

INSTRUCTION MANUAL FOR X4'24 EDITION

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@teamxrav.com

XRAY USA

RC America, 2030 Century Center Blvd #15 Irving, TX 75062 LISA 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

🗥 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 aet cauaht.
- 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.

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 guaranty 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.

- 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 shortcircuit 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 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

• 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.

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

the XRAY distributor in your country.

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 excess 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!

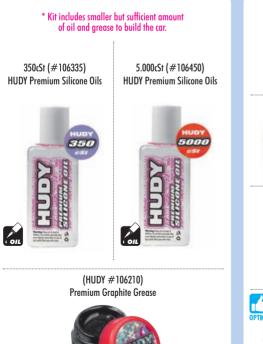
In line with our policy of continuous product development, the exact specifications of the kit may vary. In the unlikely event of any problems with your new kit, you should contact the model shop where you purchased it, quoting the part number.

We do reserve all rights to change any specification without prior notice. All rights reserved.

TOOLS REQUIRED



INCLUDED



EQUIPMENT REQUIRED

	Transmitter	Receiver	Speed Controller	Steering Servo
;	Ĩ			SIG S
	Electric Motor	Pinion Gear with Setscrew	LiPo Battery	Battery Charger
		Win Seistrew		
	Lexan™ Paint	Wheels & Tires & Inserts (HUDY #803053 C3-28) (HUDY #803062 A1-36)	190mm Bodyshell	Double-sided Tape (HUDY #107875)
	Fibre Tape	Bearing Oil (HUDY #106230)	Threadlock	CA glue
	OPTION (HUDY #107870)	OPTION (HUDY #106230)		

BUILD TIPS & NOTES



Alexander Hagberg (Factory Driver)

When a **QR CODE** is found in the instruction manual, scan the code to be directed to an online video that explains that feature or adjustment in more detail. Make sure to watch all of the instructional videos to get the most performance out of your car.

	SAMPLE OF OPTIONAL PARTS			
OPTION	#30XXXX	TYPE1	OPTION 1	
	#30XXXX	TYPE2	OPTION 2	
	#30XXXX	TYPE	INCLUDED	
	#30XXXX	TYPE3	OPTION 3	

XRAY offers wide range of optional tuning parts which are listed in a table like this. Please refer to the exploded view of each main section to verify which part is included in the kit while all other parts are available only as an optional part and must be purchased separately.

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.

COLOR INDICATIONS

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:

<u>304911</u>	STYLE A - indicates parts that are included in the bag marked for the section.
<u>301018</u>	STYLE B - indicates parts that are included in the box.
304902	STYLE C - indicates parts that are already assembled from previous steps.
301020	STYLE D - indicates parts that are optional.

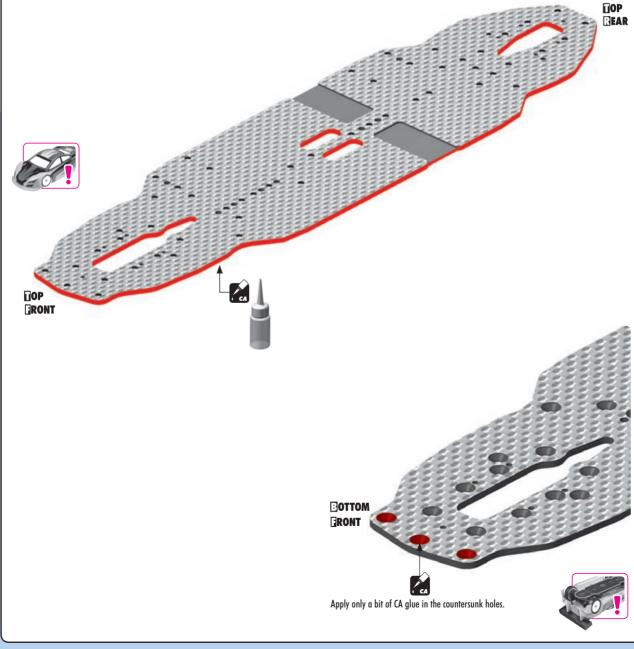
CHASSIS PREPARATION

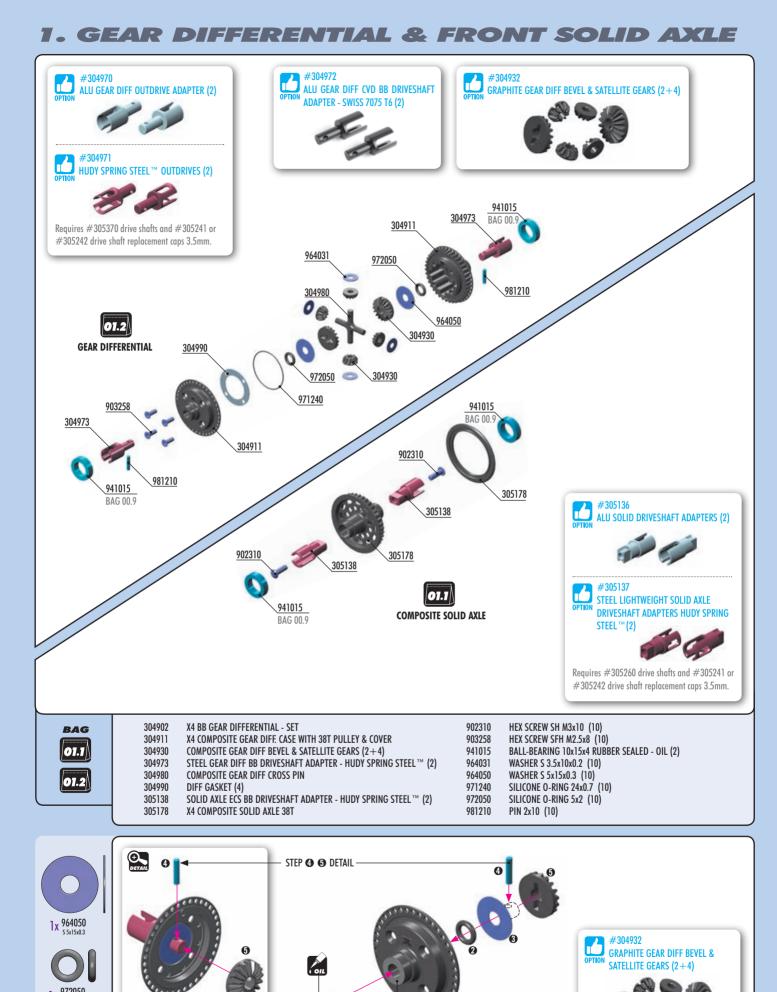
Do this for: chassis edges and countersunk holes.



To protect and seal edges of graphite parts, sand edges smooth and then apply CA glue.

VIDEO TECH TIP
 VIDEO TECH TIP
 CHASSIS PREPARATION





If the diff is not turning freely after

assembly, use thin sand paper to

lightly polish the surface.

TIP

1x 972050 0 5x2 1x 981210 P 2010

JERZAN

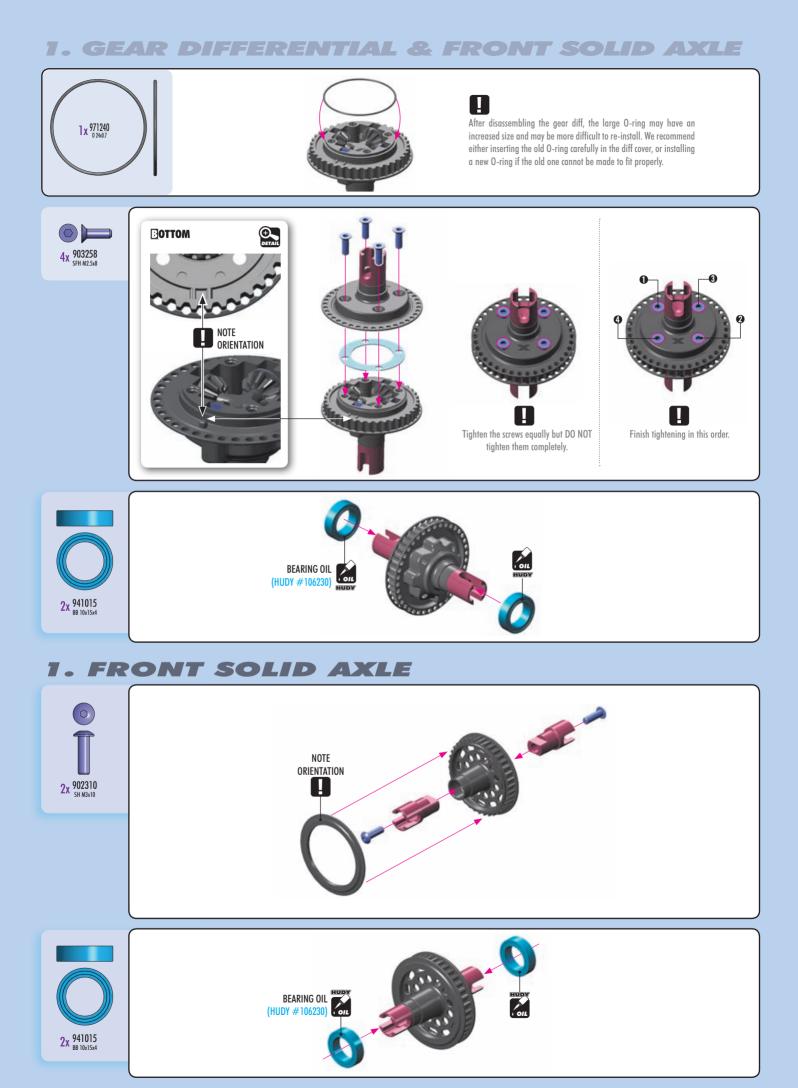
1. GEAR DIFFERENTIAL & FRONT SOLID AXLE

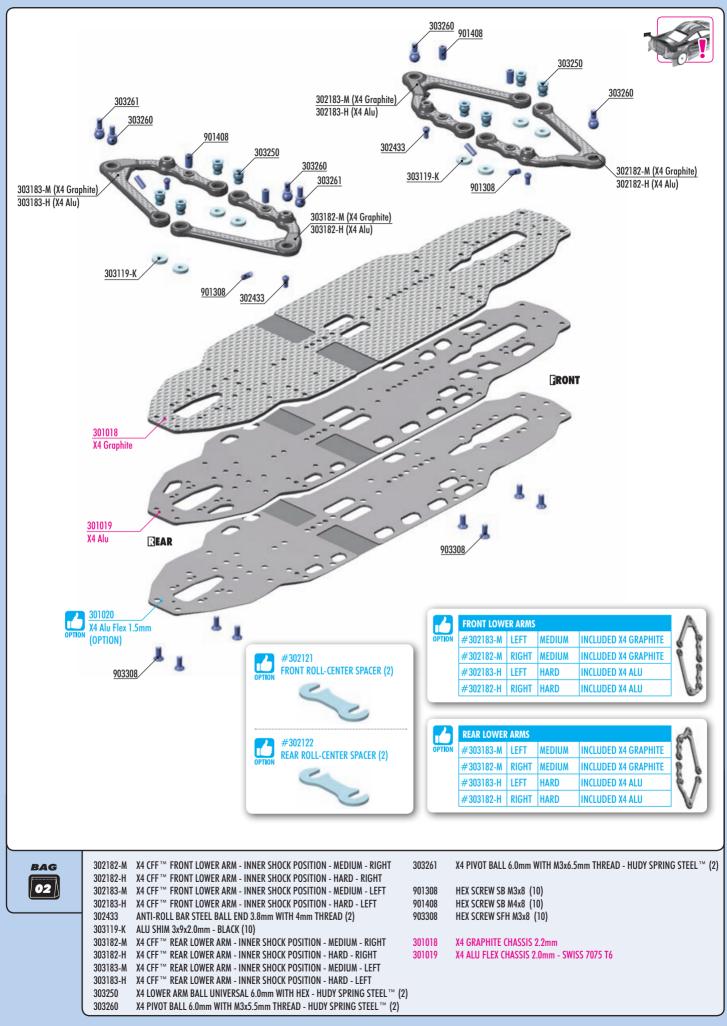


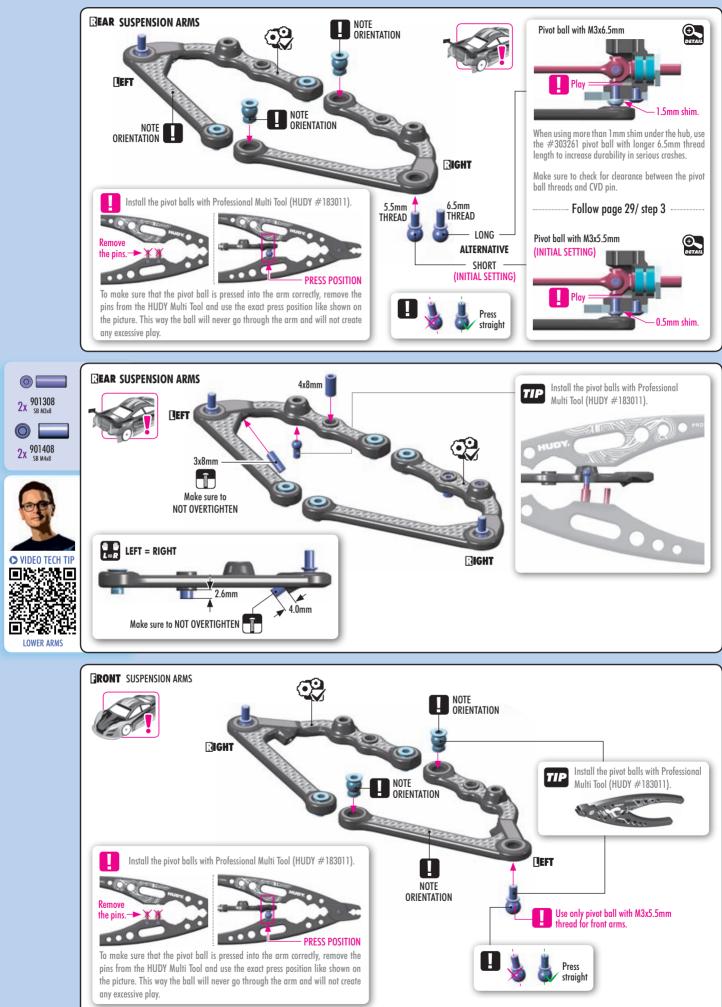
TIP To make sure that all the air is removed from the diff oil, we recommend using the HUDY Air Vac.

