

BEFORE YOU START

The X10 is a high-quality, 1/10-pan car intended for persons aged 16 years and older with previous experience building and operating RC model racing cars. This is not a toy; it is a precision car model. This model racing car is not intended for use by beginners, inexperienced customers, or by children without direct supervision of a responsible, knowledgeable adult. If you do not fulfill these requirements, please return the kit in unused and unassembled condition back to the shop where you purchased it. Before building and operating your X10, YOU MUST read through all of the operating instructions and instruction manual and fully understand them to get maximum enjoyment and prevent unnecessary damage. Read carefully and fully understand the instructions before beginning assembly. Make sure you review this entire manual and examine all details carefully. If for some reason you decide the X10 is not what you wanted or expected, do not continue any further. Your hobby dealer cannot accept your X10 kit for return or exchange after it has been partially or fully assembled.

Contents of the box may differ from pictures. In line with our policy of continuous product development, the exact specifications of the kit may vary without prior notice.

CUSTOMER SUPPORT

We have made every effort to make these instructions as easy to understand as possible. However, if you have any difficulties, problems, or questions, please do not hesitate to contact the XRAY support team at info@teamxray.com. Also, please visit our Web site at www.teamxray.com to find the latest updates, set-up information, option parts, and many other goodies. We pride ourselves on taking excellent care of our customers.

You can join thousands of XRAY fans and enthusiasts in our online community at: www.teamxray.com

XRAY Europe

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> Phone: 421-32-74401100 Fax: 421-32-74401109 E-mail: info@teamxray.com

XRAY USA

RCAmerica, 167 Turtle Creek Boulevard Suite C Dallas, Texas 75207, USA

Phone: (800) 519-7221 * (214) 744-2400 Fax: (214) 744-2401 E-mail: xray@rcamerica.com

Failure to follow these instructions will be considered as abuse and/or neglect.

In line with our policy of continuous product development, the exact specifications of the kit may vary. In the unlikely event of any problems with your new kit, you should contact the shop where you purchased it, quoting the part number. We reserve all rights to change any specification without prior notice. All rights reserved.

SYMBOLS USED

Part bags used Assemble in the specified order Assemble left and right sides the same way

Pay attention here

Assemble as many times as specified (here twice) Apply CA glue

Apply oil

Apply grease

Ensure smooth non-binding movement Follow Set-up Book



0 0 0



2x

CA

OIL

O_{GR}





EQUIPMENT INCLUDED

TOOLS REQUIRED

XRAY Premium Silicone Oil 350cSt (#359235)



Diff. Grease (HUDY #106211)











