



INTENSE
CYCLES · USA

USER MANUAL | 951EVO

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. This passion was built 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.

THE 951 EVO

Hand made in the USA from high grade 6061-T6 aluminum, the 951 EVO rocks a combination of short chain stays for flick-ability on the back end with a slack 62.5° head tube angle at the front end for stability. The patented VPP suspension technology is activated by 27.5" wheels with a full 8.5" of rear wheel travel that will plow thru the rock gardens while still allowing you to hammer in the flats.

REGISTRATION

WWW.INTENSECYCLES.COM/WARRANTY-CARD/



CONTACT CUSTOMER SERVICE

CS@INTENSECYCLES.COM

951-296-9596



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FRAME FEATURES / SPEC

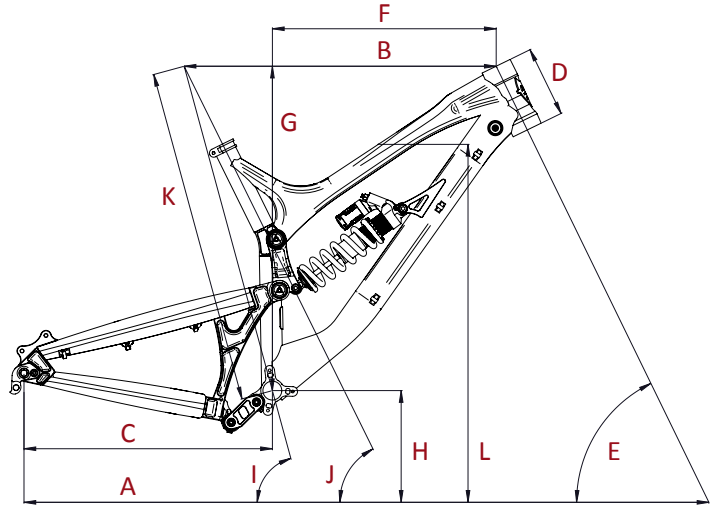
FRAME FEATURES //

- MADE IN USA
- FORMED 6061-T6 ALUMINUM FRAME
- 216MM/8.5" REAR WHEEL TRAVEL
- 27.5" WHEEL SIZE
- PATENTED VPP SUSPENSION TECHNOLOGY
- OVERSIZED HEAD TUBE
- ISCG 05 MOUNTS
- RELAXED DH GEOMETRY
- ANGULAR CONTACT BEARING/COLLET 15MM AXLE SYSTEM
WITH REPLACEABLE GREASE ZERKS

COMPONENT SPEC //

- FORK – 1.5" STRAIGHT STEER, 203MM TRAVEL,
586MM LOWER LEG LENGTH, 52MM OFFSET
- SHOCK – 241MM X 76MM (9.5" X 3"), 33MM X 8MM AND 30MM X 8MM REDUCERS
- SEAT POST – 31.6MM
- HEADSET – ZERO STACK 49 TOP AND BOTTOM FOR 1.5" STEER TUBE
- BOTTOM BRACKET – THREADED 83MM
- REAR AXLE – 150MM X 12MM TA
- BRAKE MOUNT – INTERNATIONAL STANDARD FOR 160MM ROTOR