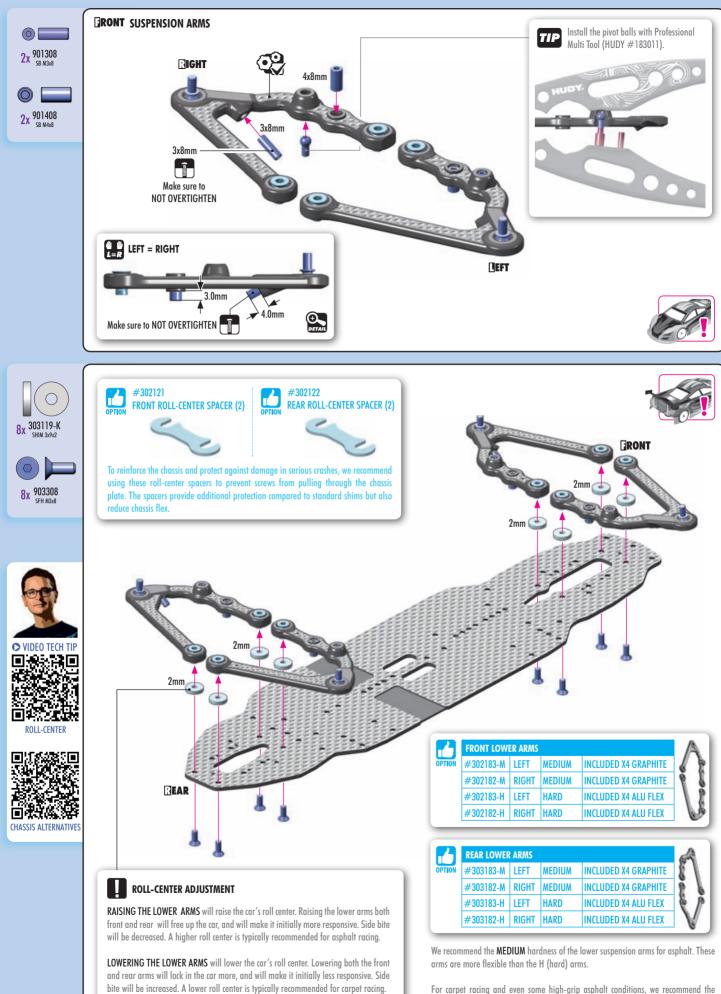
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Using cleaning gum instead of oil in the gear differential can lead to gear breakage because the gears are working under dry conditions.



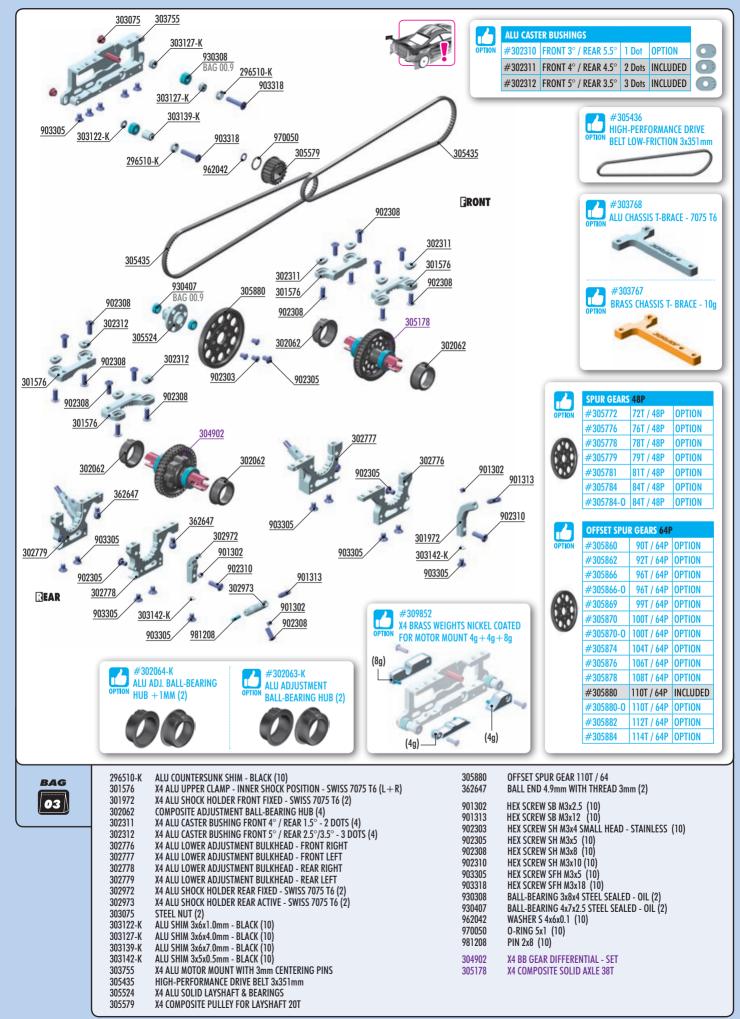




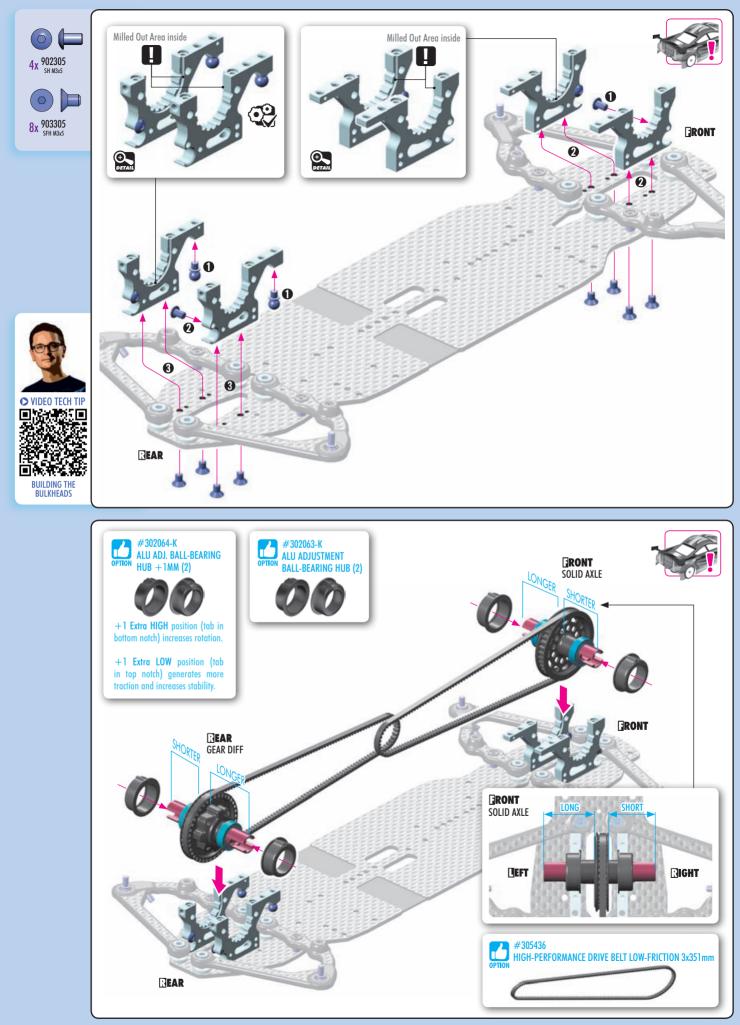


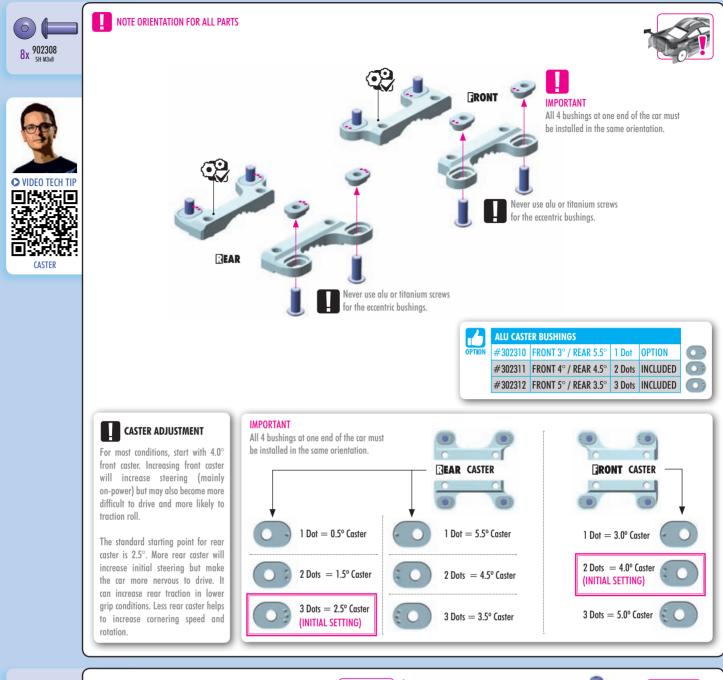
C - F

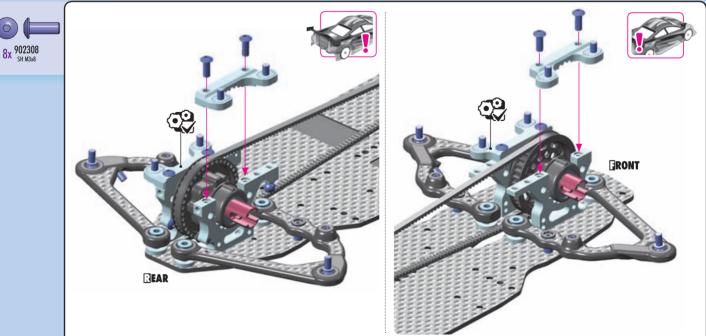
For carpet racing and even some high-grip asphalt conditions, we recommend the **HARD** suspension arms.



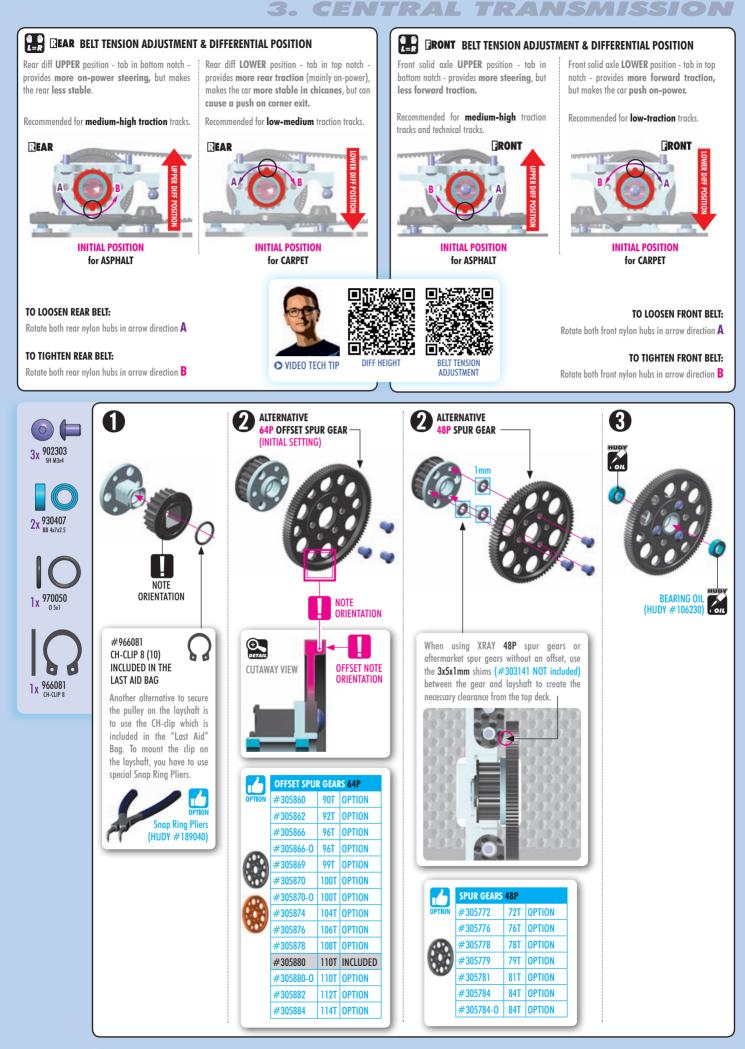


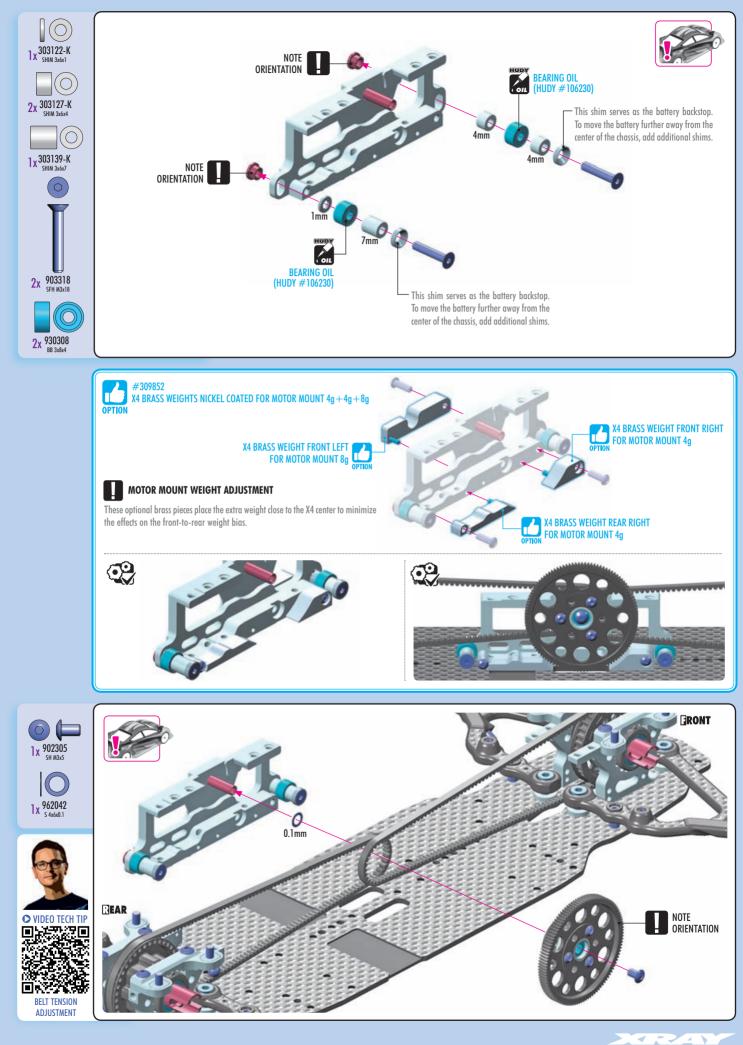




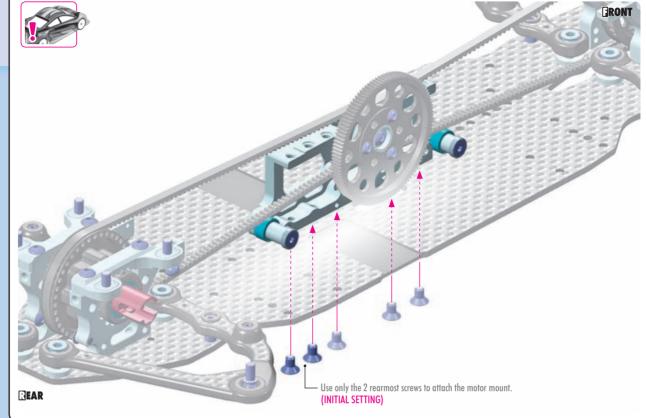


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MOTOR MOUNT FLEX ADJUSTMENT

The motor mount is part of the chassis flex adjustment. Adding or removing screws from the mount will create different flex settings for different tracks and traction levels. **NOTE:** When removing screws from the motor mount, the spur gear becomes more susceptible to breakage in crashes.