TOOLS REQUIRED

















EQUIPMENT REQUIRED















4-cell Battery Pack





Battery Charger



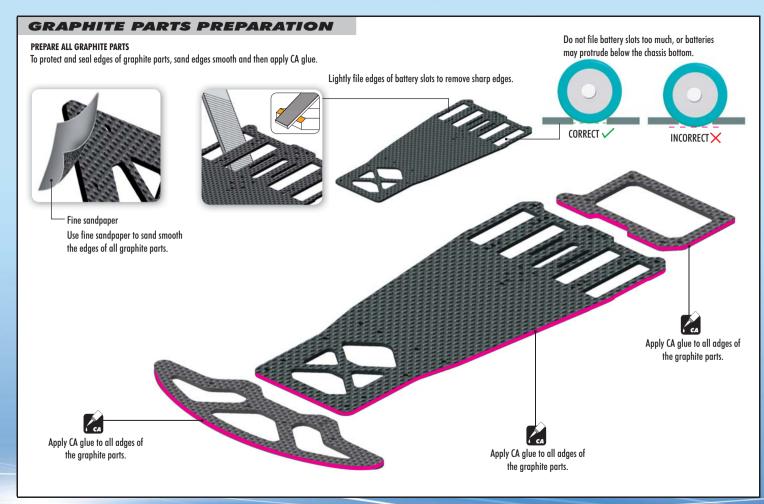
Front & Rear Tires





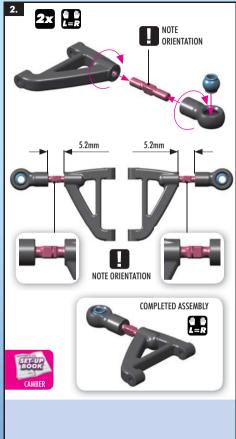


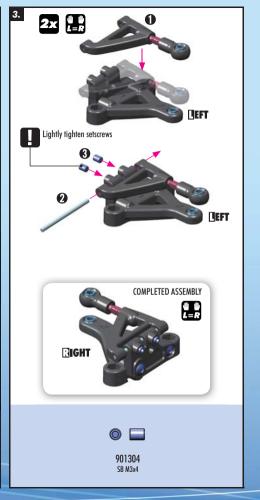


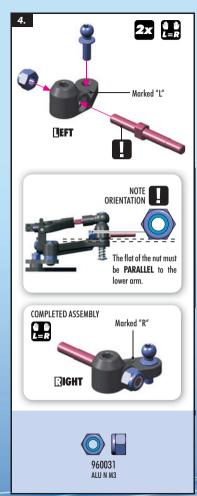


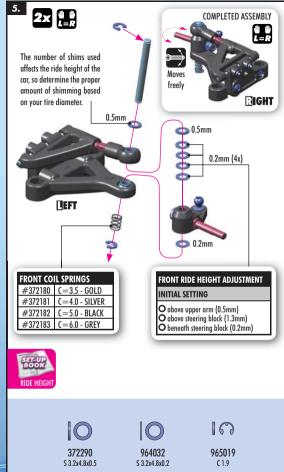
1. FRONT SUSPENSION 960031 FRONT COIL SPRINGS C=3.5 - GOLD (standard) #372180 372010 #372181 C=4.0 - SILVER (option) 372210 #372182 C=5.0 - BLACK (option) 371060 #372183 C=6.0 - GREY (option) 372110 371085 902314 965019 902308 372290 371050 901304 372280 377220 373240 372130 371000 372290 372020 372620 960031 964032 372650 960031 372120 372220 00000 375220 373240 00000 372291 965019 903312 372291 372180 377220 FRONT UPPER PIVOT PIN 2x31MM (2) 371000 X10 CHASSIS - 2.5MM GRAPHITE 372210 COMPOSITE STEERING BLOCK - RIGHT 371050 X10 GRAPHITE 2.5MM MOUNTING PLATE RISERS (2) 372220 COMPOSITE STEERING BLOCK - LEFT 372280 KING PIN (2) 371060 X10 GRAPHITE 2.5MM ARM MOUNT PLATE 901304 HEX SCREW SB M3x4 (10) 371085 X10 FRONT BRACE - GRAPHITE 2.0MM 372290 ALU SHIM 3.2x4.8x0.5 (4) 902308 HEX SCREW SH M3x8 (10) BAG 372291 ALU SHIM 3.1x8x0.5 (4) 372010 COMPOSITE FRONT UPPER ARM MOUNT - RIGHT 902312 HEX SCREW SH M3x12 (10) 372020 COMPOSITE FRONT UPPER ARM MOUNT - LEFT 372315 COMPOSITE ECCENTRIC BUSHINGS + CASTER CLIPS (2) 902314 HEX SCREW SH M3x14 (10) 372620 ADJ. TURNBUCKLE M3x17 MM - HUDY SPRING STEEL™ (2) 372650 BALL-END 4.2MM - THREADED - HUDY SPRING STEEL™ (2) 903312 HEX SCREW SFH M3x12 (10) 372110 COMPOSITE SUSPENSION ARM - FRONT LOWER - RIGHT 372120 COMPOSITE SUSPENSION ARM - FRONT LOWER - LEFT 960031 ALU NUT M3 (10) 373240 PIVOTBALL UNIVERSAL 6.0 MM - HUDY SPRING STEEL (2) 964032 WASHER S 3.2 x 4.8 x 0.2 (10) 372130 COMPOSITE FRONT UPPER SUSPENSION ARM & BALL JOINT 372180 FRONT COIL SPRING 3.6x6x0.5MM; C=3.5 - GOLD (2) 375220 FRONT WHEEL AXLE - HUDY SPRING STEEL (2) 965019 E-CLIP 1.9 (10)

