



BRENNER BICYCLES

www.brennerbicycles.com

OWNERS MANUAL

ASSEMBLY INSTRUCTIONS

Tools required:

- Spanner set with metric measurements from 7mm to 17mm
 - Philips head screwdriver
 - Flat head screwdriver
 - Allen key set
 - Air pump, hand or foot for tyre inflation.
- Torque wrench to ensure correct torque as specified in maintenance section of this manual.

1. Remove bicycle and all components from box and lay on a soft surface (old carpet or on top of cardboard box).
2. Attach front wheel into forks. Ensure brake is on front side of forks as shown below:





3. Insert handlebars and using allen key tighten head set and handle bars firmly. Observe minimum insertion lines on headset.



4. Attach front mud guard to front wheel as shown below, fit front reflector at the same time.





5. Firmly attach seat post to seat, ensure seat clamp completely grips post. Insert seat into frame, use the quick release bolt to tighten seat into frame.



6. Attach rear rack at the provided four points.
7. Fit reflectors and bell.
8. Install pedals. Tighten two small nuts on each pedal. **WARNING:** Your bicycle comes with a left and right side pedal. Only fit the correct pedal to the correct side (shown next page).





Left pedal ANTI CLOCKWISE.
Right pedal CLOCKWISE.



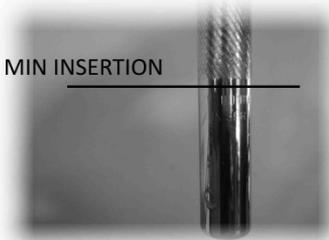
Crank bolt

9. Tighten crank bolts left and right. (Behind plastic cover)
10. Attach front basket.
11. Adjust brakes to ensure correct operation.
Front brake may need adjustment. If one side is rubbing on the wheel, tighten the small gold screw on this side and loosen on other side.
12. If required, adjust gears on rear derailleur to ensure smooth gear changes and correct readout on gear indicator. Use a screwdriver to adjust screws that limit travel of chain at top and bottom of rear sprocket. Use a spanner to adjust gear cable, minor adjustments may be necessary to ensure correct grip shift readout corresponds to correct gear.
13. Inflate tyres to rating recommended on tyre wall.
14. Have bicycle thoroughly checked by professional bicycle mechanic before riding.



PREPARATION FOR RIDING

1. Bicycle size: Any rider must fit their bicycle in order to properly control and comfortably ride their bicycle. While seated on the saddle the riders knee should be slightly bent when the crank is at it's lowest point (Closest to the ground).
2. Use the quick release binder to adjust seat height. Adjust handle bar height using allen key in top of head set.



Observe minimum insertion marks on head set and seat.

3. Inflate tyres to pressure recommended on tyre side wall.

BICYCLE USE

1. Bicycles should only be ridden on designated bikeways or in other safe locations.
2. Wear appropriate safety equipment, high visibility clothing is recommended.
3. Brakes are used by depressing levers towards handlebar grips. Gears are used by shifting the grip shifter up or down.
4. Wet weather affects riding performance. Ensure extra caution is taken when riding in the wet, particularly during braking as extra braking distance may be required.



MAINTENANCE

1. Keeping your bicycle clean will extend it's life and ensure all parts are working correctly.
2. Lubrication – This bicycle requires regular lubrication. Frequency of lubrication will depend on the amount of use. As a guide, external moving parts should be oiled monthly and internal moving parts greased annually.
 - Grease type lubrication: Bearings in head stem, wheels, bottom bracket and pedals (requires disassembly, refer to your bicycle retailer)
 - Oil type lubrication: Brake and derailleur pivot points and jockey wheels, chain and free wheel.
3. Brakes are adjusted by using an allen key to alter the point where the brake cable is fixed to the brake. Ensure brakes are firm and operating correctly before riding.
4. Small gold screws on either side of the brake are used for adjustment if one side is rubbing on the wheel. Screw in clockwise the side that is rubbing and the other side anti clockwise until neither side rubs on the wheel.
5. Brakes are quickly unclipped by squeezing the brake together by hand and removing the U shaped piping from the bracket.
6. The seat can be adjust by loosening the quick release bolt adjusting the seat and then re tightening.
7. Brake pads can be replaced when worn by using an allen key, ensure brake pad makes good contact with the flat braking edge of the rim.
8. Apply the following torque for the nominated parts of this bicycle and check regularly using a torque wrench:
 - Front Wheel Nuts – 22-27 Newton Metres (Nm)
 - Rear Wheel Nuts – 24-29 Nm
 - Seat Binder Nut – 12-17 Nm
 - Seat Pillar Clamp Nut – 4-19 Nm
 - Brake Anchor Nut – 7-11 Nm
 - Handle Bar Clamp Nut – 5-19 Nm
 - Head Stem Expander Bolt – 17-19 Nm



Crank Cotter Pin Nuts – 5-10 Nm

Brake Centre Bolt – 5-7 Nm

Pedals – 35-40 Nm

9. Handle bar grips and tube end plugs should immediately be replaced if they are damaged. This is particularly important where this bicycle is to be used by children.
10. If the forks are replaced on this bicycle they must have the same rake and tube inner diameter as those originally fitted.

WARRANTY INFORMATION

1. All Brenner Bicycles are covered by a 12 month warranty on all parts and frame.
2. Bicycle must be presented to Brenner Bicycles with original receipt for any warranty claim.
3. This warranty does not cover any damage due to an accident, neglect, abuse, normal wear and tear, misuse, lack of rider skill, improper operation, improper assembly, improper or lack of repair, improper or lack of maintenance, sun damage, alteration or modification.
4. Brenner Bicycles will not be liable for any form of defect, malfunction, failure, loss, damage, cost, injury or harm of any kind from use of this bicycle.

COASTAL LOCATIONS AND WEATHER EXPOSURE

1. Bikes can suffer from exposure to salt spray, rain or other excess moisture. To avoid surface rust keep all silver chrome parts covered in oily lubricant such as WD40.
2. If your bike begins to show signs of surface rust it can be gently rubbed away using a green scourer.



USEFUL VIDEOS

There are many online You Tube videos that can assist with bike assembly and brake and gear adjustment.

Useful search terms: - 'V Brake Adjustment'

- 'How to assemble a bicycle'
- 'Bicycle gear adjustment'