

Introduction

Thank you for purchasing this Team Associated product. This assembly manual contains instructions and tips for building and maintaining your new vehicle. Please take a moment to read through the manual and familiarize yourself with the steps. We are continually changing and improving our designs; therefore, actual parts may appear slightly different than the illustrations. New parts will be noted on supplementary sheets located in the appropriate parts bags. Check each bag for these sheets before you start to build.

Check www.rc10.com for the latest versions of our instruction manauls.

RC10B84 Features

- Molded Height-Adjustable Gearboxes Front and Rear with Additional +2 Rear Gearbox for High-Grip Conditions
- Long-Arm Suspension Geometry: improves grip and predictability in all conditions
- Optimized Steering Bellcranks and Rack: improved bumpsteer control at all ride heights
- Chassis Bracing: Fine tune chassis flex characteristics with upper and lower chassis bracing front and rear
- Standard and HRC (High Roll Center) Rear Hubs Included
- Insert adjustable caster block with 0, +/-1, and +/-2 degree inserts included
- Forward and Back Motor Positions: used for further weight bias adjustment
- Highly Adjustable Battery Holder with Thumb Tabs: allows for easy battery removal and fine tuning of weight bias
- 2.5mm Thick Tapered 7075-T6 Aluminum Chassis with 10 Degrees of Kickup and Improved Departure Angle
- (90050 Only): Decoupled Slipper Clutch Included
- (90051 Only): Molded Ring and Pinion Gears Included
- Aluminum Center-Mounted Servo Mount
- Two heights Included for Rear Wing Mount
- 7-inch Rear Wing
- Low-Profile Body
- · Shock Tower Covers Front and Rear
- 3.5mm Turnbuckles and Ballcups
- 13mm Big-Bore Shocks

Additional

Your new RC10B84 Kit comes unassembled and requires the following items for completion (refer to AssociatedElectrics.com for suggestions):

- R/C two channel surface frequency radio system
- AA-size batteries for transmitter
- Electronic Speed Control ("ESC")
- Steering servo
- R/C electric motor
- Pinion gear, size determined by type/turn or kV of motor

Other Helpful Items

- Silicone Shock Fluid (Refer to AssociatedElectrics.com for complete listings)
- FT Body Scissors (#1737)
- FT Hex/Nut Wrenches (#1519)
- FT Universal Tire Balancer (#1498)
- FT Dual Turnbuckle Wrench (#1114) Green Slime shock lube (#1105)

Associated Electrics, Inc. 21062 Bake Parkway. Lake Forest, CA 92630



• FT Body Reamer (#1499)

Needle Nose Pliers

Customer Service Tel: 949.544.7500 Fax: 949.544.7501

http://www.AssociatedElectrics.com • http://www.instagram.com/teamassociatedrc/ • http://www.facebook.com/TeamAssociated/

- Battery charger
- (a peak detection charger, or LiPo compatible charger)
- 2 cell LiPo battery pack
- Polycarbonate specific spray paint
- Cyanoacrylate glue ("CA") (#1697)
- Thread locking compound (#1596)
- Tires and Inserts, Fronts and Rears
- Shock Pliers (#1681)
- FT Ballcup Wrench (#1579) Calipers or a Precision Ruler
 Soldering Iron
- Hobby Knife
- Wire Cutters

Button Head (bhcs)		Flat Head (fhcs)		Ball Bearings	
	2x4mm (31510)		2x3mm (91743)		4x7x2.5mm (31732)
	2.5x5mm (31519)		2.5x8mm (31472)		
	2.5x6mm (31520)		3x5mm (31540)		5x8x2.5mm (31400)
	2.5x8mm (31521)		3x6mm (31541)	\square	5x10x4mm (91560)
	2.5x10mm (31522)		3x8mm (25201)		5x10x4mm flanged (92324)
	3x4mm (91158)		3x10mm (25202)	(\bigcirc)	5x12x4 (91567)
	3x5mm (31530)		3x12mm (25203)		
	3x6mm (31531)		3x14mm (89208)		10154 (01500)
	3x8mm (31532)		3x16mm (25204)		10x15x4 (91563)
	3x10mm (25211)		3x18mm (89209)		
	3x12mm (89202)	LP Socket Head (lp sho	csl		12x18x4 (92544)
	3x14mm (25187)		3x6mm (41089)		12x10x4 (92044)
	3x16mm (89203)		3,01111 (41009)		
	3x18mm (2308)		3x8mm (41096)	Ballstuds	
	3x20mm (25188)		3x10mm (41090)		HD, short neck 4mm (32041) Ti HD, short neck 4mm (32095)
	3x22mm (25189)				HD, short neck 6mm (32042)
	3x24mm (89204)		3x22mm (41095)		Ti HD, short neck 6mm (32096)
	3x30mm (91478)		3x24mm (41097)		HD, short neck 8mm (32040) Ti HD, short neck 8mm (32097)
			· · · · ·		HD 6mm (91047)
Set Screws		Nuts (lock/plain)			Ti HD 6mm (91751)
	3x2.5mm (31500)		M3 Nut (91477) . Locknut, Blue (31550)		HD 8mm (91048) Ti HD 8mm (91752)
	3x3mm (25225)	M3	Locknut, Black (25215)		HD 10mm (91049)
	3x6mm (81257)		cknut w/Flange (25612) Locknuts, Blue (25392)		Ti HD 10mm (91753)
	3x10mm (4671)		M4 Locknuts:	Shims and Wa	shers
	3x20mm (91737)	Serrate	rrated Steel LP (91150) ed Steel (Silver) (91826)	\bigcirc	5.5x0.5mm (31381)
	4x5mm (25226)		luminum (Blue) (31551) uminum (Black) (91738)		5.5x1.0mm (31382)
				$\bigcirc [$	5.5x2.0mm (31383)
Cap Head (shcs)					2):2mm (Machar (20012)
	1.6 x 5mm (91611)				3x8mm Washer (89218)
Notes:					

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Notes



This symbol indicates a special note or instruction in the manual.

14.....Rear Hubs Build Bag 7



This symbol indicates the number



of the same part that is required. This symbol indicates the order within a step to assemble parts.



This symbol indicates there



are optional FT parts available





This symbol indicates a Racers Tip.





This symbol indicates where Thread Lock Adhesive should be applied. *not included

This symbol indicates where Diff Fluid should be applied.

This symbol indicates where Shock Fluid should be applied.

To check the size of a part, line up your hardware with the correct drawing until you find the exact size. Each part in the foldout has a number assigned to it for ordering replacement parts.









This symbol indicates where FT Silicone Grease should be applied. *not included

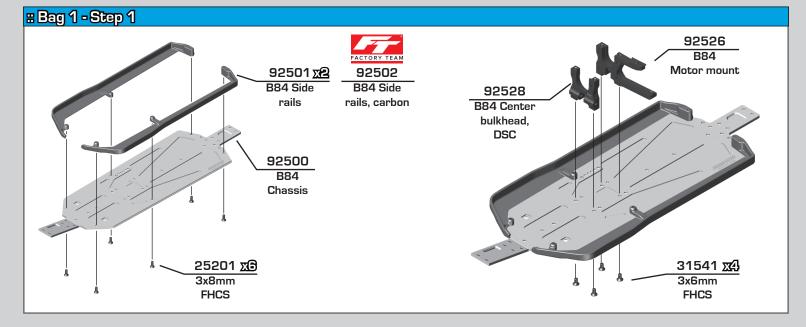
This symbol indicates where FT Diff Lube should be applied. *not included

This symbol indicates where Black Grease should be applied.

