



# OWNER'S MANUAL YETI SB6



# TABLE OF CONTENTS

BRAND OVERVIEW	06
FRAME FEATURES	08
GEOMETRY	10
MAINTENANCE SCHEDULE	12
<i>SETUP</i>	
OVERVIEW	12
SHOCK SETUP	14
DERAILLEUR HANGER INSTALL	16
CABLE/LINE SETUP	18
<i>TECHNICAL</i>	
ASSEMBLY OVERVIEW	20
EXPLODED VIEWS	26
REBUILD KITS	38
<i>LEGAL</i>	
WARRANTY	30
CONTACT INFORMATION	31

# CONGRATULATIONS ON YOUR PURCHASE OF A NEW YETI.

We are confident your new bicycle will exceed your expectations for value, performance, and ride quality. Each frameset and component has been custom specified and designed to enhance your riding experience. Whether you are a beginner cyclist, or a seasoned pro, your Yeti bicycle will provide endless hours of two-wheeled fun.

This model specific manual is designed to be used in conjunction with the general Yeti Owner's Manual and the manuals supplied by the suspension manufacturers. If you did not receive the Yeti owner's manual or the manual provided by the suspension manufacturer download the materials off the Internet, or contact your local dealer.

Bicycling can be a hazardous activity even under the best of circumstances. Proper maintenance of your bicycle is your responsibility and when done properly helps reduce the risk of injury and damage to your bicycle.

**Warning:** Make sure you review and understand the warnings, instructions, and content of this manual and accompanying manuals for your bicycle.

**Warning:** Technological advances have made bicycles and bicycle components more complex and the pace of innovation is increasing. It is impossible for this manual or the accompanying manuals to provide all the information required to properly repair and/or maintain your bicycle. In order to help minimize the chances of an injury, it is critical for you to have work performed by an authorized Yeti retailer.

This manual outlines basic setup and maintenance recommendations of your new Yeti. Because it is impossible to anticipate every situation or condition that may occur during the assembly, setup, and maintenance of your bicycle, Yeti recommends that all service and repairs be performed by your local authorized Yeti Dealer.

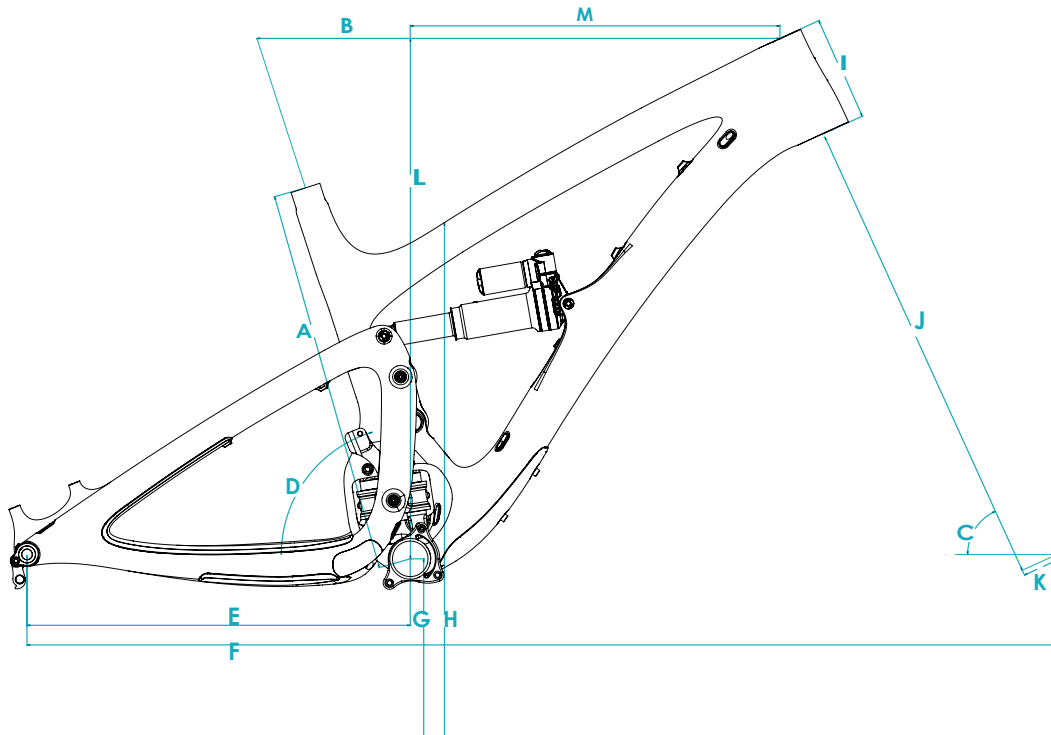
This manual contains many "Warnings" and "Cautions" concerning the consequences of failure to maintain or inspect your bicycle. The word "Warning" indicates a potentially hazardous situation in which, if not avoided, could result in serious injury or death. The word "Caution" indicates a potentially hazardous situation in which, if not avoided may result in minor injuries or damage to your bicycle or a component of your bicycle. Be sure to read and understand all of the Warnings and Cautions listed in the manual.