GEOMETRY

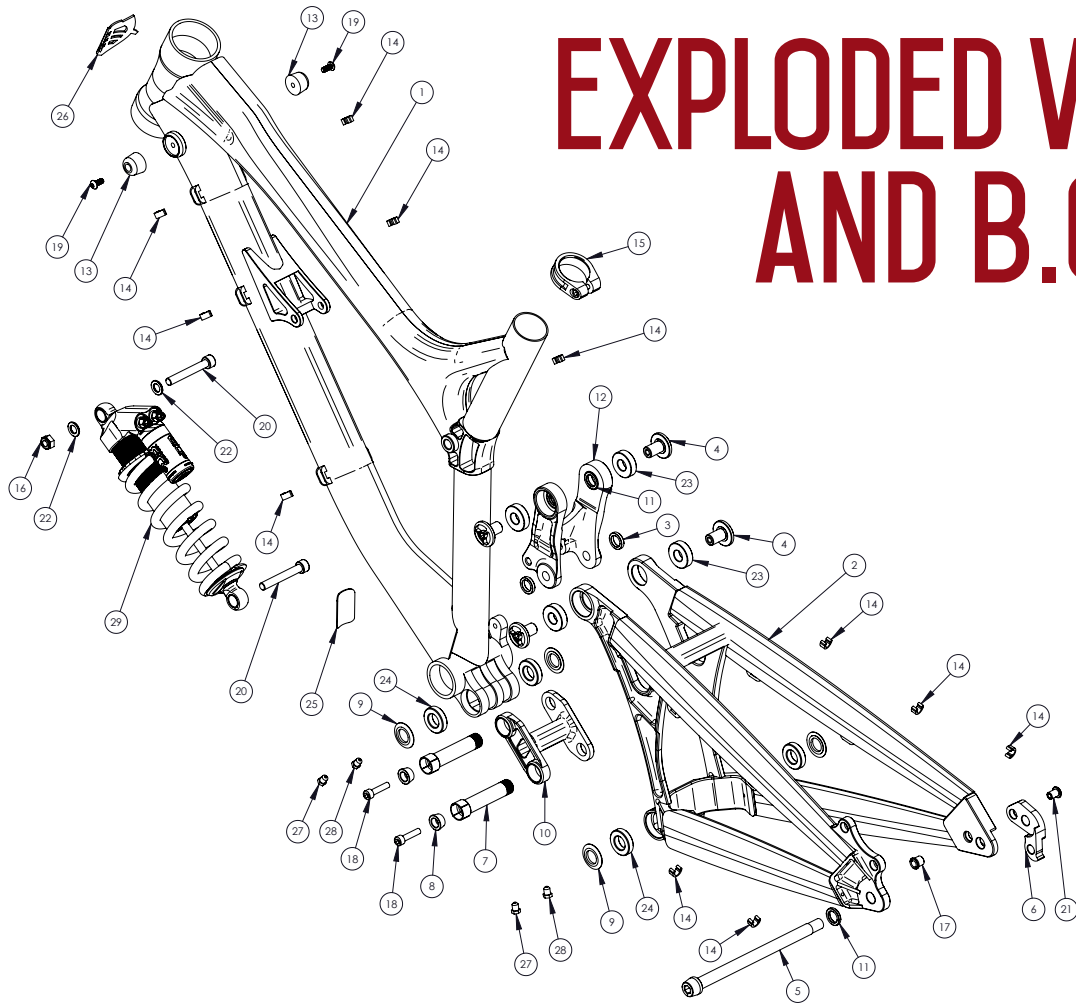


		SMALL	MEDIUM	LARGE
A	Wheel Base:	1194 mm/ 47"	1219 mm/ 48"	1245 mm/ 49"
B	Top Tube Length:	572 mm/ 22.5"	597 mm/ 23.5"	622 mm/ 24.5"
C	Chain Stay Length:	445 mm/ 17.5"	445 mm/ 17.5"	445 mm/ 17.5"
D	Head Tube Length:	114 mm/ 4.5"	114 mm/ 4.5"	127 mm/ 5"
E	Head Tube Angle:	62.5°	62.5°	62.5°
F	Reach:	406 mm/ 16"	432 mm/ 17"	434 mm/ 17.1"
G	Stack:	584 mm/ 23"	584 mm/ 23"	584 mm/ 23"
H	BB Height:	349 mm/ 13.75"	349 mm/ 13.75"	349 mm/ 13.75"
I	Seat Tube Angle (Effective):	74°	74°	74°
J	Seat Tube Angle (Actual):	63°	63°	63°
K	Seat Tube Length:	384 mm/ 15.1"	432 mm/ 17"	451 mm/ 17.75"
L	Standover Height:	762 mm/ 30"	787 mm/ 31"	813 mm/ 32"

GEOMETRY NOTES

GEOMETRY TAKEN AT TOP OUT WITH 586MM FORK LENGTH AND 52MM FORK OFFSET.

EXPLODED VIEW AND B.O.M.