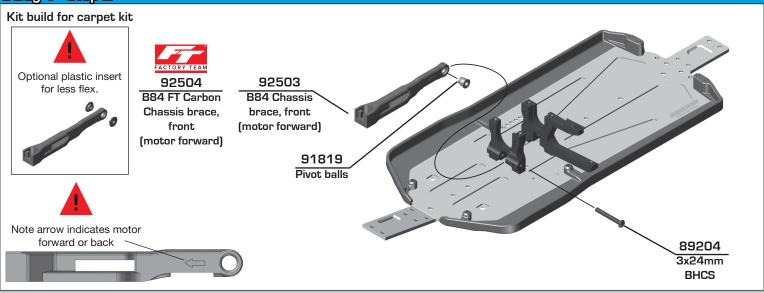
This symbol indicates where Green Slime can be applied. *not included



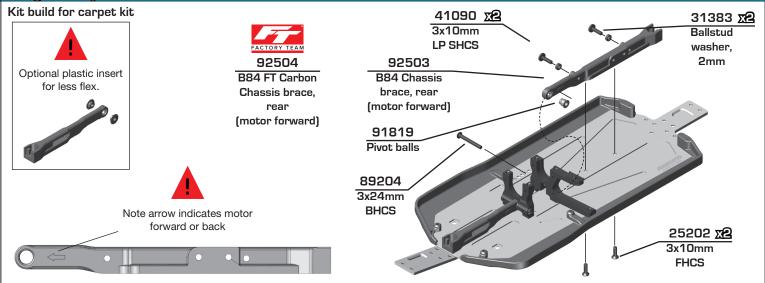
There is a 1:1 hardware foldout page in the front of the manual.

