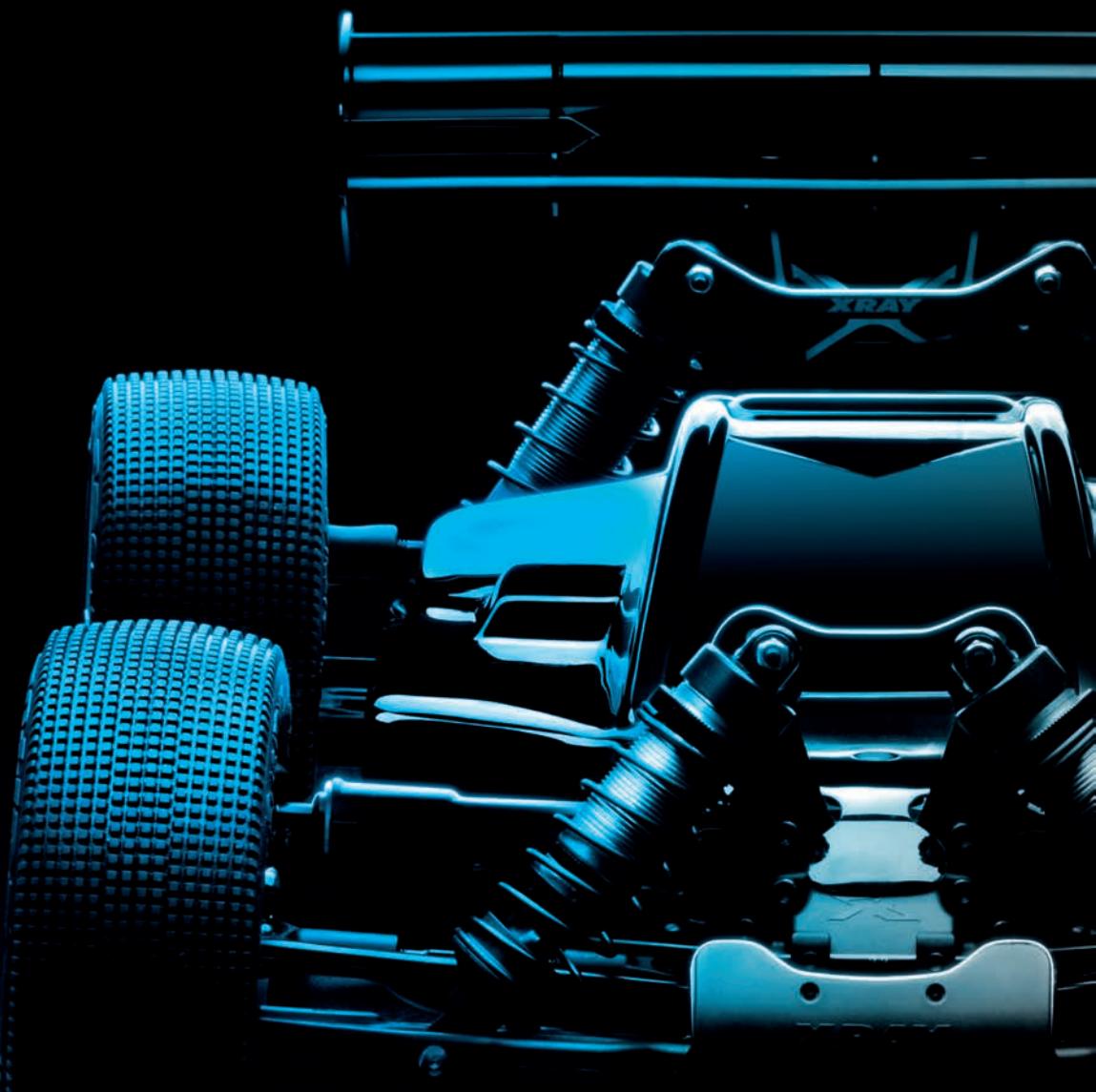


1/8 ELECTRIC OFF-ROAD BUGGY

XRAY XB8E



INSTRUCTION MANUAL
XRAY XB8E '26

BEFORE YOU START

This is a high-competition, high-quality RC 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 racing 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 form back to the shop where you have purchased it.

Before building and operating your XRAY, YOU MUST read through all of the operating instructions and instruction manual and fully understand them to get the maximum enjoyment and prevent unnecessary damage.

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

Read carefully and fully understand the instructions before beginning assembly.

Make sure you review this entire manual, download and use set-up book from the web, and examine all details carefully. If for some reason you decide this is not what you wanted or expected, DO NOT continue any further. Your hobby dealer can not accept your 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.

XRAY Europe

K Vystavisku 6992
91101 Trenčín
Slovakia, EUROPE
Phone: 421-32-7401100
Fax: 421-32-7401109
E-mail: info@teamxray.com

XRAY USA

RC America, 2030 Century Center Blvd #15 Irving, TX
75062
USA
Phone: (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.

SAFETY PRECAUTIONS

Contains:

LEAD (CAS 7439-92-1) ANTIMONY (CAS 7440-36-0)

WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

CAUTION: CANCER HAZARD

Contains lead, a listed carcinogen. Lead is harmful if ingested. Wash thoroughly after using. DO NOT use product while eating, drinking or using tobacco products. May cause chronic effects to gastrointestinal tract, CNS, kidneys, and blood. MAY CAUSE BIRTH DEFECTS.

When building, using and/or operating this model always wear protective glasses and gloves.

Take appropriate safety precautions prior to operating this model. You are responsible for this model's assembly and safe operation! Please read the instruction manual before building and operating this model and follow all safety precautions. Always keep the instruction

manual at hand for quick reference, even after completing the assembly. Use only genuine and original authentic XRAY parts for maximum performance. Using any third party parts on this model will void warranty immediately.

Improper operation may cause personal and/or property damage. XRAY and its distributors have no control over damage resulting from shipping, improper construction, or improper usage. XRAY assumes and accepts no responsibility for personal and/or property damages resulting from the use of improper building materials, equipment and operations. By purchasing any item produced by XRAY, the buyer expressly warrants that he/she is in compliance with all applicable federal, state and local laws and regulation regarding the purchase, ownership and use of the item. The buyer expressly agrees to indemnify and hold harmless XRAY for all claims resulting directly or indirectly from the purchase, ownership or use of the product. By the act of assembling or operating this product, the user accepts all resulting liability. If the buyer is not prepared to accept this liability, then he/she should return this kit in new, unassembled, and unused condition to the place of purchase.

IMPORTANT NOTES - GENERAL

- This product is not suitable for children under 16 years of age without the direct supervision of a responsible and knowledgeable adult.
- Carefully read all manufacturers warnings and cautions for any parts used in the construction and use of your model.
- Assemble this kit only in places away from the reach of very small children.
- First-time builders and users should seek advice from people who have building experience in order to assemble the model correctly and to allow the model to reach its performance potential.
- Exercise care when using tools and sharp instruments.
- Take care when building, as some parts may have sharp edges.
- Keep small parts out of reach of small children. Children must not be allowed to put any parts in their mouth, or pull vinyl bag over their head.
- Read and follow instructions supplied with paints and/or cement, if used (not included in kit).
- Immediately after using your model, DO NOT touch equipment on the model such as the motor and speed controller, because they generate high temperatures. You may seriously burn yourself seriously touching them.
- Follow the operating instructions for the radio equipment at all times.
- DO NOT put fingers or any objects inside rotating and moving parts, as this may cause damage or serious injury as your finger, hair, clothes, etc. may get caught.
- Be sure that your operating frequency is clear before turning on or running your model, and never share the same frequency with somebody else at the same time. Ensure that others are aware of the operating frequency you are using and when you are using it.
- Use a transmitter designed for ground use with RC cars. Make sure that no one else is using the same frequency as yours in your operating area. Using the same frequency at the same time, whether it is driving, flying or sailing, can cause loss of control of the RC model, resulting in a serious accident.

- Always turn on your transmitter before you turn on the receiver in the car. Always turn off the receiver before turning your transmitter off.
- Keep the wheels of the model off the ground when checking the operation of the radio equipment.
- Disconnect the battery pack before storing your model.
- When learning to operate your model, go to an area that has no obstacles that can damage your model if your model suffers a collision.
- Remove any sand, mud, dirt, grass or water before putting your model away.
- If the model behaves strangely, immediately stop the model, check and clear the problem.
- To prevent any serious personal injury and/or damage to property, be responsible when operating all remote controlled models.
- The model car is not intended for use on public places and roads or areas where its operation can conflict with or disrupt pedestrian or vehicular traffic.
- Because the model car is controlled by radio, it is subject to radio interference from many sources that are beyond your control. Since radio interference can cause momentary loss of control, always allow a safety margin in all directions around the model in order to prevent collisions.
- DO NOT use your model:
 - Near real cars, animals, or people that are unaware that an RC car is being driven.
 - In places where children and people gather
 - In residential districts and parks
 - In limited indoor spaces
 - In wet conditions
 - In the street
 - In areas where loud noises can disturb others, such as hospitals and residential areas.
 - At night or anytime your line of sight to the model may be obstructed or impaired in any way.

To prevent any serious personal injury and/or damage to property, please be responsible when operating all remote controlled models.



IMPORTANT NOTES – ELECTRICAL

- Insulate any exposed electrical wiring (using heat shrink tubing or electrical tape) to prevent dangerous short circuits. Take maximum care in wiring, connecting and insulating cables. Make sure cables are always connected securely. Check connectors for if they become loose. And if so, reconnect them securely. Never use RC models with damaged wires. A damaged wire is extremely dangerous, and can cause short-circuits resulting in fire. Please have wires repaired at your local hobby shop.
- Low battery power will result in loss of control. Loss of control can occur due to a weak battery in either the transmitter or the receiver. Weak running battery may also result in an out of control car if your car's receiver power is supplied by the running battery. Stop operation immediately if the car starts to slow down.
- When not using RC model, always disconnect and remove battery.
- DO NOT disassemble battery or cut battery cables. If the running battery short-circuits, approximately 300W of electricity can be discharged, leading to fire or burns. Never disassemble battery or cut battery cables.
- Use a recommended charger for the receiver and transmitter batteries and follow the instructions correctly. Over-charging, incorrect charging, or using inferior chargers can cause the batteries to become dangerously hot. Recharge battery when necessary. Continual recharging may damage battery and, in the worst case, could build up heat leading to fire. If battery becomes extremely hot during recharging, please ask your local hobby shop for check and/or repair and/or replacement.
- Regularly check the charger for potential hazards such as damage to the cable, plug, casing or other defects. Ensure that any damage is rectified before using the charger again. Modifying the charger may cause short-circuit or overcharging leading to a serious accident. Therefore DO NOT modify the charger.
- Always unplug charger when recharging is finished.
- DO NOT recharge battery while battery is still warm. After use, battery retains heat. Wait until it cools down before charging.
- DO NOT allow any metal part to short circuit the receiver batteries or other electrical/electronic device on the model.
- Immediately stop running if your RC model gets wet as may cause short circuit.
- Please dispose of batteries responsibly. Never put batteries into fire.

R/C & BUILDING TIPS

- Make sure all fasteners are properly tightened. Check them periodically.
- Make sure that chassis screws DO NOT protrude from the chassis.
- For the best performance, it is very important that great care is taken to ensure the free movement of all parts.
- Clean all ball-bearings so they move very easily and freely.
- Tap or pre-thread the plastic parts when threading screws.

- Self-tapping screws cut threads into the parts when being tightened. DO NOT use excessive force when tightening the self-tapping screws because you may strip out the thread in the plastic. We recommended you stop tightening a screw when you feel some resistance.
- Ask your local hobby shop for any advice.

Please support your local hobby shop. We at XRAY Model Racing Cars support all local hobby dealers. Therefore we ask you, if at all possible, to purchase XRAY products at your hobby dealer and give them your support like we do. If you have difficulty finding XRAY products, please check out www.teamxray.com to get advice, or contact us via email at info@teamxray.com, or contact the XRAY distributor in your country.

WARRANTY

XRAY guarantees this model kit to be free from defects in both material and workmanship within 30 days of purchase. The total monetary value under warranty will in no case exceed the cost of the original kit purchased. This warranty DOES NOT cover any components damaged by use or modification or as a result of wear. Part or parts missing from this kit must be reported within 30 days of purchase. No part or parts will be sent under warranty without proof of purchase. Should you find a defective or missing part, contact the local distributor. Service and customer support will be provided through local hobby store where you have purchased the kit, therefore make sure to purchase any XRAY products at your local hobby store. This model racing car is considered to be a high-performance racing vehicle. As such this vehicle will be used in an extreme range of conditions and situations, all which may cause premature wear or failure of any component. XRAY has no control over usage of vehicles once they leave the dealer, therefore XRAY can only offer warranty against all manufacturer's defects in materials, workmanship, and assembly at point of sale and before use. No warranties are expressed or implied that cover damage caused by what is considered normal use, or cover or imply how long any model cars' components or electronic components will last before requiring replacement.

Due to the high performance level of this model car you will need to periodically maintain and replace consumable components. Any and all warranty coverage will not cover replacement of any part or component damaged by neglect, abuse, or improper or unreasonable use. This includes but is not limited to damage from crashing, chemical and/or water damage, excessive moisture, improper or no maintenance, or user modifications

which compromise the integrity of components. Warranty will not cover components that are considered consumable on RC vehicles. XRAY DOES NOT pay nor refund shipping on any component sent to XRAY or its distributors for warranty. XRAY reserves the right to make the final determination of the warranty status of any component or part.

Limitations of Liability

XRAY makes no other warranties expressed or implied. XRAY shall not be liable for any loss, injury or damages, whether direct, indirect, special, incidental, or consequential, arising from the use, misuse, or abuse of this product and/or any product or accessory required to operate this product. In no case shall XRAY's liability exceed the monetary value of this product.

Take adequate safety precautions prior to operating this model. You are responsible for this model's assembly and safe operation.

Disregard of the any of the above cautions may lead to accidents, personal injury, or property damage. XRAY MODEL RACING CARS assumes no responsibility for any injury, damage, or misuse of this product during assembly or operation, nor any addictions that may arise from the use of this product.

All rights reserved.

QUALITY CERTIFICATE

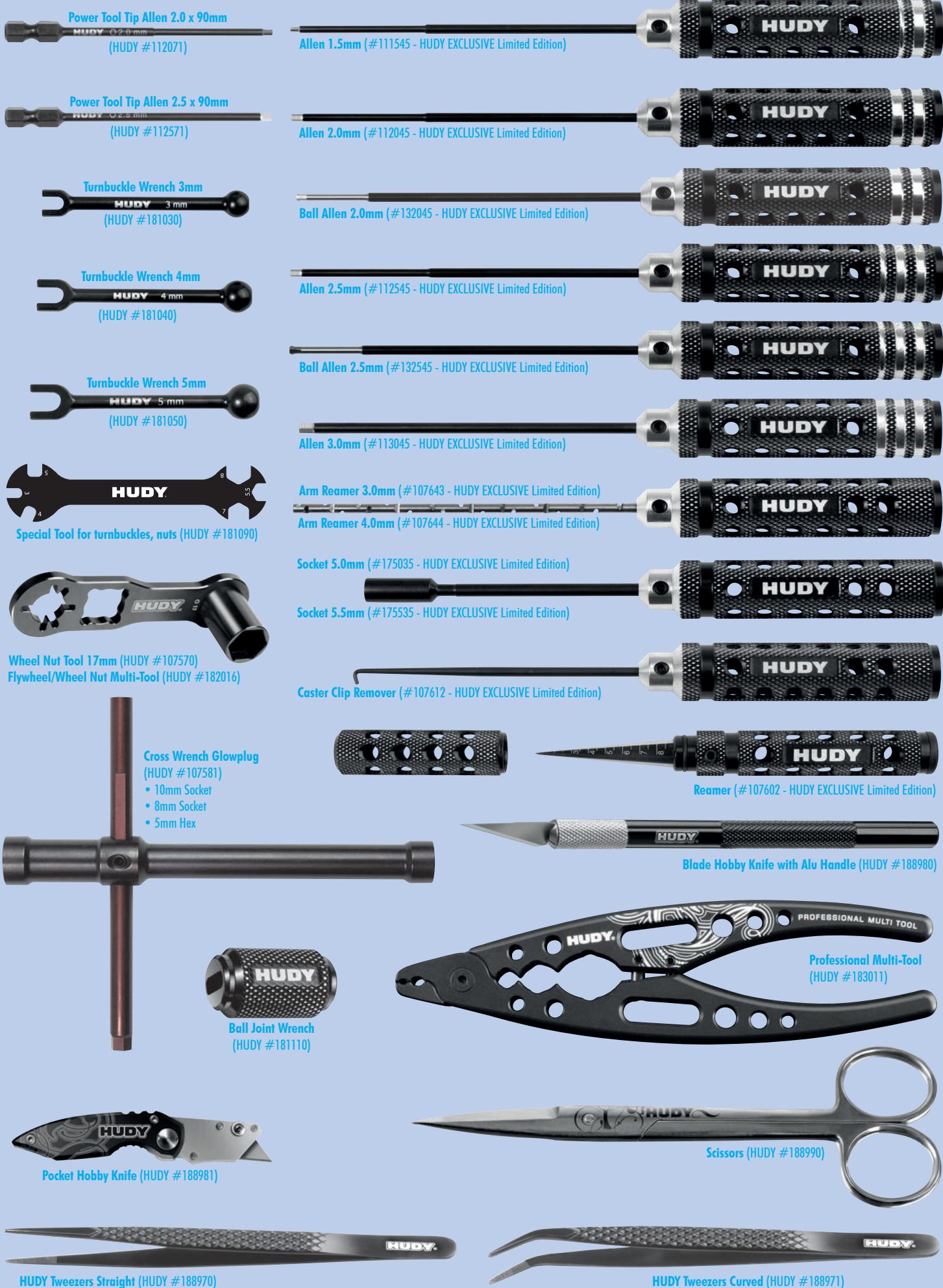
XRAY MODEL RACING CARS uses only the highest quality materials, the best compounds for molded parts and the most sophisticated manufacturing processes of TQM (Total Quality Management). We guarantee that all parts of a newly-purchased kit are manufactured with the highest regard to quality. However, due to the many factors inherent in model racecar competition, we cannot guarantee any parts once you start racing the car. Products which

have been worn out, abused, neglected or improperly operated will not be covered under warranty.

We wish you enjoyment of this high-quality and high-performance RC car and wish you best success on the track!

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 model shop where you purchased it, quoting the part number. We do reserve all rights to change any specification without prior notice. All rights reserved.

TOOLS REQUIRED



EQUIPMENT INCLUDED

550cSt (#106356) HUDY Premium Silicone Oils	600cSt (#106361) HUDY Premium Silicone Oils	3.000cSt (#106431) HUDY Premium Silicone Oils	7.000cSt (#106471) HUDY Premium Silicone Oils	(HUDY #106210) Premium Graphite Grease
				

At the beginning of each section is an exploded view of the parts to be assembled. There is also a list of all the parts and part numbers that are related to the assembly of that section.

The part descriptions are color-coded to make it easier for you to identify the source of a part. Here are what the different colors mean:

- 351200
- 351190
- 355000
- 350910

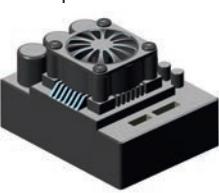
STYLE A - indicates parts that are included in the bag marked for the section.

STYLE B - indicates parts that are included in the box.

STYLE C - indicates parts that are already assembled from previous steps.

STYLE D - indicates parts that are optional.

EQUIPMENT REQUIRED

			
		 #355712-18 (STEEL NARROW 5mm) #294313-18 (STEEL WIDE 7mm OPTION) #355819-24 (ALU WIDE 7mm OPTION)	
			 CA GLUE
		 THREAD LOCK	

MAINTENANCE

SHOCK MAINTENANCE

Correct refilling and bleeding are critical for consistent shock performance. When built correctly, frequent rebuilding is NOT required. Regularly inspect and replace damaged rubber bladders, O-rings, bent shock shafts, and worn or loose ball joints.

- Before each race, check shocks for air inside. Remove the spring, compress the shock fully, and listen for any whistling or squishy sound. If air is present, refill and bleed the shock.
- For high-level competition, refill and bleed shocks before major events.
- When building or pairing shocks, ensure they are equal in length & adjust lower ball joints as required.
- Inspect shocks after each race and replace oil as needed.

SUSPENSION & DRIVETRAIN MAINTENANCE

Check suspension for free movement with the shocks removed during building and operation, especially after running or crashes. The suspension must move freely under its own weight. If it DOES NOT move freely, use the appropriate Hudy Arm Reamer to clean and resize the suspension arm holes, or replace any bent components.

Check suspension free movement with the car ready to run. Always verify ride height. Press the car down and release it, then lift it up and release it. If the suspension is stuck up or down, common causes include dirty or bent suspension pivot pins, bent shock shafts, pivot balls set too tight in the steering blocks, or dirty/worn pivot balls. Clean out or replace damaged/worn parts as necessary.

Check the drivetrain for free movement. There must be no locking, binding, or blocking during

rotation. With the motor/engine dismounted to eliminate drag, spin the wheels by hand and ensure smooth, free rolling. If the drivetrain does not roll freely, inspect all bearings and gears and replace worn or damaged parts as necessary.

Regularly inspect and replace the pins connecting the center driveshafts to the pinion gears, as well as the pins connecting wheel drive shafts to the wheel axles.

Pivot balls and ball joints will wear naturally and over time will develop minor play. If there is excess play, the pivot balls and ball joints should be replaced.

If the car is run in wet conditions, apply WD-40® on all drivetrain parts before the run. After the run, clean and dry the parts again.

DRIVE SHAFT PIN SERVICING

Regularly check the drive shaft pins (both suspensions and center) and if they show any wear they must be immediately replaced by new pins. Inspect the pins after every 3 hours of runtime. If the car is run with worn out pins, excessive wear on the diff outdrives will result. The **106000 Hudy Drive Pin Replacement Tool (for 3mm Pins)** is a compact, rugged multi-use tool set for replacing 3mm drive pins in drive shafts. Use the **Hudy replacement drive shaft pins 3x14 (#106050)**.



BEARING MAINTENANCE

Ball bearings must be properly maintained to ensure smooth drivetrain operation and long service life. New bearings are factory-greased for durability and may initially feel less free; this is normal.

- Clean and service bearings every 3–4 weeks or before major races.
- Check bearings for smooth operation. Replace any bearing with noise, vibration, or drag.
- Use only motor cleaners that leave no residue.
- Lightly oil bearings after cleaning. Short spin time when hand-tested is normal.
- When running in dirty conditions, it is recommended to use bearing grease after cleaning.

CLUTCH BEARINGS

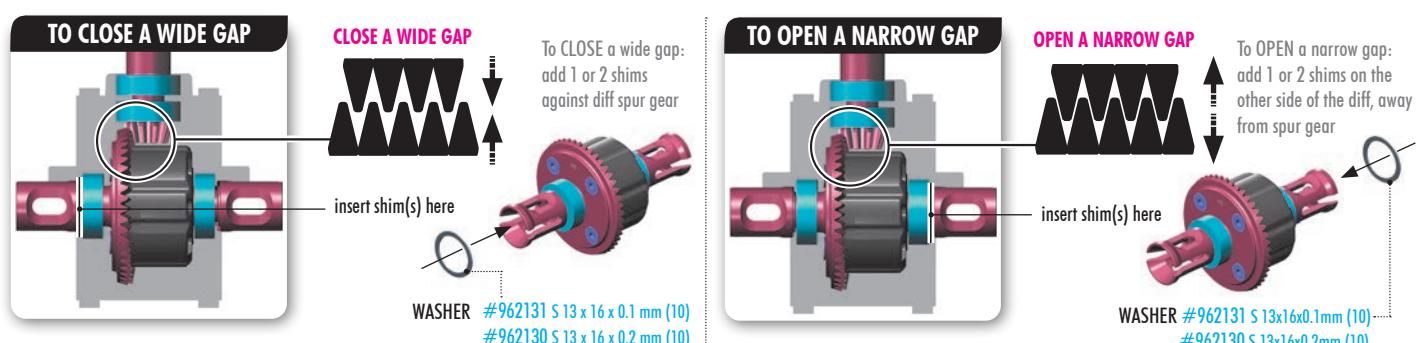
Regularly check the clutch bearings for smooth operation. Replace the bearings immediately if any wear, noise, or drag is detected.

TECH TIPS

TIP FRONT & REAR DIFF GEAR MESH ADJUSTMENT

If there is too much or too little diff side play, this may create non-optimal gear mesh between the diff gear and the pinion drive gear. This is easily resolved by inserting 1 or 2 of the included thin shims behind a diff outdrive ball-bearing, depending on how much play there is.

THE LOCATION OF THE SHIM(S) DEPENDS ON WHETHER YOU ARE TRYING TO CLOSE OR OPEN THE GAP:



CHECK GEAR MESH AND DIFF PLAY ONLY AFTER THE ENTIRE GEARBOX IS MOUNTED TOGETHER WITH THE SUSPENSION HOLDERS ON THE CHASSIS.
ALL PARTS ARE DESIGNED TO HAVE CERTAIN PLAY AND IT IS ALL DESIGNED BY PURPOSE.

HUDY PREMIUM SILICONE OILS



HUDY PREMIUM SILICONE OILS

FOR GEAR DIFFERENTIAL

#106411	1.000cSt - 100ml	OPTION
#106421	2.000cSt - 100ml	OPTION
#106431	3.000cSt - 100ml	INCLUDED
#106441	4.000cSt - 100ml	OPTION
#106451	5.000cSt - 100ml	OPTION
#106461	6.000cSt - 100ml	OPTION
#106471	7.000cSt - 100ml	INCLUDED
#106481	8.000cSt - 100ml	OPTION
#106491	9.000cSt - 100ml	OPTION
#106511	10.000cSt - 100ml	OPTION
#106493	11.000cSt - 100ml	OPTION
#106513	12.000cSt - 100ml	OPTION
#106516	15.000cSt - 100ml	OPTION
#106518	17.000cSt - 100ml	OPTION
#106521	20.000cSt - 100ml	OPTION
#106531	30.000cSt - 100ml	OPTION
#106541	40.000cSt - 100ml	OPTION
#106551	50.000cSt - 100ml	OPTION
#106561	60.000cSt - 100ml	OPTION
#106587	80.000cSt - 100ml	OPTION
#106611	100.000cSt - 100ml	OPTION

HUDY PREMIUM SILICONE OILS

FOR SHOCK ABSORBERS

#106326	250cSt - 100ml	OPTION
#106331	300cSt - 100ml	OPTION
#106336	350cSt - 100ml	OPTION
#106338	375cSt - 100ml	OPTION
#106341	400cSt - 100ml	OPTION
#106343	425cSt - 100ml	OPTION
#106346	450cSt - 100ml	OPTION
#106348	475cSt - 100ml	OPTION
#106351	500cSt - 100ml	OPTION
#106353	525cSt - 100ml	OPTION
#106356	550cSt - 100ml	INCLUDED
#106358	575cSt - 100ml	OPTION
#106361	600cSt - 100ml	INCLUDED
#106363	625cSt - 100ml	OPTION
#106366	650cSt - 100ml	OPTION
#106368	675cSt - 100ml	OPTION
#106371	700cSt - 100ml	OPTION
#106376	750cSt - 100ml	OPTION
#106381	800cSt - 100ml	OPTION
#106391	900cSt - 100ml	OPTION

TIP

All ball-bearings are factory pre-oiled or pre-greased. The bearings are all packaged in BAG 00.9.

For pre-oiled ball-bearings, use:

#106230 Hudy Bearing Oil.

For pre-greased ball-bearings, use one of these bearing greases:

#106220 - Hudy Bearing Grease - suggested for extremely dusty track conditions.

#106221 - Hudy Bearing Grease "Blue" - suggested for medium dusty track conditions.

#106222 - Hudy Bearing Grease "Red" - suggested for low dusty track conditions.

Replace any bearings that develop a "gritty" feeling to prevent inefficiency and avoid failures.

Make sure to use only original XRAY ball-bearings, which all have specific tolerances, axial and radial play, and are all individually selected. Using 3rd party ball-bearings may result in bearing failures and damage to other parts.

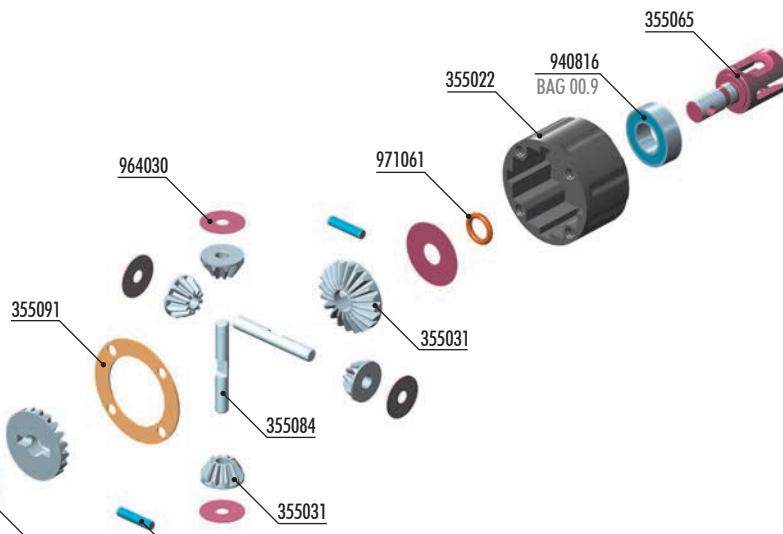
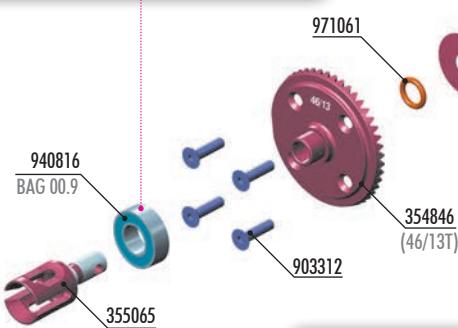


1. FRONT & REAR DIFFERENTIALS

OPTION	XRAY BALL-BEARINGS				
	#930816	8x16x5	GREASE	STEEL	OPTION
	#930817	8x16x5	OIL	STEEL	OPTION
	#940816	8x16x5	GREASE	RUBBER	INCLUDED
	#940817	8x16x5	OIL	RUBBER	OPTION



In the kit there is a **BAG 00.9** with pre-greased ball-bearings or with pre-oiled ball-bearings. Follow tech tip on page 7.



355064
OPTION F/R DIFF. OUTDRIVE ADAPTER LONG - V2 - HSS™ (2)



#355022-G
OPTION DIFFERENTIAL CASE V2 - GRAPHITE



#355085
OPTION HEAT RESISTANT ALU DIFF PIN & INSERTS - 2G CONFIG. F/R (2+4)



#355086
OPTION HEAT-RESISTANT F/R ALU DIFF PINS+ INSERTS (SET)



BAGS



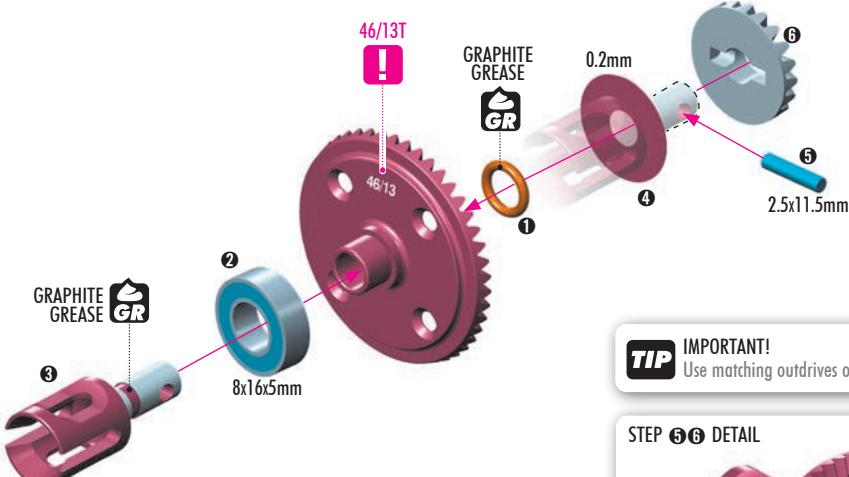
2x

354846 F/R DIFF LARGE BEVEL GEAR 46T - MATCHED FOR 13T PINION GEAR
355006 DIFFERENTIAL 46T - MATCHED FOR 13T PINION GEAR - SET
355022 DIFFERENTIAL CASE - V2
355031 STEEL DIFF BEVEL & SATELLITE GEARS - V2 (2+4)
355065 DIFF OUTDRIVE ADAPTER - V2 - HUSDY SPRING STEEL™ (2)
355084 F/R DIFF PIN (2)
355091 F/R DIFF GASKET (4)

903312 HEX SCREW SFH M3x12 (10)
940816 BALL-BEARING 8x16x5 RUBBER SEALED - GREASE (2)
964030 WASHER S 3.5x12x0.2 (10)
964060 WASHER S 6x18x0.2 (10)
971061 SILICONE O-RING 6x1.55 (10)
980261 PIN 2.5x11.5 (10)

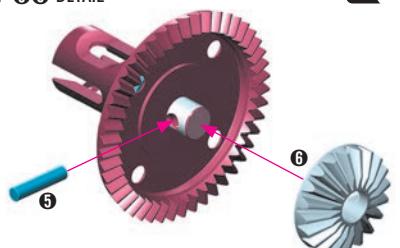
Numbers in parentheses () refer to quantities when purchased separately.

2x



IMPORTANT! Use matching outdrives on left and right sides of a diff.

STEP ⑤⑥ DETAIL

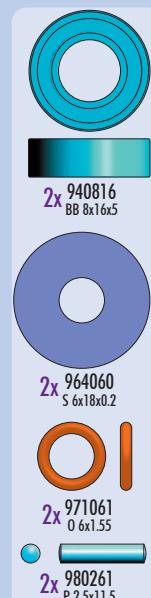


SET-UP BOOK

DIFFERENTIAL GEARS

OPTION	XRAY BALL-BEARINGS				
	#930816	8x16x5	GREASE	STEEL	OPTION
	#930817	8x16x5	OIL	STEEL	OPTION
	#940816	8x16x5	GREASE	RUBBER	INCLUDED
	#940817	8x16x5	OIL	RUBBER	OPTION

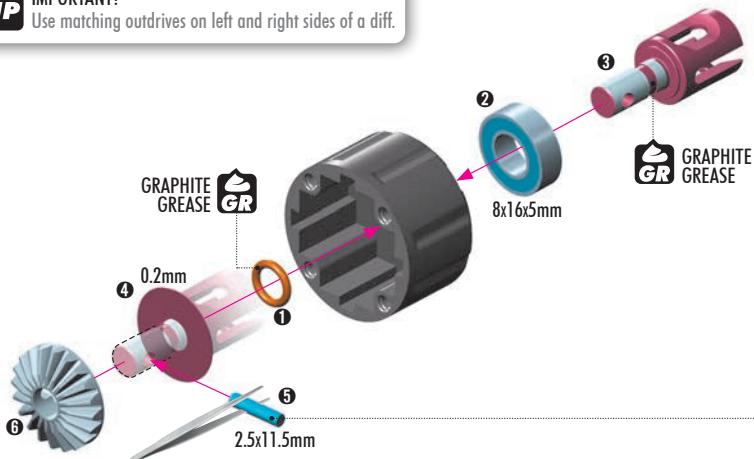
1. FRONT & REAR DIFFERENTIALS



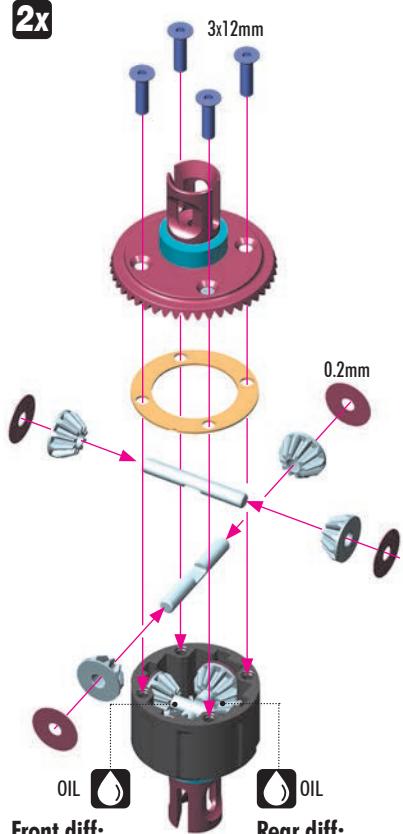
2x

TIP **IMPORTANT!**

Use matching outdrives on left and right sides of a diff.



2x



**SET-UP
BOOK**

DIFFERENTIAL OIL

Front diff:

Silicone oil **7.000cSt**

Fill just above the satellite gears.

Rear diff:

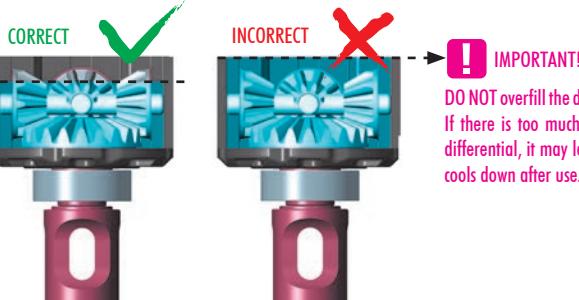
Silicone oil **3.000cSt**

Fill just above the satellite gears.

VERY IMPORTANT!

Use the following silicone oils included in the kit for INITIAL settings:

FRONT diff: **7.000cSt** / REAR diff: **3.000cSt**



To ensure you have the same amount of oil from rebuild to rebuild, do the following:

OPTION
#107865 HUDY Ultimate Digital Pocket Scale 300g±0.01g
#107866 HUDY Professional Digital Pocket Scale 3000g/0.1g



1. Put the diff (without oil) on the scale and check the weight:

- REAR DIFF approx. 39.30g
- FRONT DIFF approx. 39.30g

2. Slowly pour oil into the diff and watch the weight.

Add 2.60g of oil into the diff. The approximate weight of the diff + oil is approx. 41.90g

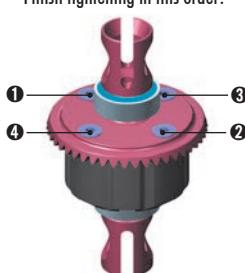
OIL
REAR DIFF **39.30g + 2.60g = 41.90g**

FRONT DIFF **39.30g + 2.60g = 41.90g**

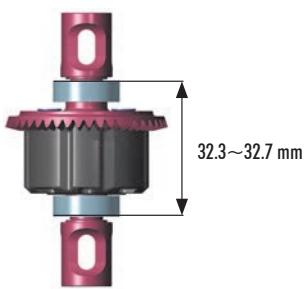
Tighten the screws equally.



Finish tightening in this order:

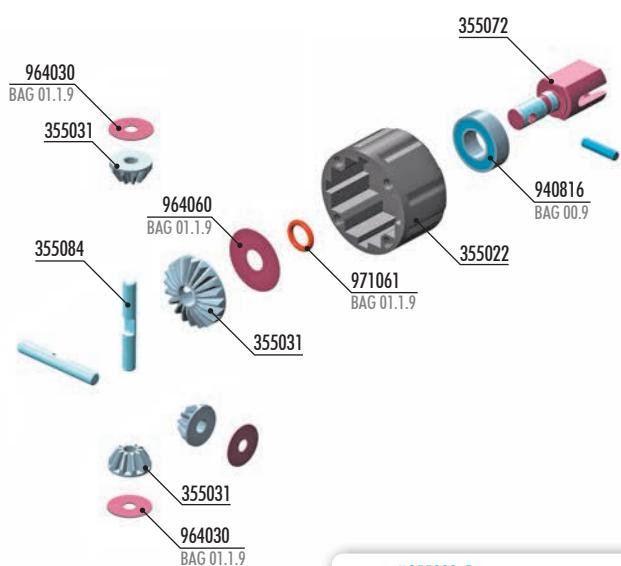
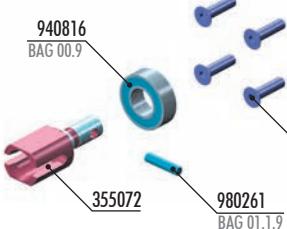


After assembly the differentials should have a length of 32.3~32.7 mm measured from the ends of the installed ball-bearings. If the differentials are longer, check that the gear is properly seated on the case and retighten the 4 screws while holding the crown gear.