SOFT (INITIAL SETTING)

EAR

n n

LOW & MEDIUM traction conditions.

Use only the 2 rearmost screws to attach the motor mount (as shown). DO NOT install the 3 screws immediately in front of & behind the spur gear. This allows the chassis to flex more in the central area, and will improve traction (especially onpower). Rear grip will be improved through the entire corner, but initial reaction will decrease. This setting is recommended for low- to medium traction conditions, both on carpet and asphalt.



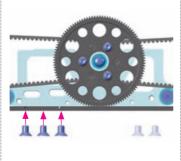
MEDIUM traction conditions.

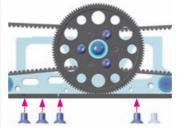
Use only the 3 rearmost screws to attach the motor mount (as shown); DO NOT install the screws in front of the spur gear. This gives a good compromise between stability and initial response. The car will have more rear grip than the full stiff setting, but will not be as stable as the soft setting.

STIFF

HIGH-TRACTION carpet conditions.

Use the 3 rearmost screws and one in front of the spur gear to attach the motor mount (as shown); DO NOT install the very front screw. Will give great steering response, but with reduced mechanical traction. The car will have more cornering speed, but will be more difficult to drive. Mainly recommended for high-traction carpet conditions.

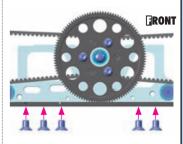




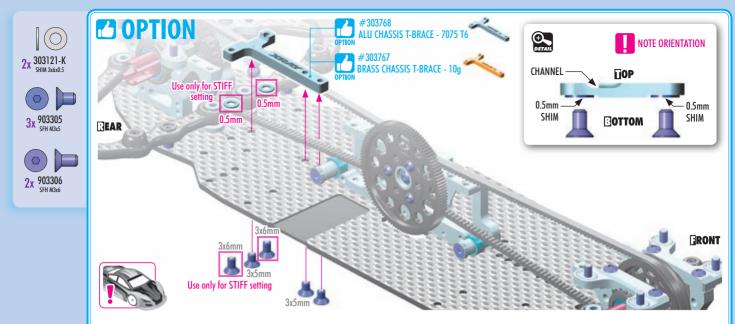
EXTRA STIFF

HIGH-TRACTION US BLACK carpet conditions.

Using all screws to attach the motor mount (as shown) will give the best feeling for US black carpet. This setting provides the best stability and traction for these specific conditions.



11 11



CHASSIS FLEX ADJUSTMENT

The brace provides chassis flex adjustment possibilities depending on which screws are connected.

needed.

MEDIUM

Install the brace using all 3 bottom

STIFF

In addition to installing all 3 bottom centerline screws, also install the 2 rear side screws but with 0.5mm shims between the brace and the chassis. This setting gives maximum stability.

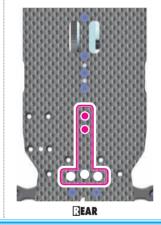


CHASSIS & TOP DECKS

SOFT - NO BRACE

When the brace is not installed, the car will have the most steering and rotation. However, the car will be more difficult to drive as it is less stable. Recommended for medium-high traction conditions and for small, technical tracks with many hairpin corners.

EAR



SOFT - MEDIUM

corners

Install the brace using only the 2 forward

bottom centerline screws (as shown). (as

shown). This gives improved on-power

stability but still offers great off-power

steering and rotation. Recommended for

medium-high traction conditions and for

small, technical tracks with many hairpin



centerline screws (as shown). This gives

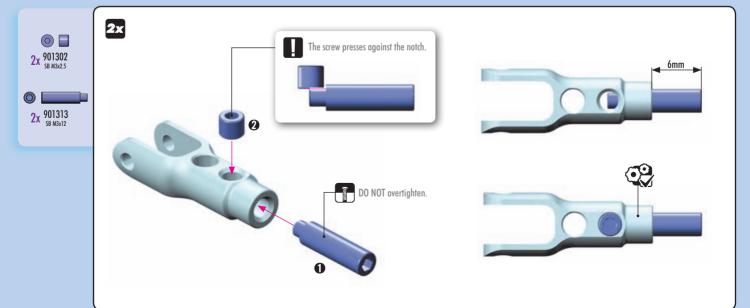
improved on-power stability and traction,

but makes the car push more off-power.

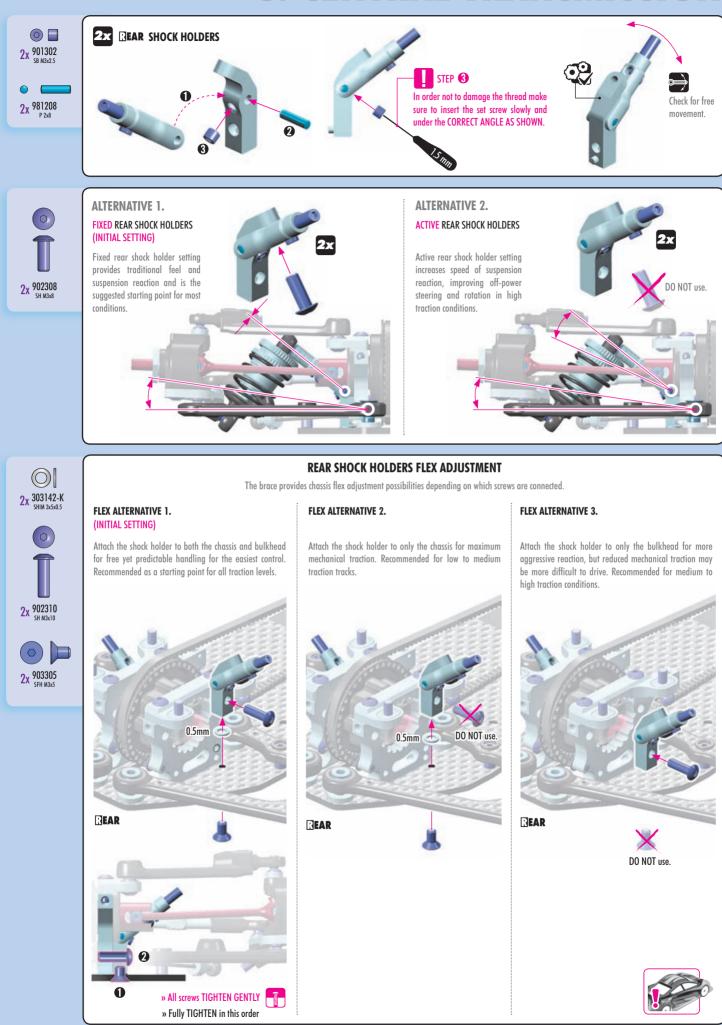
Recommended for low- or high-traction

conditions where stability and traction is

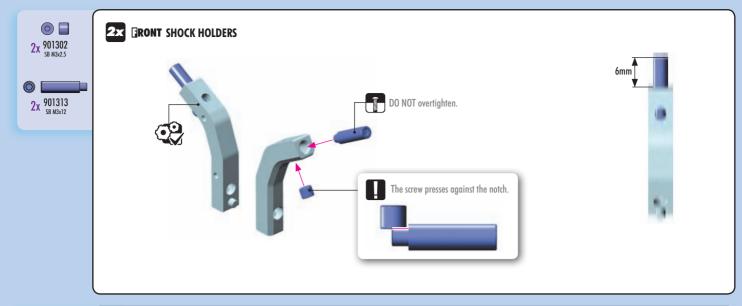








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FRONT SHOCK HOLDERS FLEX ADJUSTMENT

The brace provides chassis flex adjustment possibilities depending on which screws are connected.



2x 303142-K SHIM 33540.5 2x 902310 2x 902310 2x 903305 2x 903305 2x 903305

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FLEX ALTERNATIVE 1. (INITIAL SETTING)

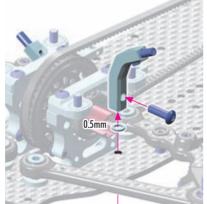
Attach the shock holder to both the chassis and bulkhead for free yet predictable handling for the easiest control. Recommended as a starting point for all grip levels.

FLEX ALTERNATIVE 2.

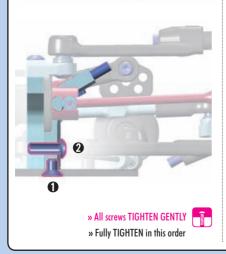
Attach the shock holder to only the chassis for maximum mechanical traction. Recommended for low to medium grip tracks.

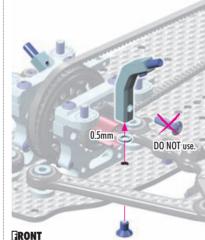
FLEX ALTERNATIVE 3.

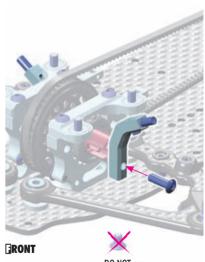
Attach the shock holder to only the bulkhead for more aggressive reaction, but reduced mechanical grip may be more difficult to drive. Recommended for medium to high traction conditions.



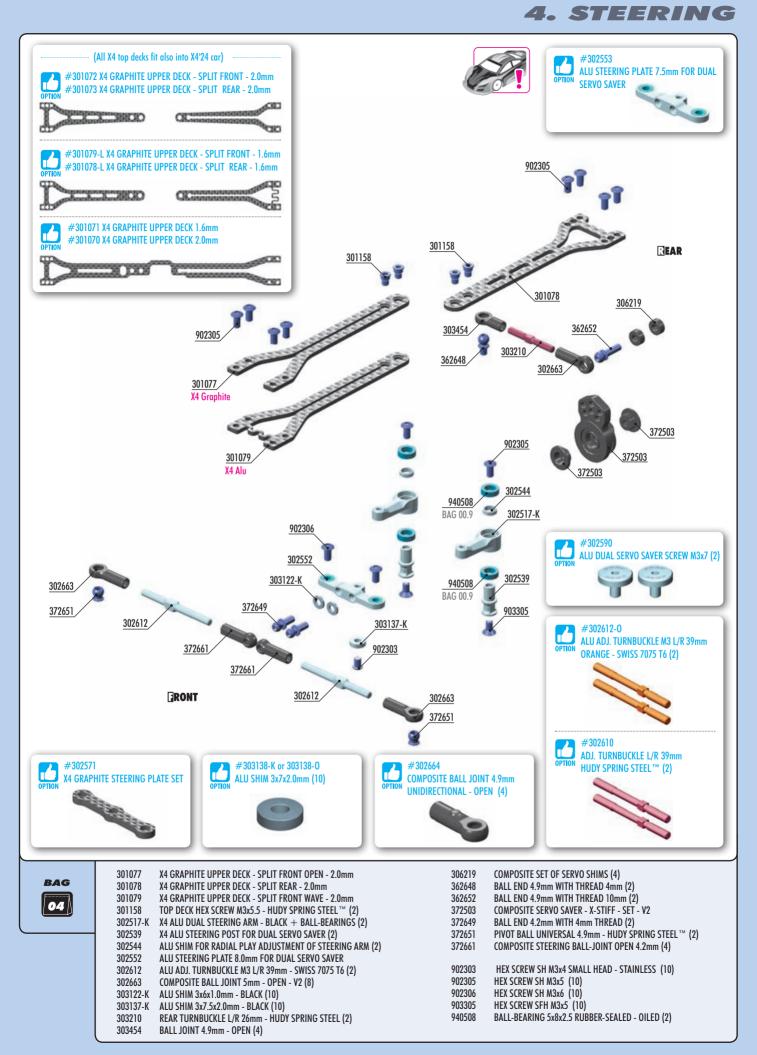
RONT



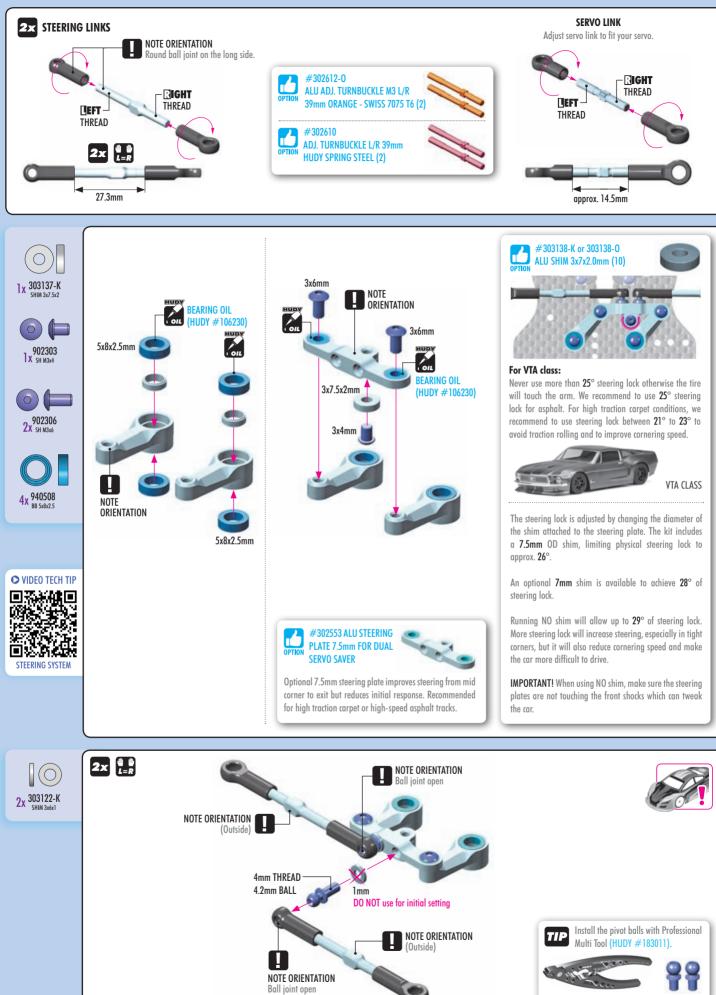


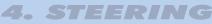


DO NOT use.