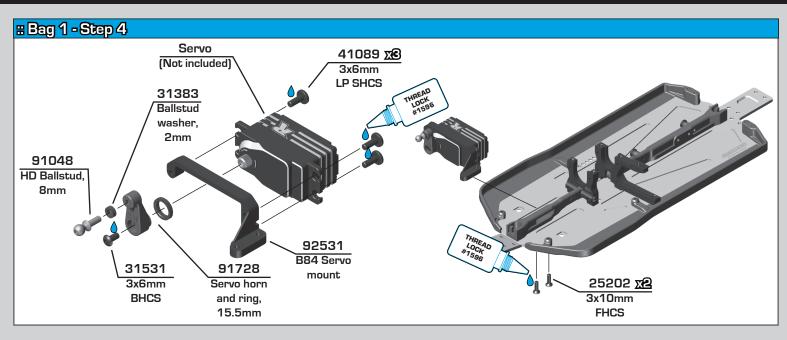


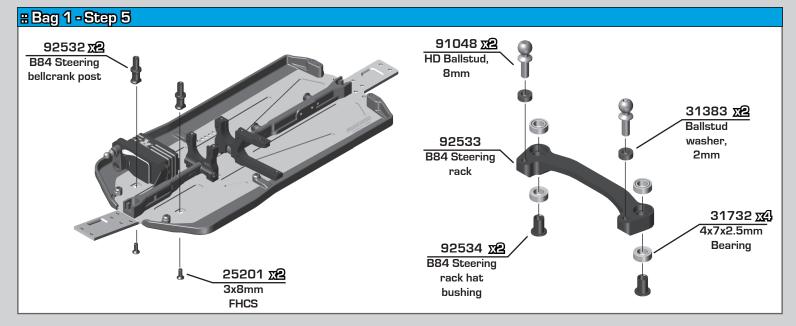
Bag 1 - Step 2



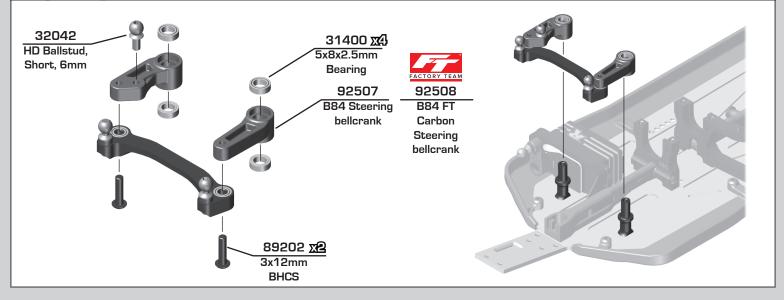
Bag 1 - Step 3

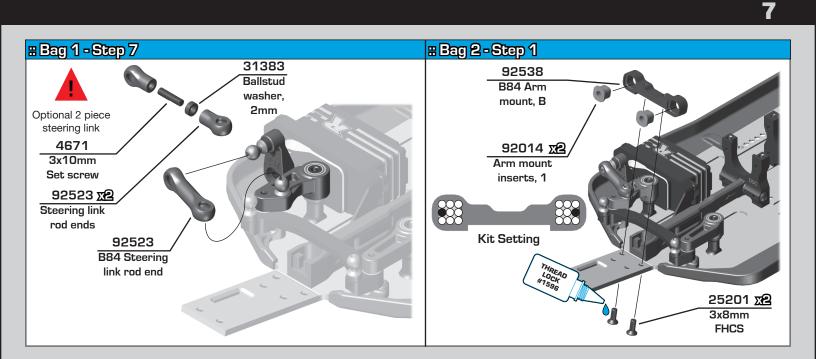


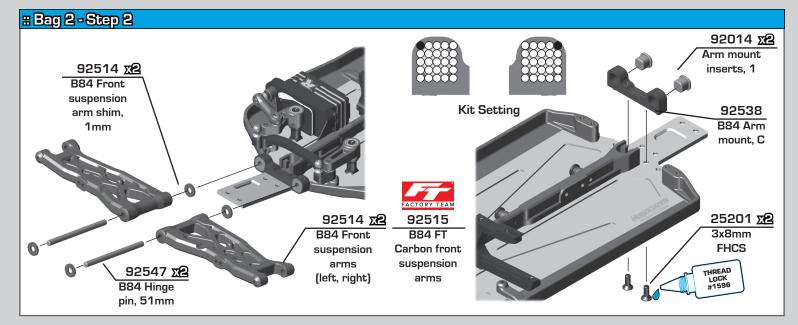


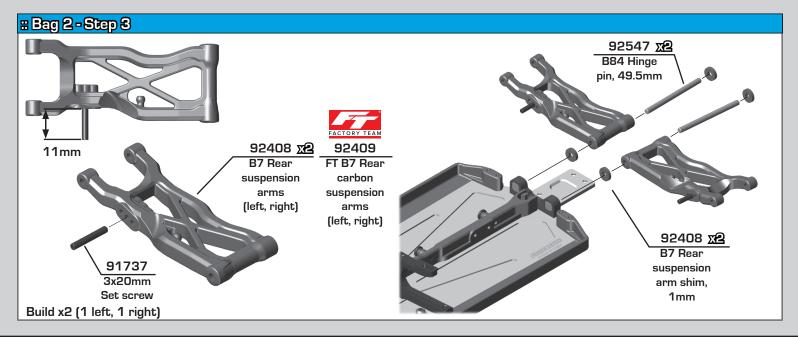


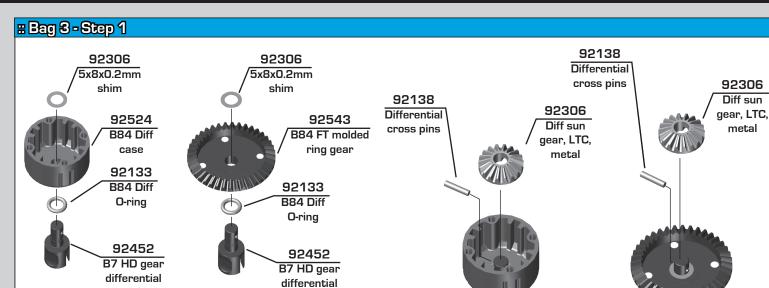
Bag 1 - Step 6







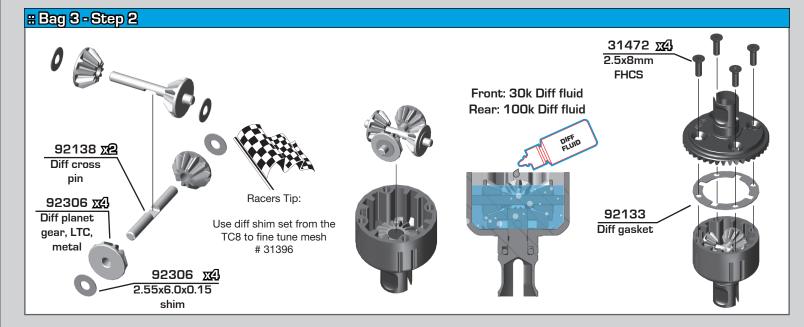


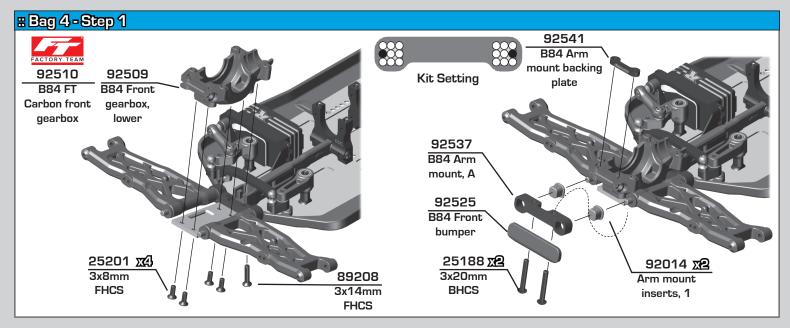


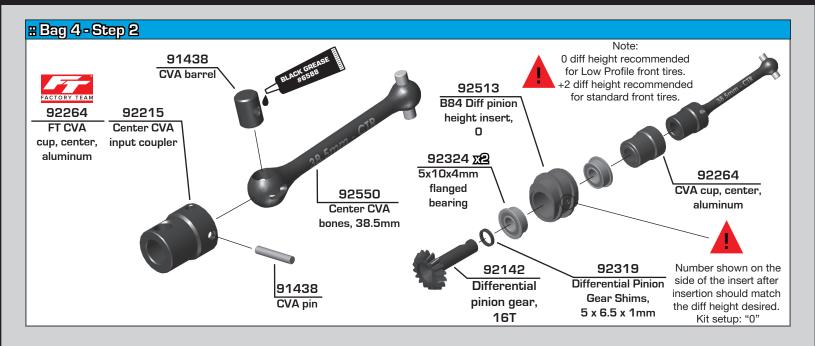
outdrives

Build x2 (1 front, 1 rear)

