SC10 FACTORY Team

SHORT COURSE

IFMAR WORLD CHAMPIONS 24 TIME



#7034 SC10 Factory Team Kit

KIT
ASSEMBLY REQUIRED

1:10 Scale Electric 2WD Off Road Race Truck Kit Manual & Catalog 4/10

TEAM ASSOCIATED

Designed in California, USA

:: Introduction

Thank you for purchasing this Team Associated product. This manual contains instructions and tips for building and maintaining your new SC10. Please take a moment to read through it and familiarize yourself with these 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 supplimentary sheets located in the appropriate parts bags. Check each bag for these sheets before you start to build.

:: SC10 Factory Team Features

- '09 Championship 0.040" polycarbonate Short Course Body with decal kit
- JConcepts Subcultures SCT rear tires with molded foam inserts (1 pr.)
- Ball differential with light-weight outdrives
- Factory Team V2 dual-cap hard anodized shock bodies with threaded collars
- Bleed-screw shock caps
- Carbon fiber battery strap
- CVA joints with pin retainer clips
- Factory Team blue titanium turnbuckles
- Factory Team blue milled motor plate
- Factory Team blue aluminum servo mounts
- Factory Team blue aluminum wheel spacers
- Factory Team blue aluminum hinge pin brace
- Factory Team blue aluminum shock bushings
- Factory Team blue aluminum shock pivot balls
- Factory Team blue aluminum screws for body mounts
- Suspension mounts for 4, 3.5, 3, and 2.5 degrees rear toe included
- 30 degree caster blocks
- Factory Team blue cone washers for top plate
- Ball bearings for steering bellcranks
- Blue aluminum servo saver nut
- Factory Team gold slipper pads
- Gray rear, Red front shock springs
- 3/16" mini locking nuts
- Updated V2 slipper assembly with high-rate spring for a more consistent slipper clutch
- Updated suspension settings ideal for Short Course racing
- Updated chassis and front suspension arms for increased durability
- Updated rear wheels with more drive pin support
- Built on 7-time National Champion RC10 T4 Platform
- KMC style wheels front and rear
- All-terrain front tires with molded inserts
- Realistic bumpers front and rear for maximum durability
- Rubber AE logo mud flaps
- 2.6:1 Ratio Gearbox
- Dual-sided externally adjustable slipper clutch
- Molded composite low-CG chassis
- Set-screw to secure antenna tube
- Durable front and rear body mounts with adjustable height
- Complete set of 14 rubber sealed ball bearings
- Fully adjustable caster, camber, and toe-in
- Angled bellcrank "co-planar" steering
- Built in servo saver
- Vertical ball end adjustment, front and rear

:: Additional

Your new SC10 FT kit comes unassembled and requires the following items for completion (refer to catalog section for suggestions):

- R/C two channel surface frequency radio system
- AA-size batteries for transmitter (x8) (#302 alkaline, #303 rechargealble)
- Electronic Speed Control, ESC (#29140, #29141)
- Steering servo (#29166, #29167) • R/C electric motor
- Pinion gear, size determined by type/wind of motor
- Battery charger (a peak detection charger, or LiPo compatible charger)
- 6 cell NiMH battery pack (#700) or 2-3 cell LiPo battery pack (#714)
- Calipers or a precision ruler • Needle nose pliers
- Lexan specific spray paint • Body Scissors (#1737)
- Reamer / hole punch • Cyanacrylate glue (#1597)
- Thread locking compound (#1596)

Tools included:

- Allen wrenches #6950 (.050", 1/16", 3/32", 5/64")
- 2.5mm allen wrench (for motor screws)
- Molded tools #6956
- Camber gauge #1719
- Shock building tool #6429

* 

*These Symbols Indicate a special note or instructions, or a Factory Team replacement part is available.

There is a 1:1 fold out in the back of the manual. Fold it out while building your kit for easy parts sizing!

Associated Electrics, Inc.
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Lake Forest, CA 92630

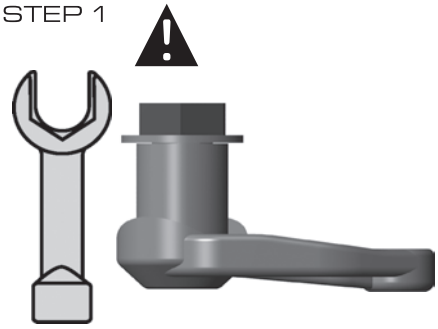
Customer Service
Tel: 949.544.7500
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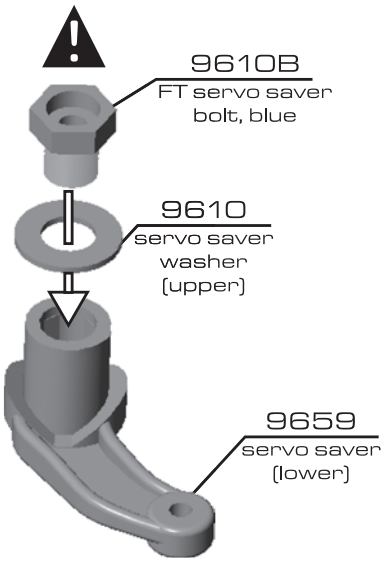
:: Steering Rack Pre-Threading Procedure

BAG A

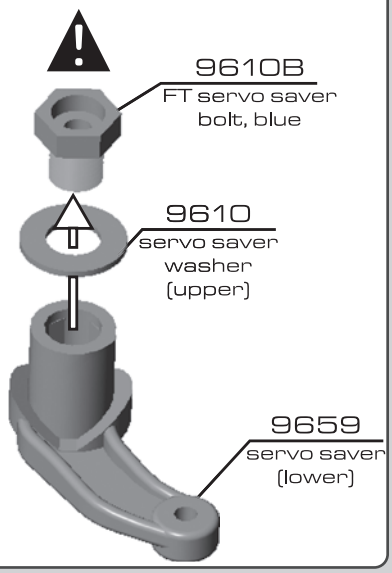
A 1 / 2
STEP 1



With supplied wrench, tighten servo saver bolt gently, **until it hits bottom.** Do not over tighten.

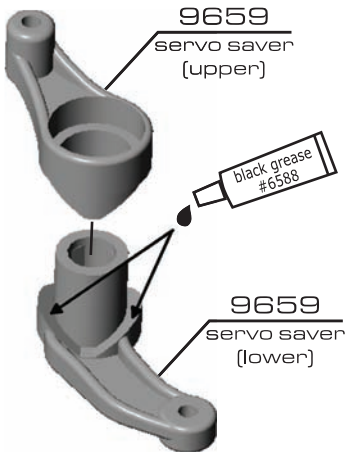


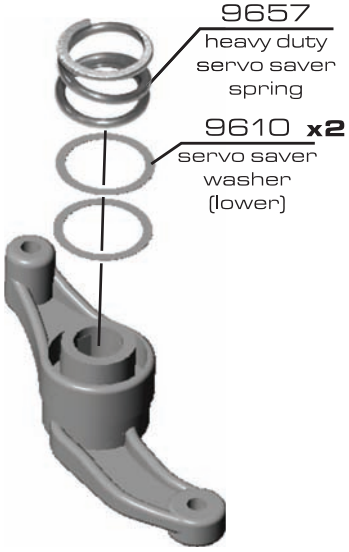
Remove bolt and washer, continue assembly per instructions.

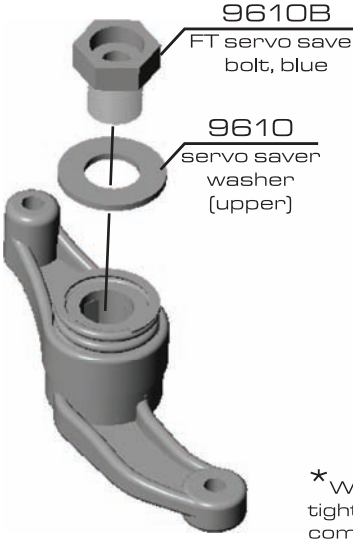


:: Steering Rack Build

A 2
STEP 2





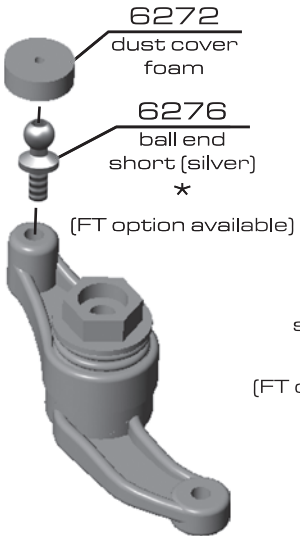


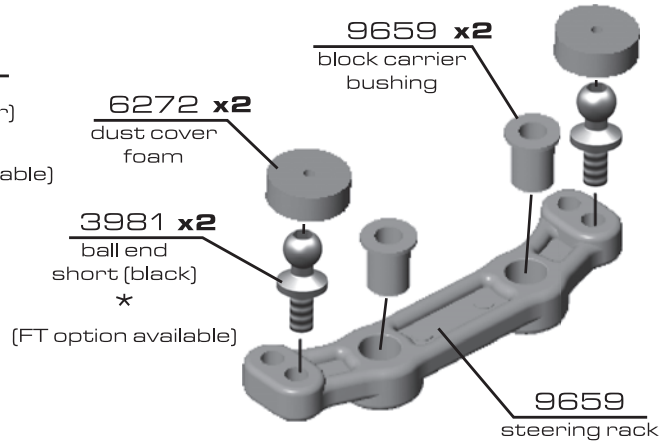


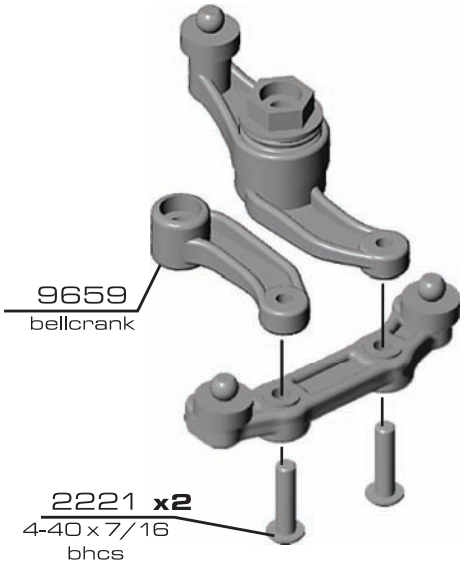
*With supplied wrench, tighten servo saver bolt completely, but take care not to overtighten.

:: Steering Rack Build (cont.)

A 2 / 3
STEP 2

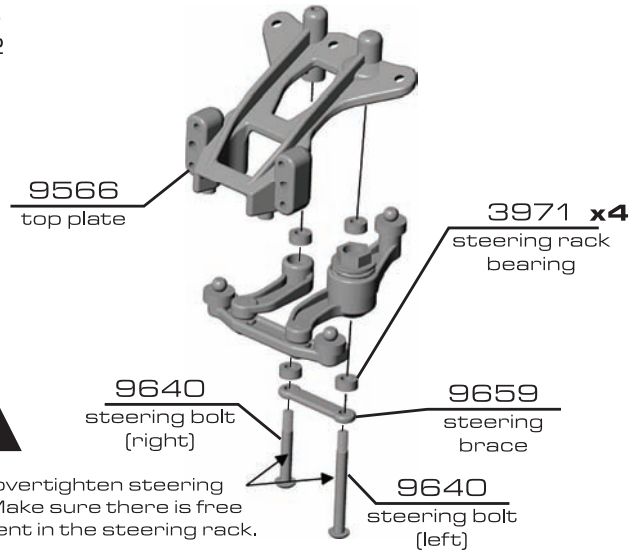




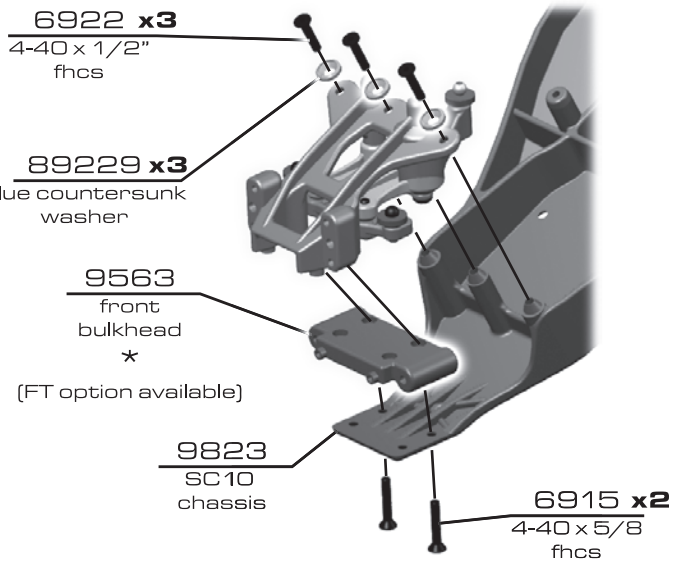


:: Steering Rack Build (cont.)

A 4 / 5
STEP 2



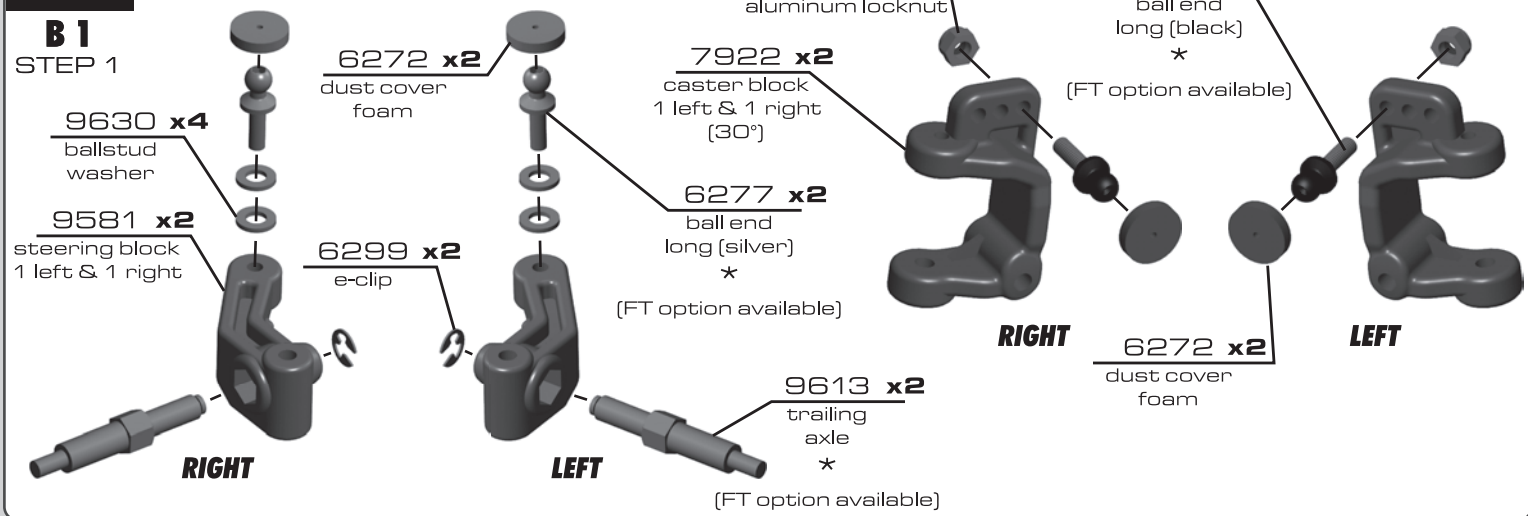
Do not overtighten steering bolts. Make sure there is free movement in the steering rack.



:: Steering Knuckles Build

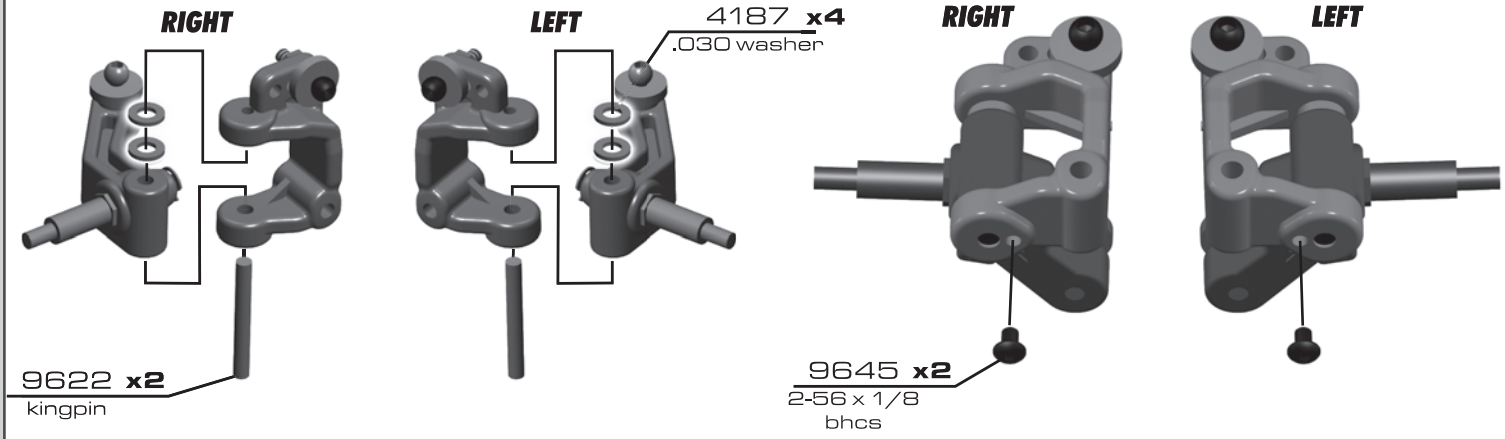
BAG B

B 1
STEP 1



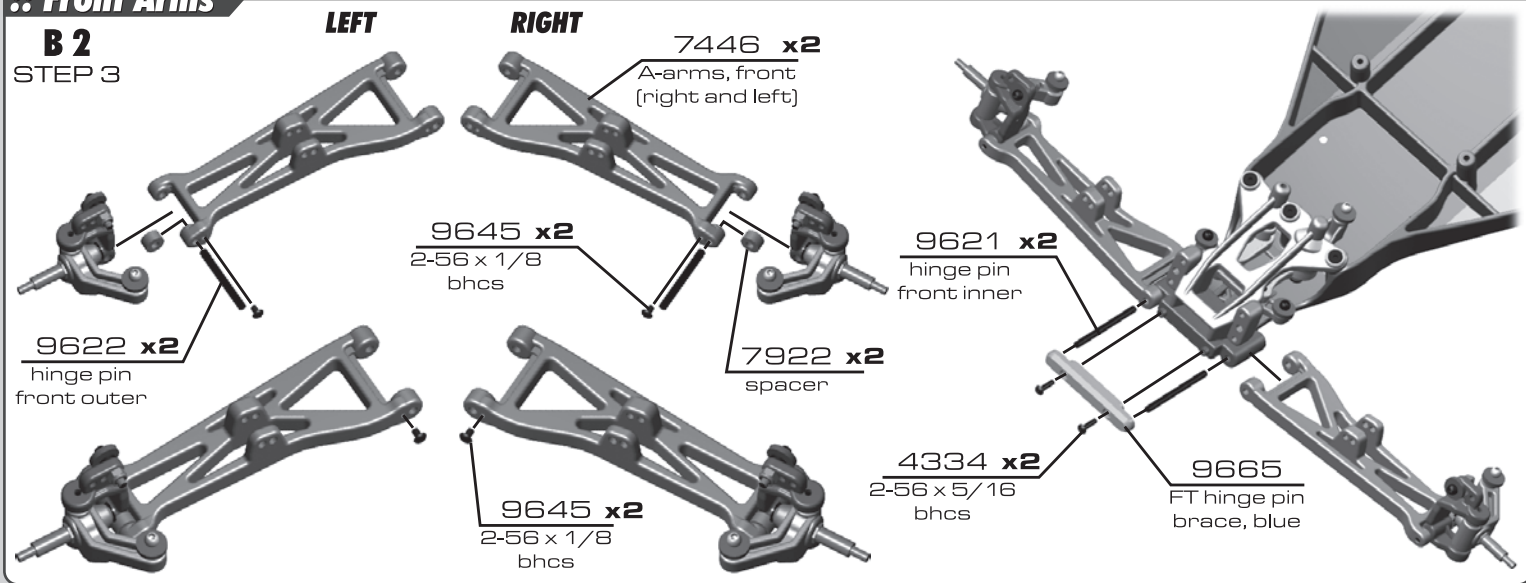
:: Steering Knuckles Build (cont.)

B 2
STEP 2



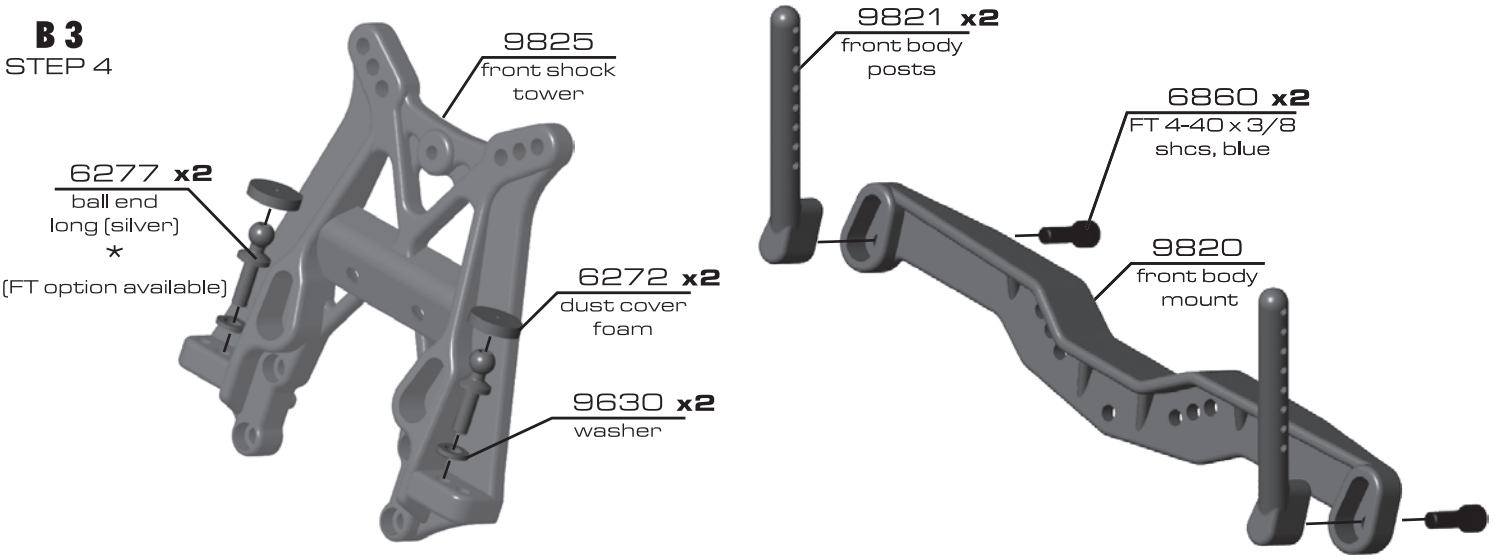
:: Front Arms

B 2
STEP 3



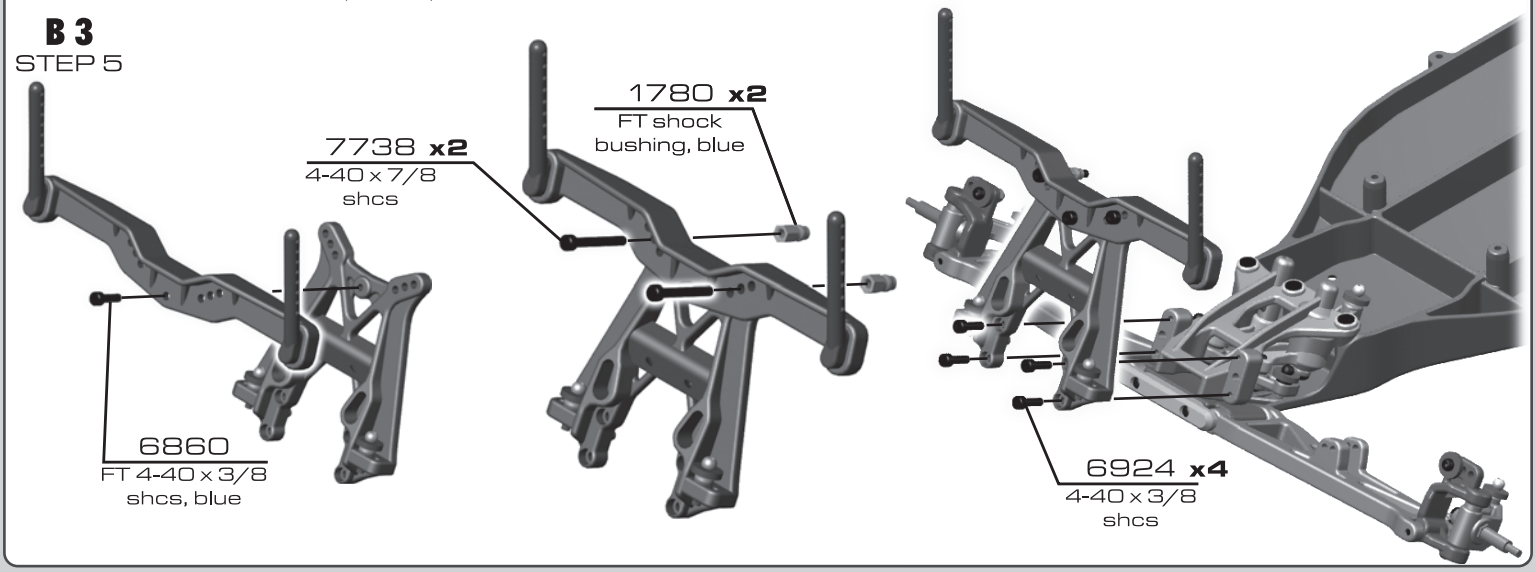
:: Front Shock Tower

B 3
STEP 4



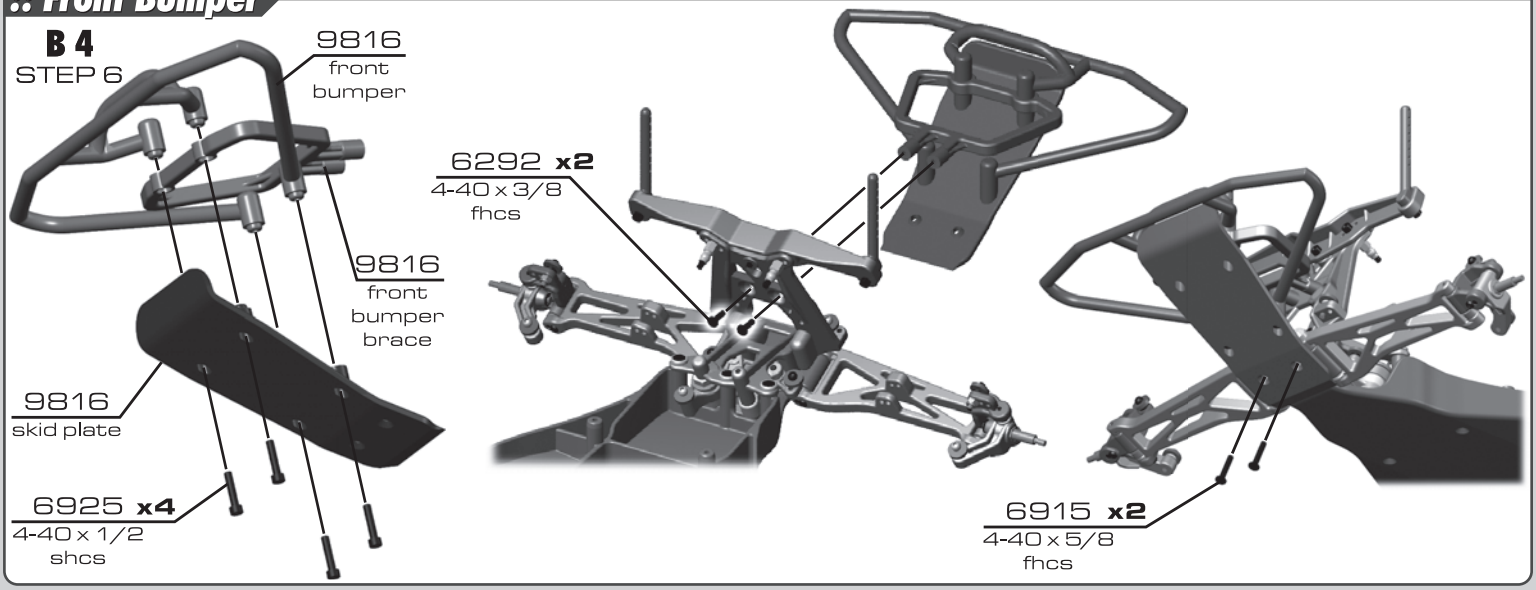
:: Front Shock Tower (cont.)

