



INTENSE
CYCLES · USA

USER MANUAL | HARD EDDIE

WELCOME TO THE FAMILY

AT INTENSE. WE HAVE ONE GOAL - TO PROVIDE THE RIDE OF YOUR LIFE.

Our team of designers, engineers and product experts are focused on one thing every day: your experience on the bike. We build bikes that are as thrilling to look at as they are to ride, and we build them for the select few of you who understand the difference and refuse to settle for anything else.

From the early days of Intense, when founder Jeff Steber worked alone in his garage to today, where a crew of talented people work in a Temecula, CA factory, Intense has been a brand built on passion by forward thinkers who, even today, love nothing more than to throw a leg over a sweet bike and head out for a rip. We're so glad you've joined us.

Welcome to Intense, we hope it's the ride of your life.

HARD EDDIE

Nothing short of stunning. Hard Eddie is the XC and trail rider's dream with a 2lbs-7oz frame weight and sleek look. The dropouts are interchangeable from 12mm TA to QR axles or if you've got the legs, remove the front derailleur and go one-by for an even more uncluttered look. We've removed the rear cables and routed them inside the frame to compliment the look and feel intended by SEED Engineering, Intense's partner in design on the Hard Eddie project.

This Hard Eddie frame is designed with XC in mind providing a snappy climb and comfortable, hardtail descent.

REGISTRATION

WWW.INTENSECYCLES.COM/WARRANTY-CARD/



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FRAME FEATURES / SPEC

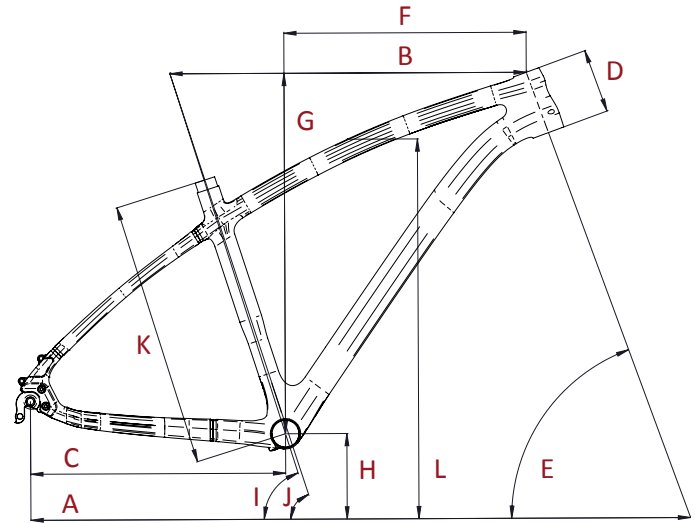
FRAME FEATURES //

- 29" WHEEL SIZE
- 2.4 TO 2.6 LBS FRAME WEIGHT
- TAPERED HEAD TUBE 1.125" / 1.5"
- INTERNAL CABLE ROUTING
- G1 REPLACEABLE DROPOUT SYSTEM, QR 135, QR 142MM X 12MM, SINGLE SPEED
- OPTIONAL MATCHING CARBON RIGID FORK
- FLACK GUARD CHAIN STAY & DOWN TUBE PROTECTION
- H2O BOTTLE MOUNT

COMPONENT SPEC //

- FORK – 1 1/8" / 1.5" TAPERED STEER, 100MM TRAVEL, 506MM LOWER LEG LENGTH, 46MM OFFSET
- FRONT DERAILLEUR – 34.9MM CLAMP ON, TOP PULL
- SEAT POST – 31.6MM
- HEADSET – ZERO STACK 44 UPPER / EXTERNAL CUP 49 LOWER
- BOTTOM BRACKET – PRESS FIT 30
- REAR AXLE – 135MM QR OR 142MM X 12MM TA
- BRAKE MOUNT – INTERNATIONAL STANDARD FOR 160MM ROTOR