4. STEERING







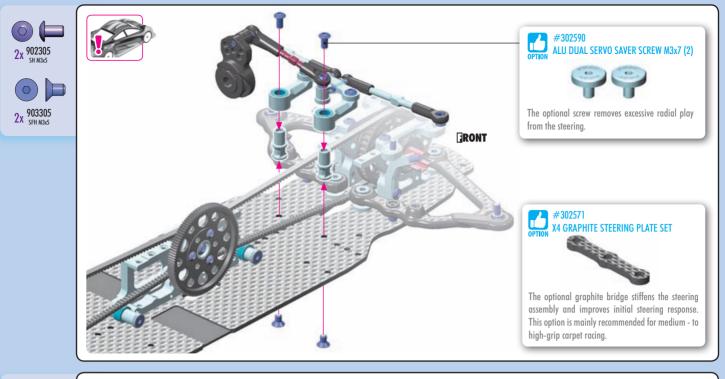
LONGER SERVO HORN LENGTH: Less servo rotation needed to reach the full steering lock, resulting in more responsive and immediate reaction to driver input. A servo horn that is too long can make the car feel nervous to drive. Most XRAY drivers prefer the 19mm length (top row on kit servo saver or 2nd hole on optional 2-hole alum horn).

4 2 4

SHORTER SERVO HORN LENGTH: More servo rotation needed to reach full steering lock; providing improved control and consistency from the more precise feel and may help avoid traction rolling in high grip conditions. A shorter horn length requires an increased radio EPA to maintain the desired steering travel. Using a horn length that is too short can make the car feel lazy.

IMPORTANT! Using an aluminum servo horn DOES NOT provide any servo protection, increasing the risk of servo damage from crashes.

4. STEERING





VIDEO TECH T

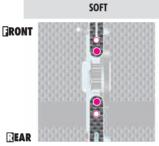
TOP DECK FLEX

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The new feature of the split top deck is the flex setting adjustment. There are three different flex setting alternatives. MEDIUM

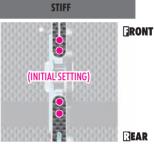
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steering. However, the car is less stable on-power.

This allows maximum flex and provides maximum

This setting gives reduced rear flex which increases stability. Rotation is decreased.



This setting gives reduced flex both in front and rear. Mid-corner steering is decreased, rotation is decreased. This setting provides maximum stability.

X4'24 Graphite

Graphite version includes the open shape front

top deck (#301077) that allows more flex in the front suspension to improve mid corner

steering and decrease initial steering response,

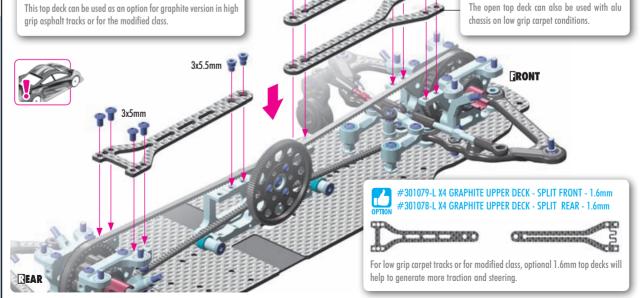
a good match for most asphalt tracks.

3x5mm

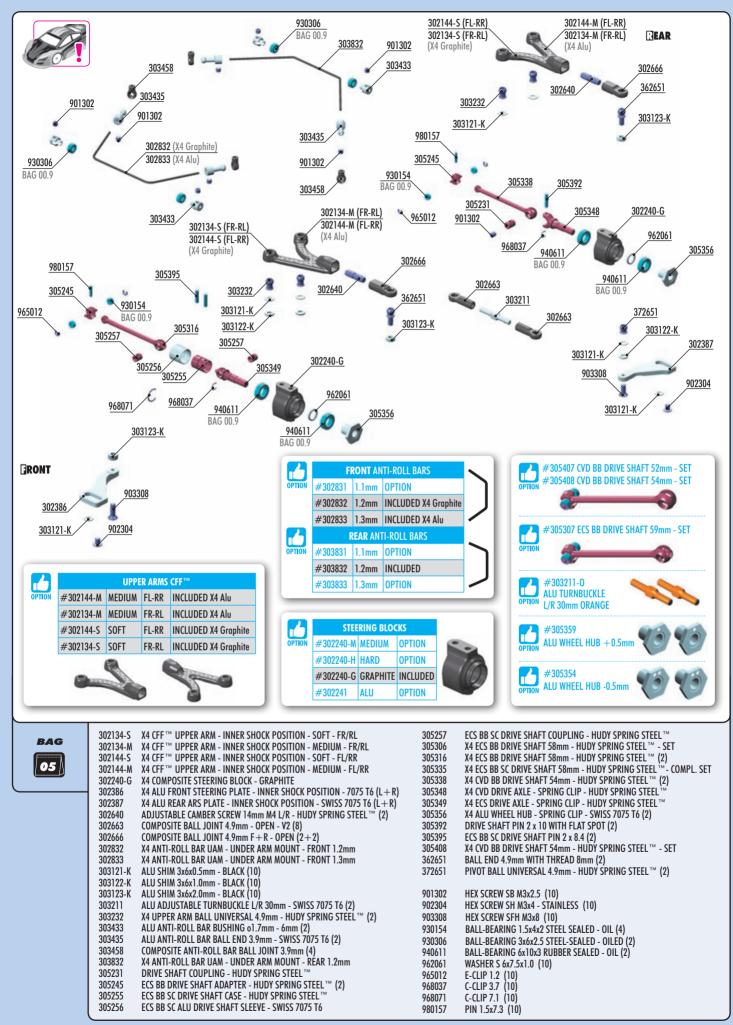
X4'24 Alu Flex

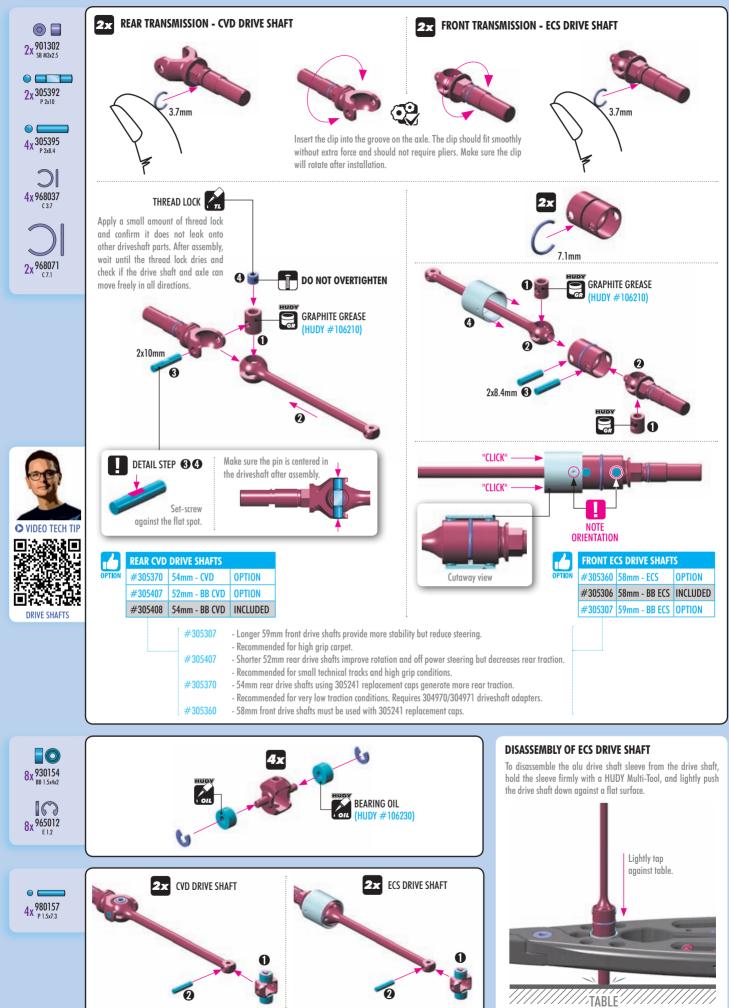
Alu versions feature the front top deck (#301079) with special wave reinforcement, which decreases the flex of the front suspension compared to the open shape, which makes the car easier to drive and more predictable on medium to high grip carpet tracks.

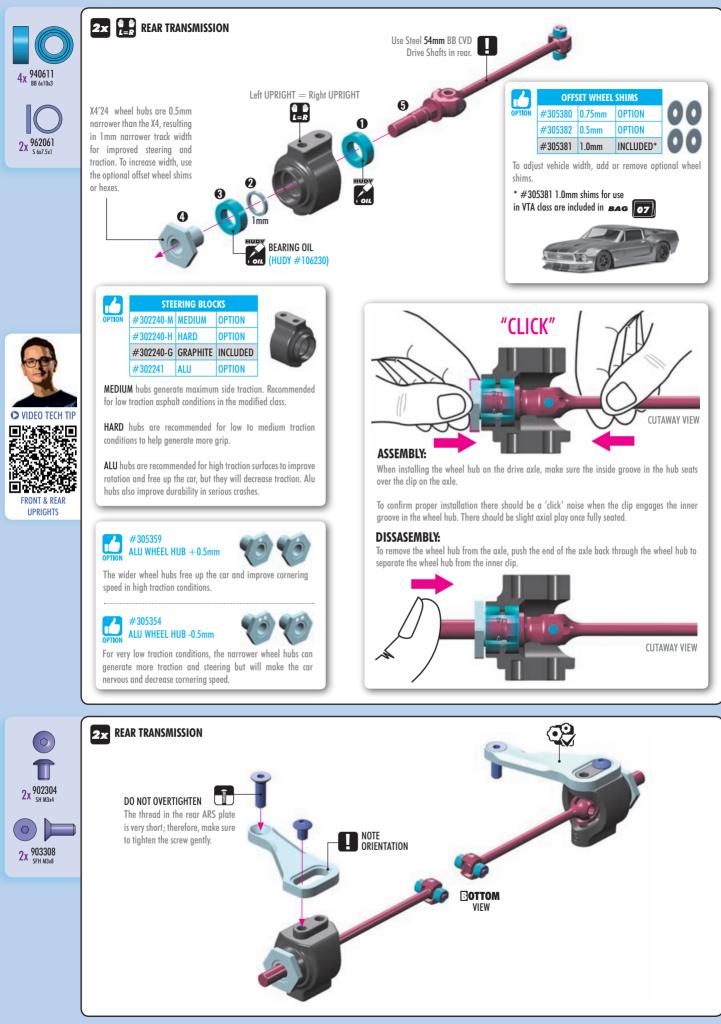
This top deck can be used as an option for graphite version in high grip asphalt tracks or for the modified class.