# THE LOWDOWN ON THE SB6 AND ITS FEATURES.

1. SWITCH INFINITY TECHNOLOGY PATENTED SUSPENSION SYSTEM
2. HIGH MODULUS CARBON FIBER MAIN FRAME AND SWING ARM
3. OVERSIZED PIVOT PINS WITH ENDURO MAX BEARINGS
4. INTEGRATED ISCG 05 MOUNTS
5. TAPERED INSET HEAD TUBE (44MM/56MM)
6. SUSPENSION BY FOX (8.5 X 2.5)
7. CUSTOM CHAIN-SLAP GUARDS
8. INTERNALLY ROUTED CABLES
9. DEDICATED BOOST 12 X 148 DROPOUTS

1. The SB6 delivers 6 inches (150 mm) of travel with our patented Switch Infinity Technology. Efficient pedaling performance while still smooth and continuous when the going gets rough.
2. High modulus carbon provides a stiff, strong and light weight chassis.
3. Oversized pivot pins help create a stiff interface between the front and rear triangles of the frame. Custom Enduro Max sealed bearings keep things moving freely at the pivots.
4. The ISCG 05' tab is built into your SB6. The built in system is lighter than a conventional tab and allows for a full myriad of chain-guide options.
5. Using our inset head tube on the SB6 allows for a larger head tube with more area, increased stiffness, and lower overall ride height without compromising any performance.
6. The SB6 uses a 2.5 inch stroke, 8.5 inch eye to eye DPX2 shock, by Fox Racing Shox.
7. Custom chain-slap guards on the seat stay and chain stay keep things quiet while riding and protect the frame.
8. The SB6 features internal cable routing for clean protected cables and a very clean looking bike.
9. Dedicated Boost 12 x 148 dropouts for strength, stiffness and ease of wheel installation.

# GEOMETRY



## FOX 36 / 170MM FORK

	XS	SM	MD	LG	XL
A SEAT TUBE LENGTH	381	419	445	483	521
B TOPTUBE LENGTH	554	580	605	630	656
C HEADTUBE ANGLE	64.9	64.9	64.9	64.9	64.9
D EFF. SEATTUBE ANGLE	73	73	73	73	73
E CHAIN STAY LENGTH	442	442	442	442	442
F WHEELBASE	1132	1160	1186	1214	1242
G ESTIMATED BB HEIGHT	349	349	349	349	349
H STANDOVER	761	763	765	765	765
I HEADTUBE LENGTH	94	110	121	138	160
J AXLE TO CROWN	559	559	559	559	559
K OFFSET	37.5	37.5	37.5	37.5	37.5
L STACK	579	594	604	623	640
M REACH	378	398	420	441	460
N FRONT CENTER	690	718	744	771	800

\*All measurements are in millimeters

## FIT

X-SMALL	4'11" (145CM) - 5'3" (160CM)
SMALL	5'3" (160 CM) - 5'7" (170 CM)
MEDIUM	5'7" (170 CM) - 5'11" (180 CM)
LARGE	5'11" (180 CM) - 6'3" (191 CM)
X-LARGE	6'3" (191 CM) - 6'6" (198 CM)

# KEEP YOUR YETI FRESH AND CLEAN

## OVERVIEW

Following these guidelines will help maintain the performance of your bicycle and prevent more serious problems from arising. It is important to remember that service intervals can vary depending on climate, trail conditions and riding frequency. If you are unsure about working on your own bicycle, contact your authorized Yeti Dealer or visit the repair help section at [www.parktool.com](http://www.parktool.com) for more information on general bicycle maintenance.