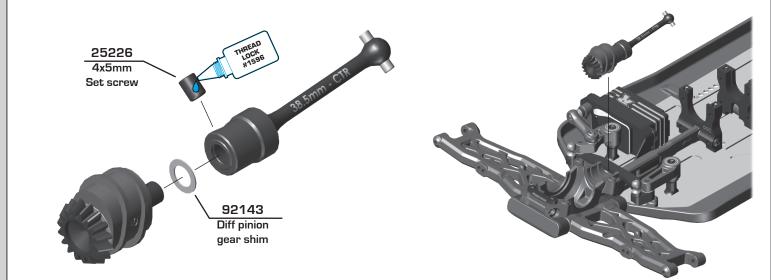
outdrives

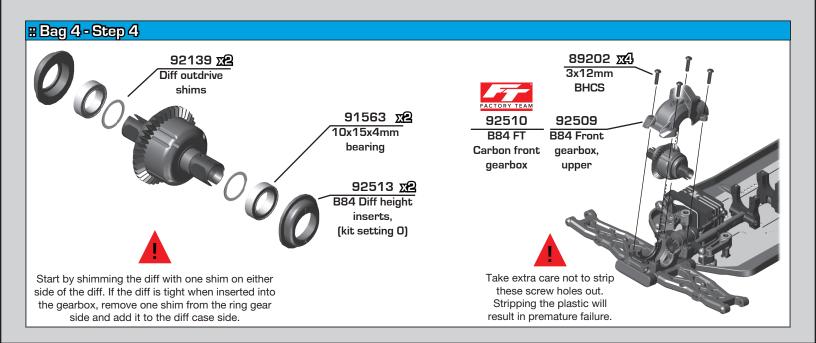


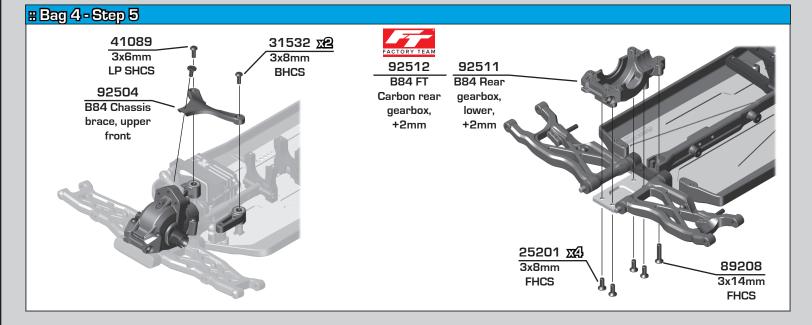


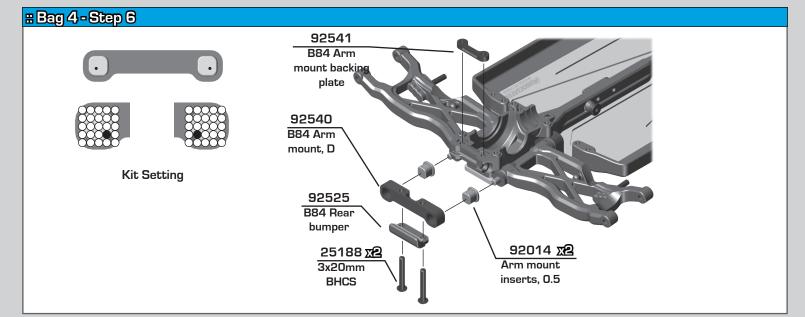


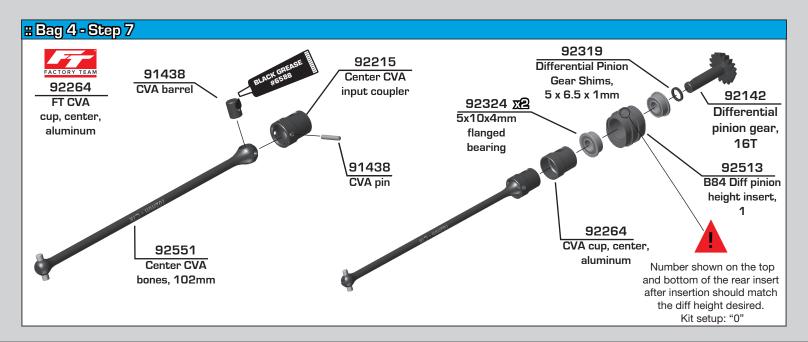
HBag 4 - Step 8



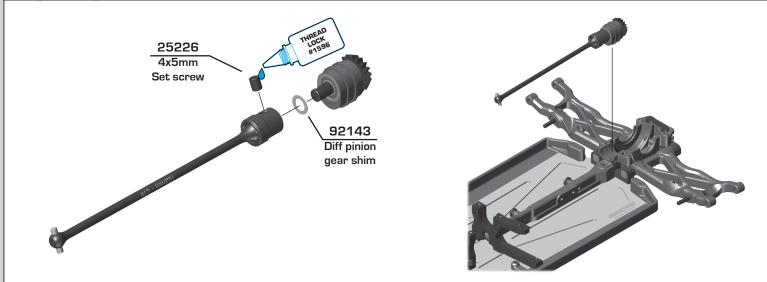




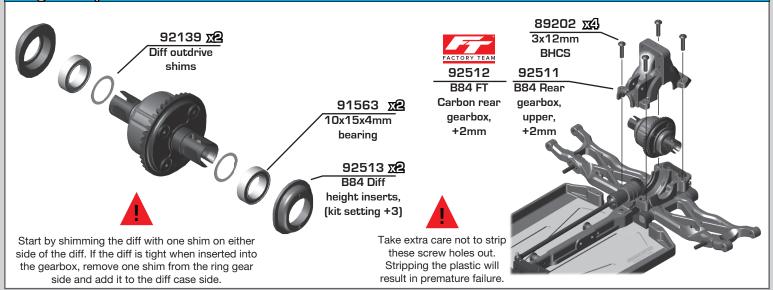


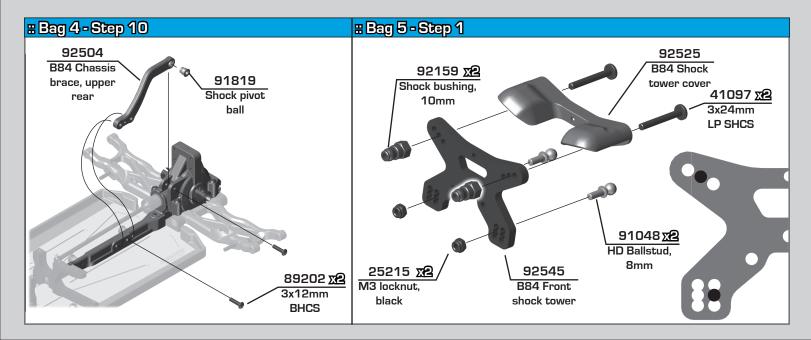


Bag 4 - Step 8



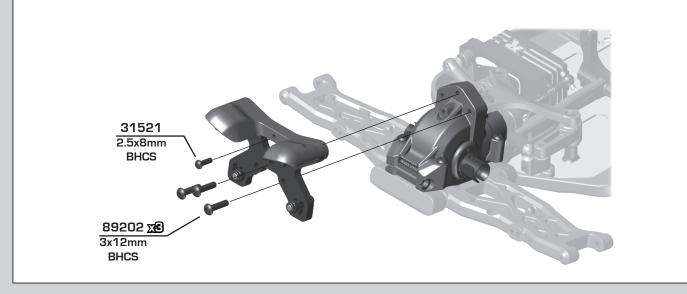
Bag 4 - Step 9

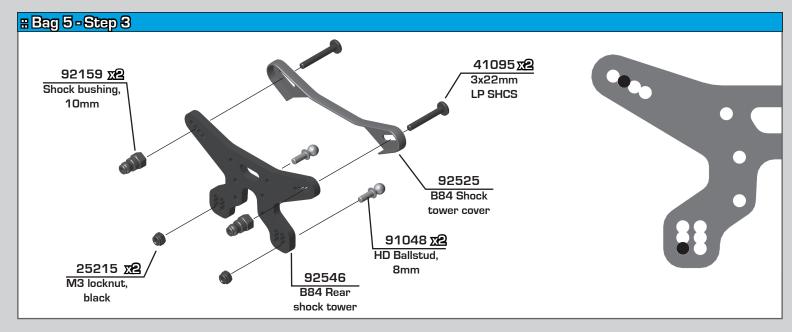


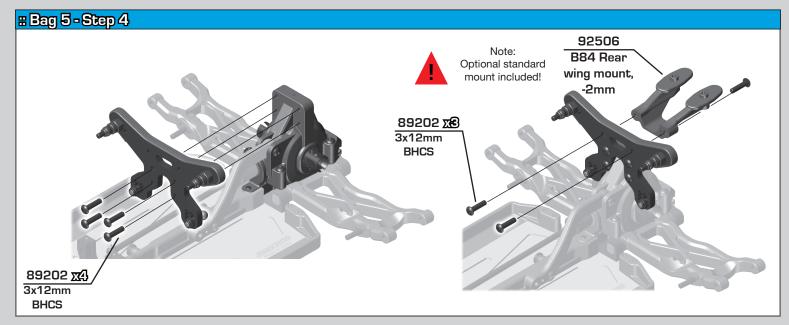


