PROSC 4x4

#7063 ProSC 4x4 RTR

READY-TO-RUN

BRUSHLESS POWERED ELECTRIC SHORT COURSE TRUCK

1:10 Scale Electric 4WD Short Course Truck Manual & Catalog

QUALIFIER SERIES

TEAM ASSOCIATED

:: Introduction

Thank you for purchasing this Team Associated Qualifier Series product. This manual contains instructions and tips for maintaining your new Pro SC 4x4 RTR. Please take a moment to read through it and familiarize yourself with these steps as they will help you to understand each component's function and show you some tips for getting the most out of your Pro SC 4x4 RTR. We are continually changing and improving our designs; therefore, actual parts may appear slightly different than the illustrations.

For more information, scan the QR code to the right for videos and tutorials on the Pro SC 4x4 RTR!

http://www.teamassociated.com/cars_and_trucks/Pro_SC_4x4/

:: Pro SC 4x4 Platform Features

- Ready-To-Run shaft drive 4wd Short Course truck
- Reedy Brushless Motor
- Brushless speed control with High Current T-plug Connector (2S-3S LiPo compatible)
- 2.4Ghz Radio system with Metal Gear steering servo
- Factory painted and decaled Short Course body, available in two color combinations
- 16mm 'Big Bore' composite fluid filled shocks
- 15-spoke off road hex drive wheels with high-grip racing tires
- Short Course style front and rear bumpers and improved adjustable body mounts
- Upgraded CVAs and rear dog bones for improved durability
- Heavy duty gear differentials, aluminum drive shaft, and center slipper clutch
- Composite modular chassis with enclosed water-resistant receiver box
- All metric hardware, adjustable steel turnbuckles, and ball bearings throughout

:: Additional Items Needed

Your Pro SC 4x4 RTR requires the following items to complete your kit:

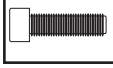
- Transmitter batteries (AA) (#302 recommended)
- Battery charger (peak detection charger recommended) (AE #27201)
- Battery (LiPo recommended) (AE #754)

:: Other Helpful Items

- Silicone Shock Fluid / Differential Fluid (Refer to catalog for complete listings)
- Body Scissors (AE Part # 1737)
- FT Hex Wrenches (AE Part # 1541, 1655)
- FT Nut Drivers (AE Part # 1561, 1663-1668)
- FT Turnbuckle Wrench (AE Part #1112)
- Green Slime shock lube (AE Part # 1105)
- Needle nose pliers
- Ride Height Gauge (#1449 recommended)
- FT Threadlock (AE Part # 1596)
- Multi Tool (AE Part # 7494)
- Calipers or a Precision Ruler
- Soldering Iron
- Wire cutters
- Reamer/hole punch
- Hobby knife

:: Hardware - 1:1 Scale View

Cap Head (shcs)



3x10mm (25620)

Setscrew

3x3mm (25225)

4x3mm (25223)

4x4mm (7732)

Nuts (lock/plain)

M3 Locknut (25215)
M3 Alum. Locknut, Blue (31550)

M4 Locknut w/Flange & Knurl (91148)
FT M4 Locknuts w/Flange, Blue (31551)

Shims and Washers

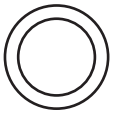
Nylon Spacer .030 (4187)

Arm Shim (7158)

3x6mm Washer (7164)

3x8mm Thin Washer (89218)

6x12mm Washer (7165)



Pro Lite Diff Shim (7133)

Flat Head (fhcs)

2.5x6mm (4675)

2.5x10mm (31350)

3x8mm (25201)

3x10mm (25202)

3x16mm (89224)

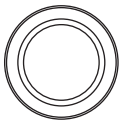
3x18mm (89209)

3x22mm (89455)

Ball Bearings

5x8mm (31400)

5x11x4mm, qty 2 (25710)
qty 4 (25618)



10x15x4mm (25616)

Button Head (bhcs)

2.5x6mm (31520)

3x4mm(91158)

3x8mm (31532)

3x10mm (25211)

3x12mm (89202)

3x14mm (25187)

3x16mm (89203)

3x18mm (2308)

3x26mm (89205)

Button Head (bhps)

2x4mm, flanged (7168)

Tap Screw (7167)

Ballstuds

Ballstud, short (7163)

Ballstud, long (7163)

:: Table of Contents

:: Notes

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

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

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:: Quick Start Guide

Battery Charging Steps and Safety:

Remove the battery from the vehicle before charging.
Place battery on a fire resistant surface.
Avoid any contact with water or other liquids.
Be sure to select the correct charging mode for the type of battery you are charging.

ALWAYS use a compatible charger for charging your batteries.

Caution: Never leave the battery unattended while charging. Always disconnect the charger from the power source when finished charging.

Caution: Always disconnect the battery when you are finished driving the vehicle.

Peak Detection Quick Charger

:: Quick Start Guide - (cont.)

Battery Installation:

1. Install the battery with the battery wires directed towards the rear of the vehicle.
2. Insert the tabs of the battery strap into the battery wall.
3. Slide the opposite side of the battery strap onto the battery post and secure with a body clip.

You may move the foam pad to either the front or the rear of the battery compartment to adjust the weight balance of the vehicle.

:: Quick Start Guide - (cont.)

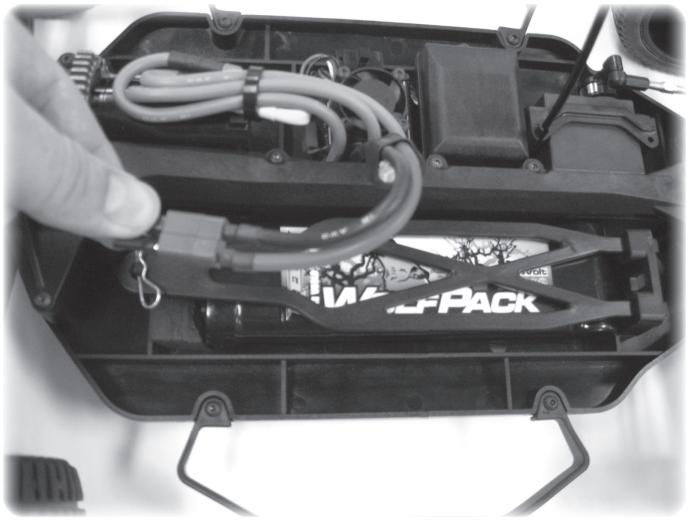
:: Quick Start Guide - (cont.)

Battery Notes and Tip:

Connect the battery as shown.
Disconnect the battery when not in use!

LiPo: LiPo batteries (lithium polymer) are high current rechargeable batteries. LiPo batteries offer extended run time and peak performance over NiMH batteries. They require a peak detection charger designed specifically for LiPo batteries. These batteries require special care and handling.
LiPo batteries are recommended for advanced users only!
ALWAYS charge a LiPo battery in LiPo mode.

If using a 3S LiPo battery, you must use a smaller pinion gear (use part #91164 13T Pinion). This provides the correct gear ratio required for the more powerful 3S LiPo battery.



:: Quick Start Guide - (cont.)

Radio System Tuning and Controls:

RULE: Transmitter on First/Vehicle on Second,
Vehicle off First/ Transmitter off Last!

1) Slide the battery cover to remove cover.
2) Install alkaline or rechargeable AA size batteries into the battery holder.
3) Slide the battery cover back into place making sure it is completely closed and secure.
4) Turn the power ON. If the power indicator LED fails to light, check the batteries for insufficient contact or incorrect polarity.

On/Off Switch

:: Quick Start Guide - (cont.)

Radio System Tuning and Controls:

DO NOT hold the trigger when turning on the radio.

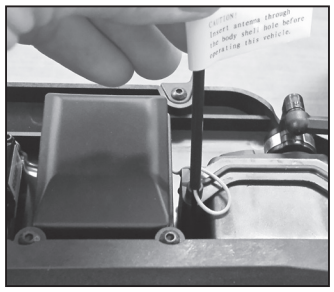
If using optional battery for transmitter, be sure to plug it in correctly. Plugging in a battery backwards can cause damage.

Refer to Radio owners manual for more in-depth instructions on radio operation and functions.

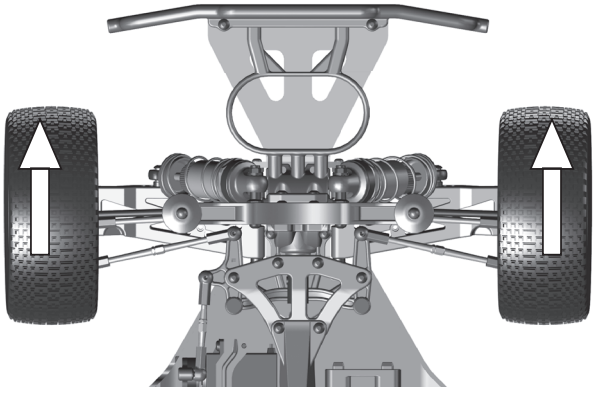
Throttle set to Neutral!

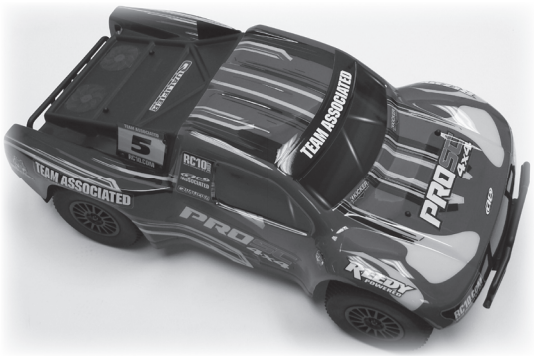
:: Quick Start Guide - (cont.)

Adjust steering trim so front wheels point straight.



Install antenna wire through antenna tube, then install antenna tube as shown.





Install body and body clips. Ready to go!