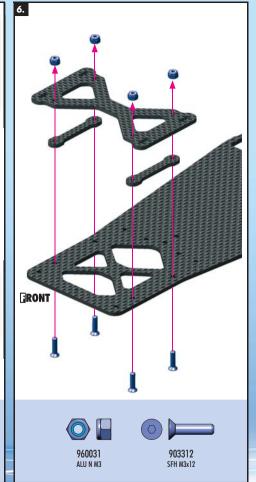


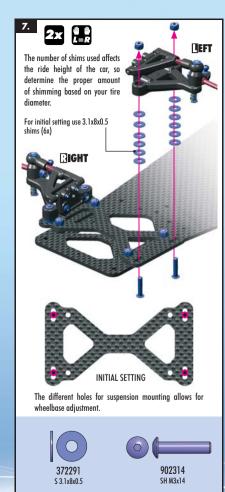


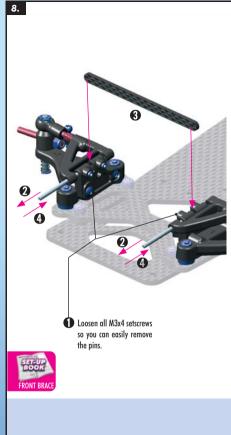


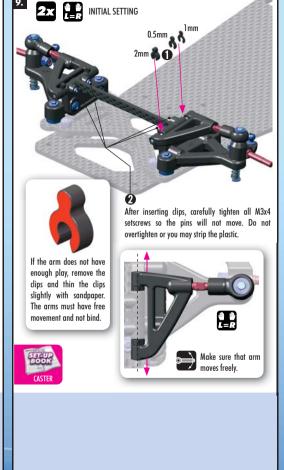


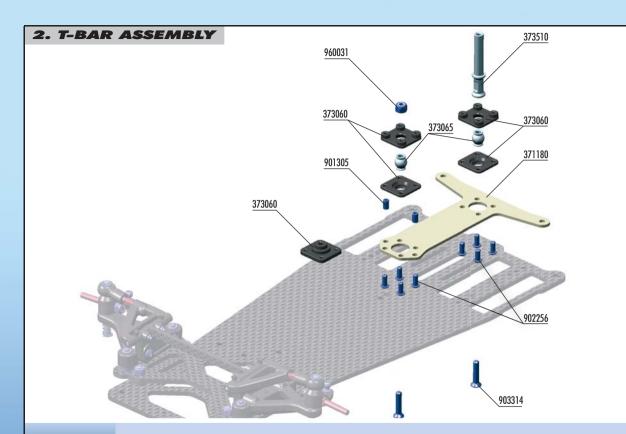










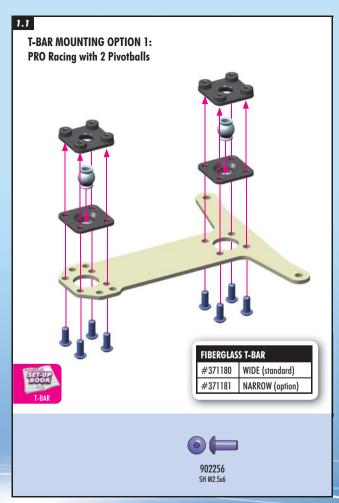


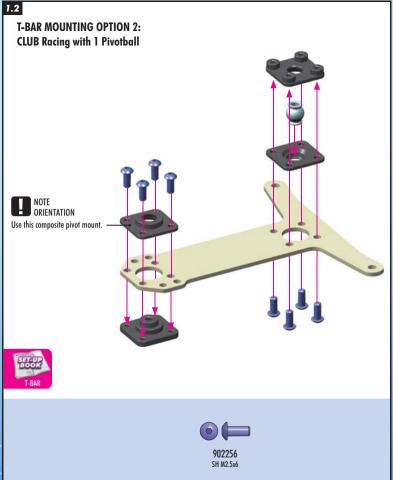
BAG

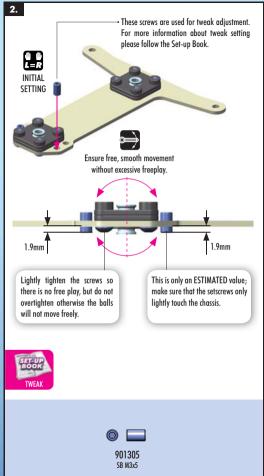