B 3
STEP 5



:: Front Bumper

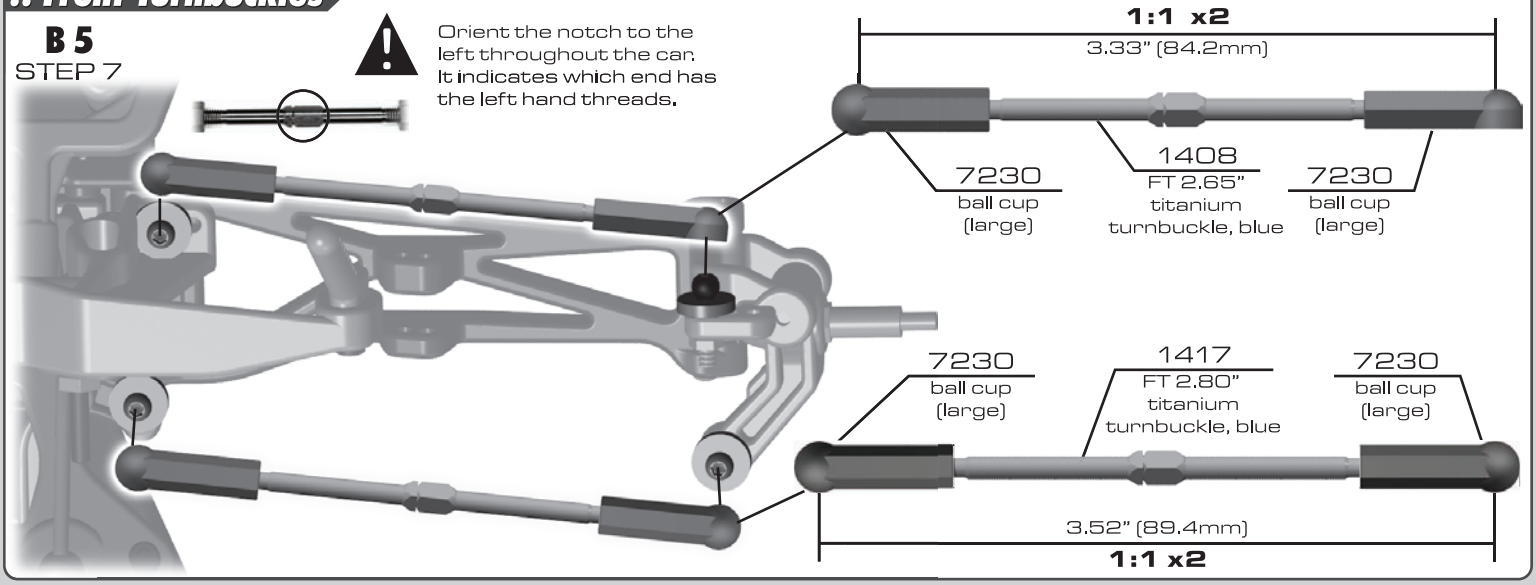
B 4
STEP 6



:: Front Turnbuckles

B 5
STEP 7

Orient the notch to the left throughout the car. It indicates which end has the left hand threads.

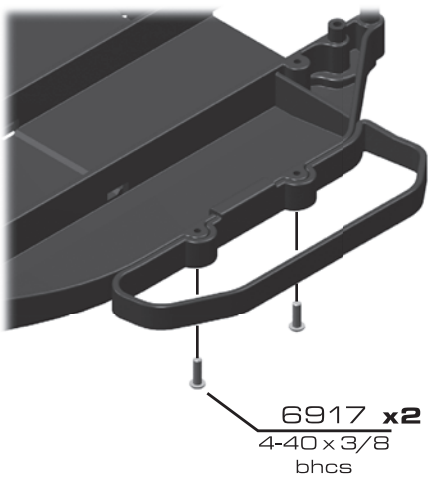


:: Side Nerf Bars

B 6
STEP 8





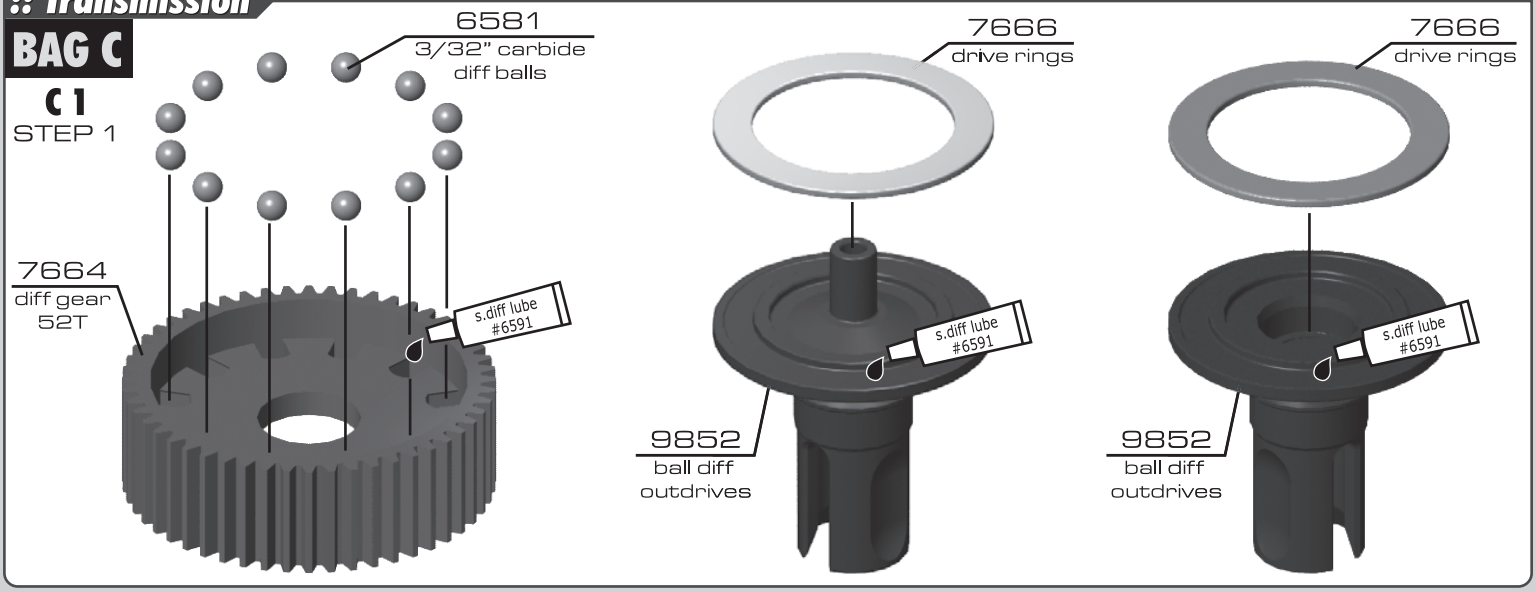


Twist and flex side nerf guards into place

:: Transmission

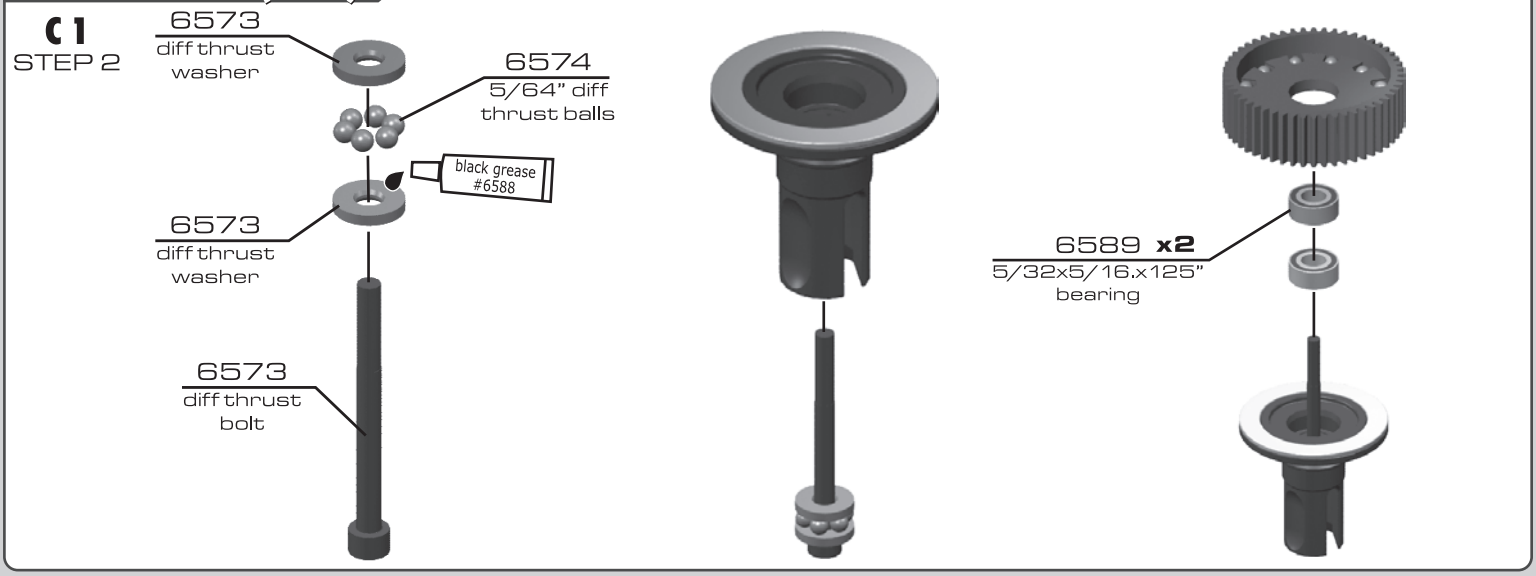
BAG C

C1
STEP 1



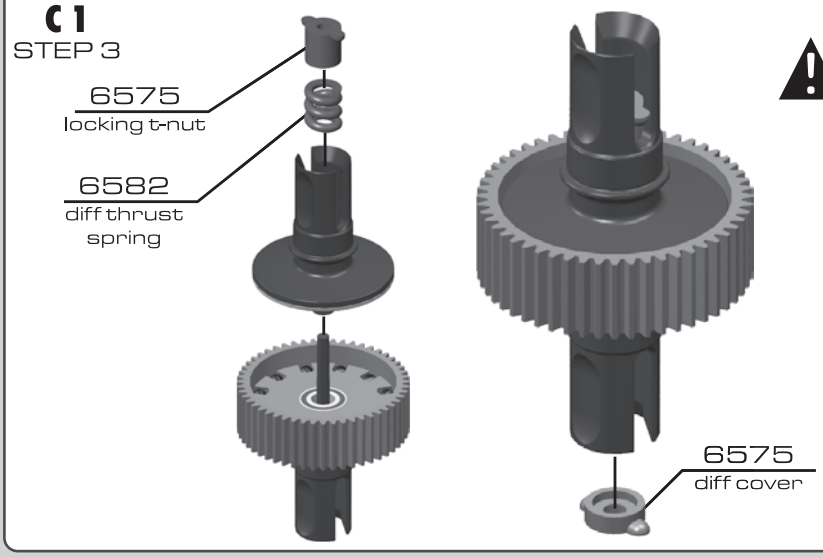
:: Transmission (cont.)

C1
STEP 2



:: Transmission (cont.)

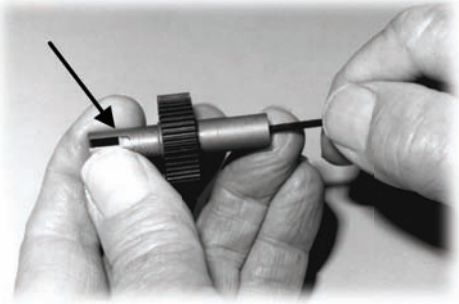
C1
STEP 3



As you tighten the diff bolt, you will notice the T-nut ears moving closer to the bottom of the outdrive slot. This compresses the spring behind the T-nut. The spring should be completely compressed at the same time the T-nut reaches the end of the slot.

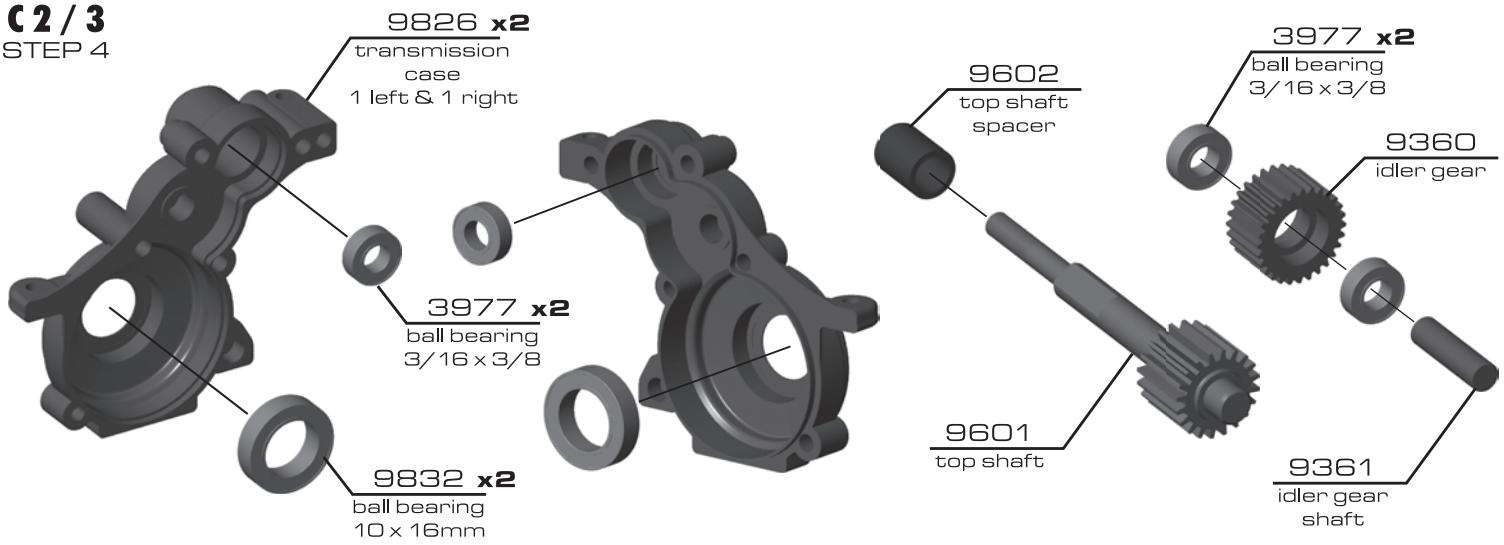
Caution! Pay close attention to the feeling when the spring is completely compressed. Do not overtighten the bolt. When you feel the spring completely compressed, loosen the diff bolt 1/8" of a turn. Your diff should now operate smoothly with resistance as the outdrives move in opposite directions.

After you have driven the car once, re-check the diff setting.



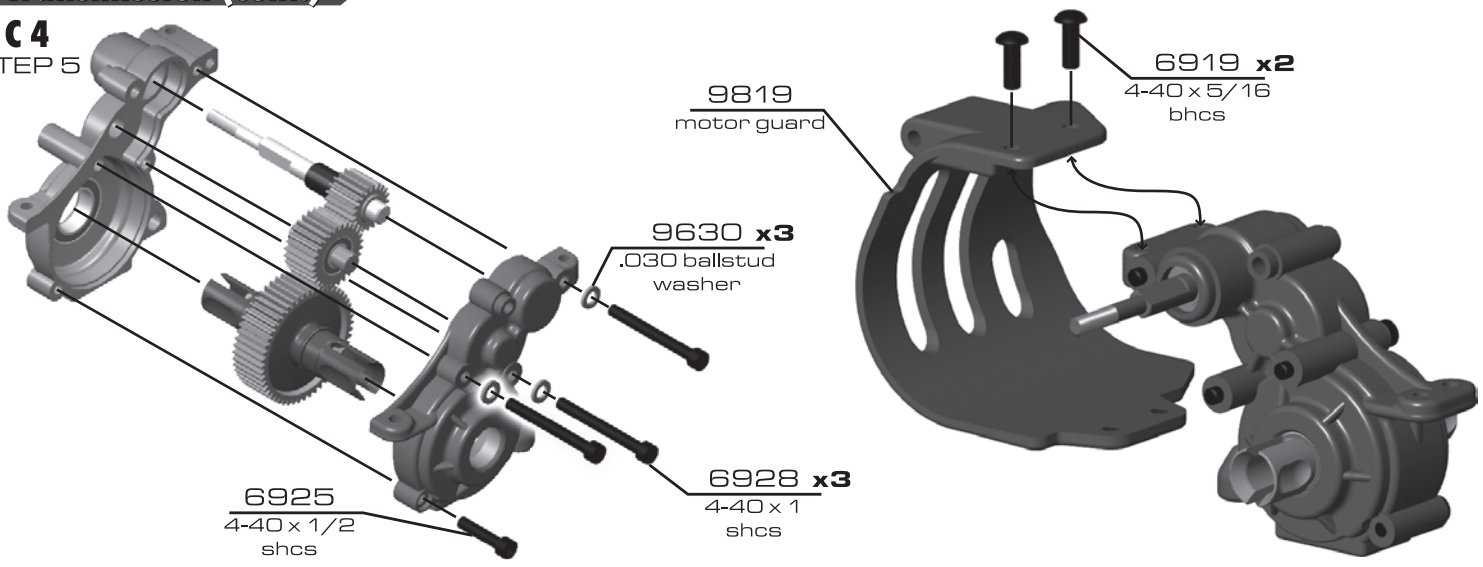
:: Transmission (cont.)

C 2 / 3
STEP 4



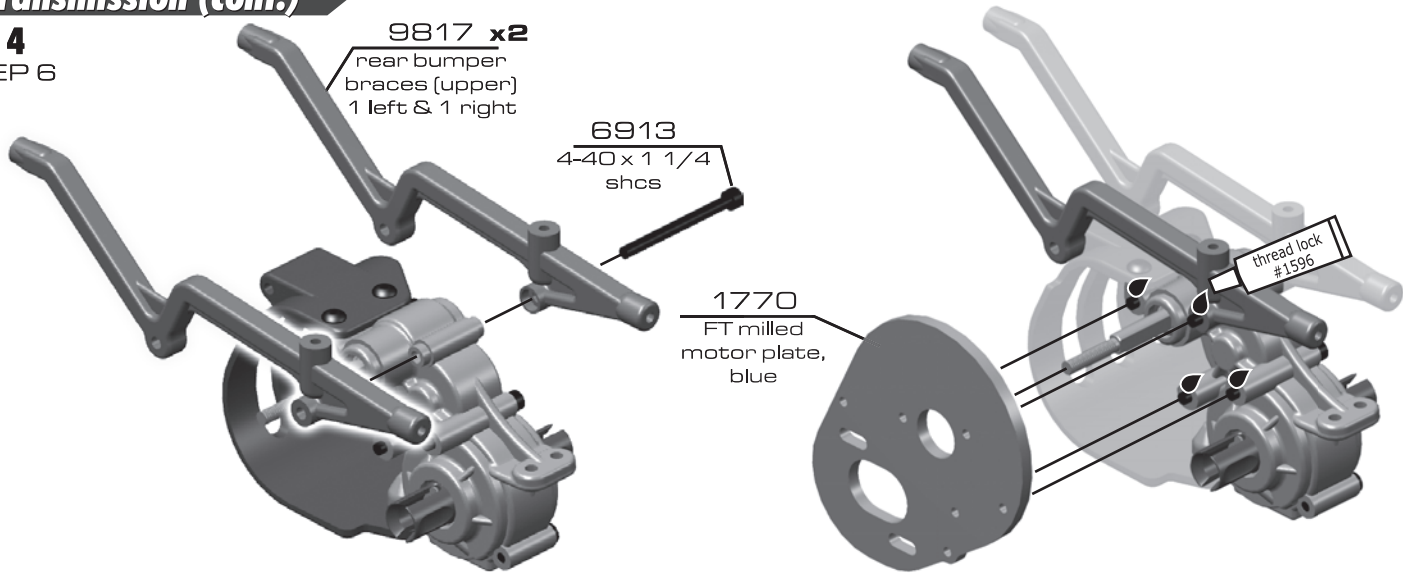
:: Transmission (cont.)

C 4
STEP 5



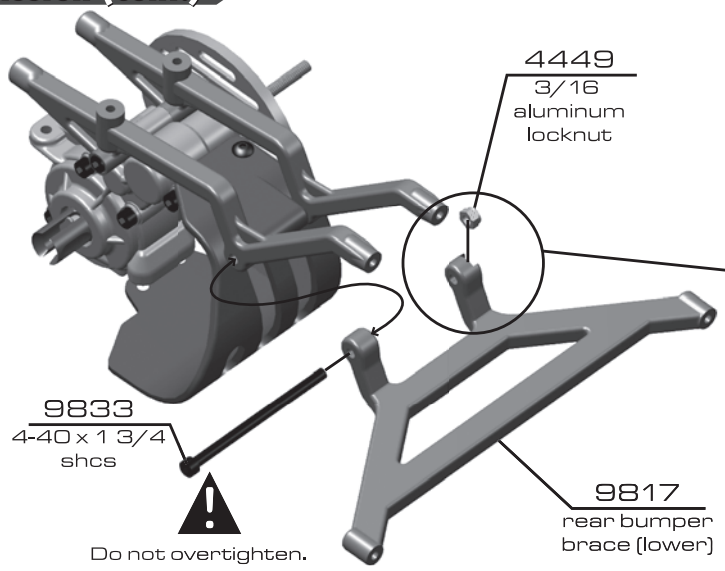
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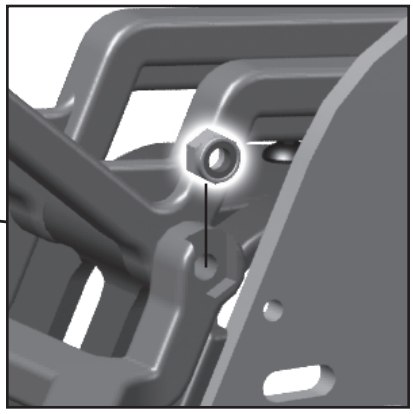
C 4
STEP 6



:: Transmission (cont.)