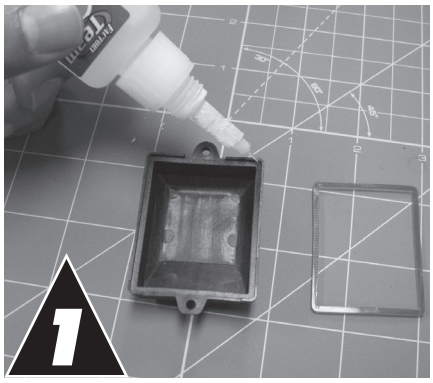
:: Wiring Diagrams

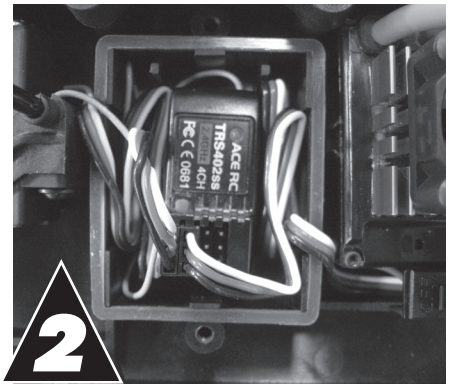
Receiver Box Gasket Maintenance:

1. Apply a small amount of "hobby grade" glue to the top edge of the receiver box in order to hold the receiver box gasket in place. Do the same for the receiver box lid. Make sure not to get glue on the side of the gaskets that will make contact with each other!

Wait untill the glue has completely dried before moving on to the next step!

2. Once the receiver box gasket is installed, you can then plug your servo and speed control into your receiver. You can also run your receiver's antenna wire into the antenna tube. Once this is done, you can now install the radio box lid. The gasket attached to the receiver box and the gasket attached to the receiver box lid will squeeze against the servo, speed control, and antenna wires.





:: Wiring Diagrams

Motor and Receiver Wiring:

1. If motor runs in reverse when you apply throttle, unplug any two of the motor wires and switch them.

2. Your Receiver has multiple channel ports for plugs.

   Channel 1 - you should always plug your steering servo into this channel port.

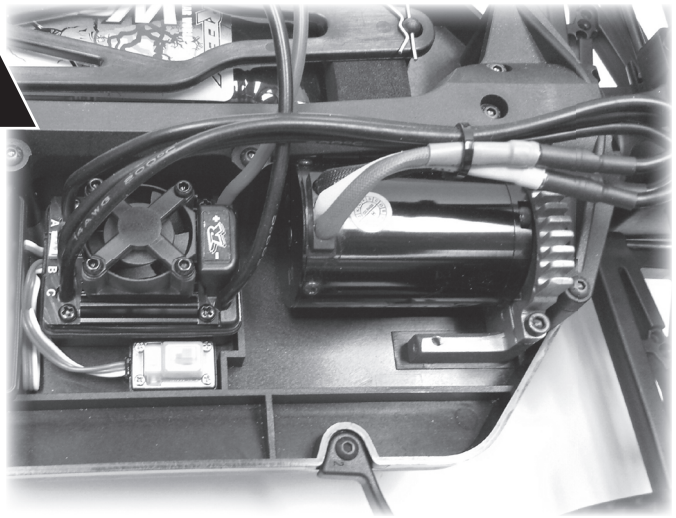
   Channel 2 - you should always plug your speed control (ESC) into this channel port.

   Channel 3 - Used for optional equipment such as fans, lights, ect...

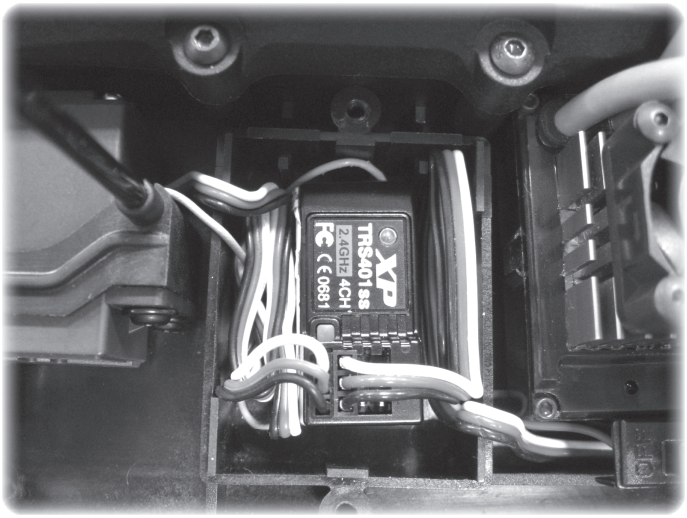
   Batt - Used for optional receiver battery pack. Not used in this model.

Negative black wires on steering servo and speed control plugs should face the outside edge of receiver where channel markers are located.

1



:: Wiring Diagrams - (cont.)



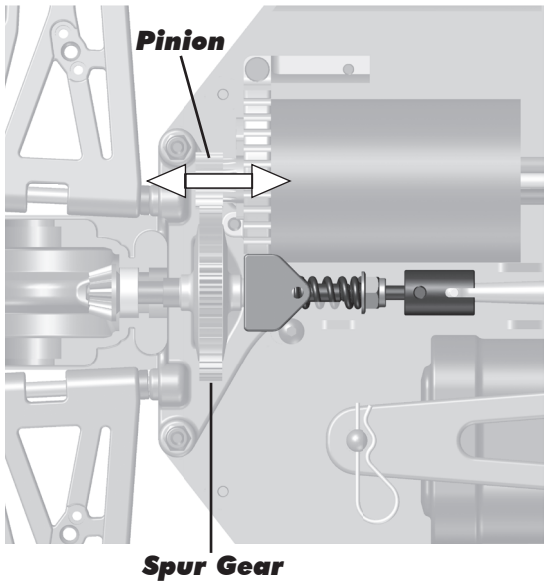
2

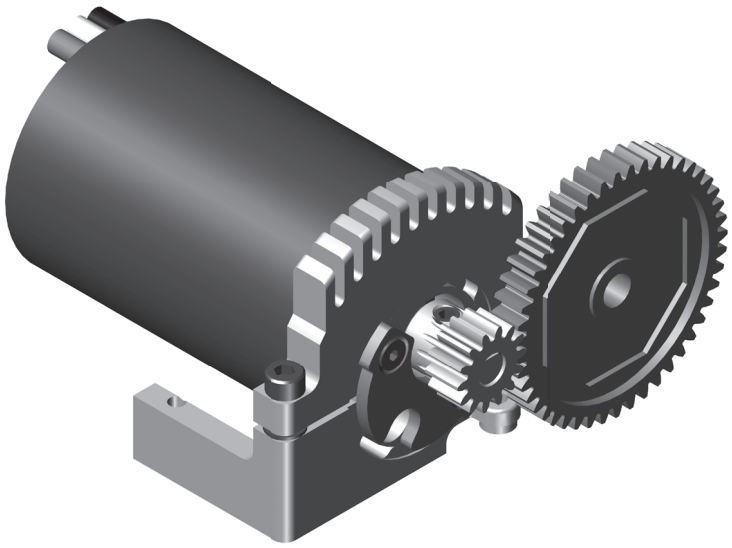
:: Gear Mesh

Gear Mesh:

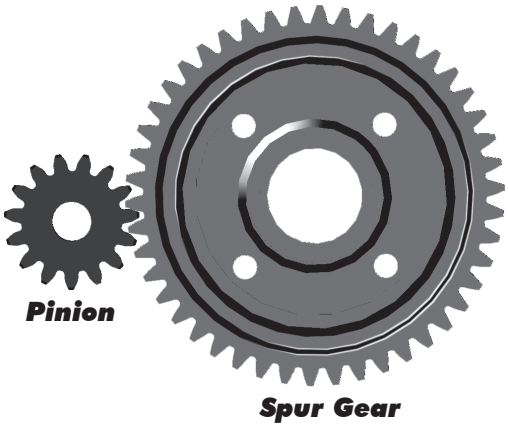
To correctly set your gear mesh, follow the steps below:

1. Remove the Chassis Brace. Loosen the set screw on the motor's pinion gear. Slide the pinion on the motor shaft until the gear face of the pinion is entirely aligned with the gear face of the spur gear (see diagram). Tighten the set screw while ensuring it is aligned with the flat face on the motor shaft.





2. Loosen the motor clamp screw until the motor is able to move freely. Rotate the motor as far as it can go towards the spur gear, ensuring that the teeth of the pinion and the spur gear are interlocking. Slide the motor back (approximately 0.5 mm), and tighten the motor clamp screw. Proper gear mesh has been achieved when the teeth are meshing closely, but the gears still have a small amount of clearance between them. If you hold one gear, you should be able to rock the other gear back and forth a small amount. If there is no clearance, your gear mesh is too tight and you should readjust the motor again.

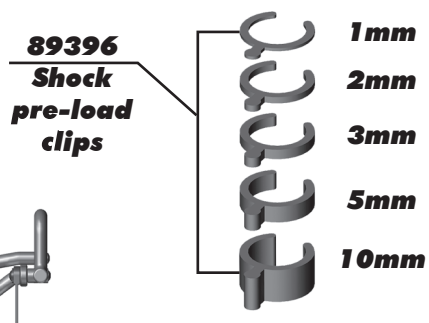


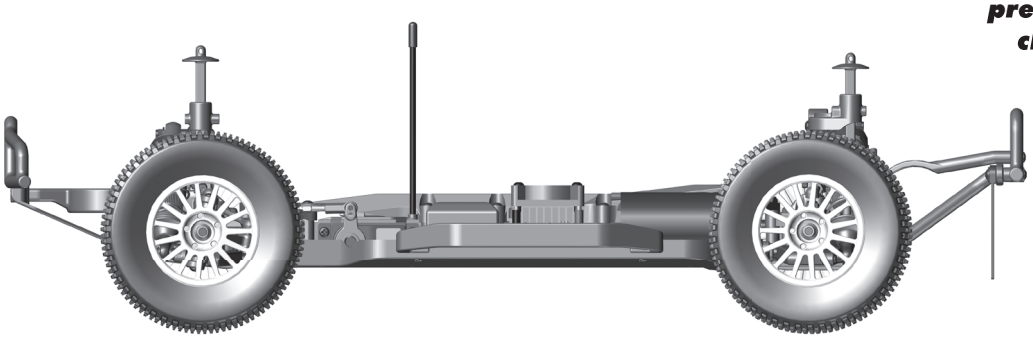
:: Ride Height

Adjusting Ride Height:

Ride height is adjusted by adding and/or removing shock pre-load clips to the front and rear shocks. Stock setting is approximately 35mm front and rear. Check the ride height with the FT Ride Height Gauge (#1449) by lifting up the entire vehicle about 8-12 inches off the bench and drop it. After the suspension "settles" into place, then raise or lower the ride height with the shock clips as necessary and recheck. Getting the front and rear arms level is a good starting point.