GEOMETRY

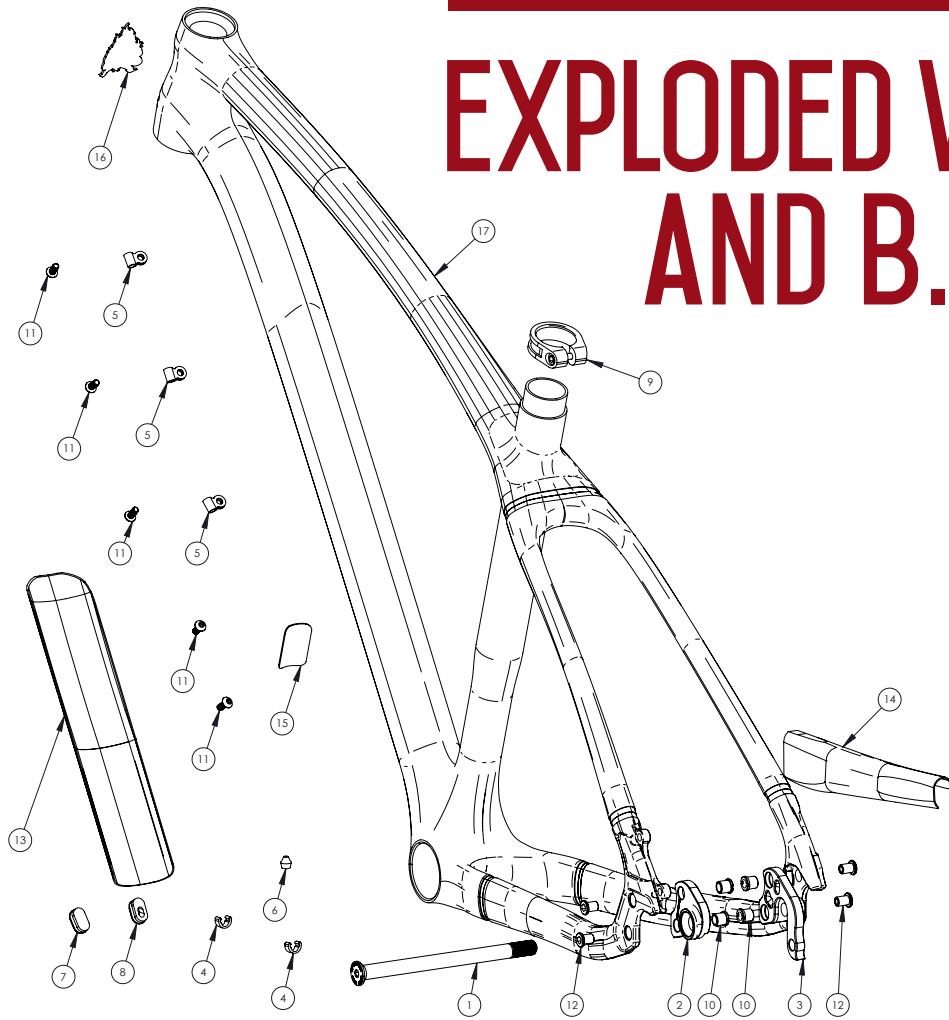


		SMALL	MEDIUM	LARGE
A	Wheel Base:	1092 mm/ 43"	1118 mm/ 44"	1143 mm/ 45"
B	Top Tube Length:	589 mm/ 23.2"	610 mm/ 24"	630 mm/ 24.8"
C	Chain Stay Length:	436 mm/ 17.2"	436 mm/ 17.2"	436 mm/ 17.2"
D	Head Tube Length:	94 mm/ 3.7"	107 mm/ 4.2"	117 mm/ 4.6"
E	Head Tube Angle:	70.5°	70.5°	70.5°
F	Reach:	398 mm/ 15.7"	415 mm/ 16.3"	431 mm/ 17.0"
G	Stack:	605 mm/ 23.8"	617 mm / 24.3"	627 mm/ 24.7"
H	BB Height:	310 mm/ 12.2"	310 mm/ 12.2"	310 mm/ 12.2"
I	Seat Tube Angle (Effective):	72.4°	72.4°	72.4°
J	Seat Tube Angle (Actual):	72°	72°	72°
K	Seat Tube Length:	406 mm/ 16"	457 mm/ 18"	508 mm/ 20"
L	Standover Height:	815 mm/ 32.1"	827 mm/ 32.6"	837 mm/ 33"

GEOMETRY NOTES

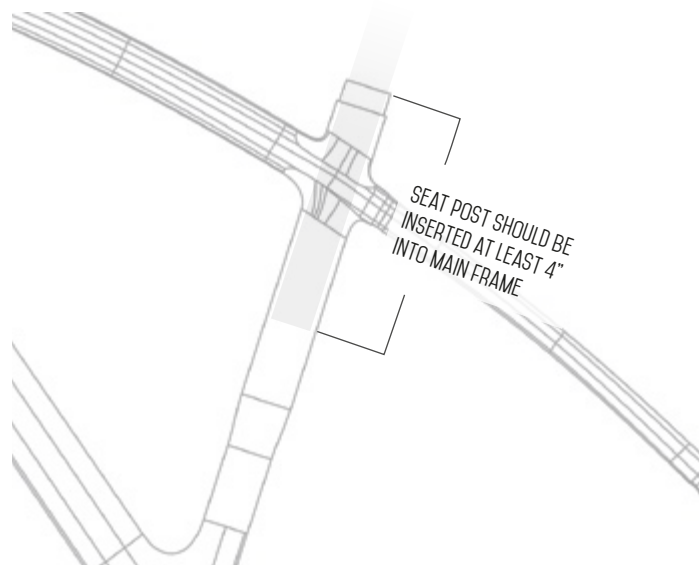
GEOMETRY TAKEN AT TOP OUT WITH 506MM
FORK LENGTH AND 46MM FORK OFFSET.