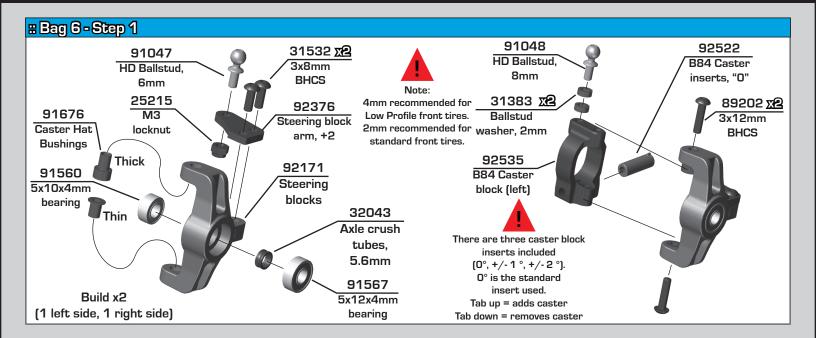


Bag 5 - Step 2





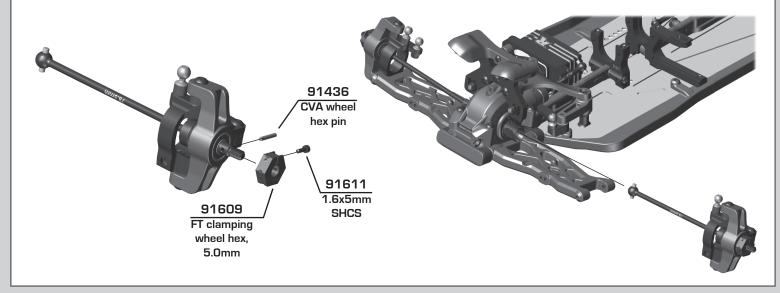


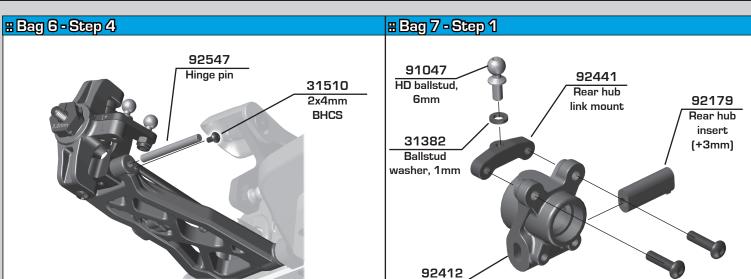


Bag 6 - Step 2



Bag 6 - Step 8





B7 Rear

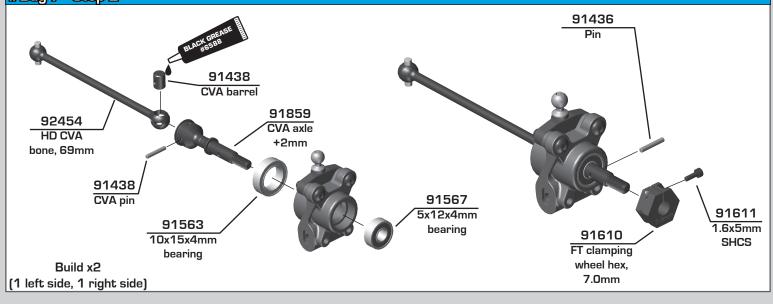
hubs, HRC

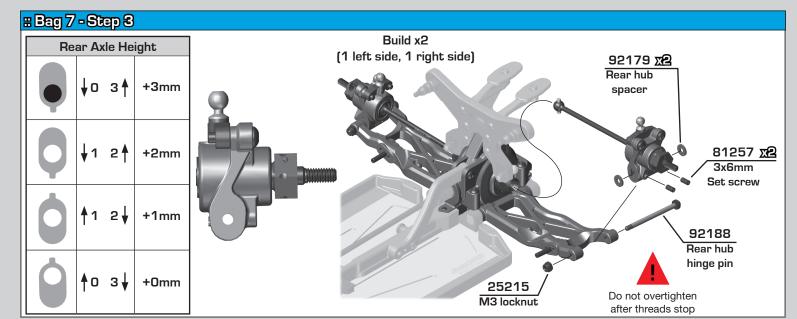
89202 🗝

M3x12mm

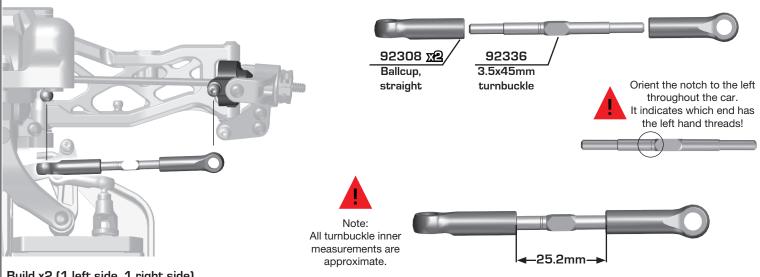
BHCS

Bag 7 - Step 2



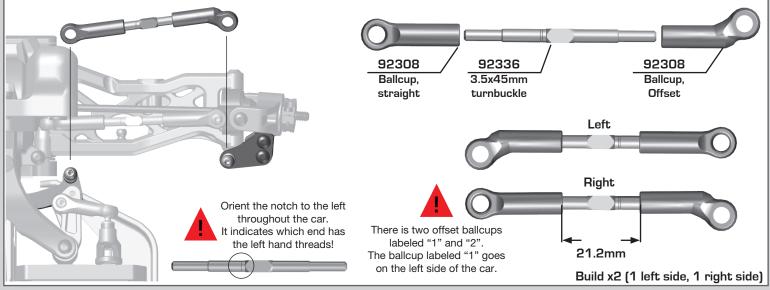


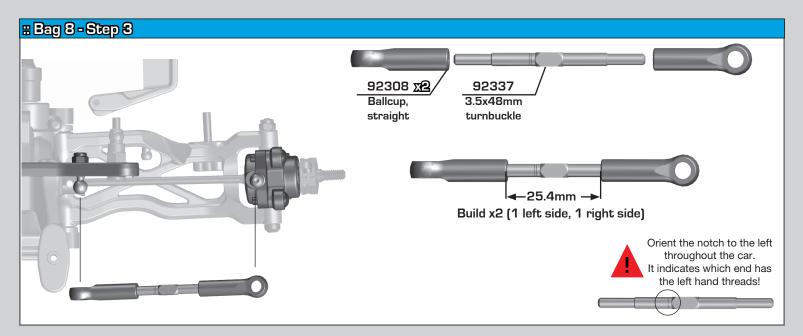
Bag 8-Step 1



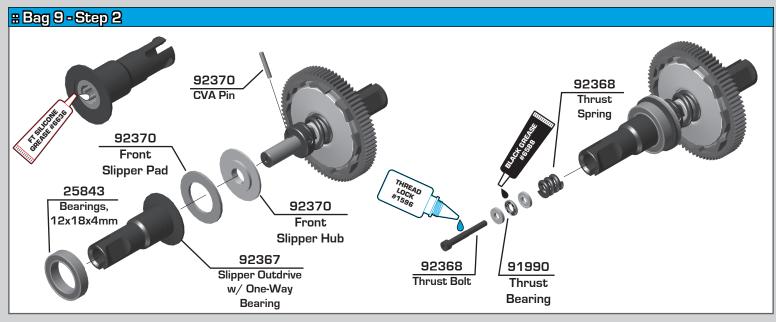
Build x2 (1 left side, 1 right side)