SCHEDULE	WEEKLY	MONTHLY	3 MONTHS	ANNUALLY
CLEAN AND LUBE CHAIN	■			
CHECK TIRE PRESSURE	■			
CLEAN BIKE OF MUD AND DEBRIS	■			
CHECK BRAKE FUNCTION	■			
CHECK SHOCK PRESSURE, IF APPLICABLE	■			
CHECK FOR LOOSE BOLTS AND TIGHTEN, IF NECESSARY	■			
CHECK HEADSET AND TIGHTEN / LOOSEN, IF NECESSARY		■		
THOROUGHLY CLEAN PIVOT POINTS WITH A RAG (DO NOT LUBRICATE)		■		
LUBE INFINITY LINK EVERY 40 HRS. (YETI HEAVY MOLYBDENUM GREASE)		■		
REPLACE BRAKE PADS, IF NECESSARY			■	
CHECK TIRES FOR WEAR			■	
CHECK SPOKE TENSION AND RETENTION, IF NECESSARY			■	
CHECK CHAIN FOR WEAR AND REPLACE IF NECESSARY			■	
COMPLETE TUNE-UP PERFORMED BY AN AUTHORIZED YETI DEALER				■

## TORQUE

Yeti strongly recommends using a torque wrench when assembling your frame. Torque specifications for individual parts on the SB6 are listed below, as well as in the step by step assembly instructions later in the manual. For general bicycle maintenance please consult the torque specifications of the manufacture's component you are adjusting.

### KEY TORQUE SPECS

PART NUMBER	DESCRIPTION	TORQUE (NM)
300030151	BOLT TI MALE M6X1X12MM	7
300030057	INFINITY LINK BOLTS	12
300040454	COLLET BOLT M8	8
300040480	UPPER LINK COLLET AXLE	3
300040478	LOWER LINK AXLE	13
300040479	MAIN PIVOT COLLET AXLE	11

# DERAILLEUR HANGER INSTALL

## YETI TIPS

NOTE: The hanger cap is REVERSE THREADED. Be careful not to strip out the Hanger tool faces. The cap is marked with a tighten direction arrow.

Inspect the frame around the hanger seat for any suspicious damage any time you replace a hanger, but especially if you are replacing it due to damage.

## TOOLS NEEDED

- 6mm Allen key
- Grease



### 01. HANGER SEAT

Lightly grease the outside surface of the hanger where it interfaces with the frame. The hanger will fit into its space on the inside of the swingarm and presses easily into the frame.



### 02. HANGER CAP SEAT

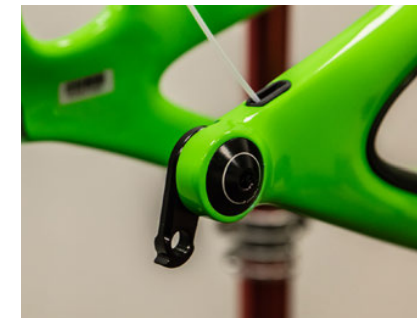
Lightly grease the thread on the hanger cap. The hanger cap REVERSE threads into the hanger from the outside of the swing arm. Hand thread the cap into the hanger.



### 03. TIGHTENING

Using a 6mm allen key, tighten the hanger cap into the hanger. REMEMBER, it is REVERSE THREADED. Follow the "Tighten" arrow on the cap.

*\*Torque to 80 in/lbs (9Nm)*

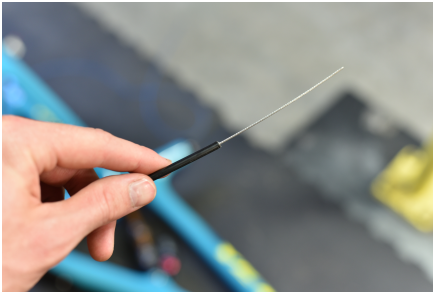


### 02. COMPLETED

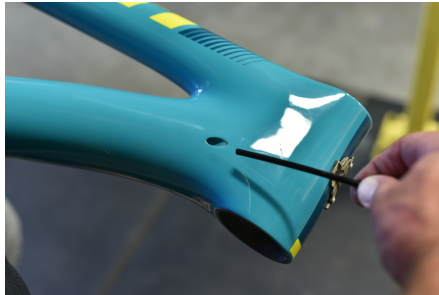
The installed hanger and cap should look like this, sitting flush against the frame on both the inside and outside of the swing arm. If the hanger or cap are not sitting flush against the frame, remove them and inspect the frame surfaces for debris as well as the threads for damage.