EXPLODED VIEW AND B.O.M.



ITEM NO.	ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE SPEC.
1	Rear Axle	130786	142 x 12mm Wheel Axle Kit	1	11 Nm / 100 in-lbs
2	Left Dropout	130787	Dropout Forged G1 Left, Syntace X-12, 142mm Blk	1	N/A
3	Right Dropout	130788	Dropout Forged G1 Right, Syntace X-12, 142mm Blk	1	N/A
4	Clip Plastic	310001	Snap-on Cable Guide Single	2	N/A
5	Guide Plastic	310004	Bolt-on Cable Guide Single	3	N/A
6	Cap Derailleur Hanger	310007	Cap Derailleur Hanger HE Rubber	1	N/A
7	Cap BB HE No Hole	310008	Cap BB HE No Hole YT-W13	1	N/A
8	Cap BB HE W/Hole	310009	Cap BB HE W/Hole YT-W13-1	1	N/A
9	Seat Collar	346938	Bolt-On 34,9 Blk	1	N/A
10	Nut	400012	Dropout Nut Steel 9.9 x 10.5L Blk UCP	4	N/A
11	BHCS M5 X 12	410010	Guide Bolt, Button Head, M5 X 12	5	6 Nm / 54 in-lbs
12	Bolt	410030	Dropout Bolt Steel M8-0.75 x 10L Black UCP	4	8 Nm / 70 in-lbs
13	Guard Flack DT	500183	Flack Guard Hard Eddie Down Tube	1	N/A
14	Guard Flack CS	500184	Flack Guard Hard Eddie Chain Stay	1	N/A
15	Decal California Bear	500300	Decal California Bear	1	N/A
16	Head Badge	500335	Head Badge Flame Logo	1	N/A
17	Frame		Carbon, 3 Sizes	1	N/A

SET UP



SEATPOST

MAKE SURE TO INSERT SEAT POST AT LEAST 4" INTO THE MAIN FRAME. ANYTHING LESS THAN THIS AMOUNT COULD CAUSE DAMAGE TO THE FRAME OR EVEN FAILURE.

ASSEMBLY

PREFACE //

Service and maintenance on an Intense bicycle requires special tools, abilities and knowledge of working on bicycles. It is always recommended to use an authorized Intense dealer for service and maintenance. Always wear eye protection. It is critical to use the proper tools, loctite, grease and torque specs during assembly. Failure to follow these instructions may result in serious bodily injury or death.

TOOLS NEEDED

- HIGH GRADE, WATERPROOF GREASE
(MAXIMA WATERPROOF GREASE
RECOMMENDED)
- BLUE LOCTITE #243
- 5MM HEX WRENCH X2

RECOMMENDATION

USE GREASE ON LOWER LINKAGE BOLTS
ONLY. USE LOCTITE ON UPPER LINKAGE
BOLTS, DROPOUT BOLTS AND HANGER BOLT.



TORQUE CHART



INSTALLING THE G1 DROPOUT //

A Locate the right and left G1 dropouts. The right dropout has the derailleur hanger built into it.

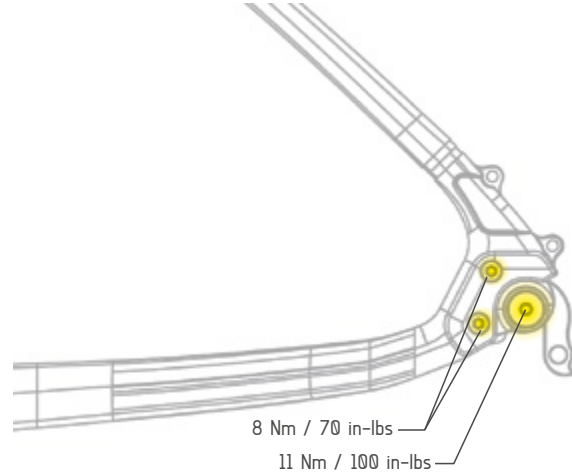
B Apply grease to the face of the dropout (IMAGE 1).