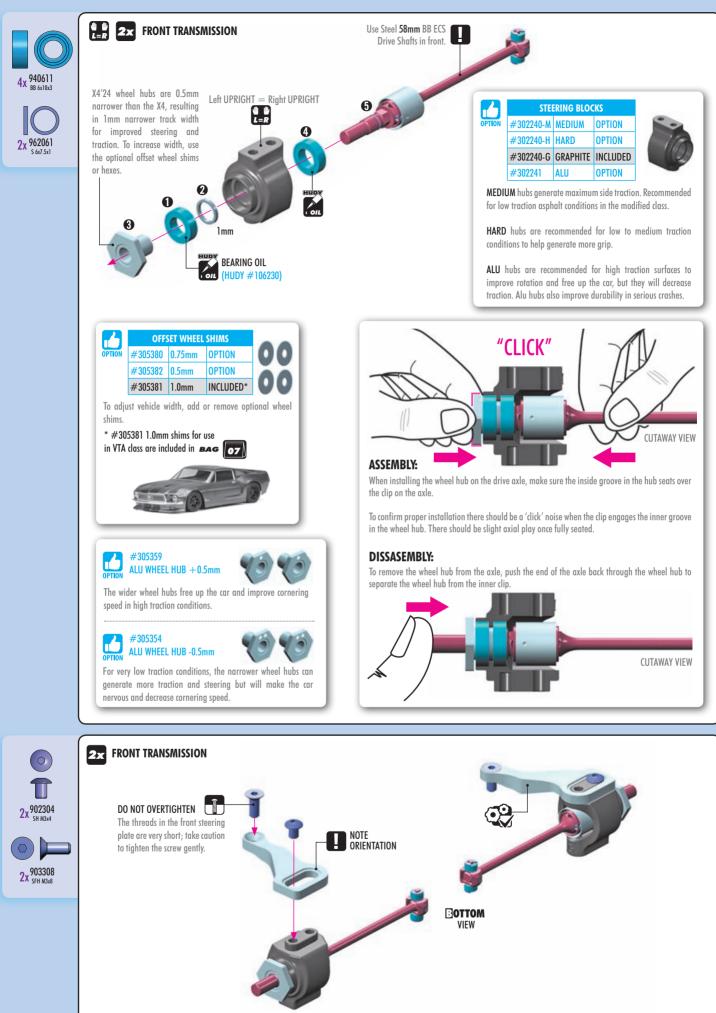
3x5 5mm

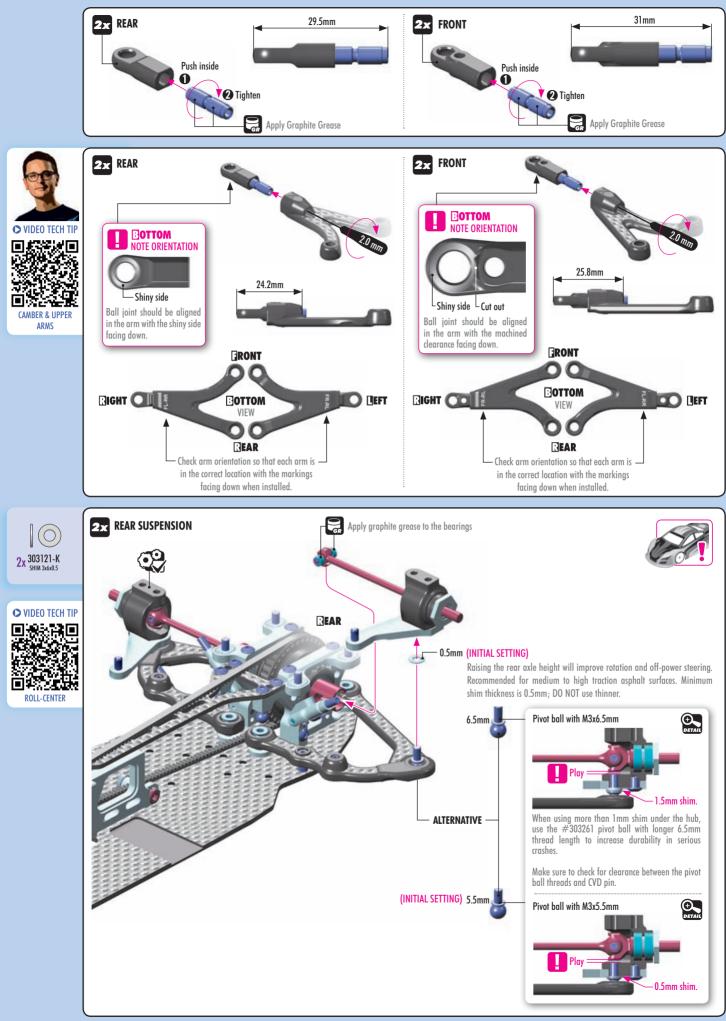




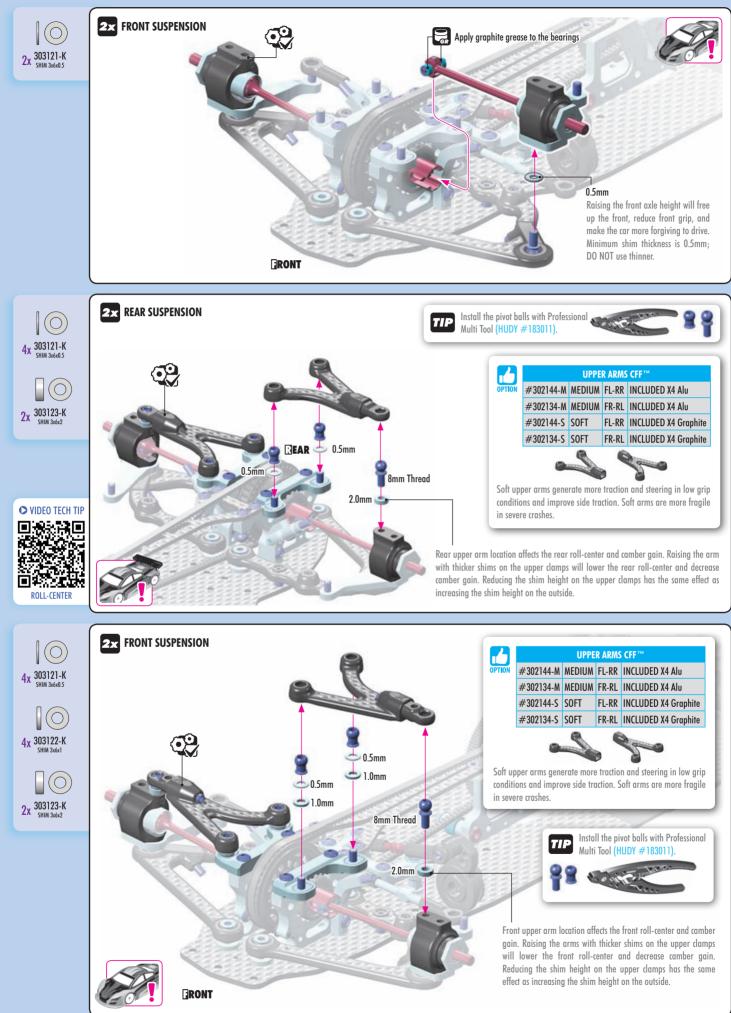


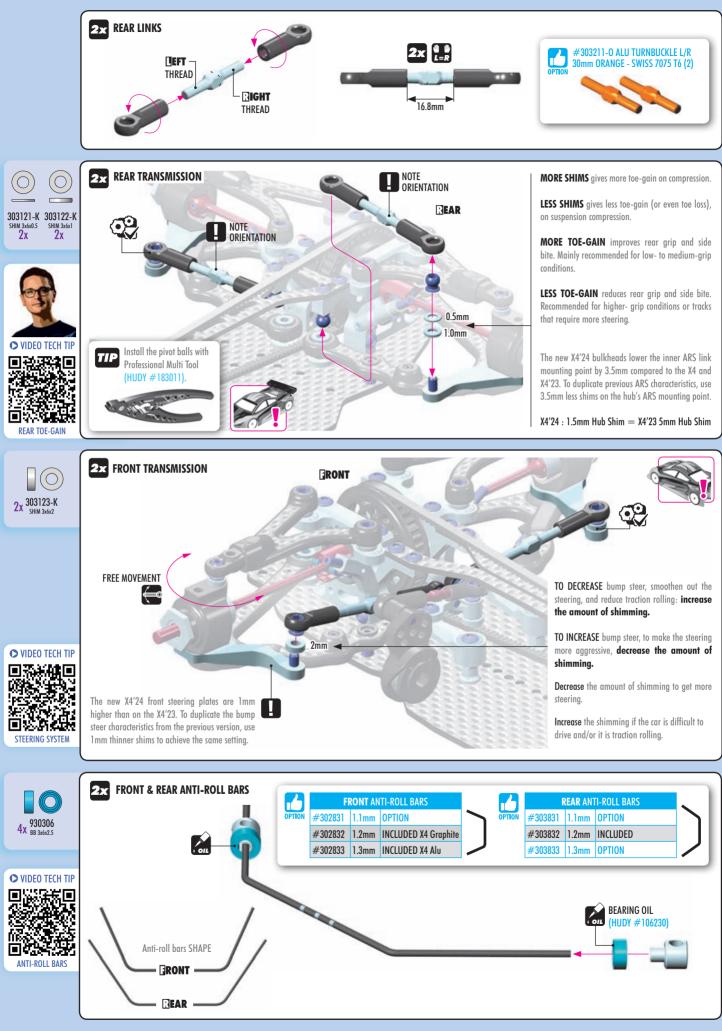




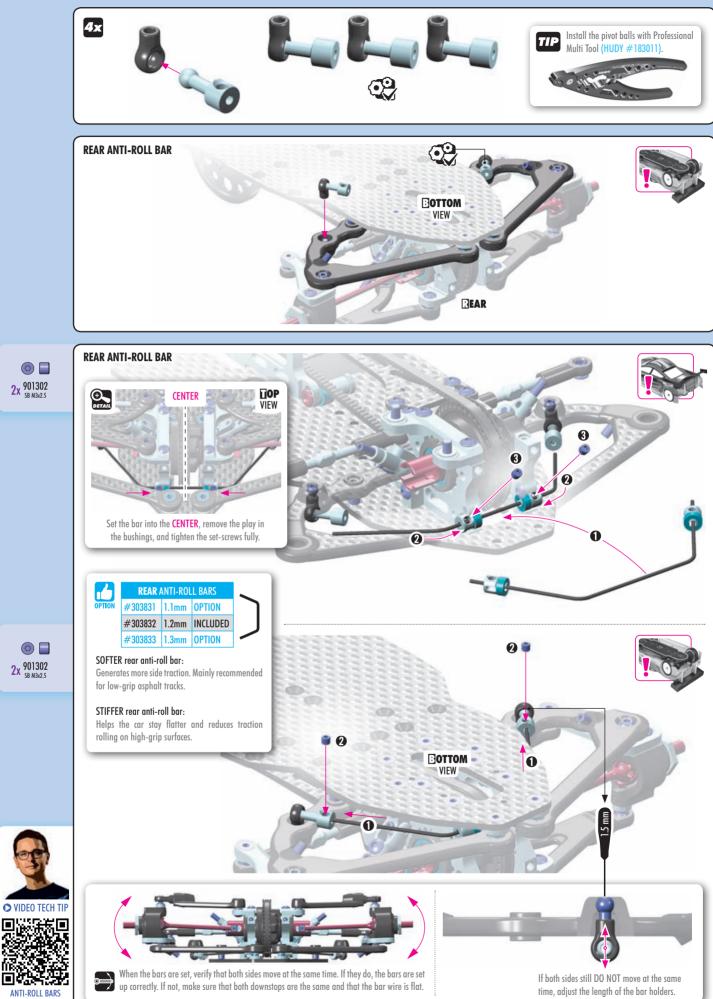


CA-24

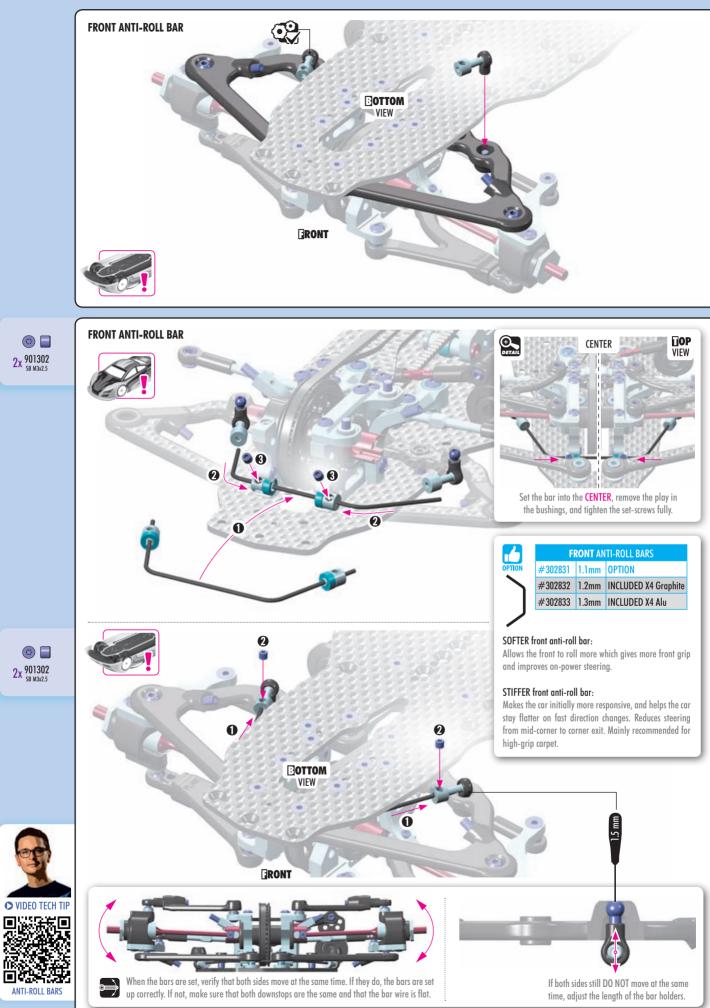




<u>C 122</u>

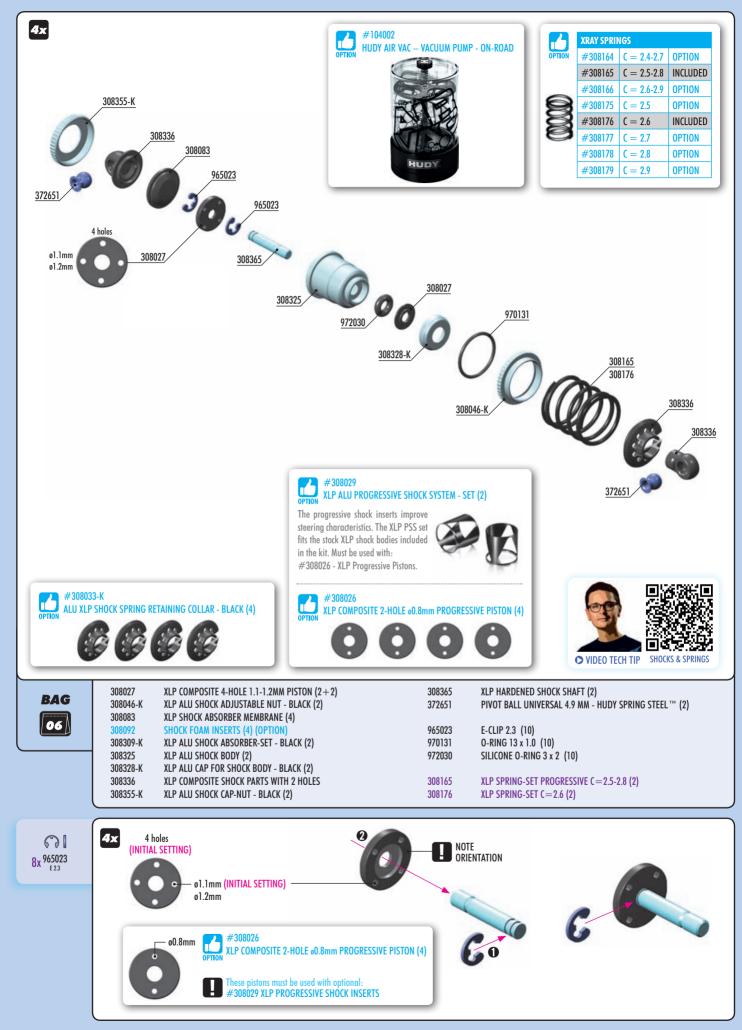




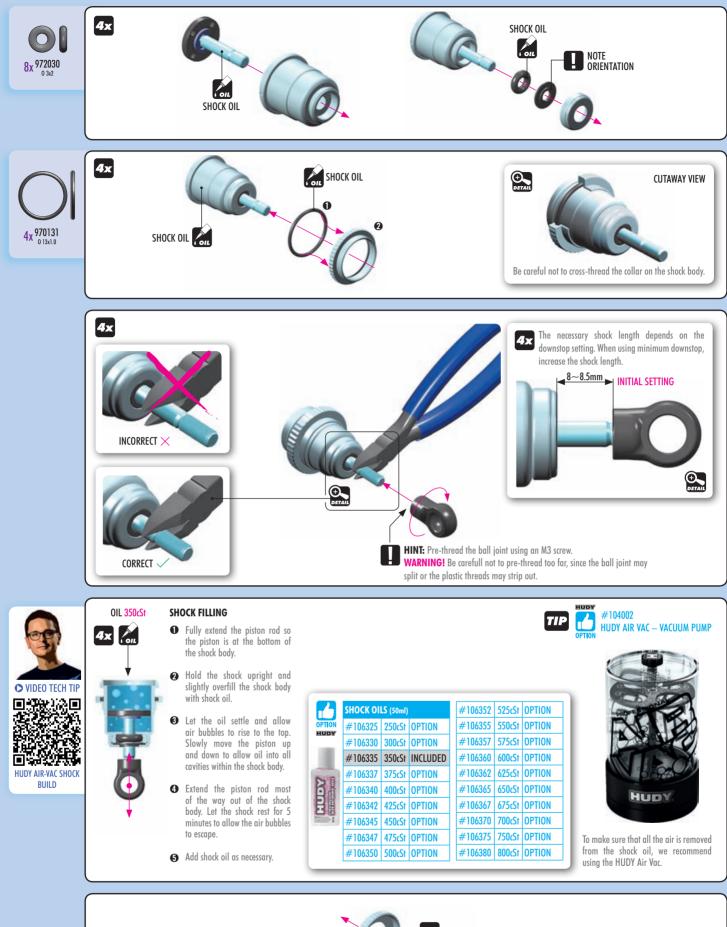


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6. SHOCK ABSORBERS



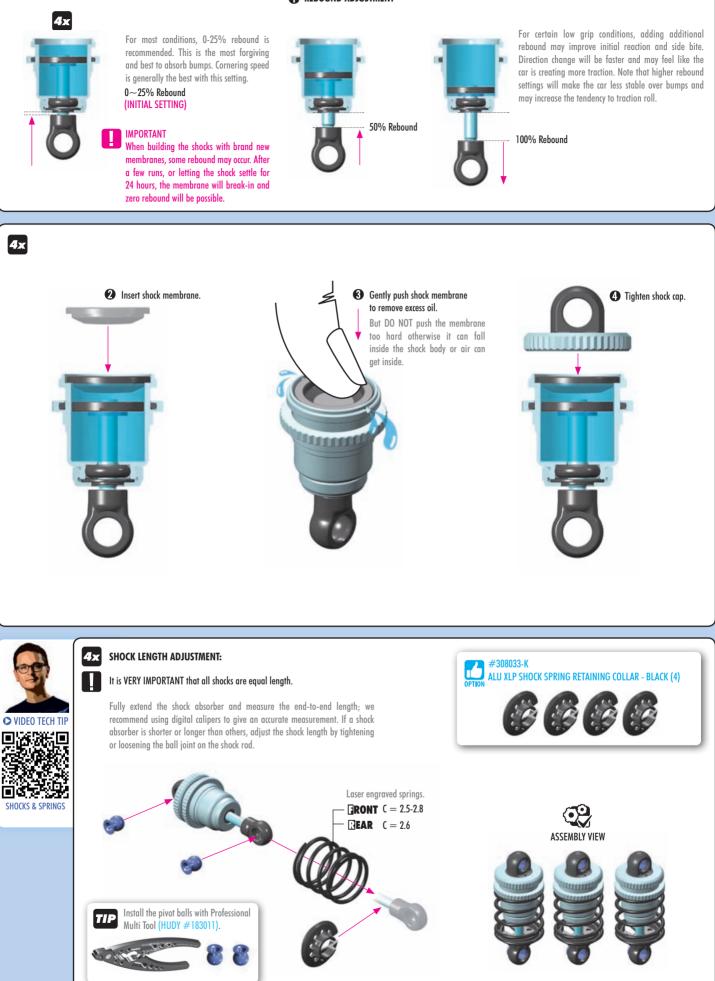
6. SHOCK ABSORBERS

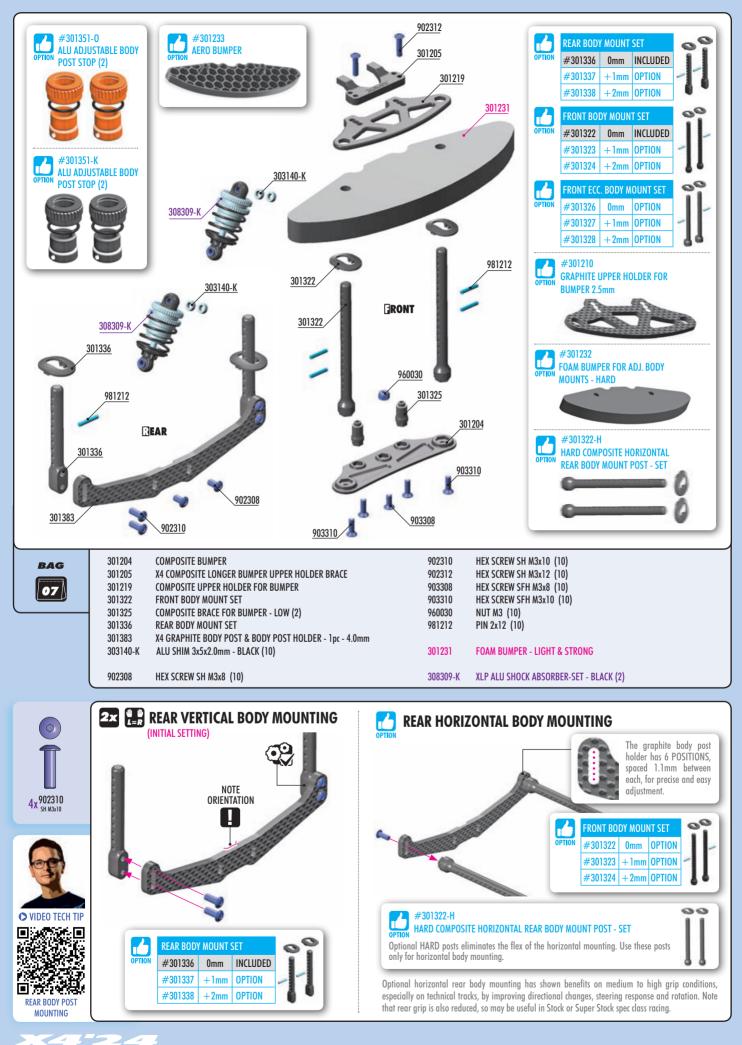


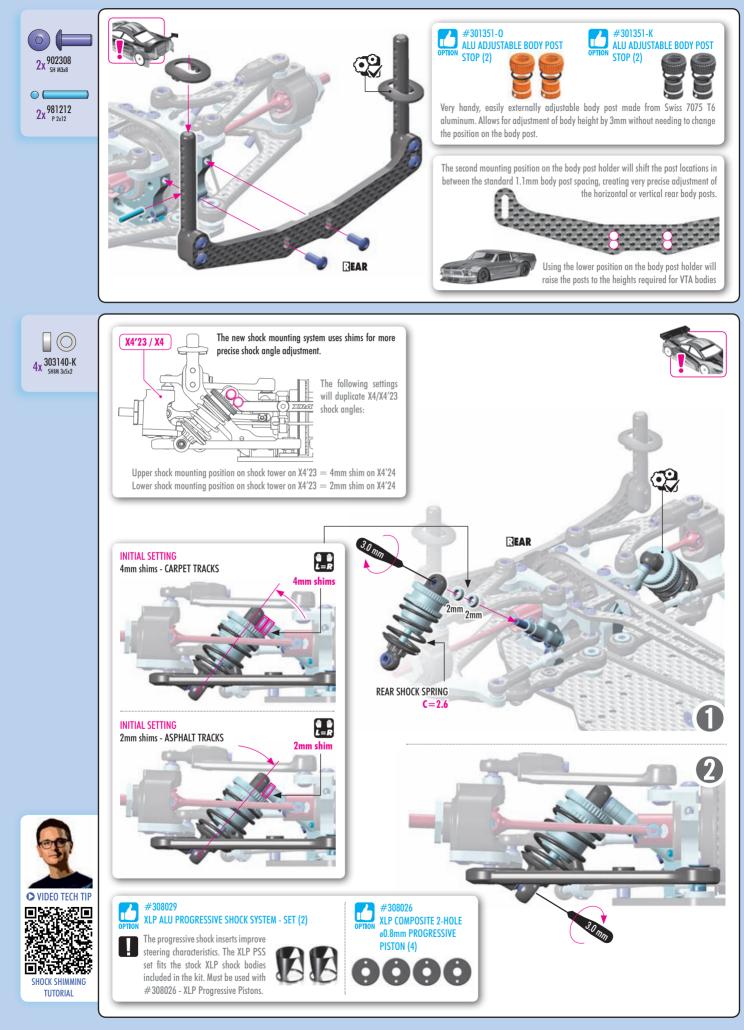


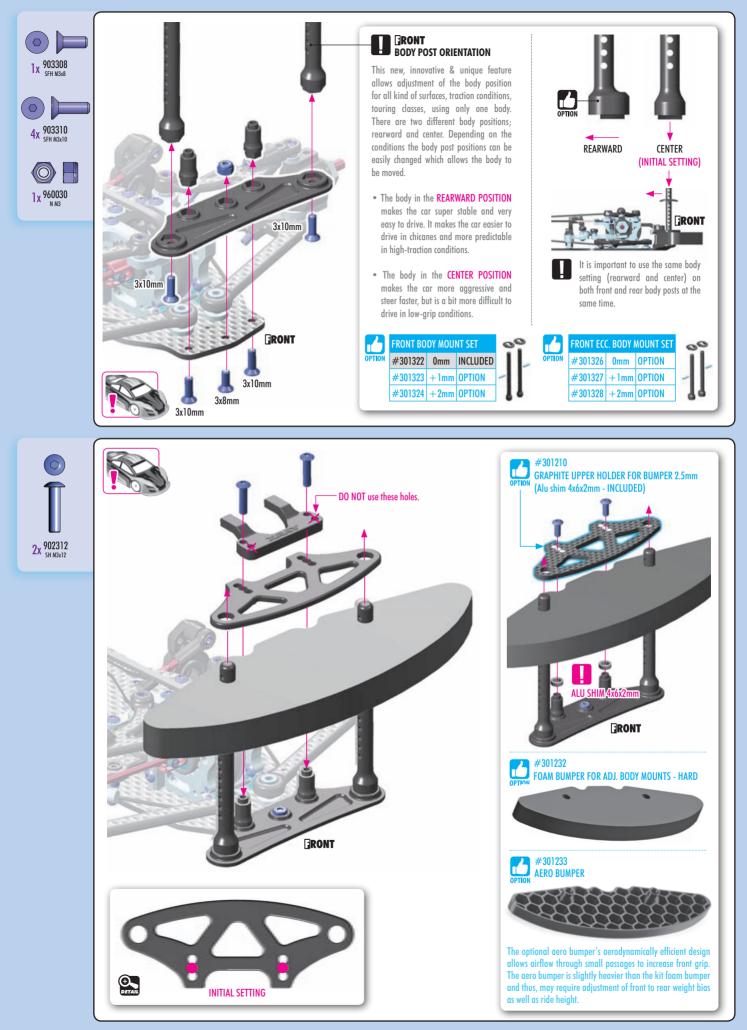
6. SHOCK ABSORBERS

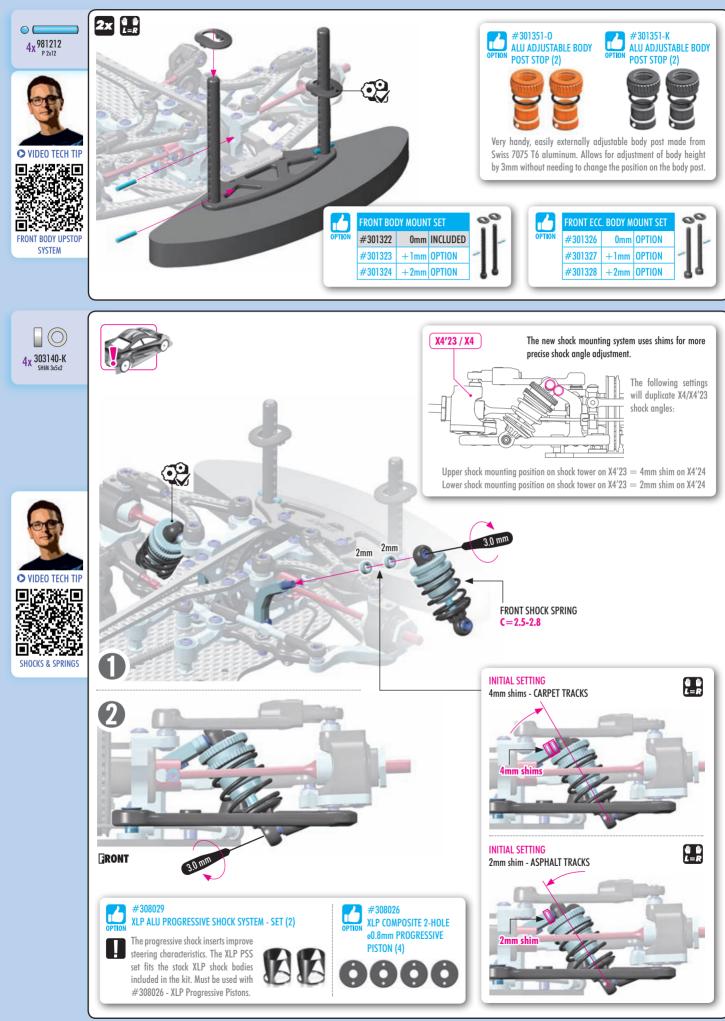


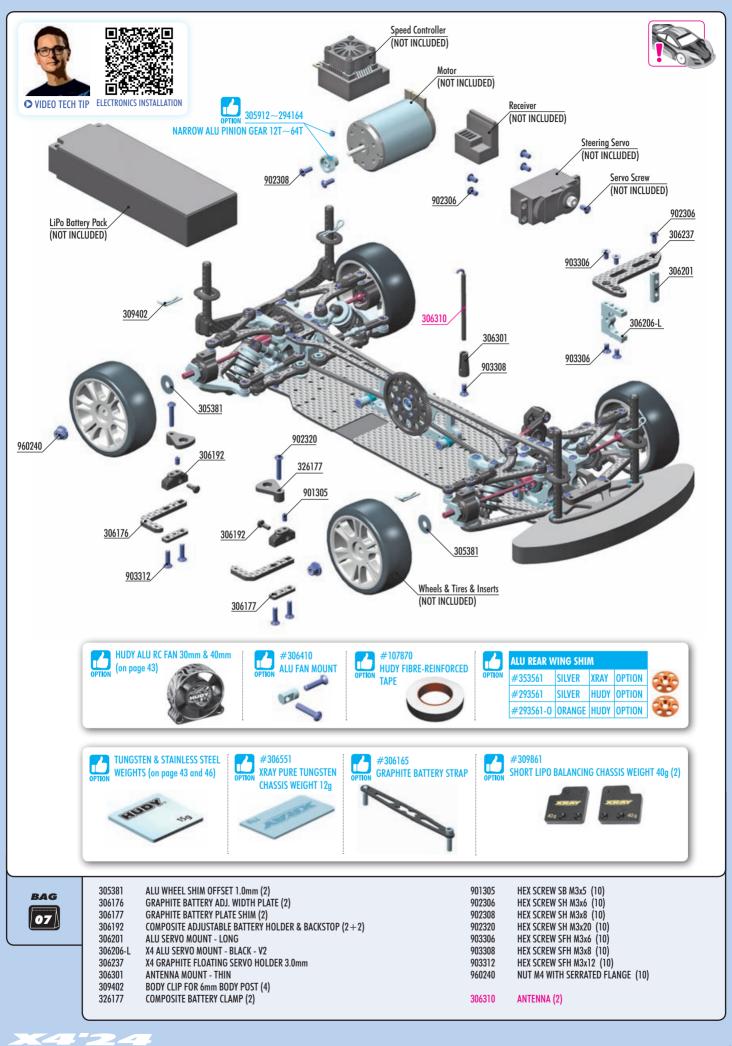


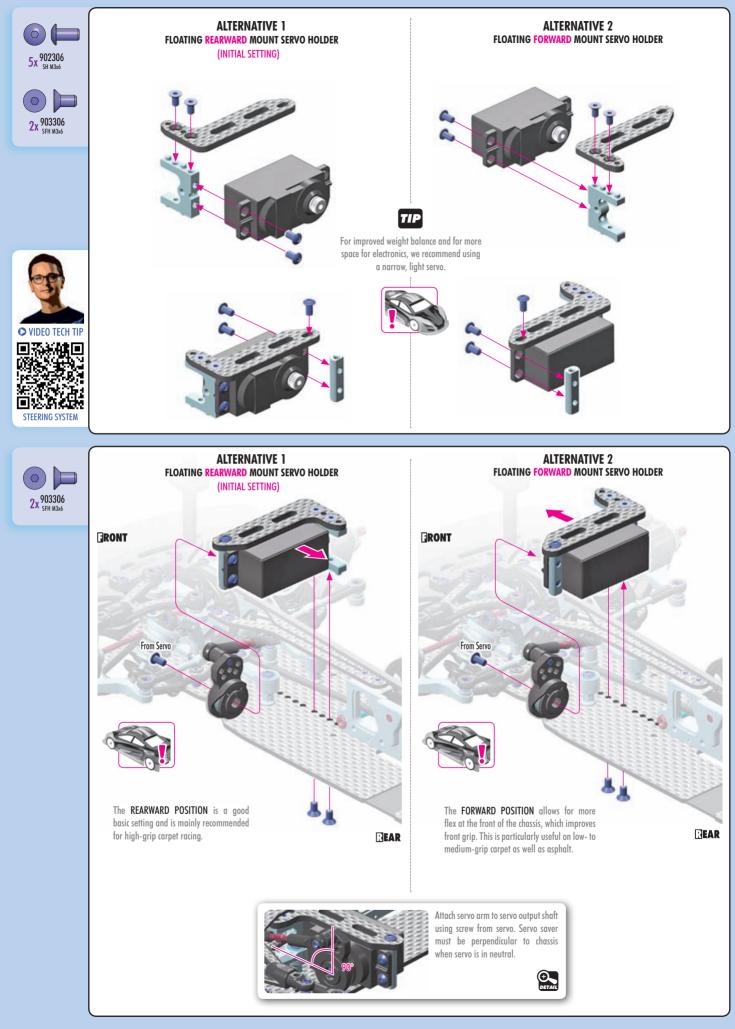


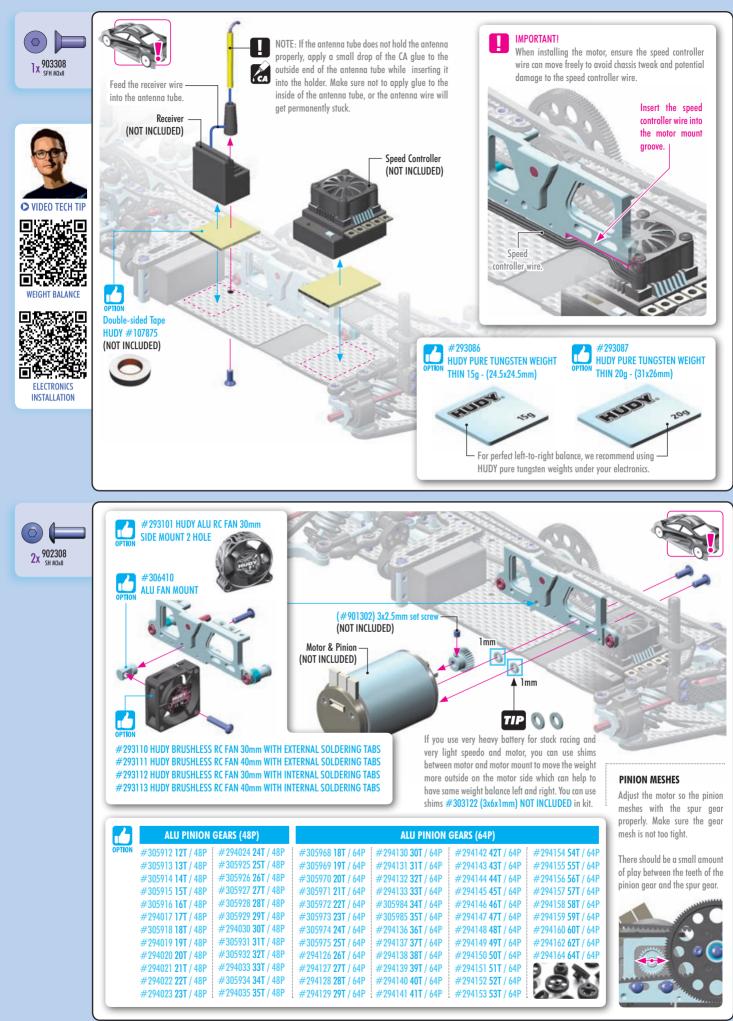




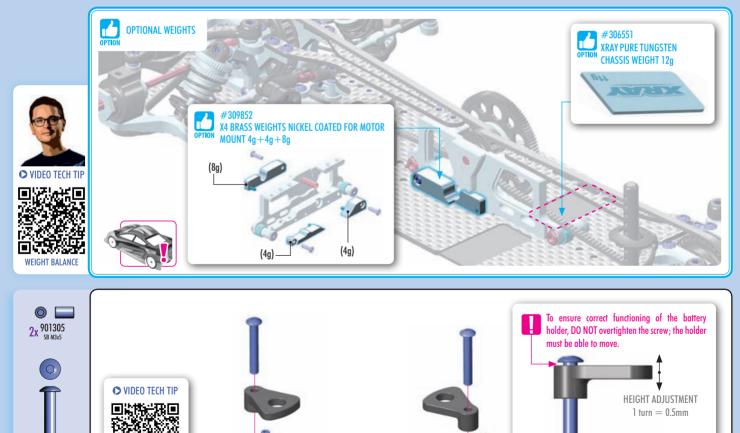








			US	SP	EC	CL	AS	S _{FI}	NAL	DRI	VE R	ATIO	- GI	ARI	NG	HAR	T		
SPUT GEARS 64P																			
			-	-	-	-	-	#305860	#305862	-	#305866	#305869	#305870	-	#305874	#305876	#305878	#305880	
Spur	Pinion * 1.9	= FDR	80T	82T	84T	86T	88T	90T	92T	94T	96T	99T	100T	102T	104T	106T	108T	110T	
	#305970	20T														10.07	10.26	10.45	