1. CENTER DIFFERENTIAL

XRAY BALL-BEARINGS				
OPTION	#930816	8x16x5	GREASE	STEEL
	#930817	8x16x5	OIL	STEEL
	#940816	8x16x5	GREASE	RUBBER
	#940817	8x16x5	OIL	RUBBER



OPTION #355022-G DIFFERENTIAL CASE - V2 - GRAPHITE

OPTION #355086 HEAT-RESISTANT F/R ALU DIFF PINS+ INSERTS (SET)

CENTER DIFF SPUR GEAR (Modul 1)				
OPTION	#355052	44T	STEEL	OPTION
	#355051	45T	STEEL	OPTION
	#355050	46T	STEEL	OPTION
	#354946	46T	COMPOSITE	INCLUDED
	#354946-G	46T	GRAPHITE	OPTION

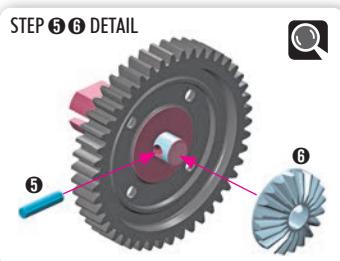
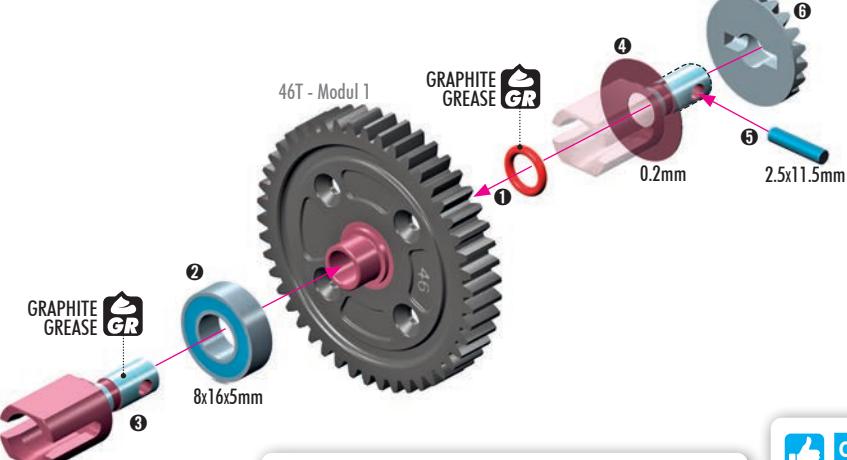


BAG 01.3

354946 COMPOSITE CENTER DIFF SPUR GEAR WITH MOULDED-IN STEEL BUSHING 46T
 355014 CENTER DIFFERENTIAL SMALL WITH COMPOSITE SPUR GEAR 46T - SET
 355022 DIFFERENTIAL CASE - V2
 355031 STEEL DIFF BEVEL & SATELLITE GEARS - V2 (2+4)
 355072 LARGE CENTER DIFF OUTDRIVE ADAPTER - HUDY STEEL (2)
 355084 DIFF PIN (2)
 355091 DIFF GASKET (4)

903312 HEX SCREW SFH M3x12 (10)
 940816 BALL-BEARING 8x16x5 RUBBER SEALED - GREASE (2)
 964030 WASHER S 3.5x12x0.2 (10)
 964060 WASHER S 6x18x0.2 (10)
 971061 SILICONE O-RING 6x1.55 (10)
 980261 PIN 2.5x11.5 (10)

Numbers in parentheses () refer to quantities when purchased separately.

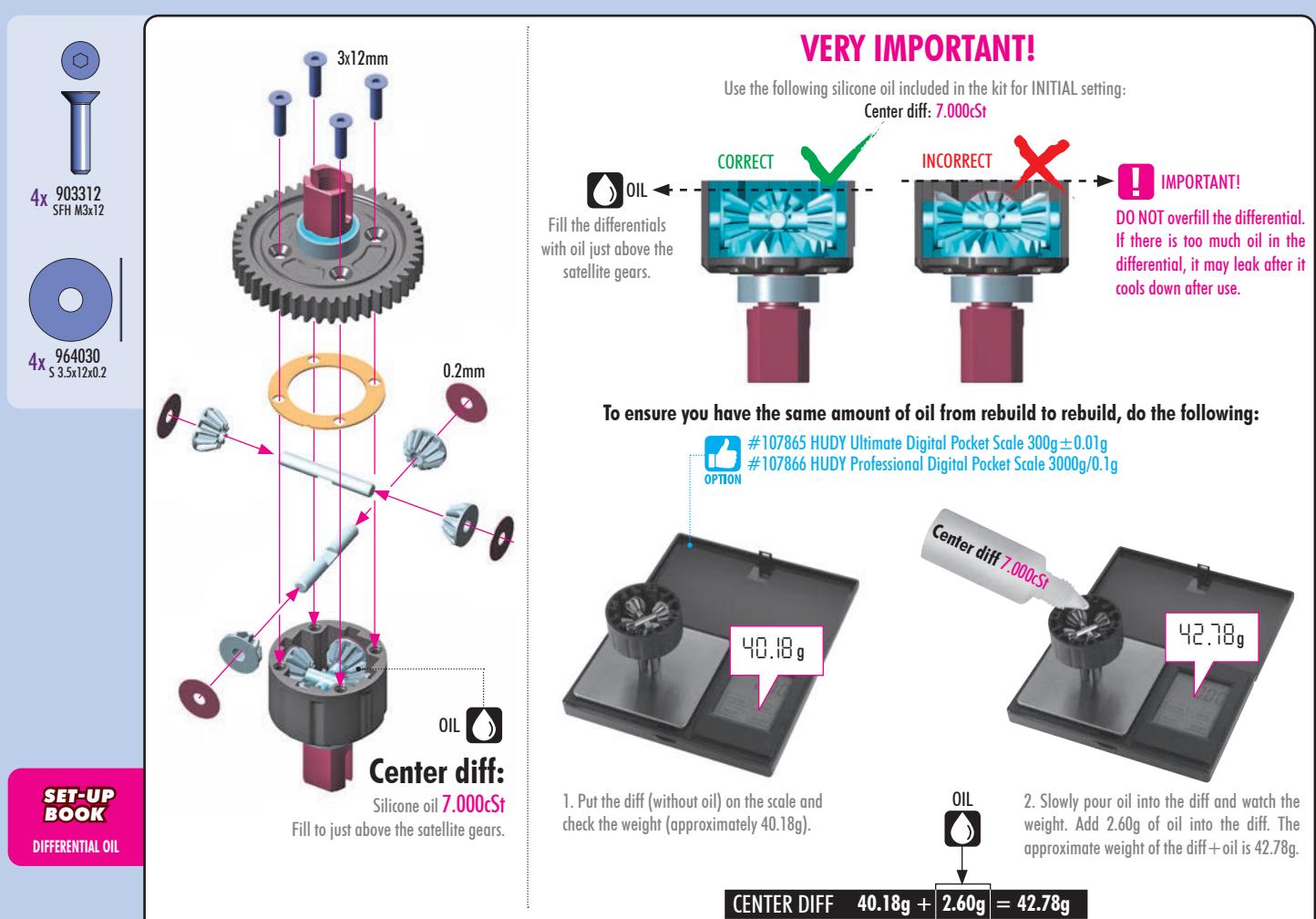
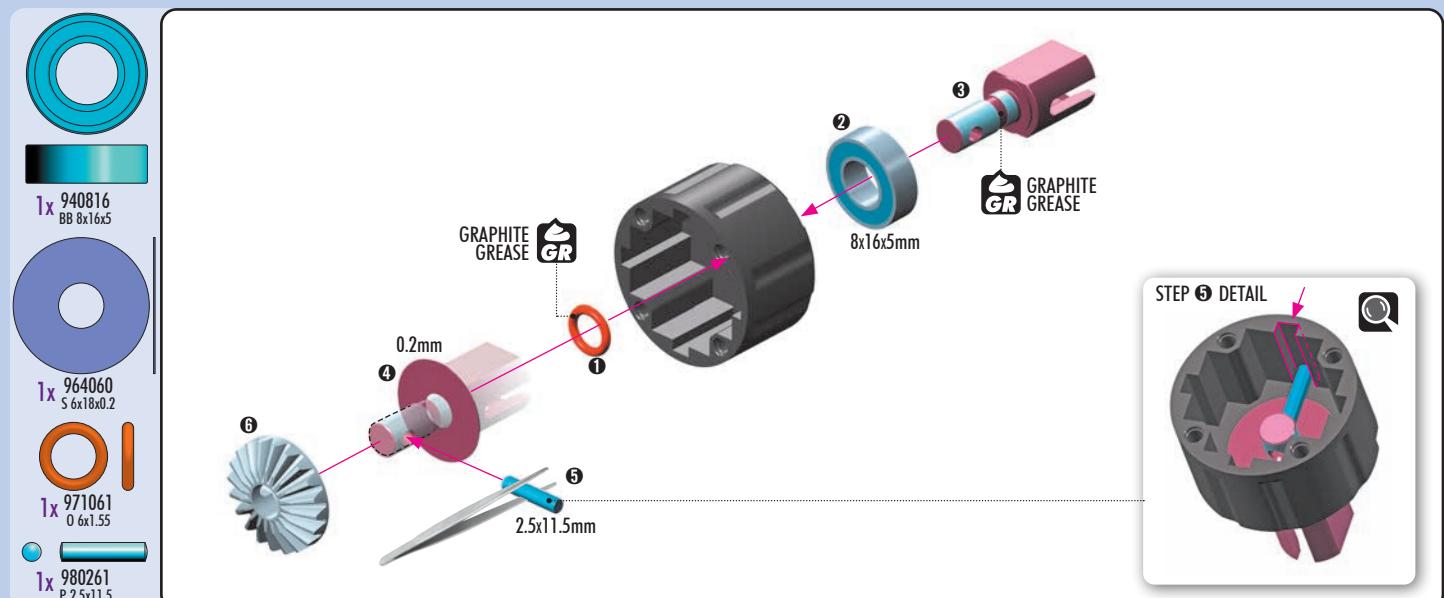


XRAY BALL-BEARINGS				
OPTION	#930816	8x16x5	GREASE	STEEL
	#930817	8x16x5	OIL	STEEL
	#940816	8x16x5	GREASE	RUBBER
	#940817	8x16x5	OIL	RUBBER

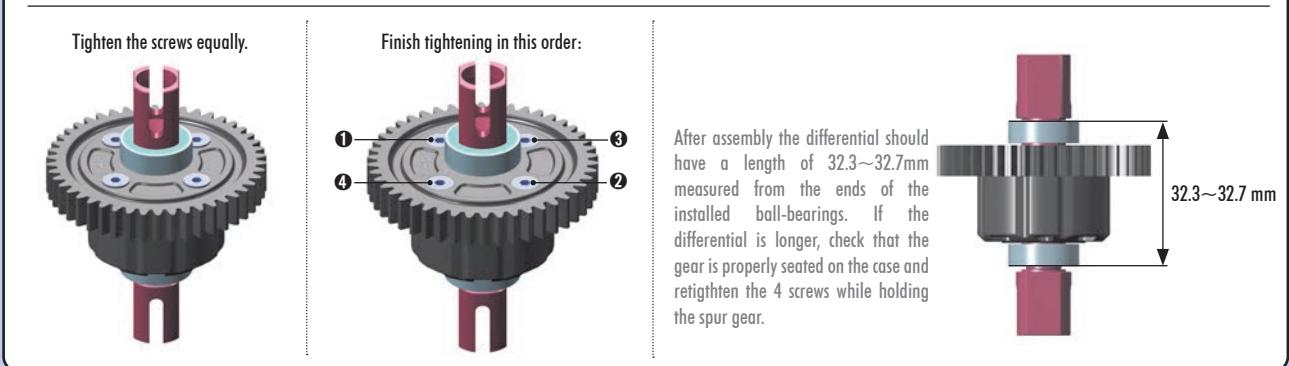
CENTER DIFF SPUR GEAR (Modul 1)				
OPTION	#355052	44T	STEEL	OPTION
	#355051	45T	STEEL	OPTION
	#355050	46T	STEEL	OPTION
	#354946	46T	COMPOSITE	INCLUDED
	#354946-G	46T	GRAPHITE	OPTION



1. CENTER DIFFERENTIAL



**SET-UP
BOOK**
DIFFERENTIAL OIL



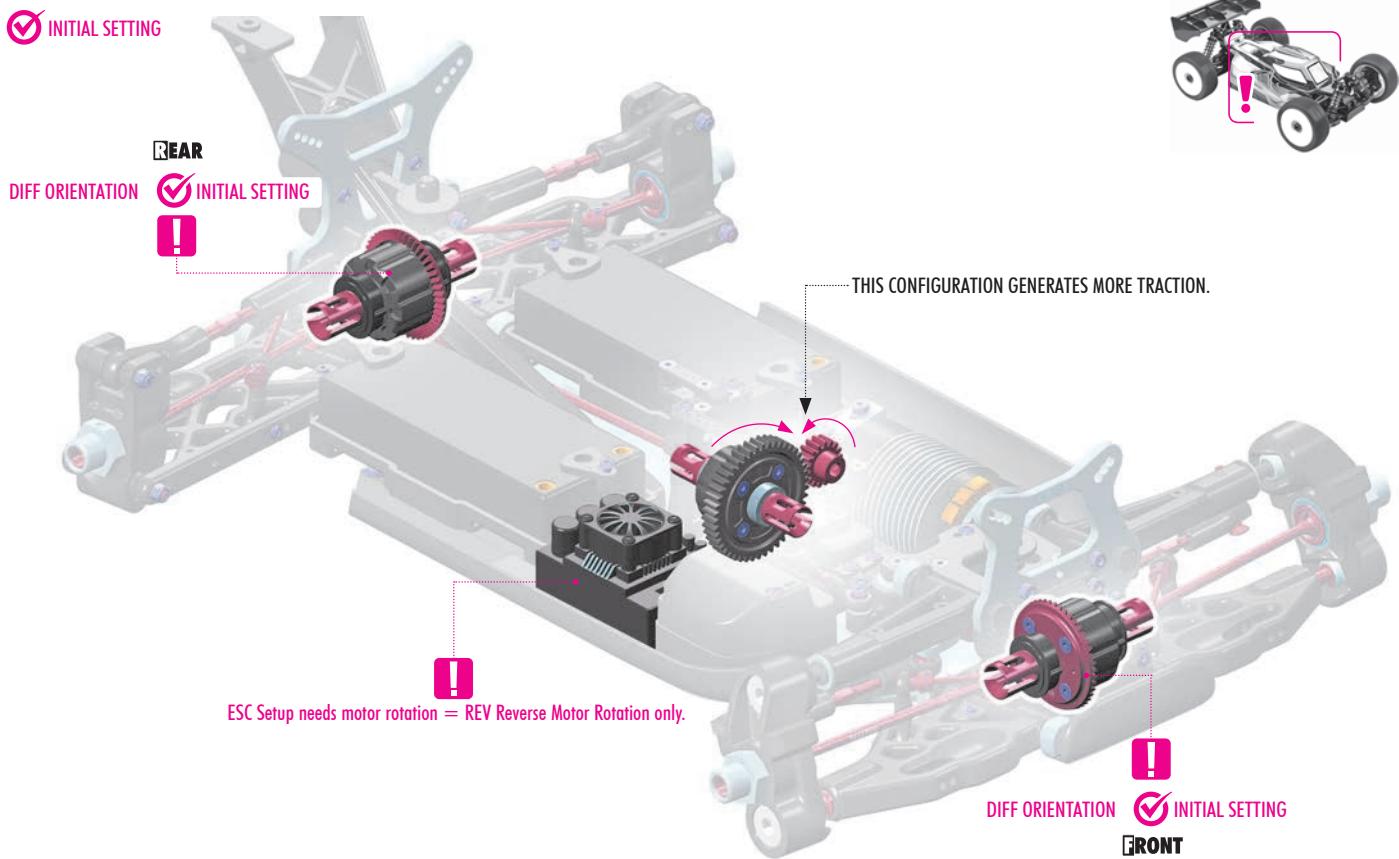
FRONT & REAR DIFF ORIENTATION



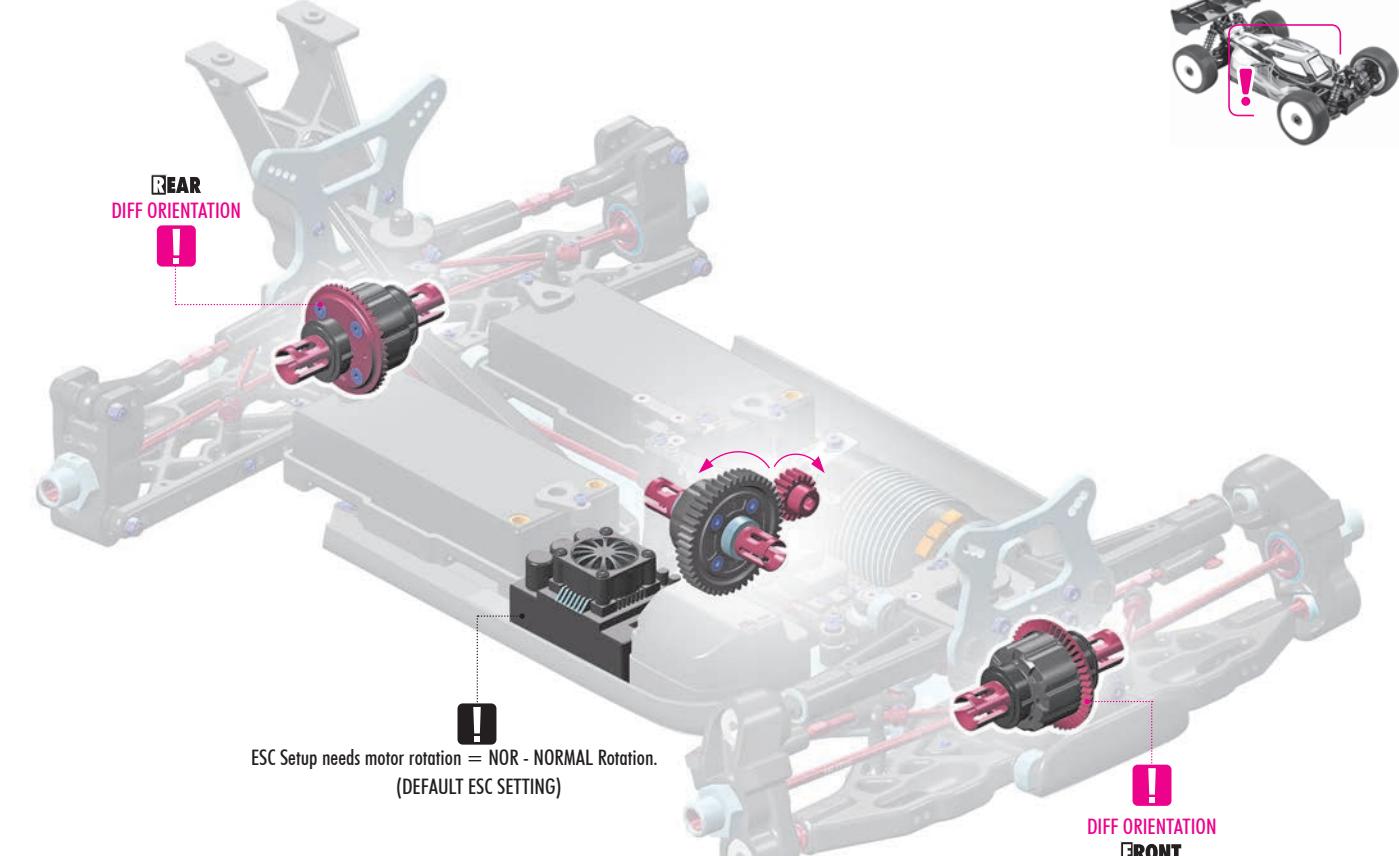
The XRAY XB8E chassis offers two options for mounting the front and rear differentials. To increase traction we recommend using the INITIAL setting, which requires configuring the ESC to rotate in the opposite direction of the motor.

ALTERNATIVE 1

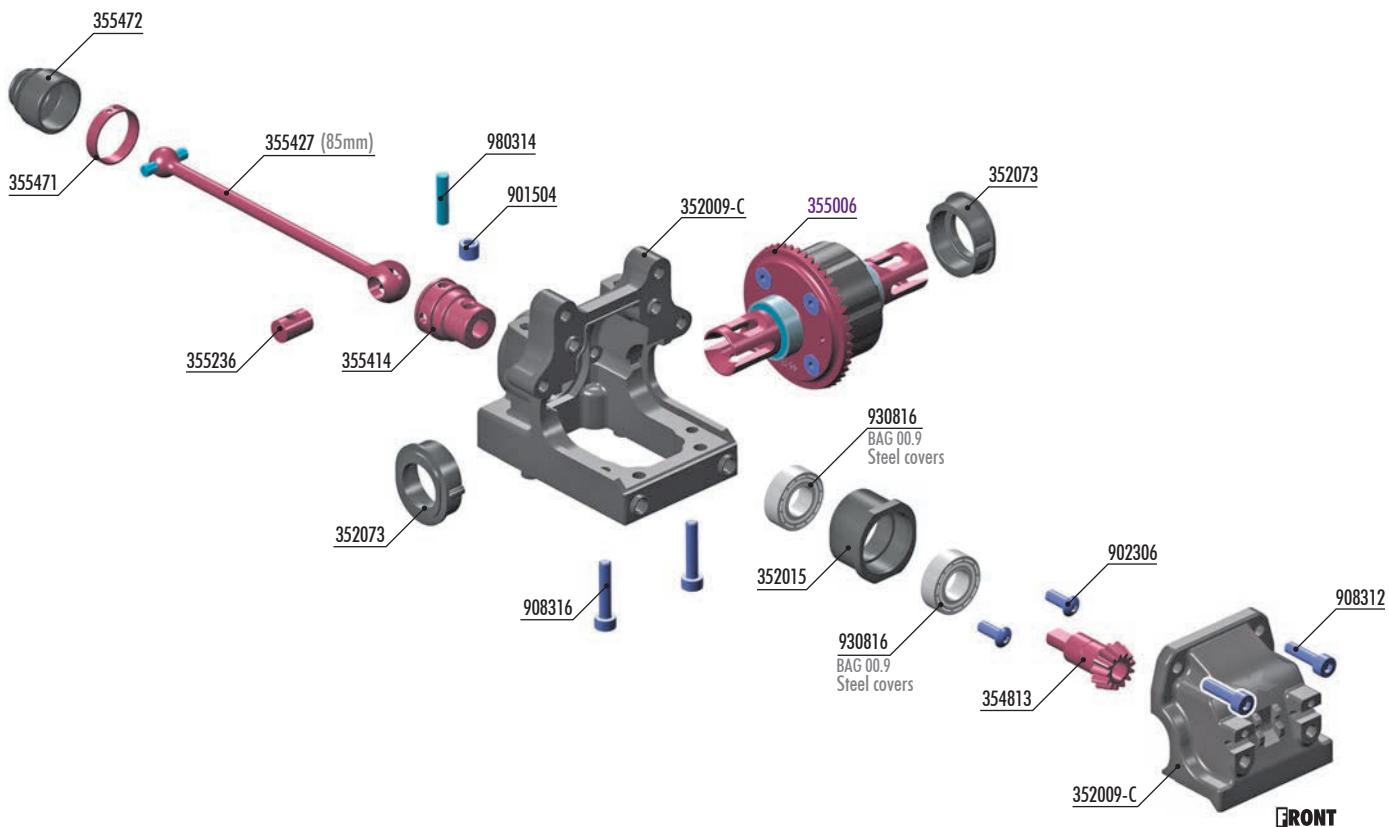
INITIAL SETTING



ALTERNATIVE 2



2. FRONT TRANSMISSION



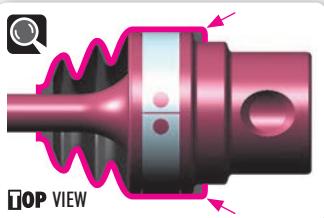
BAG

352009-C	SEMI-SPLIT DIFF BULKHEAD BLOCK SET FRONT/REAR FOR COLLAR	901504	HEX SCREW SB M5x4 (10)
352015	GEARBOX PINION HEIGHT INSERT (1+1)	902306	HEX SCREW SH M3x6 (10)
352073	GEARBOX DIFF HEIGHT INSERT (2+2)	908312	HEX SCREW SOCKET HEAD CAP SCH M3x12 (10)
354813	BEVEL DRIVE PINION GEAR 13T - MATCHED FOR 46T LARGE BEVEL GEAR	908316	HEX SCREW SOCKET HEAD CAP SCH M3x16 (10)
355236	CVD DRIVE SHAFT COUPLING - Hudy Spring Steel™	930816	BALL-BEARING 8x16x5 STEEL SEALED - GREASE (2)
355414	CENTRAL CVD SHAFT UNIVERSAL JOINT - Hudy Spring Steel™	980314	PIN 3x14 (10)
355427	FRONT CENTRAL CVD DRIVE SHAFT 85mm - Hudy Spring Steel™	355006	DIFFERENTIAL 46T - MATCHED FOR 13T PINION GEAR - SET
355471	DRIVE SHAFT LOCKING RING (2)		
355472	DRIVE SHAFT BOOT (2)		

Numbers in parentheses () refer to quantities when purchased separately.

2. FRONT TRANSMISSION

i
1x 980314
P 3x14



Apply oil from inside to prevent breakage of the rubber boot.
! 85mm - SHORT CVD DRIVE SHAFT

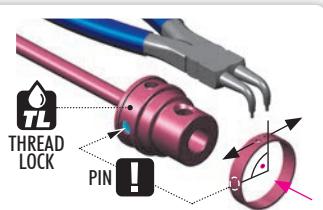
GRAPHITE GREASE GR

! 3x14mm

! NOTE ORIENTATION

STEP 4 DETAIL

The ring can be assembled by hand, but for easy disassembly we recommend using snap ring pliers.

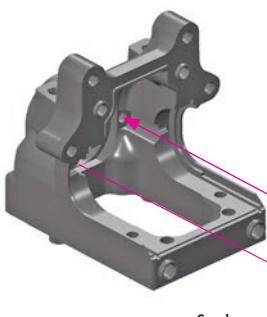


BEFORE inserting the clip on the central CVD shaft joint, apply a small amount of threadlock on the area where the clip goes.

AFTER inserting the clip on the central CVD shaft joint, turn the clip so that the slot is 90° from the pin. This will prevent the pin from opening the clip.

2x 902306
SH M3x6

1x 930816
BB 8x16x5
(Steel covers)



Steel covers

Inline hub for bevel drive gear positions.

LOWER CENTER UPPER

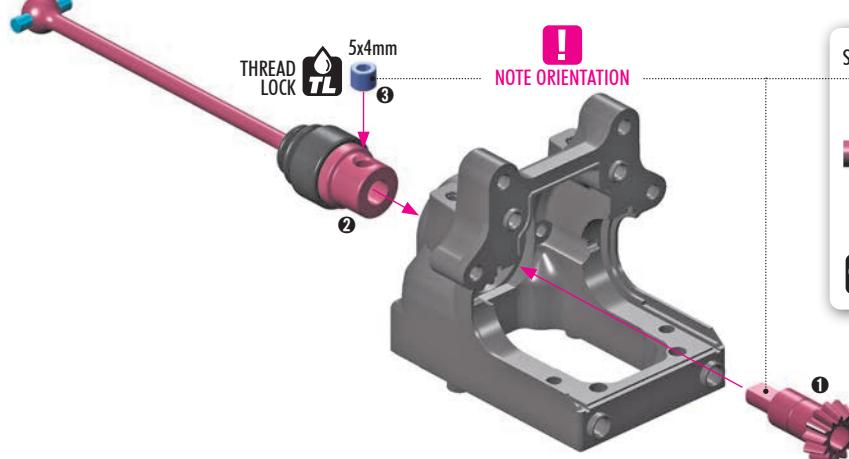


INITIAL
SETTING

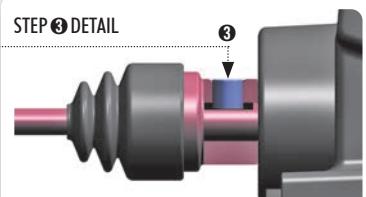


INITIAL
SETTING

1x 901504
SB M5x4



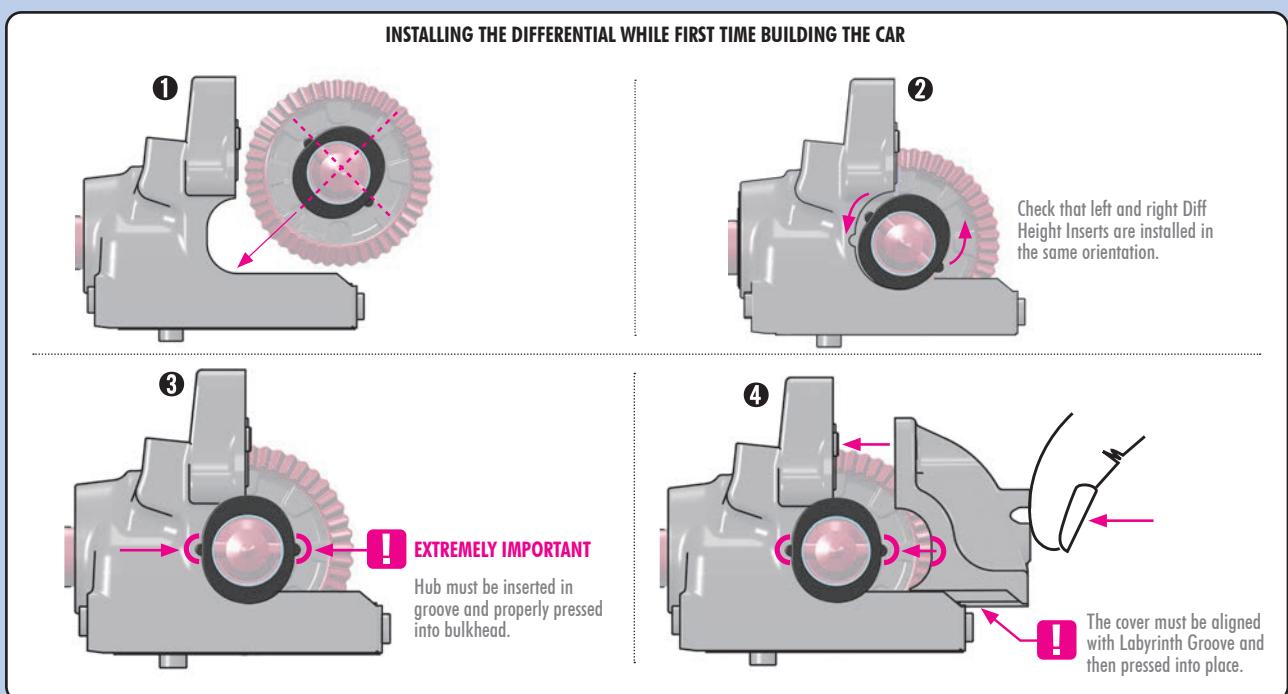
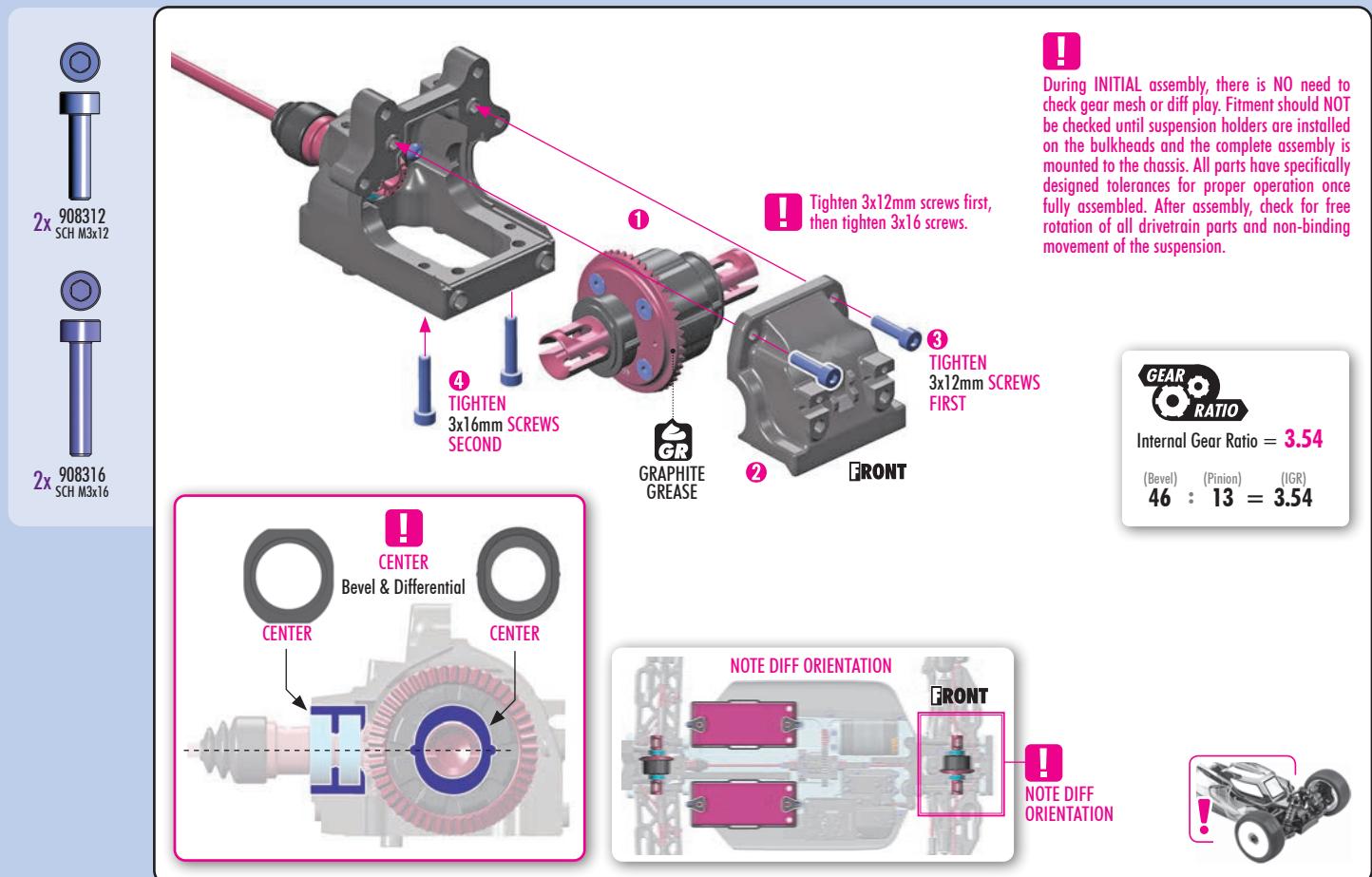
STEP 5 DETAIL



! Push joint against gear to remove gap.
Tighten setscrew onto gear flat spot.



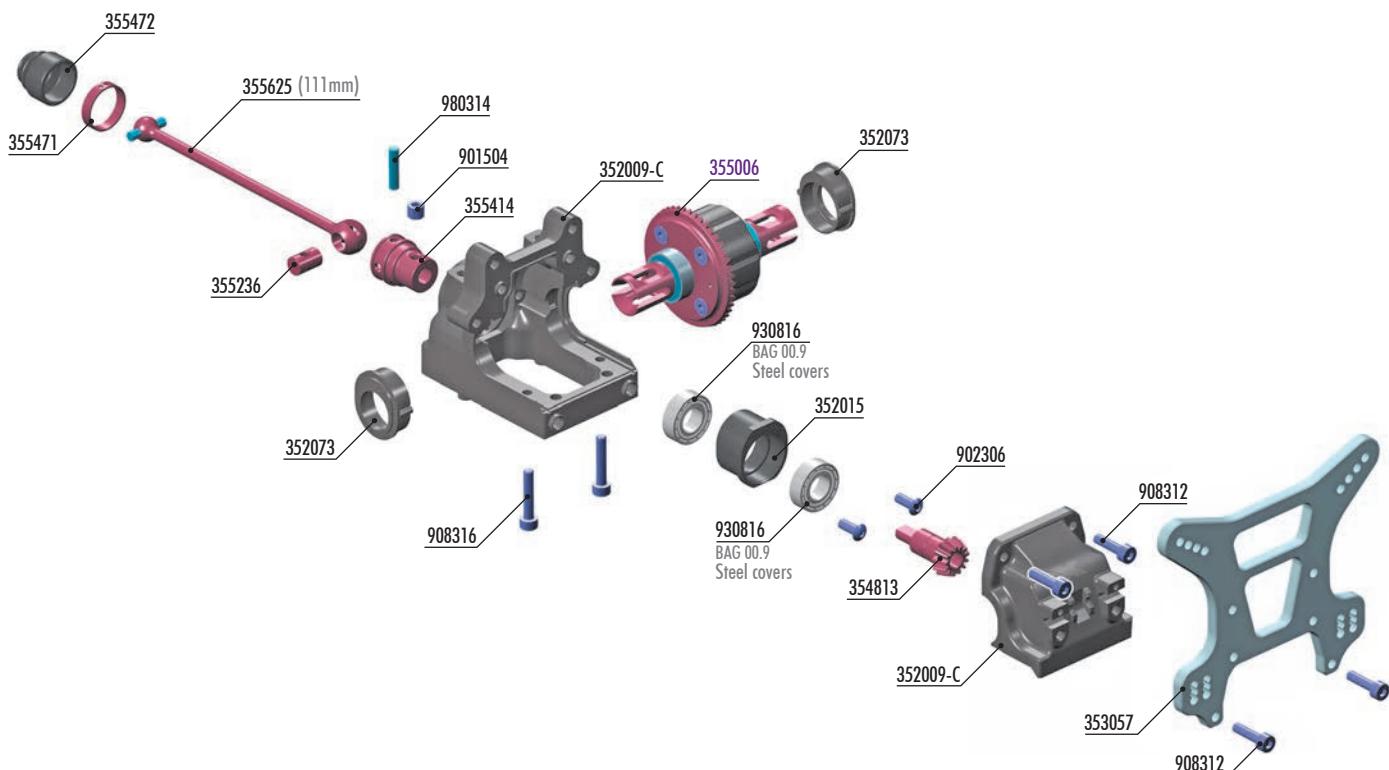
2. FRONT TRANSMISSION



2. REAR TRANSMISSION

 #354814 BEVEL DRIVE PINION GEAR 14T
OPTION
MATCHED FOR 46/13T LARGE BEVEL GEAR

 XRAY BALL-BEARINGS
OPTION
#930816 8x16x5 GREASE STEEL INCLUDED
#930817 8x16x5 OIL STEEL OPTION



 #355415 CENTRAL DOGBONE SHAFT UNIVERSAL JOINT - HUDY SPRING STEEL™ +
OPTION
#355635 REAR CENTRAL DOGBONE DRIVE SHAFT 111mm - HUDY SPRING STEEL™



BAG

02

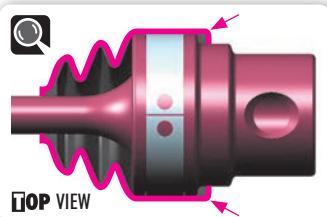
352009-C SEMI-SPLIT DIFF BULKHEAD BLOCK SET FRONT/REAR FOR COLLAR
352015 GEARBOX PINION HEIGHT INSERT (1+1)
352073 GEARBOX DIFF HEIGHT INSERT (2+2)
353057 ALU REAR SHOCK TOWER FOR SEMI-SPLIT BULKHEAD - LOWER
354813 BEVEL DRIVE PINION GEAR 13T - MATCHED FOR 46T LARGE BEVEL GEAR
355236 CVD DRIVE SHAFT COUPLING - HUDY SPRING STEEL™
355414 CENTRAL DOGBONE SHAFT UNIVERSAL JOINT - HUDY SPRING STEEL™
355471 DRIVE SHAFT LOCKING RING (2)
355472 DRIVE SHAFT BOOT (2)

355625 REAR CENTRAL CVD DRIVE SHAFT 111mm - HUDY SPRING STEEL™
901504 HEX SCREW SB M5x4 (10)
902306 HEX SCREW SH M3x6 (10)
908312 HEX SCREW SOCKET HEAD CAP SCH M3x12 (10)
908316 HEX SCREW SOCKET HEAD CAP SCH M3x16 (10)
930816 BALL-BEARING 8x16x5 STEEL SEALED - GREASE (2)
980314 PIN 3x14 (10)
355006 DIFFERENTIAL 46T - MATCHED FOR 13T PINION GEAR - SET

Numbers in parentheses () refer to quantities when purchased separately.

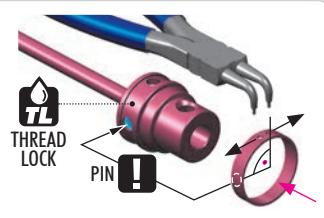
2. REAR TRANSMISSION

1x 980314
P 3x14



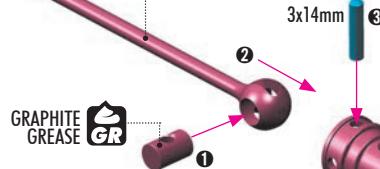
STEP 4 DETAIL

The ring can be assembled by hand, but for easy disassembly we recommend using snap ring pliers.



Apply oil from inside to prevent breakage of the rubber boot.

! 111mm - LONG CVD DRIVE SHAFT



! NOTE
ORIENTATION

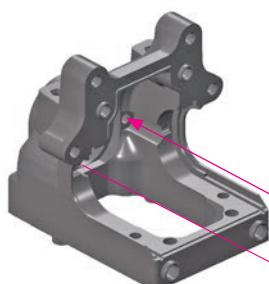
BEFORE inserting the clip on the central CVD shaft joint, apply a small amount of threadlock on the area where the clip goes.

AFTER inserting the clip on the central CVD shaft joint, turn the clip so that the slot is 90° from the pin. This will prevent the pin from opening the clip.