ITEM NO.	ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE SPEC.
1	Front Triangle		ALUMINUM, 3 SIZES	1	N/A
2	Rear Triangle		ALUMINUM, 1 SIZE	1	N/A
3	Washer .140	130011	Top Link Pivot Lower Washer	2	N/A
4	Bolt Shoulder	130087	Top Link Pivot bolt	4	20 Nm / 175 in-lbs
5	Rear Axle	130104	7075 AL M12 x 1.25 X 150	1	11 Nm / 100 in-lbs
6	Hanger	130105	Derailleur Hanger Blk	1	N/A
7	Bolt Main Pivot	130106	Main Pivot 1.0t Expander Blk	2	7 Nm / 60 in-lbs
8	Cone Adjuster	130107	Main Pivot Expander Cone	2	N/A
9	Bearing Cap	130108	Main Pivot Bearing Cap	4	N/A
10	Box Link	130109	Forged Lower Link	1	N/A
11	Washer .120	130177	Top Link Pivot Upper Washer	3	N/A
12	Top Link	130184	Forged Upper Link	1	N/A
13	Bumper	140008	Fork Stanchion Bumper	2	N/A
14	Clip Plastic	310001	Clip for Single Guide Plastic	11	N/A
15	Seat Collar	346938	Bwolt-On 34.9 Blk	1	N/A
16	Nut 8mm	400005	Shock Bolt Nylac Nut	1	16 Nm / 140 in-lbs
17	Nut	400012	Dropout Nut Steel 9.9 x 10.5L Blk UCP	1	N/A
18	SHCS M6 x 22	410009	Cone Adjuster Bolt Socket Head M6 x 22	2	14 Nm / 125 in-lbs
19	BHCS M5 X 12	410010	Bumper Bolt Button Head M5 X 12	2	6 Nm / 54 in-lbs
20	SHCS M8 x 55	410013	Shock bolt, Socket Head M8 x 55	2	16 Nm / 140 in-lbs
21	Bolt	410030	Dropout Bolt Steel M8-0.75 x 10L Black UCP	1	8 Nm / 70 in-lbs

ITEM NO.	ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE SPEC.
22	Washer 8mm	420004	Shock bolt Washer	2	N/A
23	Bearing 6001	430002	12 x 28 x 8 2RS MAX Radial Bearing	4	N/A
24	Bearing 7902	430007	15 x 28 x 7 2RS MAX Angular Contact Bearing	4	N/A
25	Decal California Bear	500300	Decal California Bear	1	N/A
26	Head Badge FRO	500336	Head Badge FRO	1	N/A
27	Zerk Fitting M6 x 1.0	SEE TABLE BELOW	Zerk Fitting M6 x 1.0	2	5 Nm / 40 in-lbs
28	Zerk Fitting 1/4-28	SEE TABLE BELOW	Zerk Fitting 1/4-28	2	5 Nm / 40 in-lbs
29	Shock	SEE TABLE BELOW	Shock CCDB-C 951/EVO 240 x 76	1	N/A

FRONT/ REAR TRIANGLE SERIAL NUMBER	ITEM	PART NUMBER	DESCRIPTION	QTY
BI = 951 EVO USES US / IMPERIAL ZERK FITTING	Zerk Fitting 1/4-28	430068	Zerk Fitting 1/4-28	2
M-BI = 951 EVO USES METRIC ZERK FITTING	Zerk Fitting M6 x 1.0	401011	Zerk Fitting M6 x 1.0	2

ITEM	PART NUMBER	DESCRIPTION	FRAME SIZE USED ON
SHOCK	370323	Shock CCDB-C 951/EVO 240 x 76 x 400	Small
SHOCK	370324	Shock CCDB-C 951/EVO 240 x 76 x 450w	Medium
SHOCK	370325	Shock CCDB-C 951/EVO 240 x 76 x 500	Large

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.

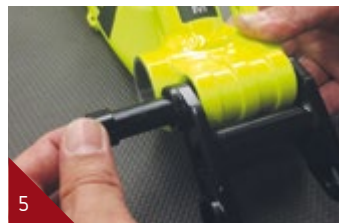
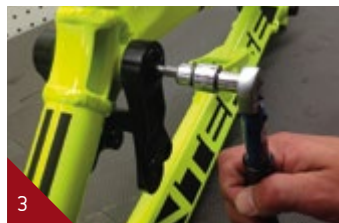
TOOLS NEEDED

- HIGH GRADE, WATERPROOF GREASE
(MAXIMA WATERPROOF GREASE RECOMMENDED)
- BLUE LOCTITE #243
- 5MM HEX WRENCH X2
- 8MM HEX WRENCH

RECOMMENDATION

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





CONNECTING TOP LINK TO FRONT TRIANGLE //

A Apply blue loctite #243 to female threads at upper linkage mounting point.

B Holding top link (PART #130184) with shock mount pointed forward; hold upper spacer (PART #130011) against inside of bearing race. Match upper linkage to pivot point on top tube, making sure that spacers do not fall out (IMAGE #1).

C Using shoulder bolt (PART #130087), insert through right and left sides of top link bearings, making sure spacers do not fall out (IMAGE #2). Tighten each shoulder bolt using 5mm allen wrench. Torque shoulder bolts to 175 in/lb (IMAGE #3).

CONNECTING BOX LINK TO FRONT TRIANGLE //

A Hold bearing cap (PART #130108), with rounded edge facing outward, up against the bearings (PART #43007) in the front triangle (IMAGE #4).