	#305971	21T														9.59	9.77	9.95	
	#305972	22T													8.98	9.15	9.33	9.50	
	#305973	23T													8.59	8.76	8.92	9.09	
	#305974	24T												8.08	8.23	8.39	8.55	8.71	
	#305975	25T												7.75	7.90	8.06	8.21	8.36	
	#294126	26T											7.31	7.45	7.60	7.75	7.89	8.04	
	#294127	27T											7.04	7.18	7.32	7.46	7.60	7.74	
	#294128	28T										6.72	6.79	6.92	7.06	7.19	7.33	7.46	
	#294129	29T										6.49	6.55	6.68	6.81	6.94	7.08	7.21	
	#294130	30T									6.08	6.27	6.33	6.46	6.59	6.71	6.84	6.97	
	#294131	31T									5.88	6.07	6.13	6.25	6.37	6.50	6.62	6.74	
	#294132	32T								5.58	5.70	5.88	5.94	6.06	6.18	6.29	6.41	6.53	CLASS
	#294133	33T								5.41	5.53	5.70	5.76	5.87	5.99	6.10	6.22	6.33	
	#305984	34T							5.14	5.25	5.36	5.53	5.59	5.70	5.81	5.92	6.04	6.15	21.5T
A	#305985	35T							4.99	5.10	5.21	5.37	5.43	5.54	5.65	5.75	5.86	5.97	тс
64P	#294136	36T						4.75	4.86	4.96	5.07	5.23	5.28	5.38	5.49	5.59	5.70	5.81	
PINION GEARS	#294137	37T						4.62	4.72	4.83	4.93	5.08	5.14	5.24	5.34	5.44	5.55	5.65	
GE	#294138	38T					4.40	4.50	4.60	4.70	4.80	4.95	5.00	5.10	5.20	5.30	5.40		21.5T / 25.5T
N	#294139	39T					4.29	4.38	4.48	4.58	4.68	4.82	4.87	4.97	5.07	5.16	5.26		OVERLAP