C 4
STEP 7

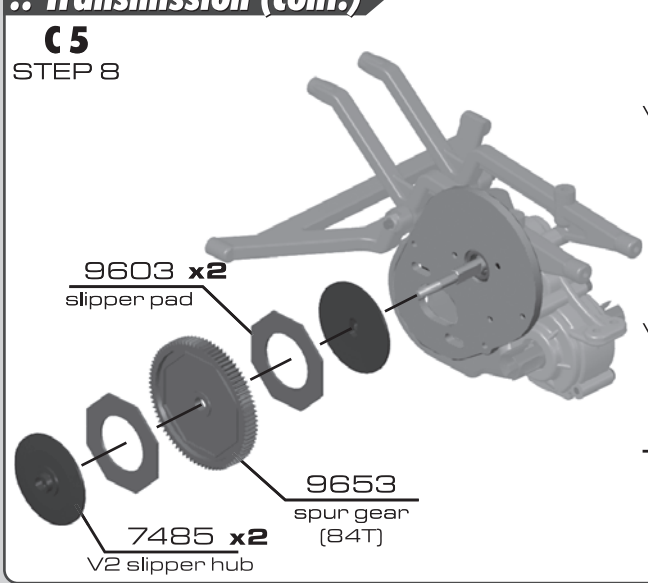


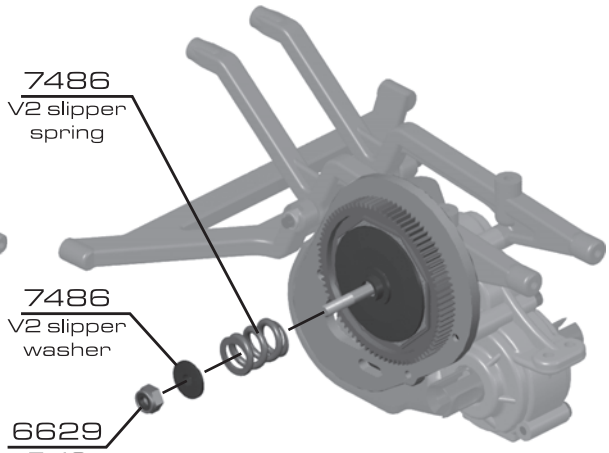


Install locknut into groove of the rear bumper brace (lower). Then screw in the 4-40 x 1 3/4" SHCS until snug.

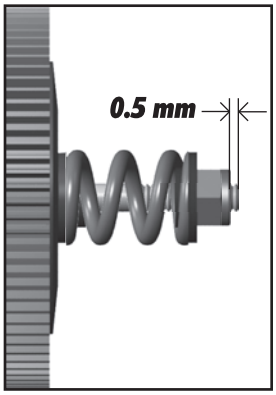
:: Transmission (cont.)

C 5
STEP 8





Turn the nut on the shaft so that the end of the top shaft is even with the outside of the nut. Tichten the nut until the shaft extends thru the nut by 0.5mm. Recheck after initial run.

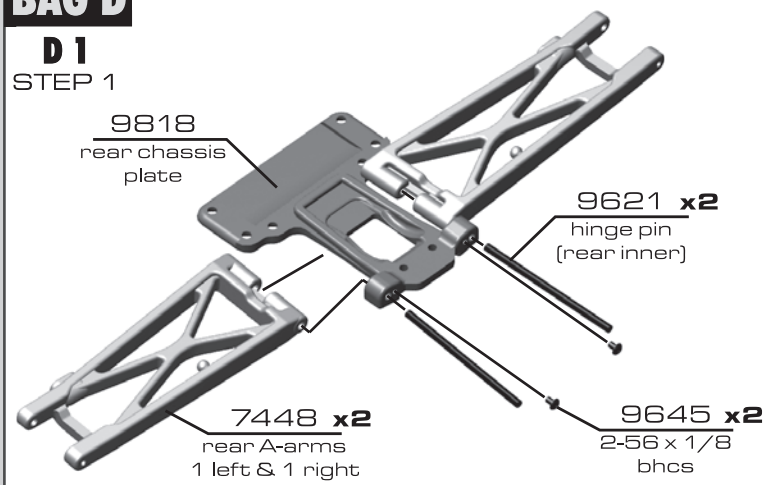


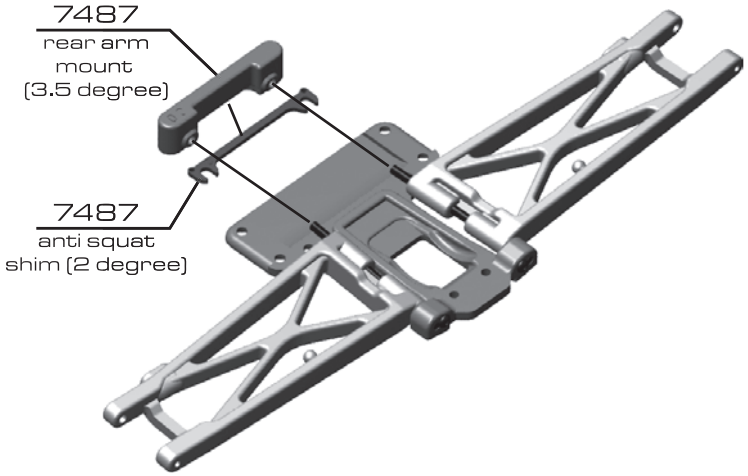
See page 29 for gear mesh, and slipper clutch settinginstructions

:: Rear Arms

BAG D

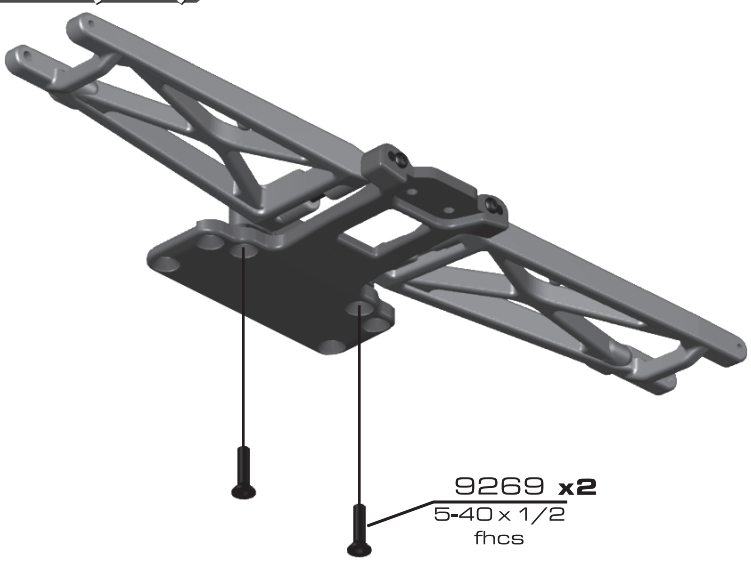
D 1
STEP 1

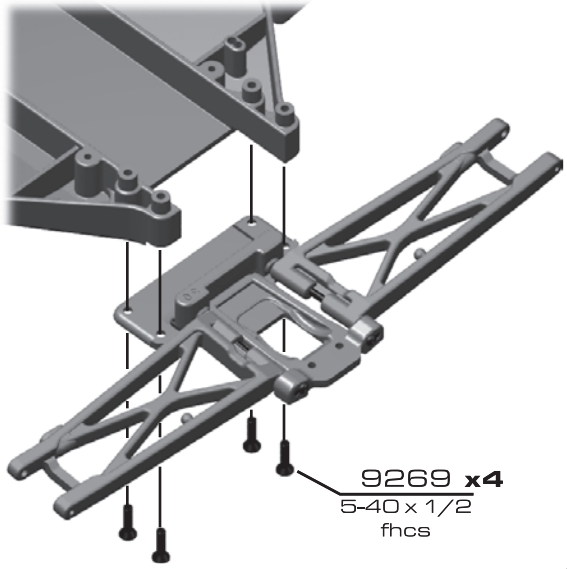




:: Rear Arms (cont.)

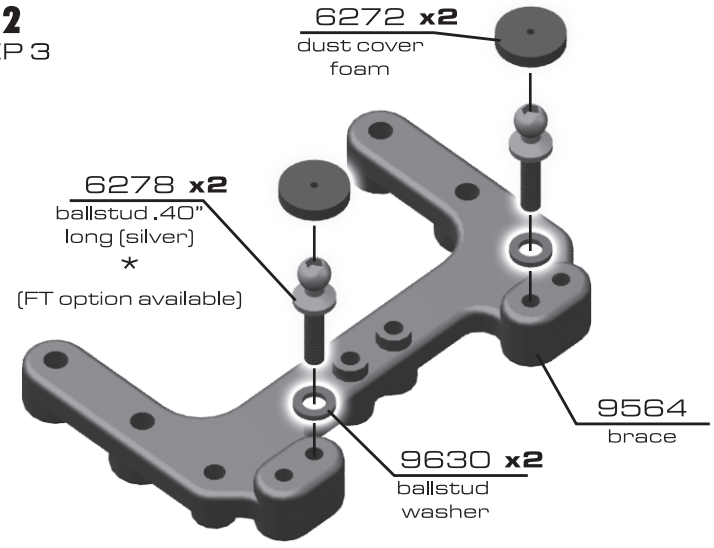
D 1
STEP 2

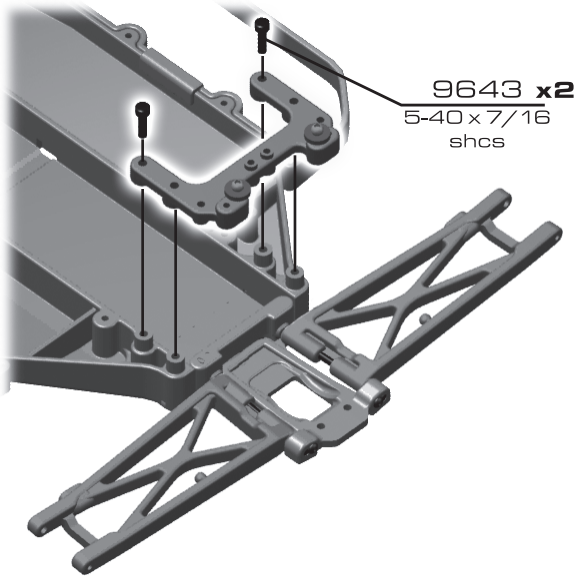




:: Rear Brace

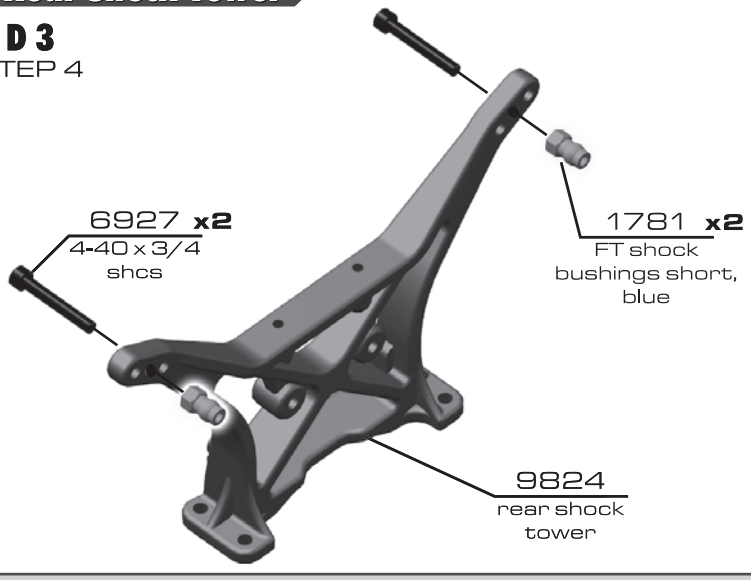
D 2
STEP 3

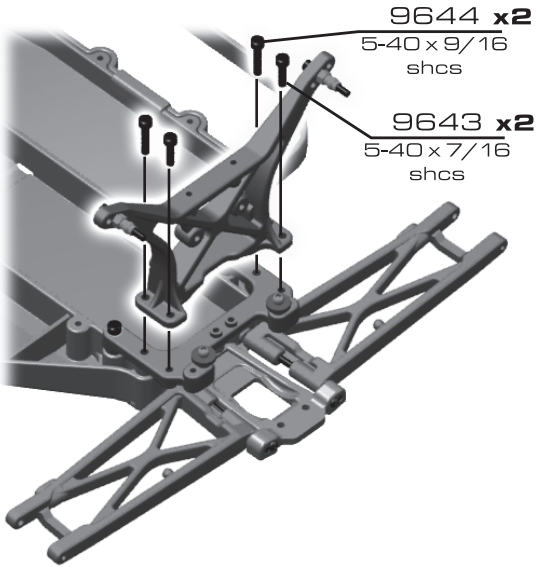




:: Rear Shock Tower

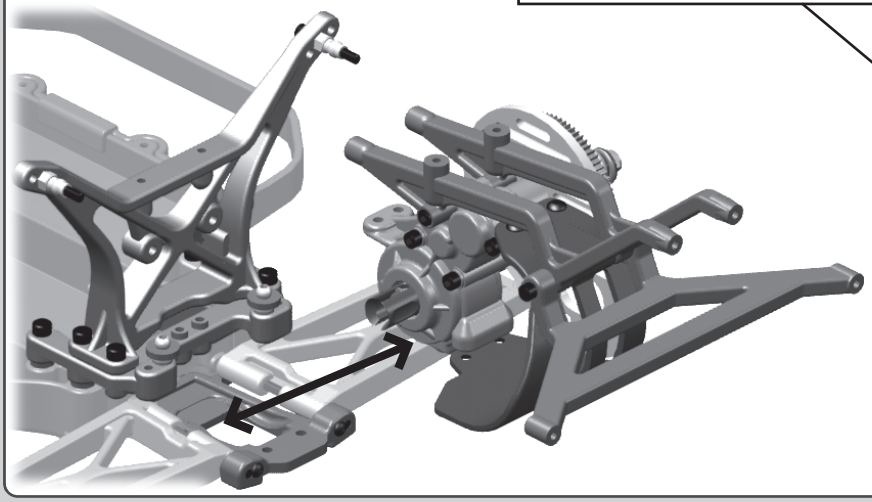
D 3
STEP 4



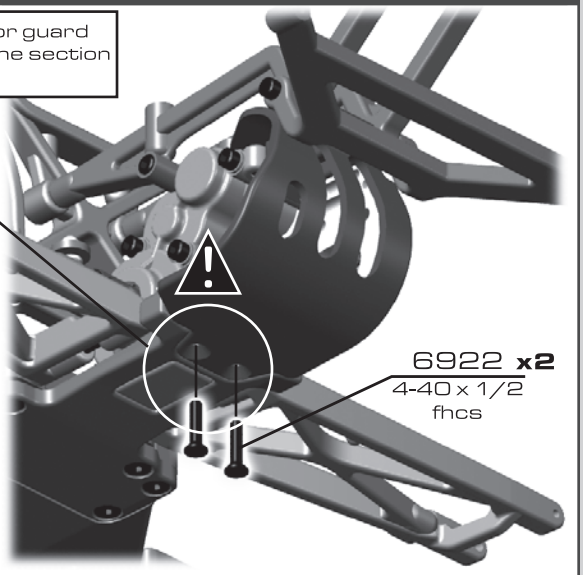


:: Transmission Install

D 4
STEP 5

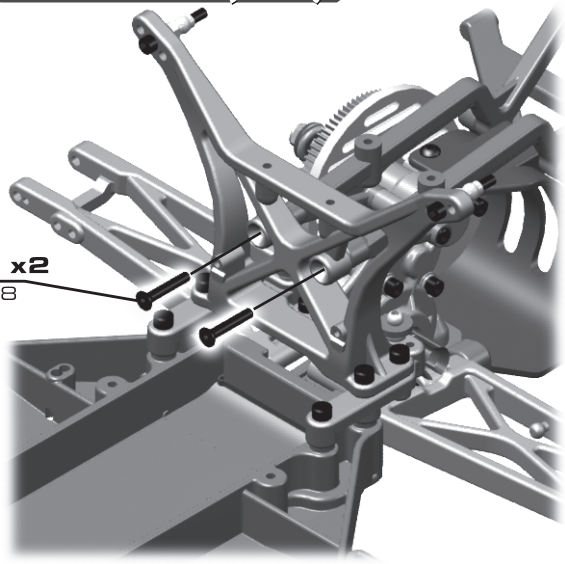


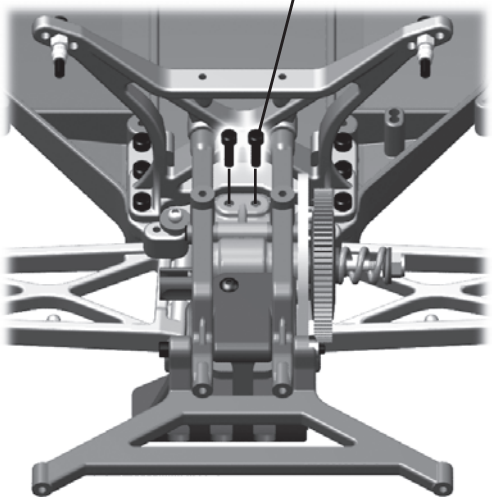
Make sure the bottom tab on the motor guard is pulled below the rear chassis plate (the section with the two countersunk holes).



:: Transmission Install (cont.)

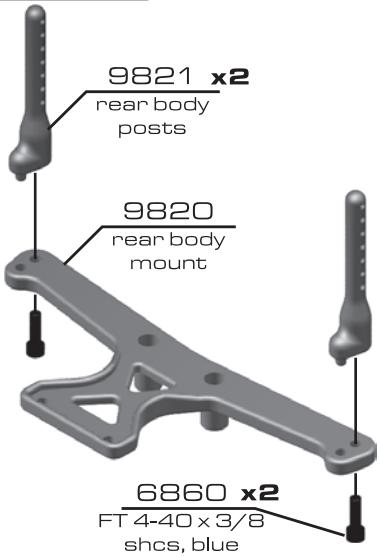
D 4
STEP 6

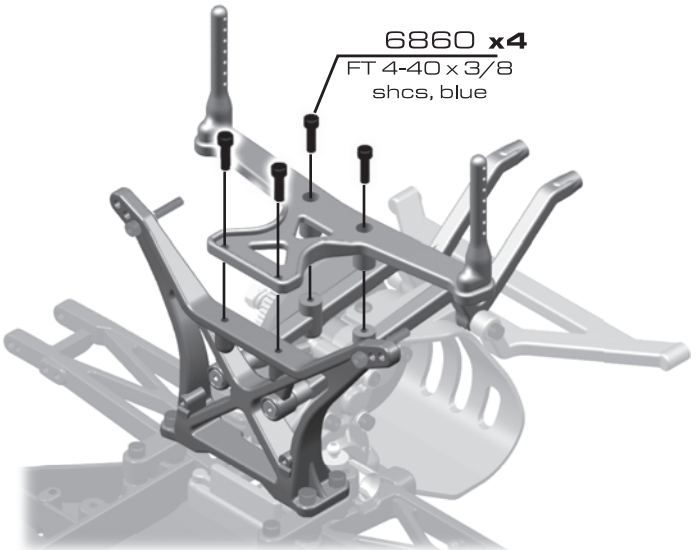




:: Rear Upper Plate

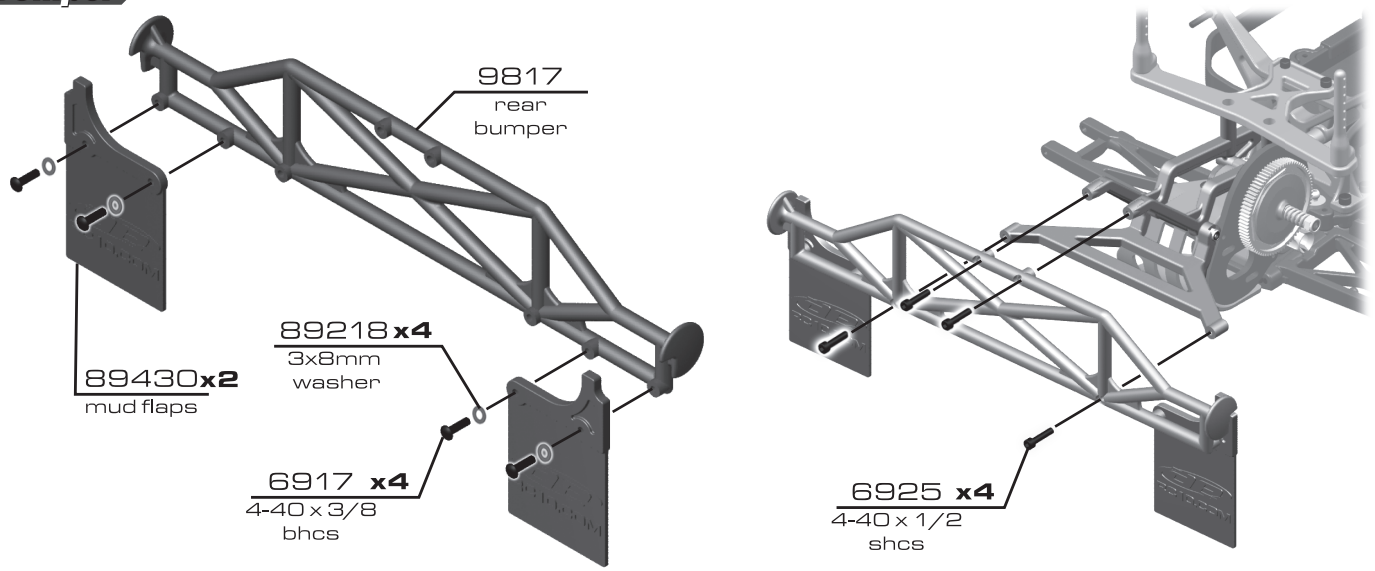
D 5
STEP 7





:: Rear Bumper

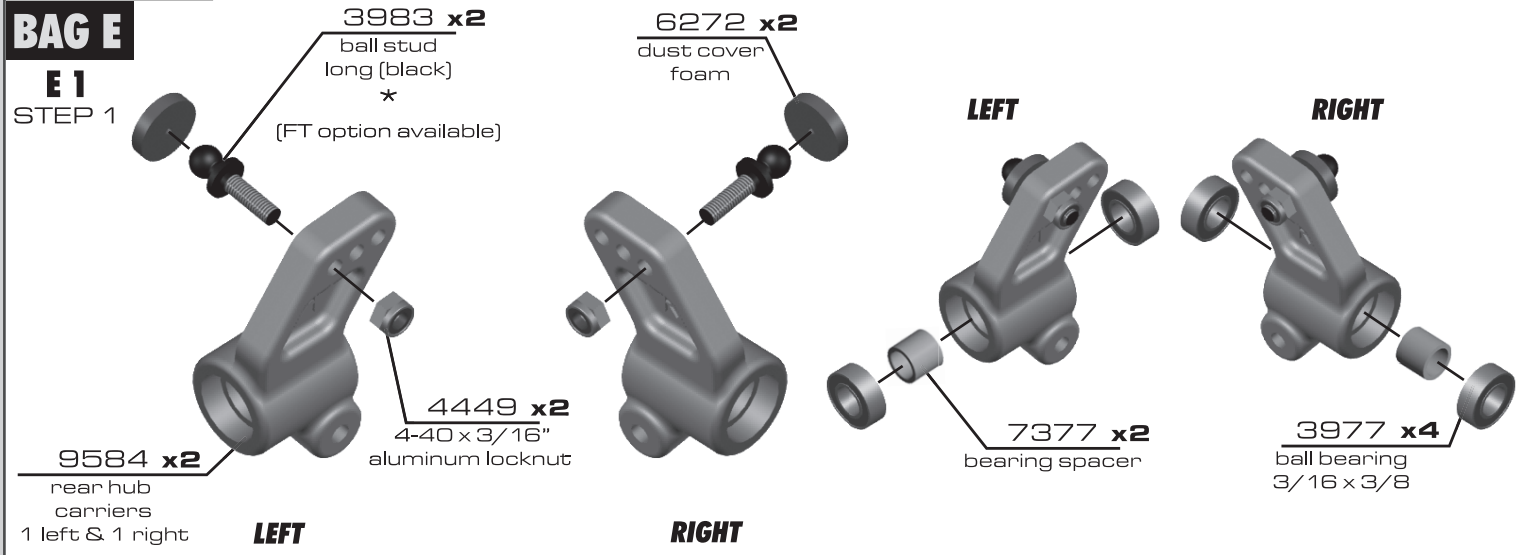
D 5
STEP 8



:: Rear Hubs

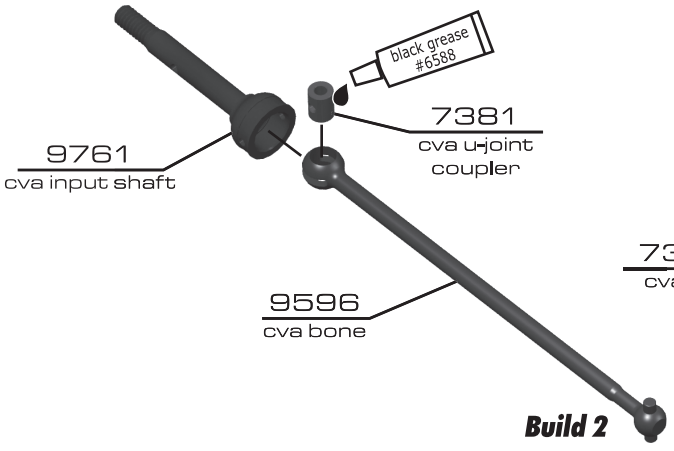
BAG E

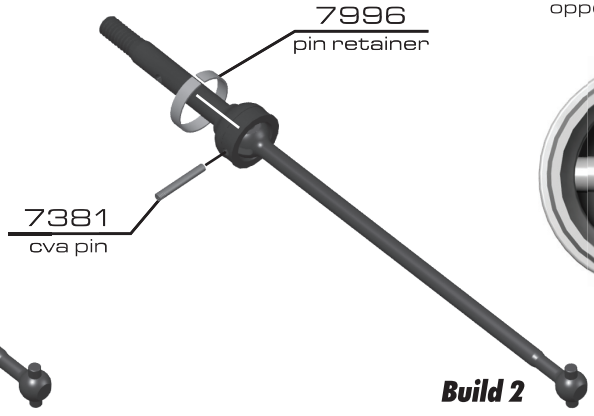
E 1
STEP 1



:: Rear Hubs (cont.)

E 2
STEP 2



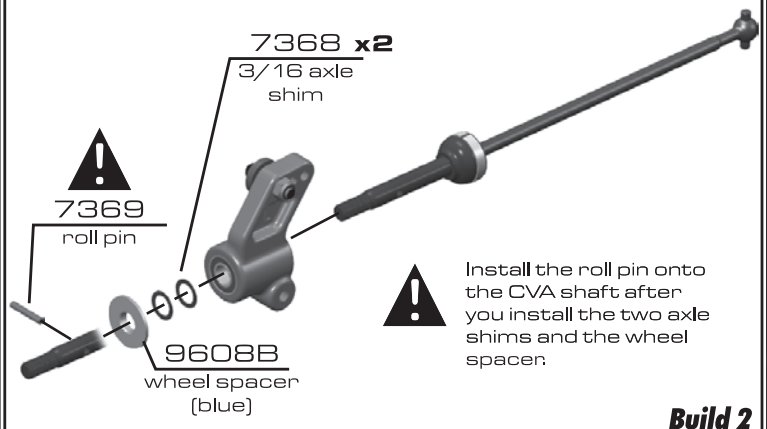


Note: Align the gap in the pin retainer to be opposite of the CVA pin.