# SEATPOST CABLE ROUTING

## CABLE SETUPS



**01.**  
Install a shifter cable through the seatpost housing, keeping the free end still within the housing.



**02.**  
Push the housing into the frame starting at the head tube port until it reaches the bend at the seat tube (you will feel it start to get more difficult to push).



**03.**  
Leaving the housing stationary, push the cable through the housing until it exits the seat tube.



**04.**  
At the same time, pull the cable up the seat tube while pushing the housing into the head tube port until the housing is fully routed.

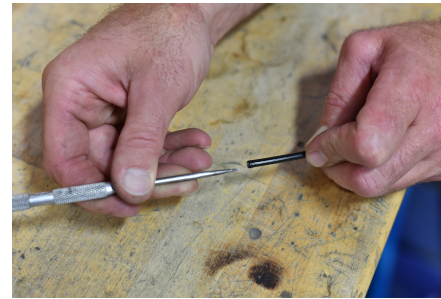
## PARK TOOL SETUP



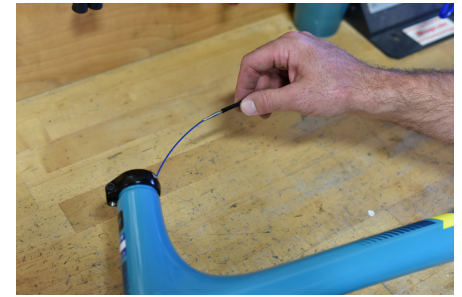
**01.**  
Remove the lower cable port access cover with a 3mm allen key.



**02.**  
Pull the Park Tool router through the frame with the clear tubing.



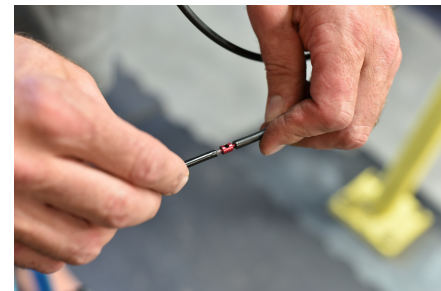
**03.**  
Use a pick to make sure that the inner sleeve of the housing is not crimped



**04.**  
At the seat tube, connect your seatpost housing to the router tool.



**05.**  
Pull router tool back through the frame until your housing exits the head tube.



**02.**  
Connect the double-barb to the shifter housing and seatpost housing at the seat tube

## 01. HYDRAULIC SETUPS

Route a section of shifter housing through the frame using the steps described in Cabled Setups



**03.**  
At the same time, pull the shifter housing out of the head tube port while pushing the seatpost housing into the seat tube until the double barb exits the head tube.

## BRAKE

Push the brake line into the frame starting at the rear triangle, feeding it forward to the ports into the front triangle and out the head tube.

## SHIFTER

Push the shifter housing into the lower head tube port on the non-drive side. Feed the housing back to the ports on the rear triangle and eventually out near the drive-side dropout.



# FRAME ASSEMBLY

## YETI TIPS

Make sure your tools are in good condition. A worn allen key can round the hex on a bolt not allowing for proper torque.

Torque settings are listed throughout the instructions. It is also important to prep all bolt threads. The instructions denote whether to use a Loctite compound or grease.

**Warning:** Service on Yeti bicycles requires special knowledge and tools. Yeti Cycles recommends that all service and repairs be performed by an authorized Yeti Dealer

## TOOLS NEEDED

- Dead blow hammer
- Two - 5mm allen keys
- Two - 6mm allen keys
- 10mm allen key
- Guide pin tool
- Lock ring pliers
- Grease
- Blue (248) Loctite
- Pink (222) Loctite
- Torque wrench