Ī	#294140	40T				4.09	4.18	4.28	4.37	4.47	4.56	4.70	4.75	4.85	4.94	5.04			
■	#294141	41T				3.99	4.08	4.17	4.26	4.36	4.45	4.59	4.63	4.73	4.82	4.91			
	#294142	42T			3.80	3.89	3.98	4.07	4.16	4.25	4.34	4.48	4.52	4.61	4.70				25.5T
	#294143	43T			3.71	3.80	3.89	3.98	4.07	4.15	4.24	4.37	4.42	4.51	4.60				VTA
	#294144	44T		3.54	3.63	3.71	3.80	3.89	3.97	4.06	4.15	4.28	4.32	4.40					
	#294145			3.46	3.55	3.63	3.72	3.80	3.88	3.97	4.05	4.18	4.22	4.31					
	#294146	46T	3.30	3.39	3.47	3.55	3.63	3.72	3.80	3.88	3.97	4.09	4.13						US-GT / VTA
	#294147	47T	3.23	3.31	3.40	3.48	3.56	3.64	3.72	3.80	3.88	4.00	4.04						OVERLAP
	#294148	48T	3.17	3.25	3.33	3.40	3.48	3.56	3.64	3.72	3.80	3.92							OTENEAT
	#294149	49T	3.10	3.18	3.26	3.33	3.41	3.49	3.57	3.64	3.72	3.84							
	#294150	50T	3.04	3.12	3.19	3.27	3.34	3.42	3.50	3.57	3.65								
	#294151	51T	2.98	3.05	3.13	3.20	3.28	3.35	3.43	3.50	3.58								US-GT
	#294152	52T	2.92	3.00	3.07	3.14	3.22	3.29	3.36	3.43									
	#294153	53T	2.87	2.94	3.01	3.08	3.15	3.23	3.30	3.37									~ /
	#294154	54T	2.81	2.89	2.96	3.03	3.10	3.17	3.24										NOT
	#294155		2.76	2.83	2.90	2.97	3.04	3.11	3.18										USABLE
	#294156	56T	2.71	2.78	2.85	2.92	2.99	3.05											