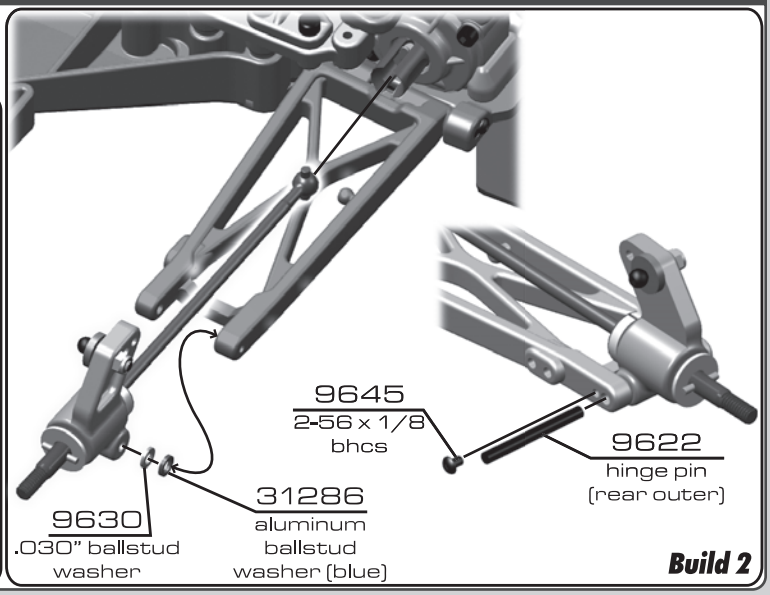
:: Rear Hubs (cont.)

E 2 / 3
STEP 3



Install the roll pin onto the CVA shaft after you install the two axle shims and the wheel spacer.

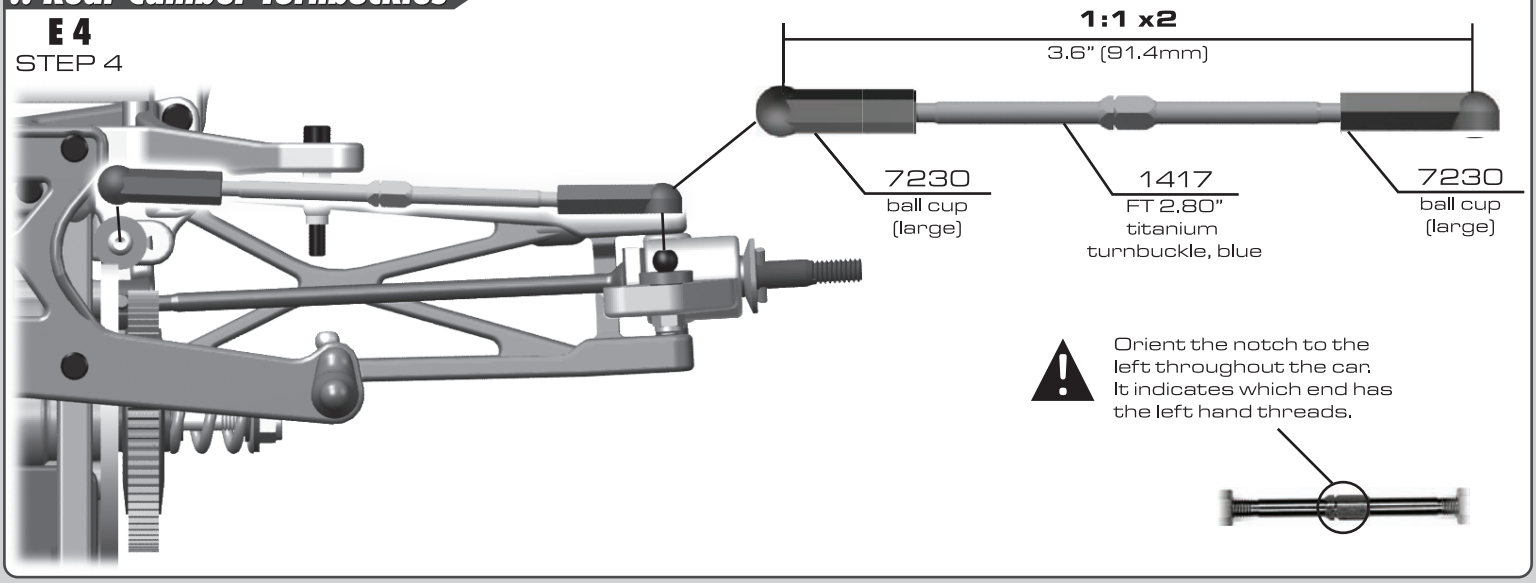
Build 2



Build 2

:: Rear Camber Turnbuckles

E 4
STEP 4

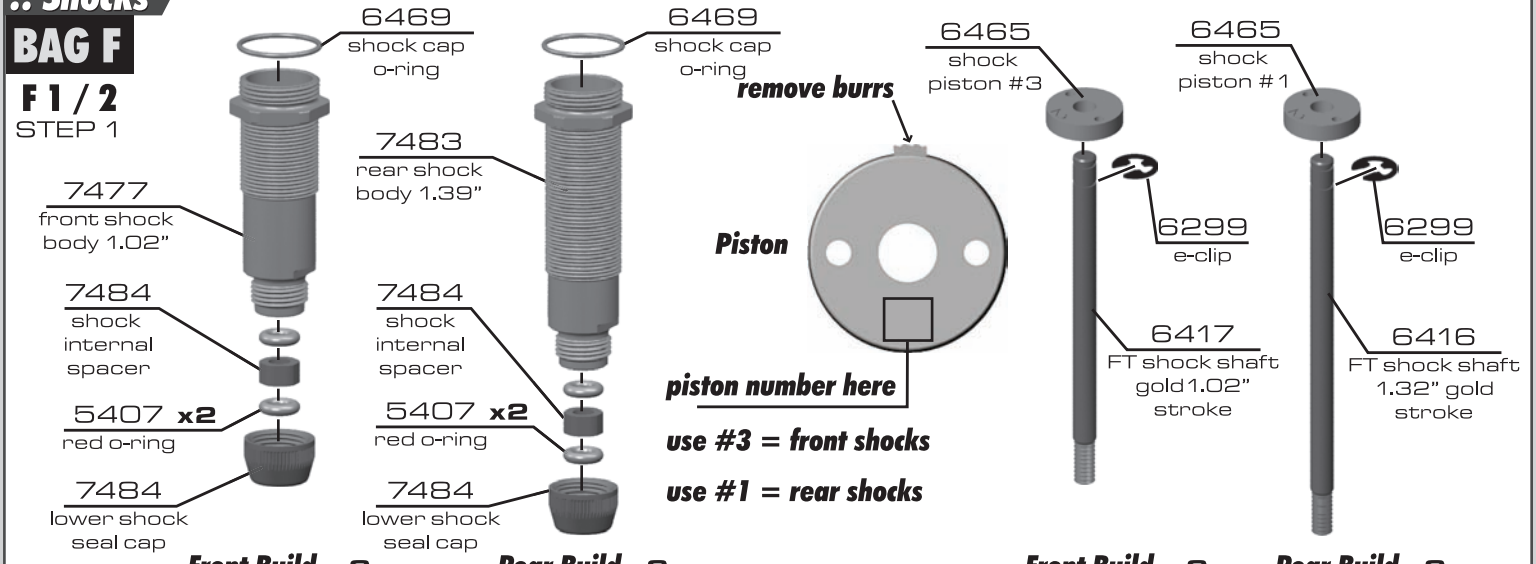


Orient the notch to the left throughout the car. It indicates which end has the left hand threads.

:: Shocks

BAG F

F 1 / 2
STEP 1



Front Build x2 **Rear Build x2** **Front Build x2** **Rear Build x2**

:: Shocks (cont.)

F 2 / 3

STEP 2

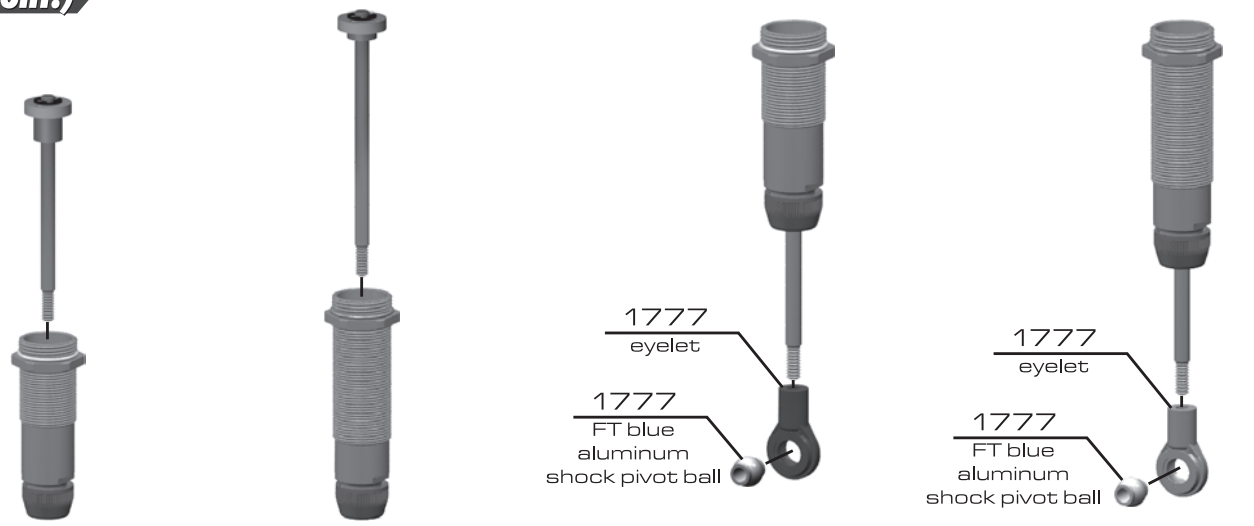


Front Build x2 **Rear Build x2**

:: Shocks (cont.)

F 4

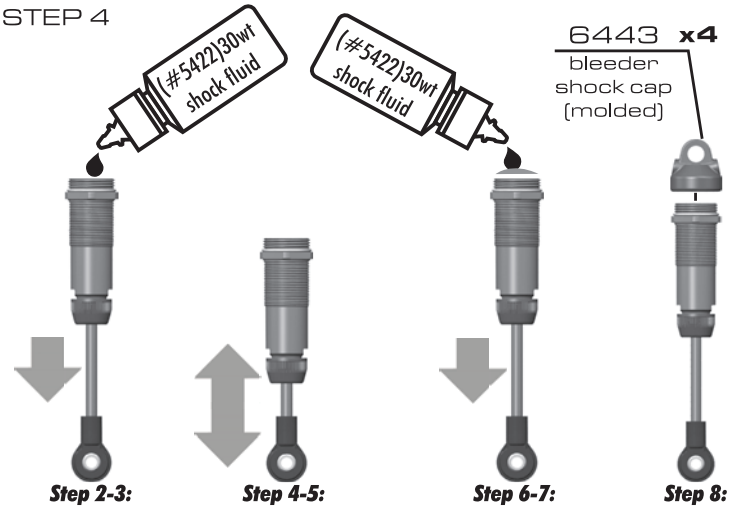
STEP 3



Front Build x2 **Rear Build x2** **Front Build x2** **Rear Build x2**

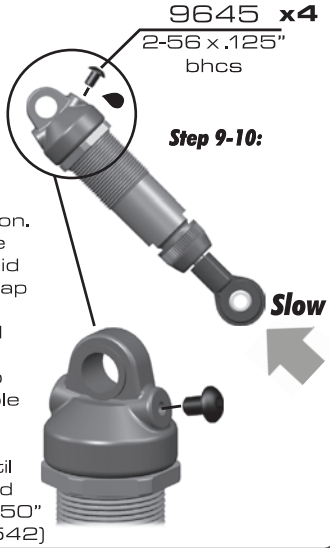
:: Shocks (cont.)

STEP 4



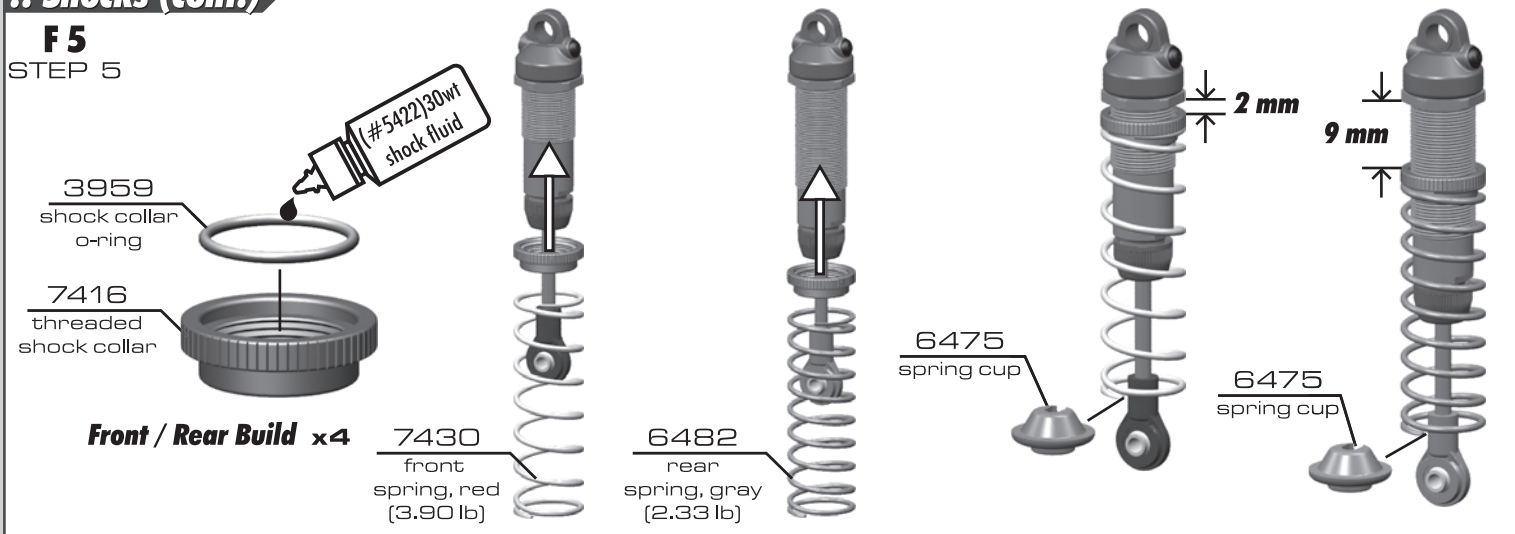
* Shock Bleeding Steps:

1. Before assembly, get each bleed screw and thread it 1-2 turns into the shock cap. This will make installation easier when you are bleeding your shocks.
2. Pull shock shaft down.
3. Fill shock body 3/4 full with silicone fluid.
4. Slowly move the shock shaft up and down to remove air from under piston.
5. Wait for bubbles to come to surface
6. Fill shock body to top with silicone fluid
7. Place a drop of oil in the cap and on cap threads
8. Install cap (without bleed screw) and tighten completely
9. Slowly compress shaft all the way to bleed excess silicone fluid out the hole in the cap (use rag around shock to catch excess fluid)
10. Install 2-56 button head screw until snug while shaft is fully compressed (recommend using a high quality .050" wrench such as Factory Team # 1542)



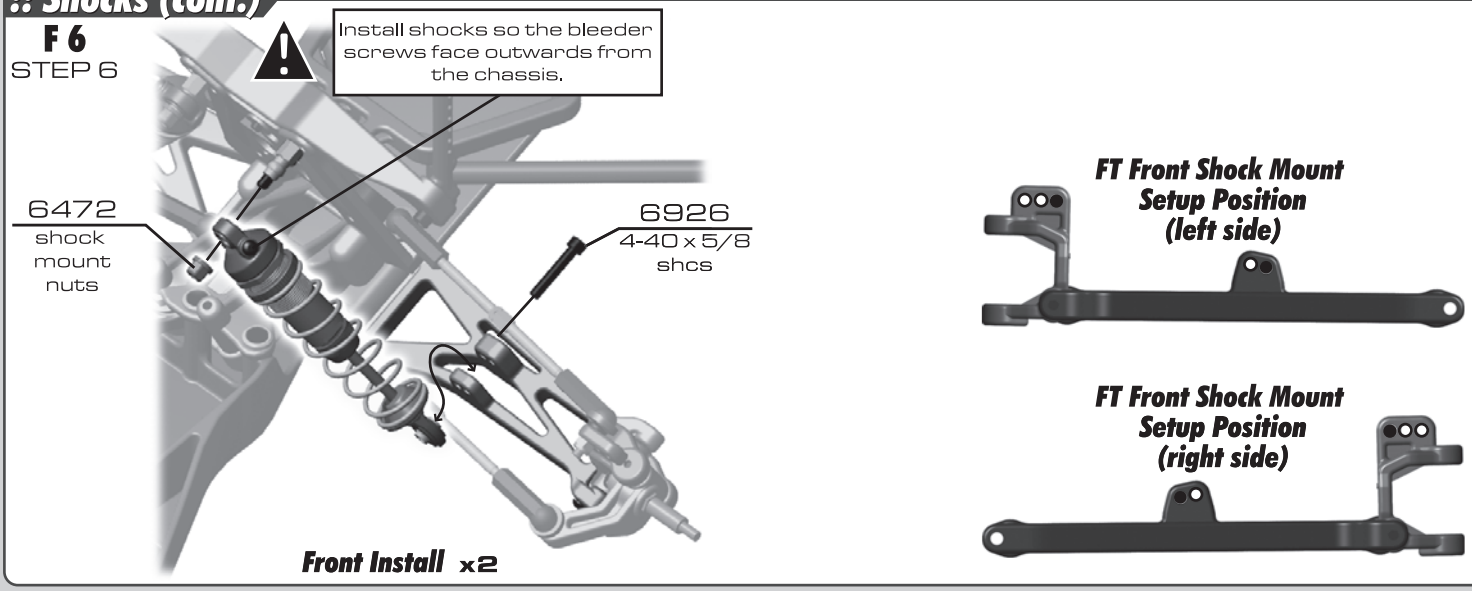
:: Shocks (cont.)

F 5
STEP 5



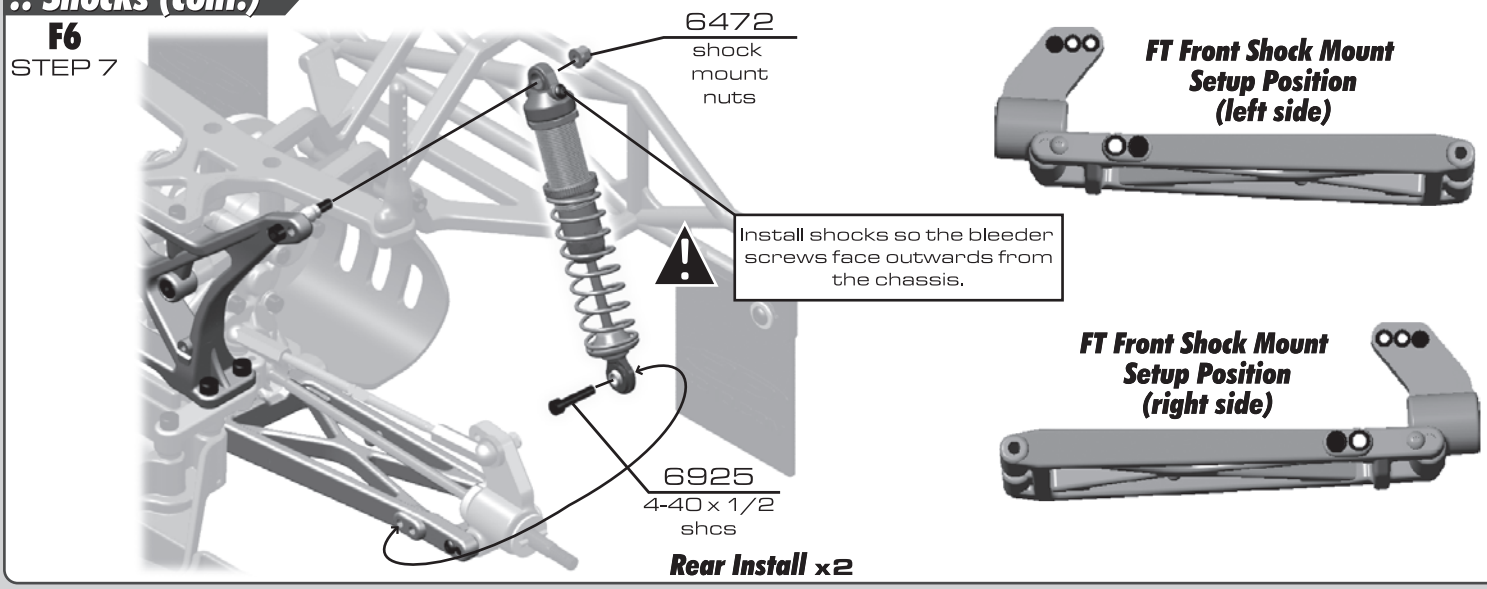
:: Shocks (cont.)

F 6
STEP 6



:: Shocks (cont.)

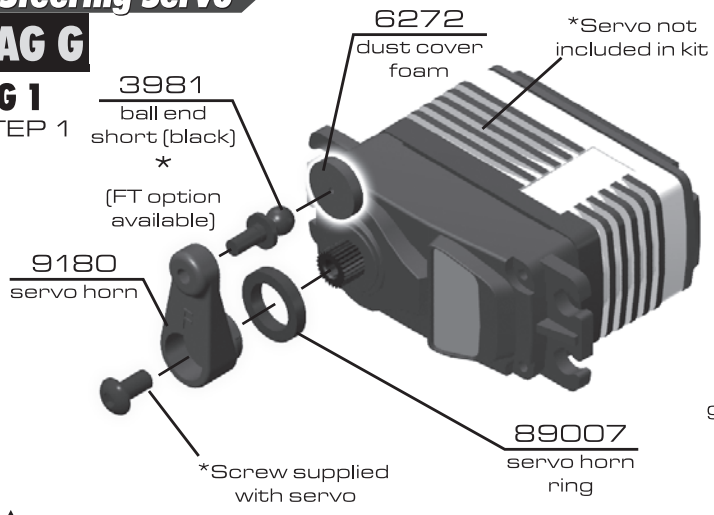
F6
STEP 7

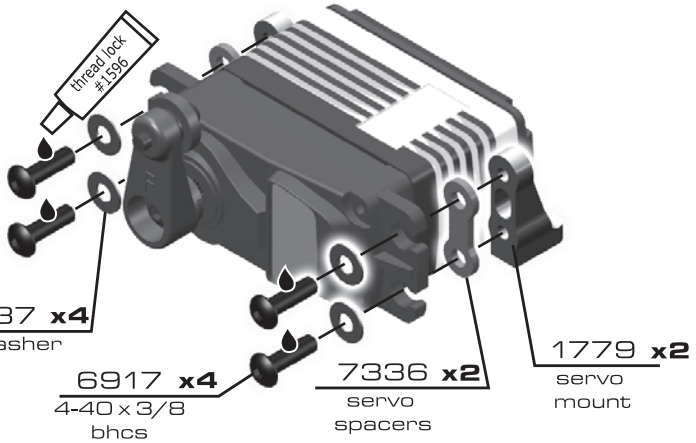


:: Steering Servo

BAG G

G 1
STEP 1



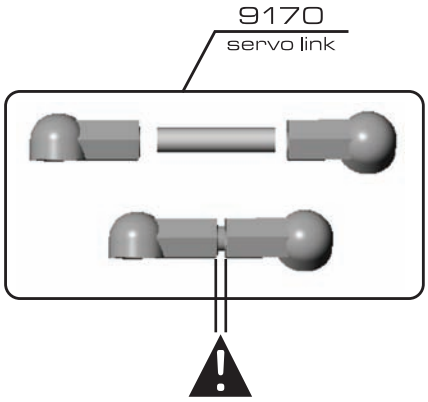


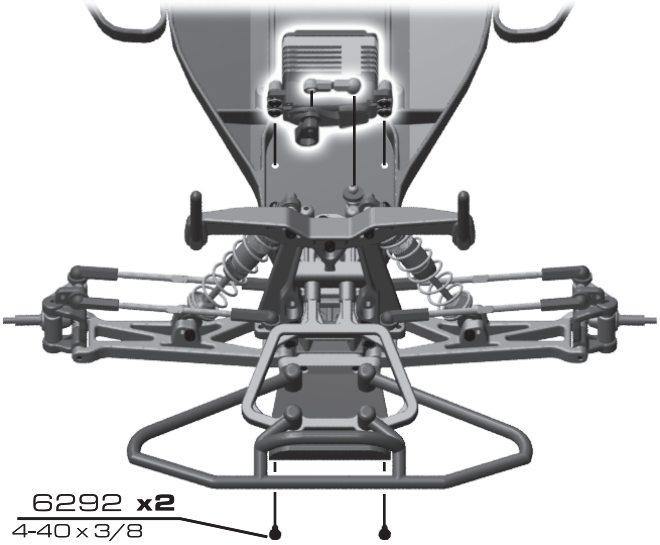
See page 32 for correct servo horn on the servo chart

See page 32 for correct servo spacing on the servo chart

:: Steering Servo (cont.)