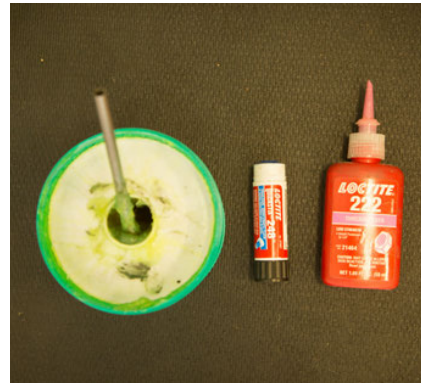
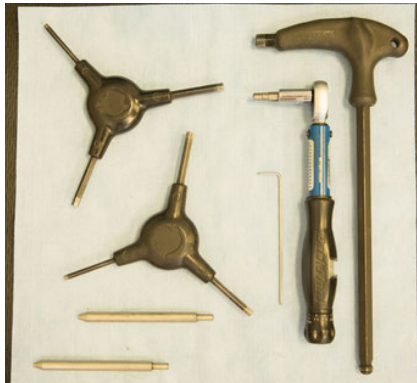
**01.**

All the parts you'll need to get your SB6 put together.



**02.**

Slip washers onto and apply blue (248) Loctite to the 4 bolts that secure the Switch Infinity Link to the frame. Insert them into their place and hang the black Infinity link fitting washers from them. Place them with the flat side toward the opening.



**03.**

Insert the Infinity Link from the non-drive side. The Infinity logo should be up and the Fox logos facing the non-drive side. Rock the link into place capturing the black fitting washers. Make sure that they have not slipped or rotated. The flat end of the fitting washers must be facing the opening in the frame.

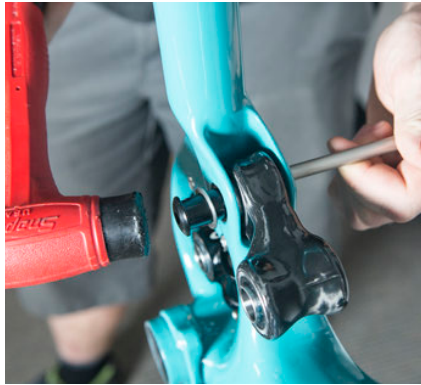


**04.**

While holding the link in place lightly tighten the bolts. You want them to be snug so that the link does not move and so that the fitting washers are fully captured, but don't try to torque them by hand! Finish the job with a torque wrench.

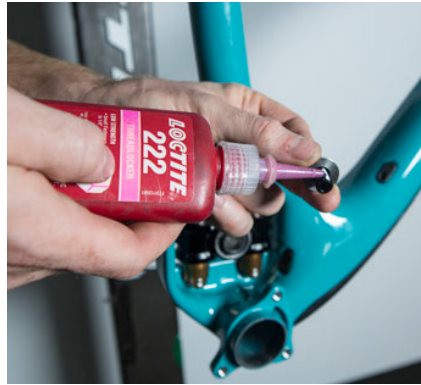
**Torque to 12 Nm**





05.

Insert the link and align the lower pivot. Place the steel washer over the pivot pin, apply a small amount of grease, and using a Fox Guide Pin to align the bearing spacer insert the pivot pin. Use a soft mallet to tap it through if needed.



06.

Place the steel washer on the lower link bolt and apply pink Loctite (222).



09.

Slide the main pivot pin through the swingarm and Infinity Link using a Fox Guide Pin to align the bearing spacer. Use a soft mallet to help if needed. Lightly thread the pivot pin into the swingarm using a 10mm allen wrench. Do not torque yet.



10.

Prepare and install the upper link pivot pin the same way you install the main pivot pin. Use the Fox Guide pin to align the bearing spacer as you slide it through the link. Again, do not torque yet!



07.

Using two 5mm allen wrenches tighten the lower link pivot pin. Use a properly calibrated torque wrench to finish the job.

**\*Torque to 13 Nm**



08.

Slide the swingarm into place over the Switch Infinity Link and align the main pivot. Apply a small amount of grease to the un-threaded part of the main pivot pin. Apply pink Loctite (222) to the threads.



11.

Using Fox Guide Pins, install the rear shock as shown. Insert the guide pins from the drive side.



12.

Lightly grease the shock mounting hardware, install the appropriate washer and place the female sleeve over the Fox Guide Pin.





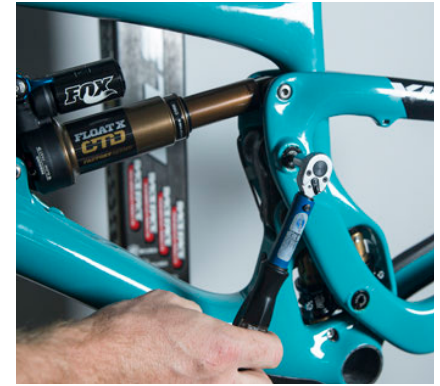
**13.**  
Using a soft mallet push the female shock mounting hardware through the frame and shock on the Fox Guide Pins.