Kit Settings:
Front shock: 2mm
Rear shock: 12mm





:: Camber / Toe

Front Camber Angle:

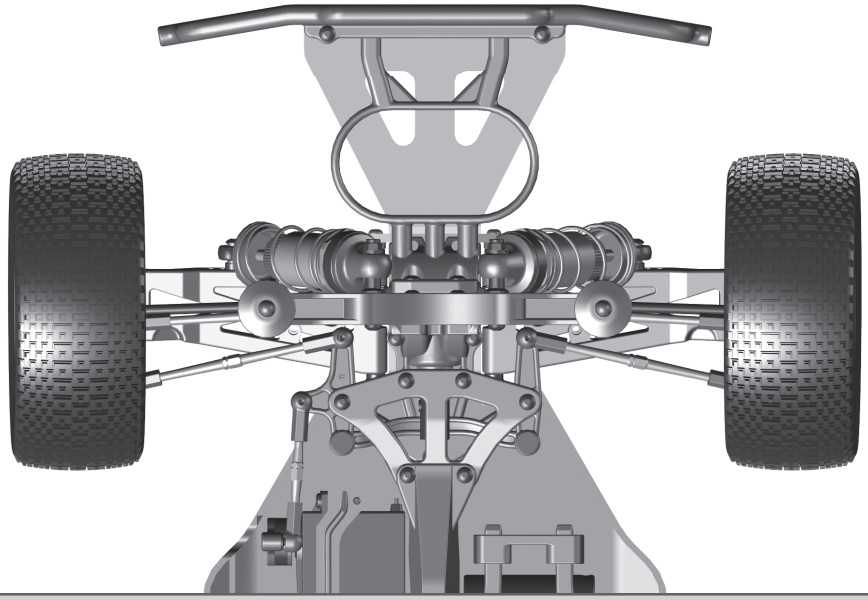
A good starting camber setting is –2 degrees (where the top of the tires lean inwards). Positive camber, where the top of the tire is leaning out, is typically not recommended.

Front Toe-In:

Zero degree toe-in (tires pointing straight forward) is a good starting setting. You can increase steering into corners by adding 1-2 degrees of toe-out (front of tires point slightly outward). Front toe - in is not a typical tuning adjustment used.

Rear Camber:

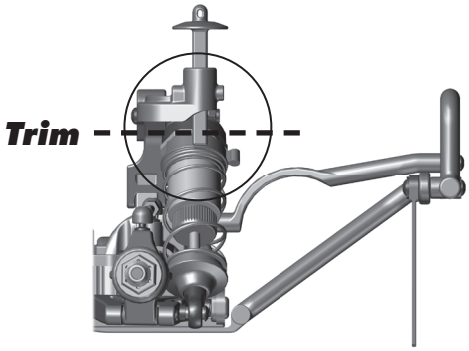
A good starting camber setting is –2 degrees. Use #1719 camber gauge (not included) to set your camber. Adding a small amount of positive camber, where the top of the tire is leaning out, will tend to improve straight-line acceleration on loose tracks.



:: Body Post Adjustments

Body Post Trimming:

When adjusting body post height, you may need to trim the body posts to clear the rear shocks. Check for clearance by compressing the suspension arm and look for interferencs.

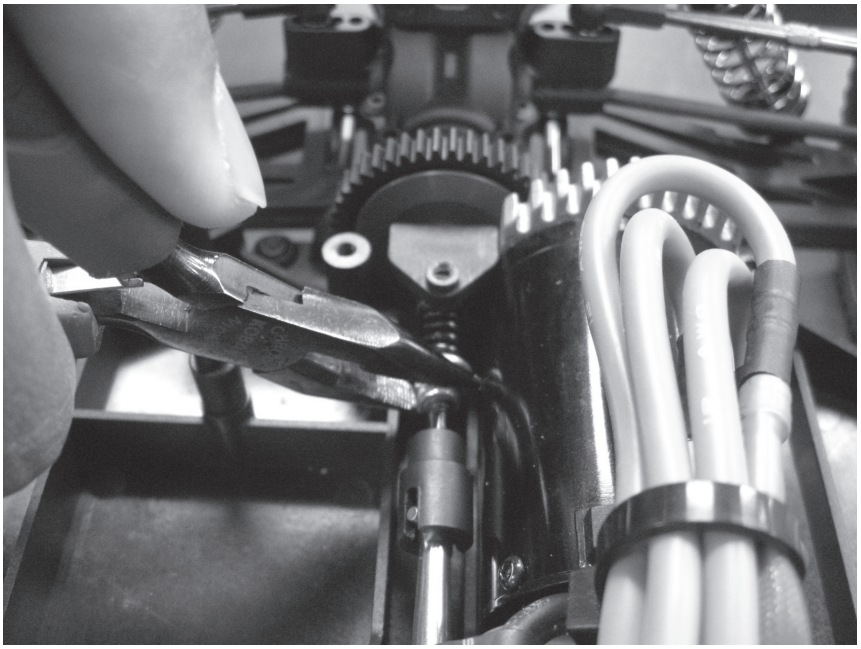


:: Slipper Adjustments

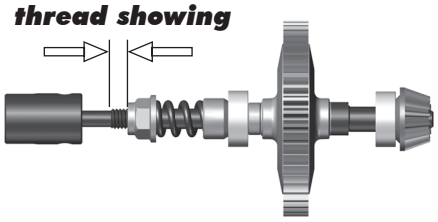
Adjusting the Slipper:

To adjust the slipper, use a 7mm open end wrench or some pliers to grip the slipper nut. Roll the vehicle forward to tighten the slipper, roll the vehicle backwards to loosen the slipper.

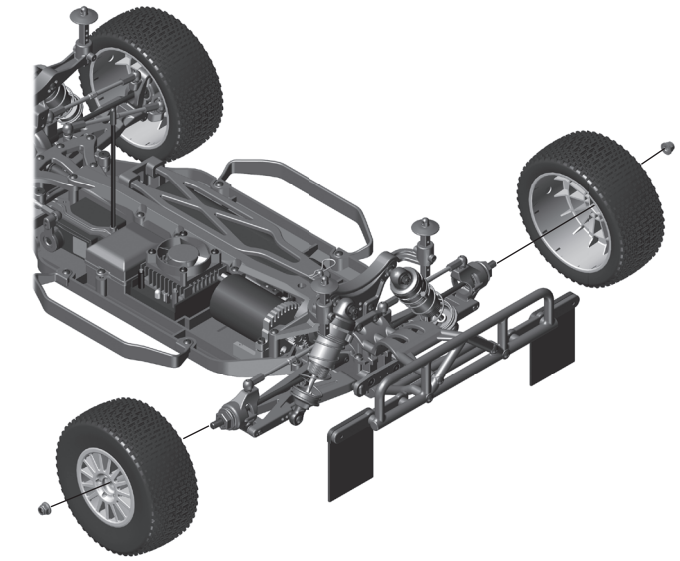
TIP: for easier slipper adjustment, remove the chassis brace, battery brace, and battery as shown!

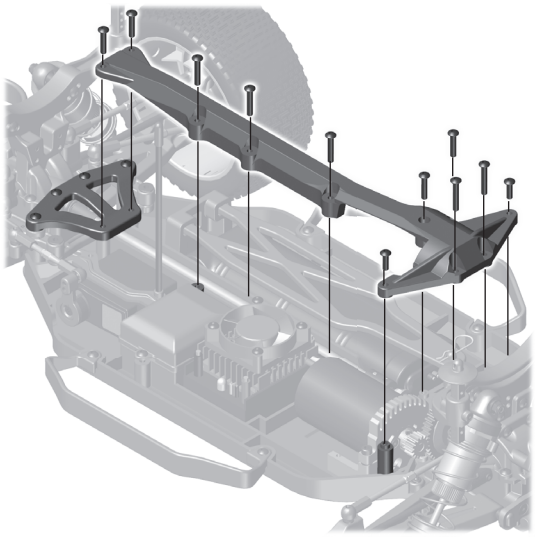


3.5mm-4.0mm of thread showing



:: Spur Gear Access





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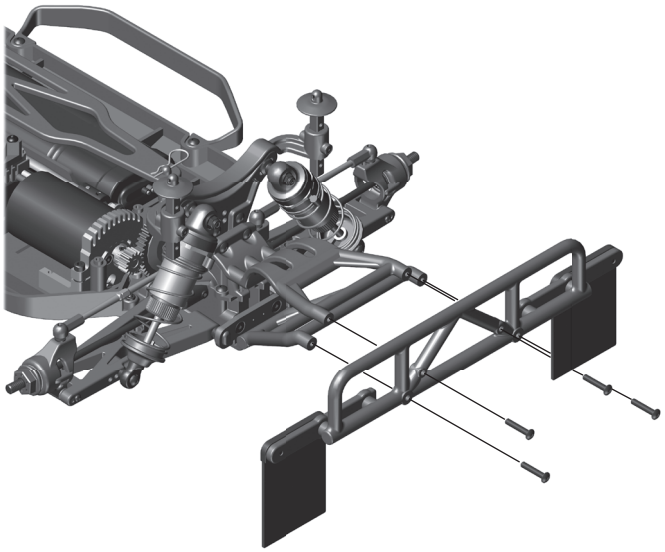