1x 902306
SH M3x6



2x 930816
BB 8x16x5
(Steel covers)



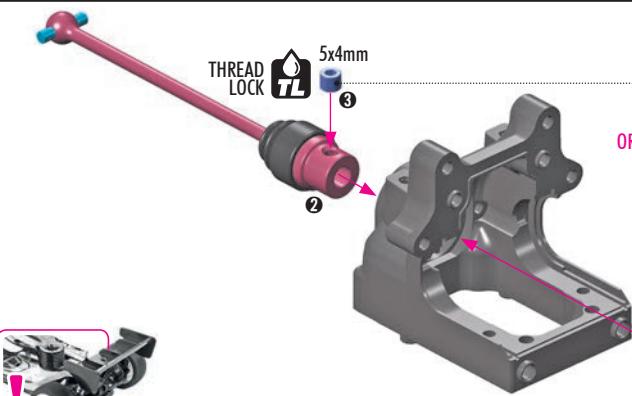
Inline hub for bevel drive gear positions.



! INITIAL
SETTING



1x 901504
SB M5x4



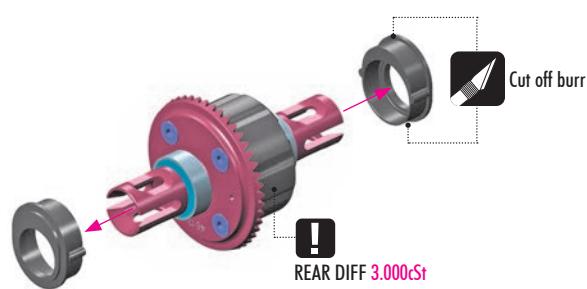
! NOTE
ORIENTATION

STEP 5 DETAIL



! Push joint against gear to remove gap.
Tighten setscrew onto gear flat spot.

Ball-bearing hub positions



! REAR DIFF 3.000St

2. REAR TRANSMISSION



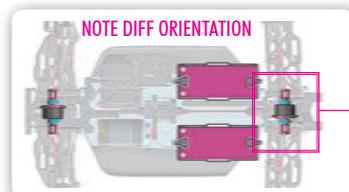
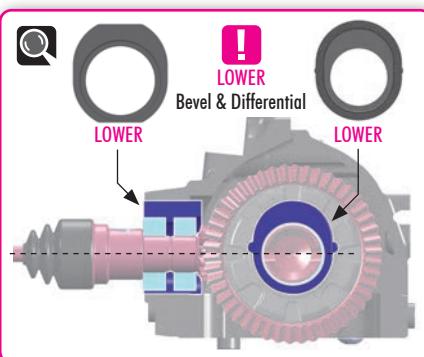
2x 908312
SCH M3x12



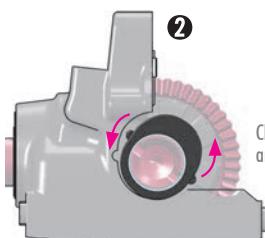
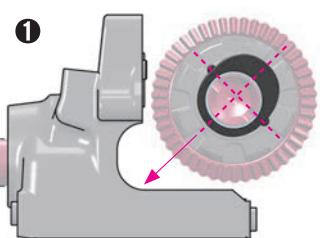
2x 908316
SCH M3x16

! Tighten 3x12mm screws first, then tighten 3x16 screws.

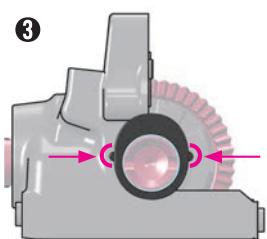
! During INITIAL assembly, there is NO need to check gear mesh or diff play. Fitment should NOT be checked until suspension holders are installed on the bulkheads and the complete assembly is mounted to the chassis. All parts have specifically designed tolerances for proper operation once fully assembled. After assembly, check for free rotation of all drivetrain parts and non-binding movement of the suspension.



INSTALLING THE DIFFERENTIAL WHILE FIRST TIME BUILDING THE CAR

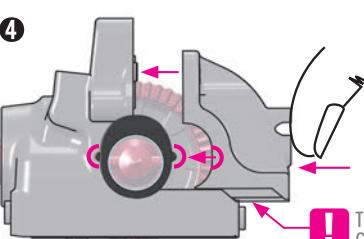


Check that left and right Diff Height Inserts are installed in the same orientation.



! EXTREMELY IMPORTANT

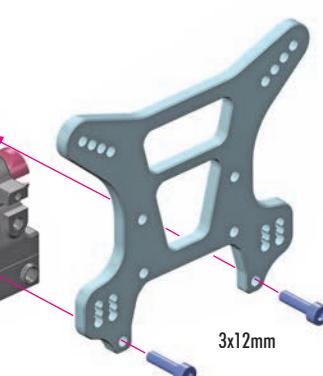
Hub must be inserted in groove and properly pressed into bulkhead.



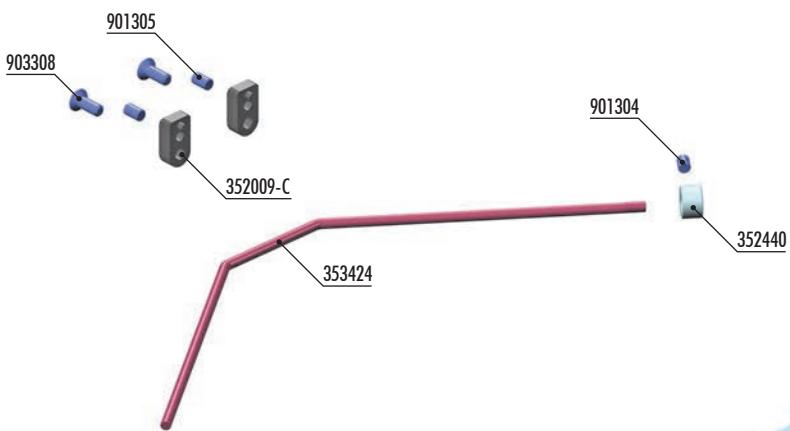
! The cover must be aligned with Labyrinth Groove and then pressed into place.



2x 908312
SCH M3x12



3. REAR SUSPENSION



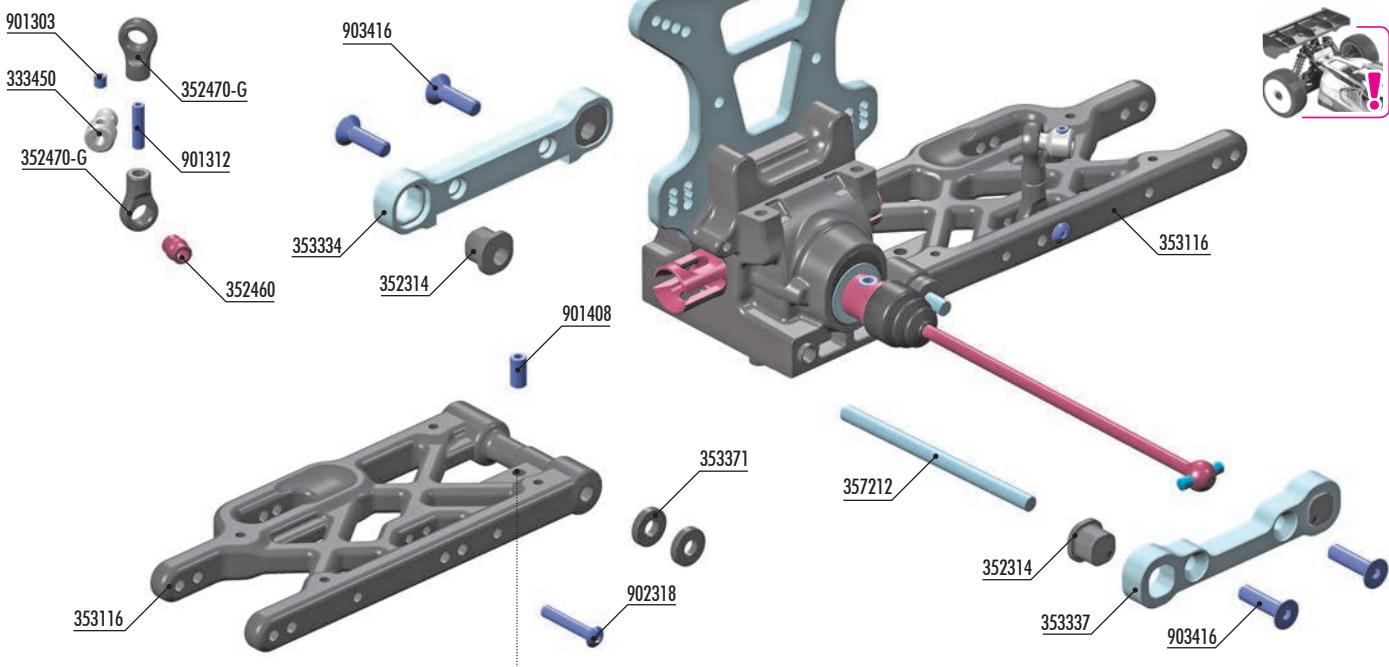
	FLAT - REAR SUSP ARMS		
#353115	MEDIUM	OPTION	
#353116	HARD	INCLUDED	
#353116-XH	X-HARD	OPTION	
#353116-G	GRAPHITE	OPTION	



OPTION	FLAT - REAR SUSP. ARMS - SHORT		
	#353127-H	HARD	OPTION
	#353127-XH	X-HARD	OPTION
	#353127-G	GRAPHITE	OPTION



	LSM - REAR SUSPENSION ARMS		
	#353124-H	HARD (R)	OPTION
	#353125-H	HARD (L)	OPTION
	#353124-G	GRAPHITE (R)	OPTION
	#353125-G	GRAPHITE (L)	OPTION



 #902407
HEX SCREW SH M4x7 WITH HEX FROM BOTTOM (4)



#333451 ALU ANTI-ROLL BAR PIVOT BALL 5.8mm - SWISS 7075 T6 - HARDCOATED (2)



REAR ANTI-ROLL BARS		
	#353420	ø2.0mm
	#353422	ø2.2mm
	#353424	ø2.4mm
	#353425	ø2.5mm
	#353426	ø2.6mm
	#353428	ø2.8mm
	#353430	ø3.0mm
	#353432	ø3.2mm

BAG

03

333450	ANTI-ROLL BAR BALL JOINT 5.8mm (2)
352009-C	SEMI-SPLIT DIFF BULKHEAD BLOCK SET FRONT/REAR FOR COLLAR
352314	COMPOSITE ECCENTRIC BUSHINGS - V2 (2)
352440	ALU ANTI-ROLL BAR COLLAR 3.5x7.8x4.9mm
352460	PIVOT BALL 5.8 (10)
352470-G	COMPOSITE BALL JOINT 5.8 - GRAPHITE (8)
353116	COMPOSITE REAR LOWER SUSPENSION ARM - HARD
353334	ALU REAR LOWER SUSP. HOLDER FOR SEMI-SPLIT BULKHEAD - REAR
353337	ALU REAR EXTRA LOWER SUSP. HOLDER FOR SEMI-SPLIT BULKHEAD - FRONT
353371	SET OF COMPOSITE LOWER ARM SHIMS
353424	REAR ANTI-ROLL BAR 2.4mm
357212	LOWER INNER PIVOT PIN F+R (2)

901303	HEX SCREW SB M3x3 (10)
901304	HEX SCREW SB M3x4 (10)
901305	HEX SCREW SB M3x5 (10)
901312	HEX SCREW SB M3x12 (10)
901408	HEX SCREW SB M4x8 (10)
902318	HEX SCREW SH M3x18 (10)
903308	HEX SCREW SFH M3x8 (10))
903416	HEX SCREW SFH M4x16 (10))

Numbers in parentheses () refer to quantities when purchased separately.

3. REAR SUSPENSION

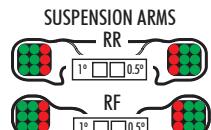


4x 353371
SHIM 4x10x2

2x 901408
SB M4x8

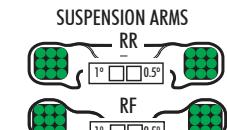


MEDIUM SUSPENSION ARMS



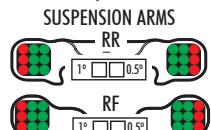
DO NOT use INNER positions.

HARD SUSPENSION ARMS



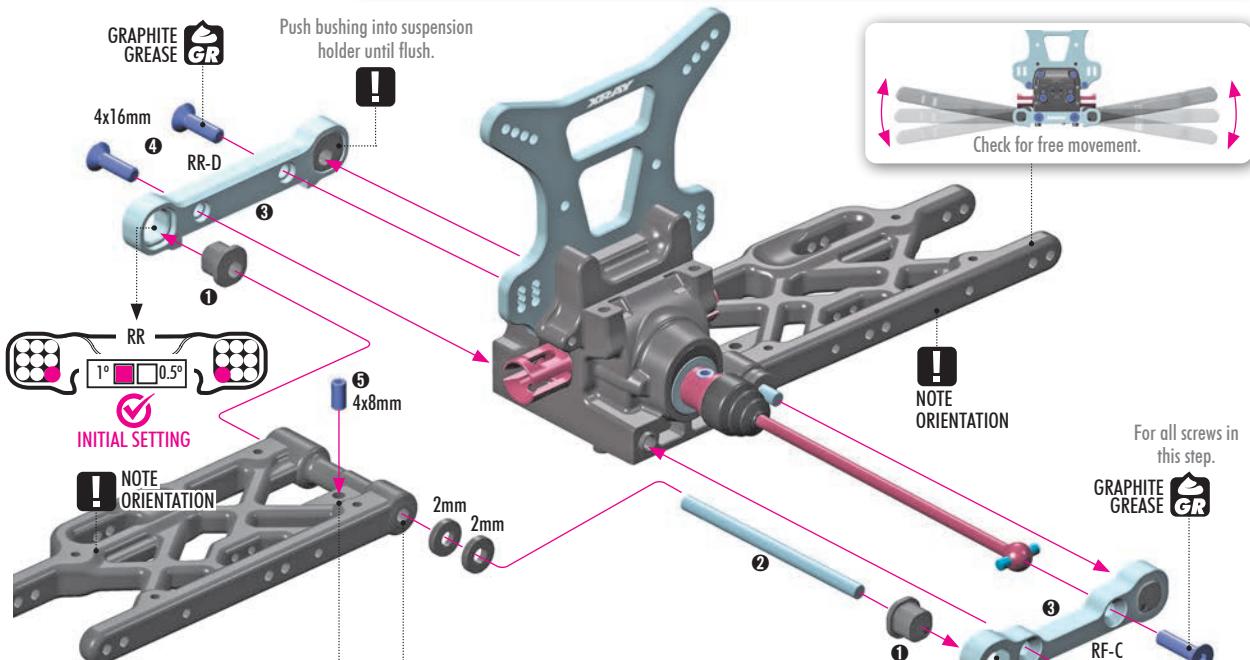
DO NOT use INNER positions.

X-HARD / GRAPHITE SUSPENSION ARMS



DO NOT use OUTER positions.

Push bushing into suspension holder until flush.



TOP DOWNSTOP SETTING
BOTTOM 2.0mm

#902407
OPTION HEX SCREW SH M4x7
WITH HEX FROM
BOTTOM (4)

Downstop screw
for fine tuning.

#902409
OPTION HEX SCREW SH M4x10 WITH HEX FROM
BOTTOM (4)



TIP

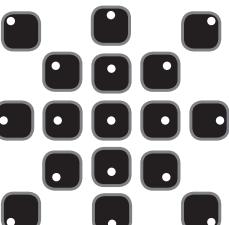
If the suspension arms DO NOT move freely, use a HUDDY Arm Reamer to resize the holes.

(HUDDY #107644)



INITIAL SETTING

All possible mounting
alternatives of eccentric bushings.



ECCENTRIC BUSHINGS HAVE TWO DIFFERENT OFFSETS FROM THE CENTER.



Middle position = 0.5 mm or 0.5° from center.



Outer position = 1mm or 1° from center.

SET-UP BOOK
TOE-IN
ANTI-SQUAT
ROLL CENTER DOWNSHIFT
WHEELBASE
TRACK WIDTH

The XRAY rear alu lower suspension holders provide even greater range of adjustment for the rear suspension. Using different combinations of eccentric bushings, fine adjustment of rear anti-squat, rear toe-in, rear roll center, and rear track-width can be obtained. For more information about the influence of rear anti-squat, rear toe-in, rear roll center and rear track width on car handling, please refer to HUDDY Off-Road Set-up Book (#209099).

ANTI-SQUAT		
RR	RF	(°)
0	0	= 1°
0	0	= 2°
0	0	= 0°
0	0	= -2°
0	0	= -1°
0	0	= 3°
0	0	= 0°
0	0	= 1°
0	0	= -1°

ROLL CENTER		
RR	RF	(mm)
0	0	= 0mm
0	0	= 1mm
0	0	= -1mm

TRACK-WIDTH		
RR	RF	(mm)
0	0	= 308
0	0	= 306
0	0	= 310

TOE-IN		
RR	RF	(°)
0	0	= 3°
0	0	= 4°
0	0	= 2°
0	0	= 3°
0	0	= 1°
0	0	= 4°
0	0	= 5°
0	0	= 3°

The tables describe the amounts of rear anti-squat, rear toe-in, rear track-width change depending on the combinations of eccentric bushings used with 0 and 1mm, 1° offset. The 0.5mm, 0.5° represents the half change.

Anti-Squat Example:

$$0(RR) - 0(RF) = 1°$$

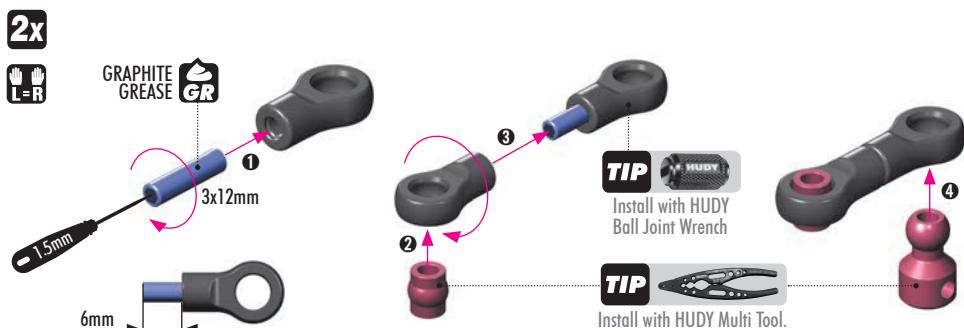
$$0(RR) - 0.5(RF) = 1.5°$$

$$0(RR) - 1(RF) = 2°$$



3. REAR SUSPENSION

2x
GRAPHITE GREASE GR
901312 SB M3x12



1x
901304 SB M3x4

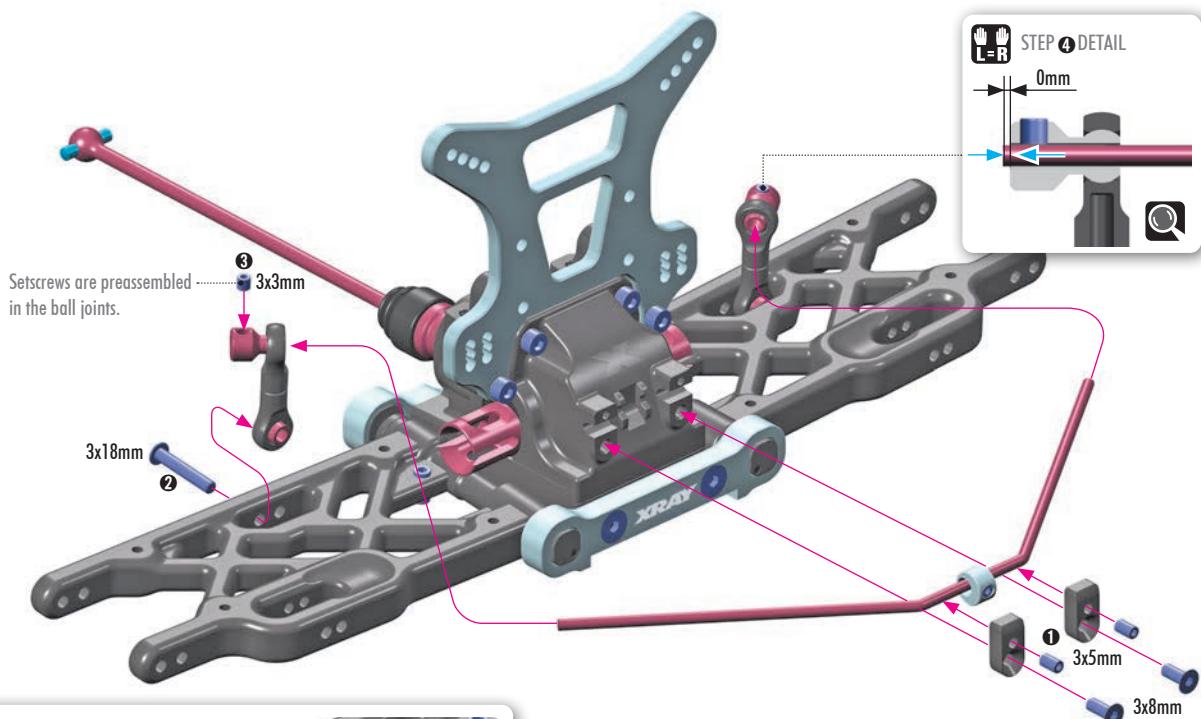


2x
901303 SB M3x3

1x
901305 SB M3x5

2x
902318 SH M3x18

2x
903308 SFH M3x8



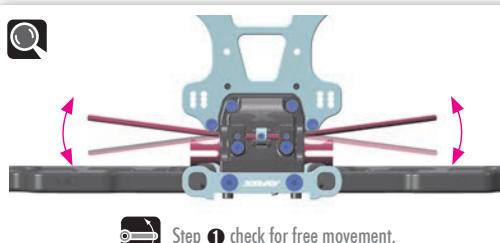
INITIAL SETTING



REAR ANTI-ROLL BARS

OPTION	Ø	OPTION
#353420	Ø2.0mm	OPTION
#353422	Ø2.2mm	OPTION
#353424	Ø2.4mm	INCLUDED
#353425	Ø2.5mm	OPTION
#353426	Ø2.6mm	OPTION
#353428	Ø2.8mm	OPTION
#353430	Ø3.0mm	OPTION
#353432	Ø3.2mm	OPTION

SET-UP
BOOK
ANTI-ROLL BAR

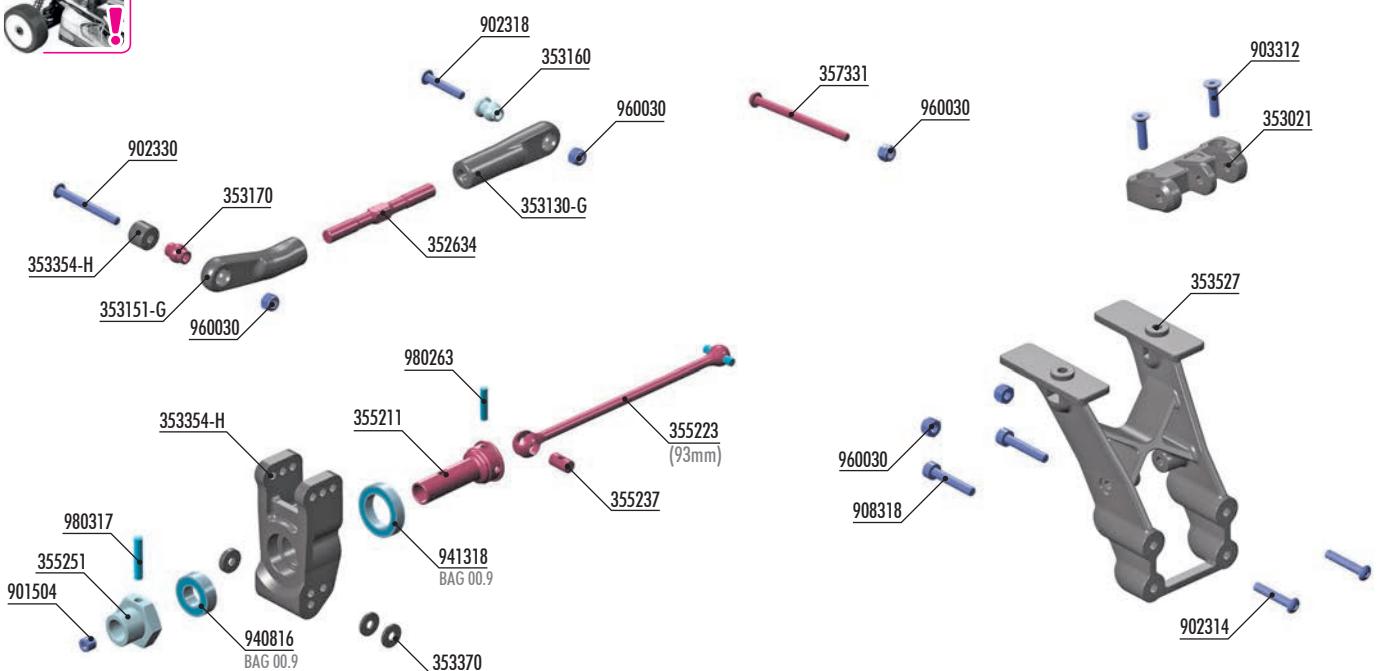


Loosen the 3x5mm setscrew if the anti-roll bar DOES NOT turn freely.



Step 1

4. REAR SUSPENSION



OFFSET WHEEL AXLES

#355250	0mm	OPTION
#355251	+1mm	INCLUDED
#355252	+2mm	OPTION
#355253	+3mm	OPTION
#355254	+4mm	OPTION



UNIVERSAL DRIVE SHAFT - HUDY SPRING STEEL™



CVD ADJUSTABLE DRIVE AXLE - HUDY SPRING STEEL™



REAR UPRIGHTS

#353354	MEDIUM	OPTION
#353354-H	HARD	INCLUDED
#353354-G	GRAPHITE	OPTION
#350912	ALU-SET	OPTION

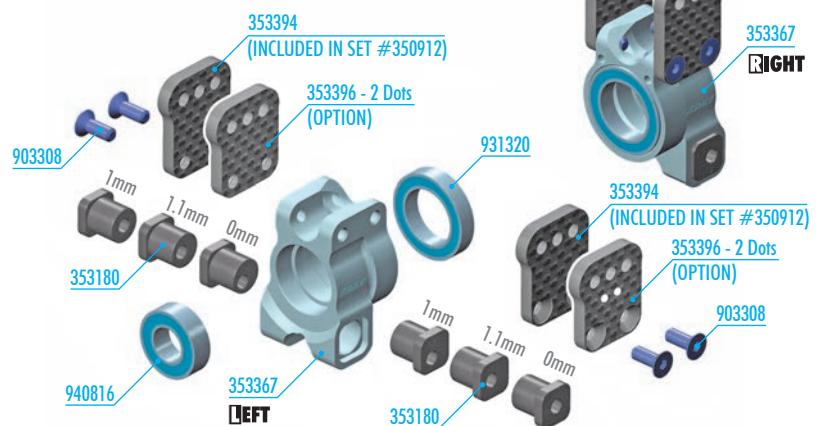


XRAY BALL-BEARINGS

#930816	8x16x5	GREASE	STEEL	OPTION
#940816	8x16x5	GREASE	RUBBER	INCLUDED
#931318	13x19x4	GREASE	STEEL	OPTION
#941318	13x19x4	GREASE	RUBBER	INCLUDED
#930817	8x16x5	OIL	STEEL	OPTION
#940817	8x16x5	OIL	RUBBER	OPTION
#931319	13x19x4	OIL	STEEL	OPTION
#941319	13x19x4	OIL	RUBBER	OPTION



#350912 XB8 REAR UPRIGHTS - MULTI-ADJUSTABLE - SET INCLUDING #353394 CARBON EXTENSION



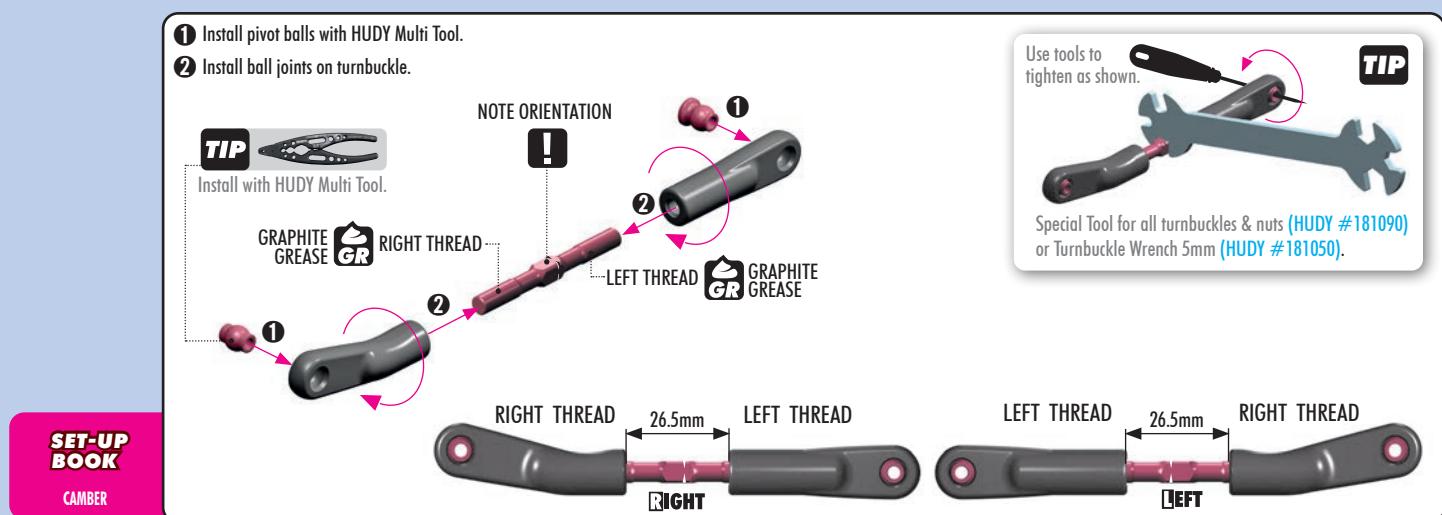
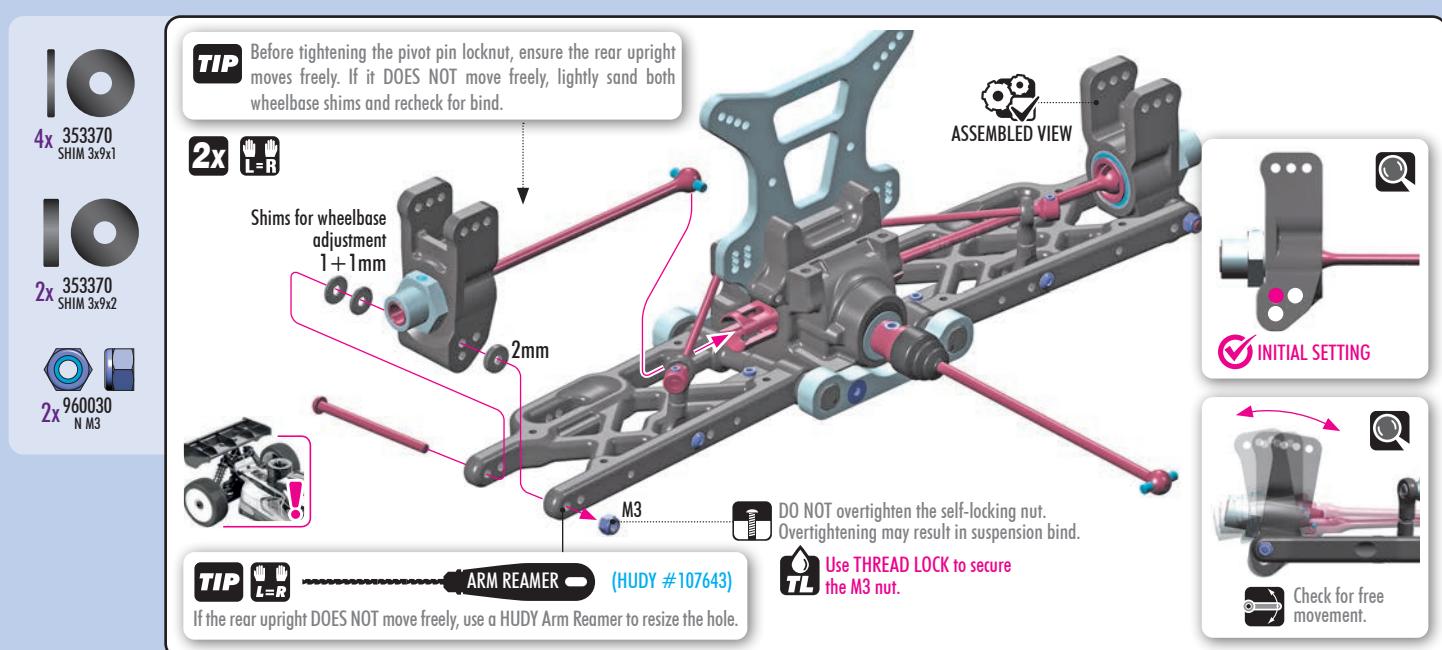
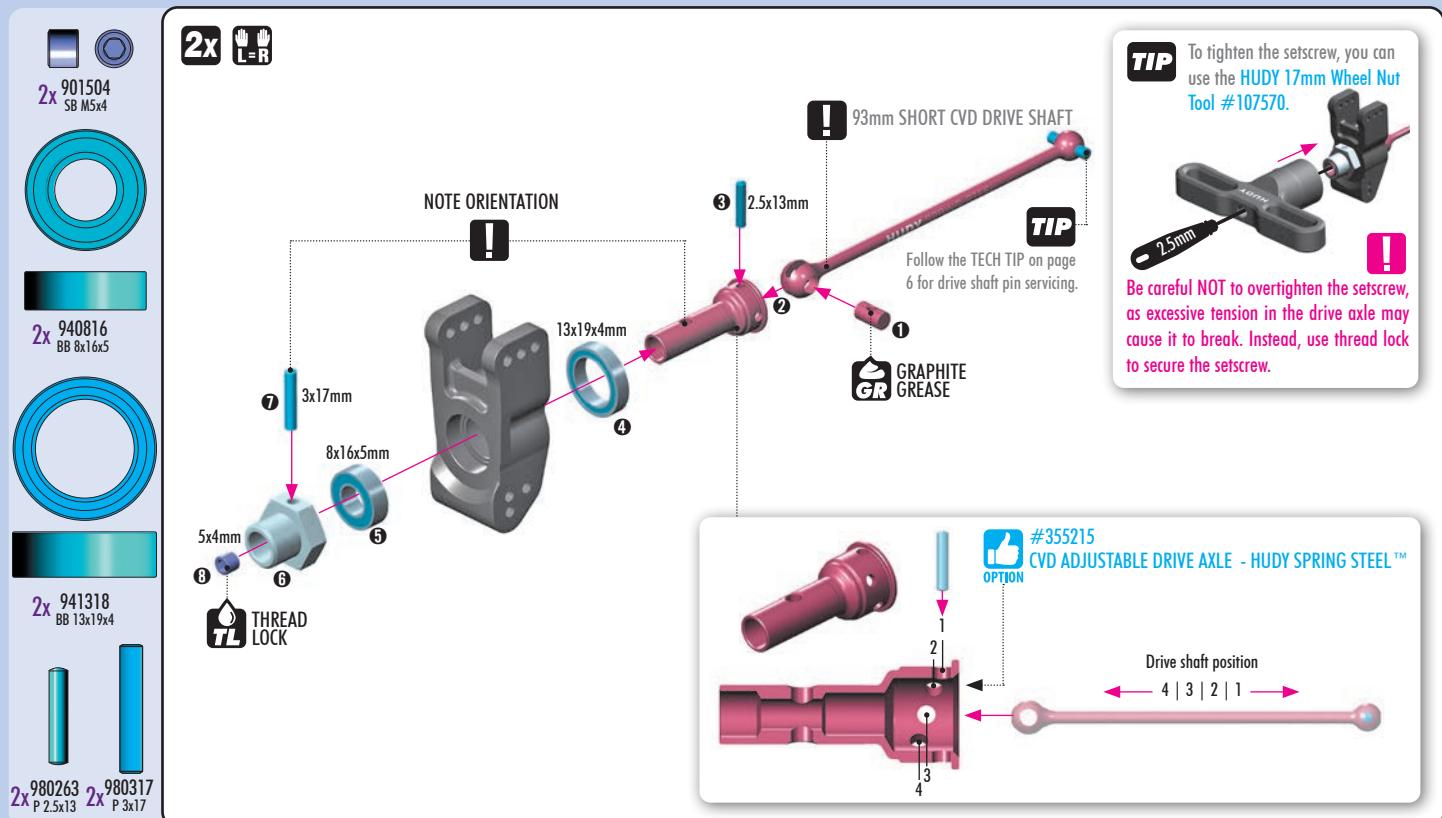
04

352634 ADJ. TURNBUCKLE M5 L/R 50mm - HUDY SPRING STEEL™ (2)
 353021 COMPOSITE REAR BRACE HOLDER WITH TWO ASSEMBLY POSITIONS
 353130-G REAR UPPER INNER CAMBER LINK BALL JOINT - GRAPHITE (2)
 353151-G RELIEF REAR UPPER OUTER CAMBER LINK BALL JOINT - GRAPHITE (2)
 353160 MOUNTING BALL 6.8 (4)
 353170 PIVOT BALL 6.8 (4)
 353354-H COMPOSITE REAR UPRIGHT - HARD
 353370 SET OF COMPOSITE REAR HUB CARRIER SHIMS
 353527 COMPOSITE REAR WING HOLDER - EXTENDED SUPPORT AREA
 355211 CVD DRIVE AXLE - HUDY SPRING STEEL™
 355223 CVD UNIVERSAL DRIVE SHAFT 93mm - HUDY SPRING STEEL™
 355237 CVD DRIVE SHAFT COUPLING - HUDY SPRING STEEL™
 355251 ALU WHEEL AXLE OFFSET "+1mm" - BLACK COATED (2)

357331 REAR LOWER OUTER PIVOT PIN SCREW 3mm (2)
 901504 HEX SCREW SB M5x4 (10)
 902314 HEX SCREW SH M3x14 (10)
 902318 HEX SCREW SH M3x18 (10)
 902330 HEX SCREW SH M3x30 (10)
 903312 HEX SCREW SFH M3x12 (10)
 908318 HEX SCREW SOCKET HEAD CAP SCH M3x18 (10)
 940816 BALL-BEARING 8x16x5 RUBBER SEALED - GREASE (2)
 941318 BALL-BEARING 13x19x4 RUBBER SEALED - GREASE (2)
 960030 NUT M3 (10)
 980263 PIN 2.5x13 (10)
 980317 PIN 3x17 (10)

Numbers in parentheses () refer to quantities when purchased separately.