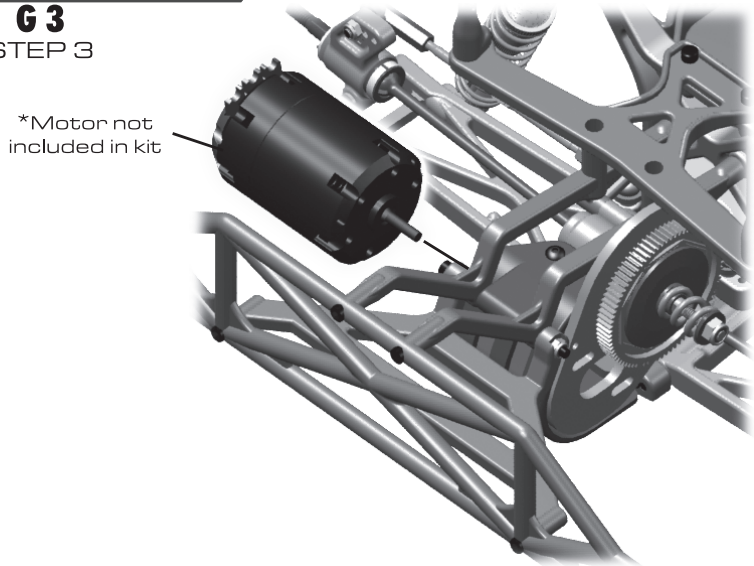
G 2
STEP 2

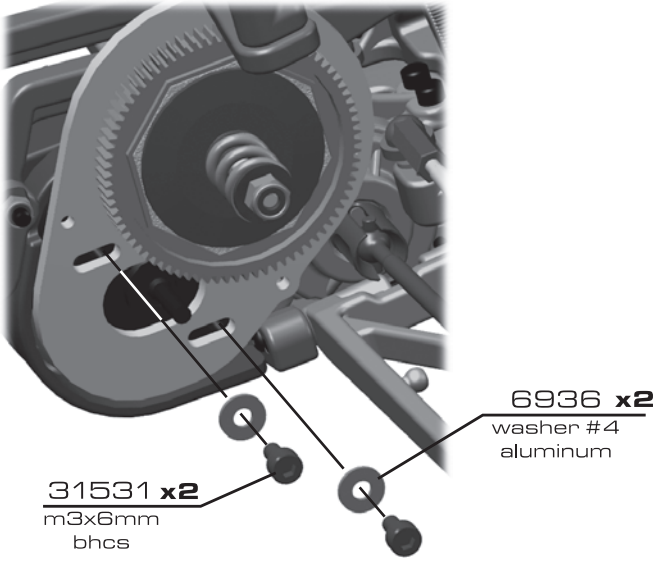




:: Motor Install

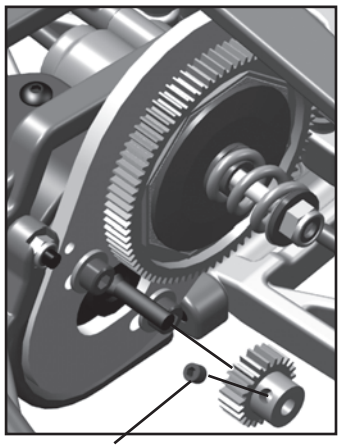
G 3
STEP 3



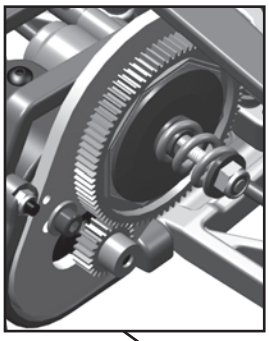


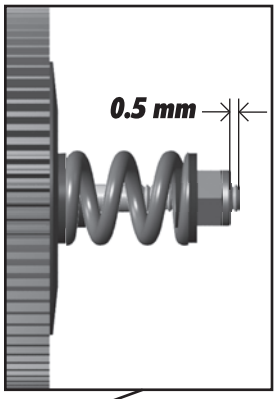
:: Electronics / Battery Strap

G 3
STEP 4

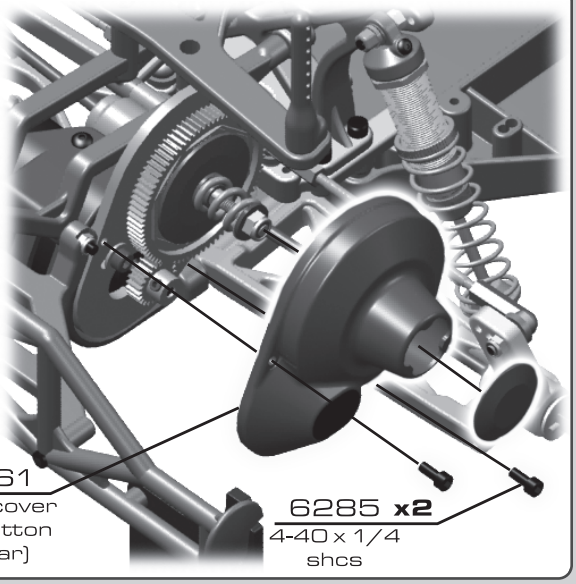


*Pinion and setscrew not included in kit





*See page 29 for gear mesh, and slipper clutch settinginstructions



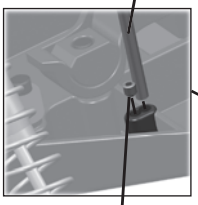
7461
gear cover w/ button (clear)

6285 **x2**
4-40 x 1/4 shcs

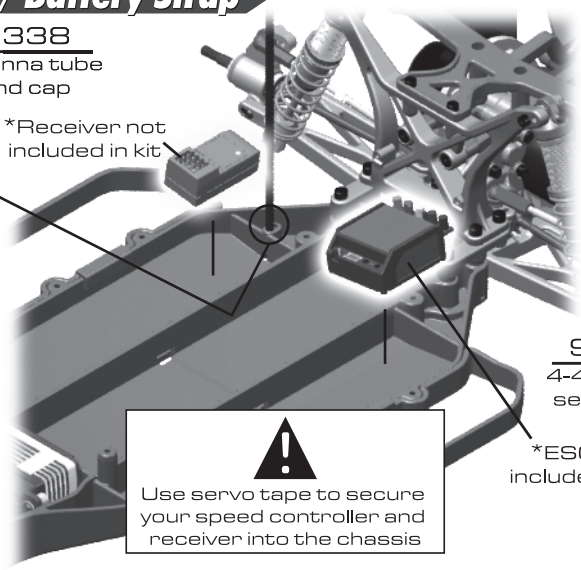
:: Electronics / Battery Strap

G 4
STEP 5

6338
antenna tube and cap



3862
5-40 x 1/8 set screw



*Receiver not included in kit

*ESC not included in kit

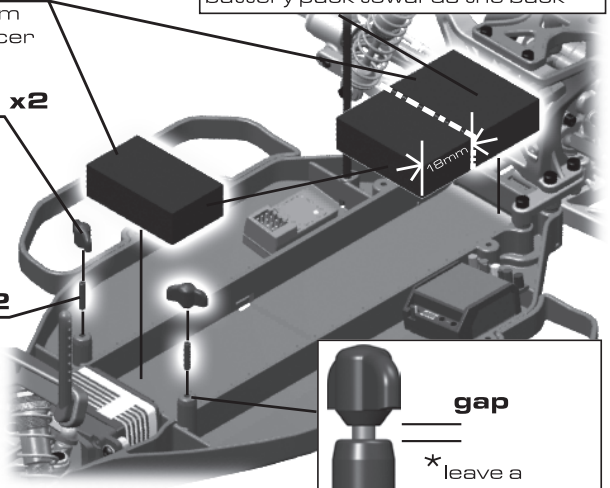
Use servo tape to secure your speed controller and receiver into the chassis

9815
foam spacer

trim battery foam 18mm to move battery pack towards the back

9814 **x2**
thumb knob

9814 **x2**
4-40 x 1/2 set screw



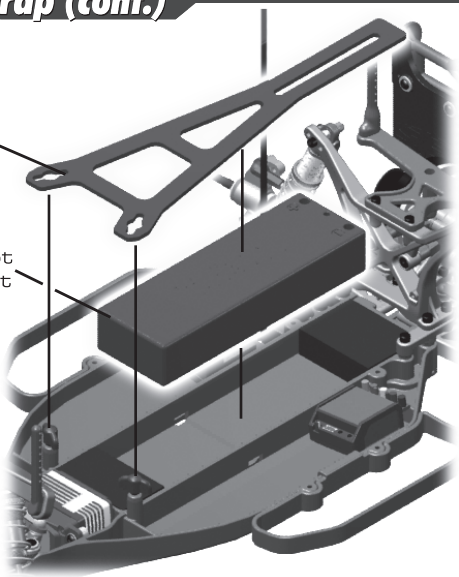
*leave a 2.5mm gap

:: Battery Strap (cont.)

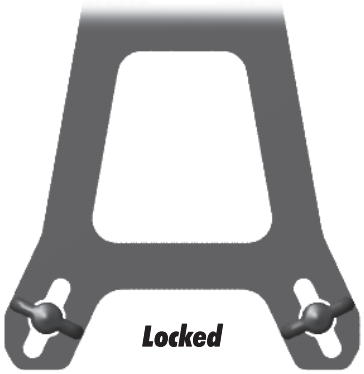
Box
STEP 6

9851
carbon fiber battery strap

*battery not included in kit





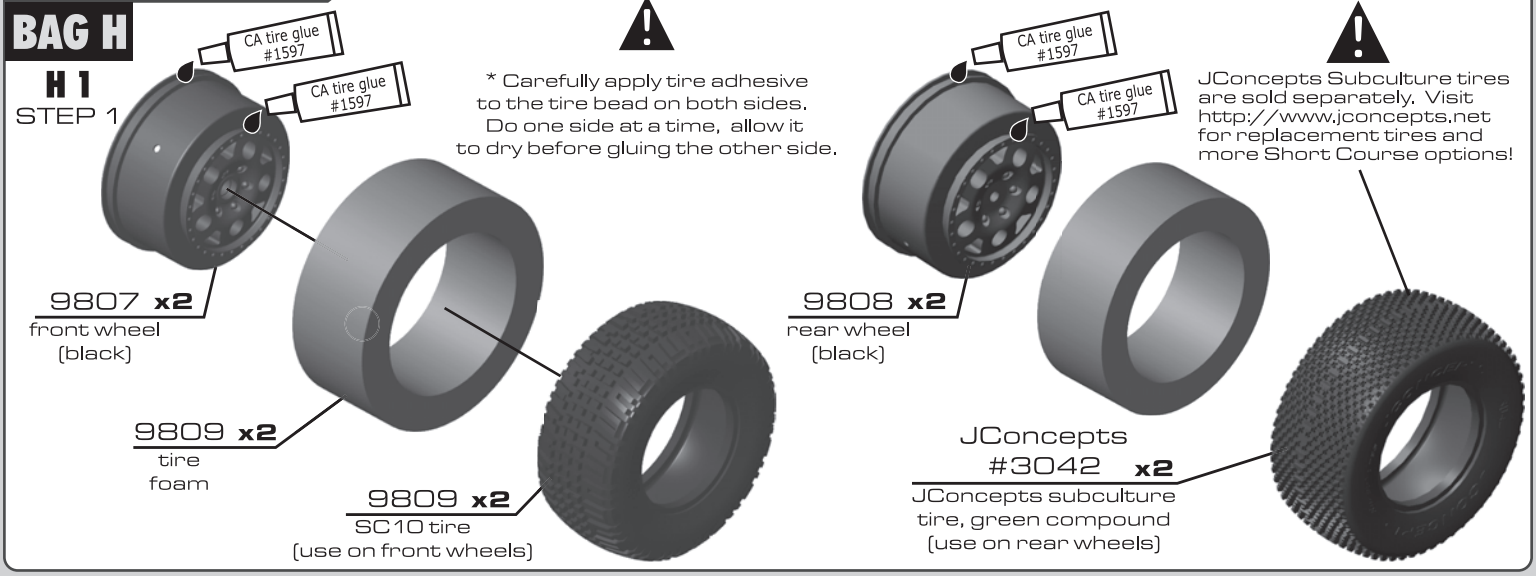


* Move thumb screws to the unlocked position and remove the battery strap to remove your battery pack. Lock the thumb screws after you install your battry pack.

:: Wheels and Tires

BAG H

H 1
STEP 1

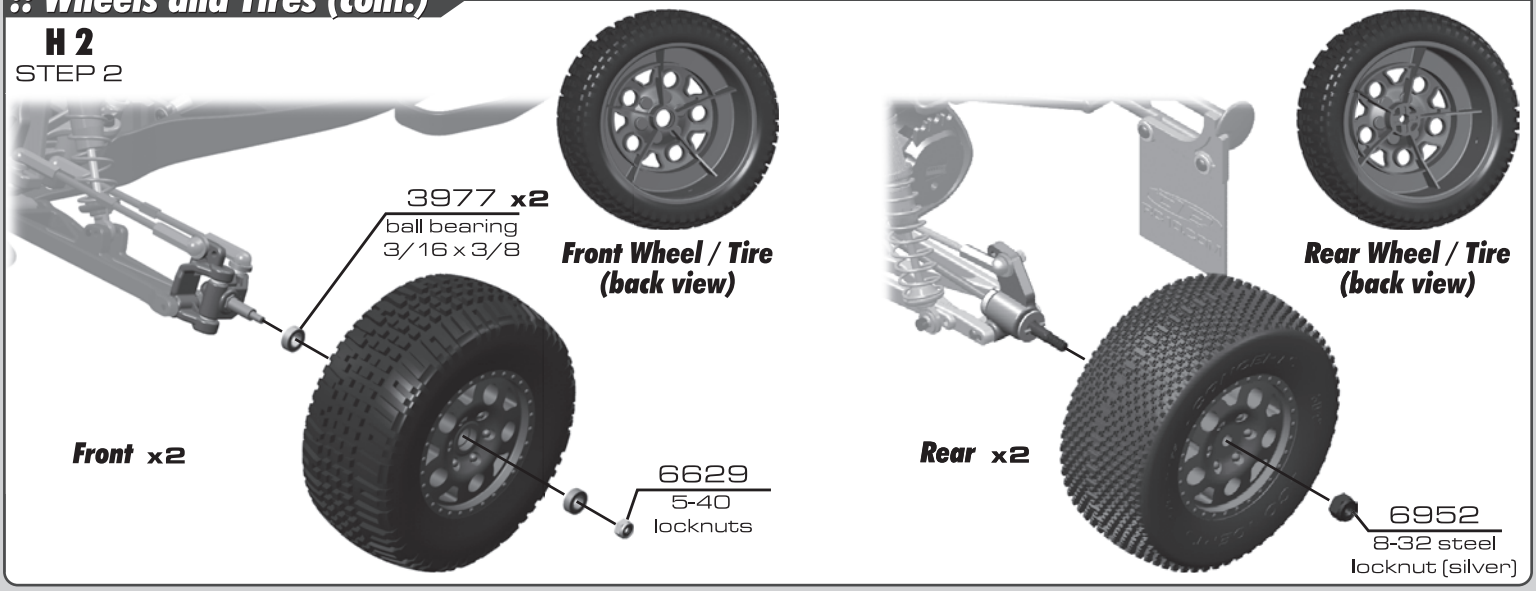


* Carefully apply tire adhesive to the tire bead on both sides. Do one side at a time, allow it to dry before gluing the other side.

JConcepts Subculture tires are sold separately. Visit http://www.jconcepts.net for replacement tires and more Short Course options!

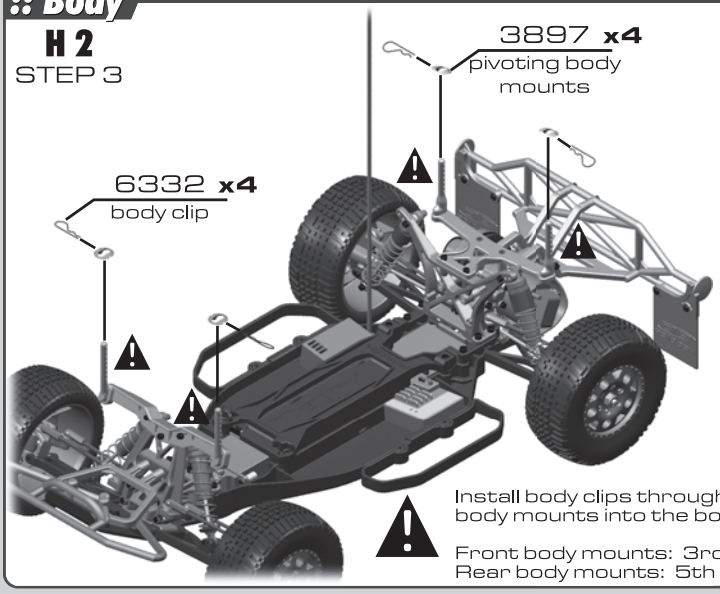
:: Wheels and Tires (cont.)

H 2
STEP 2



:: Body

H 2
STEP 3



Install body clips through the pivot body mounts into the body posts.

Front body mounts: 3rd hole from bottom
Rear body mounts: 5th hole from bottom

:: Painting Tips

Body :

Your SC10 FT comes with 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. 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 cars get painted from the inside). Using high quality masking tape, apply tape to the inside of the body to create a design. Spray (either rattle can or airbrush) the paint to the inside of the body (prefferably dark colors first, lighter colors last). **NOTE: use ONLY paint that is recommended for use with (polycarbonate) plastics. If you don't, you can destroy the plastic body!!!!).**

After painting, cut the body along the trim lines. Make sure to drill or use a body reamer to make the holes for the body mounts, antenna, and number plates.

:: Body (cont.)

H 2
STEP 4



9837
SC10 '09
clear body
number plate

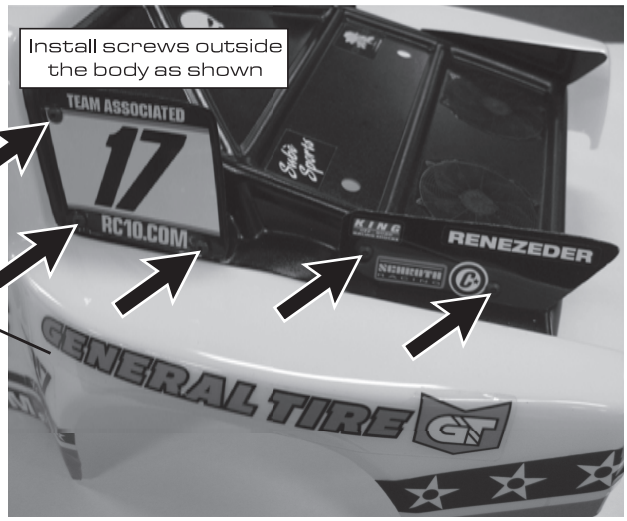
6222 **x10**
nylon locknuts
4-40/5-40

6288 **x10**
4-40 x 1/4
bhcs



9837
SC10 '09
clear body
rear fin

9837
SC10 '09
clear body



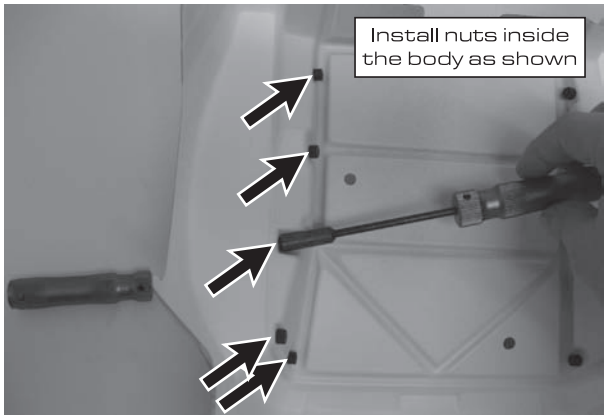
Build left and right sides

:: Body (cont.)

H 2
STEP 5

6332 **x2**
body clip

6332 **x2**
body clip

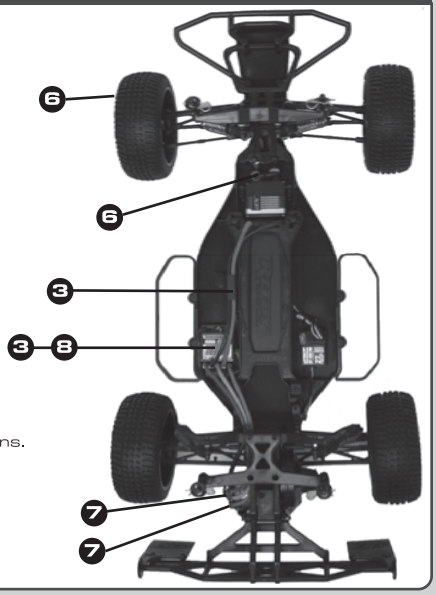






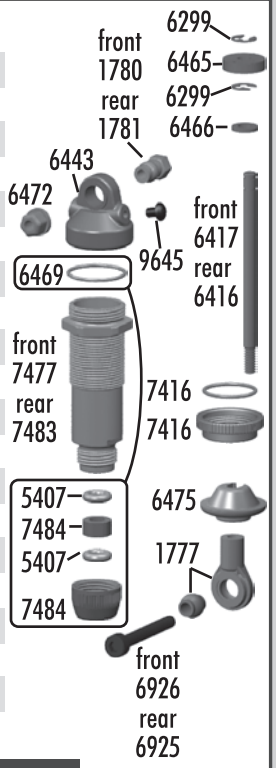
:: Final Adjustments

1. Place your car on a block or stand so that all 4 wheels are elevated and free to move. Remove the body.
2. Turn the transmitter **ON**.
3. Connect your battery pack and turn the ESC (electronic speed control) power switch **ON**.
4. Turn the steering wheel on the transmitter. If the vehicle does not respond, check your battery connection, ESC plug, and servo plug are all installed correctly. If both systems are powered on, then refer to your transmitter manual for help on binding the 2.4 GHz radio systems.
5. If the steering is working, check that the wheels turn left when you turn the transmitter wheel to the left. If not, then you must check the servo revering switches (see transmitter manual).
6. Adjust the steering trim setting on the transmitter until the steering rack (page 4) is centered in the car. Then, adjust the steering turnbuckles (page 6) so that both front wheels point straight forward. Use the steering trim to fine-tune the centering adjustment once you finish the checklist and start driving your car.
7. Now connect the motor to the ESC (refer to ESC instructions for proper installation).
8. Set the ESC according to the manufacturer's instructions. **WARNING:** Some ESC's have the motor dis-connected during setup and some do not. You risk damaging your brushless system if you do not follow the manufacturer's instructions.
9. Check that your ESC settings are working by lightly applying the throttle and brake.
10. Re-install the body. You are now ready to drive !
11. **REMEMBER** that the transmitter is the first to be turned on and the last to be turned off. Always operate your R/C vehicle in a safe area clear of any cars or pedestrians.



:: Shocks

1777	FT Blue Aluminum Shock Pivot Ball/Eyelet	4
1780	FT Blue Aluminum Shock Bushing, std	4
1781	FT Blue Aluminum Shock Bushing, short	4
5407	Red O-Rings	8
6299	1/8" E-Clips	12
6416	FT Shock Shaft Gold 1.32"	1
6417	FT Shock Shaft Gold 1.02"	1
6443	Bleeder Shock Caps 1/10 w/screws	4
6465	Shock Pistons, 4 each of #1,2, & 3	1
6466	Shock Down Stops, Set (14)	1
6469	Black Shock Cap O-Ring	4
6472	Shock Mount Nut	4
6475	Spring Cup	4
6925	4-40 x 1/2" SHCS	6
6926	4-40 x 5/8" SHCS	6
7476	V2 Threaded Shocks 1.02" Complete	2
7477	V2 Threaded Shock Bodies 1.02"	2
7482	V2 Threaded Shocks 1.39" Complete	2
7483	V2 Threaded Shock Bodies 1.39"	2
7484	V2 1/10th Shocks Rebuild Kit (rebuilds 4)	1
9645	2-56 x 1/8" bhcs	6



:: Shock Springs

1580	FT Truck Front Spring Kit. I pair of green, silver, blue, gold, and red front springs	1
1582	FT Truck Rear Spring Kit. I pair of green, silver, blue, gold, and red rear springs	1
6478	Rear Spring Silver 2.10 lb	Pr.
6480	Rear Spring Green 1.90 lb	Pr.
6481	Rear Spring Black 1.74 lb	Pr.
6482	Rear Spring Gray 2.33 lb (Kit)	Pr.
7425	Front Spring Gold 3.70 lb	Pr.
7426	Front Spring Black 2.765 lb	Pr.
7427	Front Spring Green 2.99 lb	Pr.
7428	Front Spring Silver 3.225 lb	Pr.
7429	Front Spring Blue 3.45 lb	Pr.
7430	Front Spring Red 3.90 lb (Kit)	Pr.
7434	Rear Spring Blue 2.55 lb	Pr.
7435	Rear Spring Gold 2.75 lb	Pr.
7436	Rear Spring Red 2.95 lb	Pr.



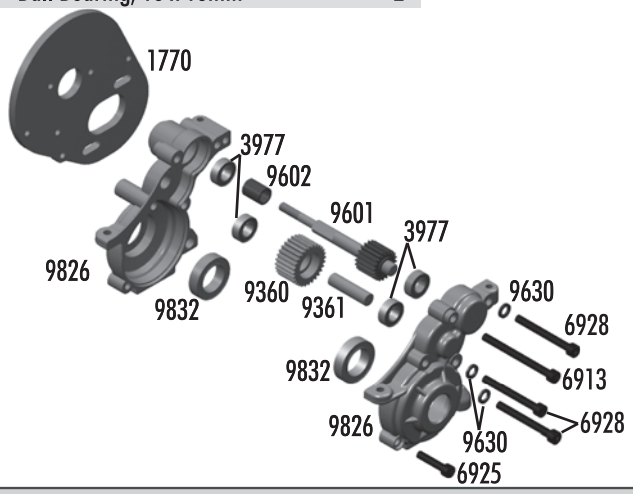
:: Shock Oil

5420	10 Weight Silicone Shock Oil	2oz.
5421	20 Weight Silicone Shock Oil	2oz.
5422	30 Weight Silicone Shock Oil	2oz.
5423	40 Weight Silicone Shock Oil	2oz.
5425	80 Weight Silicone Shock Oil	2oz.
5427	15 Weight Silicone Shock Oil	2oz.
5428	25 Weight Silicone Shock Oil	2oz.
5429	35 Weight Silicone Shock Oil	2oz.
5430	45 Weight Silicone Shock Oil	2oz.
5431	55 Weight Silicone Shock Oil	2oz.
5435	50 Weight Silicone Shock Oil	2oz.
5436	60 Weight Silicone Shock Oil	2oz.
5437	70 Weight Silicone Shock Oil	2oz.