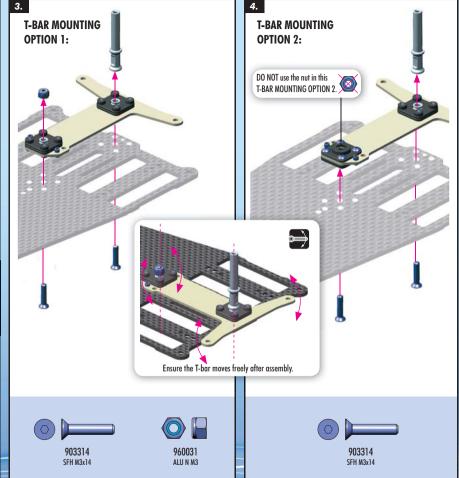
371180 FIBERGLASS T-BAR 1.5MM
373060 COMPOSITE PIVOT MOUNTS - SET
373065 T-BAR PIVOTBALL - HUDY SPRING STEEL (2)
373510 ALU FRICTION DAMPER POST

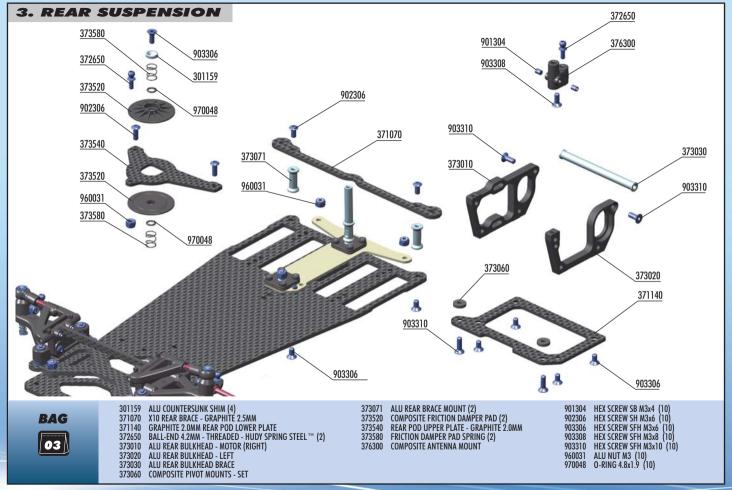
901305 HEX SCREW SB M3x5 (10) 902256 HEX SCREW SH M2.5x6 (10) 903314 HEX SCREW SFH M3x14 (10) 960031 ALU NUT M3 (10)