4. REAR SUSPENSION



4. REAR SUSPENSION



2x 353354-H
SHIM 3x9x7



2x 902318
SH M3x18



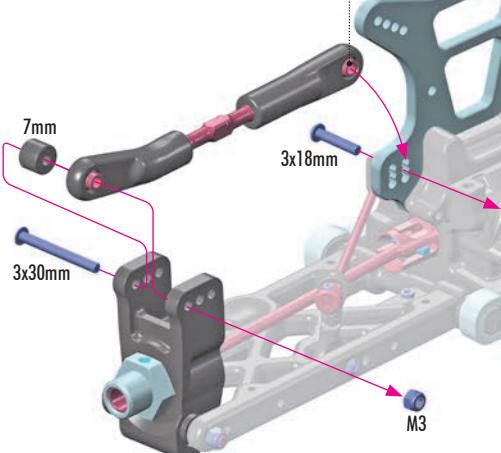
2x 902330
SH M3x30



4x 960030
N M3

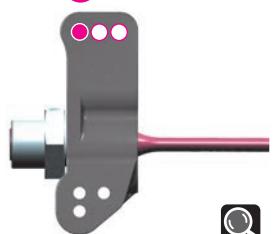
2x L=R

PIVOT BALL
NOTE ORIENTATION



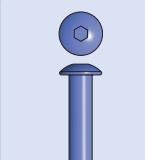
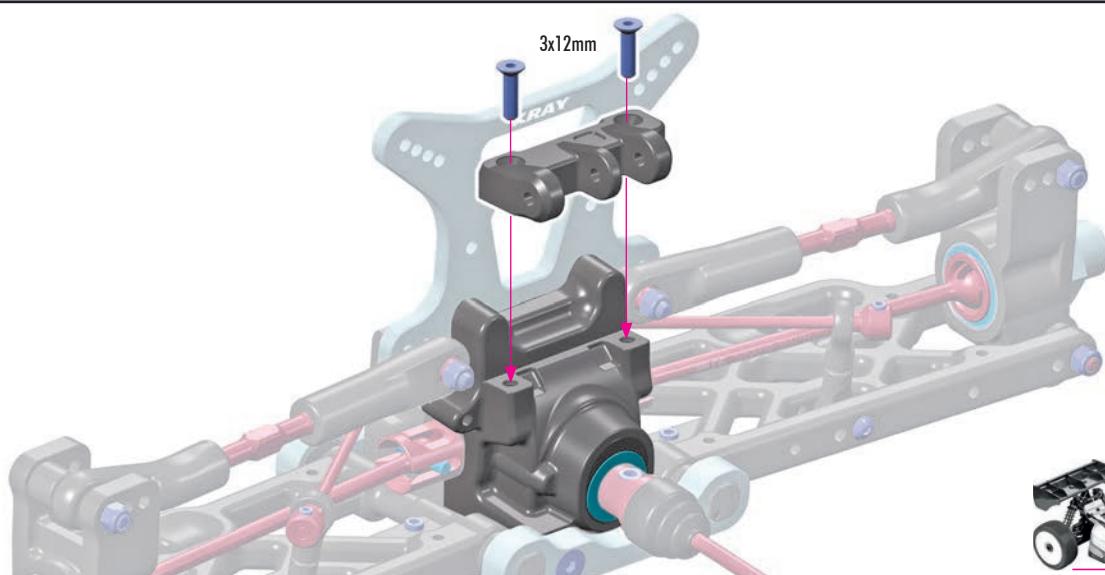
L=R

INITIAL SETTING



2x 903312
SFH M3x12

3x12mm



2x 902314
SH M3x14



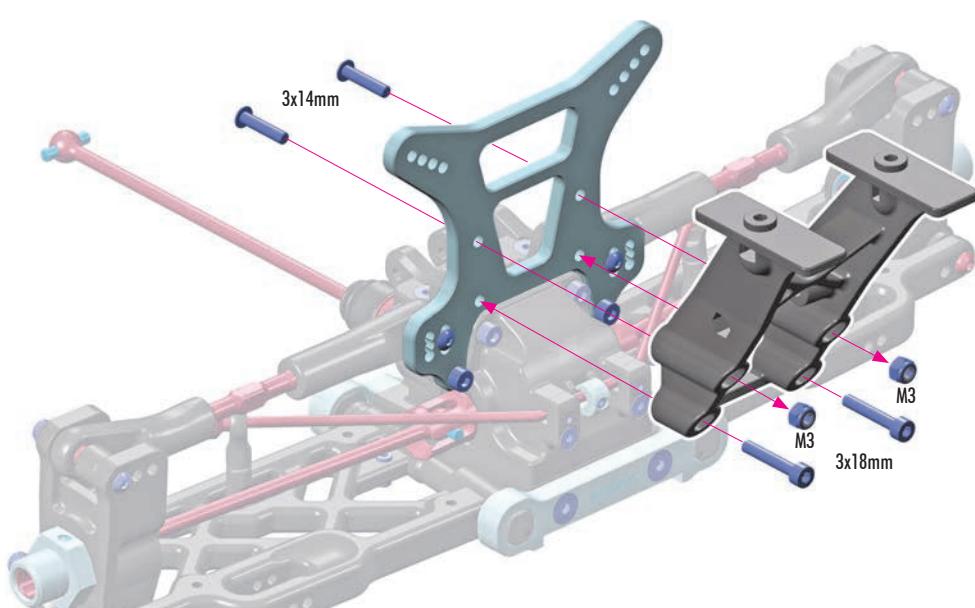
2x 908318
SCH M3x18



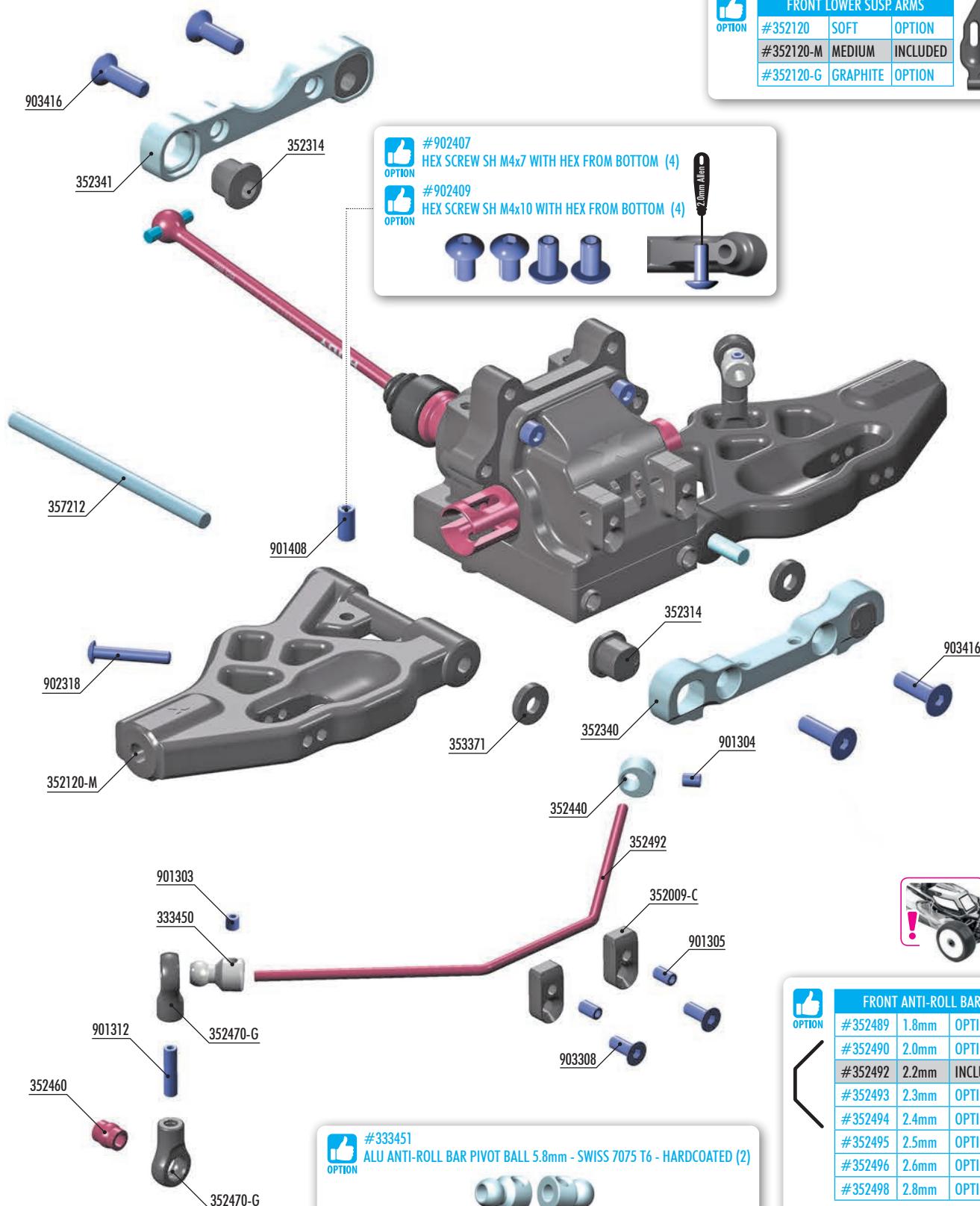
2x 960030
N M3

3x14mm

M3
3x18mm



5. FRONT SUSPENSION



BAG	333450	ANTI-ROLL BAR BALL JOINT 5.8mm (2)	357212	LOWER INNER PIVOT PIN F+R (2)
05	352009-C	SEMI-SPLIT DIFF BULKHEAD BLOCK SET FRONT/REAR FOR COLLAR	901303	HEX SCREW SB M3x3 (10)
	352120-M	COMPOSITE FRONT LOWER SUSPENSION ARM - MEDIUM	901304	HEX SCREW SB M3x4 (10)
	352314	COMPOSITE SQUARE ADJ. ROLL CENTER BUSHINGS - V2 (2)	901305	HEX SCREW SB M3x5 (10)
	352340	ALU FRONT LOWER SUSP. HOLDER FOR SEMI-SPLIT BULKHEAD - FRONT	901312	HEX SCREW SB M3x12 (10)
	352341	ALU FRONT LOWER SUSP. HOLDER FOR SEMI-SPLIT BULKHEAD - REAR	901408	HEX SCREW SB M4x8 (10)
	352440	ALU ANTI-ROLL BAR COLLAR 3.5x7.8x4.9mm (2)	902318	HEX SCREW SH M3x18 (10)
	352460	PIVOT BALL 5.8 (10)	903308	HEX SCREW SFH M3x8 (10)
	352470-G	COMPOSITE BALL JOINT 5.8 - GRAPHITE (8)	903416	HEX SCREW SFH M4x16 (10)
	352492	FRONT ANTI-ROLL BAR 2.4mm		
	353371	SET OF COMPOSITE LOWER ARM SHIMS		

Numbers in parentheses () refer to quantities when purchased separately.

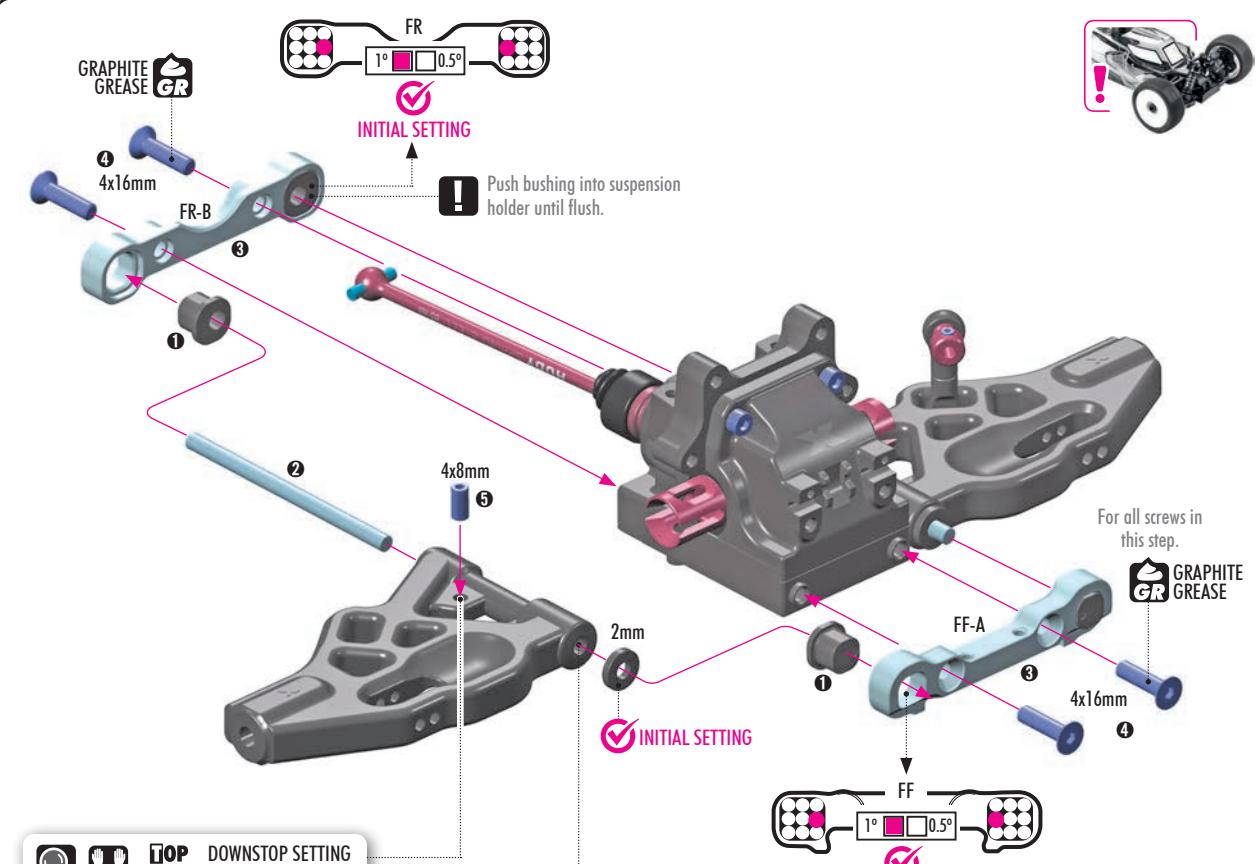
5. FRONT SUSPENSION

10

2x 353371
SHIM 4x10x2

2x 901408
SB M4x8

4x 903416
SFH M4x16

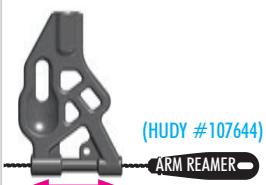


#902407
HEX SCREW SH M4x7
OPTION WITH HEX FROM
BOTTOM (4)

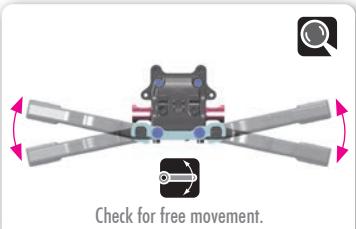
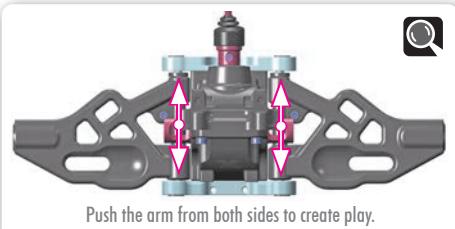
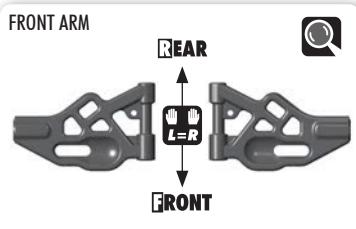
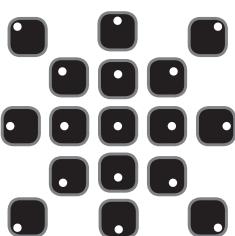
Downstop screw
for fine tuning.

#902409
HEX SCREW SH M4x10 WITH HEX
FROM BOTTOM (4)

TIP If suspension arms DO NOT pivot freely after checking eccentric bushings, a HUDY arm reamer can eliminate any remaining bind.



All possible mounting alternatives
of eccentric bushings.



Eccentric bushings have two different offsets from the center.

- Middle position = 0.5 mm or 0.5° from center
- Outer position = 1mm or 1° from center

The XRAY alu front lower suspension holders provide even greater range of adjustment for the front suspension. Using different combinations of eccentric bushings, fine adjustment of front kick-up, roll center, and front track-width can be obtained. For more information about the influence of kick-up, front track-width, and roll centers on car handling, please refer to HUDY Off-Road Set-up Book (#209099).

FF	FR	(mm)
0	0.5	=308
0.5	0	=306
1	0.5	=310*

FF	FR	(mm)
0	0.5	=1
0.5	0	=0
1	0.5	=-1

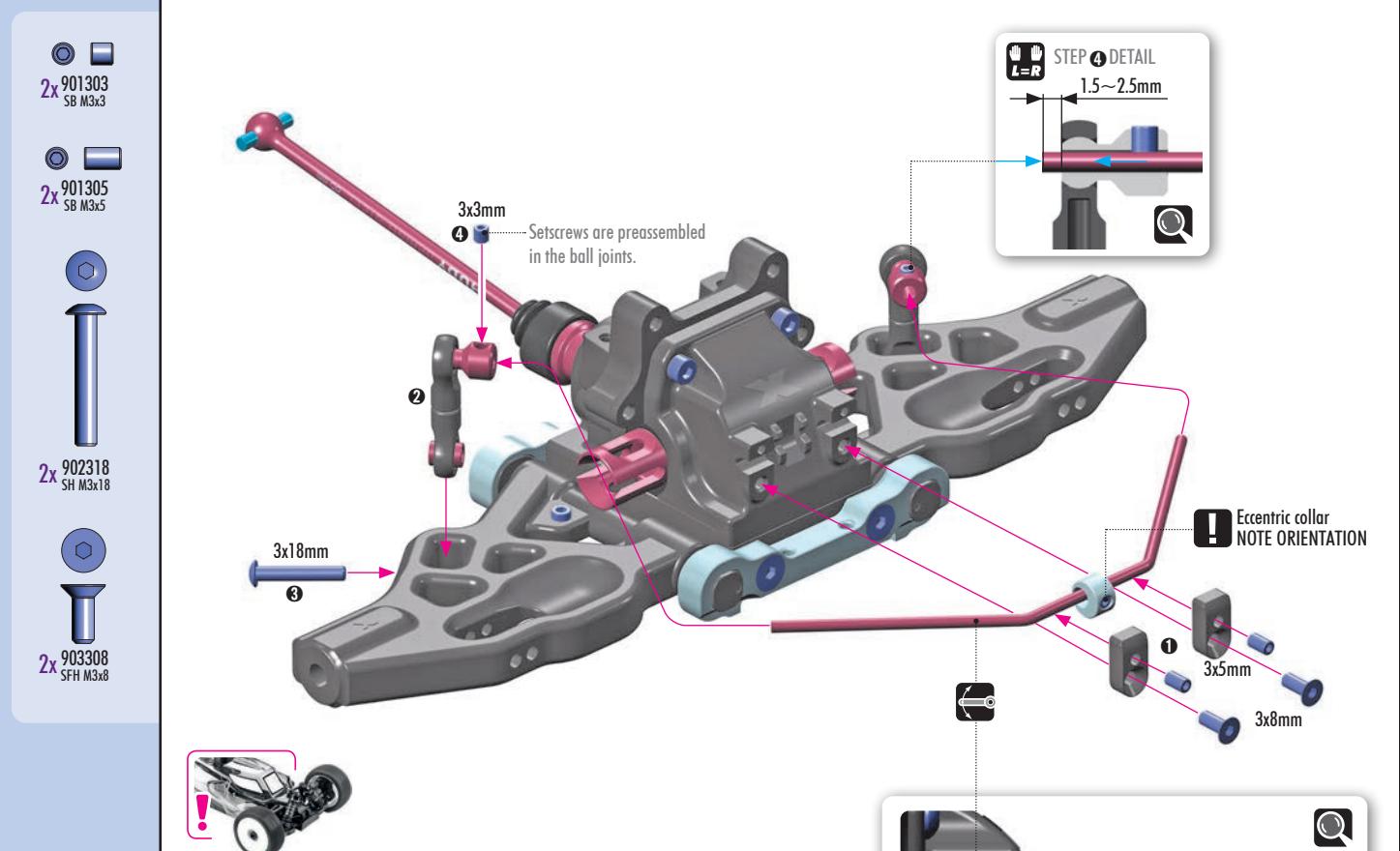
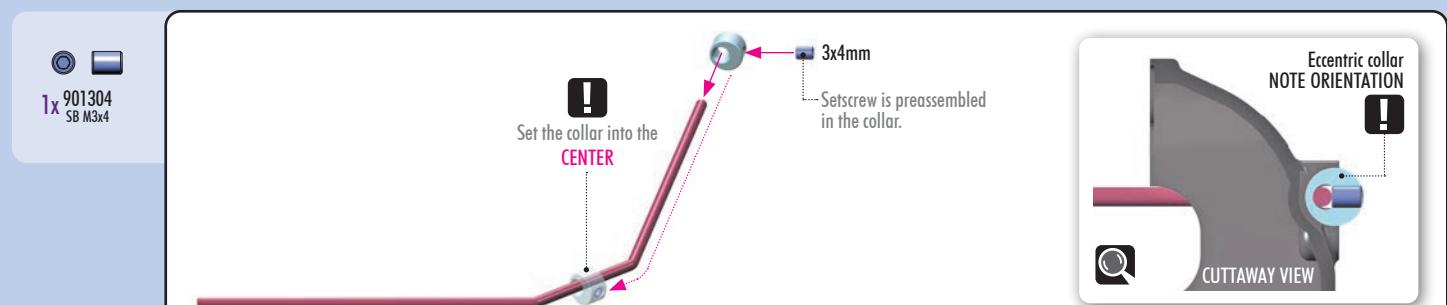
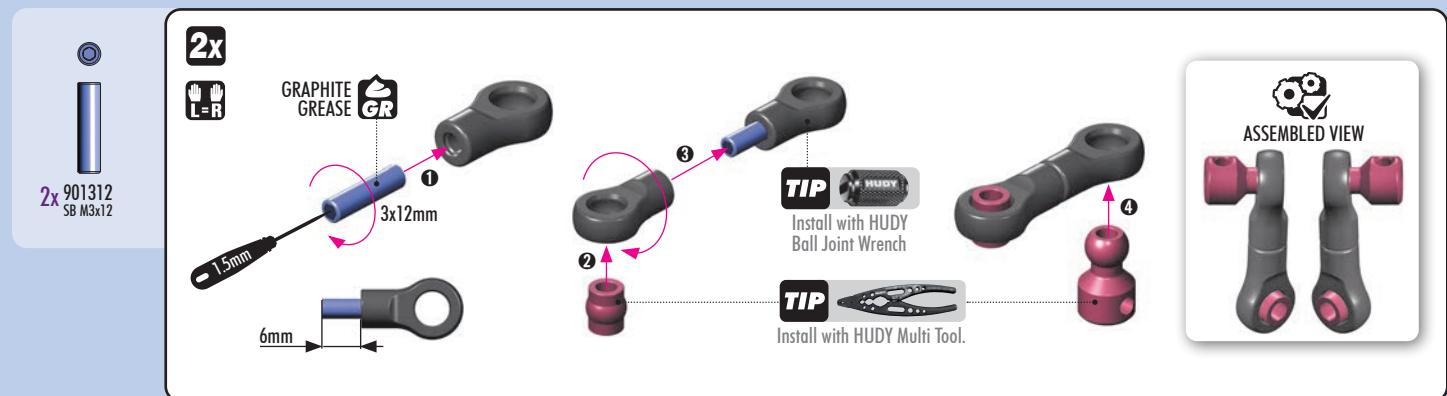
The tables above describe the changes to kick-up and front track width when using the 0 and 1mm/1deg offset bushings. The .5mm/.5deg bushings reduce setting changes by half.

* NOT recommended to use this setting.

**SET-UP
BOOK**

KICK UP
ROLL CENTER DOWNSTOP
WHEELBASE
TRACK WIDTH

5. FRONT SUSPENSION



FRONT ANTI-ROLL BARS

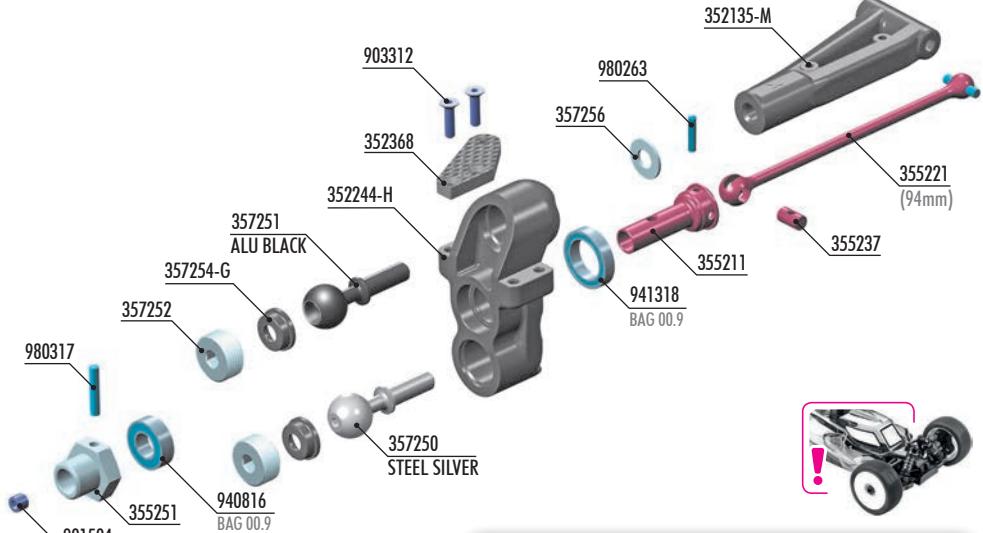
OPTION	#352489	1.8mm	OPTION
	#352490	2.0mm	OPTION
	#352492	2.2mm	INCLUDED
	#352493	2.3mm	OPTION
	#352494	2.4mm	OPTION
	#352495	2.5mm	OPTION
	#352496	2.6mm	OPTION
	#352498	2.8mm	OPTION

SET-UP BOOK
ANTI-ROLL BAR

6. FRONT SUSPENSION



OFFSET WHEEL AXLES		
#355250	0mm	OPTION
#355251	+1mm	INCLUDED
#355252	+2mm	OPTION
#355253	+3mm	OPTION
#355254	+4mm	OPTION



FRONT UPPER SUSP. ARMS		
#352135	SOFT	OPTION
#352135-M	MEDIUM	INCLUDED
#352135-G	GRAPHITE	OPTION

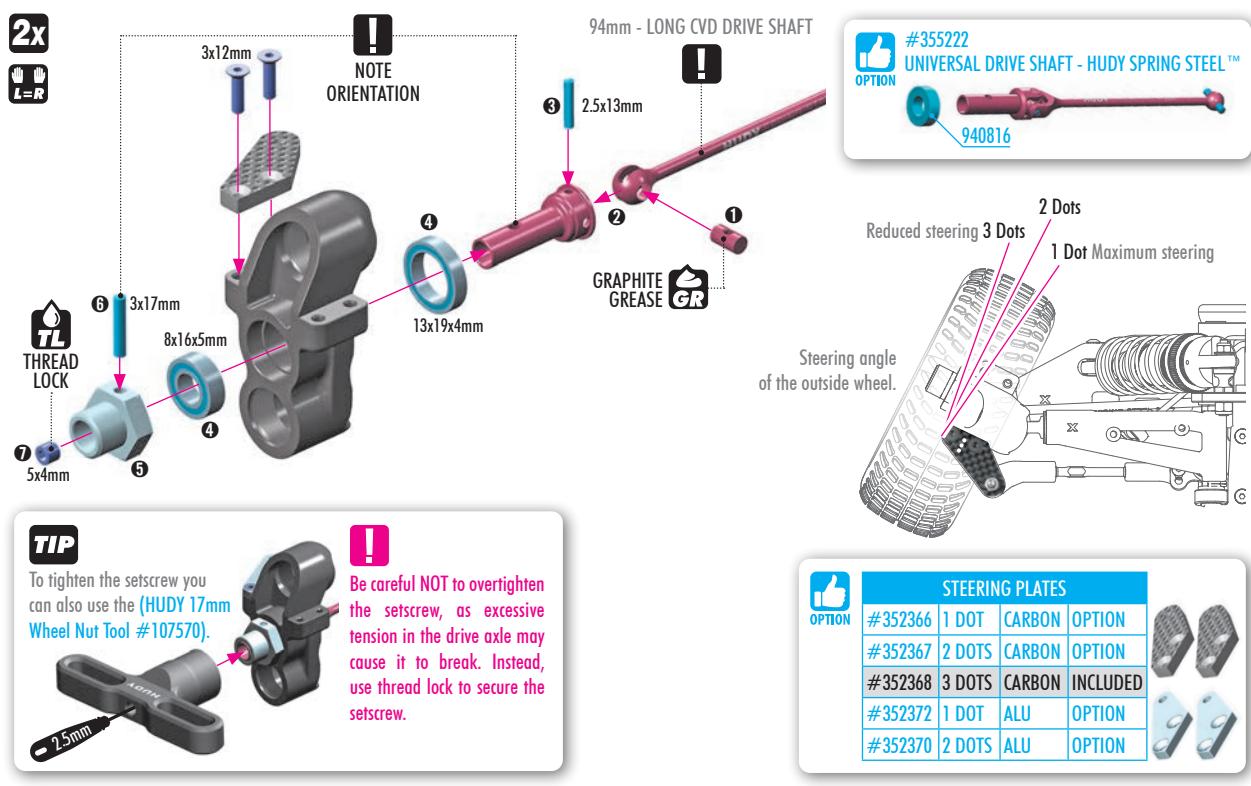
STEERING BLOCKS		
#352244	MEDIUM	OPTION
#352244-H	HARD	INCLUDED
#352244-G	GRAPHITE	OPTION

STEERING PLATES		
#352366	1 DOT	CARBON
#352367	2 DOTS	CARBON
#352368	3 DOTS	CARBON
#352372	1 DOT	ALU
#352370	2 DOTS	ALU

XRAY BALL-BEARINGS				
OPTION	#930816	8x16x5	GREASE	STEEL
	#940816	8x16x5	GREASE	RUBBER
	#931318	13x19x4	GREASE	STEEL
	#941318	13x19x4	GREASE	RUBBER
	#930817	8x16x5	OIL	STEEL
	#940817	8x16x5	OIL	RUBBER
	#931319	13x19x4	OIL	STEEL
	#941319	13x19x4	OIL	RUBBER

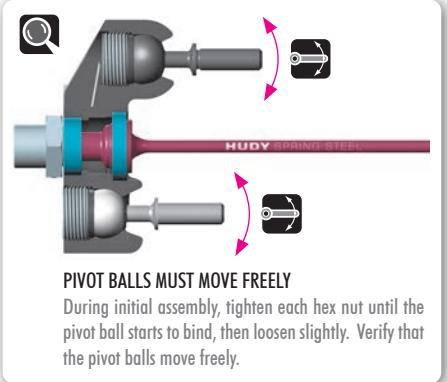
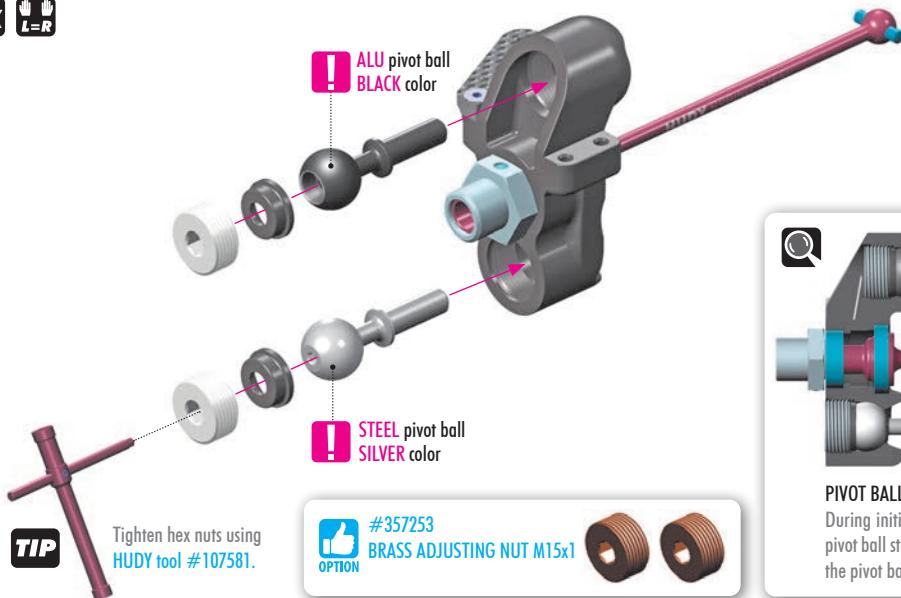
BAG 06	352135-M FRONT UPPER ARM - MEDIUM	357252 ALU ADJUSTING NUT M15x1 (2)
	352244-H PB STEERING BLOCK LB - HARD	357254-G COMPOSITE BALL CUP 13.9mm - GRAPHITE (2)
	352368 CARBON STEERING PLATE - 3 DOTS (1+1)	357256 ALU SHIM 6x13x1 (2)
	355211 CVD DRIVE AXLE - Hudy Spring Steel™	357256 HEX SCREW SB M5x4 (10)
	355221 CVD UNIVERSAL DRIVE SHAFT 94mm - Hudy Spring Steel™	901504 HEX SCREW SFH M3x12 (10)
	355237 CVD DRIVE SHAFT COUPLING - Hudy Spring Steel™	903312 BALL-BEARING 8x16x5 RUBBER SEALED - GREASE (2)
	355251 ALU WHEEL AXLE OFFSET "+1mm" - HARD COATED (2)	940816 BALL-BEARING 13x19x4 RUBBER SEALED - GREASE (2)
	357250 STEEL PIVOT BALL 13.7mm (2)	980263 PIN 2.5x13 (10)
	357251 ALU PIVOT BALL 13.7mm WITH STEEL SCREW (2)	980317 PIN 3x17 (10)

Numbers in parentheses () refer to quantities when purchased separately.