Bag 8 - Step 2

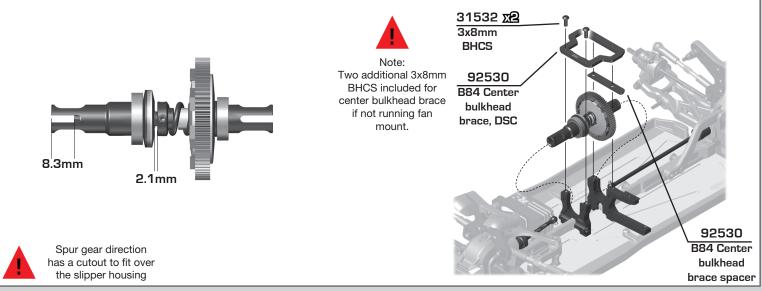


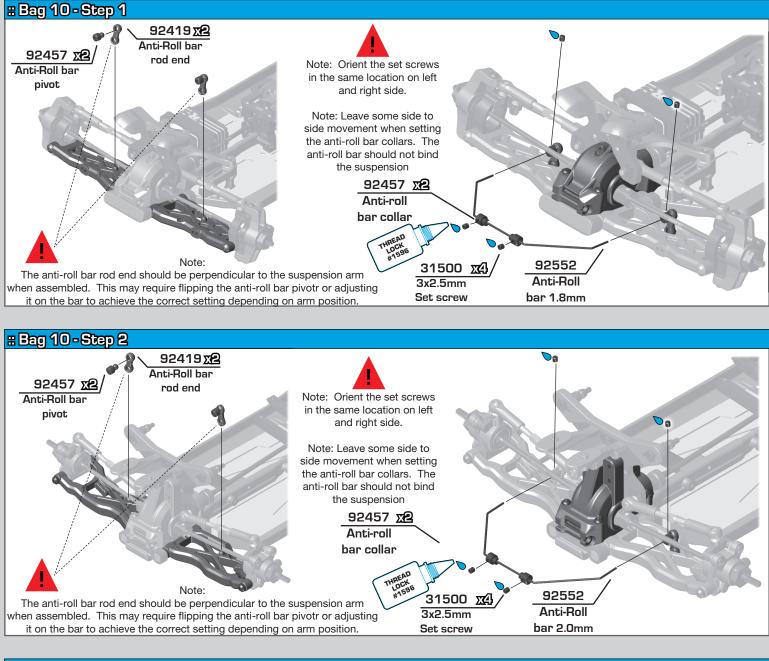


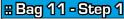


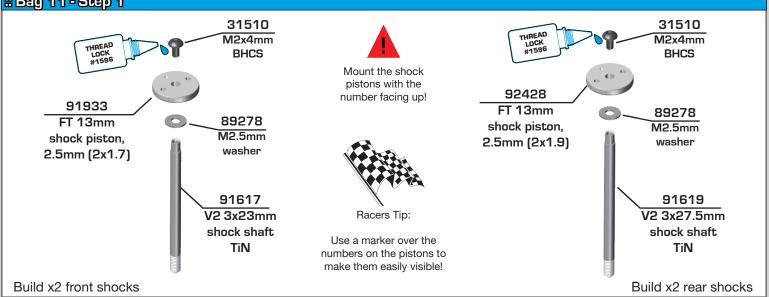


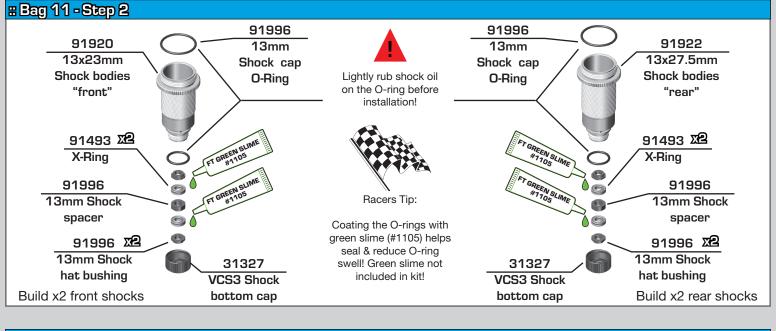
Bag 9 - Step 3



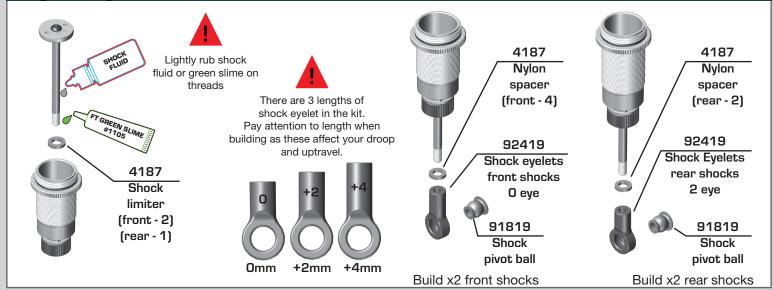






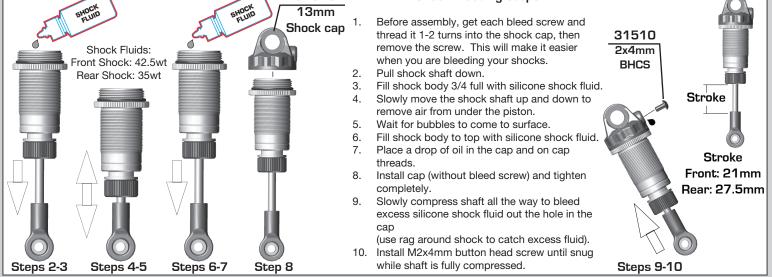


Bag 11 - Step 3

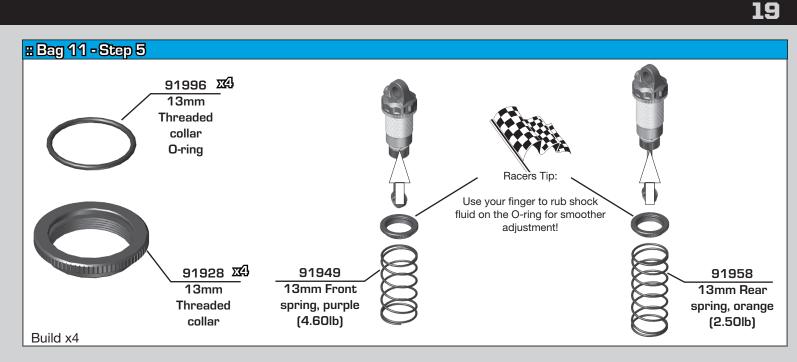


Bag 11 - Step 4

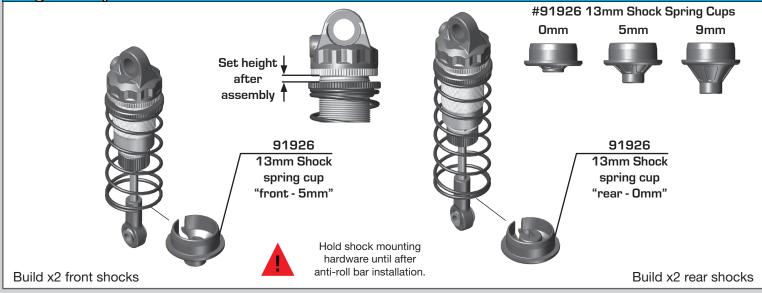
Shock Bleeding Steps:



