedal	2

The frame and rear wheel component comes pre-equipped with rear brakes and drive mechanism attached. The drive mechanism includes the sprockets, chain, and pedal cranks.

The Parts of a Bicycle

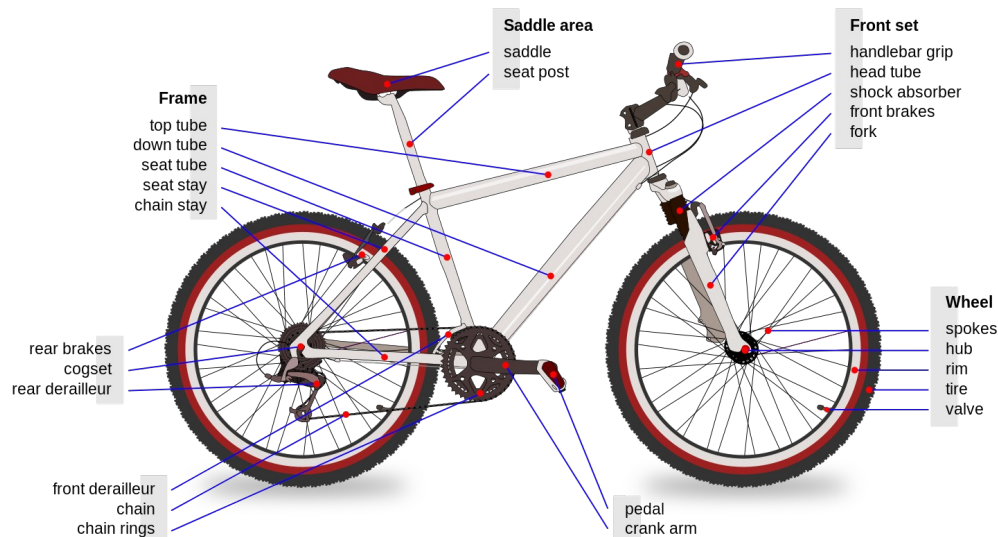


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Assembly Instructions

Proper assembly of the RAD1986 bicycle from the provided components guarantees safe and effective racing.

1. Stand the frame and rear wheel with tire (PN 1986913) upright to match the orientation shown in the diagram.
2. Insert the stem of the front fork with front brake (PN 1986914) into the bottom end of the head tube. Make sure that the front brake is forward of the head tube.
3. Insert the stem of the handlebar assembly (PN 1986915) into the top end of the head tube.
 - a) Use a hex wrench to tighten the expanding fastener of the handlebar assembly.
 - b) Attach the front brake cables of the handlebar assembly to the front brake mechanism of the front fork.
 - c) Attach the rear brake cables of the frame assembly to the front brake mechanism of the handlebars.
4. Insert the hub of the front wheel with tire (PN 1986917) into the hub holders of the front fork.
 - a) Make sure that the front wheel rim is between the jaws of the front brake.
 - b) Use a wrench to secure the hub nuts of front wheel hub to the hub holders of the front fork.
5. Insert the seat post of the seat (PN 1986618) into the top of the seat tube.
 - a) Make sure that the horn of the seat point towards the handlebars.
 - b) Adjust the height of the seat post to a level that is comfortable for you.
 - c) Use a hex wrench to tighten the fastener at the top of the seat tube.
6. Attach one pedal (PN 1986919) to the end of each crank.
 - a) Make sure that each pedal points away from the frame.
 - b) Use a wrench to secure the pedal bolt to the crank end.

Your bicycle is now assembled. Test the assembly before riding.

Assembly Testing

For your health and safety, you should test the quality of the assembly before riding the RAD1986 bicycle on the road or BMX course.

1. Stand astride the assembled bicycle.
2. Grip the handlebars and activate the front brake levers on the handlebars,
 - Check that the front brakes grip the front wheel properly.
 - If not, contact customer support and request adjustment instructions for the front brake.
3. Activate the rear brake levers on the handlebars,
 - Check that the rear brakes grip the rear wheel properly.
 - If not, contact customer support and request adjustment instructions for the rear brake.
4. Turn the handlebars to the left and right.
 - Check that the front wheel turns left and right correctly.
 - If not, contact customer support and request adjustment instructions for the handlebar assembly.
5. Use one hand to grip the seat and lift the rear wheel off the ground.
6. Use the opposite foot to work a pedal forward.
 - Check that the rear wheel rotates forward as expected.
 - If not, contact customer support and request adjustment instructions for the drive mechanism.
7. Return the rear wheel to the ground and dismount the bicycle.

Testing is complete and your bicycle should be ready to ride! Remember to wear a helmet and all activity-appropriate protective gear such as closed-toe shoes, gloves, elbow pads, and knee pads.