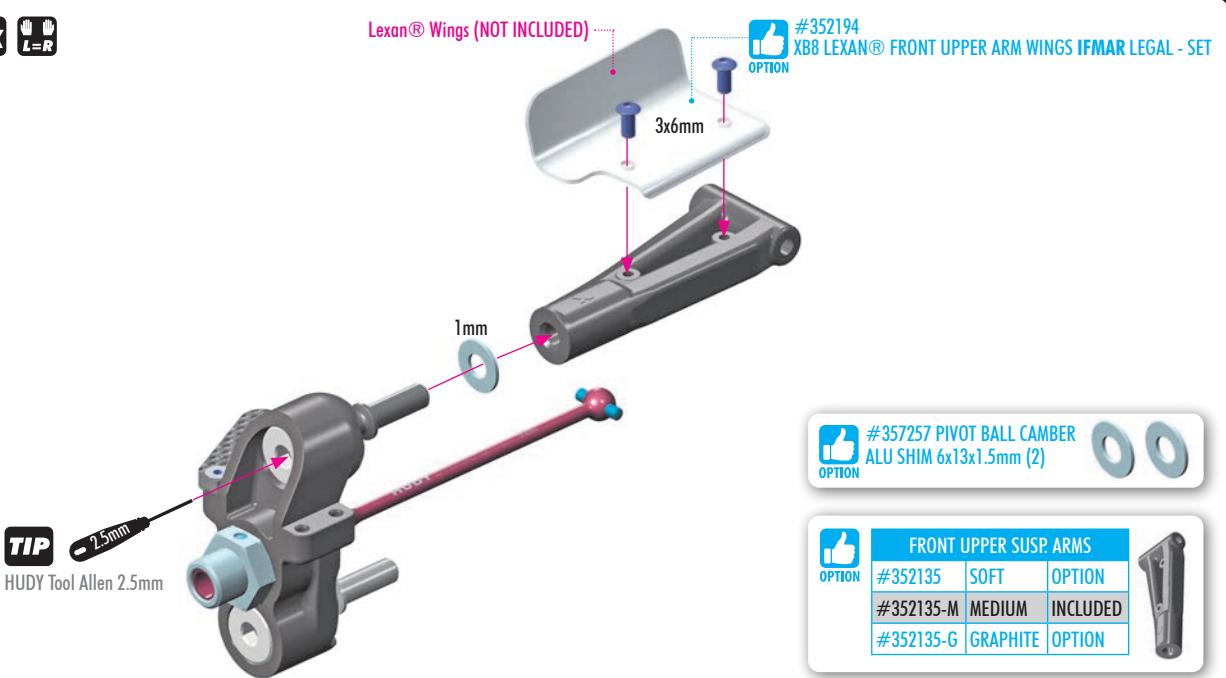


6. FRONT SUSPENSION

2x 

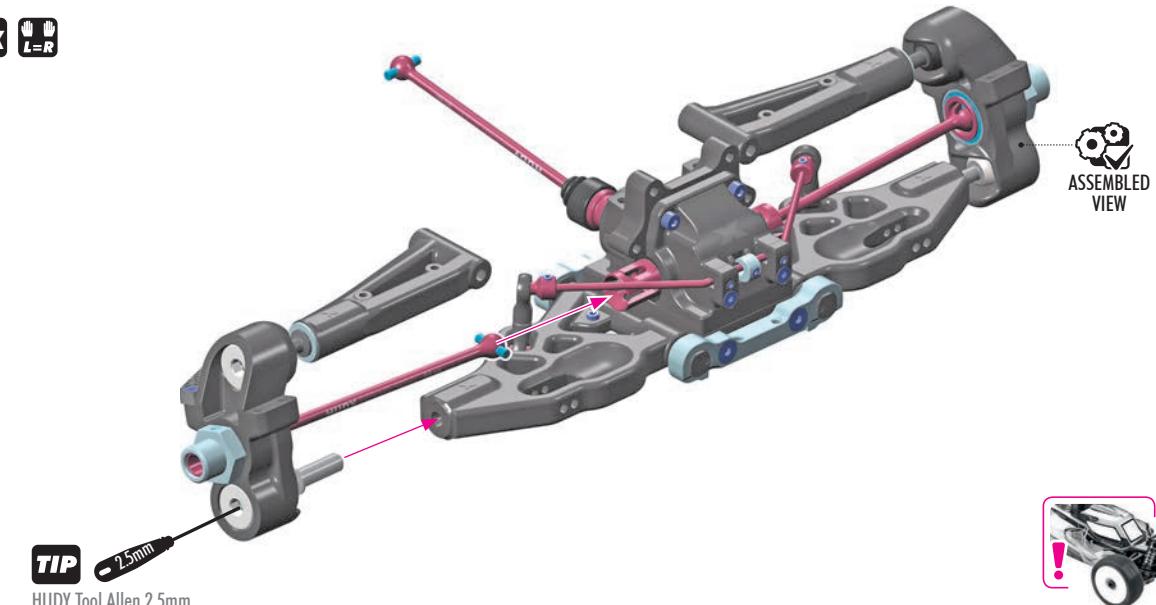


2x 



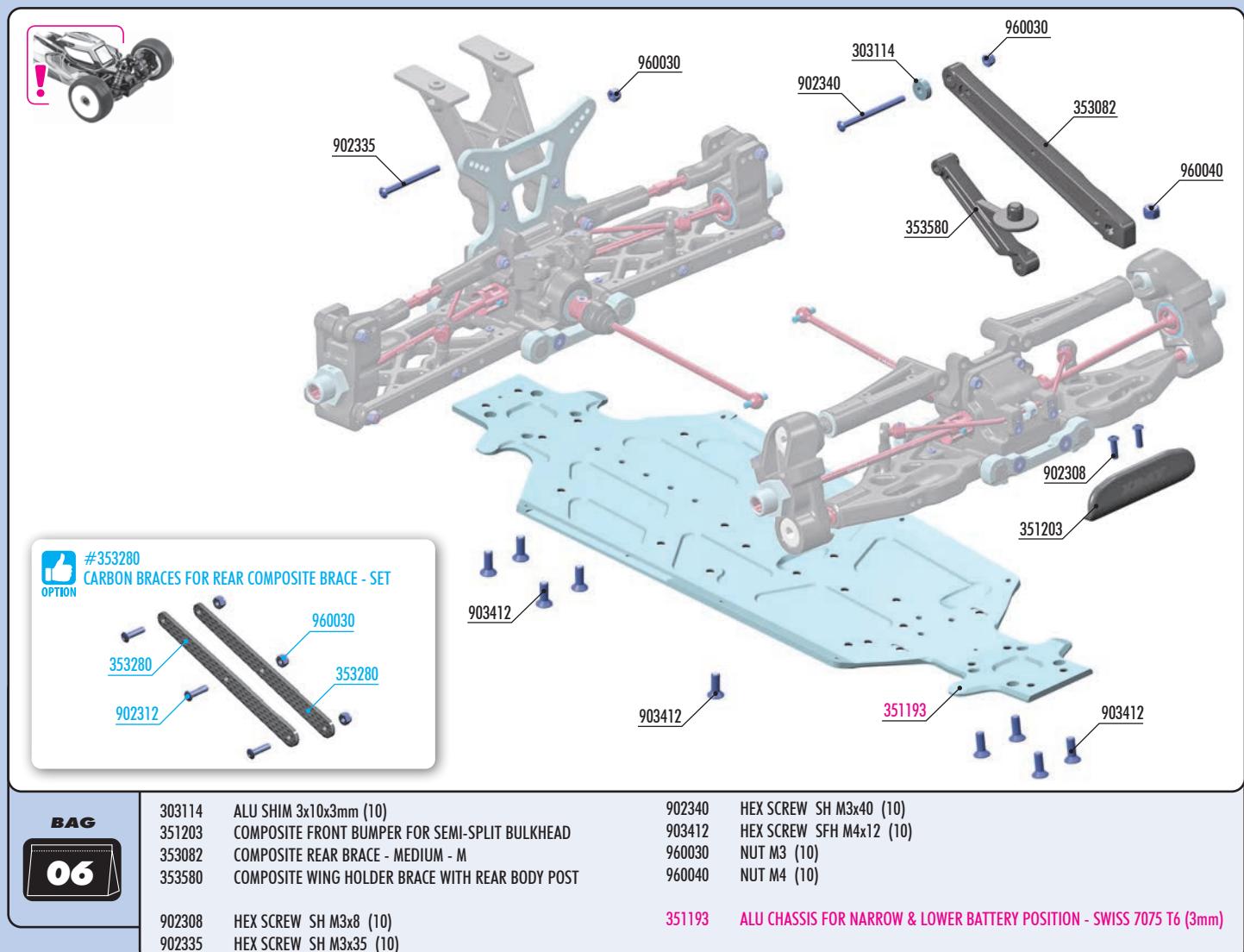
SET-UP BOOK
CAMBER
TRACK-WIDTH

2x 

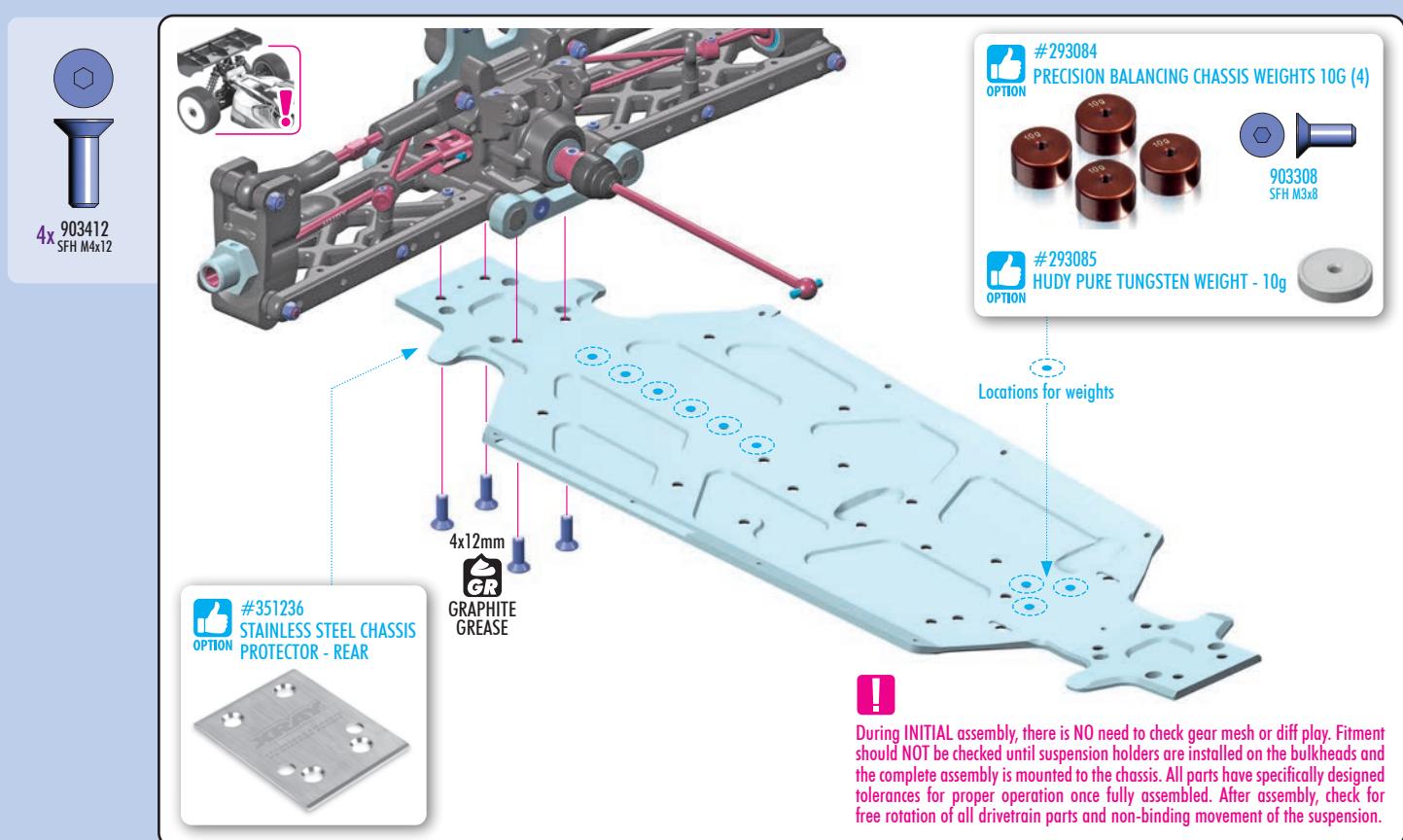


SET-UP BOOK
ROLL CENTER

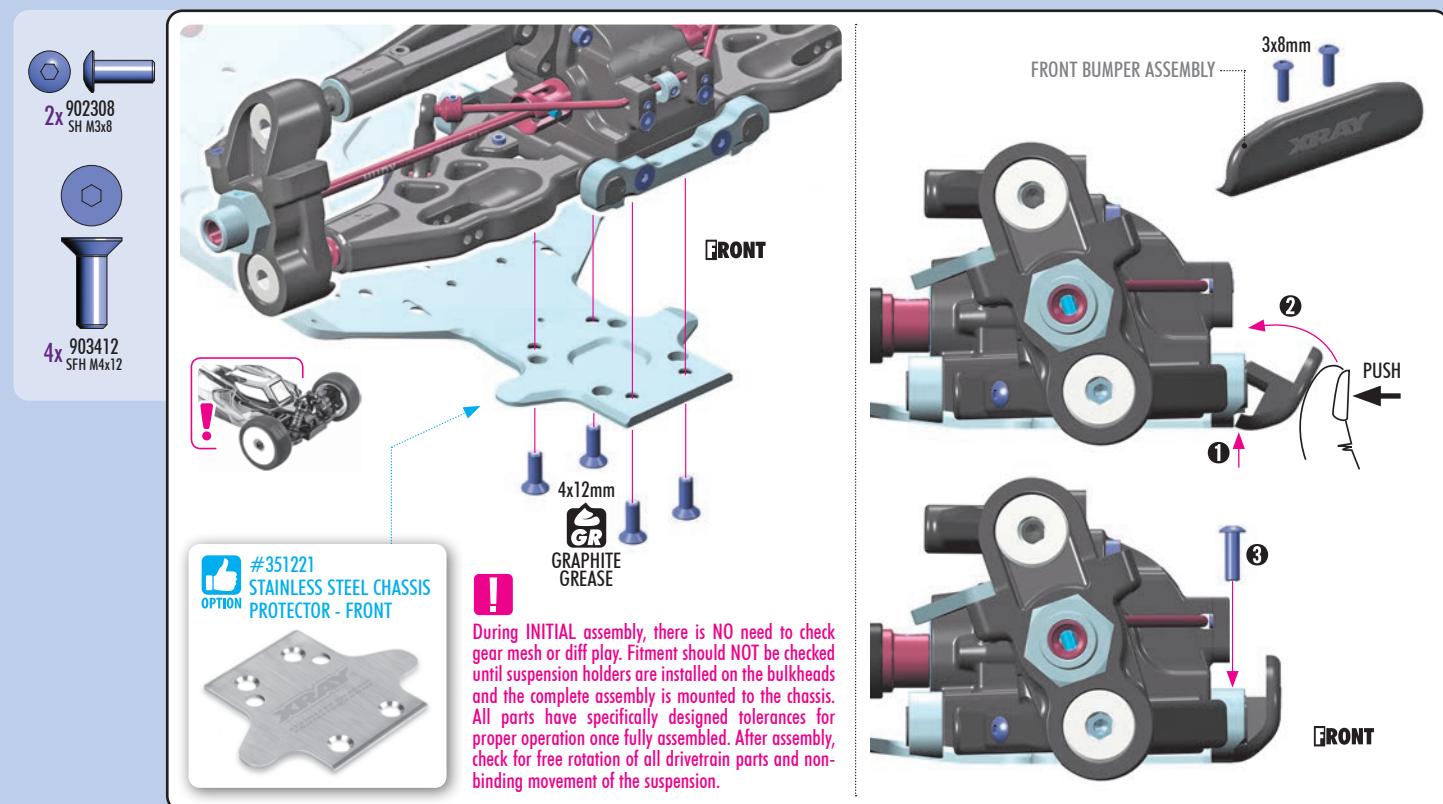
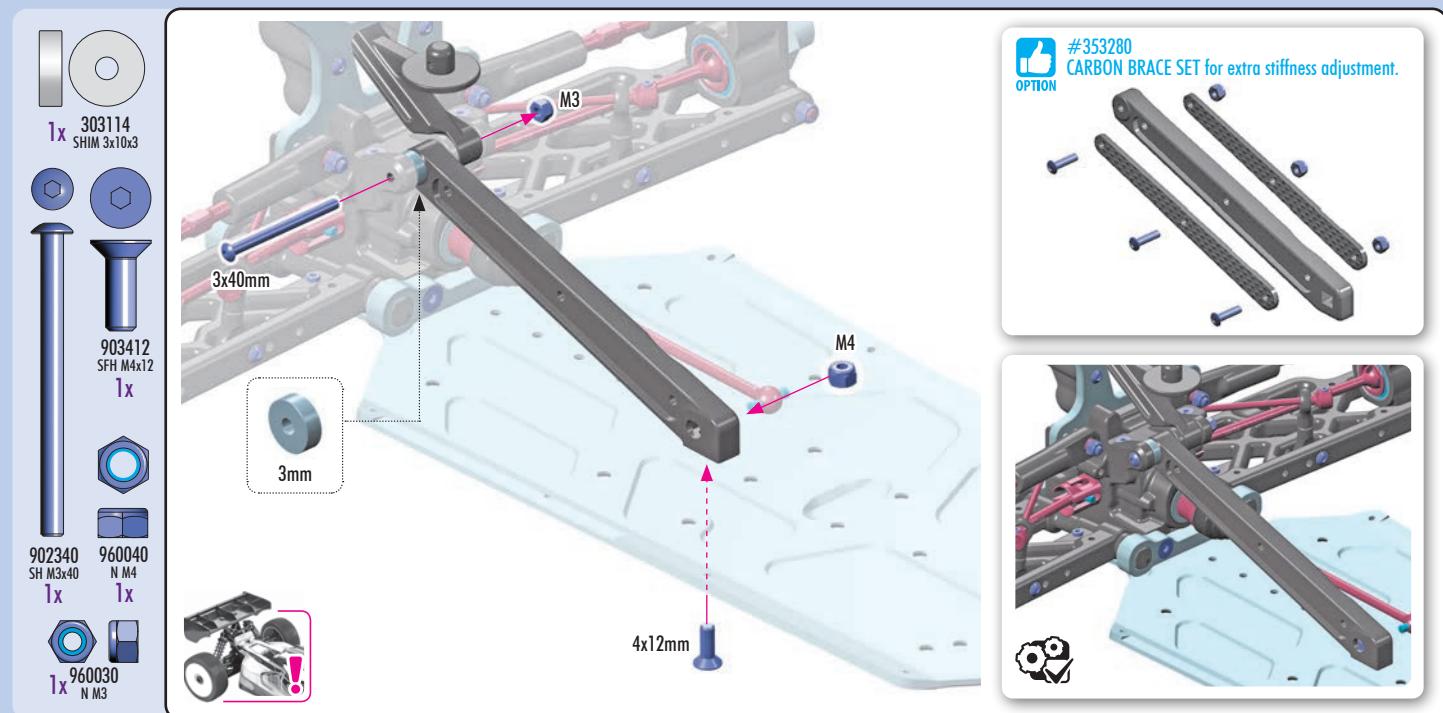
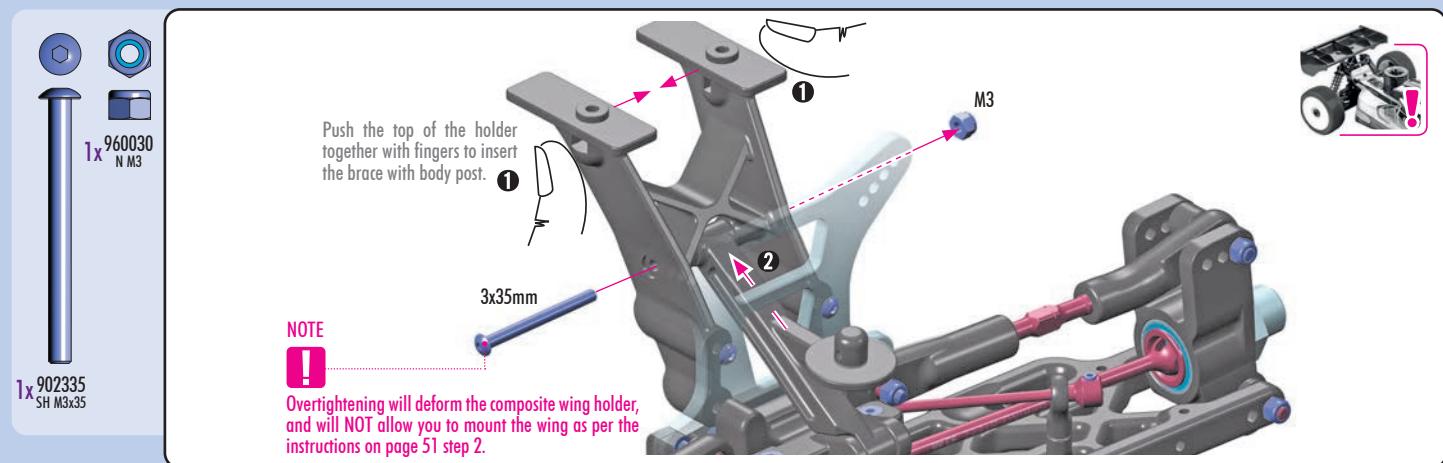
6. FRONT & REAR ASSEMBLY



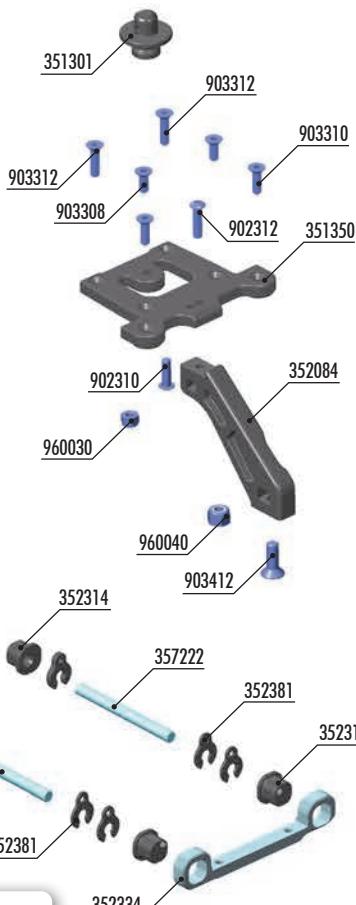
Numbers in parentheses () refer to quantities when purchased separately.



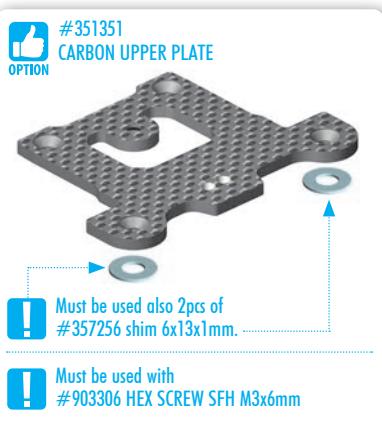
6. FRONT & REAR ASSEMBLY



7. STEERING



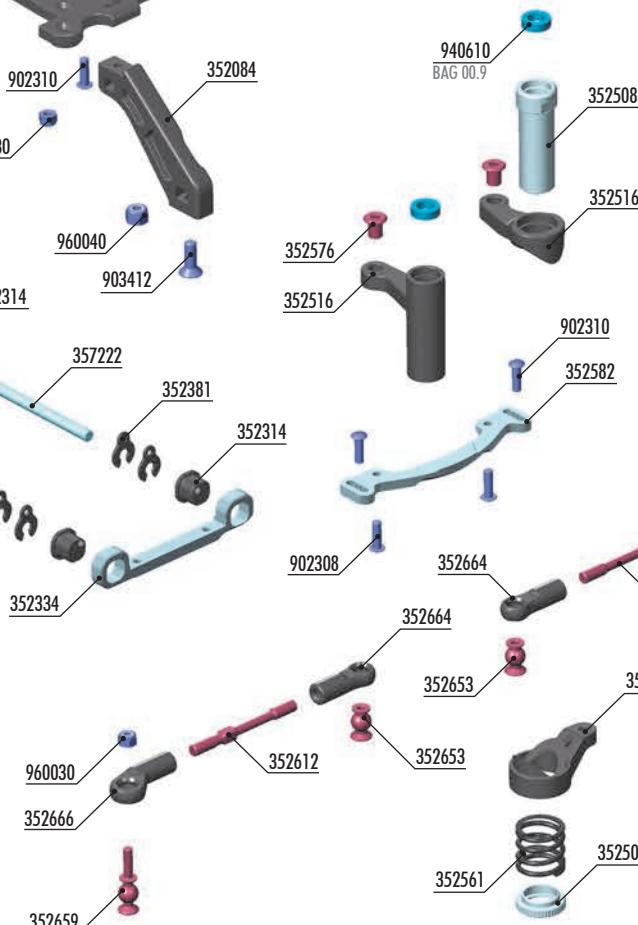
#352658
BALL STUD 6.8mm WITH BACKSTOP L=6mm - M3x8 (2)



#351351
CARBON UPPER PLATE
OPTION

Must be used also 2pcs of
#357256 shim 6x13x1mm.

Must be used with
#903306 HEX SCREW SFH M3x6mm



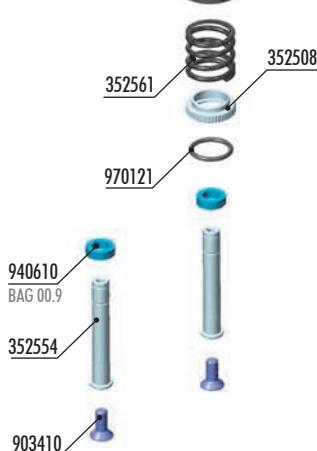
#352526
ALU SERVO SAVER LOWER ARM
SWISS 7075 T6



#352664-G
COMPOSITE STEERING BALL JOINT 6.8mm - GRAPHITE (2)
OPTION



#352666-G
COMPOSITE RELIEF STEERING BALL JOINT 6.8MM - GRAPHITE (2)
OPTION

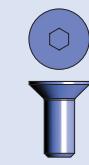
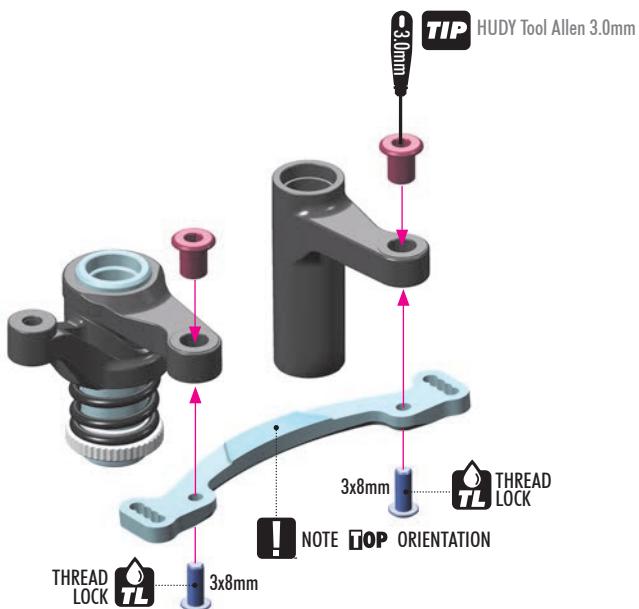
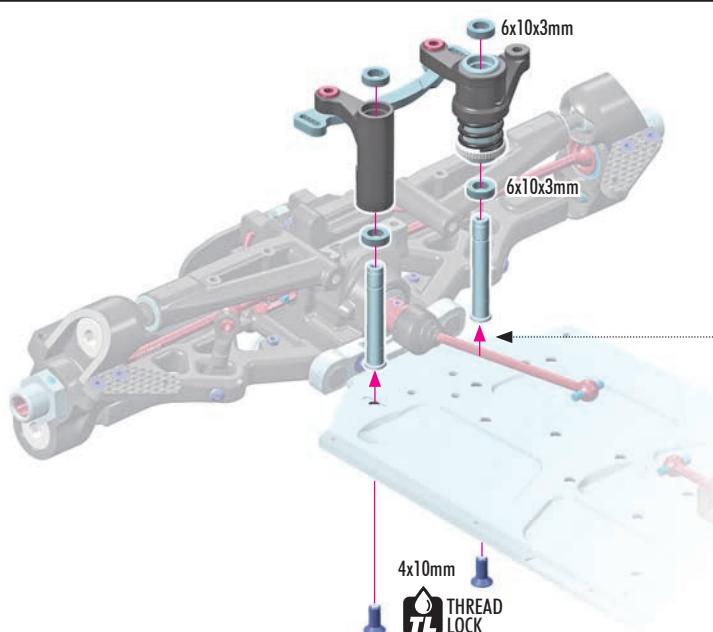


BAG
07

351301	BODY POSTS
351350	COMPOSITE UPPER PLATE WITH TWO BRACE POSITIONS
352055	ALU FRONT SHOCK TOWER FOR SEMI-SPLIT BULKHEAD - LOWER
352084	COMPOSITE FRONT BRACE
352314	COMPOSITE SQUARE ADJ. ROLL CENTER BUSHINGS - V2 (2)
352334	ALU FRONT UPPER ARM HOLDER FOR SEMI-SPLIT BULKHEAD
352381	CASTER CLIPS (2)
352508	SERVO SAVER FOR SEMI-SPLIT BULKHEAD - GRAPHITE - SET
352516	COMPOSITE SERVO SAVER FOR SEMI-SPLIT BULKHEAD - GRAPHITE
352554	ALU SERVO SAVER PIVOT SHAFT WITH CHASSIS LOCK (2)
352561	SERVO SAVER SPRING PROGRESSIVE
352576	STEERING PLATE BUSHING (2)
352582	ALU STEERING PLATE FOR SEMI-SPLIT BULKHEAD - SWISS 7075 T6
352612	ADJ. TURNBUCKLE M4 L/R 45mm - HUDY SPRING STEEL™ (2)
352653	BALL STUD 6.8mm WITH BACKSTOP - M3 (2)
352659	BALL STUD 6.8mm WITH BACKSTOP L=6mm - M3x11 (2)
352664	COMPOSITE STEERING BALL JOINT 6.8mm - V3 (2)

352666	COMPOSITE RELIEF STEERING BALL JOINT 6.8mm (2)
357222	FRONT UPPER PIVOT PIN 4x45 (2)
902308	HEX SCREW SH M3x8 (10)
902310	HEX SCREW SH M3x10 (10)
902312	HEX SCREW SH M3x12 (10)
903308	HEX SCREW SFH M3x8 (10)
903310	HEX SCREW SFH M3x10 (10)
903312	HEX SCREW SFH M3x12 (10)
903410	HEX SCREW SFH M4x10 (10)
903412	HEX SCREW SFH M4x12 (10)
908312	HEX SCREW SOCKET HEAD CAP SCH M3x12 (10)
940610	BALL-BEARING 6x10x3 RUBBER SEALED - OIL (2)
960030	NUT M3 (10)
960040	NUT M4 (10)
970121	O-RING 12.1 x 1.6 (10)

Numbers in parentheses () refer to quantities when purchased separately.

1x 970121
0 12.1x1.6SET-UP
BOOK
SERVO SAVER2x 902308
SH M3x82x 903410
SFH M4x104x 940610
BB 6x10x3

7. STEERING

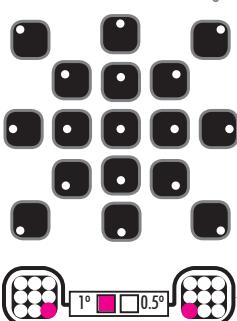


1x 902310
SH M3x10

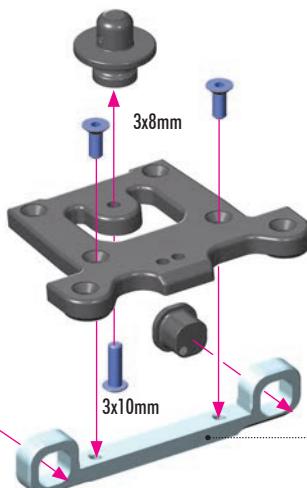


2x 903308
SFH M3x8

All possible mounting alternatives of eccentric bushings.



INITIAL SETTING



NOTE ORIENTATION



SET-UP
BOOK
ROLL CENTER



1x 902312
SH M3x12



2x 903310
SFH M3x10



903312
SFH M3x12



2x 903412
SFH M4x12



1x 960030
N M3



1x 960040
N M4

3x12mm

3x10mm

3x12mm

3x12mm

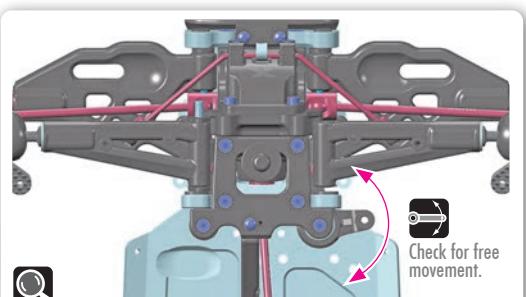
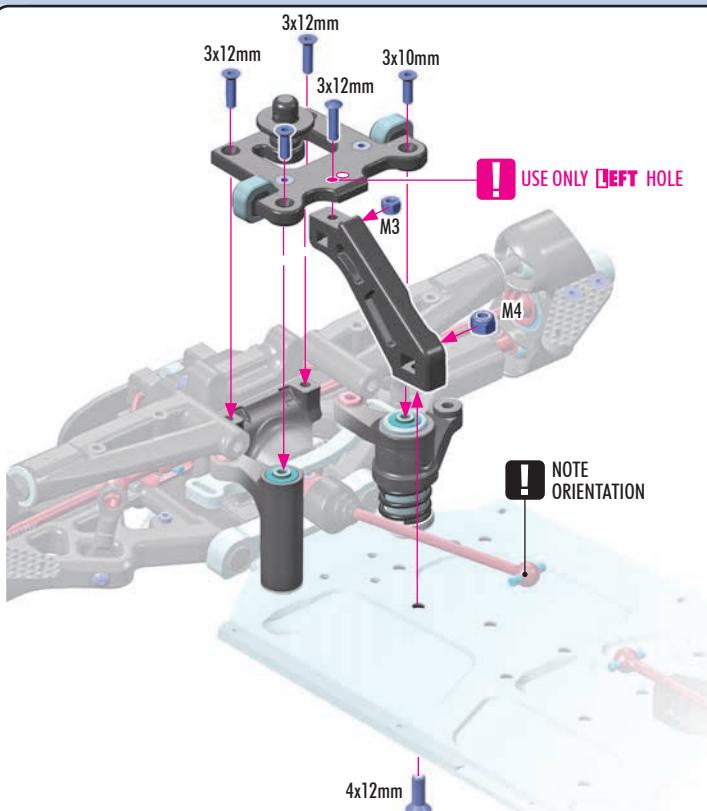
3x12mm

M3

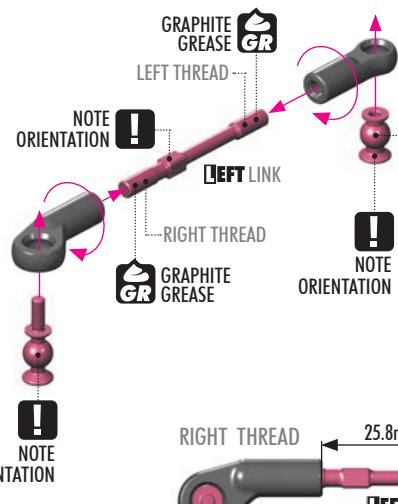
M4

NOTE
ORIENTATION

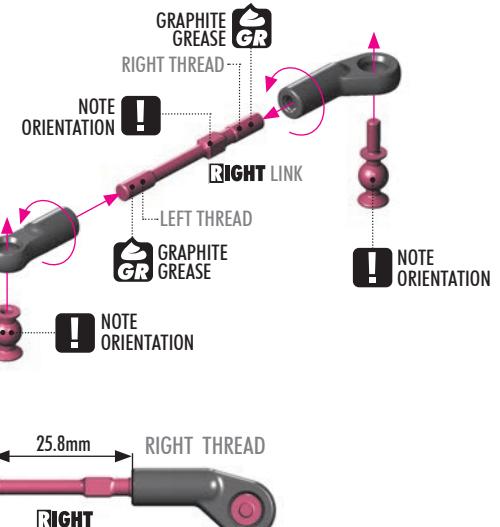
! USE ONLY LEFT HOLE

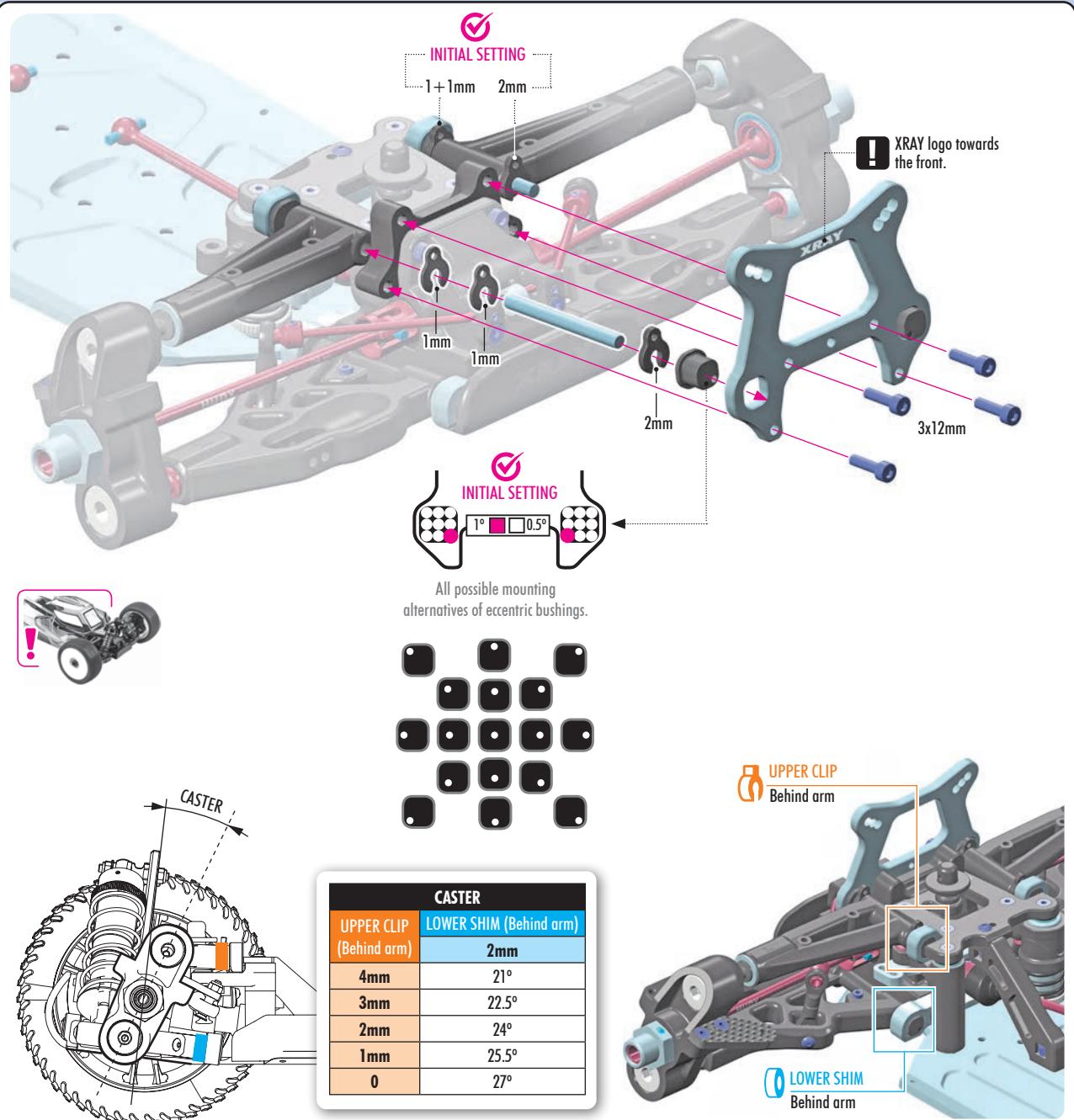
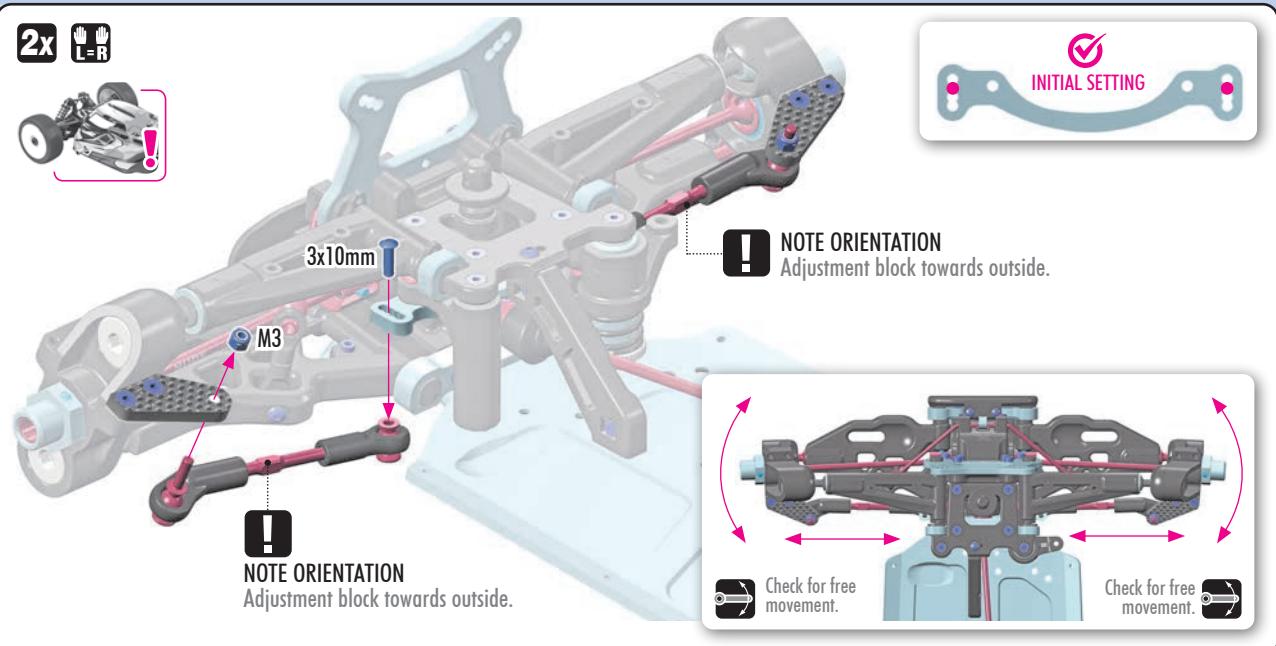


After the top deck assembly check for free movement of steering system.

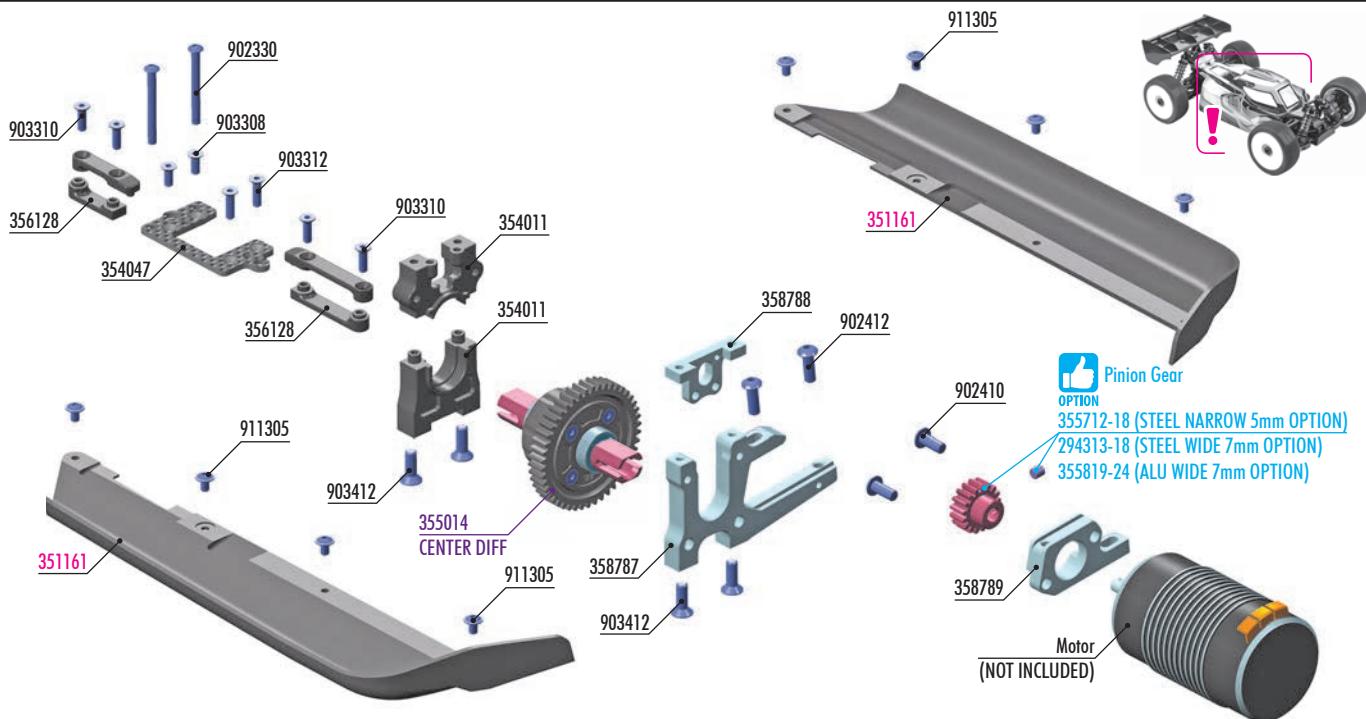


TIP
Install with HUYA Multi Tool.



4x 908312
SCH M3x122x 902310
SH M3x102x 960030
N M3SET-UP BOOK
ACKERMANN
BUMPS STEER
TOE-IN

8. CENTER DIFF & MOTOR



BAG
08

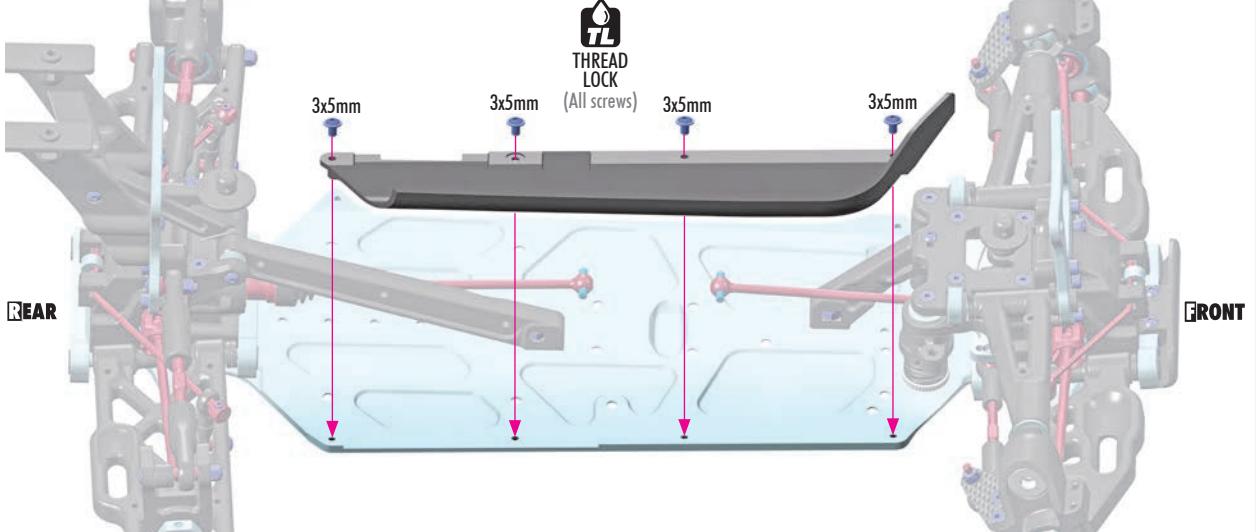
354011	CENTER DIFF MOUNTING PLATE SET - HIGHER	902410	HEX SCREW SH M4x10 (10)
354047	CARBON CENTER DIFF PLATE FOR SPLIT DIFF MOUNT	902412	HEX SCREW SH M4x12 (10)
355712-18	STEEL 12~18T PINION GEAR - NARROW (OPTION)	903308	HEX SCREW SFH M3x8 (10)
355819-24	ALU 19~24T PINION GEAR - WIDE (OPTION)	903310	HEX SCREW SFH M3x10 (10)
294313-18	STEEL 13~18 PINION GEAR - WIDE (OPTION)	903312	HEX SCREW SFH M3x12 (10)
356128	COMPOSITE HOLDER FOR CABLES - SET	903412	HEX SCREW SFH M4x12 (10)
358787	ALU CENTER DIFF & MOTOR MOUNT FOR SPLIT DIFF MOUNT	911305	HEX SCREW FLANGED SH M3x5 (10)
358788	ALU MOTOR MOUNT UPPER CLAMP FOR SPLIT DIFF MOUNT	351161	CHASSIS SIDE GUARDS – NARROW & LOWER BATTERY POSITION L+R
358789	ALU MOTOR MOUNT PLATE FOR SPLIT DIFF MOUNT	355014	CENTER DIFFERENTIAL SMALL WITH COMPOSITE SPUR GEAR 46T - SET
902330	HEX SCREW SH M3x30 (10)		

Numbers in parentheses () refer to quantities when purchased separately.