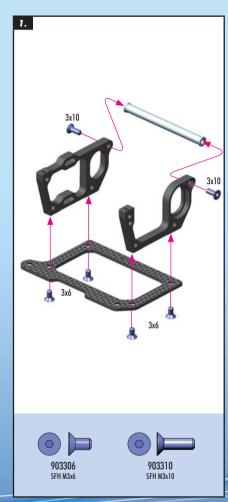


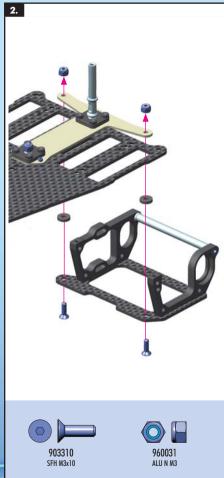


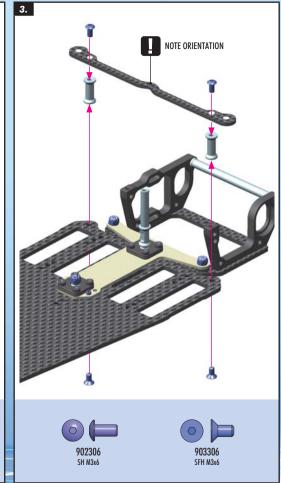




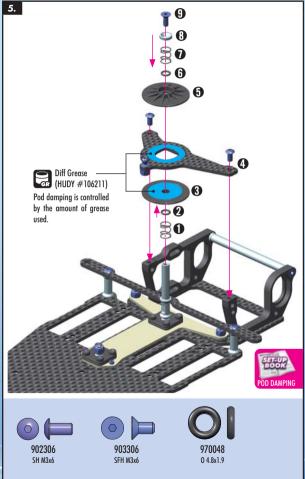


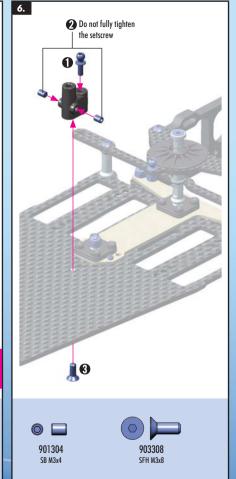


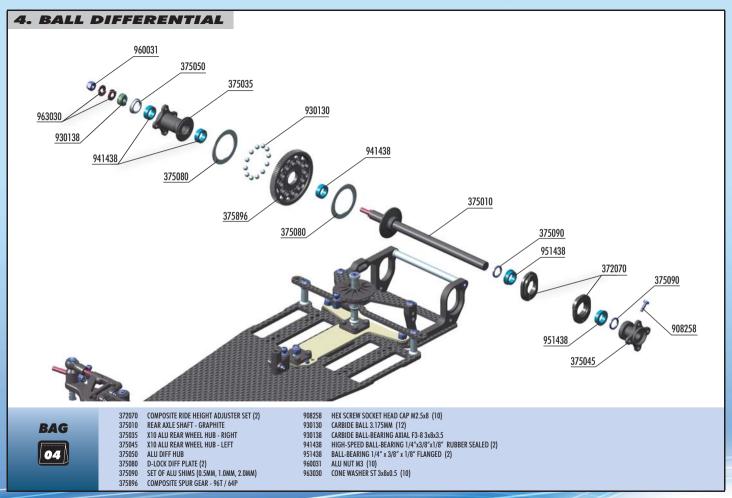


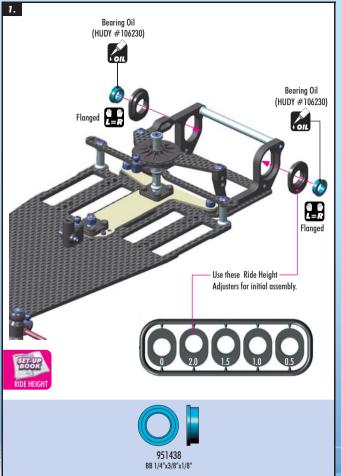


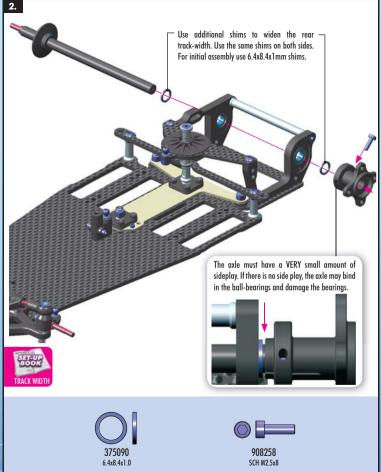


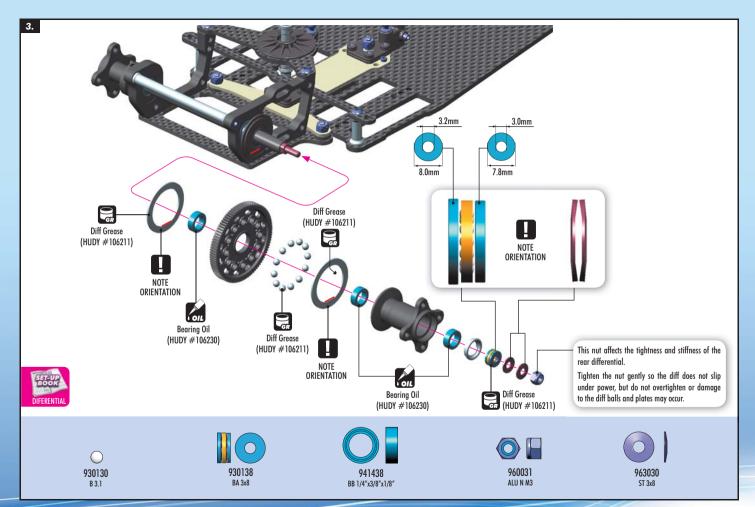


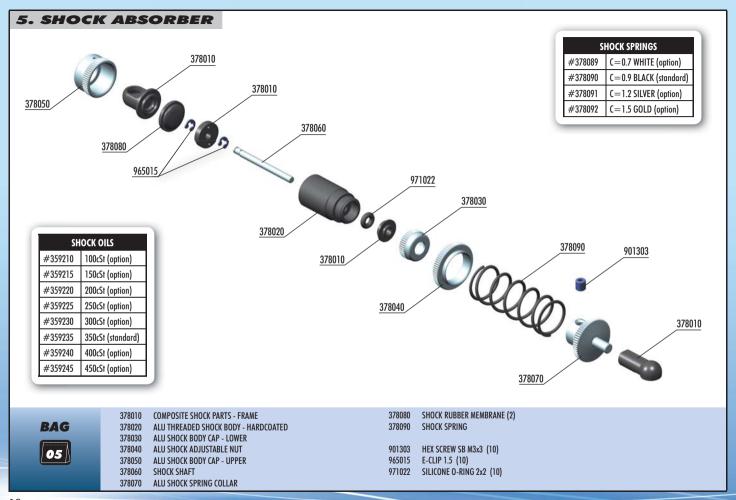


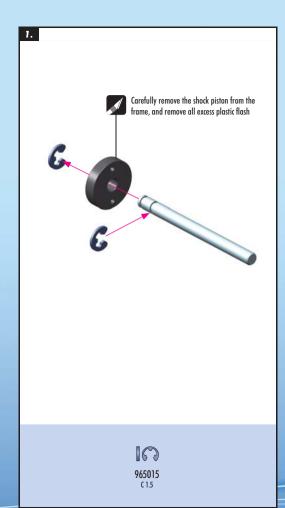






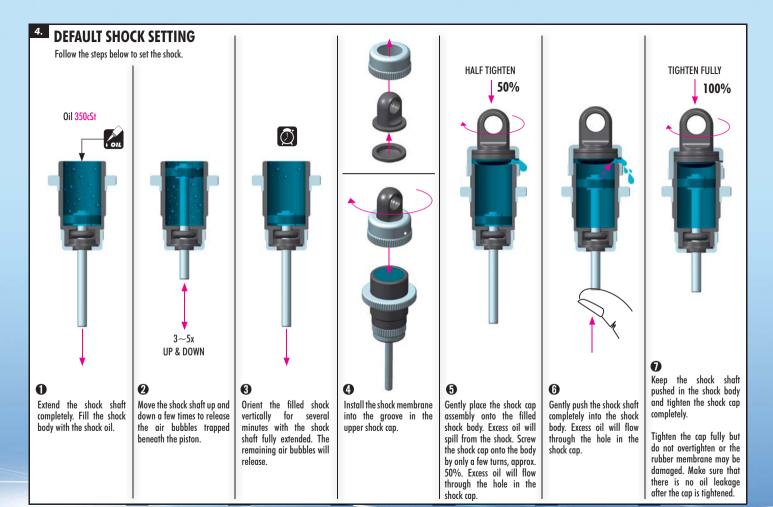