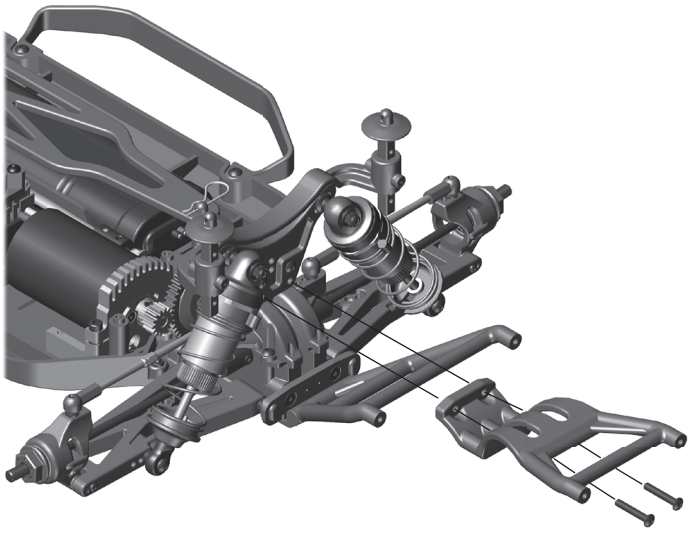

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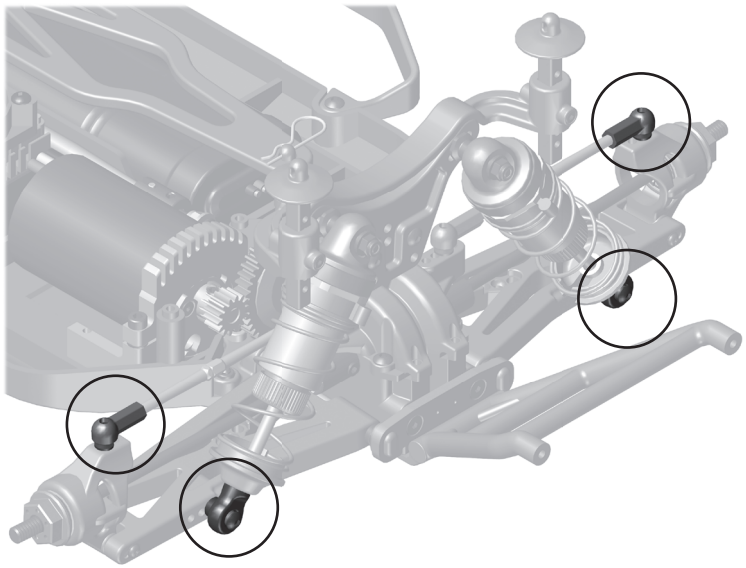
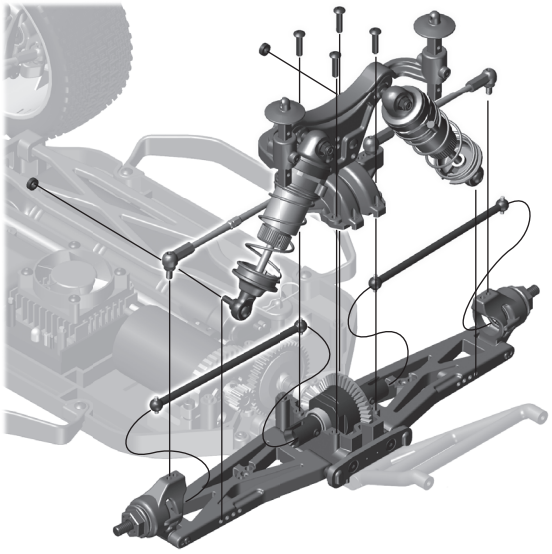


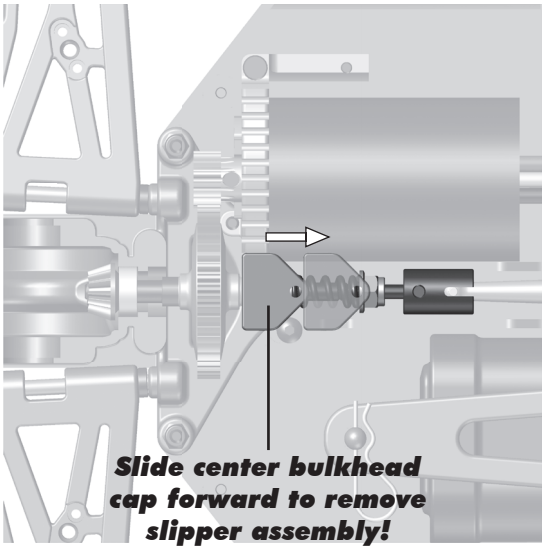
Rear Shock Tower Removal:

Loosen the hardware highlighted in order to remove the shock tower with the shocks and camber turnbuckles attached as one complete piece.

The dogbones will come out when the shock tower is removed. Make sure you replace them when re-installing the rear shock tower!

:: Spur Gear Access - (cont.)





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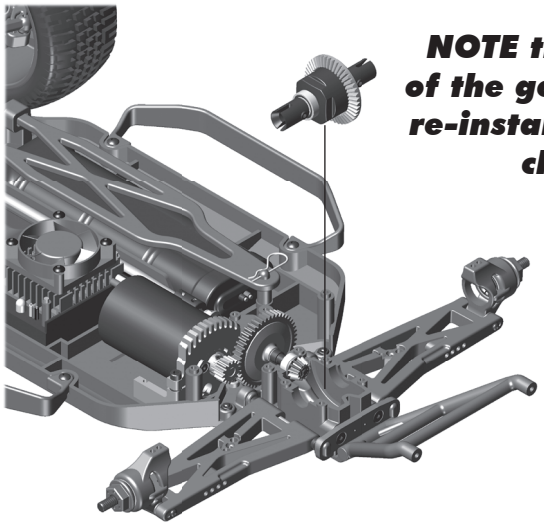
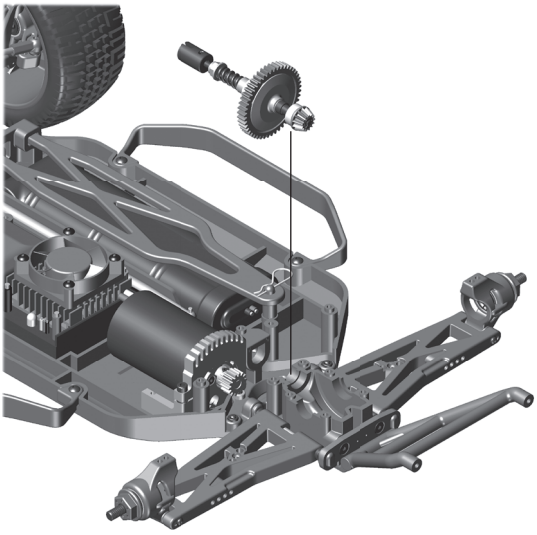


NOTE the direction of the gear diff when re-installing into the chassis!

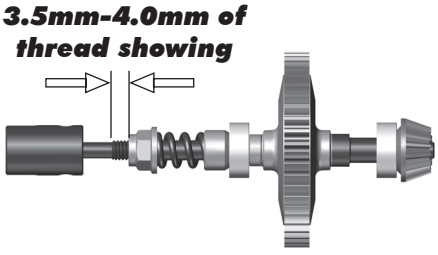


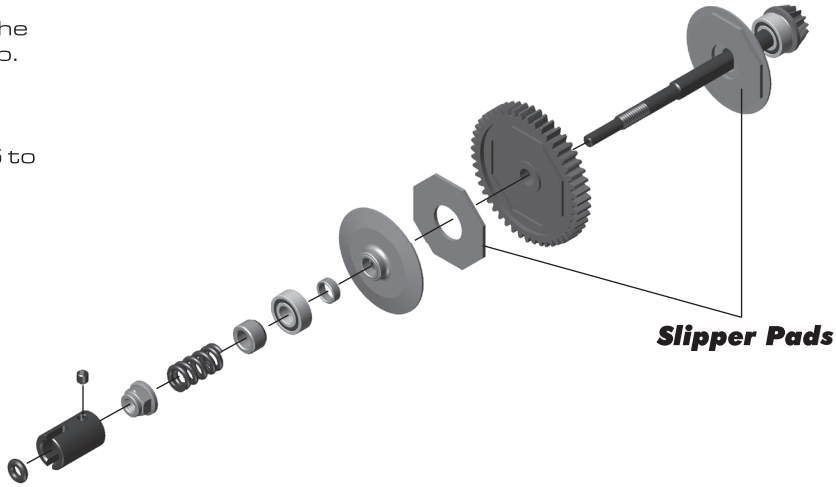
:: Spur Gear Access - (cont.)

Spur Gear Maintenance:

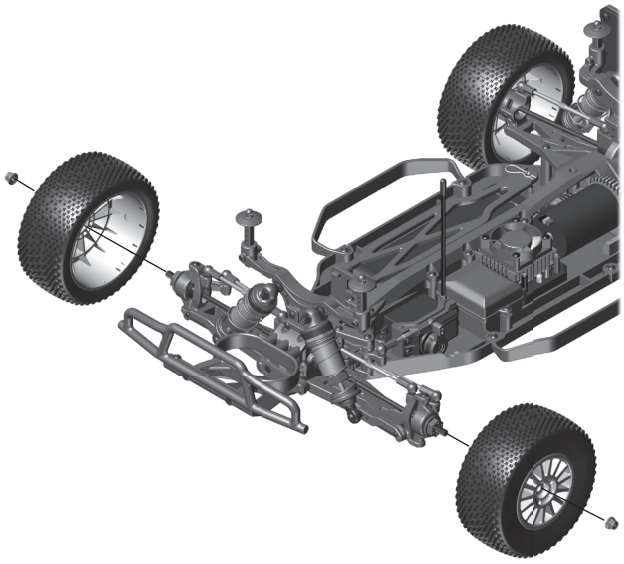
When accessing your spur gear, check for wear on the teeth of the gear. The teeth should be nice and sharp. Also, check the slipper pads for wear. Replace if necessary.

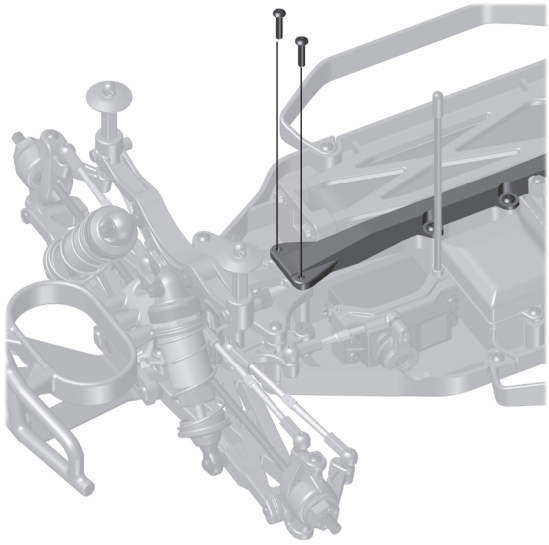
A good starting point for slipper setup is to have 3.5 to 4.0mm of thread showing on the shaft.