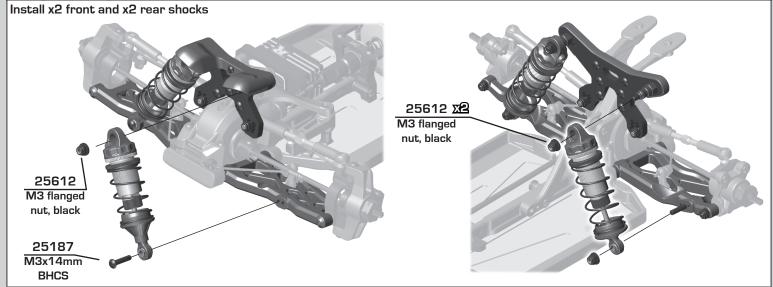
91926

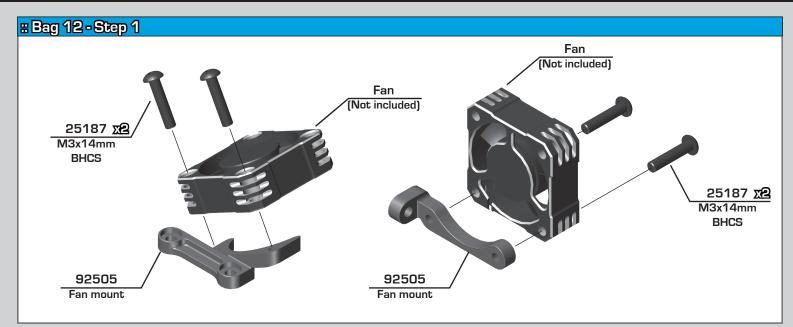


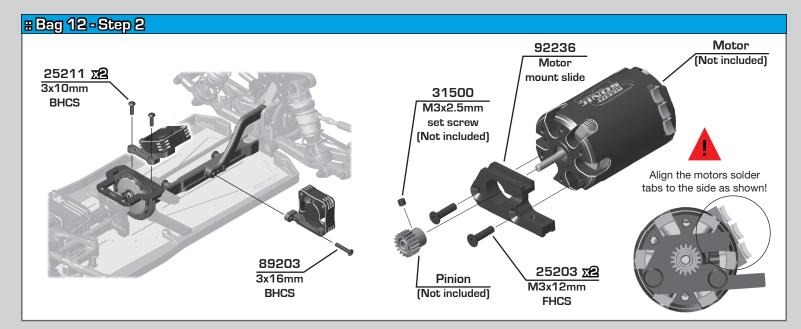
Bag 11 - Step 6

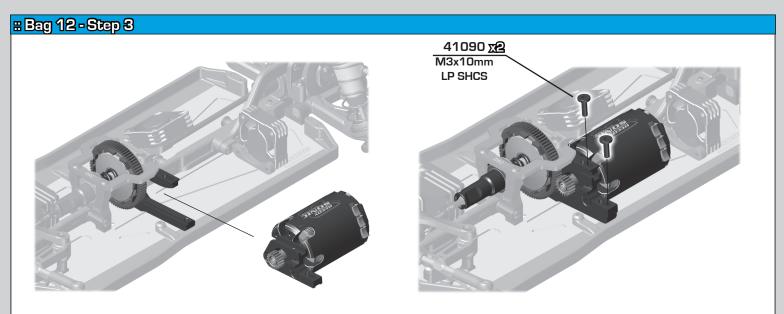


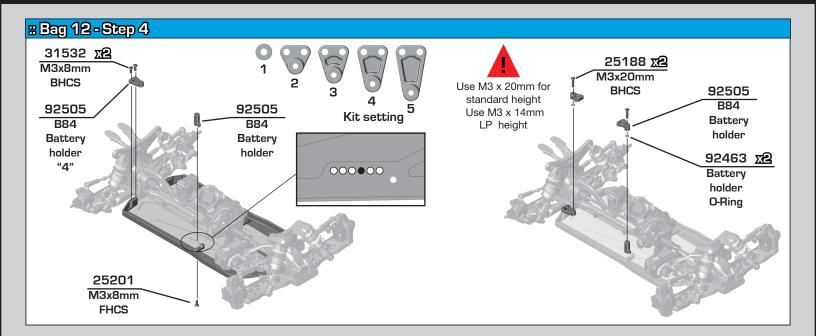
Bag 11 - Step 7



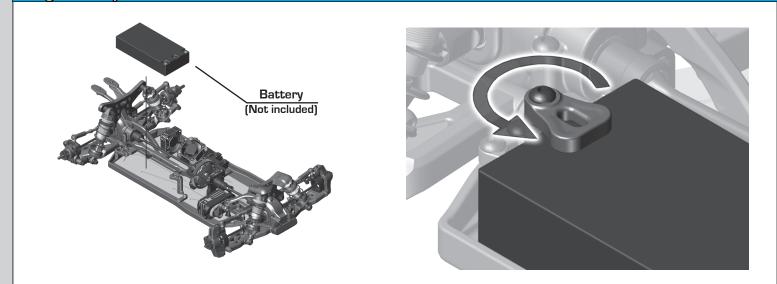


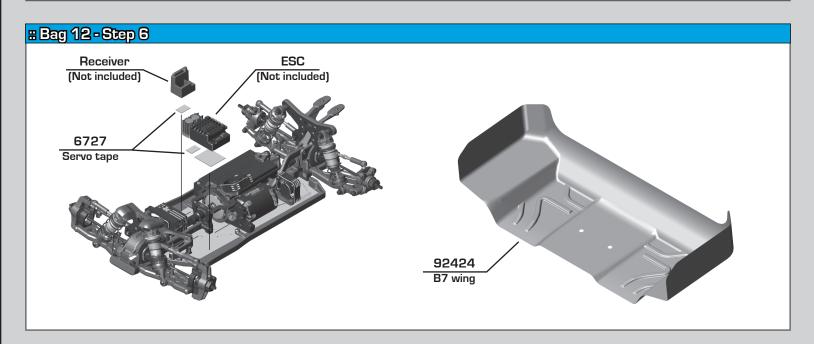


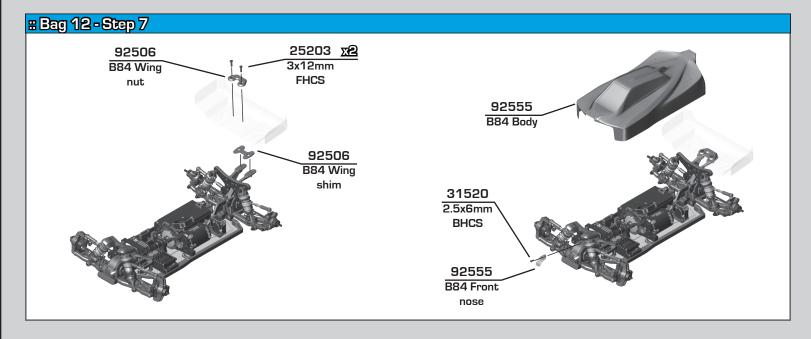


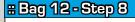


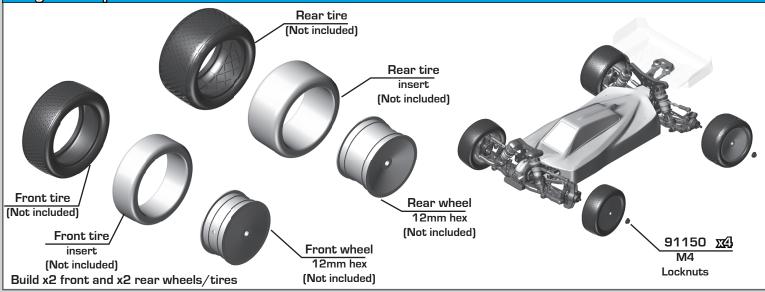
Bag 12-Step 5











Tuning Tips - Painting, Beginners

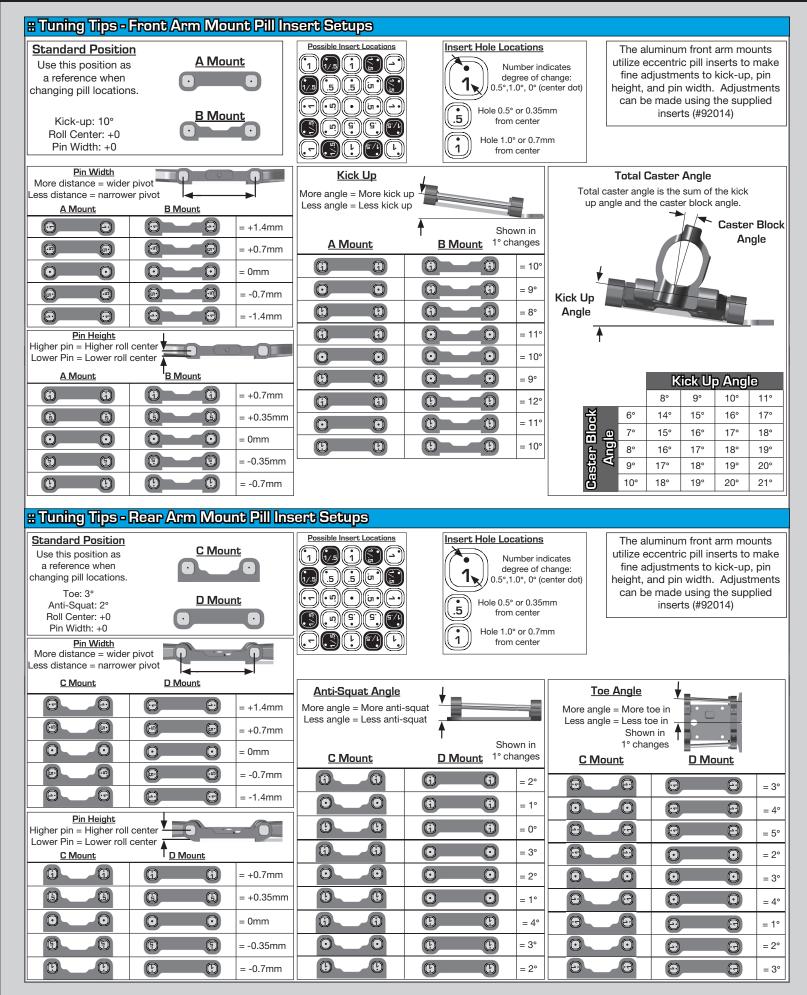
Painting:

Your Kit requires a clear polycarbonate body. You will need to prep the body before you can paint it.

Wash the INSIDE thoroughly with warm water and liquid detergent (do not use any detergents with scents or added hand lotion ingredients!). Dry the body using a clean, soft, lint-free cloth. Use the supplied window masks to cover the windows from the INSIDE of the body (RC bodies get painted on the inside). Using high quality masking tape, apply tape to the inside of the body to create a design. Spray (use either rattle can or airbrush) the paint on the inside of the body (preferably dark colors first, lighter colors last). NOTE: ONLY use paint that is recommended for (polycarbonate) plastics. If you do not, you can destroy the body! After the paint has completely dried (usually after 24 hours), cut the body along the trim lines. Make sure to drill or use a body reamer to make the holes for the antenna if needed! Use hook and loop tape to secure the body to the side rails of the vehicle.