B Apply grease to the external threads of the main pivot expander bolt (PART #130106). While holding the bearing caps in place, match the box link (PART #130109) to front triangle pivot point and insert main pivot expander bolt (PART #130106) through non-drive side of the frame, (IMAGE #5). Use 8mm allen to thread main pivot expander bolt into box link.

CONNECTING REAR TRIANGLE TO BOX LINK //

A Follow previous steps to connect rear triangle to box link (IMAGE #6 & #7).



CONNECTING REAR TRIANGLE TO TOP LINK //

A Apply loctite #243 to female threads of top link (PART #130184).

B Insert shoulder bolts (PART #130087) through seat stay bearings. Hold lower top link washer (PART #130177) against inside race of seat stay bearing, on top of shoulder bolt threads (IMAGE #8 & #8a).

C Match shoulder bolts to the lower bearings on the top link and tighten to 175 in/lb, making sure that each washer is in place between bearing and linkage (IMAGE #9).

INSTALLING REAR SHOCK //

A Using rear shock with piggy back installed forward and up on the frame, match forward eyelet to forward shock mount and install M8x55mm bolt (PART #410013) with 8mm washer (PART #420004) on bolt head through drive side of frame (IMAGE #10).

B Match second 8mm washer (PART #420004) to threads on non-drive side of forward shock mount bolt (PART #410013), Thread 8mm nut (PART #400005) to a snug fit. Do not tighten (IMAGE #11).

C Match rear eyelet of shock to top link shock mount and thread bolt through the drive side of the top link. Tighten with 6mm allen to 140 in/lb.

D Holding forward shock bolt on drive side of shock mount with 6mm allen, tighten 8mm nut from non-drive side to 140 in/lb (IMAGE #12).



13



15



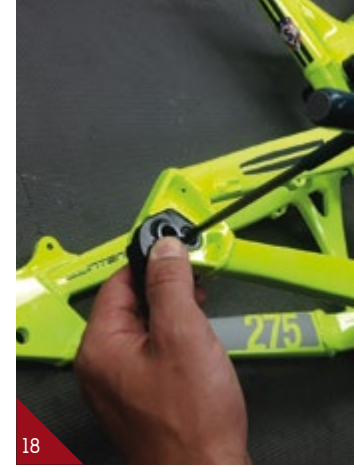
14



16



17



18

INSTALLING ADJUSTER CONES //

A Torque main pivot expander bolt to 60 in/lb (IMAGE #13).

B Grease and insert cone adjuster (PART #130107) into head of main pivot expander bolt (PART #103106) with M6x22mm bolt (PART #410009) inserted through cone adjuster (IMAGE #14 & #15).