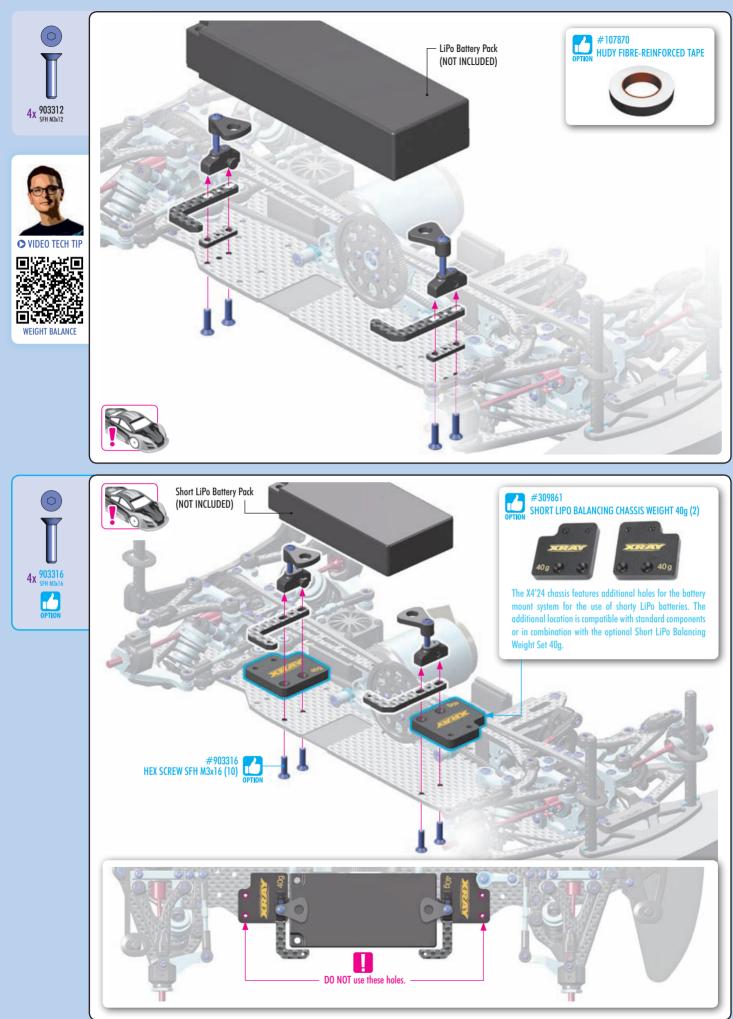


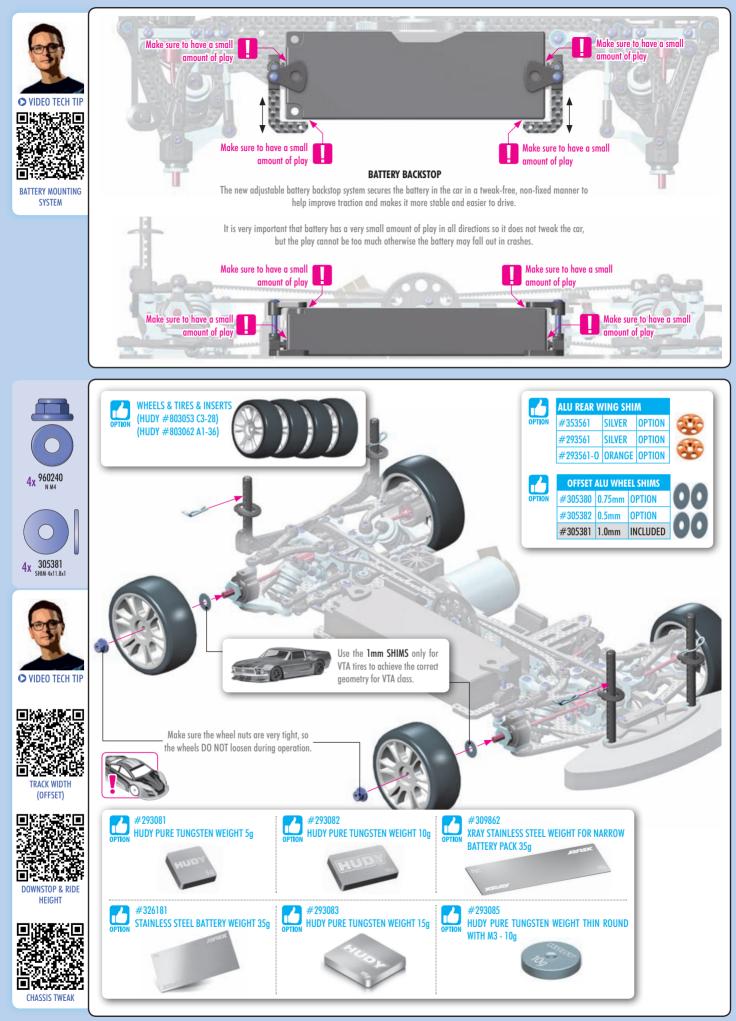
NOTE ORIENTATION

XARAM

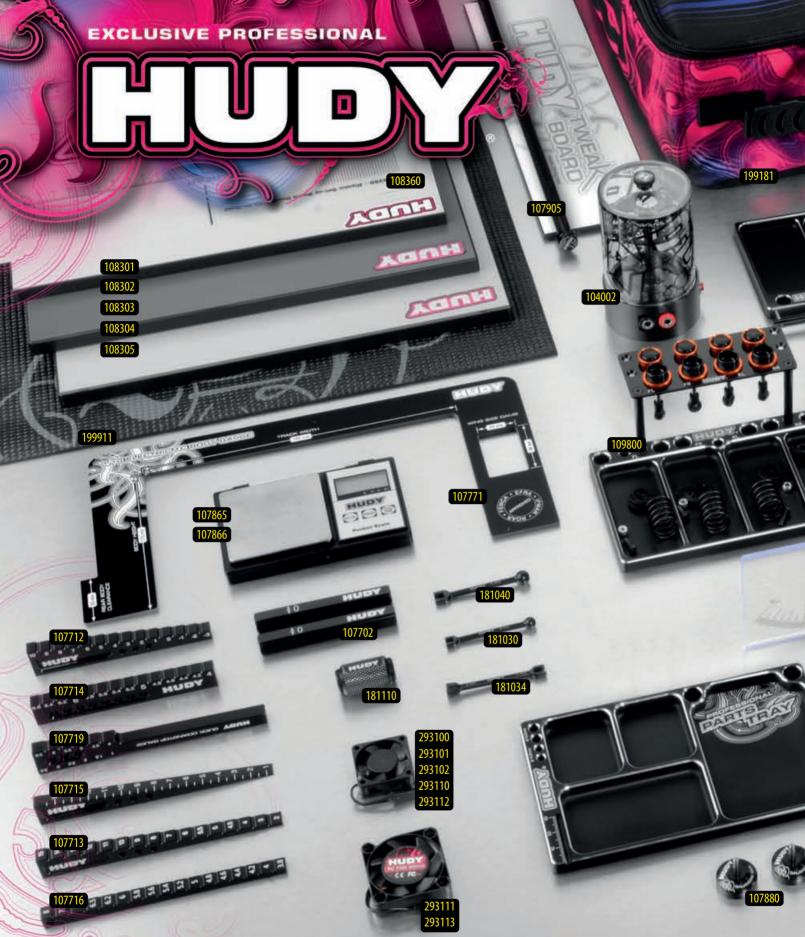
2x 902320 SH M3x20 回税

BATTERY MOUNTING SYSTEM









HUDY AIR VAC - VACUUM PUMP - ON-ROAD HUDY GRAPHITE QUICK CAMBER GAUGE 1.5°, 2°, 2.5° FOR 1/10 TC 104002 107750 106260 HUDY TIRE ADDITIVE - TIRE GRIPPER - 50ML - V2 107771 HUDY BODY GAUGE 1/10 ELECTRIC TOURING CARS HUDY BEARING CHECKING TOOL 107090 107855 HUDY PIT LED LIMITED EDITION - REAMER FOR BODY 0-9MM + COVER - SMALL HUDY PROFESSIONAL DIGITAL POCKET SCALE 300G/0.01G 107601 107865 107643 LIMITED EDITION - ARM REAMER # 3.0MM 107870 HUDY FIBRE-REINFORCED TAPE - BLACK CHASSIS DROOP GAUGE SUPPORT BLOCKS FOR 1/10 (2) HUDY ULTRA DOUBLE-SIDED TAPE 107702 107875 CHASSIS DROOP GAUGE -3.0-10MM FOR 1/10 CARS (10MM) **CHASSIS BALANCING TOOL (2)** 107712 107880 CHASSIS RIDE HEIGHT GAUGE STEPPED 2.0-15.0MM 107713 107904 HUDY QUICK-TWEAK STATION 1/10 & 1/12 ON-ROAD 107714 **ULTRA-FINE CHASSIS DROOP GAUGE 4.0-6.6MM** 107905 HUDY TWEAK BOARD SET HUDY 1/10 TOURING CAR STAND - V3 107715 CHASSIS RIDE HEIGHT GAUGE 1.0-15.0MM (BEVELED) 108150 ULTRA-FINE CHASSIS RIDE HEIGHT GAUGE 3.8-8.0MM 107716 108190 HUDY ALU TRAY FOR PARTS QUICK DOWNSTOP GAUGE TOOL 1.0-6.5MM SET-UP BOARD 1/10 & 1/12 ON-ROAD-LIGHTWEIGHT-GREY 107719 108301 CHASSIS RIDE HEIGHT GAUGE 30-17MM FOR 1/8 & 1/10 OFF-ROAD SET-UP BOARD 1/10 & 1/12 ON-ROAD-LIGHTWEIGHT-SILVER GREY 107720 108302

108303 SET-UP BOARD 1/10 & 1/12 ON-R SET-UP BOARD 1/10 & 1/12 ON-R 108304 108305 SET-UP BOARD 1/10 & 1/12 ON-R PLASTIC SET-UP BOARD DECAL 28 108360 HUDY SET-UP STATION FOR 1/10 109301 109351 SET-UP STATION & SET-UP TOOLS ALU NUT FOR 1/10 TOURING SET-109360 ALU SET-UP WHEEL FOR 1/10 RUE 109370 109800 HUDY ALU TRAY FOR ON-ROAD D HUDY ALU TRAY FOR 1/10 OFF-RO 109840 HUDY ALU TRAY FOR SET-UP SYST 109860 109880 HUDY ALU TRAY FOR ACCESSORIE 111545 LIMITED EDITION - ALLEN WRENC



DAD - LIGHTWEIGHT-DARK GREY DAD - LIGHTWEIGHT-TITAN DAD - LIGHTWEIGHT-BLACK 12X386MM - 1/10 TC FOURING CARS + CARRYING BAG 1/10 TC UP SYSTEM (4) BBER TIRES (4) IFF & SHOCKS NAD DIFF ASSEMBLY EM S & PIT LED H # 1.5MM

113045 LIMITED EDITION - ALLEN WRENCH # 3.0MM LIMITED EDITION - ALLEN WRENCH + BALL REPL. TIP # 2.0MM LIMITED EDITION - SOCKET DRIVER # 5.5MM 132045 175535 LIMITED EDITION - SOCKET DRIVER # 7.0MM 177035 HUDY SPRING STEEL TURNBUCKLE WRENCH 3 MM 181030 TURNBUCKLE WRENCH 3 & 4MM - HUDY SPRING STEEL™ 181034 TURNBUCKLE WRENCH 4MM - HUDY SPRING STEEL™ 181040 HUDY BALL JOINT WRENCH HUDY PROFESSIONAL MULTI TOOL 181110 183011 HUDY POCKET HOBBY KNIFE 188981 HUDY PROFESSIONAL BODY SCISSORS 188990 HUDY ALU TOOL STAND 199060

LIMITED EDITION - ALLEN WRENCH # 2.0MM

112045

HUDY CAR BAG - 1/10 ON-ROAD - TOURING - PAN CAR 199181 199270 HUDY LIPO SAFETY BAG HUDY PIT MAT ROLL 750X1200MM WITH PRINTING HUDY ALU RC FAN 30MM - BOTTOM MOUNT 2 HOLE 199911 293100 HUDY ALU RC FAN 30MM - SIDE MOUNT 2 HOLE 293101 HUDY ALU RC FAN 30MM - STDE MOUNT 2 HOLE HUDY ALU RC FAN 30MM - TOP/SIDE MOUNT 4 HOLE HUDY BRUSHLESS RC FAN 30MM - WITH EXTERNAL SOLDERING TABS HUDY BRUSHLESS RC FAN 40MM - WITH EXTERNAL SOLDERING TABS 293102 293110 293111 293112 HUDY BRUSHLESS RC FAN 30MM - WITH INTERNAL SOLDERING TABS HUDY BRUSHLESS RC FAN 40MM - WITH INTERNAL SOLDERING TABS 293113 HUDY TIN ROUND BOX 80x30MM 298100 For more information about tools, set-up equipment & accessories suitable for your car please visit: www.hudymet



107761	HUDY ADJUSTABLE CAMBER GAUGE 80MM	105590	HUDY WHEEL BALANCING PUTTY
107772	HUDY PROFESSIONAL 1/10 TC WHEEL ARCH MARKER + WHEEL ADAPTER & NUT	181090	HUDY SPECIAL TOOL FOR TURNBUCKLES & NUTS
106210	HUDY GRAPHITE GREASE	181091	HUDY TURNBUCKLE WRENCH 3 & 4MM - V2
106230	HUDY BEARING OIL	803053	HUDY 1/10 TC CARPET TIRES C3-28 (4)
106200	HUDY MAGIC CLEANING GUM	803062	HUDY 1/10 TC TIRES A1-36 - ASPHALT (4)
106261	HUDY TIRE ADDITIVE - TIRE GRIPPER RED - 50ML	293011	HUDY STAINLESS STEEL BATTERY WEIGHT 35G
106350	HUDY PREMIUM SILICONE OIL 500 CST - 50ML	293012	HUDY STAINLESS STEEL BATTERY WEIGHT FOR NARROW BATTERY PACK 35G
107861	HUDY PROFFESIONAL RACING STOPWATCH XL DISPLAY	293080	LEAD WEIGHTS 4x5G & 4x10G WITH 3M GLUE
106290	HUDY PROFFESIONAL SOLDER 3M LENGTH	293081	HUDY PURE TUNGSTEN WEIGHT 5G
107840	CLEANING BRUSH LARGE - SOFT	293082	HUDY PURE TUNGSTEN WEIGHT 10G
107846	CLEANING BRUSH SMALL - SOFT	293083	HUDY PURE TUNGSTEN WEIGHT 15G
105520	WHEEL ADAPTER FOR 1/10 ON-ROAD & 1/10 OFF-ROAD - 12MM	293084	PRECISION BALANCING CHASSIS WEIGHT 10G (4)



293311	GRAPHITE REAR WING SIDE PLATE 0.5MM - 1/10 ELECTRIC (2)
293403	ALU CLAMP SERVO HORN - FUTABA, SAVÖX - OFFSET 1-HOLE M3 - 25T
293493	ALU SERVO HORN - FUTABA, SAVÖX - OFFSET 1-HOLE M3 - 25T - V2
294017-35	5 HUDY ALU ULTRA-LIGHT PINION GEAR - HARD COATED - 23T / 48
294126-64	HUDY ALU ULTRA-LIGHT PINION GEAR - HARD COATED - 40T / 64
298012	HUDY PARTS BOX - 10-COMPARTMENTS
298013	HUDY SPRINGS BOX - 10-COMPARTMENTS
298014	HUDY PARTS BOX - 8-COMPARTMENTS
298015	HUDY PARTS CASE - 290 x 195MM
298016	HUDY TINY HARDWARE BOX - 4-COMPARTMENTS
298017	HUDY TINY ONE-PIECE HARDWARE BOX - 8-COMPARTMENTS
298018	HUDY TINY HARDWARE BOX - 8-COMPARTMENTS

 298019
 HUDY DIFF BOX - 8-COMPARTMENTS

 199280M-H
 HUDY HARD CASE - 140x110x95MM - 0IL BAG MEDIUM

 199290-H
 HUDY HARD CASE - 235x190x75MM - ACCESSORIES / ENGINE BAG

 199295-H
 HUDY HARD CASE - 280x150x85MM - ACCESSORIES / BAG LARGE

 199296-H
 HUDY HARD CASE - 120x85x46MM - ACCESSORIES / STOP WATCH

For more information about tools, set-up equipment & accessories suitable for your car please visit:







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