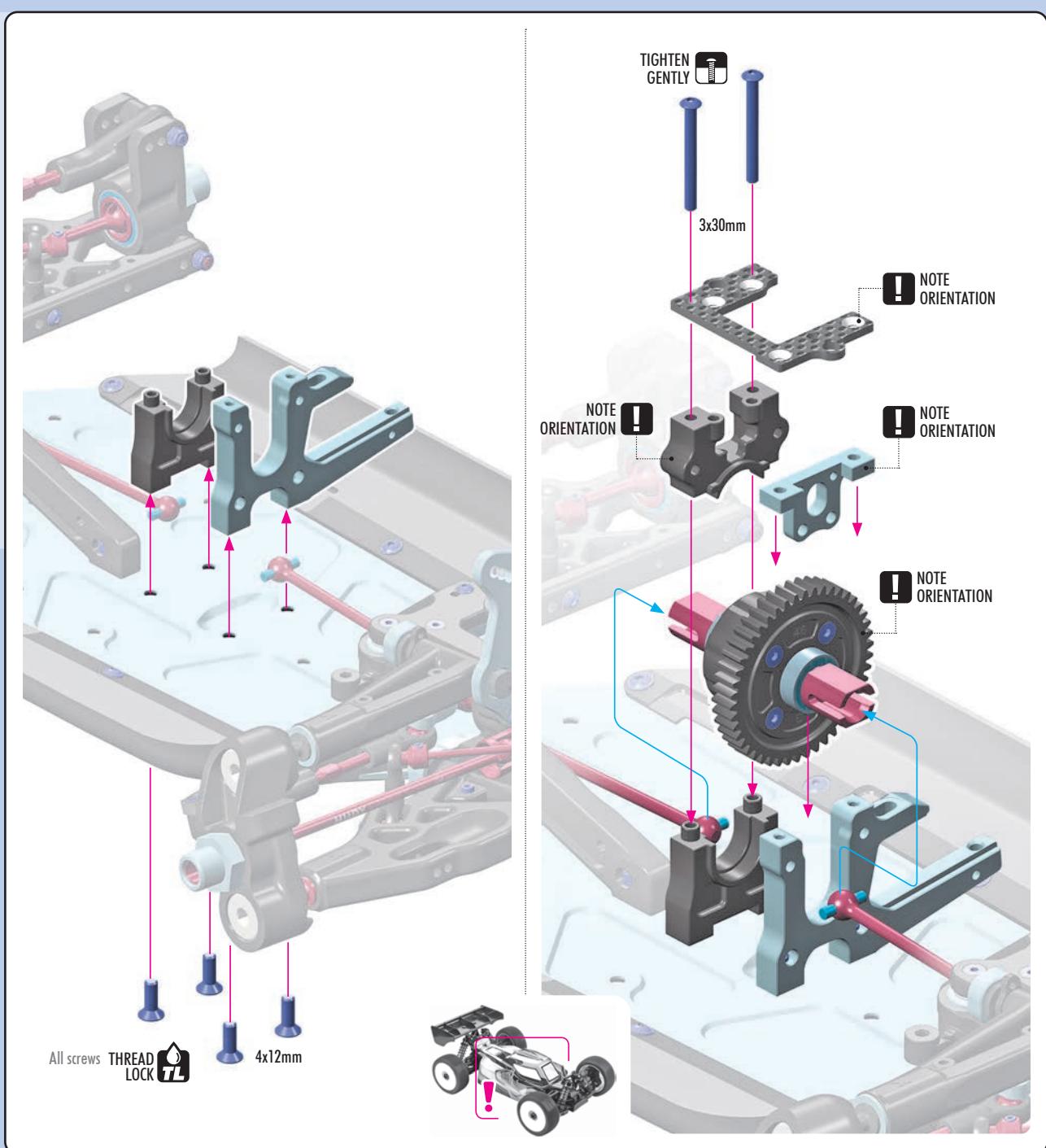
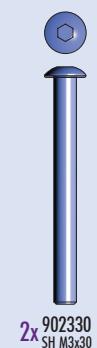
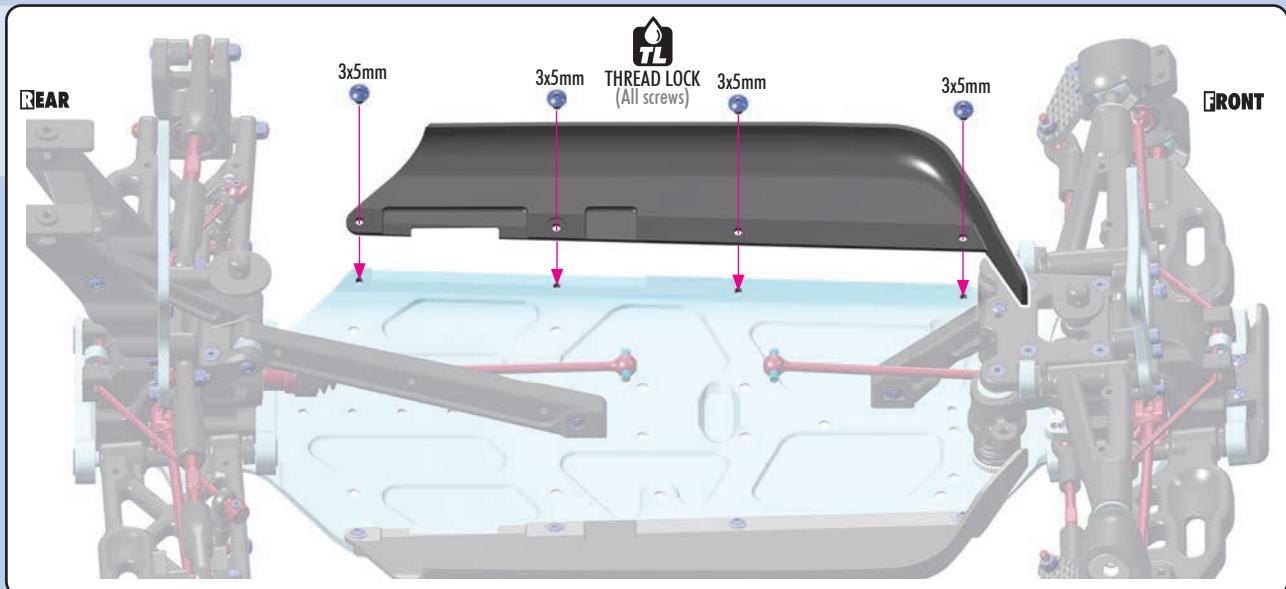


3x5mm
3x5mm
3x5mm
3x5mm

THREAD LOCK
(All screws)



8. CENTER DIFF & BRAKE



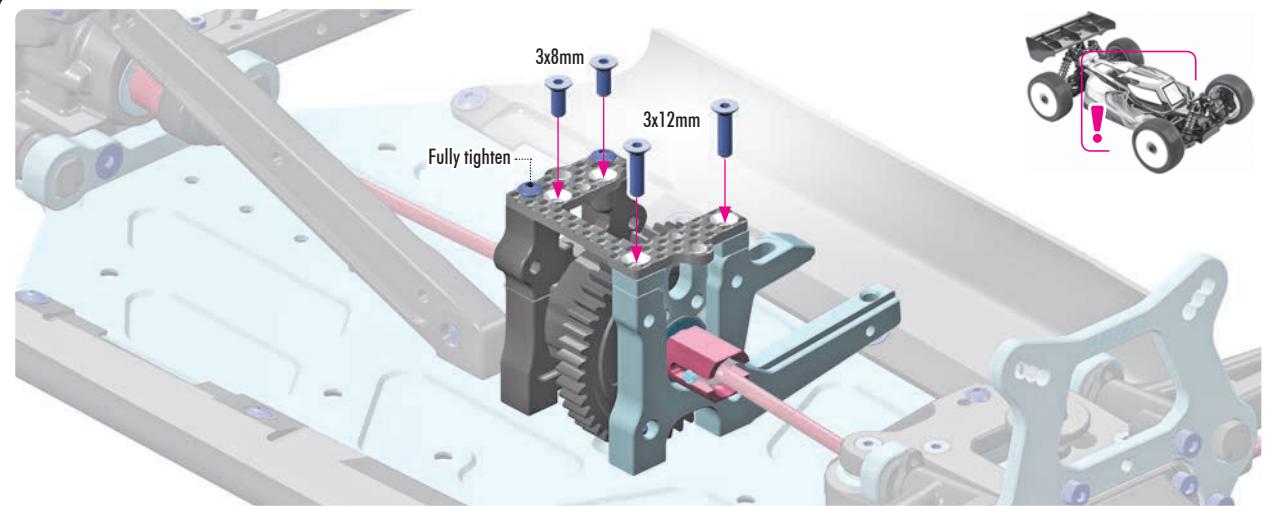
8. CENTER DIFF & BRAKE



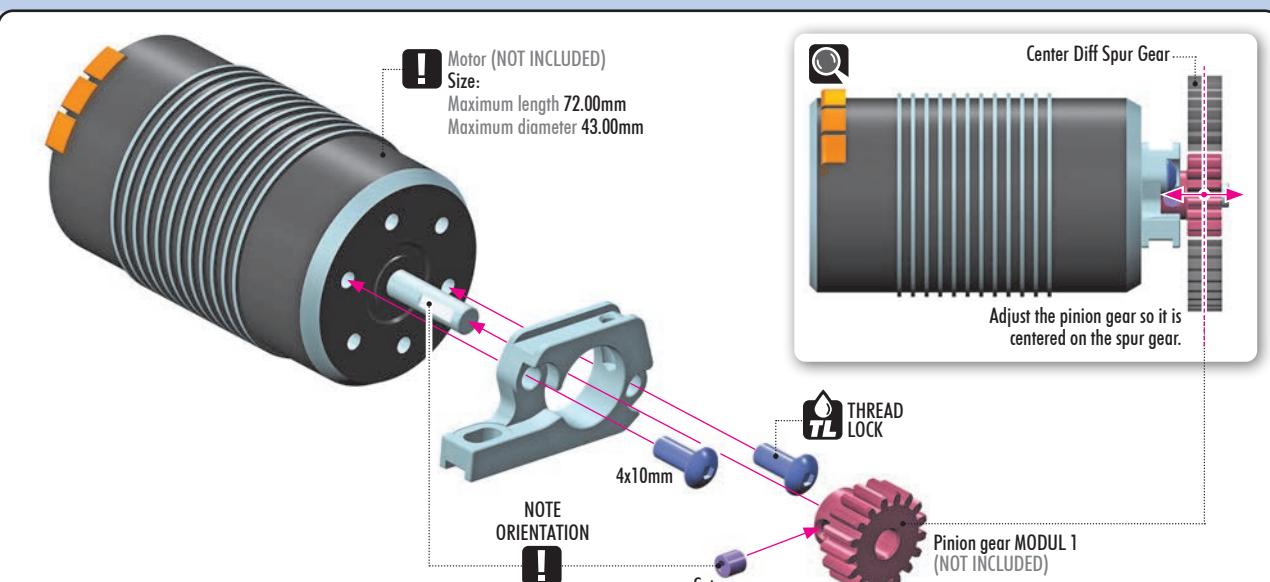
2x 903308
SFH M3x8



2x 903312
SFH M3x12



2x 902410
SH M4x10



OPTION	ALU PINION GEAR (M1)
WIDE (7mm)	#355819 19T OPTION
WIDE (7mm)	#355820 20T OPTION
WIDE (7mm)	#355821 21T OPTION
WIDE (7mm)	#355822 22T OPTION
WIDE (7mm)	#355823 23T OPTION
WIDE (7mm)	#355824 24T OPTION



OPTION	STEEL PINION GEAR (M1)
WIDE (5mm)	#355712 12T OPTION
WIDE (5mm)	#355713 13T OPTION
WIDE (5mm)	#355714 14T OPTION
WIDE (5mm)	#355715 15T OPTION
WIDE (5mm)	#355716 16T OPTION
WIDE (5mm)	#355717 17T OPTION
WIDE (5mm)	#355718 18T OPTION

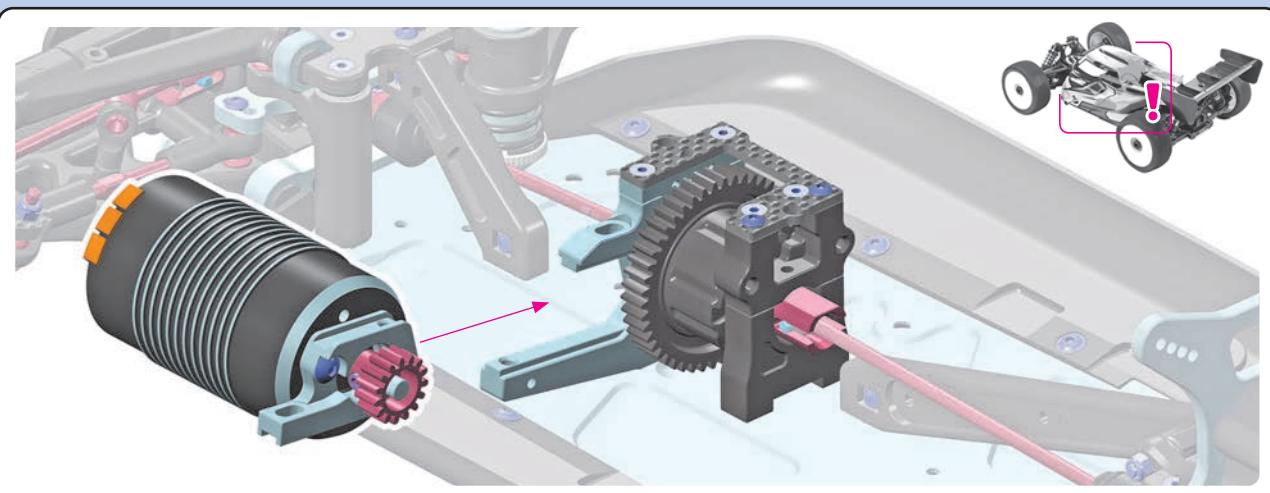


OPTION	STEEL PINION GEAR (M1)
WIDE (7mm)	#294313 13T OPTION
WIDE (7mm)	#294314 14T OPTION
WIDE (7mm)	#294315 15T OPTION
WIDE (7mm)	#294316 16T OPTION
WIDE (7mm)	#294317 17T OPTION
WIDE (7mm)	#294318 18T OPTION

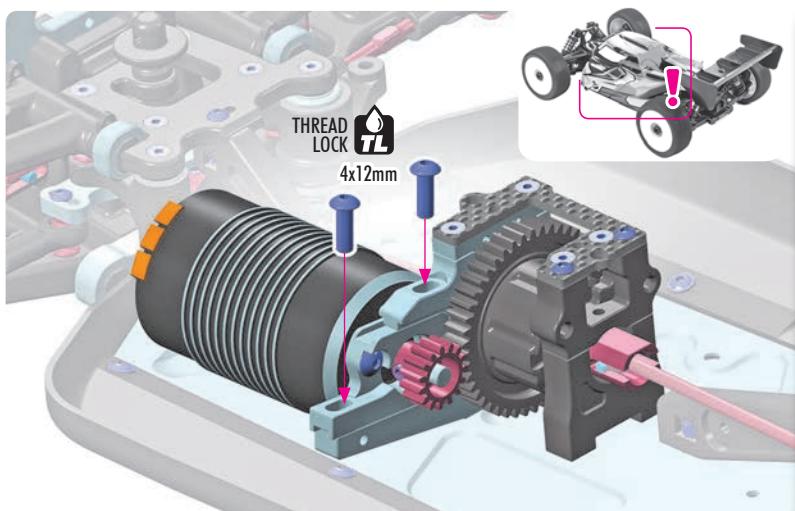
! *Suggested to use only with COMPOSITE center diff spur gear.



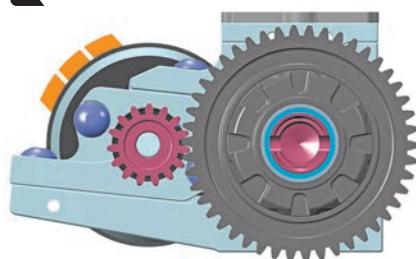
Final Drive Ratio
 $(46 : X) \times 3.54 = FDR$
 (Spur) (Pinion) (IGR)



8. CENTER DIFF & BRAKE



GEAR MESH ADJUSTMENT



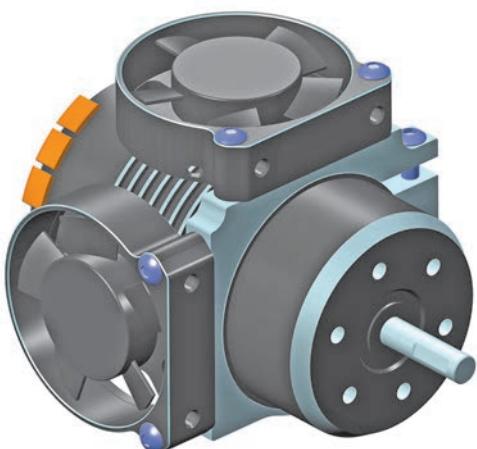
Adjust gear mesh so there is minimal play between the gears.

TOO TIGHT gear mesh will put excessive strain on all parts and damage the parts.

TOO LOOSE gear mesh may result in stripped gears.



XB8E MOTOR COOLING (NOT INCLUDED)



#293190
OPTION ALU MULTI-FAN MOUNT
FOR 42mm MOTOR



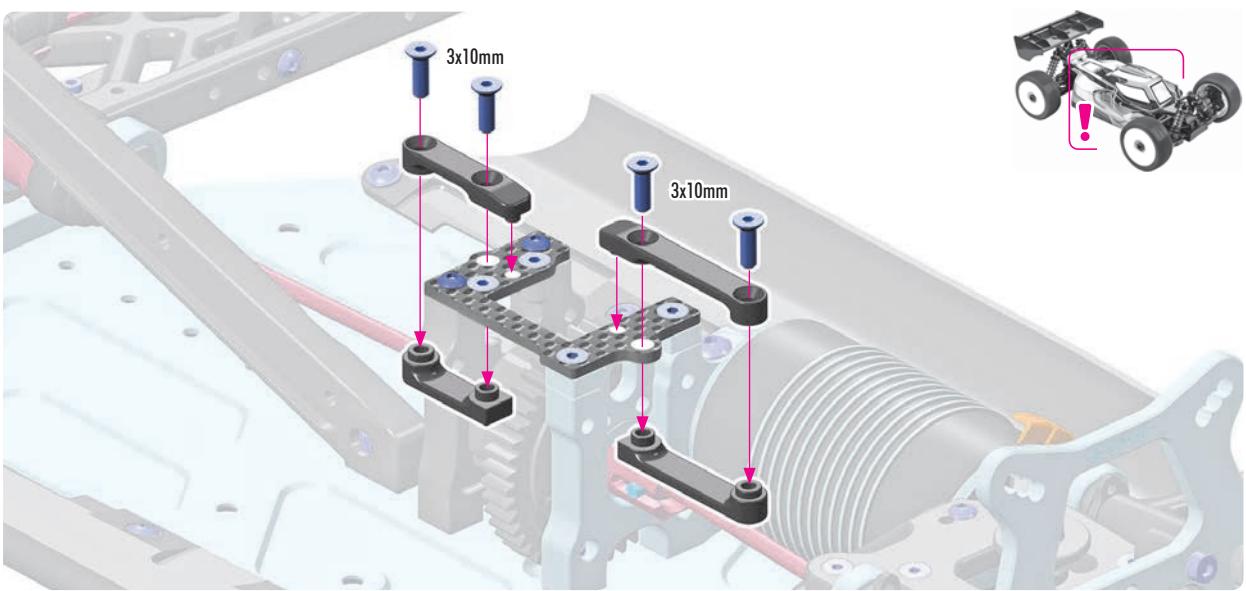
#293104
OPTION Hudy ALU RC FAN 40mm - BOTTOM/
SIDE MOUNT 2 HOLE



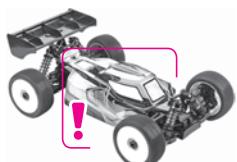
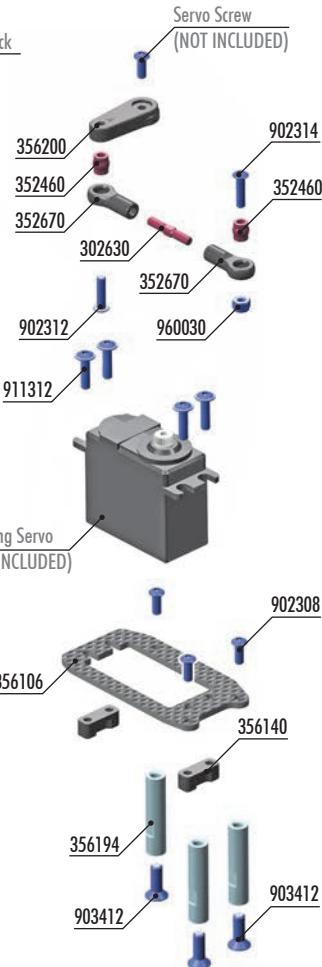
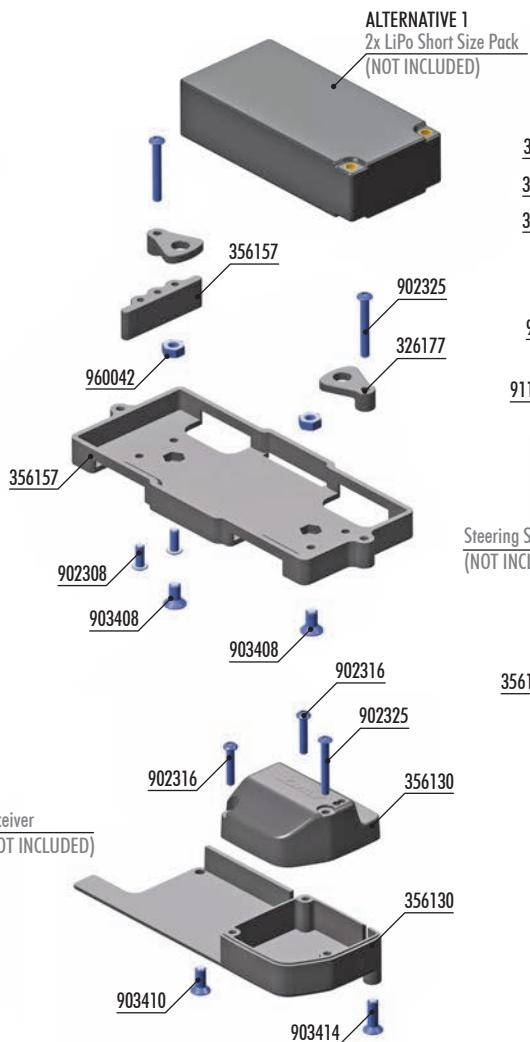
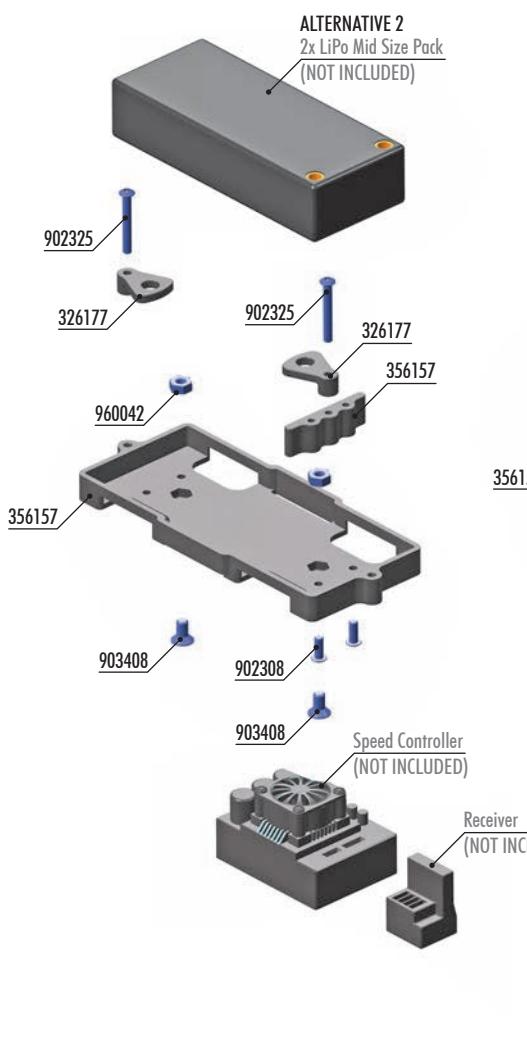
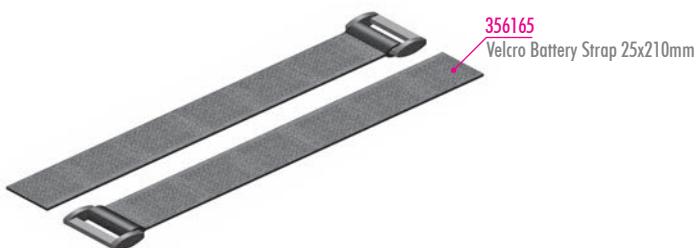
#293111
OPTION Hudy BRUSHLESS RC FAN 40mm
WITH EXTERNAL SOLDERING TABS



#293113
OPTION Hudy BRUSHLESS RC FAN 40mm
WITH INTERNAL SOLDERING TABS



10. ELECTRONICS



BAG

10

BAG 09 is NOT
existing and NOT
included in XB8E kit.

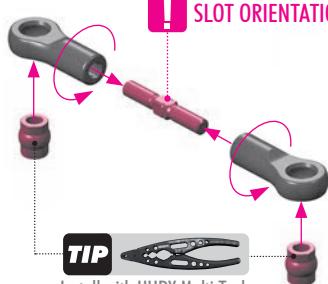
302630	ADJ. TURNBUCKLE L/R 20mm - HUDY SPRING STEEL™ (2)	902314	HEX SCREW SH M3x14 (10)
326177	COMPOSITE BATTERY CLAMP (2)	902316	HEX SCREW SH M3x16 (10)
352460	PIVOT BALL 5.8 (10)	902325	HEX SCREW SH M3x25 (10)
352670	SERVO BALL JOINT 5.8mm (4)	903408	HEX SCREW SFH M4x8 (10)
356106	CARBON SERVO MOUNT - NARROW & LOWER BATTERY LAYOUT	903410	HEX SCREW SFH M4x10 (10)
356130	COMPOSITE ONE-PIECE SPEEDO PLATE & RECEIVER BOX - V2	903412	HEX SCREW SFH M4x12 (10)
356140	COMPOSITE SERVO MOUNT - SMALL (2)	903414	HEX SCREW SFH M4x14 (10)
356157	COMPOSITE BATTERY BOX FOR NARROW & LOWER BATTERY LAYOUT (2)	911312	HEX SCREW FLANGED SHF M3x12 (10)
356194	ALU MOUNT FOR RECEIVER BOX	960030	NUT M3 (10)
356200	BRAKE/THROTTLE ARMS & STEERING SERVO ARMS - SET	960042	NUT M4 (10)
902308	HEX SCREW SH M3x8 (10)	356165	VELCRO BATTERY STRAP 25x210mm (2)
902312	HEX SCREW SH M3x12 (10)		

Numbers in parentheses () refer to quantities when purchased separately.

1x 902312
SH M3x12

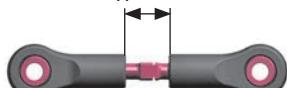
RIGHT THREAD SIDE LEFT THREAD SIDE

! SLOT ORIENTATION



Install with HUDY Multi Tool.

approx. 7mm

The length of the linkages varies
according to the type of servo.! Use appropriate servo arm:
Market servo horn

K (23T) H (24T) F (25T)



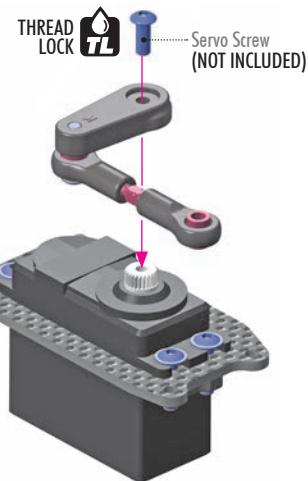
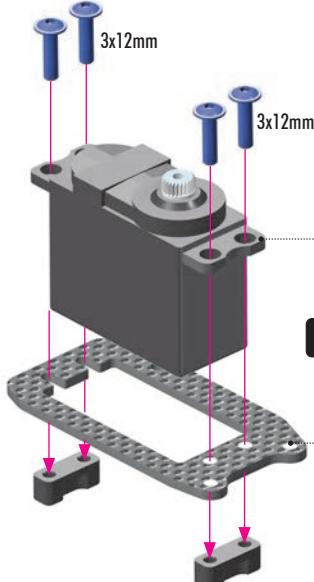
! NOTE ORIENTATION

ALU SERVO HORNS

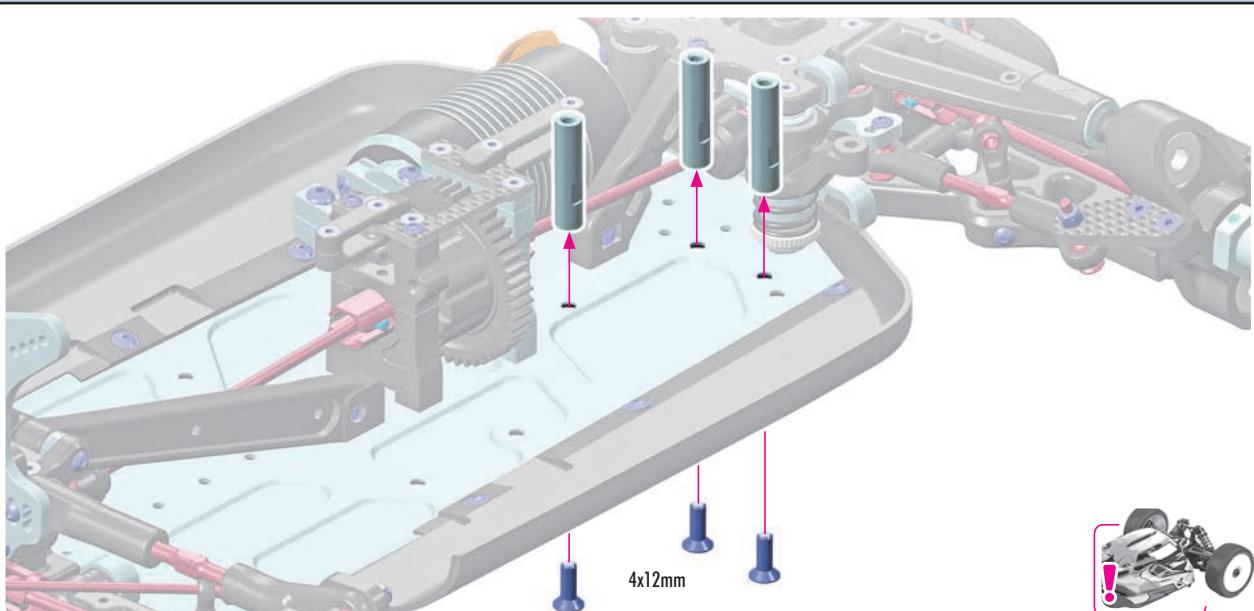
#293501	23T	OPTION
#293502	24T	OPTION
#293503	25T	OPTION

CLAMP ALU SERVO HORNS

#293407	23T	OPTION
#293408	24T	OPTION
#293409	25T	OPTION

4x 911312
SHF M3x12

THREAD LOCK

Servo Screw
(NOT INCLUDED)3x 903412
SFH M4x12

10. RADIO CASE



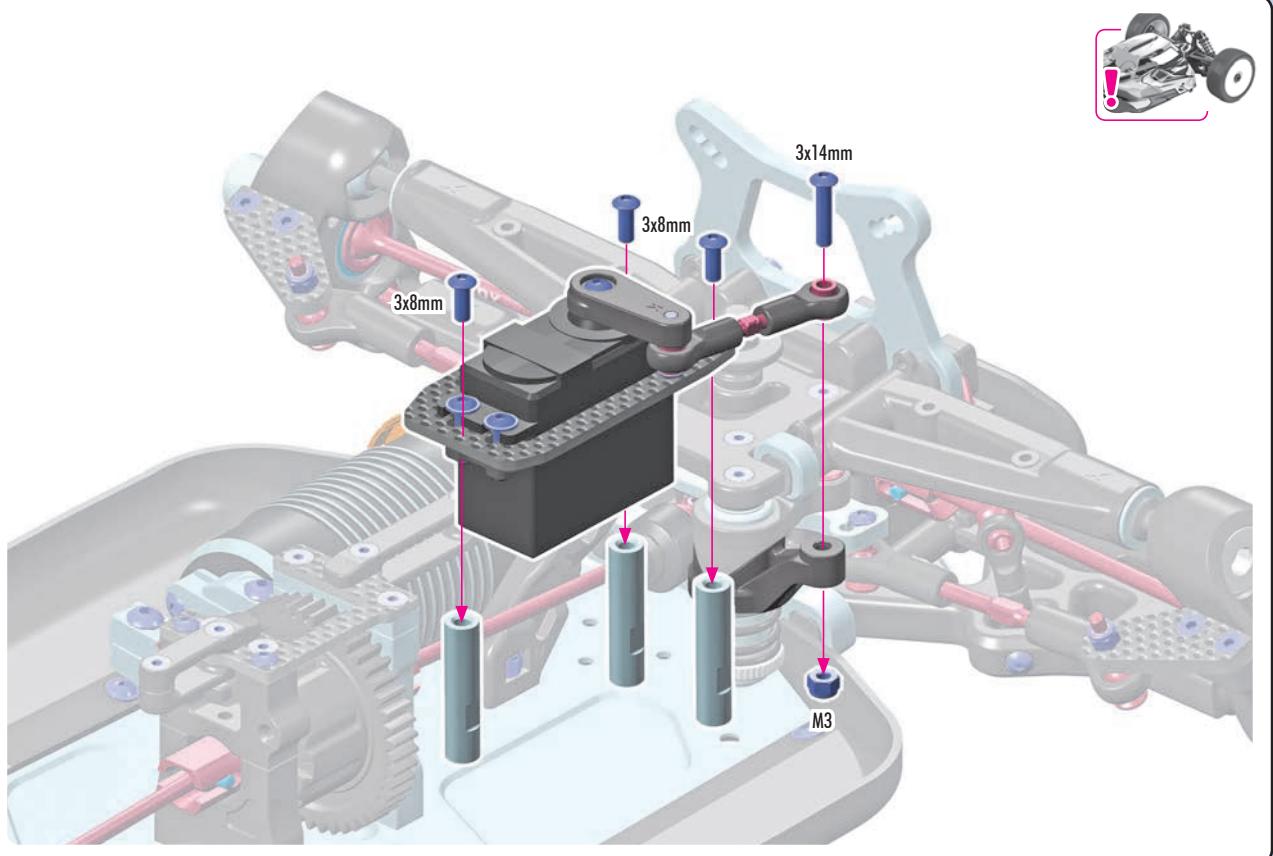
3x 902308
SH M3x8



1x 902314
SH M3x14



1x 960030
N M3



2x 902316
SH M3x16



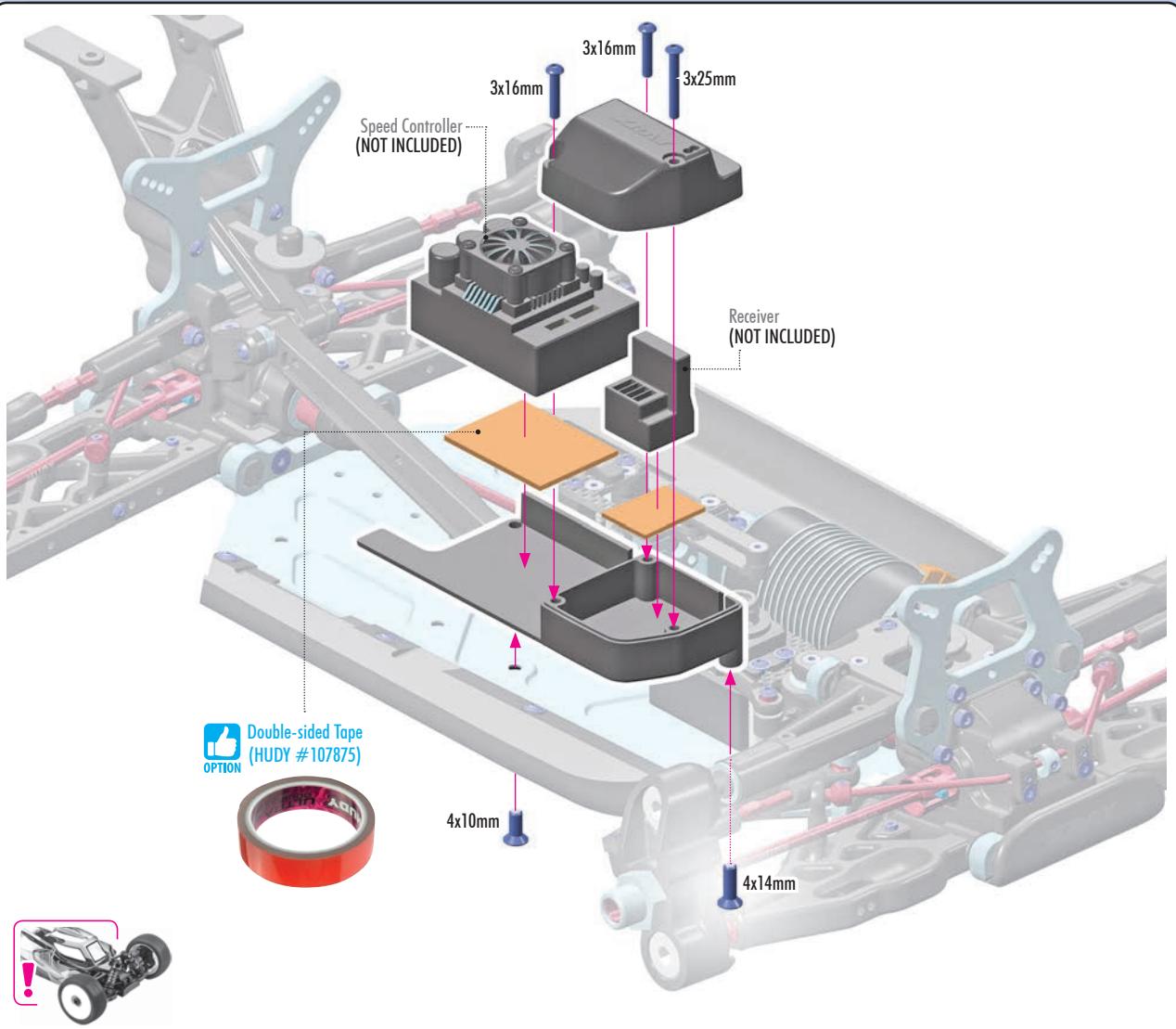
1x 902325
SH M3x25

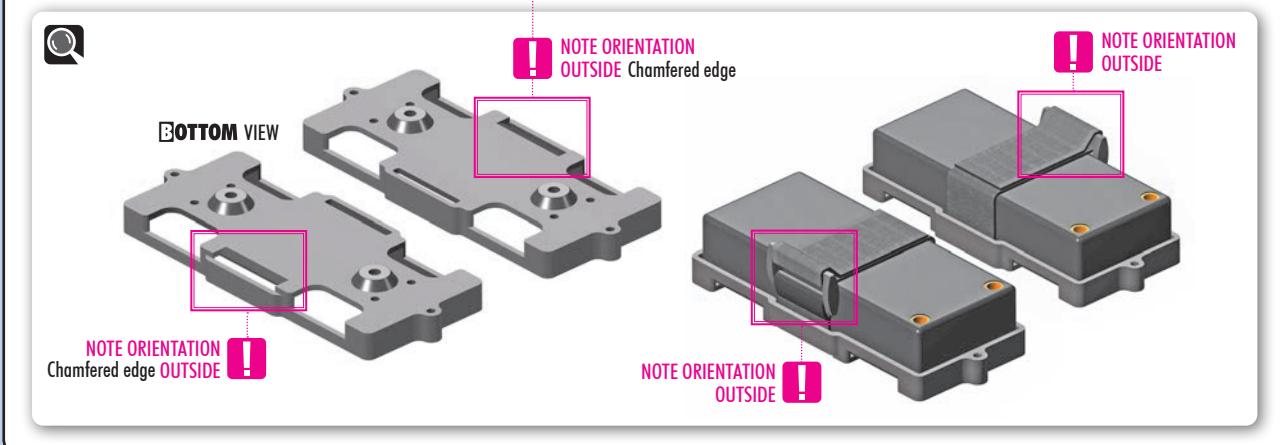
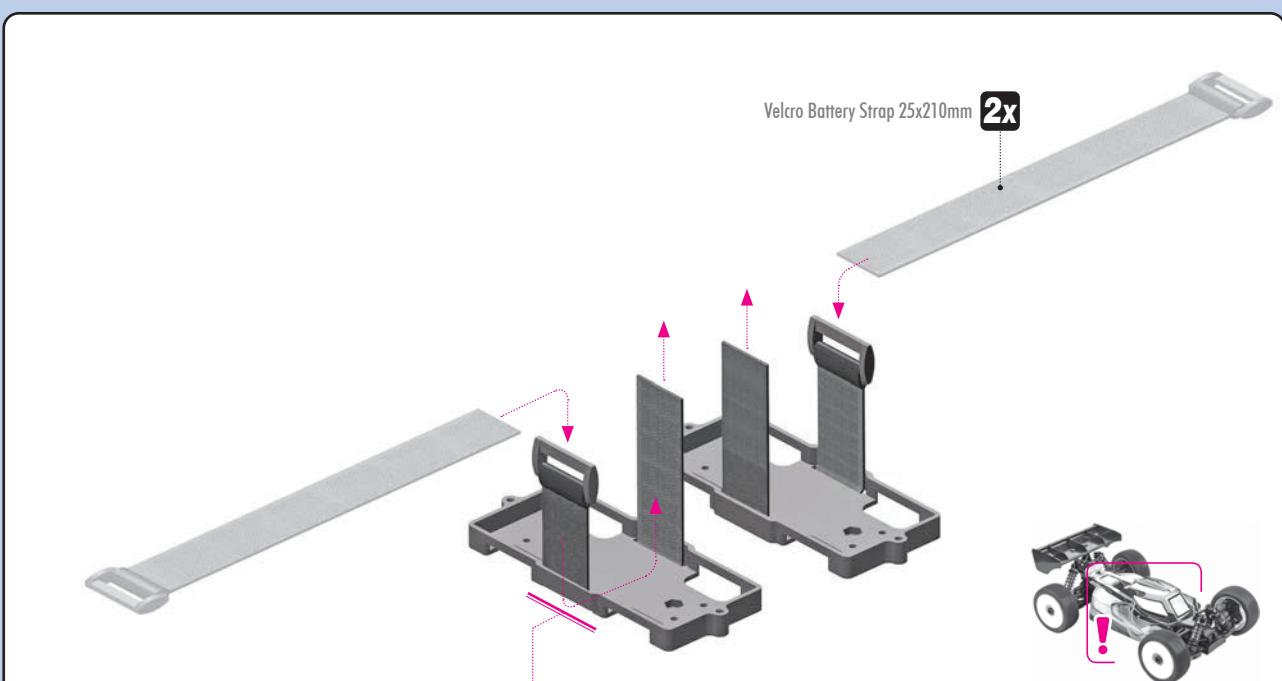
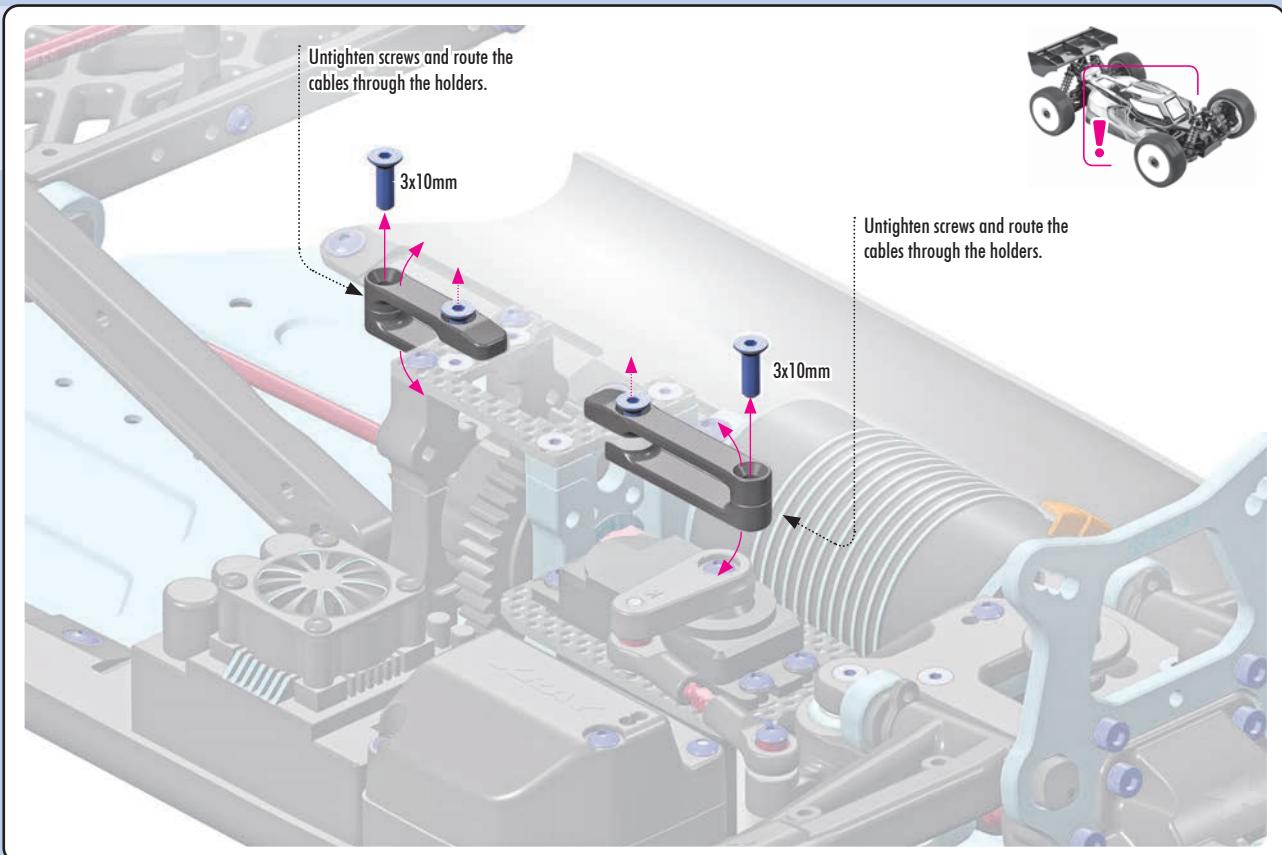