**14.**  
Prep and install the male shock mounting hardware on both ends of the shock. Apply Blue Loctite (248) to the threads and install the washer. Thread the bolt in snug, but do not torque.



**17.**  
Prepare both your collet bolts with grease. You want to have grease on the threads and on the collet wedge.



**18.**  
Using a 5mm allen wrench, thread both collet bolts into the pivot axes. Finish tightening using a properly calibrated torque wrench.

*\*Torque to 8 Nm*

**FRAME ASSEMBLY IS COMPLETE.**



**15.**  
Time to get the torque wrench out. Using a 5mm allen on one side and your properly calibrated torque wrench on the other torque the shock mounting hardware on both ends of the shock.

*\*Torque to 7 Nm*



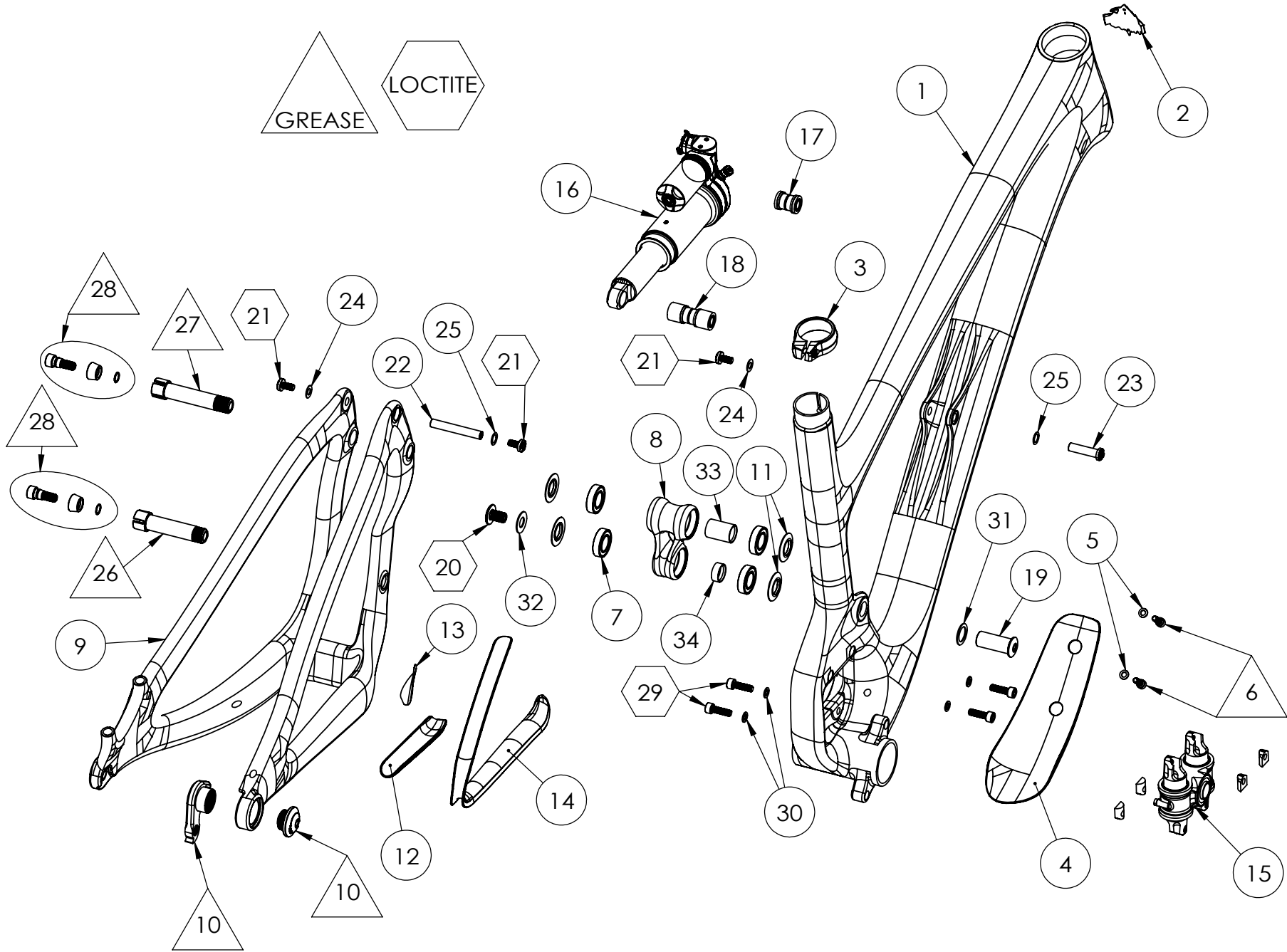
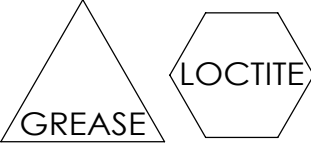
**16.**  
Using a 10mm allen wrench finish tightening the main pivot axle and the upper link axle. Torque the pivot axles using a properly calibrated torque wrench.