:: Transmission

1770	FT Milled Motor Plate, blue	1
3977	Ball Bearing, 3/16" x 3/8"	2
6913	4-40 x 1 1/4" SHCS	6
6925	4-40 x 1/2" SHCS	6
6928	4-40 x 1" SHCS	6
9360	Idler Gear, molded	1
9361	Idler Gear Shaft	1
9601	B4/T4 Top Shaft	1
9602	B4/T4 Top Shaft Spacer	1
9630	Ball End Washer	10
9826	SC10 Transmission Case (left & right)	1
9832	Ball Bearing, 10 x 16mm	2

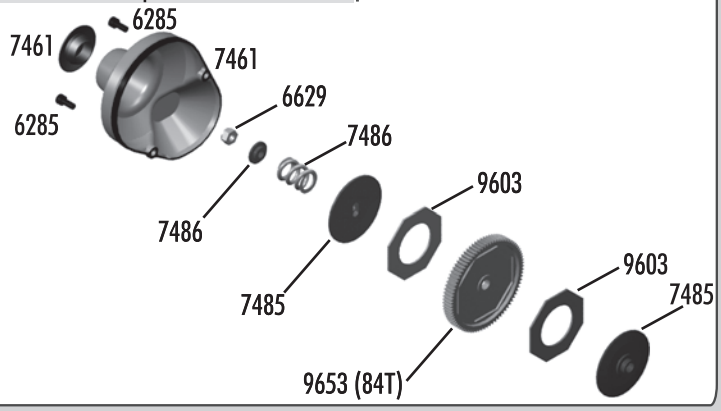


:: Slipper Clutch

6285	4-40 x 1/4 SHCS	12
6629	5-40 Locknuts	6
7460	Molded B4/T4 Gear Cover, black	1
7461	Molded B4/T4 Gear Cover, clear (Kit)	1
7485	V2 Slipper Hubs	2
7486	V2 Slipper Spring / Washer	1
9603	B4/T4 Slipper Pad	2
9650	75T 48P Spur Gear	1
9651	81T 48P Spur Gear	1
9652	78T 48P Spur Gear	1
9653	84T 48P Spur Gear (Kit)	1
9654	87T 48P Spur Gear	1

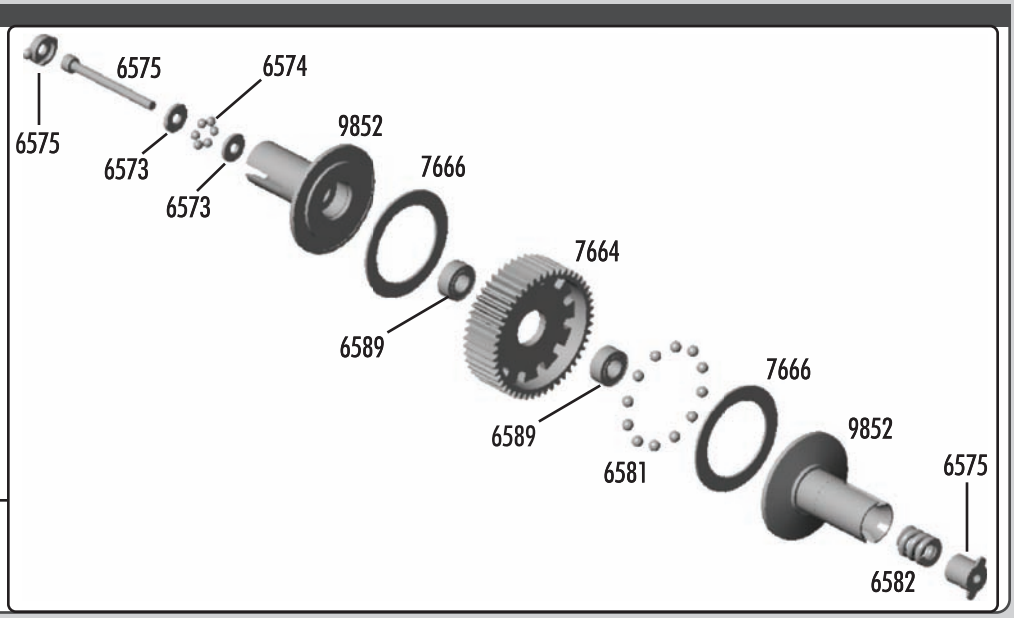
:: Pinion

8252	15T 48P Pinion Gear	1
8253	16T 48P Pinion Gear	1
8254	17T 48P Pinion Gear	1
8255	18T 48P Pinion Gear	1
8256	19T 48P Pinion Gear	1
8257	20T 48P Pinion Gear	1
8258	21T 48P Pinion Gear	1
8259	22T 48P Pinion Gear	1
8260	23T 48P Pinion Gear	1
8261	24T 48P Pinion Gear	1
8262	25T 48P Pinion Gear	1
8263	26T 48P Pinion Gear	1



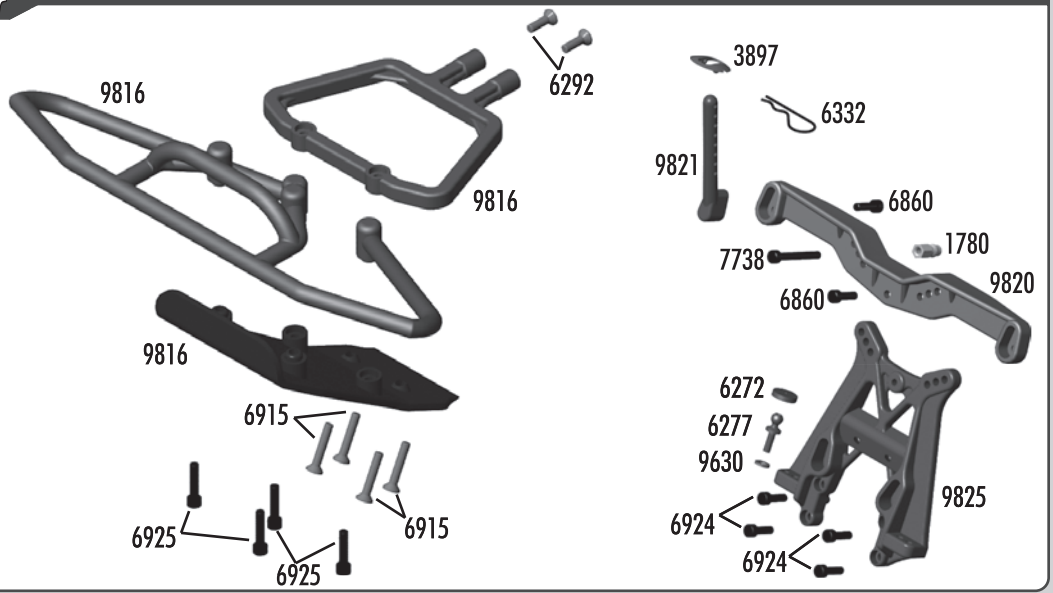
:: Ball Differential

6573	Diff Thrust Washer & Bolt	2
6574	Precision Diff Thrust Balls, 5/64"	6
6575	Locking T-Nut, Diff Thrust Bolt, & Cover	1
6581	3/32" Carbide Diff Balls	12
6582	Diff Thrust Spring	1
6589	Ball Bearing, 5/32 x 5/16" unflanged	2
7664	Diff Gear 52T	1
7666	Diff Drive Rings, 2.60:1	2
7677	B4 / T4 / GT Diff Rebuild Kit	1
9852	SC10 Ball Diff Outdrives	1
9853	SC10 Complete Ball Differential	1



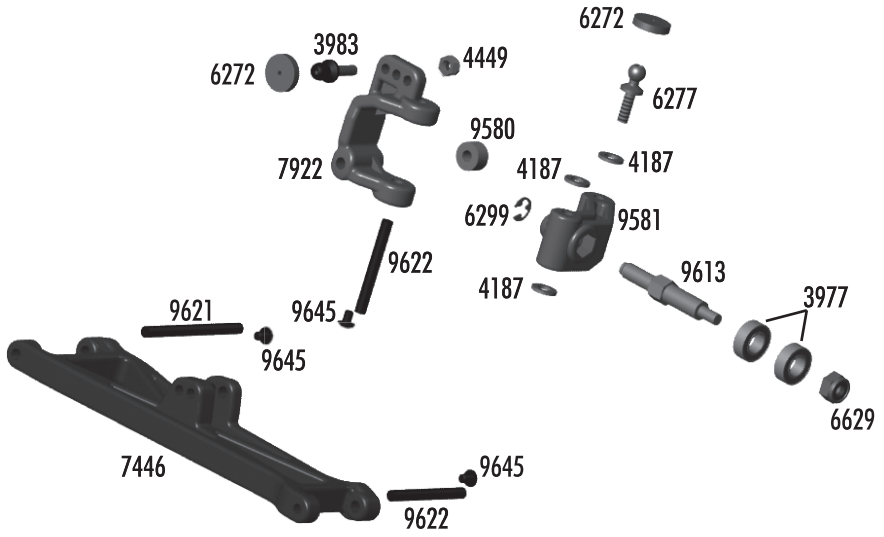
:: Front Bumper / Shock Tower

1780	FT Blue Aluminum Shock Bushing, std	4
3897	Pivoting Body Mounts, Set	1
6272	Foam Ballend Dust Covers	28
6277	Ballstud .30 Silver (short)	4
6292	4-40 x 3/8" FHCS	6
6332	Body Clips	6
6860	FT 4-40 x 3/8" SHCS, Blue Aluminum	6
6915	4-40 x 5/8" FHCS	6
6924	4-40 x 3/8" SHCS	6
6925	4-40 x 1/2" SHCS	6
7738	4-40 x 7/8" SHCS	6
9630	.030" Ballstud Washer	10
9816	SC10 Front Skid, Bumper Set	1
9820	SC10 Front Body Mount	1
9821	SC10 Front Body Posts, Set	1
9825	SC10 Front Shock Tower	1



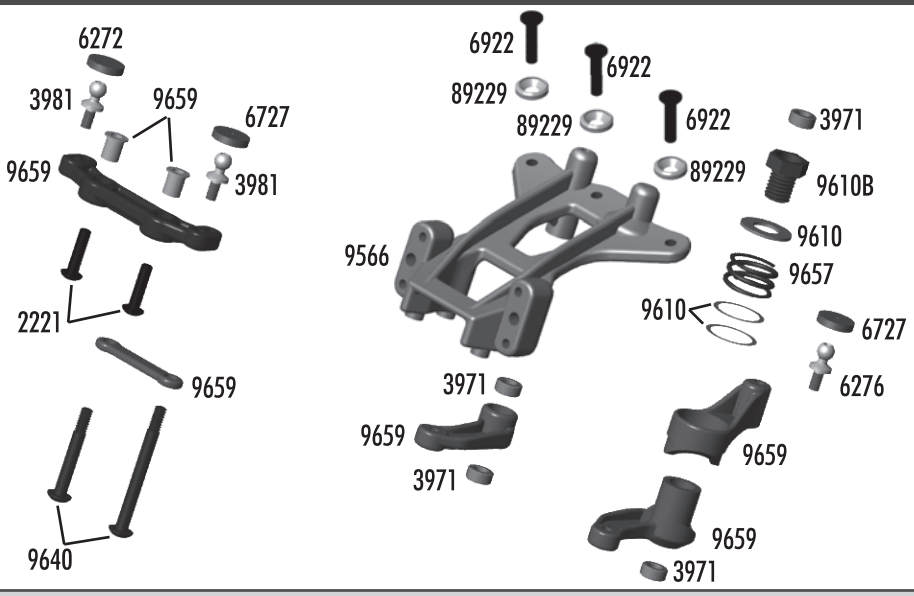
:: Front Arms / Steering

3977	Ball Bearing 3/16" x 3/8"	2
3983	Ballstud .30" Black (short)	6
4187	.030 Nylon Washers	12
4449	4-40 x 3/16" Aluminum Locknut	6
6272	Foam Ballend Dust Covers	28
6277	Ballstud .30 Silver (short)	4
6299	1/8" E-Clip	12
6629	5-40 Locknut	6
7446	T4 Front A-Arm (left & right)	Pr.
7922	30° Caster Blocks (left & right)	Pr.
9580	Caster Block Spacers, Set	1
9581	Trailing Steering Block	Pr.
9613	B4 Trailing Axle	2
9621	B4 Inner Hinge Pin Set	1
9622	B4 Outer Hinge Pin Set	1
9645	2-56 x 1/8" BHCS	8



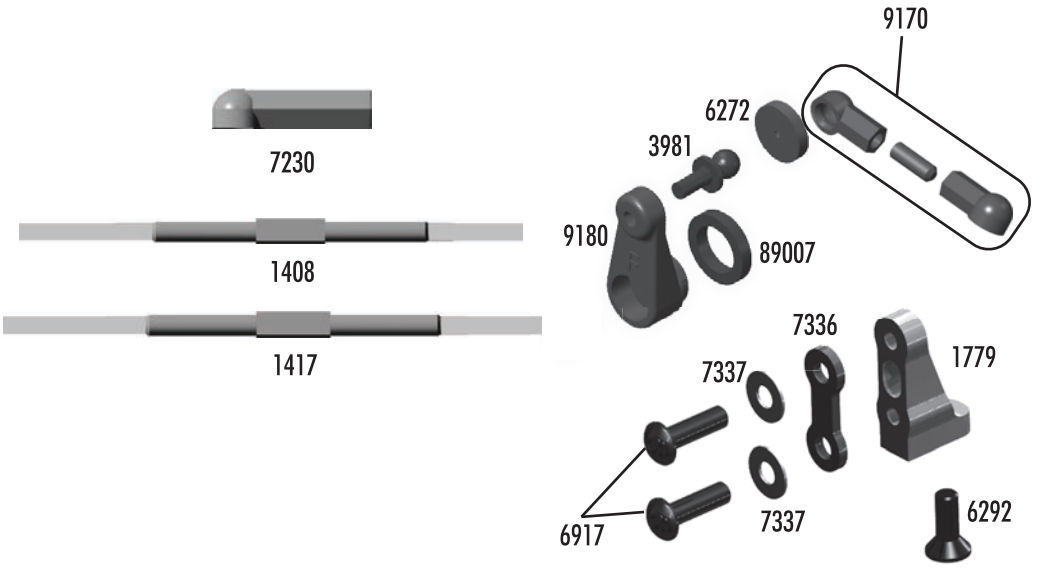
:: Front Bulkhead

2221	4-40 x 7/16" BHCS	6
3971	.125 x .250 x .109" Bearings	4
3981	Ballstud .20 Black, short	6
6272	Foam Ball end Dust Covers	28
6276	Ballstud .20" Silver (short)	6
6922	4-40 x 1/2" FHCS	6
9566	B4 / T4 Top Plate	1
9610	Servo Saver / Steering Hardware	1
9610B	Servo Saver Bolt, Blue	1
9640	B4 / T4 Steering Bolt, left & right	1
9657	B4 / T4 HD Servo Saver Spring	1
9659	B4 / T4 Steering Set. Includes Rack, Bellcrank, Servo Saver, Steering Brace	1
89229	Blue Countersunk Washers	10



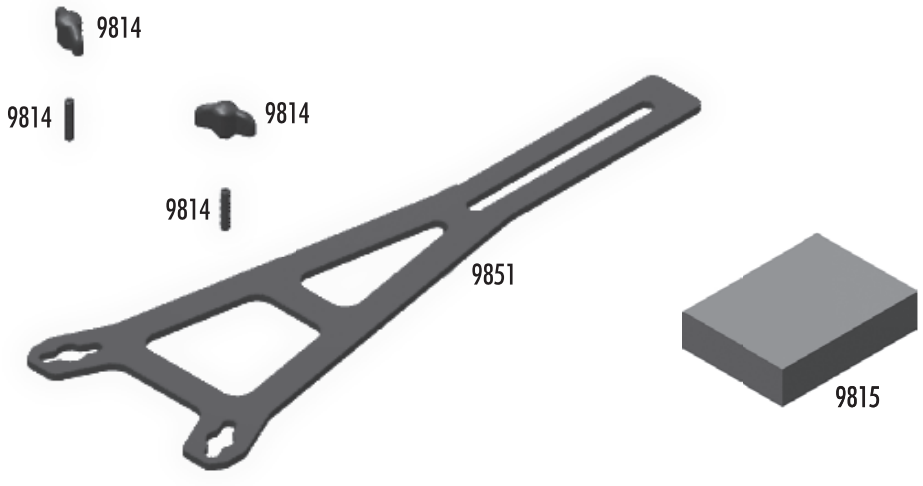
:: Turnbuckles / Servo

1408	FT Blue Titanium Turnbuckles, 2.65"	Pr.
1417	FT Blue Titanium Turnbuckles, 2.80"	Pr.
1779	FT Servo Mount, Blue Aluminum	Pr.
3981	Ballstud .20" Black (short)	6
6272	Foam Ballend Dust Cover	28
6292	4-40 x 3/8" FHCS	6
6917	4-40 x 3/8" BHCS	6
7230	Ballcups, large	12
7336	Servo Mount Set	1
7337	Gold Washer	4
9170	B4 / T4 Servo Link	1
9180	Servo Horns Set	1
89007	Steering Servo Ring	1



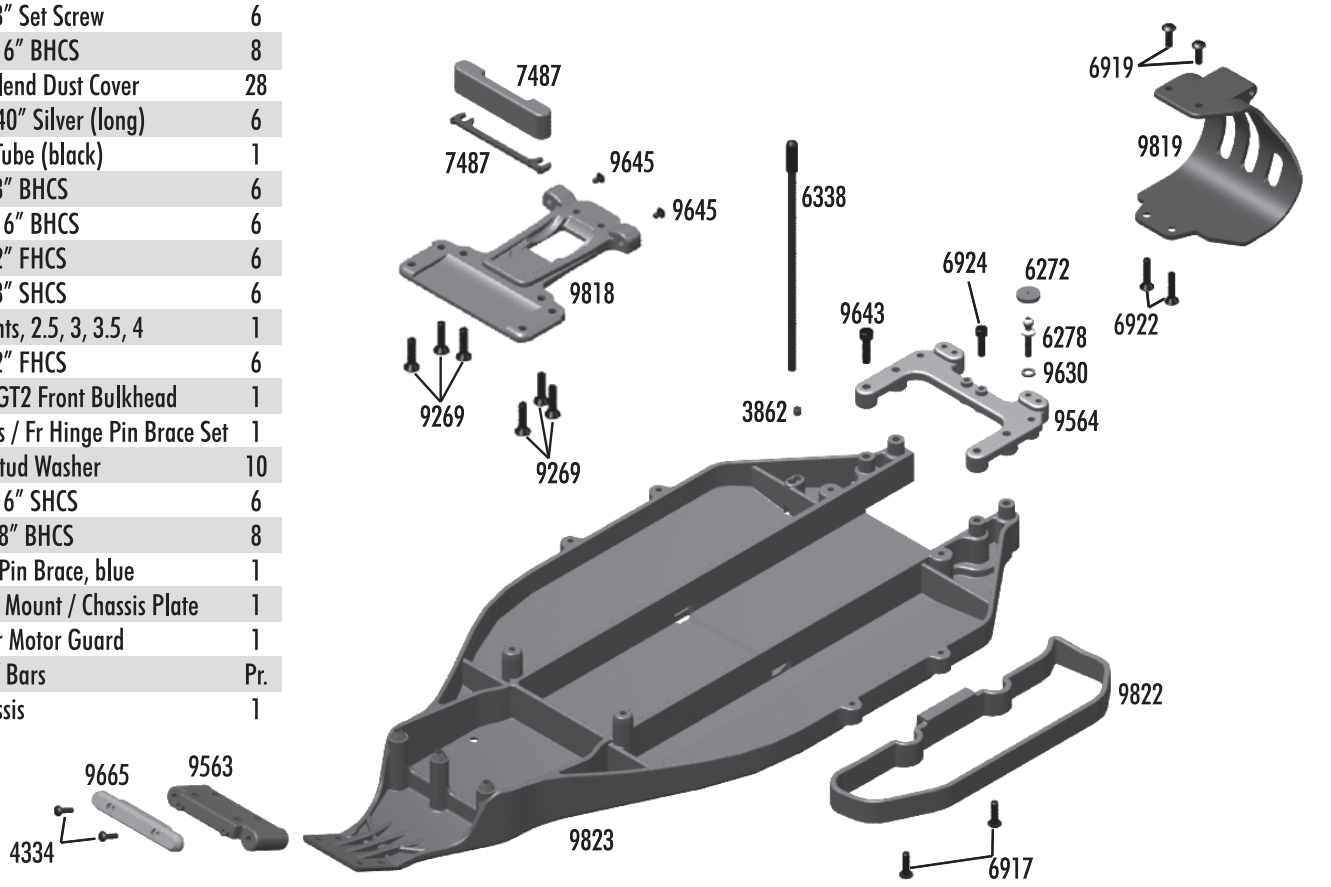
:: Battery Strap

9814	Battery Strap and Hardware Includes Battery Strap, Adhesive Foam, Thumb Knobs, Strap Pivots, & Hardware	1
9815	SC10 Foam Battery Spacer	1
9851	SC10 Battery Strap, Carbon Fiber	1



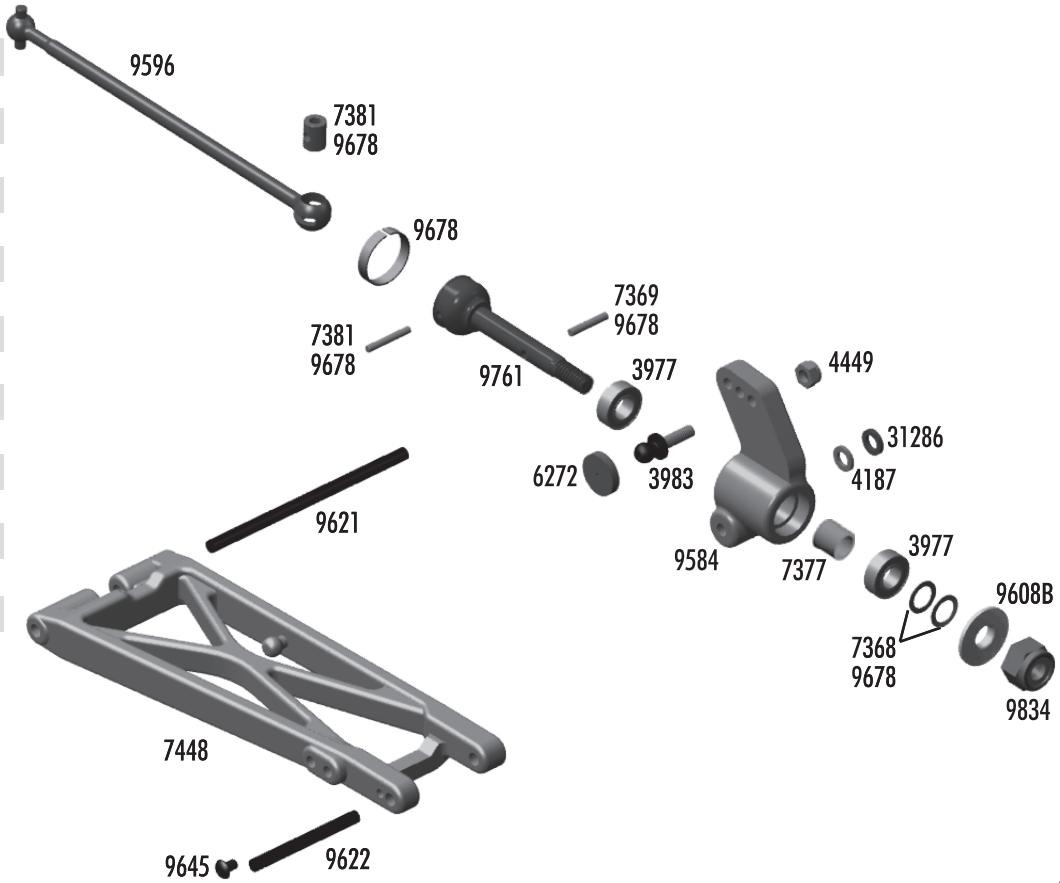
:: Chassis

3862	5-40 x 1/8" Set Screw	6
4334	2-56 x 5/16" BHCS	8
6272	Foam Ballend Dust Cover	28
6278	Ballstud .40" Silver (long)	6
6338	Antenna Tube (black)	1
6917	4-40 x 3/8" BHCS	6
6919	4-40 x 5/16" BHCS	6
6922	4-40 x 1/2" FHCS	6
6924	4-40 x 3/8" SHCS	6
7487	Arm Mounts, 2.5, 3, 3.5, 4	1
9269	5-40 x 1/2" FHCS	6
9563	B4 / T4 / GT2 Front Bulkhead	1
9564	RR Chassis / Fr Hinge Pin Brace Set	1
9630	.030 Ballstud Washer	10
9643	5-40 x 7/16" SHCS	6
9645	2-56 x 1/8" BHCS	8
9665	FT Hinge Pin Brace, blue	1
9818	SC10 Arm Mount / Chassis Plate	1
9819	SC10 Rear Motor Guard	1
9822	SC10 Nerf Bars	Pr.
9823	SC10 Chassis	1



