



Bit-Transition
BICYCLE COMPANY

FRAME MANUAL

MODEL: BANDIT 27.5
VERSION: V1
DATE: 2014

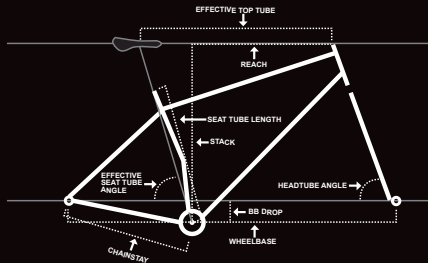
Congratulations on the purchase of your Transition frame. This manual will give you helpful information on how to develop a long and lasting relationship with your bike. Read every word of this manual because we may quiz you on it later.

Frame Specifications

| | |
|-----------------|--|
| REAR TRAVEL: | 140mm (5.5") |
| REAR SHOCK: | 190mm x 51mm (7.5" x 2") (22.2mm x 8mm eyelets) |
| FRAME MATERIAL: | 6061 Aluminium |
| SIZES: | Small, Medium, Large, XL |
| COLORS: | Metallic Red, Battleship Grey, Bermuda Blue |
| FRAME WEIGHT: | 6.94 lbs / 3.15 kg (Medium frame w/ shock & axle) |
| WARRANTY: | 2 year defect warranty Lifetime crash replacement |

Build Specifications

| | |
|-------------------|--|
| SEATPOST/CLAMP: | 31.6mm Seatpost/34.9mm Clamp |
| HEADTUBE: | 44mm/56mm Zero Stack |
| BOTTOM BRACKET: | 73mm English Threaded |
| REAR DROPOUT: | 142 x 12mm Shimano Standard 135 x 10mm (optional) |
| HANGER PART NO: | 12mm: 93.1245 10mm: 93.1036 |
| FRONT DERAILLEUR: | High Direct Mount |
| CHAINGUIDE: | ISCG 05 - 2.5mm Offset |
| REAR BRAKE: | 160mm IS |
| REAR AXLE: | Shimano AX-55 E-Thru Axle QR |



Geometry

| | SM | MD | LG | XL |
|---------------------------|-------|-------|-------|-------|
| Reach | 394 | 419 | 444 | 470 |
| Stack | 586 | 595 | 605 | 614 |
| Top Tube (Effective) | 548 | 576 | 604 | 634 |
| Seat Tube (Center to Top) | 406 | 445 | 470 | 508 |
| Head Tube Angle | 68° | 68° | 68° | 68° |
| Seat Tube Angle * | 75.2° | 74.9° | 74.6° | 74.4° |
| Chainstay Length | 430 | 430 | 430 | 430 |
| Bottom Bracket Height | 331 | 331 | 331 | 331 |
| Bottom Bracket Drop | 18 | 18 | 18 | 18 |
| Wheelbase | 1100 | 1129 | 1159 | 1188 |
| Head Tube Length | 100 | 110 | 120 | 130 |

Geometry based on 527.7mm axle to crown fork with 44mm offset and 2.9mm lower headset stack. Length Measurements are in Millimeters.

* Measured at these saddle heights: (620mm SM, 680mm MD, 740mm LG, 800mm XL)

Shock/Suspension Setup

Your frame comes equipped with a custom tuned rear shock designed to work in conjunction with the frame's leverage curve. Adjustments like rebound, compression and sag are all personal preference settings that should be adjusted to your personal riding style and preferences. Consult your shock manual for information about how to adjust your rear shock.

Cable Routing

Your Transition frame has cable routing for the following components.

1. Stealth Adjustable Seatpost
2. Front Derailleur Bottom Pull
3. Rear Derailleur*
4. Rear Brake

*Make sure to zip tie cable to hole in chainstay yoke near the crank to ensure cable does not come in contact with the chainring.

Maintenance

It is crucial to the longevity of your Transition frame that you properly maintain and inspect it. We recommend that all service be done by a qualified Transition Bikes dealer.

Before you begin any ride it is very important to inspect your entire frame for any cracks, loose pivots or bolts, and properly functioning bearings. In addition to inspecting your frame, checking your entire bike to make sure it is working properly must happen before every ride. This includes but is not limited to checking tire pressure, ensuring the wheels are secure to the frame and fork, all components and brake bolts are tight and pedals are secure. Also, a quick check of your brake pads and brakes to insure they are working properly and ready to ride. If you are unsure of what you need to check on your bike to make sure it is safe, please bring your bike to a bicycle shop to have them inspect and maintain it before you begin a ride.

Bearings

Take apart all the linkage and rocker arms to inspect the bearings to see if they are rotating smoothly. If they do not feel smooth or are seized up, you should replace the affected bearings. Always replace bearings in pairs.

Rocker Arm Pivot Bearings Qty: 4 - 6900

Bottom Bracket Pivot Bearings Qty: 2 - 6902

Dropout Seat Stay Pivot Qty: 2 - 6900

Torque Settings

Torque ratings for the hardware used on this product are listed below. Damage caused by over/under torquing will not be covered by the warranty on this product.

| | |
|---------------------------------------|-----------------------|
| • All Pivot Bolts | 150 in/lbs (16.9 N·m) |
| • Sleeved 2 piece Shock Mounting Bolt | 125 in/lbs (14 N·m) |
| • Main Rocker Arm Shock Mounting Bolt | 200 in/lbs (22.5 N·m) |
| • Dropout Bolt | 75 in/lbs (8.4 N·m) |

Warranty

Your Transition Frame is covered under a 2 year warranty period against any manufacturing defects or flaws. This does not cover normal wear and tear of the frame, misuse or crashing. This warranty only applies to the original owner of the frame 2 years from the date of purchase.

Transition Bikes also offers a lifetime crash replacement of the frame for the original owner. In the event your frame is broken due to a crash or rider negligence, Transition Bikes will offer a replacement frame at a discounted price.

Register Your Frame

To be eligible for your warranty or crash replacement you must register your frame with Transition Bikes and maintain a proof of purchase from the location you purchased the frame. Transition Bikes and your bike shop do not keep records of your serial number unless you register it with us on our site. Visit: www.transitionbikes.com/Register.cfm to register your frame.

Warning!!

Riding mountain bikes is an extremely dangerous activity. The rider of any Transition Bikes frame assumes all the risk when they ride their Transition Bike. Transition Bikes assumes no liability in the event of a crash or broken frame. It is up to the rider and bike shop to properly maintain and inspect the frame for any flaws or cracks before every ride. It is the riders responsibility to ride within their limits and not push the frame beyond it's intended use.

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