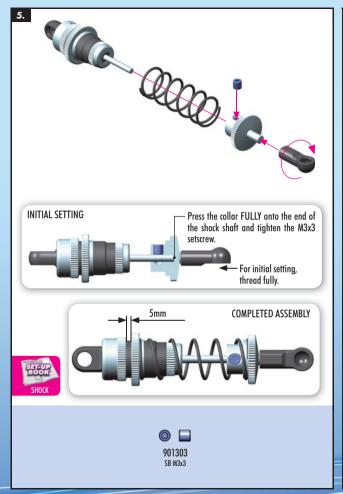


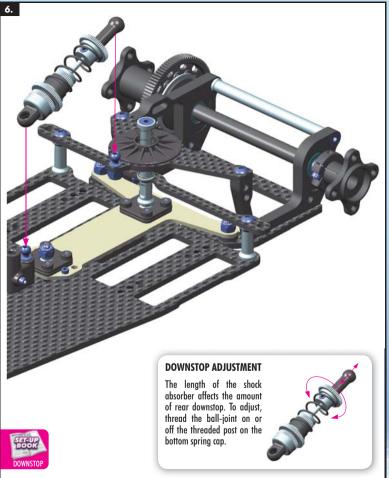


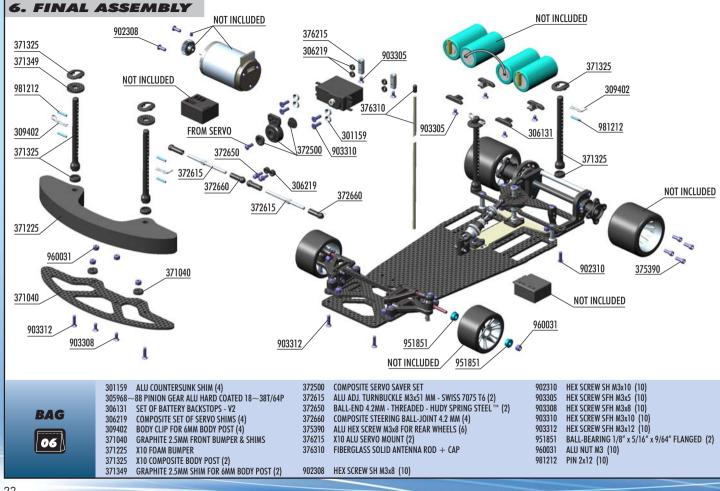


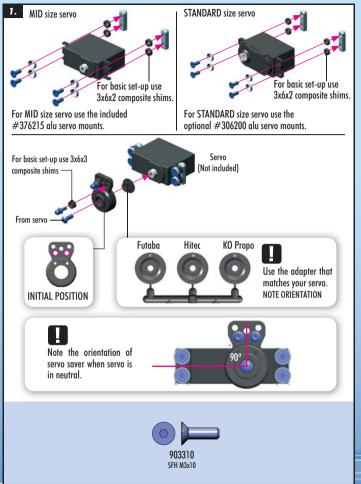


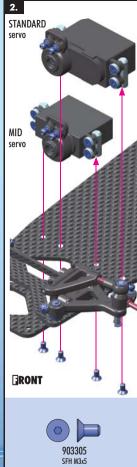


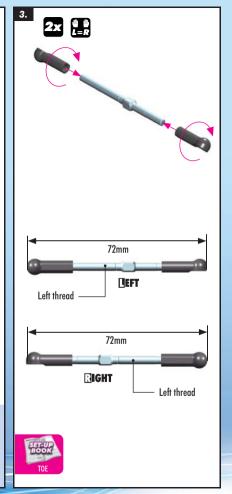


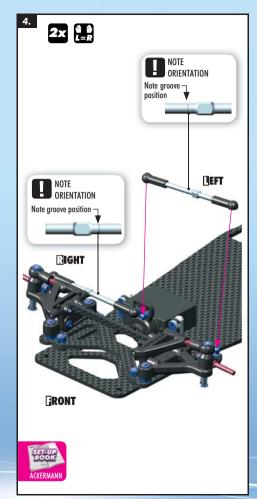




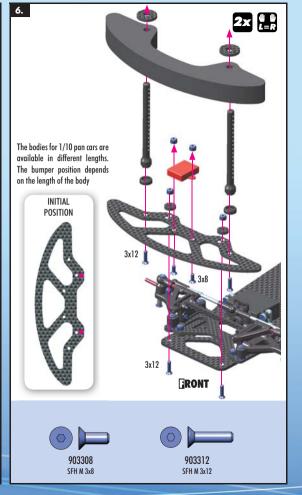


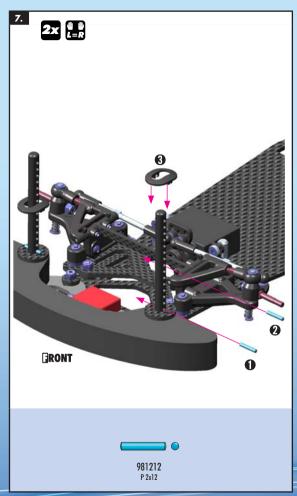


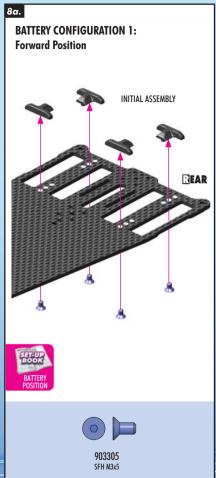


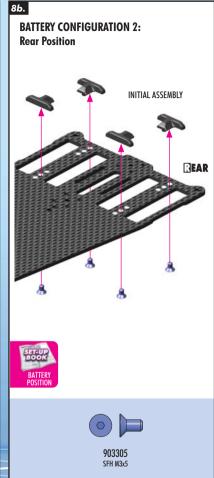


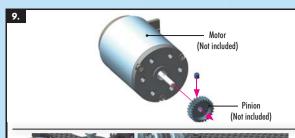