1x 903410
SFH M4x10



1x 903414
SFH M4x14





10. RADIO CASE



4x 902308
SH M3x8



4x 902325
SH M3x25



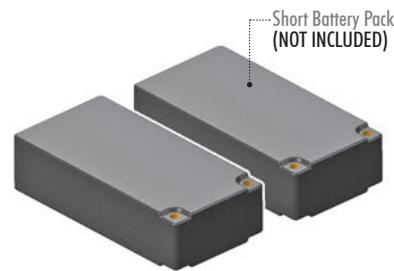
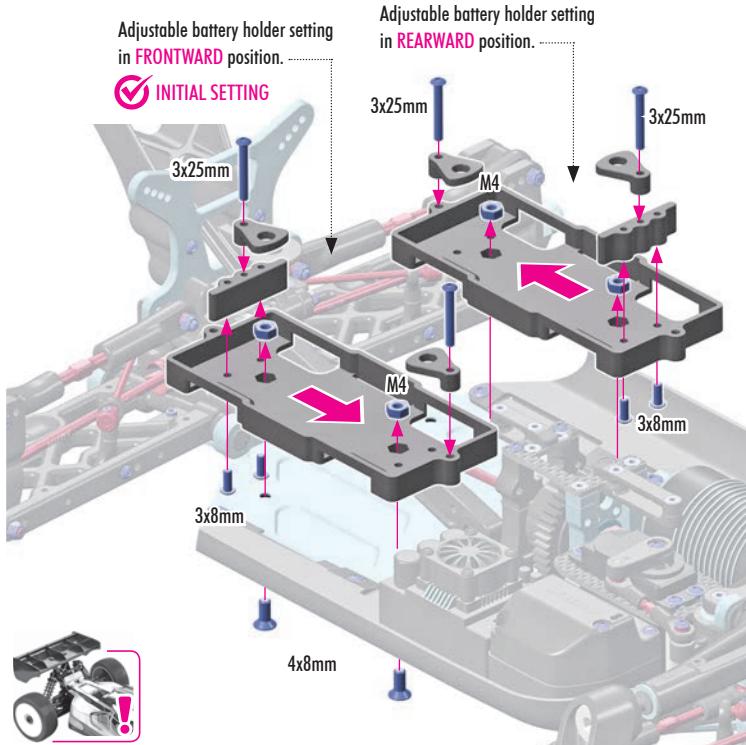
4x 903408
SFH M4x8



4x 960042
N M4

ALTERNATIVE 1

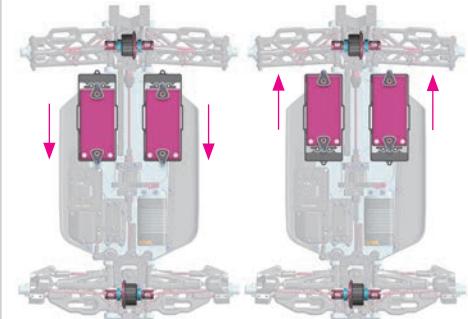
CONFIGURATION **SHORT BATTERY PACK**
SETTINGS WITH BALANCE POSITION



ADJUSTABLE BALANCE

FRONTWARD POSITION

REARWARD POSITION



To ensure correct functioning of the battery holder, DO NOT overtighten the screw; the holder must be able to move.

ORIENTATION FOR
LOW BATTERY
PACK



ORIENTATION FOR
STANDARD BATTERY
PACK



HEIGHT ADJUSTMENT
1 turn = 0.5mm



ALTERNATIVE 2

CONFIGURATION FOR **MID SIZE BATTERY PACK**



4x 902325
SH M3x25



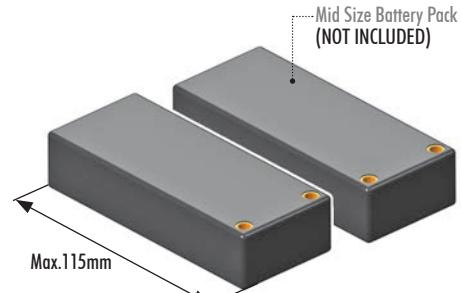
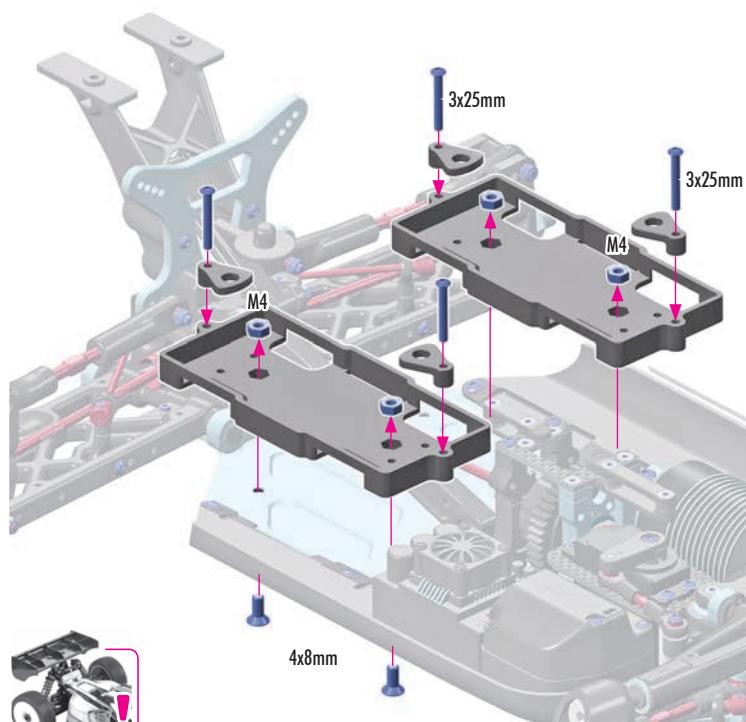
4x 903408
SFH M4x8



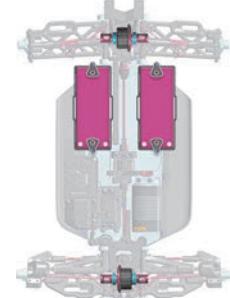
4x 960042
N M4

ALTERNATIVE 2

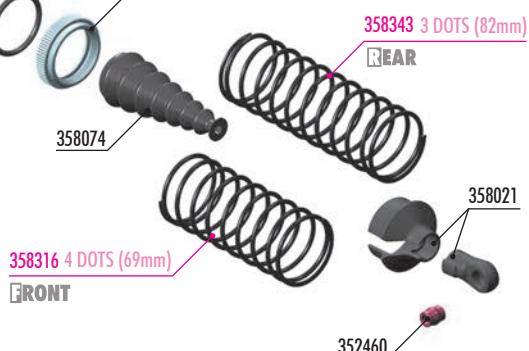
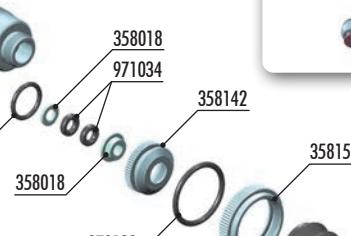
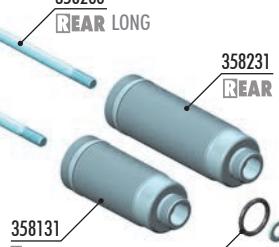
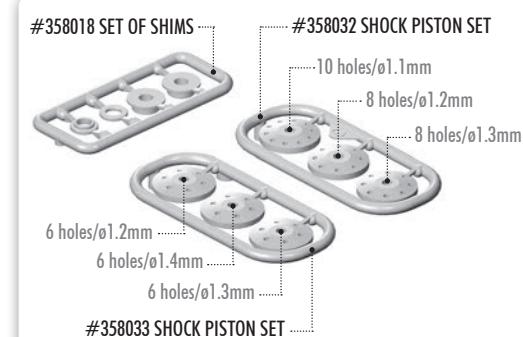
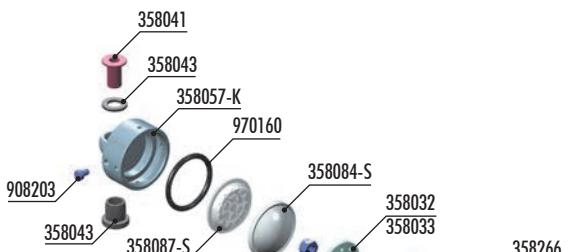
CONFIGURATION FOR **MID SIZE BATTERY PACK**



STANDARD BALANCE



11. SHOCK ABSORBERS



352460

OPTION	SHOCK RUBBER MEMBRANE (4)			
	#358084-S	RIBBED	SOFT	INCLUDED
	#358087-S	CELL	SOFT	INCLUDED
	#358087-M	CELL	MEDIUM	OPTION

OPTION
 #358027 PISTON 5-HOLE (1.5mm) & 2-HOLE (1.0mm) (4)
 #358028 PISTON 6-HOLE (1.3mm) & 2-HOLE (1.1mm) (4)
 #308029 PISTON 6-HOLE (1.4mm) & 2-HOLE (1.1mm) (4)
 #358030 PISTON 8-HOLE (1.2mm) & 2-HOLE (1.2mm) (4)
 #358031 PISTON 8-HOLE (1.3mm) & 2-HOLE (1.2mm) (4)



OPTION	SHOCK SPRINGS					
	#358315	C=0.77-0.80	3 DOTS	69mm	FRONT	OPTION
	#358316	C=0.80-0.83	4 DOTS	69mm	FRONT	INCLUDED
	#358317	C=0.83-0.86	5 DOTS	69mm	FRONT	OPTION
	#358342	C=0.66-0.68	2 DOTS	82mm	REAR	OPTION
	#358343	C=0.68-0.70	3 DOTS	82mm	REAR	INCLUDED
	#358344	C=0.70-0.73	4 DOTS	82mm	REAR	OPTION
	#358334	C=0.66-0.68	2 DOTS	85mm	REAR	OPTION
	#358335	C=0.68-0.70	3 DOTS	85mm	REAR	OPTION

OPTION
 #104005
 HUDY AIR VAC - VACUUM PUMP
 - 1/8 OFF-ROAD



BAGS



352460 PIVOT BALL 5.8 - V3 (10)
 358018 COMPOSITE SET OF SHIMS FOR SHOCKS - V2 (2)
 358021 COMPOSITE SHOCK PARTS WITH KEYED BALL JOINTS
 358032 SHOCK PISTON SET 8-HOLE (1.2; 1.3) 10-H. (1.1mm) - DELRIN - V3
 358033 COMPOSITE SHOCK 6-HOLE PISTON SET (1.2; 1.3; 1.4mm) - DELRIN - V3
 358040 HARDENED SHOCK SHIMS (4)
 358041 STEEL SHOCK BUSHING (2)
 358043 COMPOSITE SHOCK BUSHING & SHIM (2+2)
 358057-K MULTI ADJ. 3-IN-1 ALU SHOCK CAP - SWISS 7075 T6 (2)
 358074 FOLDING SHOCK BOOT (4)
 358084-S SHOCK RUBBER MEMBRANE BOTTOM RIBBED - SOFT (4)
 358087-S SHOCK RUBBER MEMBRANE CELL - SOFT (4)
 358111 FRONT SHOCK ABSORBERS 44.5mm - COMPLETE SET (2)
 358131 ALU FRONT SHOCK BODY 44.5mm - SWISS 7075 T6 (2)
 358142 ALU SHOCK BODY NUT FOR SHOCK BOOT (2)
 358150 ALU SHOCK BODY ADJ. NUT (2)
 358162 FRONT SHOCK SHAFT 56mm (2)
 358211 REAR SHOCK ABSORBERS 55mm - COMPLETE SET (2)

358231 ALU REAR SHOCK BODY 55mm - SWISS 7075 T6 (2)
 358266 REAR SHOCK SHAFT 66.5mm (2)

908203 HEX SCREW SOCKET HEAD CAP M2x3 (10)

960026 NUT M2.5 - SHORT (10)

970100 O-RING 10 x 1.5 (10)

970160 O-RING 16 x 2.0 (10)

970180 O-RING 18 x 1.8 (10)

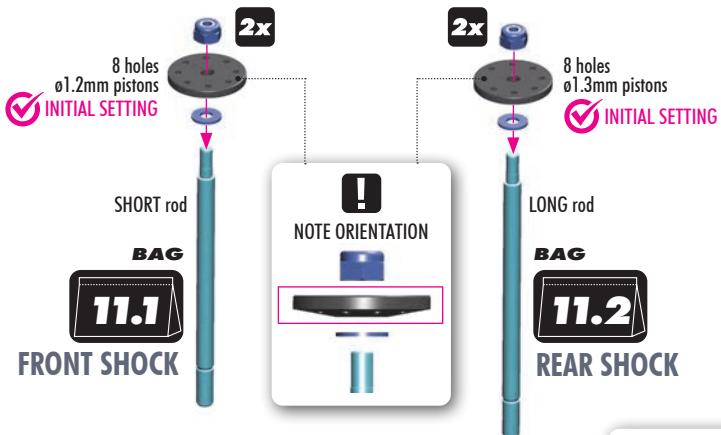
971034 SILICONE O-RING 3.5x2 (10)

358316 XRAY FRONT SPRING 69mm - 4 DOTS (2)

358343 XRAY REAR SPRING 82mm - 3 DOTS (2)

Numbers in parentheses () refer to quantities when purchased separately.

11. SHOCK ABSORBERS



Install the piston with Professional Multi Tool (HUDY #183011).



#175035 Socket 5.0mm
HUDY EXCLUSIVE Limited Edition

OPTION #358027 PISTON 5-HOLE (1.5mm) & 2-HOLE (1.0mm) (4)
#358028 PISTON 6-HOLE (1.3mm) & 2-HOLE (1.1mm) (4)
#308029 PISTON 6-HOLE (1.4mm) & 2-HOLE (1.1mm) (4)
#358030 PISTON 8-HOLE (1.2mm) & 2-HOLE (1.2mm) (4)
#358031 PISTON 8-HOLE (1.3mm) & 2-HOLE (1.2mm) (4)



SET-UP BOOK
SHOCK DAMPING
SHOCK PISTONS



DO NOT OVERTIGHTEN

The self-locking nut is overtightened, causing distortion of the piston. This will negatively affect the free movement of the piston in the shock body.



TIGHTEN GENTLY

The self-locking nut is gently tightened. The piston remains undistorted and fits inside the shock body perfectly, ensuring smooth movement of the piston.



4x 970100
0 10x1.5

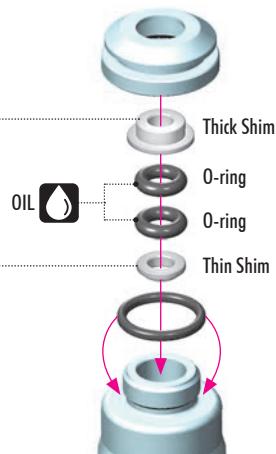
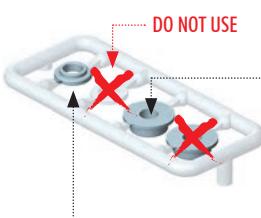


8x 971034
0 3.4x2

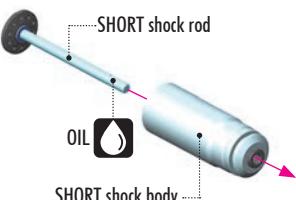
2x FRONT SHOCKS (SHORT)

2x REAR SHOCKS (LONG)

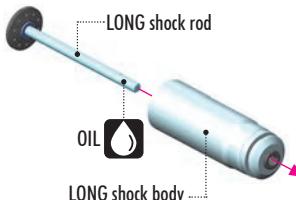
There are two different thickness shims, use them as shown. Use the same procedure when building both front and rear shocks.



2x FRONT SHOCKS



2x REAR SHOCKS



! EXTREMELY IMPORTANT

DO NOT push the shock rod straight through the lower shock body assembly; O-ring damage may result.



INCORRECT



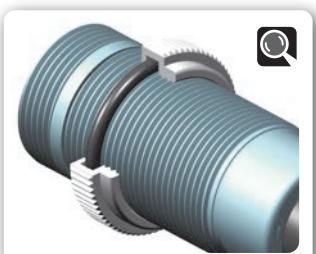
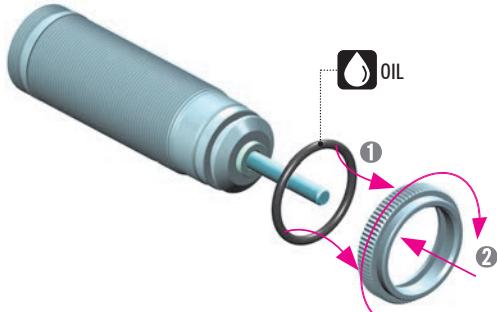
Twist the shock rod through the lower shock body assembly.

CORRECT



4x 970180
0 18x1.8

2x FRONT SHOCKS
2x REAR SHOCKS





SHOCK TYPE: CELL MEMBRANE for LOW GRIP

Follow the steps below to set the shock rebound to the default setting of 0%.

<p>Oil level after filling</p> <p>FRONT (SHORT) Oil 600cSt</p> <p>REAR (LONG) Oil 550cSt</p> <p>1 Extend the shock shaft completely. Fill the shock body with the shock oil.</p>	<p>2 Move the shock shaft up and down a few times to release the air bubbles trapped beneath the piston.</p>	<p>3 Orient the filled shock vertically for several minutes with the shock shaft fully extended. The remaining air bubbles will release.</p>	<p>4 Install the CELL shock membrane and screw into the groove in the upper shock cap.</p>	<p>5 SHOCK CAP HALF 50% TIGHTEN</p> <p>1 Gently place the shock cap assembly onto the filled shock body. 2 Slowly compress the shock shaft towards the top of the shock body and hold in this position. Excess oil will be expelled from the shock.</p>	<p>6 SHOCK CAP 100% TIGHTEN FULLY</p> <p>While still holding the shock shaft in position, fully tighten the shock cap.</p>
--	---	---	---	---	--

SHOCK TYPE: RIBBED MEMBRANE for BUMPY - HIGH GRIP

Follow the steps below to set the shock rebound to the default setting of 0%.

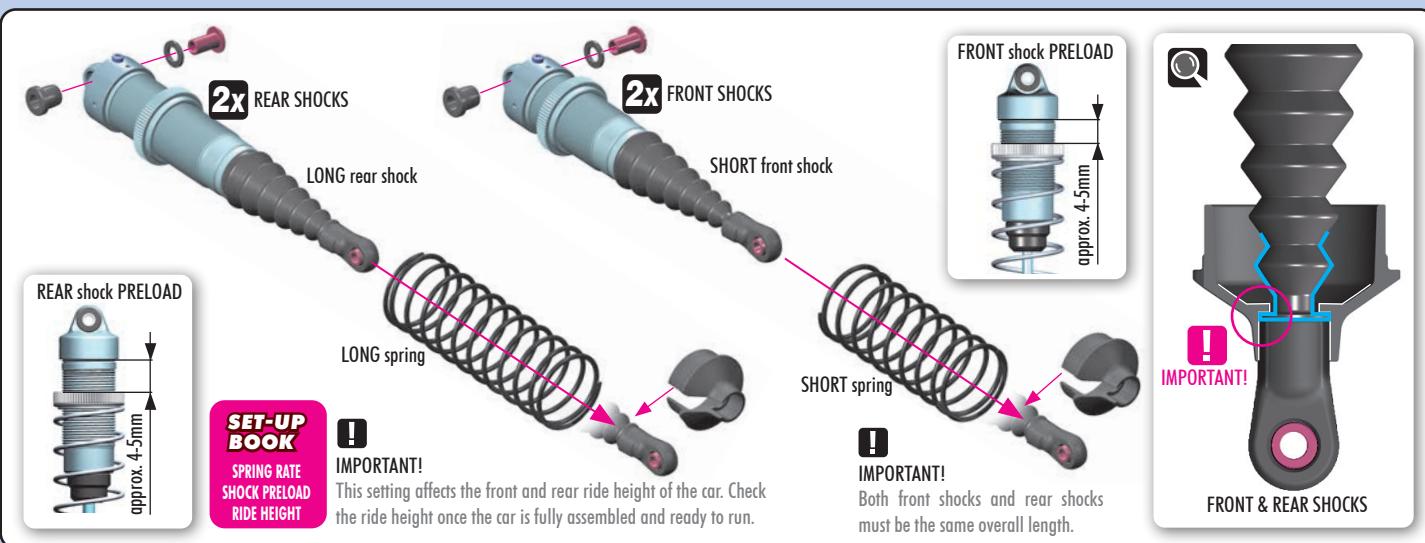
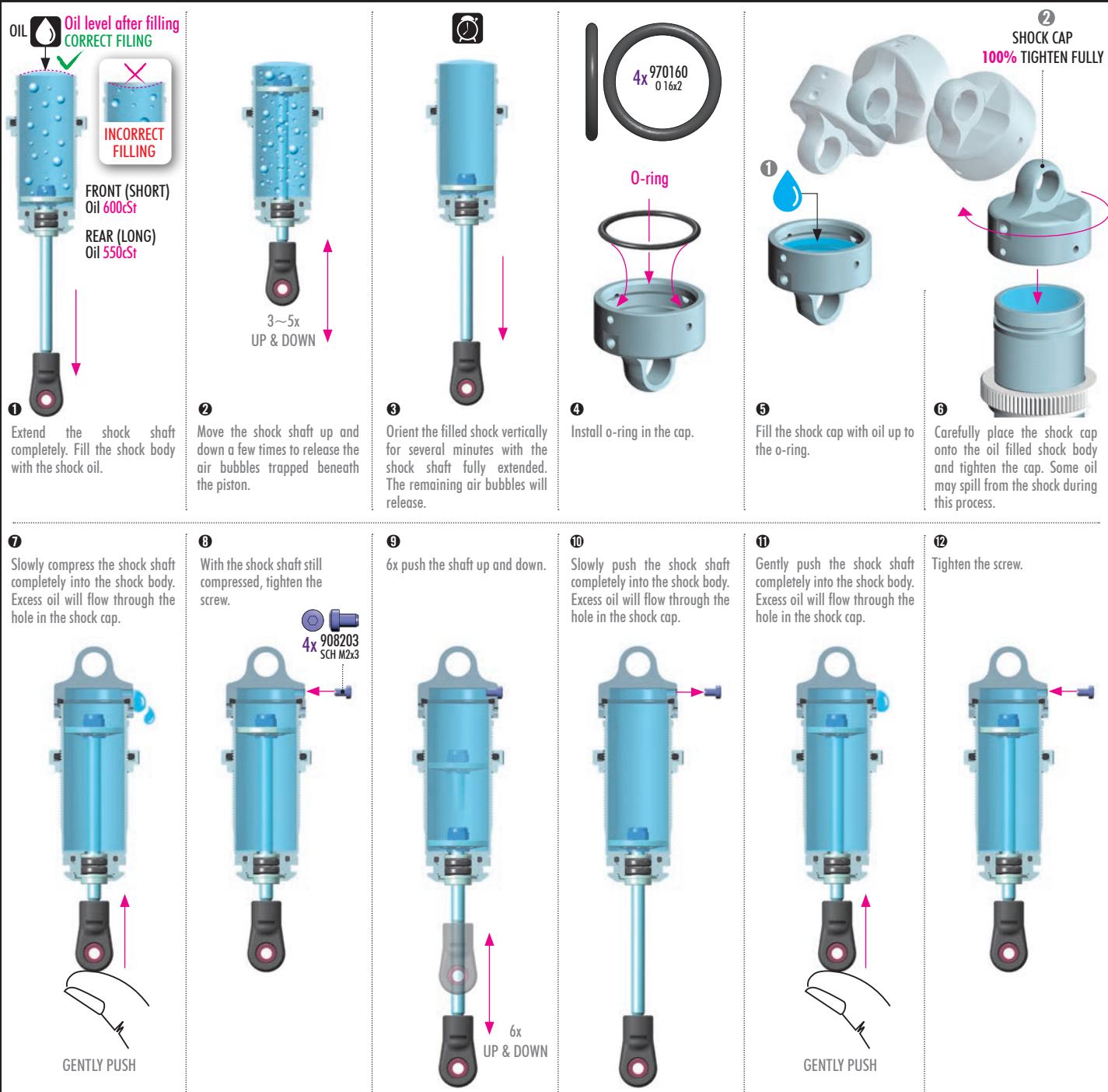
<p>Oil level after filling</p> <p>FRONT (SHORT) Oil 600cSt</p> <p>REAR (LONG) Oil 550cSt</p> <p>1 Extend the shock shaft completely. Fill the shock body with the shock oil.</p>	<p>2 Move the shock shaft up and down a few times to release the air bubbles trapped beneath the piston.</p>	<p>3 Orient the filled shock vertically for several minutes with the shock shaft fully extended. The remaining air bubbles will release.</p>	<p>4 Install the RIBBED shock membrane and screw into the groove in the upper shock cap.</p>	<p>5 SHOCK CAP HALF 50% TIGHTEN</p> <p>1 Gently place the shock cap assembly onto the filled shock body. 2 Slowly compress the shock shaft towards the top of the shock body and hold in this position. Excess oil will be expelled from the shock.</p>	<p>6 SHOCK CAP 100% TIGHTEN FULLY</p> <p>1 Fully tighten the shock cap. 2 Loosen the cap screw. 3 Extend the shock shaft. 4 Slowly compress shock shaft completely into shock body, forcing air from the cap. 5 While still holding the shock shaft in compressed position, re-tighten screw to seal cap.</p>
--	---	---	---	---	--

11. SHOCK ABSORBERS

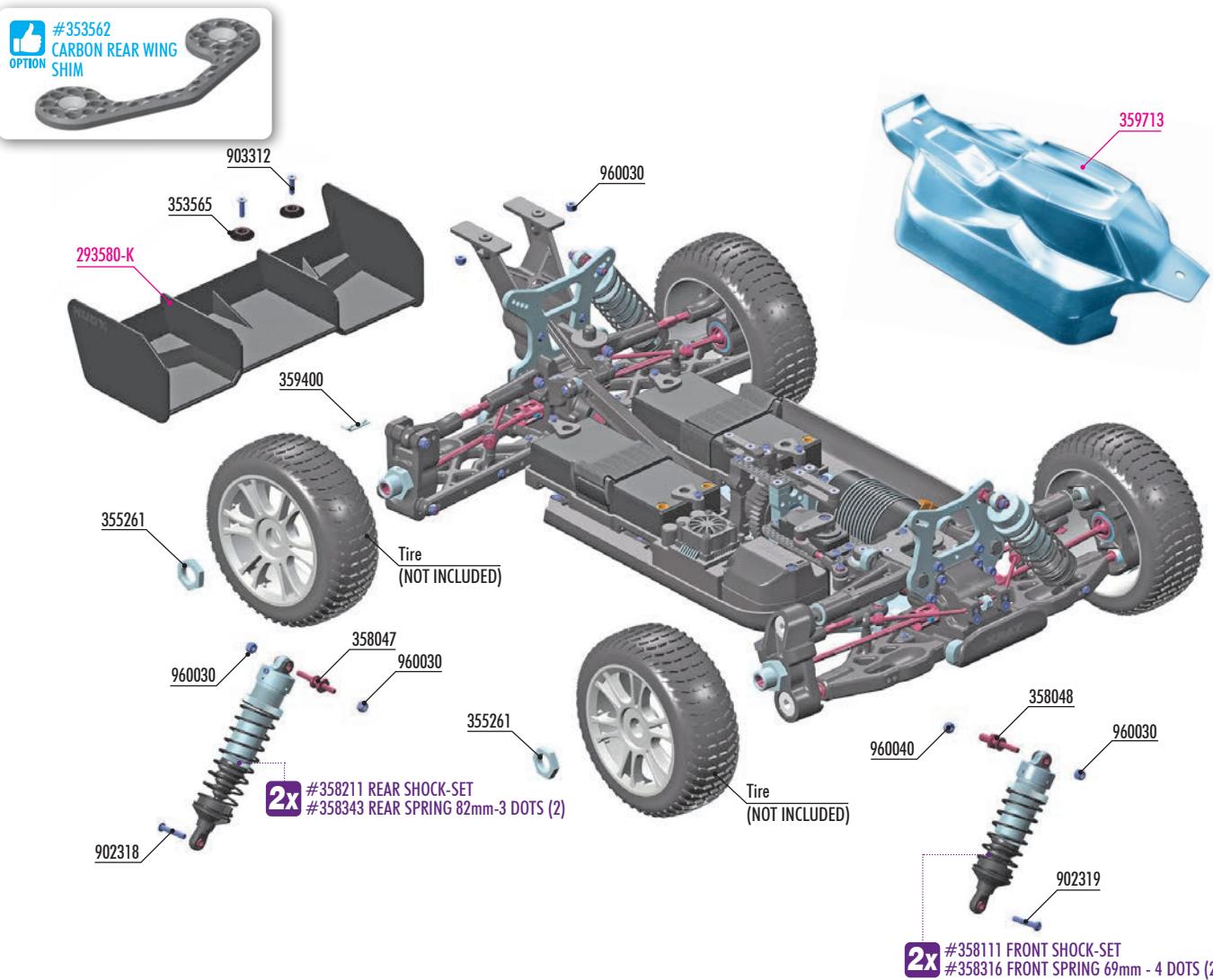
SHOCK TYPE: **EMULSION**

for DEFAULT STANDARD

Follow the steps below to set the shock rebound to the default setting of 0%.



12. FINAL ASSEMBLY



WINGS		
#293580-K	BLACK	INCLUDED
#293580	WHITE	OPTION
#293580-G	GREEN	OPTION
#293580-O	ORANGE	OPTION
#293580-Y	YELLOW	OPTION



LEXAN® REAR WING 1/8 OFF-ROAD
OPTION



LEXAN® FRONT
OPTION WING GRIPPER

WHEEL NUTS		
#355261	OPEN RIBBED	INCLUDED
#293560	COVERED RIBBED	OPTION
#355265	COVERED RIBBED	OPTION



TITANIUM M4/M3 UPPER SHOCK
MOUNT STAND OFF WITH HEX (2)
OPTION

HUDY REAR WING SHIM		
#293561	SILVER	OPTION
#293561-O	ORANGE	OPTION
#293561-K	BLACK	OPTION
#353561	SILVER	OPTION



TITANIUM M3/M3 UPPER SHOCK
MOUNT STAND OFF WITH HEX (2)
OPTION

XB8 BODIES		
#359713	"EAZY"	INCLUDED
#359714	"EAZY" LIGHTWEIGHT	OPTION



353565	COMPOSITE REAR WING SHIM - BLACK (2)
355261	WHEEL NUT - RIBBED - HARD COATED (2)
358047	STEEL M3/M3 UPPER SHOCK MOUNT STAND OFF WITH HEX (2)
358048	STEEL M4/M3 UPPER SHOCK MOUNT STAND OFF WITH HEX (2)
359400	BODY CLIP (10)
902318	HEX SCREW SH M3x18 (10)
902319	HEX SCREW SH M3x18 - LEFT THREAD (10)
903312	HEX SCREW SFH M3x12 (10)

960030	NUT M3 (10)
960040	NUT M4 (10)
293580-K	HUDY 1/8 OFF-ROAD STRIKE WING - BLACK
359713	XRAY XB8 / XB8E "EAZY" BODY
358111	FRONT SHOCK ABSORBERS 44.5mm - COMPLETE SET (2)
358211	REAR SHOCK ABSORBERS 55mm - COMPLETE SET (2)

Numbers in parentheses () refer to quantities when purchased separately.

12. FINAL ASSEMBLY

FRONT SHOCKS (SHORT)

2x **L=R**

902318 SH M3x18 1x
902319 SH M3x18 LEFT thread 1x
960030 N M3 2x
960040 N M4 2x

FRONT SHOCKS (SHORT)

2x **L=R**

NUT M4 **HUDY #181090** 1
HUDY #107581 1

SHORHER M4 **LONGER M3**

NOTE ORIENTATION

Use STANDARD M3x18 screw

3x18mm

! On the front right arm use the SILVER M3x18mm screw - this screw has LEFT THREAD.

! Shock cap NOTE ORIENTATION

REAR FRONT

SET-UP BOOK
SHOCK ABSORBERS

INITIAL SETTING

#358048-T
TITANIUM M4/M3 UPPER SHOCK MOUNT STAND OFF WITH HEX (2)

FRONT

INITIAL SETTING

REAR SHOCKS (LONG)

2x **L=R**

902318 M3x18 1x
902319 SH M3x18 LEFT thread 1x
960030 N M3 4x

REAR SHOCKS (LONG)

2x **L=R**

NUT M3 **HUDY #175535** 1
HUDY #107581 1

SHORHER **LONGER M3**

NOTE ORIENTATION

Use STANDARD M3x18 screw

3x18mm

! On the rear left arm use the SILVER M3x18mm screw - this screw has LEFT THREAD.

! Shock cap NOTE ORIENTATION

FRONT REAR

SET-UP BOOK
SHOCK ABSORBERS

INITIAL SETTING

#358047-T
TITANIUM M3/M3 UPPER SHOCK MOUNT STAND OFF WITH HEX (2)

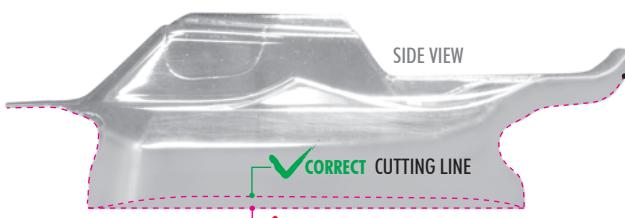
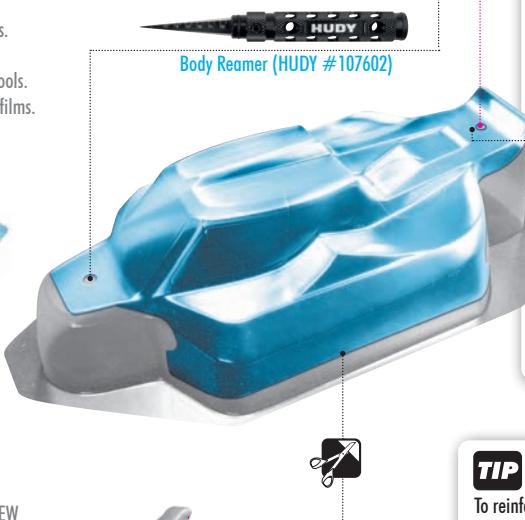
REAR

INITIAL SETTING

12. FINAL ASSEMBLY

BODY PAINTING

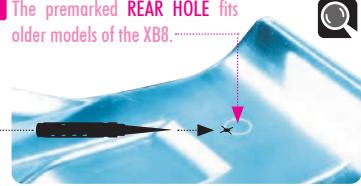
- 1 Before cutting and making holes on the body, put the unpainted body on the chassis to confirm the mounting position and location for holes and cutouts.
- 2 Before painting, wash the inside of the body with mild detergent, and then rinse and dry thoroughly.
- 3 Mask all windows.
- 4 Apply paint masks as appropriate.
- 5 Paint the body using paints formulated for polycarbonate bodies.
- 6 When the paint is dry, remove the masking.
- 7 Carefully cut out the body using appropriate scissors or cutting tools.
- 8 When you have finished cutting, peel off the external protective films.



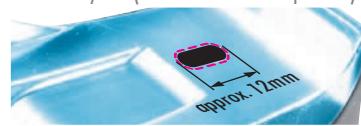
BODY CUTTING

1 FRONT HOLE - mark and cut out the front hole first.

! The premarked REAR HOLE fits older models of the XB8.



2 REAR HOLE - use this marked point as the center of the rear body hole (on the outer line of the premark).



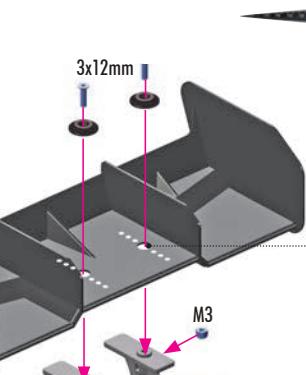
3 Make the rear hole oval front-rear. This will help with clearance in case of chassis flex after a big crash to not tear up the hole.

TIP

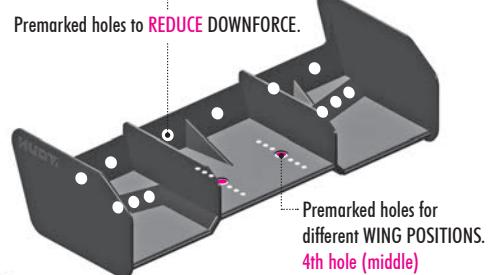
To reinforce the body or to fix broken body use #106281 HUDY BODY FIX.



XB8 BODIES		INCLUDED
#359713	"EAZY"	
#359714	"EAZY" LIGHTWEIGHT	OPTION



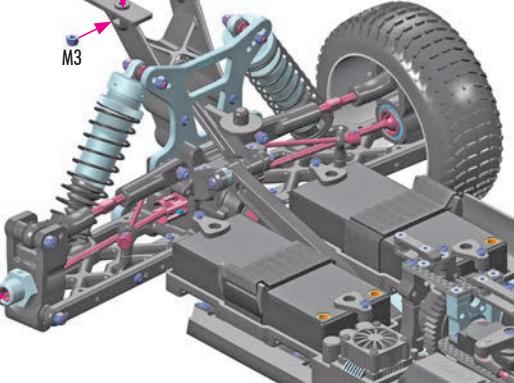
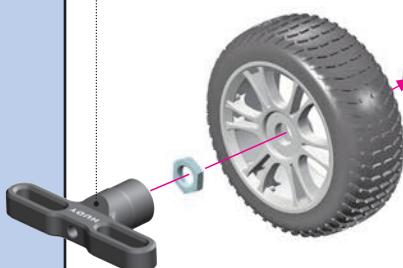
Premarked holes to REDUCE DOWNFORCE.