:: Front Diff Access





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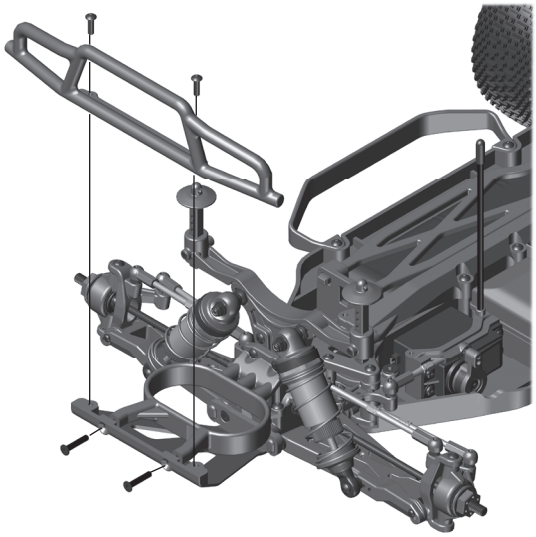
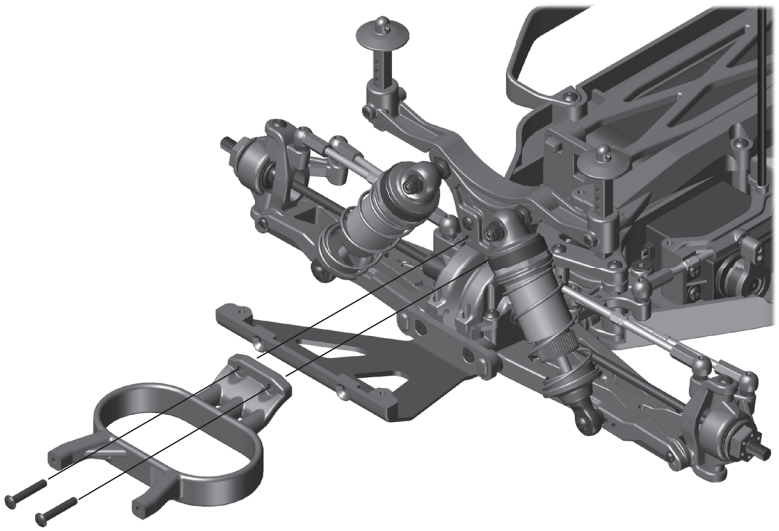


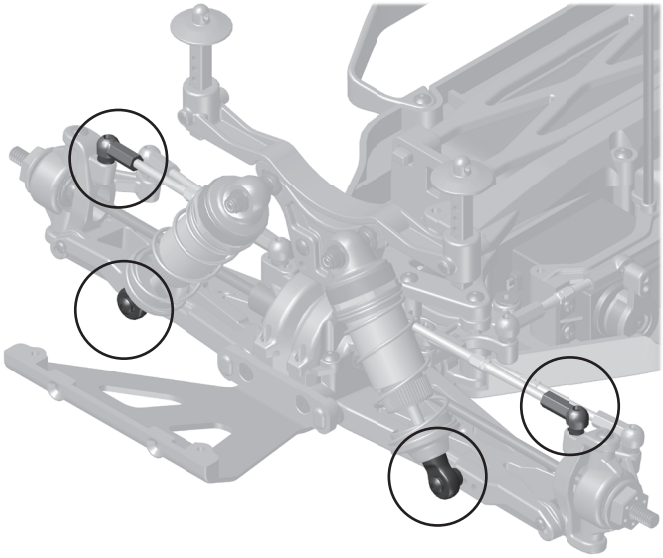


:: Front Diff Access - (cont.)

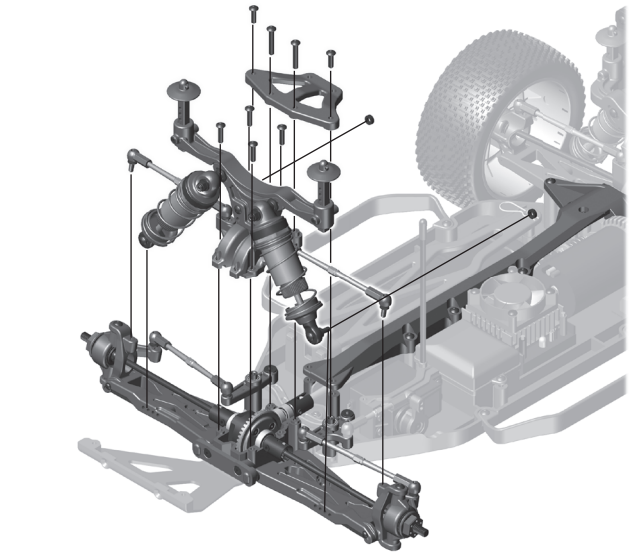
Front Shock Tower Removal:

Loosen the hardware highlighted in order to remove the shock tower with the shocks and camber turnbuckles attached as one complete piece.

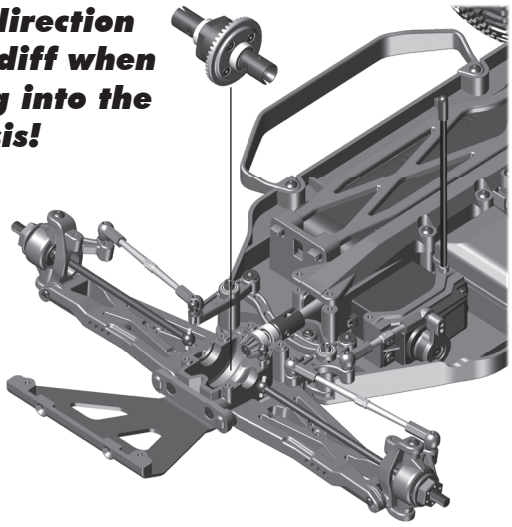
Make sure you re-install the CVA bones into the diff outdrives when re-installing the front shock tower!



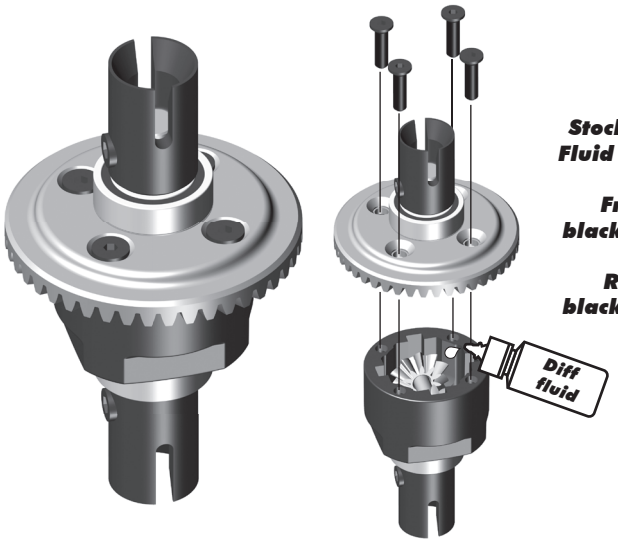
:: Front Diff Access - (cont.)



NOTE the direction of the gear diff when re-installing into the chassis!



:: Diff Maintenance



Stock Shock Fluid Setting:

Front: black grease

Rear: black grease

Differential Maintenance:

Once you have removed the Diff gear, you can now drain the existing diff fluid from the differential.

Check the diff gasket for wear or damage. Replace if necessary

Fill the diff to the top of the cross pin with your choice of diff fluids.

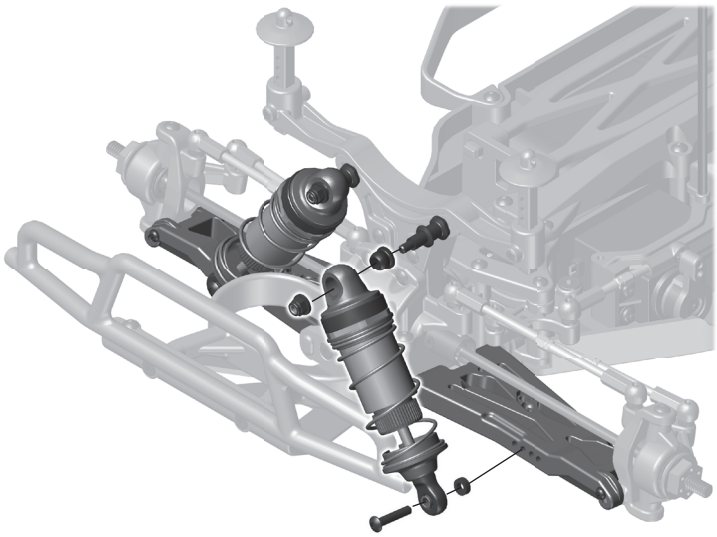
Front Diff:

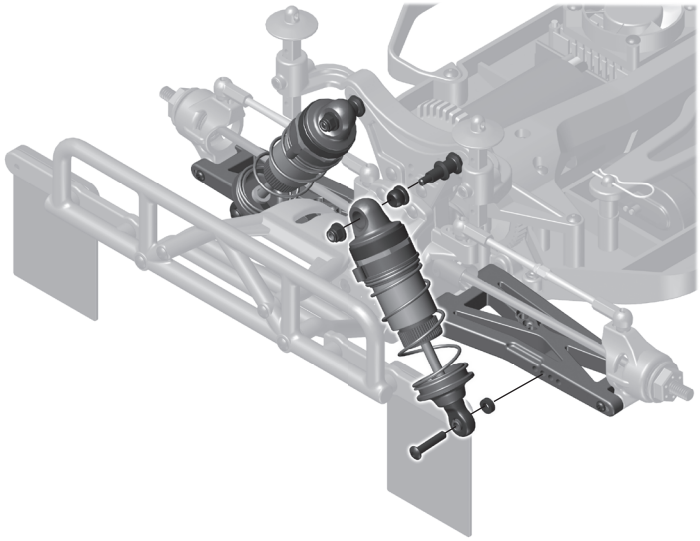
Thicker oil will get less low speed steering and better acceleration out of turns.

Rear Diff:

Thicker oil will rotate less in the turns and accelerate straight on power. Thinner oil will give more low speed traction.

:: Shock Maintenance





:: Shock Maintenance - (cont.)