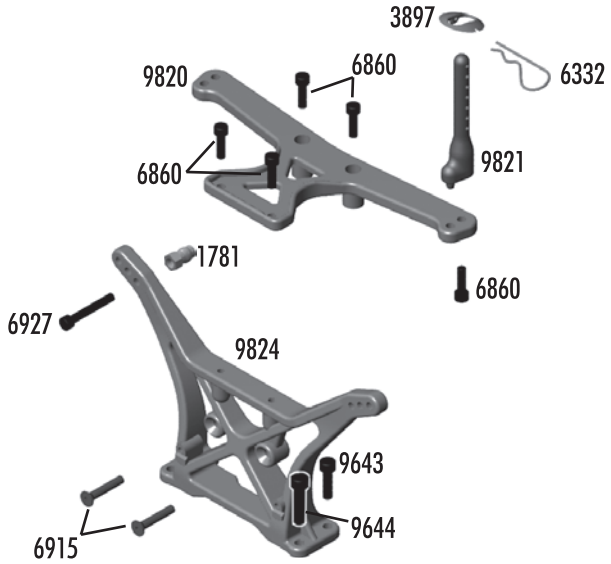
:: Rear Arms / Hubs

3977	Ball Bearing 3/16 x 3/8"	2
3983	Ballstud .30" Black (long)	6
4187	.030 Nylon Washers	12
4449	4-40 x 3/16" Aluminum Locknut	6
6272	Foam Ballend Dust Cover	28
6952	8-32 Steel Locknut (silver)	6
7368	3/16" Axle Shims	14
7369	1/16" Axle Roll Pins	4
7377	Axle Spacer Crush Tubes	2
7381	CVD Rebuild Kit (builds 2)	1
7448	SC10 / T4 Rear A-Arms	Pr.
9584	SC10 / T4 RR Hub Carrier (left & right)	Pr.
9596	SC10 / T4 CVA Bone, requires #9761	2
9608B	RR Axle Wheel Spacer (blue)	2
9621	Front and Rear Inner Hinge Pin Set	4
9622	Front and Rear Outer Hinge Pin Set	6
9645	2-56 x 1/8" BHCS	8
9678	SC10 / T4 CVA Set	1
9761	CVA Input Shaft, requires #9596	Pr.
31286	Aluminum Ballstud Washer Set	1



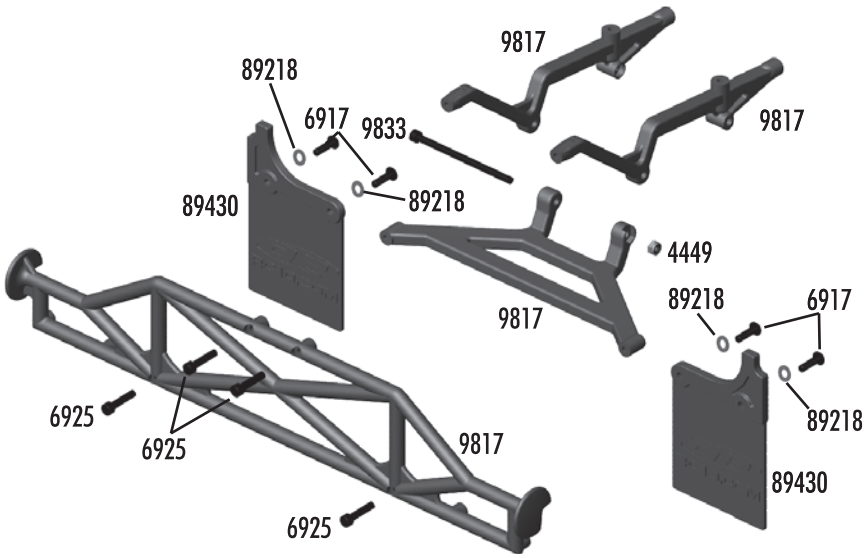
:: Rear Shock Tower

1781	FT Shock Bushings, Blue Aluminum, short	4
3897	Pivoting Body Mounts, Set	1
6332	Body Clips	6
6860	FT 4-40 x 3/8" SHCS, Blue Aluminum	6
6915	4-40 x 5/8" FHCS	6
6927	4-40 x 3/4" SHCS	6
9643	5-40 x 7/16" SHCS	6
9644	5-40 x 9/16" SHCS	6
9820	SC10 Body Mounts FR / RR	1
9821	SC10 Body Posts, Set	1
9824	T4 / SC10 Rear Shock Tower	1



:: Rear Bumper / Braces

4449	4-40 x 3/16" Aluminum Locknut	5
6917	4-40 x 3/8" BHCS	6
6925	4-40 x 1/2" SHCS	6
9817	SC10 RR Bumper and Brace, Includes Bumper, Braces (left, right, upper, and lower),	1
9833	4-40 x 1 3/4" SHCS	6
89218	3x8mm washer	10
89430	Mud Flaps	Pr.



:: Wheels / Tires

9805	SC10 KMC Wheel FR (silver)	2
9806	SC10 KMC Wheel RR (silver)	2
9807	SC10 KMC Wheel FR (black) (Kit)	2
9808	SC10 KMC Wheel RR (black) (Kit)	2
9809	SC10 Tire with Foam Insert (Kit, front)	2
9810	SC10 Tire / Wheel FR (silver)	2
9811	SC10 Tire / Wheel RR (silver)	2
9812	SC10 Tire / Wheel FR (black)	2
9813	SC10 Tire / Wheel RR (black)	2

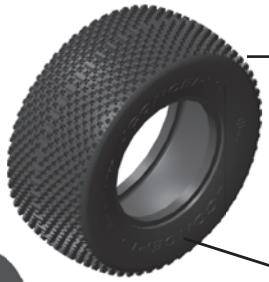


Front Wheel / Tire (back view)



Rear Wheel / Tire (back view)



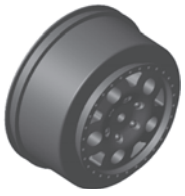


JConcepts Subculture tires are sold separately. Visit http://www.jconcepts.net for replacement tires and more Short Course options!

JConcepts #3042

JConcepts Subculture tire, green compound (use on rear wheels)





:: Factory Team and Option Parts

1283	FT T4 Ti Turnbuckle Set	1
1408	FT Ti Turnbuckle, 2.65" (blue) for front steering	Pr.
1409	FT Ti Turnbuckle, 1" (sway bar) (blue)	Pr.
1417	FT Ti Turnbuckle, 2.80" (blue) for front / rear camber	Pr.
1585	FT B4 Aluminum Trailing Axle	Pr.
1598	FT Blue Aluminum Shock Caps, (blue) see also #6439	4
1654	FT Solid Axle Pins	4
1734	FT Blue Body Clip, 4 long, 6 short	10
1735	FT Blue Body Clip, long	4
1736	FT Blue Body Clip, short	6
1770	FT Milled Aluminum Motor Plate, (blue)	1
1777	Blue Aluminum Shock Ball Ends with Eyelets, Set	1
1778	FT Milled Aluminum Motor Plate, (black)	1
1779	FT Servo Mounts, blue aluminum	Pr.
1780	FT Blue Aluminum Threaded Shock Bushings	4
1781	FT Rear Shock Bushing (short)	4
1787	FT Battery Strap Thumbscrews, Set	1
3438	8-32 LP Locknuts (blue)	3
3971	Steering Rack Bearings	4
6416	Gold Shock Shaft, 1.32" stroke	1
6417	Gold Shock Shaft, 1.02" stroke	1
6439	FT Blue Aluminum Shock Caps, (blue) see also #1598	1
6443	Bleeder Shock Caps, 1/10	4
6463	Shock Pistons, Blank	8
6906	Ball Bearing, PTFE Sealed 3/16 x 3/8"	2
6937	FT 4-40 Aluminum Locknuts (blue)	6
6943	FT 8-32 Aluminum Locknuts (blue)	6
7381	CVD Rebuild Kit	1
7416	FT Threaded Shock Collar & O-Rings	Pr.
7447	T4 Front A-Arm, Carbon	Pr.
7449	T4 Rear A-Arm, Carbon	Pr.
7453	CVD Axle Bone T4 (black), , requires #9598	Pr.
7455	CVD Set T4	Pr.
7476	FT V2 1.02" Threaded Shocks Kit	Pr.
7477	FT V2 1.02" Threaded Shock Bodies	Pr.
7482	FT V2 1.39" Threaded Shocks Kit	Pr.
7483	FT V2 1.39" Threaded Shock Bodies	Pr.
7922	Caster Block 30 deg, (left & right) (Kit)	Pr.
7990	Aluminum Front Bulkhead (blue)	1
9565	B4 / T4 Chassis Brace, Hinge Pin Brace, Carbon	1
9567	B4 / T4 Top Plate, Carbon	1
9592	B4 / T4 Caster Block 20 deg, (left & right)	Pr.
9596	FT SC10 / T4 CVA Bones, requires #9761 (Kit)	Pr.
9598	CVD Axles T4, requires #7453	Pr.
9600B	FT B4 / T4 Aluminum Motor Plate (blue)	1
9608	RR Axle Wheel Spacer (silver)	Pr.
9610B	B4 / T4 Blue Servo Saver Bolt	1
9635	B4 / T4 Sway Bar Kit. Includes color coded bars, soft (black), med (silver), hard (gold)	1
9665	FT B4 / T4 Aluminum Hinge Pin Brace V2	1
9674	T4 Shiny CVD Dogbone, requires #9598	Pr.
9678	FT SC10 / T4 CVA Set	1
9761	CVA Input Shaft, requires #9596 (Kit)	Pr.

:: Factory Team and Option Parts (cont.)

9789	SC10 / B4 FT Titanium Front Axles, Set	1
9795	Ti Nitride Ballstuds 4-40 x .20 - long	Pr.
9796	Ti Nitride Ballstuds 4-40 x .30 - long	Pr.
9797	Ti Nitride Ballstuds 4-40 x .40 - long	Pr.
9798	Ti Nitride Ballstuds 4-40 x .20 - short	Pr.
9799	Ti Nitride Ballstuds 4-40 x .30 - short	Pr.
9851	SC10 Battery Strap, Carbon	1

:: Lubes and Adhesives

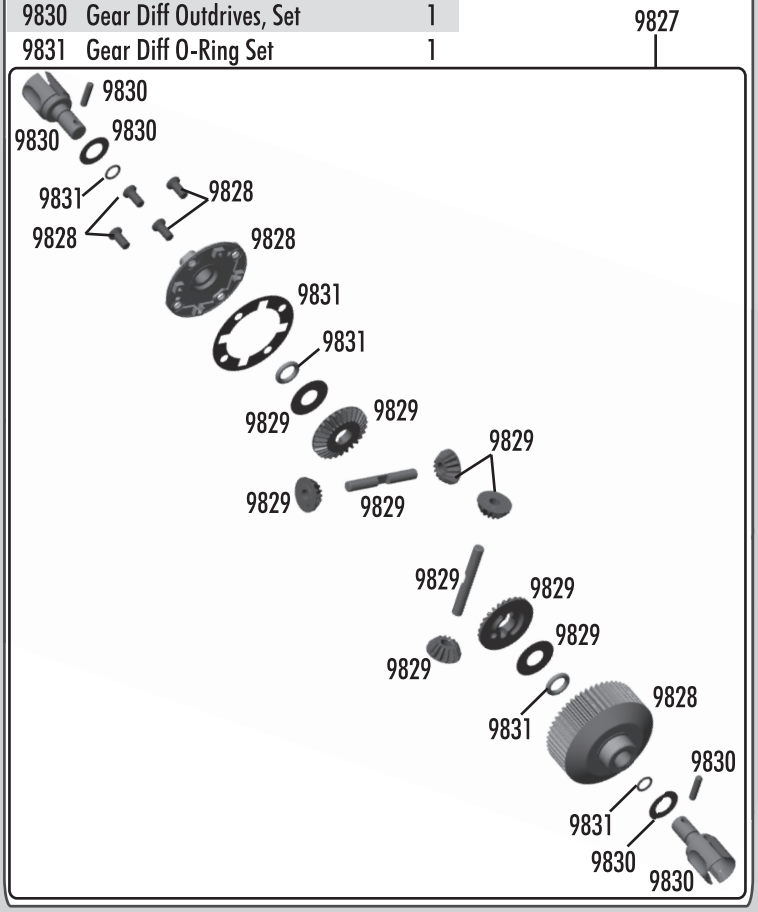
1105	Green Slime Shock Lube	4cc
1596	FT Locking Compound	10ml
1597	FT Tire Adhesive	.70oz
6588	Black Grease	4cc
6591	Diff Lube	4cc
6636	Silicone Lube	4cc
6727	Servo Tape Strips	2



:: Gear Diff Transmission Option

5450	Silicone Diff Fluid 1000CST	1
5451	Silicone Diff Fluid 2000CST	1
5452	Silicone Diff Fluid 3000CST	1
5453	Silicone Diff Fluid 5000CST	1
5454	Silicone Diff Fluid 7000CST	1
5455	Silicone Diff Fluid 10000CST	1
9827	Complete Gear Diff	1
9828	Diff Gear and Cover	1
9829	Gear Diff Rebuild	1
9830	Gear Diff Outdrives, Set	1
9831	Gear Diff O-Ring Set	1





:: Electronics

29107	1504 Servo Gear Set, Metal	1
29131	SHV1504 Servo	1
29132	SHV1504MG Servo	1
29140	XP SC200 ESC Forward / Reverse / Brake	1
29141	XP SC450BL Brushless ESC	1
29166	XP DS1313 Performance Digital Servo	1
29167	XP DS1015 Hi-Torque / Hi-Speed Digital Servo	1
29209	1313 Servo Gear Set	1
29210	1015 Servo Gear Set	1
29221	XP3-SS 2.4ghz Radio	1
29222	XP3-SS 2.4ghz Receiver	1

:: Reedy Motors

300	Stockstar 27-turn ROAR Stock	1
410	Flash 12-turn Modified	1
411	Flash 13-turn Modified	1
412	Flash 14-turn Modified	1
413	Flash 15-turn Modified	1
414	Flash 17-turn Modified	1
415	Flash 19-turn Modified	1
517	Challenger 19-turn ROAR Spec	1
916	540R Brushless Motor 3300kV	1
917	540R Brushless Motor 3900kV	1
918	540R Brushless Motor 4900kV	1
919	540R Brushless Motor 6100kV	1
936	XP/Reedy 3300kV Motor and ESC Combo 1/10th Scale	1
937	XP/Reedy 3900kV Motor and ESC Combo 1/10th Scale	1
938	XP/Reedy 4900kV Motor and ESC Combo 1/10th Scale	1
939	XP/Reedy 6100kV Motor and ESC Combo 1/10th Scale	1
9626	Reedy Radon 30,000 RPM	1

:: Reedy Batteries and Chargers

302	AA Alkaline 1.5V (4)	1
303	AA 2700mAh NiMH 1.2V Rechargeable	1
610	Reedy AC/DC 4-7 Cell NiMH/NiCd Charger	1
681	Wolfpack 2400mAh 7.2V w/DEANS® connector	1
682	Wolfpack 3000mAh 7.2V w/DEANS® connector	1
683	Wolfpack 3600mAh 7.2V w/DEANS® connector	1
684	Wolfpack 4200mAh 7.2V w/DEANS® connector	1
685	LiPo 5000mAh 7.4V 40C+	1
686	LiPo 4200mAh 7.4V 40C+ SP	1
689	R-Power 1700mAh 7.2V w/TAM connector	1
693	Wolfpack 2400mAh 7.2V w/TAM connector	1
694	Wolfpack 3000mAh 7.2V w/TAM connector	1
695	Wolfpack 3600mAh 7.2V w/TAM connector	1
696	Wolfpack 2400mAh 7.2V w/TRA connector	1
697	Wolfpack 3000mAh 7.2V w/TRA connector	1
698	Wolfpack 3600mAh 7.2V w/TRA connector	1
699	Wolfpack 3600mAh 9.6V w/TRA connector	1
700	Wolfpack 4200mAh 7.2V w/TAM connector	1
703	LiPo 5000mAh Pro 7.4V 20C	1
704	LiPo 5000mAh 7.4V 20C w/TAM connector	1
709	LiPo 5000mAh 7.4V 35C ROAR Spec	1
711	LiPo 4900mAh 7.4V 35C EFRA Spec	1
712	LiPo 4200mAh 7.4V 35C SP EFRA Spec	1

:: Reedy Batteries and Chargers (cont.)

713	LiPo 2400mAh 7.4V 20C Stick	1
714	LiPo 3400mAh 7.4V 25C Stick	1
723	LiFe 4000mAh 6.6V 30C	1
724	Wolfpack 3000mAh 8.4V w/DEANS® connector	1
725	Wolfpack 3600mAh 8.4V w/DEANS® connector	1

:: Reedy Accessories

651	Battery Bars (8)	1
652	Battery Bars (30)	1
653	Battery Bars (100)	1
654	4.0mm plugs (2M, 2F)	1
655	4.0mm plugs (2M, 10F)	1
656	4.0mm plugs (10F)	1
657	4.0mm plugs (100F)	1
658	4.0mm plugs (10M)	1
659	4.0mm plugs (30M)	1
660	3.5mm plugs (3M, 3F)	1
661	3.5mm plugs (10F)	1
662	3.5mm plugs (100F)	1
663	3.5mm plugs (10M)	1
664	3.5mm plugs (30M)	1
665	Single Cell Shrink - Clear (12)	1
666	Single Cell Shrink - Clear (30)	1
667	Single Cell Shrink - Clear (100)	1
716	Reedy 09 Decal Set	1
718	LiPo Charging Sack	1

:: LRP Speed Controls

LRP8320	AI Super Reverse	1
LRP8325	AI Pro Reverse	1
LRP8337	AI Bullet Reverse	1
LRP80100	AI Brushless Reverse	1
LRP80150	AI Brushless Pro Reverse	1
LRP80400	SPX Brushless Super Reverse	1
LRP80900	SXX Competition Speed Control	1
LRP80910	SXX Stock-Spec	1
LRP80950	SXX TC-Spec Speed Control	1
LRP86500	NEXXT 4X ESC	1

:: LRP Brushless Motors

LRP50642	LRP X-12 9.5 Turn	1
LRP50652	LRP X-12 8.5 Turn	1
LRP50662	LRP X-12 7.5 Turn	1
LRP50672	LRP X-12 6.5 Turn	1
LRP50682	LRP X-12 5.5 Turn	1
LRP50687	LRP X-12 5.0 Turn	1
LRP50692	LRP X-12 4.5 Turn	1
LRP50702	LRP X-12 4.0 Turn	1
LRP50712	LRP X-12 3.5 Turn	1
LRP50722	LRP X-12 3.0 Turn	1
LRP50832	Vector X-12 Stock-Spec 10.5 Turn	1
LRP50842	Vector X-12 Stock Spec 13.5 Turn	1
LRP50852	Vector X-12 Stock Spec 17.5 Turn	1
LRP50862	Vector X-12 Stock Spec 21.5 Turn	1

:: LRP Brushless Combo's

LRP80585	AI Pro / X-11 Short Course Combo	1
LRP80640	SXX TC / X-12 3.0 Turn	1
LRP80641	SXX TC / X-12 3.5 Turn	1
LRP80642	SXX TC / X-12 4.0 Turn	1
LRP80643	SXX TC / X-12 4.5 Turn	1
LRP80644	SXX TC / X-12 5.0 Turn	1
LRP80645	SXX TC / X-12 5.5 Turn	1
LRP80646	SXX TC / X-12 6.5 Turn	1
LRP80647	SXX TC / X-12 7.5 Turn	1
LRP80648	SXX TC / X-12 8.5 Turn	1
LRP80649	SXX TC / X-12 9.5 Turn	1
LRP80654	SXX COMP / X-12 5.0 Turn	1
LRP80655	SXX COMP / X-12 5.5 Turn	1
LRP80656	SXX COMP / X-12 6.5 Turn	1
LRP80657	SXX COMP / X-12 7.5 Turn	1
LRP80658	SXX COMP / X-12 8.5 Turn	1
LRP80659	SXX COMP / X-12 9.5 Turn	1
LRP80673	SXX Stock-Spec / X-12 SS 10.5 turn	1
LRP80674	SXX Stock-Spec / X-12 SS 13.5 turn	1
LRP80675	SXX Stock-Spec / X-12 SS 17.5 turn	1

:: LRP Misc.

LRP50620	X-12 Replacement Ball Bearings	1
LRP50621	X-12 Optional Ceramic Ball Bearings	1
LRP50622	X-12 Small parts Set	1
LRP50623	X-12 PreciSensor Unit	1
LRP50624	X-12 Replacement alum. Front can	1
LRP50625	X-12 Lightweight Alum. Can	1
LRP50626	X-12 Alum Rear Cover	1
LRP50632	X-12 12.0mm sintered rotor	1
LRP50633	X-12 12.5mm sintered rotor	1
LRP50634	X-12 13.0mm sintered rotor	1
LRP50636	LRP Works 12.0mm X-12 Sintered Rotor	1
LRP50637	LRP Works 12.5mm X-12 Sintered Rotor	1
LRP50638	LRP Works 13.0mm X-12 Sintered Rotor	1
LRP80135	BEC Stabilizing Capacitor	1
LRP819307	70mm High Flex Sensor Wire	1
LRP819310	100mm High Flex Sensor Wire	1
LRP819315	150mm High Flex Sensor Wire	1
LRP819320	200mm High Flex Sensor Wire	1
LRP82520	Radical Cooling Set	1
LRP82511	SXX Low Pro Fan	1

:: LRP Chargers, Power Supply, Balancer, Iron

LRP41552	Pulsar Competition 3 Charger	1
LRP43150	Power Supply Competition	1
LRP45200	LiPo Parallel Balancer	1
LRP65800	High Power Solder Station	1
LRP65802	Soldering Tip 5mm	1
LRP65803	Soldering Tip 1.2mm	1
LRP65804	Soldering Handle	1

:: Bodies and Decals

9836	SC10 Clear Body	1
9837	SC10 '09 Clear Body (Kit)	1
9838	SC10 KMC Body, pre-painted & detailed	1
9839	SC10 Lucas Oil Body, pre-painted & detailed	1
9840	SC10 Bully Dog Body, pre-painted & detailed	1
9841	SC10 Pro Comp Body, pre-painted & detailed	1
9842	SC10 AE Body, pre-painted & detailed	1
9843	SC10 KMC Decal Sheet	1
9844	SC10 Lucas Oil Decal Sheet	1
9845	SC10 Bully Dog Decal Sheet	1
9846	SC10 Pro Comp Decal Sheet	1
9847	SC10 AE Decal Sheet	1
9848	SC10 Ready Lift Body, pre-painted & detailed	1
9849	SC10 Ready Lift Decal Sheet	1
9850	SC10 Number Plate & Decals	1
9856	SC10 '09 Lucas Oil Body, pre-painted & detailed	1
9857	SC10 '09 Lucas Oil Decal Sheet	1
9858	SC10 '09 Pro Comp Body, pre-painted & detailed	1
9859	SC10 '09 Pro Comp Decal Sheet	1
9860	SC10 '09 Speed Tech Body, pre-painted & detailed	1
9861	SC10 '09 Speed Tech Decal Sheet	1
9862	SC10 '09 Rockstar / Makita Body, pre-painted & detailed	1
9863	SC10 '09 Rockstar / Makita Decal Sheet	1

:: 1/18 Kits and RTR's

20100	RC18T RTR (ready-to-run)	1
20101	RC18T2 2.4ghz RTR (ready-to-run)	1
20103	RC18B2 - RC18T2 Team Kit	1
20105	RC18B RTR (ready-to-run)	1
20106	RC18B2 2.4ghz RTR (ready-to-run)	1
20110	RC18MT RTR (ready-to-run)	1
20115	RC18R Kamino RTR (ready-to-run)	1
20118	RC18R Niteline RTR (ready-to-run)	1
20120	SC18 RTR (ready-to-run)	1
20130	RC18LM RTR (ready-to-run)	1

:: 1/12, 1/10 Kits and RTR's

2033	FT Nitro TC3 Kit	1
2042	Nitro TC3 RTR Plus (ready-to-run)	1
4019	FT 12R5.1 Kit	1
7020	RC10T4 Team Truck Kit	1
7022	FT RC10T4 Team Truck Kit	1
7027	SC10 2WD Short Course Race Truck Kit	1
7029	SC10 Associated/RC10.com Race Truck RTR (ready-to-run)	1
7030	SC10 KMC Wheels Race Truck RTR (ready-to-run)	1
7032	SC10 Ready Lift RTR (ready-to-run)	1
7036	RC10T4.1 RTR 2.4GHz Brushed (ready-to-run)	1
7037	RC10T4.1 RTR 2.4GHz Brushless (ready-to-run)	1
7040	SC10 RTR, 2.4ghz Brushless Lucas Oil Body	1
7041	SC10 RTR, 2.4ghz Brushless Speed Tech / Bully Dog Body	1
7043	SC10 RTR, 2.4ghz Brushless Pro Comp Body	1
7044	SC10 RTR, 2.4ghz Brushless Rockstar Body	1
7080	FT GT2 Nitro Truck Kit	1
7092	GT2 RS Truck Nitro RTR (ready-to-run)	1

:: 1/12, 1/10 Kits and RTR's (cont.)

8020	FT RC10R5 Kit	1
8021	FT RC10R5-OVAL Kit	1
9034	RC10B4 Buggy Team Kit	1
9035	FT RC10B4 Buggy Kit	1
9038	RC10B4.1 RTR 2.4GHz Brushed (ready-to-run)	1
9039	RC10B4.1 RTR 2.4GHz Brushless (ready-to-run)	1
9060	FT B44 4WD Buggy Kit	1
20515	MGT 3.0 Nitro Monster Truck RTR (ready-to-run)	1
30105	FT TC5R Rubber Tire Edition 4WD Touring Car Kit	1
30111	TC4 4WD Touring Car RTR (ready-to-run)	1

:: 1/8 Kits and RTR's

20503	Limited Edition MGT 4.60 Nitro RTR, with flag body (ready-to-run)	1
20504	Limited Edition MGT 8.0 Nitro RTR, with flag body (ready-to-run)	1
80901	RC8e 4WD Electric Buggy Kit	1
80901-25	RC8e / SPX8 / Vector 8 2500Kv Combo	1
80901-28	RC8e / SPX8 / Vector 8 2800Kv Combo	1
80902	FT RC8B Nitro Buggy Kit	1
80904	FT RC8Be Electric Buggy Kit	1
80905	RC8RS "Race Spec" Nitro Buggy RTR (ready-to-run)	1
80911	RC8Te 4WD Electric Tuggy Kit	1
80911-25	RC8Te / SPX8 / Vector 8 2500Kv Combo	1
80911-28	RC8Te / SPX8 / Vector 8 2800Kv Combo	1
80912	RC8T Championship Edition	1
80915	RC8T-RS "Race Spec" Nitro Truggy RTR (ready-to-run)	1
80920	SC8 Short Course Race Truck, Red Bull Nitro RTR (ready-to-run)	1
80921	SC8 Short Course Race Truck, Lucas Oil Nitro RTR (ready-to-run)	1
80922	SC8 Short Course Race Truck, KMC Wheels Nitro RTR (ready-to-run)	1
80923	SC8 Short Course Race Truck, Bully Dog Nitro RTR (ready-to-run)	1
80924	SC8 Short Course Race Truck, AE Team Nitro RTR (ready-to-run)	1
80925	SC8 Short Course Race Truck, Pro Comp Nitro RTR (ready-to-run)	1
80931	SC8e 4WD Electric Short Course Race Truck, Kit	1
80931-25	SC8e / SPX8 / Vector 8 2500Kv Combo	1
80931-28	SC8e / SPX8 / Vector 8 2800Kv Combo	1

Check out www.TeamAssociated.com - www.RC10.com for the latest kits, RTRs, and option parts for your SC10 and other Associated vehicles!