*\*Torque to 11 Nm*

# SHOCK SETUP

<https://www.yeticycles.com/bikes/sb6/?guide:support-shock-setup>

# EXPLODED VIEW



# EXPLODED VIEW PARTS LIST

ITEM#	PART #	DESCRIPTION	QTY
1	N/A	SB6 FRONT TRIANGLE	1
2	300070006	ICE AXE HEAD BADGE	1
3	300060072	YETI SEAT CLAMP	1
4	400100119	SB6C DOWN TUBE PROTECTOR	1
5	300030148	WASHER 5.1 X 8.9 X 1MM	2
6	300030010	BOLT-CAP H20 (M5 X 0.8 X 16MM)	2
7	300020052	BEARING, 6902-2RS-E, 28X15X7/10	4
8	300040498	SB6 ALLOY LINK	1
9	N/A	SB6C SWINGARM	1
10	300060073	12X148 HANGER	1
11	300020051	RACE EXTENDER, 6902-2RS	4
12	400100120	SB6C CS/SS PROTECTOR	1
13	400100121	SB6C CHAINSUCK GUARD	1
14	400100122	SB6C CS LOWER PROTECTOR	1
15	200020201	FOX LINEAR BEARING ASSEMBLY	1
16	N/A	FOX FLOAT X2 8.5 X 2.5	1
17	214-09-006	FOX MOUNT KIT 21.84MM (22MM)	1
18	214-09-035	FOX MOUNT KIT 44.856MM (45MM)	1
19	300040478	AXLE 15MM X 36.0, M10 X 1.5 THREAD	1
20	300030280	CAP AXLE 15MM, M10 X 1.5 THREAD	1
21	300030151	BOLT TI MALE M6 X 12.0MM	3
22	300030288	BOLT TI STUD 8.0 X 54.0MM	1
23	300030262	BOLT TI FEMALE 8.0 X 31.0MM GEN2	1
24	300030062	WASHER 6.5 X 12.5 X 0.5 MM	2
25	300030069	WASHER 8.8 X 12.5 X 0.5 MM	2
26	300040479	COLLET AXLE 15 X 52.0S X 9.75T M15X1.5	1

ITEM#	PART #	DESCRIPTION	QTY
27	300040480	COLLET AXLE 15 X 55.5S X 14.0T M15X1.5	1
28	300040454	COLLET WEDGE ASSEMBLY GEN2	2
29	300030057	BOLT CAP M6 X 1 X 20MM	4
30	300030214	WASHER 10 X 6.2 X 1MM	4
31	300030276	WASHER 15.2 X 21.5 X 1MM	1
32	300030277	WASHER 10.4 X 21.5 X 1MM	1
33	300030248	SPACER 15MM X 25.75MM	1
34	300030278	SPACER 15MM X 6.75MM	1