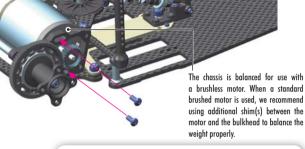




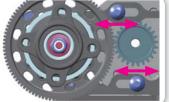




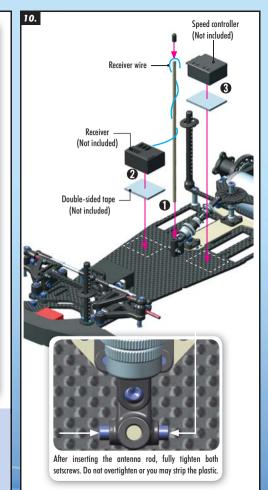




Adjust the gear mesh so there is appropriate space between the spur gear and pinion teeth. There should be a very small amount of freeplay.



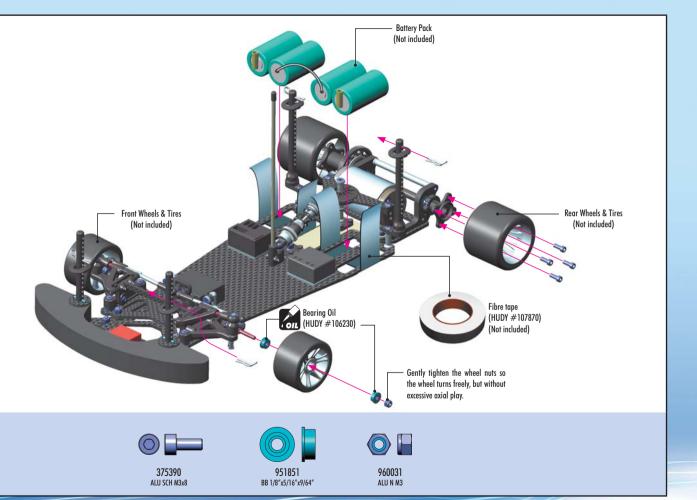
PINION GEARS ALU HARDCOATED	
#305968	18T / 64P (option)
#305969	19T / 64P (option)
#305970	20T / 64P (option)
#305971	21T / 64P (option)
#305972	22T / 64P (option)
#305973	23T / 64P (option)
#305974	24T / 64P (option)
#305975	25T / 64P (option)
#305976	26T / 64P (option)
#305977	27T / 64P (option)
#305978	28T / 64P (option)
#305979	29T / 64P (option)
#305980	30T / 64P (option)
#305981	31T / 64P (option)
#305982	32T / 64P (option)
#305983	33T / 64P (option)
#305984	34T / 64P (option)
#305985	35T / 64P (option)
#305986	36T / 64P (option)
#305987	37T / 64P (option)
#305988	38T / 64P (option)





902308 SH M 3x8

GEAR RATIO



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