:: Apparel

SP35**	Reedy 09' White T-Shirt (M, L, XL, XXL, XXXL)	1
SP36**	Reedy 09' Black T-Shirt (M, L, XL, XXL, XXXL)	1
SP58**	AE Logo Black T-Shirt (M, L, XL, XXL)	1
SP59**	AE Logo Blue T-Shirt (M, L, XL, XXL)	1
SP60**	AE Hooded Sweatshirt (S, M, L, XL, XXL)	1
SP61**	AE Vertigo Hooded Sweatshirt (S, M, L, XL, XXL)	1
SP62**	AE Vertigo Long Sleeve T-Shirt (S, M, L, XL, XXL)	1
SP63**	AE Vertigo White T-Shirt (S, M, L, XL, XXL)	1
SP64**	AE Vertigo Blue T-Shirt (S, M, L, XL, XXL)	1
SP65**	AE Vertigo Black T-Shirt (S, M, L, XL, XXL)	1
SP100	1/8 Inner and Outer Boxes Only, Set	1
SP101	1/8 Inner Boxes Only, Set	1
SP102	1/10 Inner and Outer Boxes Only, Set	1
SP103	1/10 Inner Boxes Only, Set	1
SP410**	AE Hats Black (S-M, L-XL, XXL-XXXL)	1
SP415	1/8 Car Carrier Bag Only	1

:: Tools

SP416	1/10 Car Carrier Bag Only	1
SP417	1/10 FT Motor Bag	1
SP418	1/10 FT Car Carrier Bag with Boxes, Set	1
SP420**	AE Pit Gloves (M, L, XL)	Pr.
715	Reedy 2009 Track Banner	1
110684	Team Associated Track Banner	1

** Use part number plus the desired size when ordering!

:: Tools

1111	FT Turnbuckle Wrench	1
1449	Offroad Ride Height Gauge	1
1450	FT Ride Height Gauge	1
1541	FT Hex Driver Set, (7 pcs)	1
1542	FT .050" Silver Hex Driver	1
1543	FT 1/16" Black Hex Driver	1
1544	FT 1.5mm Purple Hex Driver	1
1545	FT 5/64" Blue Hex Driver	1
1546	FT 3/32" Gold Hex Driver	1
1547	FT 2.5mm Green Hex Driver	1
1548	FT 3mm Red Hex Driver	1
1551	FT Screwdriver Set	1
1553	FT Phillips Silver Screwdriver	1
1554	FT Silver Spring Hook Tool	1
1561	FT Nut Driver Set, (6 pcs)	1
1562	FT 3/16" Black Nut Driver	1
1563	FT 1/4" Red Nut Driver	1
1564	FT 5.5mm Red Nut Driver	1
1565	FT 11/32" Green Nut Driver	1
1566	FT 7.7mm Silver Nut Driver	1
1567	FT 8mm Gold Nut Driver	1
1589	FT 5/64" Blue Ball Hex Driver	1
1590	FT 3/32" Gold Ball Hex Driver	1
1592	FT Ball Hex Driver Set, (3 pcs)	1
1719	FT Camber + Track Width Tool	1
1737	FT Body Scissors	1
3718	12 Inch Nylon Wire Ties	12
3719	6 Inch Nylon Wire Ties	12
3720	8 Inch Nylon Wire Ties	12
3987	FT Droop Gauge	1
6429	Shock Building Tool	1
6956	Molded Tools, Set	1
7709	4 Inch Nylon Wire Ties	12



Associated Electrics, Inc.
26021 Commercentre Drive
Lake Forest, CA 92630-8853

call: (949) 544-7500 - fax: (949) 544-7501

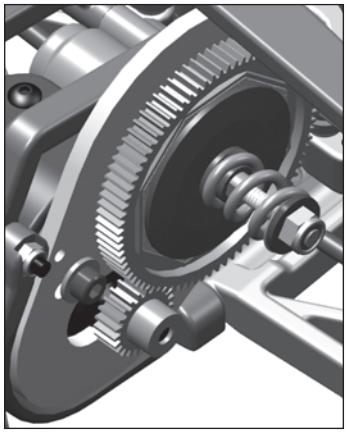
Check out the following web sites for all of our electric kits, current products, new releases, setup help, tips, and racing info!
www.TeamAssociated.com. - www.RC10.com

:: Adjustments / Tips

Motor Gearing:
Proper motor gearing will result in maximum performance and run time while reducing the chance of overheating and premature motor failure. The gear ratio chart lists recommended starting gear ratios for the most widely used motor types. Gear ratios will vary depending upon motor brand, wind, and electronic speed control. Consult your motor and electronic speed control manufacturers for more information.

SC10 Gear Ratio Chart

MOTOR	Pinion	Spur	FDR
27T Stock Motor	19	87	11.91:1
19T Super Stock Motor	19	87	11.91:1
17.5 Brushless Motor	28	75	6.96:1
13.5 Brushless Motor	21	84	10.40:1
10.5 Brushless Motor	19	84	11.49:1
9.5 Brushless Motor	18	84	12.13:1
8.5 Brushless Motor	17	84	12.85:1
3300kV Brushless Motor	18	84	12.13:1



Set The Gear Mesh
You should be able to rock the spur gear back and forth in the teeth of the pinion gear without making the pinion gear move. If the spur gear mesh is tight, then loosen the #31531 screws and move the motor away, then try again. A gear mesh that is too tight or too loose will reduce power and damage the gear teeth.

MAINTENANCE

Check For Fit
Periodically check all moving suspension parts. Suspension components must be kept clean and move freely without binding to prevent poor and / or inconsistent handling.

Motor Maintenance
Brushed motors require frequent maintenance to keep performance levels at their maximum. Between runs and after letting the motor cool completely, inspect the brushes to ensure that they are moving freely in their holders. Remove the springs and slide the brushes in and out of their holders checking for any resistance or rough spots. If found, remove the brush and carefully wipe it clean. Removing buildup will allow the brush to slide freely and create maximum contact with the commutator resulting in maximum power output.

After every 3-5 runs, remove the brushes from their holders and inspect the tips for wear or burning. If there is noticeable wear (less than 75% of the brush remaining), it is best to cut the commutator and replace the brushes with a new pair. If the tips become a burned blue color, the lubricant in the brush has been burned away and new brushes should be installed.

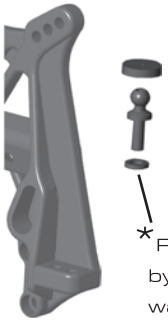
Occasionally, the motor should be cleaned with a soft brush to prevent dirt build up around the brush hood area and ball bearings. At this time, it is a good idea to add one drop of bushing / bearing oil to each bushing or ball bearing.

If using a brushless motor, please refer to the motor manufacturer's guidelines for proper maintenance.

Slipper Clutch
The assembly instructions give you a base setting for your clutch. Turn the nut on the shaft so that the end of the top shaft is even with the outside of the nut. Tighten the nut until the shaft extends thru the nut by 0.5mm. At the track, tighten or loosen the nut in 1/8 turn increments until you hear a faint slipping sound for 1-2 feet on takeoffs.

Another popular way to set the clutch is to hold both rear tires firmly in place and apply short bursts of throttle. If the clutch is properly set, the front tires should lift slightly up off the surface.

:: Adjustments / Tips



*Raise or lower the ball end by adding or subtracting washers here

Front Camber Links

Changing the length of the camber link is considered a bigger step than adjusting the ball end height on the tower. Shortening the camber link (or lowering the ball end) will give the front end less roll and quicken steering response. Lengthening the camber link (or raising the ball end) will give the front more roll and slower steering response.

Longer camber links are typically used on high grip tracks and shorter links tend to work better on medium-grip loose tracks.

Caster

Caster describes the angle of the kingpin as it leans toward the rear of the vehicle. Positive caster means the kingpin leans rearward at the top. The supplied 30° caster blocks (#7922) are recommended in most cases. For less corner entry steering and more exit steering, try the optional 25° blocks (#7919).

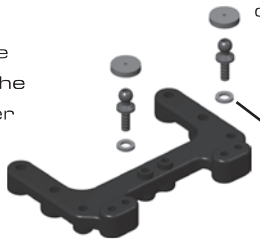


*Testing camber with camber gauge

Front Camber

Camber describes the angle at which the tire and wheel rides when looked at from the front. Negative camber means that the tire leans inward at the top.

A good starting camber setting is -1°. Use the included #1719 camber gauge to set your camber. Positive camber, where the top of the tire is leaning out, is not recommended.



*Raise or lower the ball end by adding or subtracting washers here

Rear Camber Link

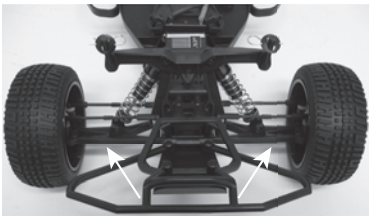
Changing the length of the camber link is considered a bigger step than adjusting the ball end height on the rear chassis brace. Shortening the camber link (or lowering the ball end) will give the rear end less roll and the car will tend to accelerate or "square up" better. Lengthening the camber link (or raising the ball end) will give the rear more roll and more cornering grip. Longer camber links are typically used on high grip tracks, while shorter links tend to work better on med-grip loose tracks. The kit setting is the best compromise of cornering grip and acceleration.

Rear Camber

Camber describes the angle at which the tire and wheel rides when looked at from the back. Negative camber means that the tire leans inward at the top. A good starting camber setting is -1°. Use the included #1719 camber gauge to set your camber. Adding a small amount of positive camber, where the top of the tire is leaning out, will tend to improve straight-line acceleration on loose tracks.

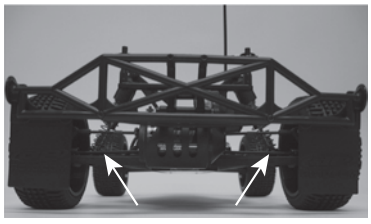
Ride Height

Ride height is the distance from the ground to the bottom of the chassis. The standard front ride height setting is with the front arms level (reffered to as "arms level"). Check the ride height by lifting up the entire car about 8-12 inches off the bench and drop it. After the suspension "settles" into place, add or remove pre-load clips so that the left & right arms appear to be level.



*Front arms should be in a straight line when ride height is set at "arms level"

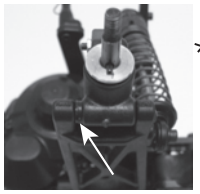
The rear ride height setting you should use most often is with the outdrive, driveshaft, and axles all on the same imaginary horizontal line (reffered to as "bones level"). Check the ride height by lifting up the entire car about 8-12 inches off the bench and drop it. After the suspension "settles" into place, add or remove pre-load clips so that the left & right driveshafts appear to be level.



*Dogbones should be in a straight line when ride height is set at "dogbones level"

Wheelbase Adjustment

You have three options for rear hub spacing, Forward, Middle, & Back. The kit setting provides the most rear traction, and will be used most often. A short wheelbase will make the rear end more responsive.



*Spacers to the rear will place hubs forward, shortening the wheelbase

Anti-Roll bar

The optional #9635 rear anti-roll bar kit (also called the "swaybar") allows you to add roll resistance to the rear end with minimal effect on handling over bumps and jumps. It is an especially helpful tuning item on high-grip tracks (try the gold bar). The silver and black anti-roll bars are typically used on medium-grip loose tracks.

SC10

Setup Sheet for Team Associated's SC10

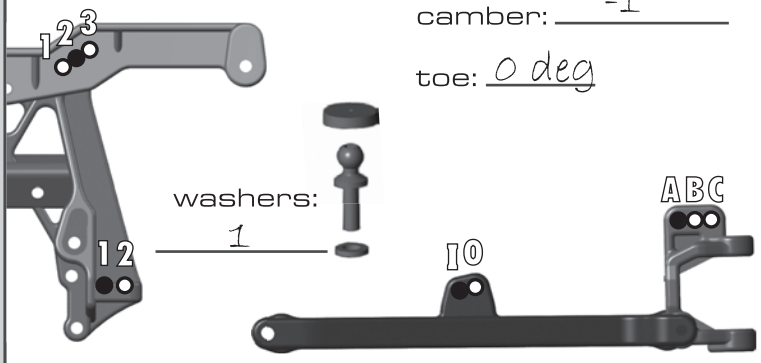
:: Driver: SC10 FT Standard Setup **:: Date:** _____

:: Track: _____

:: Event: _____

Rev. 2

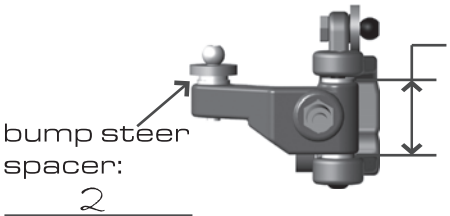
:: Front End



camber: -1

toe: 0 deg

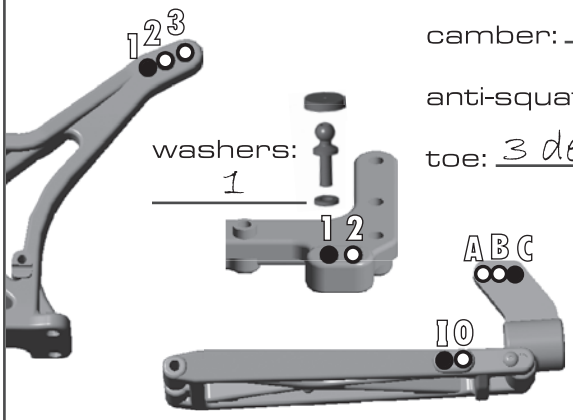
ride height: arms level



bump steer spacer: 2

axle height		caster	
up	☐	20°	☐
middle	☐	25°	☐
down	■	30°	■

:: Rear End



camber: 0

anti-squat: 2 deg

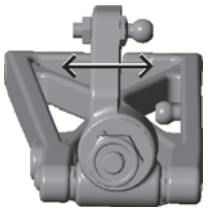
toe: 3 deg

washers: 1

ride height: bones level

rear hub carriers

std 0°	■
0.5°	☐
1°	☐
1.5°	☐



wheel base	
long	☐
medium	☐
short	■

anti-roll bar	
none	■
black (soft)	☐
silver (med)	☐
gold (hard)	☐

:: Front Shocks

spring: red piston: #3

shock oil: 30wt limiter: 7 thin

:: Rear Shocks

spring: Gray piston: #1

shock oil: 30wt limiter: 2 thin

:: Electronics

motor & wind: not included

pinion: not included

spur gear: 84

batteries: not included

battery placement: back, cut foam block

radio: not included

throttle / brake epa: _____

throttle / brake expo : _____

esc: not included throttle profile: _____

initial brake: _____ drag brake: _____

servo: _____ steering expo: _____

:: Other

body: SC10 09'

notes: _____

:: Gear Differential / Ball Differential

gear diff fluid: ☐ _____

ball diff settings: ■ 0.5mm

:: Front Tires

tire: standard

compound: standard

insert: standard

wheel: KMC - Black

:: Rear Tires

tire: JConcepts Subcultures

compound: green

insert: standard

wheel: KMC - Black

:: Race and Vehicle Comments

qualify: _____ main: _____ finish: _____ tq: ☐

comments: _____

:: Track Info

smooth: ☐ bumpy: ☐ blue groove: ☐

traction: ☐ high ☐ med. ☐ low

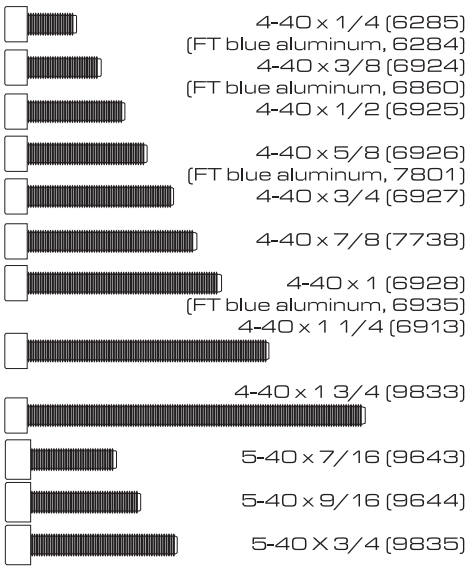
soft dirt: ☐ grass: ☐ clay: ☐ wet: ☐

dusty: ☐ other: _____

:: For more setups, visit www.RC10.com and click on 'Racing'

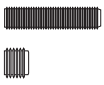
:: Hardware - 1:1

socket head (shcs)



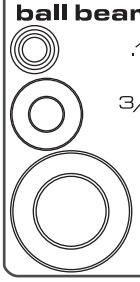
4-40 x 1/4 (6285)
(FT blue aluminum, 6284)
4-40 x 3/8 (6924)
(FT blue aluminum, 6860)
4-40 x 1/2 (6925)
4-40 x 5/8 (6926)
(FT blue aluminum, 7801)
4-40 x 3/4 (6927)
4-40 x 7/8 (7738)
4-40 x 1 (6928)
(FT blue aluminum, 6935)
4-40 x 1 1/4 (6913)
4-40 x 1 3/4 (9833)
5-40 x 7/16 (9643)
5-40 x 9/16 (9644)
5-40 X 3/4 (9835)

setscrews



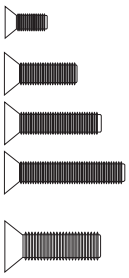
4-40 x 1/2 (9170)
5-40 x 1/8 (3862)

ball bearings



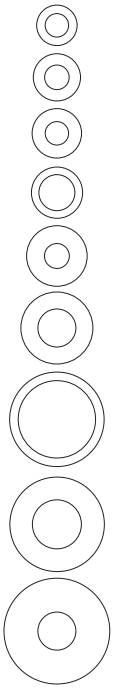
.125x.250x.109 bearing (3971)
3/16" x 3/8" ball bearing (3977)
(PTFE bearing, 6906)
10 x 16mm ball bearing (9832)

flat head (fhcs)



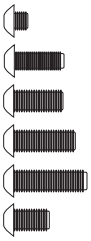
2.5x6mm (4675)
4-40 x 3/8 (6292)
4-40 x 1/2 (6922)
(FT blue aluminum, 8409)
4-40 x 5/8 (6915)
5-40 x 1/2 (9269)

shims & washers



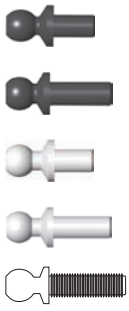
ballstud washer (9630)
.03 nylon washer (4187)
gold washer (7337)
3/16 axle shim (7368)
#4 aluminum washer (6936)
5 x 9.5mm shim (9830)
gear diff outdrives
servo saver shim (9610)
servo saver hardware (lower)
servo saver shim (9610)
servo saver hardware (upper)
5 x 14mm shim (9829)
diff rebuild

button head (bhcs)



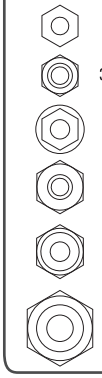
2-56 x 1/8 (9645)
2-56 x 5/16 (4334)
4-40 x 5/16 (6919)
(FT blue aluminum, 6946)
4-40 x 3/8 (6917)
(FT blue aluminum, 6947)
4-40 x 7/16 (2221)
3x6mm (31531)

ballstuds



black .20" (3981)
black .30" (3983)
silver .20" (6276)
silver .30" (6277)
silver .40" (6278)
(Ti Nitride .40", 9797)

nuts (lock/plain)



4-40 small plain nut (7260)
3/16 aluminum locking nut (4449)
shock mount nut (6472)
4-40 nut (6295)
5-40 lock nut (6629)
8-32 aluminum lock nut (9834)
8-32 steel lock nut (6952)

Servo Chart

1 FIND YOUR SERVO TYPE



2 FIND YOUR SPACER(S)



3 SELECT YOUR SERVO HORN



1 STEERING SERVO TYPE (Steering servo is sold separately) NOT ALL SERVOS ARE LISTED	2 #7336 SPACER	3 #9180 SERVO ARM
Associated Electrics / XP AE SHV1504MG, DS1015, DS1313	thin spacer	**F**
Airtronics 94102	no spacer	**A**
Airtronics 94738, 94157, 94158, 94257, 94258, 94357, 94358, 94452, 94453, 94751, 94755	thick spacer	**A**
Hitec HS-5625MG, HS-5645MG, HS-625MG, HS-645MG	no spacer	**H**
Hitec HS-303, HS-300BB, HS-945MG, HS-925MG, HS-5945MG, HS-5925MG, HS-525MG, HS-525BB, HS-425BB, HS-422	thin spacer	**H**
JR Z4725, Z4750, Z2750, Z8450, Z8550, NES-4750	no spacer	**J**
JR Z250, Z550	thin spacer	**J**
Futaba S9204, S9250, S9450, S148	no spacer	**F**
Futaba S3003, S9202, S9101	thin spacer	**F**
Futaba S9404	thick spacer	**F**
KO PS-401, PS-2001, PS-2004, PS-2015, PS-2173, PS-2174, PS-2123, PS-2143, PS-2144	thin spacer	**J**

SC10

Setup Sheet for Team Associated's SC10

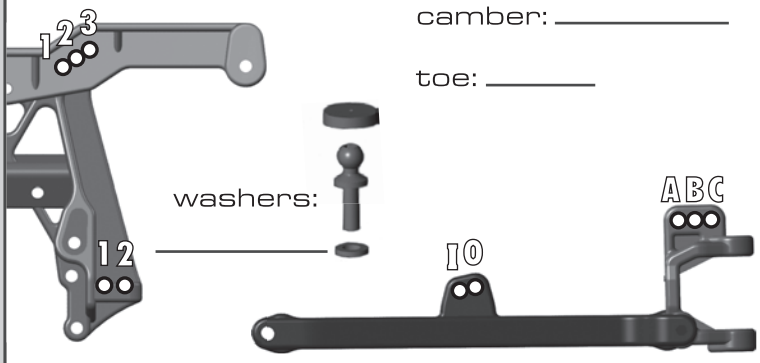
:: Driver: _____ **:: Date:** _____

:: Track: _____

:: Event: _____

Rev. 2

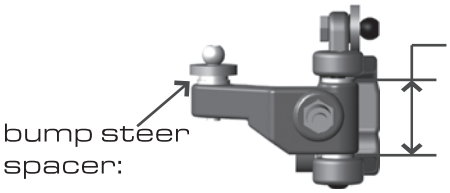
:: Front End



camber: _____

toe: _____

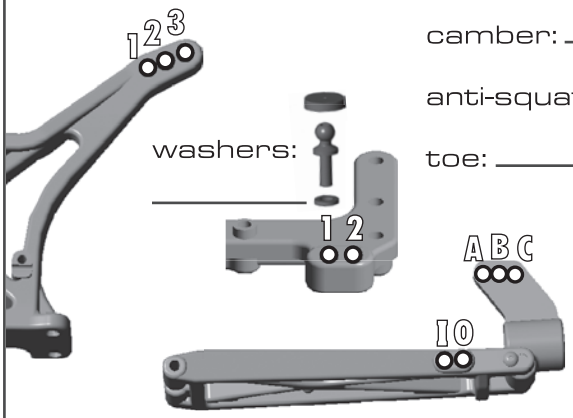
ride height: _____



bump steer spacer: _____

axle height		caster	
up	☐	20°	☐
middle	☐	25°	☐
down	☐	30°	☐

:: Rear End



camber: _____

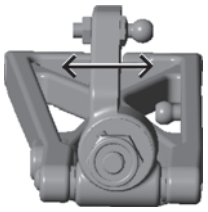
anti-squat: _____

toe: _____

rear hub carriers

std 0°	☐
0.5°	☐
1°	☐
1.5°	☐

ride height: _____



wheel base	
long	☐
medium	☐
short	☐

anti-roll bar	
none	☐
black (soft)	☐
silver (med)	☐
gold (hard)	☐

:: Front Shocks

spring: _____ piston: _____

shock oil: _____ limiter: _____

:: Rear Shocks

spring: _____ piston: _____

shock oil: _____ limiter: _____

:: Electronics

motor & wind: _____

pinion: _____

spur gear: _____

batteries: _____

battery placement: _____

radio: _____

throttle / brake epa: _____

throttle / brake expo : _____

esc: _____ throttle profile: _____

initial brake: _____ drag brake: _____

servo: _____ steering expo: _____

:: Other

body: _____

notes: _____

:: Gear Differential / Ball Differential

gear diff fluid: ☐ _____

ball diff settings: ☐ _____

:: Front Tires

tire: _____

compound: _____

insert: _____

wheel: _____

:: Rear Tires

tire: _____

compound: _____

insert: _____

wheel: _____

:: Race and Vehicle Comments

qualify: _____ main: _____ finish: _____ tq: ☐

comments: _____

:: Track Info

smooth: ☐ bumpy: ☐ blue groove: ☐

traction: ☐ high ☐ med. ☐ low

soft dirt: ☐ grass: ☐ clay: ☐ wet: ☐

dusty: ☐ other: _____

:: For more setups, visit www.RC10.com and click on 'Racing'

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