C Insert dropout nuts from the behind of the dropout mounting holes (IMAGE 2).

D Position dropout into the recessed area on the right side of the rear triangle. Insert the mounting bolt from the front and tighten into the nut (IMAGE 3).

E Using a chainring tool hold the dropout nut from behind while tightening the dropout bolt to 8NM (70 inch/lbs) using a 5mm hex (IMAGE 4).

F Repeat attachment steps for left side dropout.



TORQUE

ACHIEVING PROPER TORQUE IS VITAL TO ENSURING THE SAFE PERFORMANCE AND FUNCTION OF THE HARD EDDIE FRAME. FAILURE TO DO SO COULD RESULT IN SUB-OPTIMAL PERFORMANCE OF YOUR FRAME AS WELL AS PREMATURE WEAR AND TEAR OF INDIVIDUAL PARTS.

ADDITIONAL REFERENCE

IN ADDITION TO THIS CHART, ALL TORQUE VALUES ARE LASER ETCHED ONTO CORRESPONDING HARDWARE FOR YOUR REFERENCE.

MAINTENANCE

GENERAL SERVICE AND CARE //

You have purchased a high performance bicycle which requires a certain level of service and maintenance to sustain the level of performance your frame was designed around. Proper care will also ensure the bike is safe to ride at all levels. It is important to read and understand the carbon care information as well as follow the maintenance schedule and inspect your bicycle before each ride. These will not only help to limit or avoid costly repairs but will also help to avoid injury due to service neglect and component failure.

CARBON CARE

INTENSE CYCLES EMPLOYS ADVANCED COMPOSITE TECHNIQUES AND MATERIALS IN OUR FRAMES WHICH DO REQUIRE A CERTAIN LEVEL OF CARE AND MAINTENANCE TO ENSURE A SAFE EXPERIENCE AT THE HIGH LEVEL OF PERFORMANCE EACH FRAME IS DESIGNED AROUND. NOT FOLLOWING THESE GUIDELINES WILL DECREASE THE LEVEL OF PERFORMANCE AND POSSIBLY CAUSE INJURY OR DEATH.

- Use a soft cloth with warm soapy water to clean the carbon surfaces. Do not use abrasive cloths or cleaners.
- Be sure all frame surfaces in contact with cables are protected. Cable housing rubbing on carbon can wear over time.
- Be sure brake levers, handle bar ends and the fork crown do not contact the frame at full rotation.
- Never clamp any part of a carbon frame in a bike stand or car rack.
- Always inspect your frame if you experience any chain suck. Intense frames come equipped with steel chain suck plates but damage can still be done in the event of chain suck.
- Always inspect your frame in full after a crash to be sure there is no damage. Look for cracks, dents or loose fibers. If you discover damage in any degree it's best to have your frame inspected by a qualified Intense Cycles dealer. Any direct impact to the frame can cause serious structural damage.
- Use high grade waterproof grease on seat post, BB and head set bearing contact areas with the carbon.
- Never ream or face a carbon frame.
- Be sure to follow all recommended torque settings.



MAINTENANCE SCHEDULE *

	ACTION	EVERY RIDE	500 MILES OR 1 MONTH	2000 MILES OR 6 MONTHS	4000 MILES OR 1 YEAR
TIRES	Check air pressure, inspect tread and sidewalls for tears and punctures	X			
CHAIN	Brush off and lubricate	X			
BRAKES	Squeeze brakes and confirm function	X			
GENERAL	Clean complete bike of mud and debris		X		
HEADSET	Check adjustment		X		
SPOKES	Inspect for damage, check tension		X		
FORK	Check air pressure, inspect for leaks		X		
DERAILEUR CABLES	Inspect and lube			X	
SEATPOST	Clean and regrease interface with frame			X	
HEADSET	Disassemble stem, headset and fork. Check bearings for pitting and wear			X	
HUBS	Pull wheels off, check hub bearings for pitting and wear			X	
BOTTOM BRACKET	Remove crank arms and check BB bearings for pitting and wear			X	
BRAKES	Replace brake pads			X	
CHAIN	Inspect for damage and check for stretching			X	
GENERAL	Complete Tune-Up				X
FORK	Overhaul			See MFG Recommendations	

* THE ABOVE MAINTENANCE SCHEDULE IS ONLY A GUIDELINE. REFER TO COMPONENT MANUFACTURER FOR SPECIFIC INSTRUCTION ON MAINTAINING THEIR PARTS.

W W W . I N T E N S E C Y C L E S . C O M

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