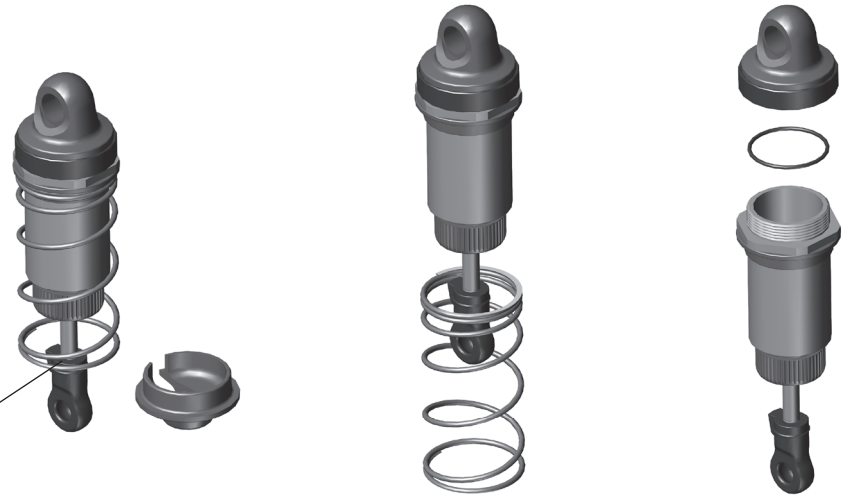
Shock Maintenance:

If you need to only refill your shocks with oil, follow the steps above only then move to the shock bleeding steps.

If your shocks leak from the bottom shock cap, follow all shock maintenance sections.

Replace the inner O-Ring in the bottom cap, then begin the shock oil filling and bleeding process.

NOTE:
When re-installing the shock spring cup, make sure any outer limiters go above the shock spring cup!

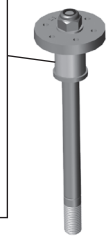


:: Shock Maintenance - (cont.)

Stock Shock Internal Limiter Setting:

Front:
One 1mm limiter
Four 2mm Limiters

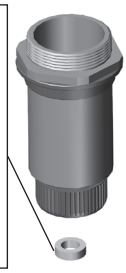
Rear:
No limiters



Stock Shock External Limiter Setting:

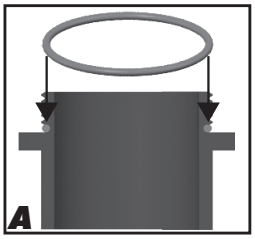
Front:
No limiters

Rear:
One 2mm limiter



Filling Your Shocks:

A) Add a drop or two of shock fluid to the shock cap O-ring and shock body threads. Then slide the O-ring over the threads on the shock body. Press the O-ring all the way down to the bottom of the threads.

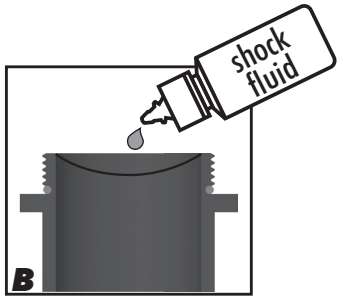


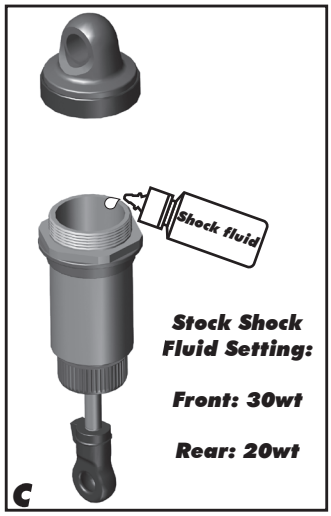
:: Shock Maintenance - (cont.)

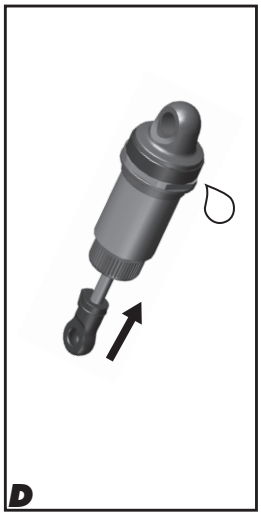
B) Fill your shocks to the top of the sides with shock fluid. Do not over fill the shock with oil.

C) Thread the shock cap onto the shock body. These are emulsion style shocks, initially there will be air at the top of the shock.

D) You should be able to compress the shaft into the shock all the way. If you cannot, you have added too much shock fluid. Unscrew the cap 3/4 turn and tilt the shock at a slight angle. Slowly compress the shaft to push out excess oil and tighten the cap.

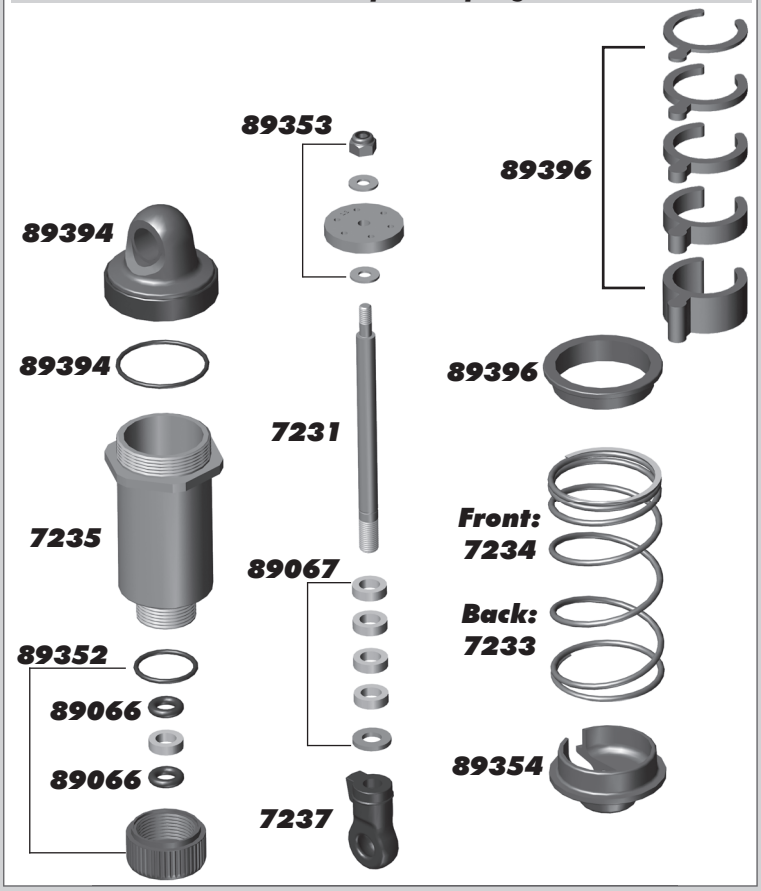






:: Shocks

7231	4x25mm Shock Shaft (Pro SC)	2
7232	16mm Shock Spring, White 3.0lbs	2
7233	16mm Shock Spring, Shiny Black 3.8lbs - Kit Rear	2
7234	16mm Shock Spring, Black 4.6lbs - Kit Front	2
7235	16x25mm Molded Shock Body	2
7236	16x25mm Molded Shock Kit	1
7237	16mm Shock Rod End/Ball	4ea
89066	Shock O-Ring	8
89067	Shock Limiter Set	1
89352	16mm Shock Rebuild Kit, rebuild 4 shocks	1
89353	16mm Shock Piston Kit	1
89354	16mm Shock Spring Cup	4
89394	16mm Molded Shock Caps w/ O-Rings	4ea
89396	16mm RTR Preload Clips and Spring Collar	4ea

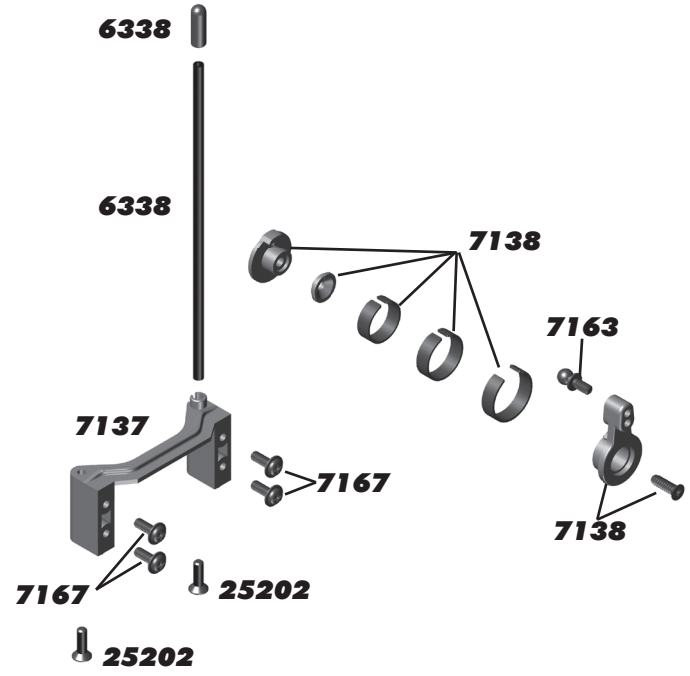


:: Shock Fluid

5420	10 Weight Silicone Shock Fluid	2oz.
5421	20 Weight Silicone Shock Fluid	2oz.
5422	30 Weight Silicone Shock Fluid	2oz.
5423	40 Weight Silicone Shock Fluid	2oz.
5424	22.5 Weight Silicone Shock Fluid	2oz.
5425	80 Weight Silicone Shock Fluid	2oz.
5426	27.5 Weight Silicone Shock Fluid	2oz.
5427	15 Weight Silicone Shock Fluid	2oz.
5428	25 Weight Silicone Shock Fluid	2oz.
5429	35 Weight Silicone Shock Fluid	2oz.
5430	45 Weight Silicone Shock Fluid	2oz.
5431	55 Weight Silicone Shock Fluid	2oz.
5432	32.5 Weight Silicone Shock Fluid	2oz.
5433	37.5 Weight Silicone Shock Fluid	2oz.
5434	42.5 Weight Silicone Shock Fluid	2oz.
5435	50 Weight Silicone Shock Fluid	2oz.
5436	60 Weight Silicone Shock Fluid	2oz.
5437	70 Weight Silicone Shock Fluid	2oz.
5438	47.5 Weight Silicone Shock Fluid	2oz.