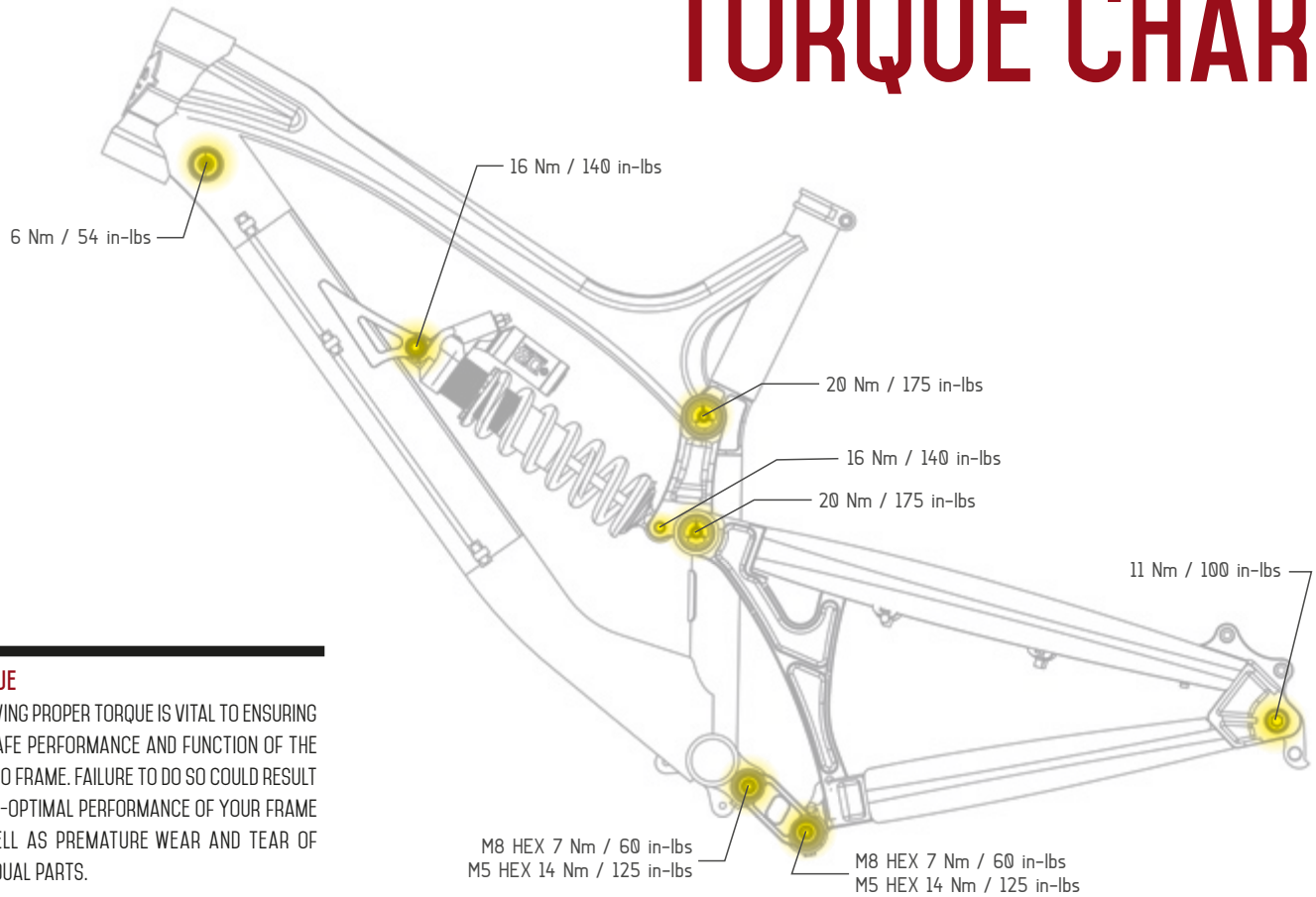
C Tighten M6x22mm bolt (PART #410009) with 5mm allen and torque to 125 in/lb (IMAGE #16).

INSTALLING DERAILLEUR HANGER //

A Grease outer edges of derailleur hanger (PART#130105) and add loctite #243 to threads of hanger nut (PART #400012).

B Install hanger nut through back side of hanger (IMAGE #17) and thread bolt (PART #410030) into nut using 5mm allen. Torque to 70 in/lb. (IMAGE #18).

TORQUE CHART



TORQUE

ACHIEVING PROPER TORQUE IS VITAL TO ENSURING THE SAFE PERFORMANCE AND FUNCTION OF THE 951EVO FRAME. FAILURE TO DO SO COULD RESULT IN SUB-OPTIMAL PERFORMANCE OF YOUR FRAME AS WELL AS PREMATURE WEAR AND TEAR OF INDIVIDUAL PARTS.

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.

SHOCK SETUP

CANE CREEK DB COIL



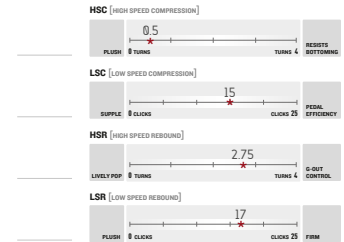
MY SETTINGS //

RIDING WEIGHT

SHOCK AND STROKE LENGTH

SAG (Base Tune Recommendation: 25mm)

SPRING RATE / AIR PRESSURE



*Canecreek Base Tune Recommendation: 951 EVO

SET UP AND TUNE

PROPER SET UP AND TUNING CAN VARY FROM SHOCK TO SHOCK. PLEASE CONSULT THE CANE CREEK MANUAL INCLUDED WITH YOUR BIKE FOR COMPLETE INFORMATION ABOUT SET UP, TUNING AND GENERAL MAINTENANCE OR VISIT WWW.CANECREEK.COM/PRODUCTS/SUSPENSION

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 ensure the bike is safe to ride at all levels. It is important to 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.





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		
BOX LINK	Add grease thru zerk fittings		X		
FRAME PIVOTS	Check torques		X		
SPOKES	Inspect for damage, check tension		X		
SHOCK AND FORK	Check air pressure, inspect for leaks		X		
DERAILEUR CABLES	Inspect and lube			X	
SEATPOST	Clean and regrease interface with frame			X	
FRAME PIVOTS	Remove pivot bolts, check bearings for pitting and wear			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
SHOCK AND 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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