Premarked holes for different WING POSITIONS.
4th hole (middle)
✓ INITIAL SETTING

TIP 4x

To tighten the setscrew you can also use the HUDY 17mm Wheel Nut Tool #107570.



WHEEL NUTS		
#355261	OPEN RIBBED	INCLUDED
#293560	COVERED RIBBED	OPTION
#355265	COVERED RIBBED	OPTION



#353512 LEXAN® REAR WING 1-8 OFF-ROAD		
---------------------------------------	--	--

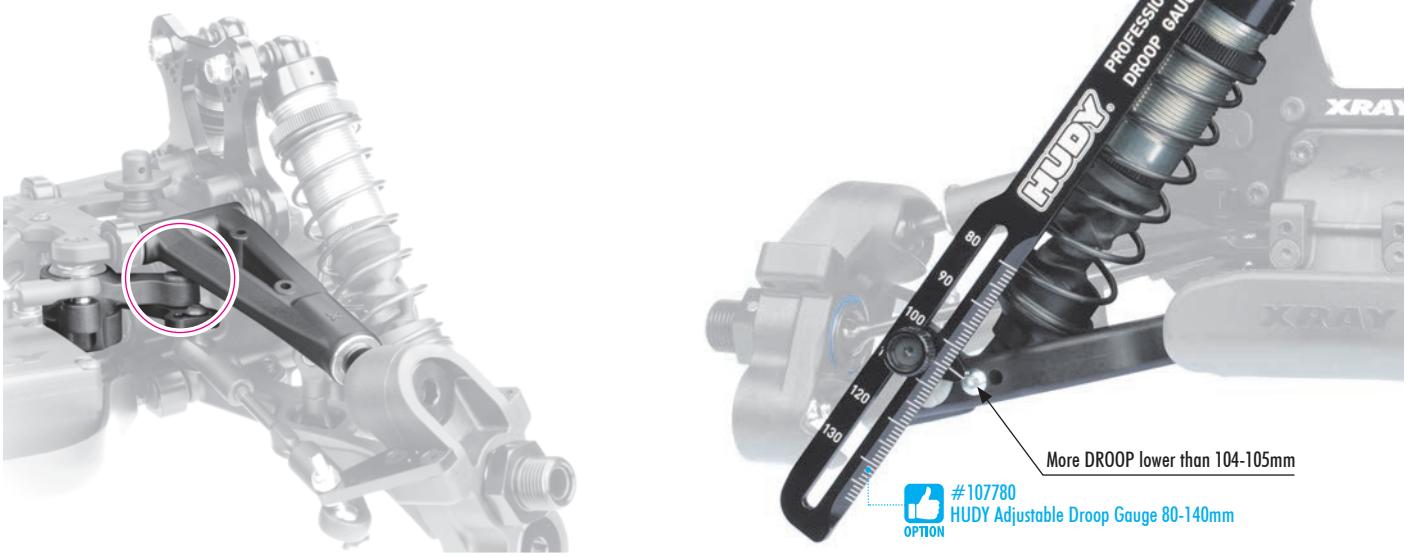


WINGS		
#293580-K	BLACK	INCLUDED
#293580	WHITE	OPTION
#293580-G	GREEN	OPTION
#293580-O	ORANGE	OPTION
#293580-Y	YELLOW	OPTION



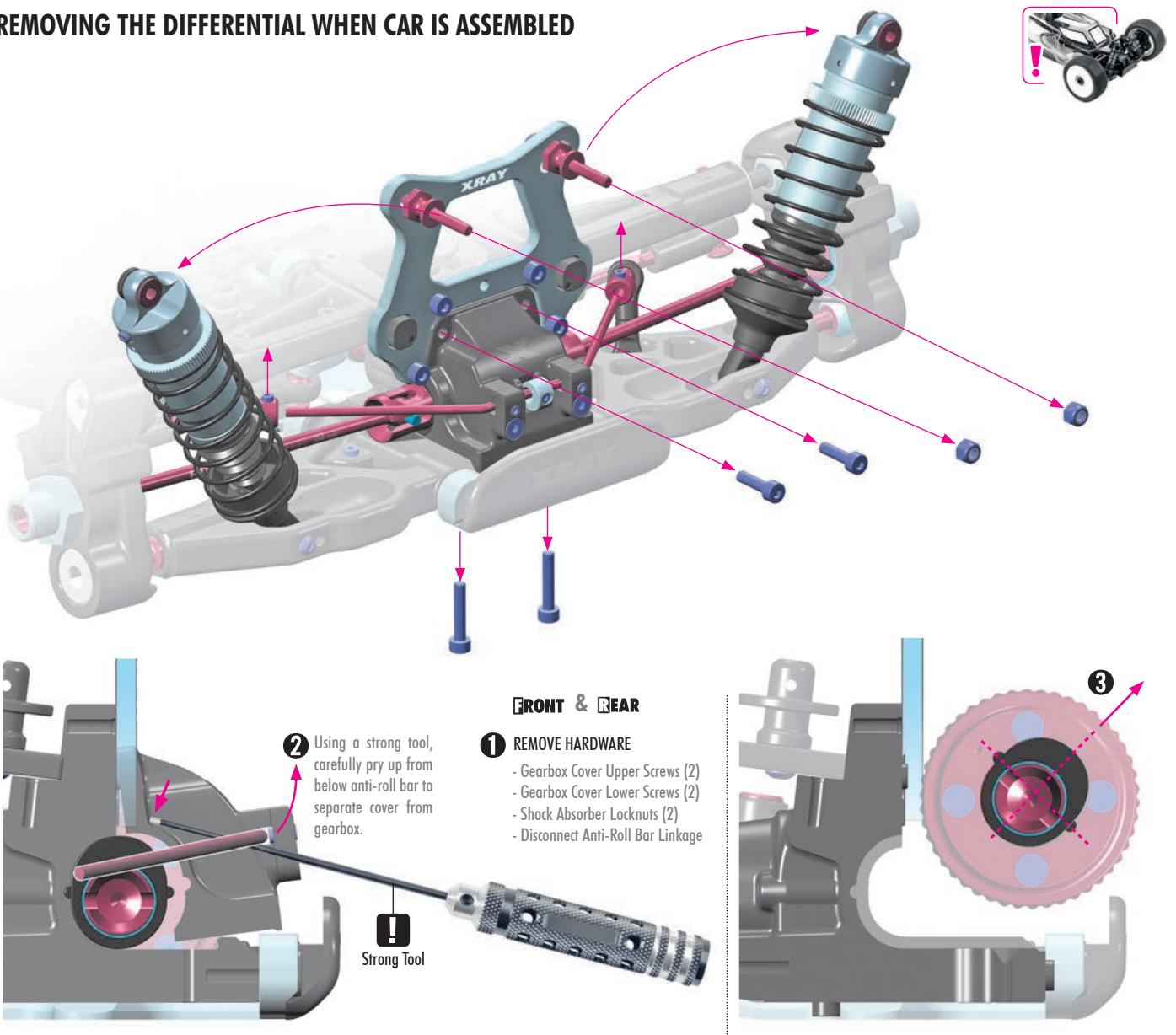
If more than 104mm front droop is used, certain set-up configurations may result in the upper arm contacting the steering bellcranks.

This will have limited impact on handling, but material can be removed from the bottom of the upper arm to avoid contact with the steering assembly if using additional droop.

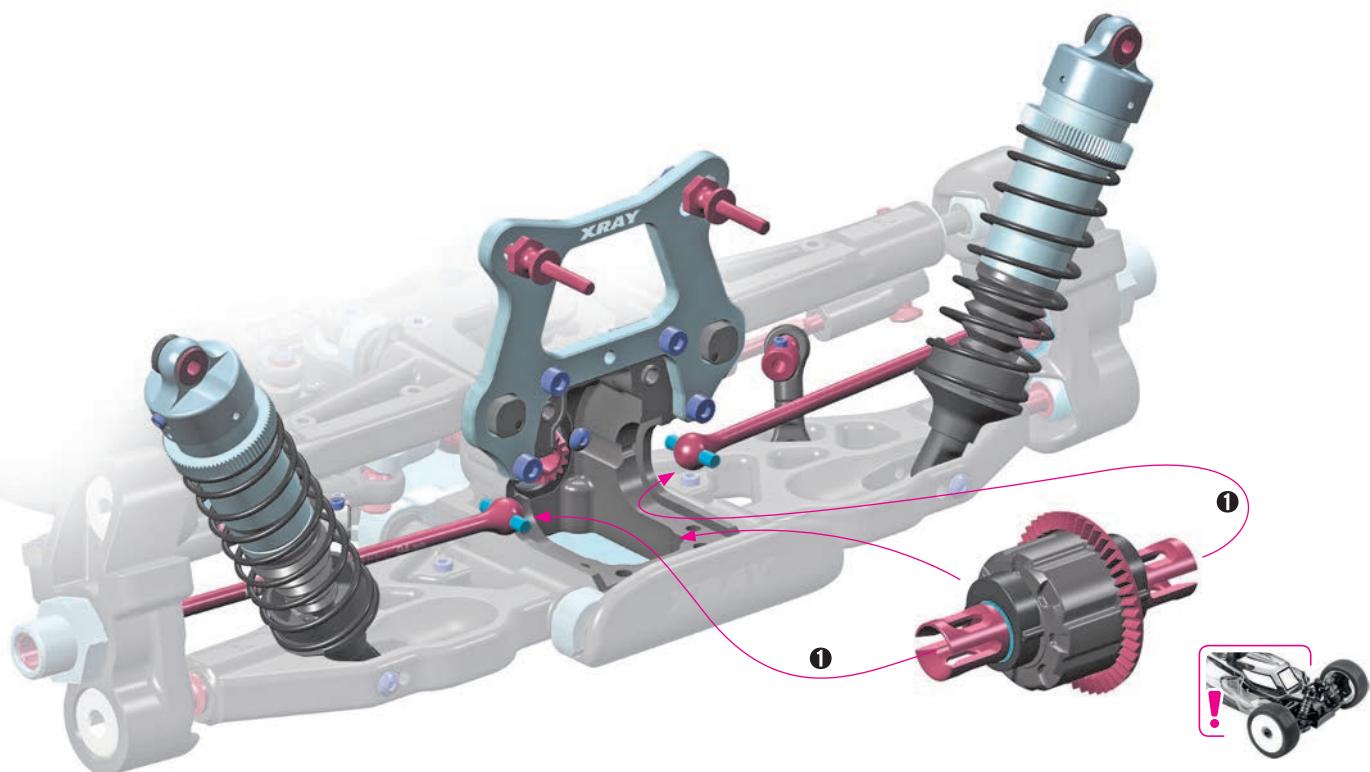


DIFF MAINTENANCE

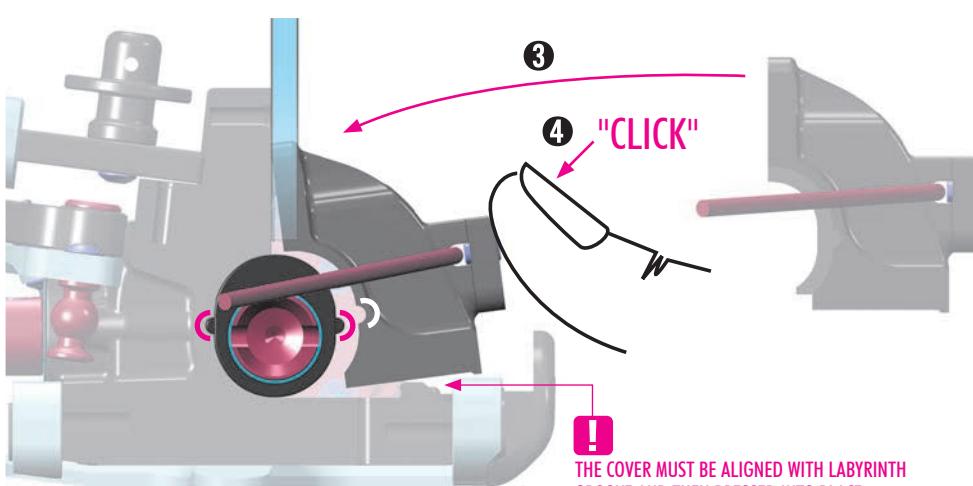
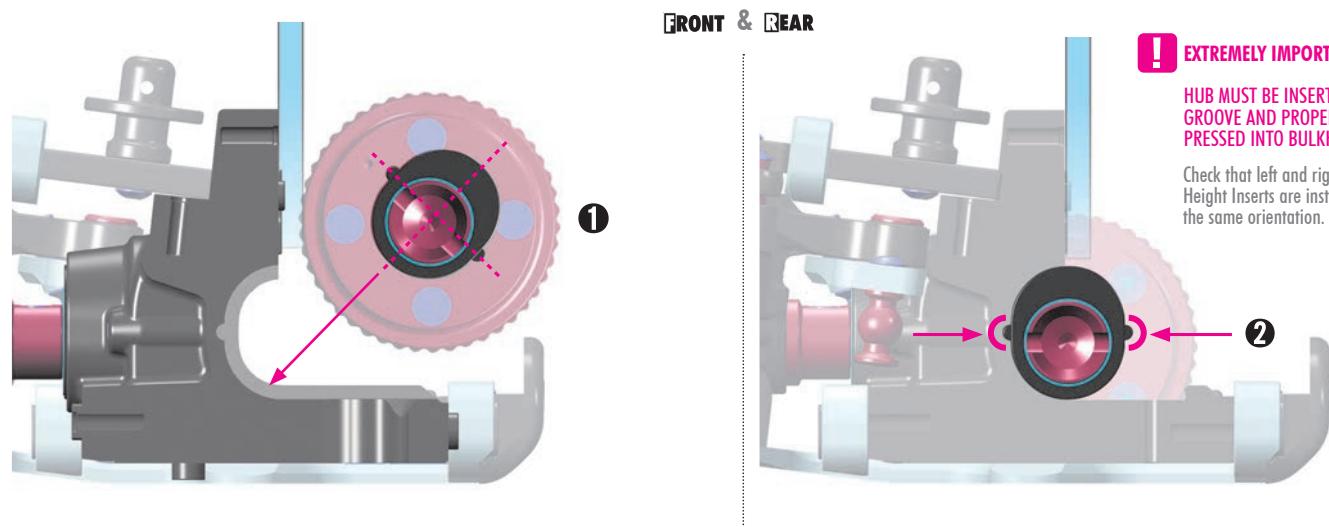
REMOVING THE DIFFERENTIAL WHEN CAR IS ASSEMBLED



INSTALLING THE DIFFERENTIAL WHEN CAR IS ASSEMBLED



FRONT & REAR



RE-INSTALL HARDWARE

- Gearbox Cover Upper Screws (2)
- Gearbox Cover Lower Screws (2)
- Shock Absorber Locknuts (2)
- Reconnect Anti-Roll Bar Linkage



#350912

XB8 Alu Rear Uprights - Multi-Adjustable - Set

- Increases stability
- Ultra strong & durable
- Reduces flex
- Improves consistency

- Multi adjustable roll centers and track width
- Premium Swiss 7075 T6 aluminum



XB8 Carbon Steering Plate (L+R)

- Adjusts aggressivity of the car
- Increases overall steering
- Easy Ackermann position adjustment
- For all surfaces & track conditions

OTHER VARIANTS:

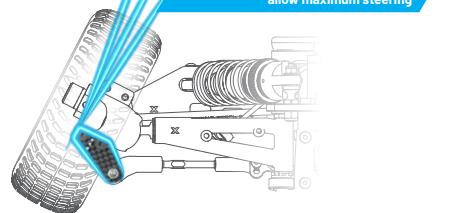
Steering Block Extensions

Part number	Hardness	Type
#352366	Carbon	1 DOT
#352367	Carbon	2 DOT
#352368	Carbon	3 DOT
#352372	Alu	1 DOT
#352370	Alu	2 DOT

3 DOT Progressive steering & minimum steering

2 DOT Balanced handling characteristics

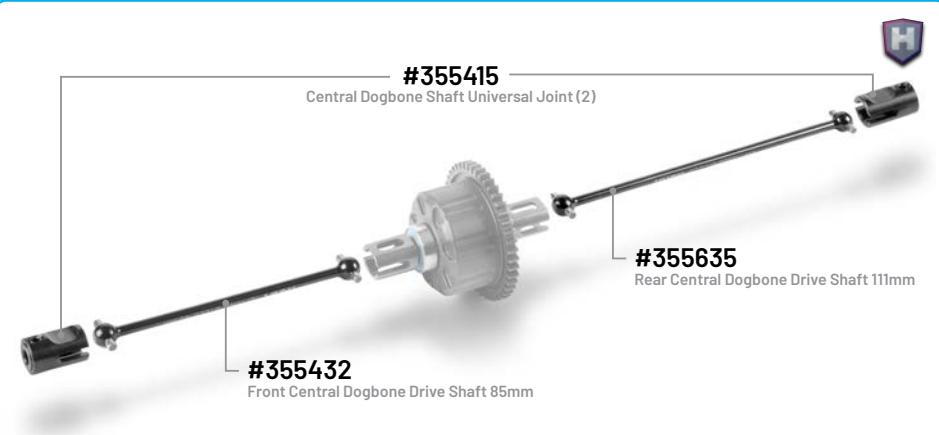
1 DOT More linear steering & allow maximum steering



#353396

Graphite Extension Alu Rear Upright - 2mm Lower Camber Link 2 DOT (1+1)

- Carbon extensions for alu rear uprights
- 2mm lower roll center positions
- Allows to keep camber link in same position when uprights rises
- Lightweight
- High-grade carbon material made in USA



#355415

Central Dogbone Shaft Universal Joint (2)

#355635

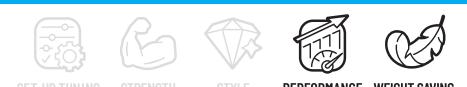
Rear Central Dogbone Drive Shaft 111mm

#355432

Front Central Dogbone Drive Shaft 85mm

Central Drive Train

- Improves forward traction
- Lightweight design
- Easy maintenance
- Longer lifespan
- HUDY Spring Steel™





Composite Rear Lower Suspension Arms

- Different hardness arms are available for additional turning options

OTHER VARIANTS:

Rear Lower Suspension Arm	
Part number	Hardness
#353115	Medium
#353116-H	Hard
#353116-XH	X-Hard
#353116-G	Graphite

MEDIUM:

For low traction. Generates more traction on rear suspension.

HARD:

Balanced flex. Most versatile for all conditions.

X-HARD:

For medium-high traction. Improves stability.

GRAPHITE:

For very high-traction. Improves stability and corner speed.

OTHER VARIANTS:

Rear Lower Suspension Arm - Short		
Part number	Size	Hardness
#353127-H	Short	Hard
#353127-XH	Short	X-Hard
#353127-G	Short	Graphite

- increases rotation

HARD:

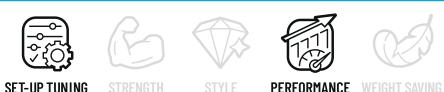
Balanced flex. Most versatile for all conditions.

X-HARD:

For medium-high traction. Improves stability.

GRAPHITE:

For very high-traction. Improves stability and corner speed.



Composite Rear Lower Suspension Arm - LSM

- Low Suspension Mounting LSM design
- For very rough & bumpy tracks
- Helps to gain traction & stability
- Consistent handling in rough terrain

HARD:

Balanced flex. Most versatile for all conditions.

GRAPHITE:

For very high-traction. Improves stability and corner speed.

OTHER VARIANTS:

Rear Lower Suspension Arm - LSM		
Part number	Orientation	Hardness
#353124-H	RIGHT	HARD
#353125-H	LEFT	HARD
#353124-G	RIGHT	GRAPHITE
#353125-G	LEFT	GRAPHITE



XB8 Composite Front Lower Suspension Arm

- Different hardness arms are available for additional turning options

SOFT:

For low traction. Generates more traction and steering.

MEDIUM:

Most versatile for all conditions.

GRAPHITE:

For high traction. Improves stability. More precise steering and less stopping in corners.

OTHER VARIANTS:

Front Lower Susp. Arms	
Part number	Hardness
#352120	Soft
#352120-M	Medium
#352120-G	Graphite



#353280

Carbon Insert for Medium Rear Composite Brace - Set

- Easy flex adjustment
- Makes rear end of the chassis stiffer
- Decreases flex
- Increases stability on high traction



#351351

Carbon Upper Plate With Two Brace Positions

- Reduces flex
- Enhances steering response
- Increases precision
- Lightweight
- Super lightweight
- High-grade carbon material made in USA



XRAY TUNING PARTS

(NOT INCLUDED)



#358087-M

XB8 Shock Rubber Membrane Cell - Medium (4)

- More rebound than Soft membrane
- Generates more traction
- Improves landings
- Equal damping characteristics



#358084-S Ribbed Membrane

Soft ribbed design with the slowest rebound, generating less traction. Ideal for high-traction or bumpy tracks where slower shock response increases stability.



#358087-S Soft Membrane

Soft cell membrane with faster rebound for more traction and a more responsive feel on low-traction conditions.



#358087-M Medium Membrane

Medium material creates the fastest rebound, generating maximum traction and sharper shock response, improving jumps and landings.



2-Way Flow Delrin Shock Pistons Set

- Improves landings
- Increases traction
- Super smooth action
- Rubber valve influences oil flow

OTHER VARIANTS:

Delrin Shock Pistons				
Part number	Holes	Ømm	Holes	Ømm
#358027	5	1.5mm	2	1.0mm
#358028	6	1.3mm	2	1.1mm
#358029	6	1.4mm	2	1.1mm
#358030	8	1.2mm	2	1.2mm
#358031	8	1.3mm	2	1.2mm



Front & Rear Shock spring - Set

- Laser-engraved for easy identification
- Matched pairs guarantee equal damping characteristics
- Less dots = softer spring
- More dots = stiffer spring
- Softer springs increase traction
- Stiffer springs increase corner speed

OTHER VARIANTS:

Front spring		
Part number	Length	Marked
#358315	69mm	3 Dot
#358316	69mm	4 Dot
#358317	69mm	5 Dot

Rear spring		
Part number	Length	Marked
#358342	82mm	2 Dot
#358343	82mm	3 Dot
#358344	82mm	4 Dot
#358334	85mm	2 Dot
#358335	85mm	3 Dot



Titanium M3/M3 Upper Shock Mount Stand Off with Hex (2)

- Premium titanium material
- Super lightweight design
- Reinforced in mounting area
- High durability
- Lowers CG



Lexan® Eazy Body - Lightweight

- Lightweight
- Reduces chassis roll
- Increases corner speed
- Lower CG



XB8 Lexan® Front Upper Arm Wings IFMAR Legal - Set

- Increases front downforce
- Increases front traction
- Helps to keep the buggy nose down
- Mounts directly on front upper arms
- Lightweight & durable

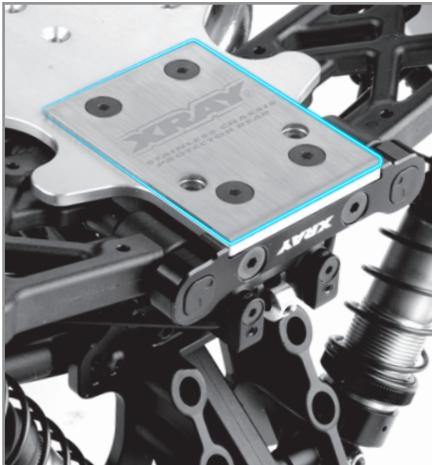




FRONT BOTTOM VIEW



REAR BOTTOM VIEW



X8 Stainless Steel Chassis Protector - Front & Rear

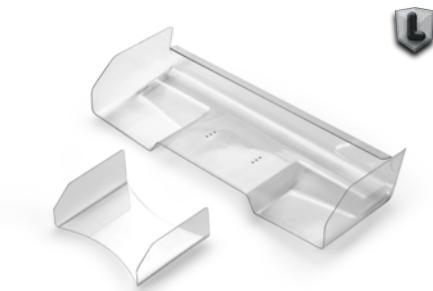
- Protects chassis
- Significantly increases chassis lifetime
- Especially useful on abrasive tracks
- Chamfered edges for smoother jumps



#353590

Lexan® Front Wing - Gripper

- Increases front downforce
- Optimized aerodynamics
- Lightweight & durable
- Enhanced control & steering
- Smoother jumps



#353512

Lexan® Rear Wing - 1/8 Off-road

- Super lightweight
- Improves rotation
- Improves stability on high traction
- Pre-cut
- 2-piece design with center fin



XB8 Front Upper Arm for Arm Wing

- Different hardness arms are available for additional turning options

SOFT:

For low traction. Generates more traction and steering.

MEDIUM:

Balanced flex. Most versatile for all conditions

GRAPHITE:

For high traction. Improves stability. More precise steering and less stopping in corners.

OTHER VARIANTS:

Front Upper Arms

Part number	Hardness
#352135	Soft
#352135-M	Medium
#352135-G	Graphite



SET-UP TUNING STRENGTH STYLE PERFORMANCE WEIGHT SAVING



#351161-S

Chassis Side Guard L+R - Soft

- Durable Soft composite
- Increases flex
- Improves traction
- Improves consistency on low-traction
- Better bump absorption



XRAY TUNING PARTS

(NOT INCLUDED)



Alu Wheel Axles

- Precision track-width change
- Marked for easy identification
- Lightweight
- Black coated
- Premium Swiss 7075 T6 aluminum

OTHER VARIANTS:

Alu Wheel Axles		
Part number	Size	Slot
#355250	0mm	0 slot
#355251	+1mm	1 slot
#355252	+2mm	2 slot
#355253	+3mm	3 slot
#355254	+4mm	4 slot
#355255	+5mm	5 slot



XB8 PB Steering Block LB

- Different hardness steering blocks are available for additional tuning options

MEDIUM:

For low traction. Generates more traction and steering.

HARD:

Balanced flex. Most versatile for all conditions.

GRAPHITE:

For high traction. Improves stability. More precise steering and less stopping in corners.

OTHER VARIANTS:

PB Steering Block LB	
Part number	Hardness
#352244	Medium
#352244-H	Hard
#352244-G	Graphite



XB8 Rear Uprights

- Increases stability
- Ultra strong & durable
- Reduces flex
- Improves consistency
- Multi adjustable roll centers and track width
- Premium Swiss 7075 T6 aluminum

Different hardness rear uprights are available for additional tuning options.

MEDIUM:

For low traction. Generates more traction.

HARD:

Balanced flex. Most versatile for all conditions.

GRAPHITE:

For high traction. Reduced flex to improve stability.

ALUMINIUM:

For maximum precision & rigidity. Delivers consistent geometry on very high-traction and improves stability.

OTHER VARIANTS:

XB8 Rear Uprights		
Part number	Type	Hardness
#353354	Composite	Medium
#353354-H	Composite	Hard
#353354-G	Composite	Graphite
#350912	Set	Alu



#354011-G

Center Diff Mounting Plate Set Higher - Graphite

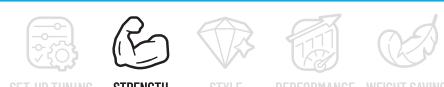
- Special graphite composite mixture
- Increased strength
- Lower weight
- Extreme heat resistance
- Durable graphite composite



#355086

Extreme Heat Resistant F/R Alu Diff Pin with Inserts (2+4)

- For extreme heat conditions
- Lightweight & durable
- Increases lifetime
- Smoother and more stable handling on high traction
- Heat-resistant inserts for consistent performance



#355085

Heat Resistant Alu Diff Pin & Inserts - 2G Config. F/R (2+4)

- Designed for 2-gear differential configuration
- Lightweight & durable
- Smoother and more stable handling on high traction
- No flat spot pin design for improved durability
- Heat-resistant inserts for consistent performance



XRAY TUNING PARTS

(NOT INCLUDED)



Center Diff Spur Gear - Steel

- For small center diff
- Extra-durable
- Precision-machined
- Smooth operation
- HUDY Spring Steel™



#355222

Universal Drive Shaft - HUDY Spring Steel™

- Makes car more free
- Reduced resistance at full steering angle
- Increases corner speed
- For front & rear suspension
- HUDY Spring Steel™



#354814

Bevel Drive Pinion Gear 14T Matched for 46T Large Bevel Gear

- For larger tracks
- Improves top speed
- Eliminates spinning
- Smooth operation
- Matched for 46T bevel gear #354846



OTHER VARIANTS:

Center Diff Spur Gear

Part number	Hardness	Gearing
#355052	Steel	44T
#355051	Steel	45T
#355050	Steel	46T



#355064

Front Diff Outdrive Adapter Long - V2 - HUDY Spring Steel™ (2)

- Longer design
- Prevents drive shaft from falling out during heavy crashes
- CNC-machined
- HUDY Spring Steel™

#355215

CVD Adjustable Drive Axle - HUDY Spring Steel™ (2)

- Unique length adjustment of driveshaft
- Precise fit
- Lightweight & durable
- Positions the driveshaft further outward
- Extra-long lifespan
- HUDY Spring Steel™



#355022-G

Differential Case V2 - Graphite

- Durable graphite composite
- Lightweight
- Higher temperature resistance
- Higher wear resistance



#354946-G

Center Diff Spur Gear - Graphite

- Durable graphite composite
- Lightweight
- Reduces rotating mass
- Reduces equipment operating temperatures



#352526

Alu Servo Saver Lower Arm Swiss 7075 T6

- Servo saver lower arm
- Hard coated for increased lifespan
- Improves durability
- Reduces flex in steering assembly
- Premium Swiss 7075 T6 aluminum
- Improves performance in all conditions



HUDY SET-UP TOOLS & ACCESSORIES

(NOT INCLUDED)



TOE



CASTER



FRONT & REAR CAMBER



WHEEL NUTS INCLUDED



SET-UP BOOK



STEERING



CARRYING BOX & FOAM INSERTS



ASSEMBLY NUTS INCLUDED

#108801

HUDY Set-Up Station for 1/8 Off-road

- Must-have set-up tool for a complete suspension geometry adjustment
- Quick and straight-forward "one screw" assembly/disassembly
- Backlash-free, wobble-free mounting
- Fully ball-bearing equipped set-up stands (12 high-precision ball-bearings)
- Ultra-smooth, ultra-precise movement and operation
- CNC-machined from high-grade premium Swiss 7075 T6 aluminum

- CNC-machined upside measure plate form tough acrylic plastic
- All components have precision engraving for instant & reliable readings
- Carrying box with foam inserts for safe storage & transportation
- High-quality, super precision & long life
- Industry standard for set-up tools since 1992



SET-UP TUNING



STRENGTH



STYLE



PERFORMANCE



WEIGHT SAVING



#293407 (23T)

#293408 (24T)

#293409 (25T)

Alu Clamp Servo Horns

- Increase reliability & strength
- Clamp design
- Easy to access set screw from top
- Maximum steering control
- Drilled & tapped for 3mm linkage

- Zero flex
- Black coated
- Premium Swiss 7075 T6 aluminum



SET-UP TUNING



STRENGTH



STYLE



PERFORMANCE



WEIGHT SAVING



#293501 (23T)

#293502 (24T)

#293503 (25T)

Alu Steering Servo Horn

- Increase reliability & strength
- Easy to access set screw from top
- Maximum steering control
- Drilled & tapped for 3mm linkage
- Zero flex

- Black coated
- Premium Swiss 7075 T6 aluminum



SET-UP TUNING



STRENGTH



STYLE



PERFORMANCE



WEIGHT SAVING



HUDY Titanium Super-Low Head Screw - Centering Diameter

- Titanium material
- Super lightweight
- Centering Diameter on Super-Low Head Screws
- Ultra-precise
- Long life
- High durability
- Made by HUDY
- Made in Europe

OTHER VARIANTS:

Part number	Length	Pcs	Image
#908305-T	5mm	10	
#908306-T	6mm	10	
#908308-T	8mm	10	
#908310-T	10mm	10	
#908312-T	12mm	10	
#908314-T	14mm	4	
#908316-T	16mm	4	
#908318-T	18mm	4	
#908325-T	25mm	4	



HUDY Titanium Flat Head Screw

OTHER VARIANTS:

Part number	Length	Pcs	Image
#903306-T	6mm	10	
#903308-T	8mm	10	
#903310-T	10mm	10	
#903312-T	12mm	10	



HUDY SET-UP TOOLS & ACCESSORIES

(NOT INCLUDED)



#104005

HUDY Air Vac - Vacuum Pump 1/8 Off-Road

- Removes air from shock absorbers & diffs in seconds
- Ultra compact & handy design
- Machined from premium Swiss 7075 T6 aluminum
- Includes holders for shock absorbers & differential
- Included 600mm connecting cable with gold-plated banana plugs
- Premium hard case for safe storage & transport
- Individually assembled & tested
- Works with 12V power supply or 7.2V battery (not included)
- May be used also as a tire additive penetrator



Holders for shock absorbers



Holders for differential



#102405

HUDY Tire Gluing Jig 1/8 Off-Road

- For perfect tire alignment & even glue application
- Secure tire hold for consistent gluing results
- Lightweight & extremely rigid construction
- Durable black-anodized finish with laser-engraved HUDY logo
- Compact & stylish

- Ideal for pit & travel use
- Designed for 1/8 off-road buggy tires
- Premium Swiss 7075 T6 aluminum
- CNC-machined



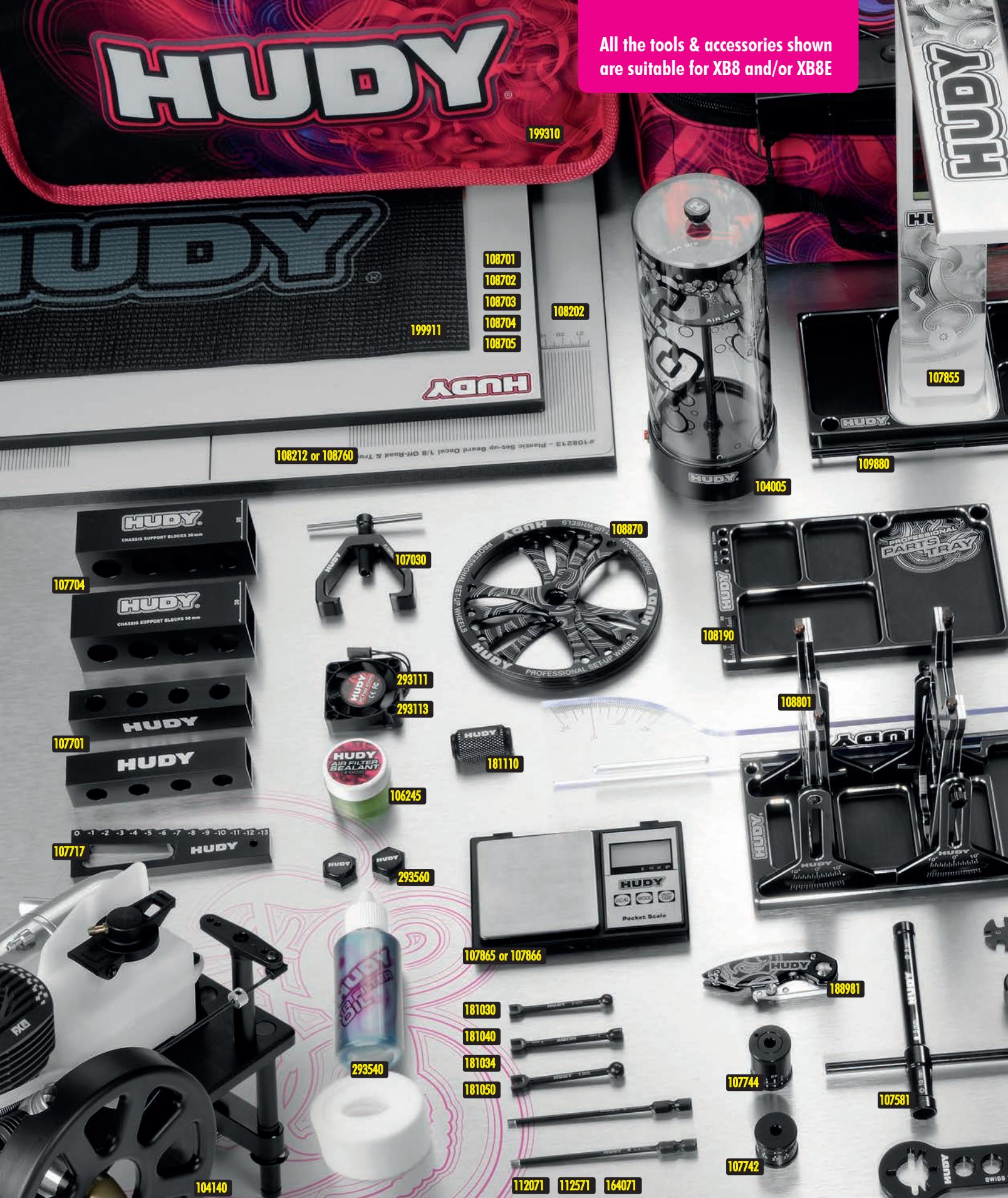
#107763

HUDY Adjustable Ride Height Gauge 5-40mm

- Easy & fast ride height adjustment
- Adjustable gauge in range 5-40mm
- Extremely durable and wear resistant
- 1mm increments
- Small & lightweight



All the tools & accessories shown
are suitable for XB8 and/or XB8E



- #104005 Hudy Air Vac - Vacuum Pump - 1/8 Off-Road
- #104140 Hudy Engine Break-In Bench
- #104500 Hudy Star-Box 1/8 Off-Road
- #105500 Hudy Universal Tire Balancing Station
- #105510 Wheel Adapter for 1/8 Off-Road Cars, Truggy & Rally Game
- #106000 Hudy Drive Pin Replacement Tool (for 3mm Pins)
- #106200 Hudy Magic Cleaning Gum
- #106245 Hudy Air Filter Sealant
- #107030 Hudy Flywheel Puller
- #107090 Hudy Bearing Check Tool
- #107570 Hudy 17mm Off-Road Wheel Nut Tool
- #107581 Hudy Cross Wrench Glowplug # 8mm / Clutchnut # 10mm
- #107602 Limited Edition - Reamer for Body 0-18mm + Cover - Large
- #107612 Limited Edition - Exhaust Spring / Caster Clip Remover

- #107644 Limited Edition - Arm Reamer # 4.0mm
- #107701 Chassis Droop Gauge Support Blocks 20mm for 1/8 - LW(2)
- #107704 Chassis Droop Gauge Support Blocks 30mm 1/8 Off-Road - LW (2)
- #107717 Chassis Droop Gauge 0 to -13 mm for 1/8 Off-Road
- #107742 Hudy Adjustable Ride Height Gauge 20-30mm
- #107744 Hudy Adjustable Ride Height Gauge 30-45mm
- #107762 Hudy Adjustable Camber Gauge 110mm
- #107780 Hudy Adjustable Droop Gauge 80-140mm
- #107783 Hudy Droop Gauge 70-140mm
- #107855 Hudy Pit LED
- #107865 Hudy Ultimate Digital Pocket Scale 300g/0.01g
- #107866 Hudy Professional Digital Pocket Scale 3000g/0.1g
- #108170 Hudy Off-Road & Truggy Car Stand
- #108190 Hudy Alu Tray for Parts

- #108202 Flat Set-Up Board for 1/8 Off-Road & Truggy
- #108212 Plastic Set-up Board Decal for 1/8 Off-Road & Truggy
- #108701 Flat Set-Up Board 1/8 Off-Road & GT - Lightweight - Grey
- #108702 Flat Set-Up Board 1/8 Off-Road & GT - Lightwt. - Silver Grey
- #108703 Flat Set-Up Board 1/8 Off-Road & GT - Lightwt. - Dark Grey
- #108704 Flat Set-Up Board 1/8 Off-Road & GT - Lightweight - Titan
- #108705 Flat Set-Up Board 1/8 Off-Road & GT - Lightweight - Black
- #108760 Plastic Set-Up Board Decal 399x545mm - 1/8 Off-Road & GT
- #108801 Hudy Set-Up Station for 1/8 Off-Road Cars & Truggy
- #108841 Upside Measure Plate for 1/8 Truggy
- #108860 Alu Nut for 1/8 Off-Road System (4)
- #108870 Alu Set-up Wheel for 1/8 Off-Road Cars - V2 (4)
- #109802 Hudy Alu Tray for 1/8 Off-Road Diff & Shocks
- #109841 Hudy Alu Tray for 1/8 Off-Road Diff Assembly

EXCLUSIVE PROFESSIONAL

HUDY

199184

104500

HUDY

199060

109802

108170



109841



106200



107762



105500

199270



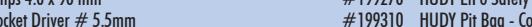
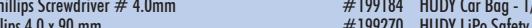
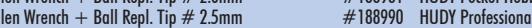
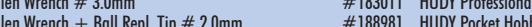
109860

108860

181090

107570

107780



www.teamxray.com

XRAY EUROPE

XRAY, K VÝSTAVISKU 6992, 91101 TRENCIN, SLOVAKIA, EUROPE
PHONE: +421-32-740 11 00, FAX: +421-32-740 11 09, info@teamxray.com

XRAY USA

RC AMERICA, 2030 Century Center Blvd #15, Irving, TX 75062, USA
PHONE: 214-744-2400, FAX: 214-744-2401, xray@rcamerica.com