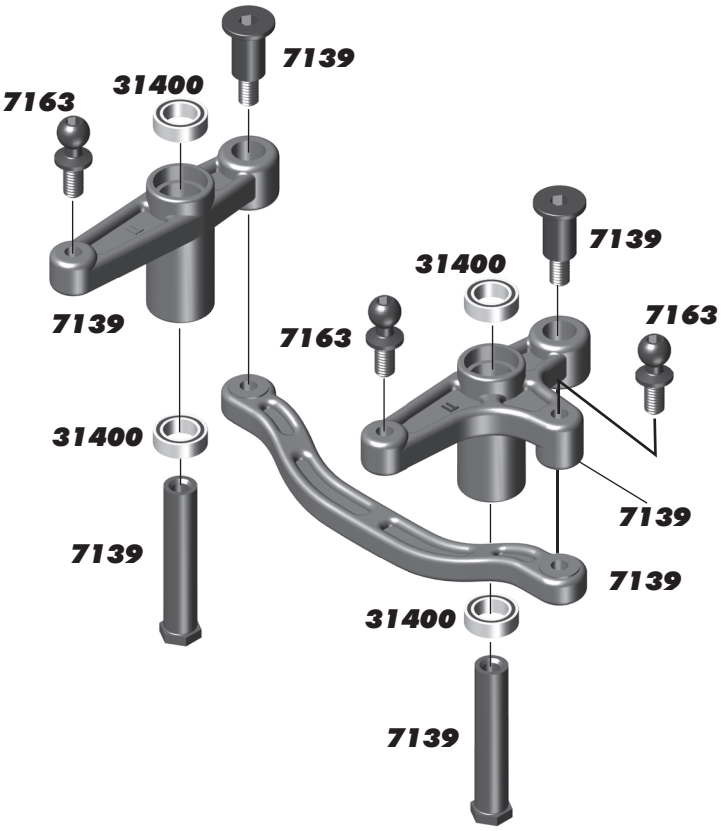
:: Servo Saver/Mount

6338	Antenna Tube w/Cap	1
7137	Servo Mount	1
7138	Servo Saver	1
7163	Ball Stud, (3 short/7 long) Set	1
7167	Tap Screw BHPS	10
25202	M3x10mm FHCS	20



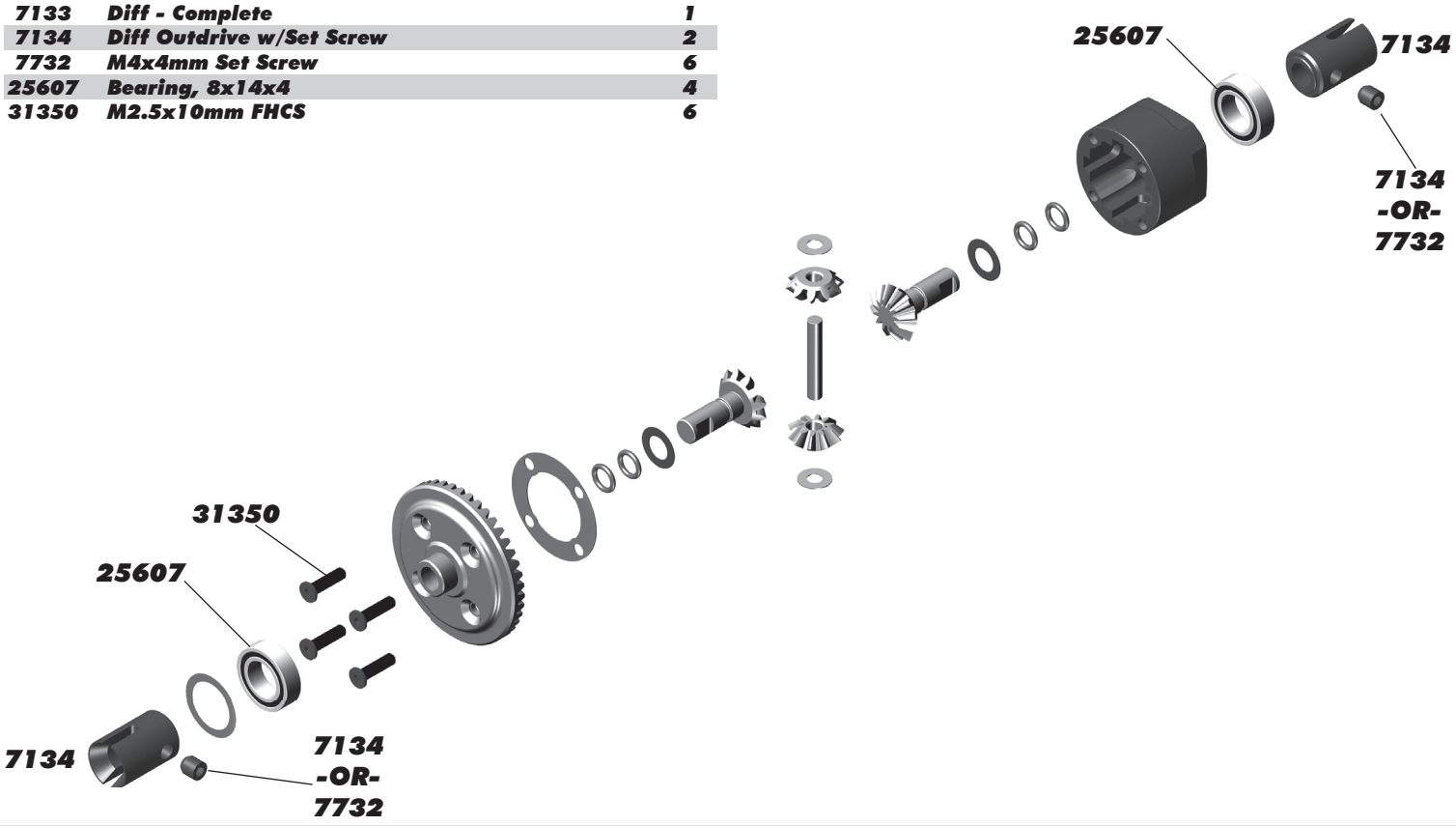
:: Steering

7139	Bellcrank Assembly, Set	1
7163	Ball Stud, (3 short/7 long) Set	1
31400	Bearing, 5x8mm	2



:: Front and Rear Gear Differential

7133	Diff - Complete	1
7134	Diff Outdrive w/Set Screw	2
7732	M4x4mm Set Screw	6
25607	Bearing, 8x14x4	4
31350	M2.5x10mm FHCS	6



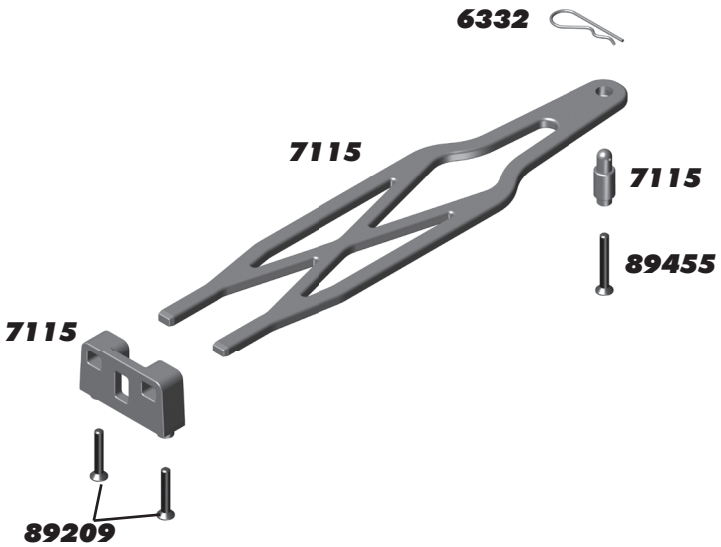
:: Lubes & Adhesives / Decals / Misc.

1105	FT Green Slime Shock Lube	1
1596	FT Locking Adhesive	1
1597	FT Tire Adhesive, Medium	1
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
5456	Silicone Diff Fluid 20000cst	1
5457	Silicone Diff Fluid 30000cst	1
5458	Silicone Diff Fluid 60000cst	1
5459	Silicone Diff Fluid 100000cst	1
6588	Black Grease - 4cc	1
6591	S.Diff Lube - 4cc	1
6636	Silicone Grease - 4cc	1
6727	Servo Tape	2
716	Reedy 2009 Sticker Set	1
717	Reedy Powered Logo Decal	1
3816	American Bumper Sticker	1
3820	AE Logo Decal Sheet	1
3834	AE Blue Embossed Logo Sticker	2