# REBUILD KITS

PART #	DESCRIPTION	QTY
<b>200020232</b>	<b>SB6 MASTER REBUILD KIT</b>	
300020045	BEARING F6902 2RS 28X15X7 OUT	2
300030057	BOLT CAP M6X1X20	4
300030062	WASHER SS 6.5MM ID 12.5 OD .5M	2
300030069	WASHER SS 8.8MM ID 12.5MM OD .	2
300030151	BOLT-TI-MALE M6X12MM	3
300030154	STUD-TI-FEMALE 8X54.5MM	1
300030214	WASHER 10 X 6.2 X 1	4
300030248	SPACER 15X25.75MM	1
300030249	BOLT-TI-FEMALE 8.0OD M6X31.5M	1
300030276	WASHER 15.2X21.5X1	1
300030277	WASHER 10.4X21.5X1	1
300030278	SPACER 15X6.75MM	1
300020051	RACE EXTENDER, 6902-2RS	2
300030280	CAP AXLE M10X1.5X15 GEN2	1
300040454	COLLET-WEDGE ASSEMBLY GEN2	2
300020052	BEARING 6902-2RS-E, 28X15X7/10	4
300040478	AXLE 15MM X 36.0MM M10X1.5 GEN2	1
300040479	AXLE COLLET 15X52.0SX9.75T	1
300040480	AXLE COLLET 15X55.5SX14.0T	1
<b>200020232</b>	<b>SB6 BEARING KIT</b>	
300020045	BEARING F6902 2RS 28X15X7 OUT	2
300020052	BEARING 6902-2RS-E, 28X15X7/10	2

PART#	DESCRIPTION	QTY
<b>200020233</b>	<b>SB6 HARDWARE KIT</b>	
300030057	BOLT CAP M6X1X20	4
300030062	WASHER SS 6.5MM ID 12.5 OD .5M	2
300030069	WASHER SS 8.8MM ID 12.5MM OD .	2
300030151	BOLT-TI-MALE M6X12MM	3
300030154	STUD-TI-FEMALE 8X54.5MM	1
300030214	WASHER 10 X 6.2 X 1	4
300030249	BOLT-TI-FEMALE 8.0OD M6X31.5M	1
300030276	WASHER 15.2X21.5X1	1
300030277	WASHER 10.4X21.5X1	1
300030278	SPACER 15X6.75MM	1
300030280	CAP AXLE M10X1.5X15 GEN2	1
300040454	COLLET-WEDGE ASSEMBLY GEN2	2
300040480	AXLE COLLET 15X55.5X10.0T	1
300040478	AXLE 15MM X 36.0 M10X1.5 GEN2	1
300040479	AXLE COLLET 15X52.0SX9.75T	1
300020051	RACE EXTENDER, 6902-2RS	2
<b>200020234</b>	<b>FOX LINEAR BEARING 74.0MM SB6</b>	
200020201	FOX LINEAR BEARING 74.0MM ASSE	1
300030057	BOLT CAP M6X1X20	4
300030214	WASHER 10 X 6.2 X 1	4
<b>400100126</b>	<b>SB6 PROTECTOR KIT</b>	
400100119	PROTECTOR SB6-C DT	1
400100120	PROTECTOR SB6-C CS/SS	1
400100121	PROTECTOR SB6-C CHAIN SUCK	1
400100122	PROTECTOR SB6-C CS LOWER	1

# LIFETIME WARRANTY

## HERE'S EVERYTHING YOU NEED TO KNOW ABOUT OUR LIFETIME WARRANTY:

All 2019 (or newer) frames, including the Switch Infinity, are covered for life against damage due to manufacturing defects for the original purchaser. Paint and finish are covered for 1-year. We will repair or replace, at our discretion, any frame we deem defective. There are a few conditions: you must register it online at [YetiCycles.com](http://YetiCycles.com) and you must take it to an authorized Yeti Cycles dealer for processing. Warranty does not cover damage due to ordinary wear and tear, neglect or intentional destruction. From a slingshot or your truck.

If you happen to have a crash or non-warranty situation, we'll get you back on the trail with a reasonable replacement price. Same conditions as above.

Lifetime Warranty applies to all 2019 and newer frames (including the SB100). Model year 2018 and older frames will be covered under our previous warranty (5-year or 2-year based on time of purchase).

Simple as that. No fine print.

## DISCLAIMER

YETI Cycles is not responsible for any damages to you or others arising from riding, transporting or other use of your bicycle. In the event that your frame breaks or malfunctions, YETI Cycles shall have no liability or obligation beyond the repair or replacement of your frame pursuant to the terms outlined in the warranty.

*\*If you have a warranty concern, please contact your authorized Yeti dealer.*

## YETI CYCLES

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[www.yeticycles.com](http://www.yeticycles.com)

## BUSINESS HOURS

Monday-Friday  
8AM-11:30AM, 1:00PM-5:30PM  
(Mountain Time)