Tips for Beginners:

Before making any changes to the standard setup, make sure you can get around the track without crashing. Changes to your vehicle will not be beneficial if you can't stay on the track. Your goal is consistent laps. Once you can get around the track consistently, start tuning your vehicle. Make only ONE adjustment at a time, testing it before making another change. If the result of your adjustment is a faster lap, mark the change on the included setup sheet (make adddtional copies of the sheet before writing on it). If your adjustment results in a slower lap, revert back to the previous setup and try another change. When you are satisfied with your vehicle, fill in the setup sheet thoroughly and file it away. Use this as a guide for future track days or conditions. Periodically check all moving suspension parts. Suspension components must be kept clean and move freely without binding to prevent poor and/or inconsistent handling.



	Dalvara	Kit - Carpet Evan t	I	Quality:	Main
	, Date:				
	,				
Front Suspension:					
Ride Height: 11mm	Lower Br	ace Type: Fixed Pivot			Axle Height: +3 +2 +1 0
Camber: -1 deg					
Toe: O deg Anti-Roll Bar: 1.8mm	=	Da	III Stud Spacing		Ball Stud Spacing: 0
Arm Type: Kit		Int A: 1 ° 🚺 0.5° 🗌	_		Steering Plate: +2
Tower Type: Kit		Gray Black			
Wheelbase Shim: Arm Middle			Diff Hei	iaht:	³ 21
Wheel Hex: 5mm	╡ 🐯		+3		ud Spacing: 4mm
Steering Block Type: B74			+2		3 ~ 6
Caster Block: 6° 7° 8° 9° 10°	Arm Mou	Int B: 1 ° 0 .5°	+0		2 8 5
Chassis Brace Material: Kit		Gray Black			
Top Plate Brace Material: Kit	╡───				
Front Axles: CVA DCV					
Notes:	f 🖾				BA
Rear Suspension:					
Ride Height: 11mm	Lower Br	ace Type: Fixed Pivot	Axle H	eight:	Gearbox:
Camber: -1 deg				3 4 +3	Standard
Anti-Roll Bar: 2.0mm	Bear Cha	assis Brace Screws:			+2
Arm Type: Kit - B7	╡ <u>╞</u>				4.2.0
Tower Type: Kit		Int C: 1 ° 🗾 0 .5° 🗌 Gray 🔜 Black 🗌		2 🕇 +1	
Wheelbase Shim: Arm Middle			<u> </u>	3♥ +0	per Link Spacing: 0
Wheel Hex: 7mm	╡ 888				ber Link Spacing.
Hub Type: Kit - B7 HRC					3 8 6
Drive Shaft Type: 69mm Bone	Arm Mou	Int D: 1° 0.5°	Diff Heigh	it:	Ball Stud Spacing: 1mm
Chassis Brace Material: Kit		Gray Black +3			69mm HD
Upper Chassis Brace Material: Kit		00 00000	+2		
Hub Spacing: Fwd Mid Back			+1 +0		
Notes:			10		СВА
Electronics		Differential:	E	Shocks:	
Radio: Servo:		Front Cente	r Rear	Front	Rear
EPA: Throttle: % Brake:	%	Fluid: 30K	100K	Piston: 2x1.7	/ 2x1.9
ESC:		Gears: LTC		Thickness: 2.5mr	
ESC Settings:		Type: Metal		Fluid: 42.5w	
Motor / Wind:	iming:			Spring: Purple	e Orange i
Pinion: Spur:		Slipper Clutch:			xt: <u>4 Int: 1 Ext: 2</u>
Motor Position: Forward: Back:		Туре:		Stroke: 21mn	n 27.5mm
Battery Position:		# of Pads:		Eyelet: O	
Back 1 2 3 4 5 Forward				Cup Offset: 0 +5	+9 0 +5 +9
Battery: Weight:				Kashima Bodies: 🗌 Cl	hrome Shafts: Machined Spacers:
Notes:				Notes:	
TrackInfo:	Titres		Body, Wei	ghte	Vehicle Comments
Size: Front Tires:		Body:		B84	Notes:
Surface: Front C		Compound: Front W			
Traction:	Front Insert:			B7]
Moisture:	Rear Tires:			Vlount: 02	<u> </u>
Condition:	Rear Compo	Rear Compound:		0° 3° 6°	ī
Rear				gth: Standard	
Temperature:	Wheel (F/R):		Total Vehicle	-	ī]]
	Notes:				≒IIl
Notes:	Notes:		Notes:		

For more setups, visit https:///www.associatedelectrics.com/teamassociated/manuals_and_setup_sheets/

	Drivera	Events		e	elliva	Main	
TEAMEKIT	— –				dishi	 BestLepTimer	
Front Suspension: Ride Height:						Axle Height:	
Camber:	Lower. Br	ace Type: Fixed Pivot					
Toe:			II Stud Spacir			Ball Stud Spacing:	
Anti-Boll Bar:	4			iy.			
Arm Type:	Arm Mou	nt A: 1° 0.5°				Steering Plate:	
Tower Type:		Gray Black				3.00	
Wheelbase Shim:			Diff He	eiaht:		³ 2 ¹	
Wheel Hex:	╡ ०००		+3		Ball Stud	Spacing:	
Steering Block Type:	=		+2			3 6	
Caster Block: 6° 7° 8° 9° 10°] Arm Mou	nt B: 1° 0.5°	- +0			32 885 1 884	
Chassis Brace Material:	Ĭ	Gray 🗌 Black 🗌		411			
Top Plate Brace Material:	i						
Front Axles: CVA DCV					U.Q.		
Notes:		ČČČ				ВА	
Rear Suspension:							
Ride Height:	Lower Br	ace Type: Fixed Pivot	Axle I	leight:		Gearbox:	
Camber:		0 000	• • •	3▲ +3		Standard	
Anti-Roll Bar:	Rear Cha	ssis Brace Screws:	0 1	2 4 +2	DR	+2	
Arm Type:	Arm Mou	nt C: 1 ° 🗌 0.5° 🗌	0 ▲1	2♥ +1		432	
Tower Type:		Gray 🗌 Black 🗌					
Wheelbase Shim:			▲0	3♥ +0	Camber	Link Spacing:	
Wheel Hex:					9		
Hub Type:		••				all Stud Spacing:	
Drive Shaft Type:	Arm Mou	Arm Mount D: 1° 0.5° Diff Height:		ht:			
Chassis Brace Material:	Gray Black +3				69mm HD		
Upper Chassis Brace Material:			+1	H			
Hub Spacing: Fwd Mid Back	┦ 888		+0				
Notes:						СВА	
Electronics		Differentials		Shocks:			
Radio: Servo:		Front Center	r Rear		Front	Rear	
EPA: Throttle: % Brake:	%	Fluid:	+	Piston:			
ESC:				Thickness:			
ESC Settings:		Type: Fluid:					
	Motor / Wind: Timing:		Notes: Spring:		9T		
Pinion: Spur:							
Motor Position: Forward: Back:				Stroke:			
Battery Position: Back 1 2 3 4 5 Forward				Eyelet:	set: 0 +5 +9 0 +5 +9		
Back 1 2 3 4 5 Forwa Battery: Weight:				Cup Offset: Kashima Boo			
Notes:				Notes:			
	Tilrest		Body, We			Vehicle Comments:	
Size:	Front Tires:					Notes:	
Surface:		und: Front Wing:		:			
Traction:							
Moisture:	Rear Tires:		Rear Wing Mount: 0 -2				
Condition:	Rear Compound:		Wing Angle: 0° 3° 6°				
Rear Inse							
Temperature:			Total Vehicle Weight:				
Notes:			Notes:				
			cs.com/teamassociated/manuals				

For more setups, visit https:///www.associatedelectrics.com/teamassociated/manuals_and_setup_sheets/



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