1596

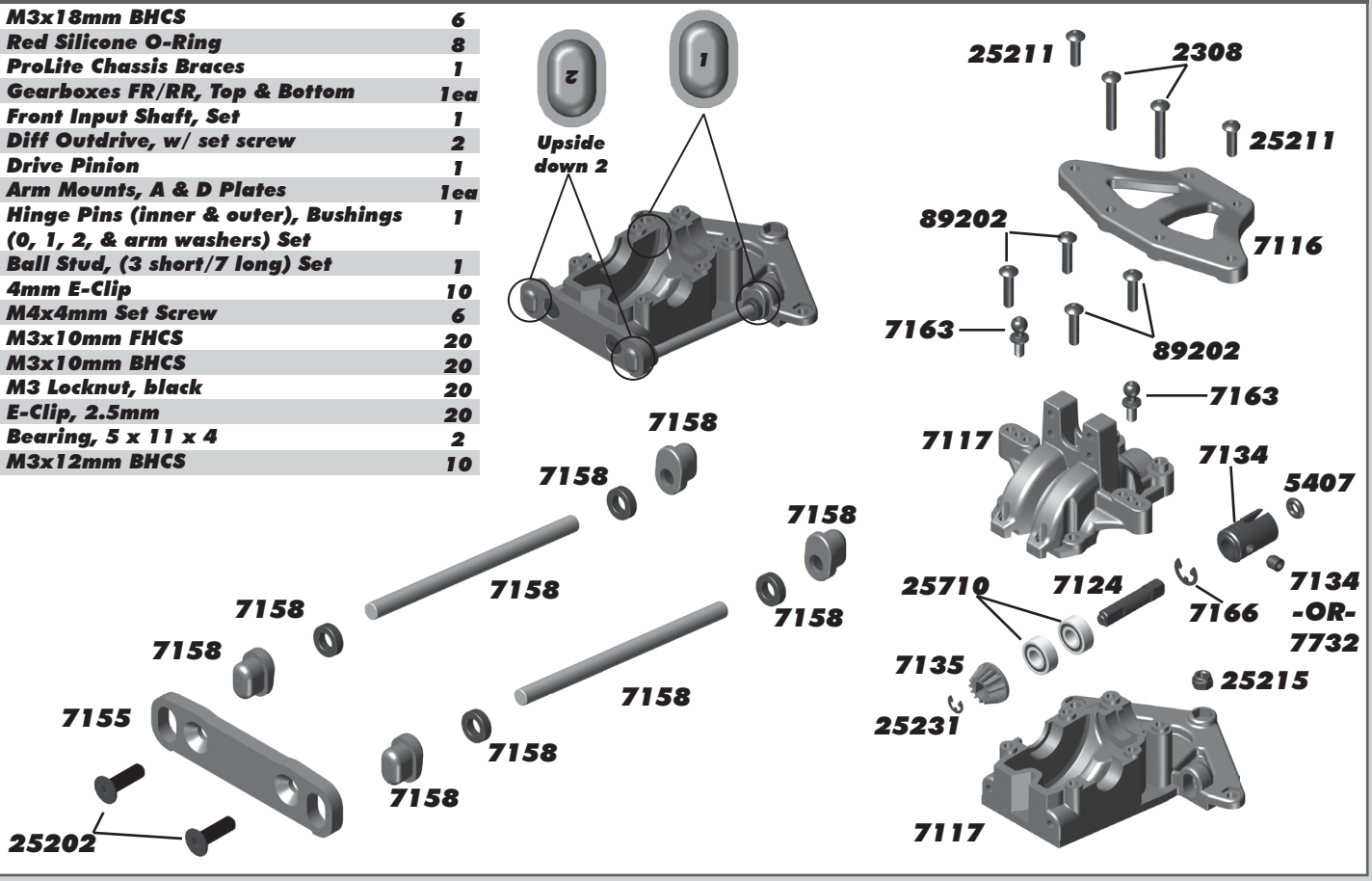
:: Battery Strap

6332	Body Clips	6
7115	Battery Strap w/Wall & Post, Set	1
89209	M3x18mm FHCS	10
89455	M3x22mm FHCS	10



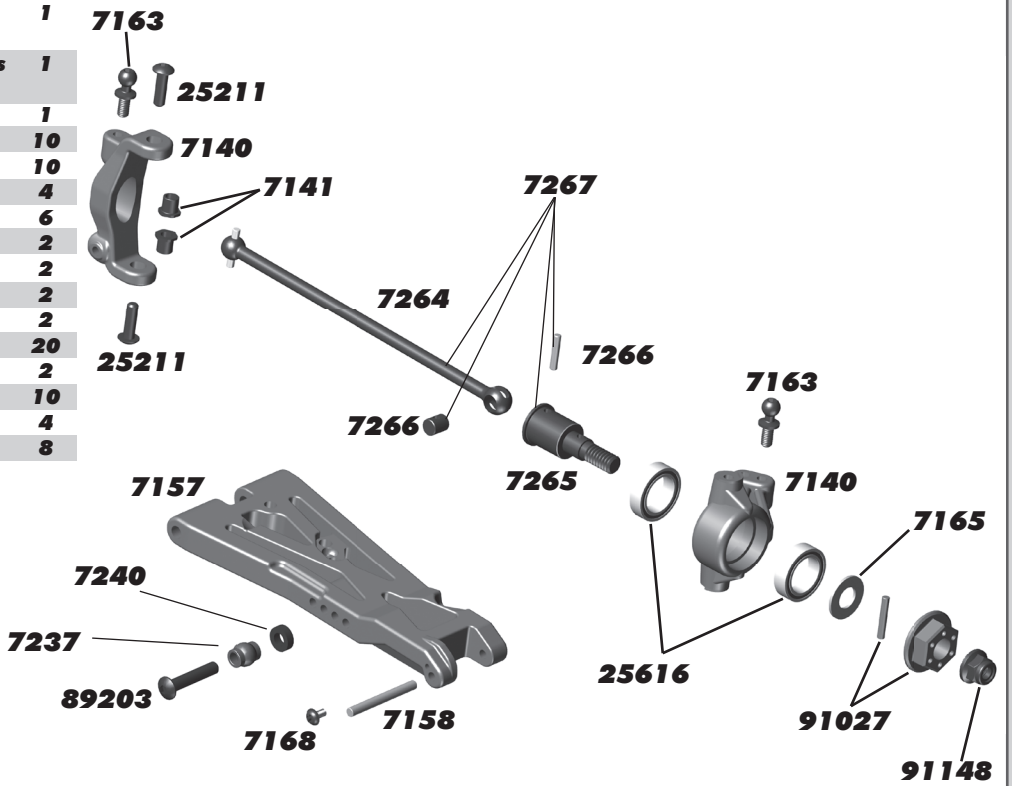
:: Front Gearbox

2308	M3x18mm BHCS	6
5407	Red Silicone O-Ring	8
7116	ProLite Chassis Braces	1
7117	Gearboxes FR/RR, Top & Bottom	1ea
7124	Front Input Shaft, Set	1
7134	Diff Outdrive, w/ set screw	2
7135	Drive Pinion	1
7155	Arm Mounts, A & D Plates	1ea
7158	Hinge Pins (inner & outer), Bushings (0, 1, 2, & arm washers) Set	1
7163	Ball Stud, (3 short/7 long) Set	1
7166	4mm E-Clip	10
7732	M4x4mm Set Screw	6
25202	M3x10mm FHCS	20
25211	M3x10mm BHCS	20
25215	M3 Locknut, black	20
25231	E-Clip, 2.5mm	20
25710	Bearing, 5 x 11 x 4	2
89202	M3x12mm BHCS	10



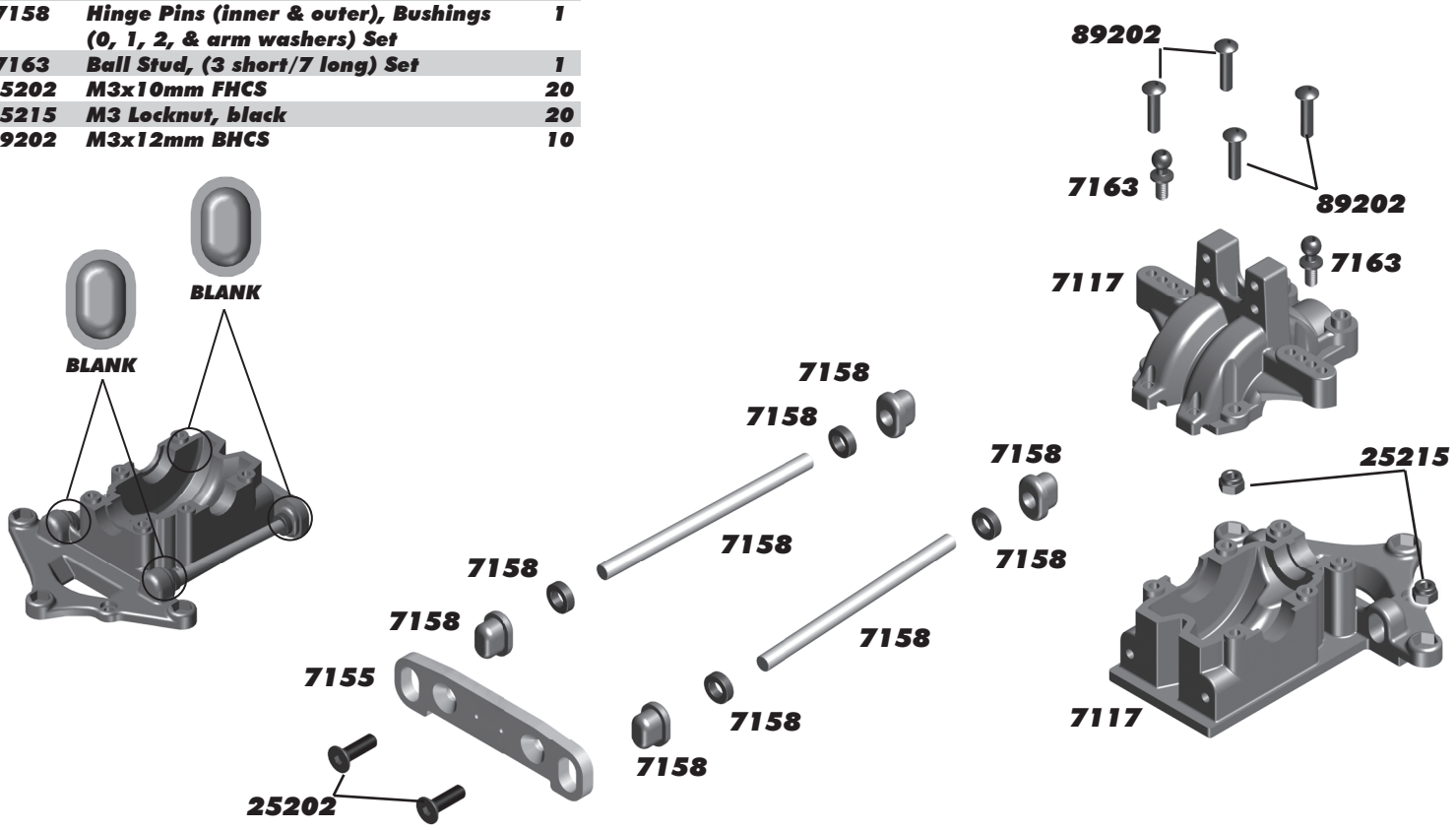
:: Front Suspension

7140	Steering & Caster Blocks	2ea
7141	Steering Block Bushing	4
7157	Front Arms w/arm washers (4) & M2x4mm BHPS screws (2), Set	1
7158	Hinge Pins (inner & outer), Bushings (0, 1, 2, & arm washers) Set	1
7163	Ball Stud, (3 short/7 long) Set	1
7165	Washer, 6x12mm	10
7168	M2x4mm BHPS, Flanged	10
7237	16mm Suspension Ball	4
7240	6x3x2mm Steel Washer	6
7264	Pro SC 4x4 CVA Bone V2	2
7265	Pro SC 4x4 CVA Axle V2	2
7266	Pro SC 4x4 CVA Coupler V2	2
7267	Pro SC 4x4 CVA Kit V2	2
25211	M3x10mm BHCS	20
25616	Bearing, 10x15x4	2
89203	M3x16mm BHCS	10
91027	4x4 Wheel Hex w/Hardware	4
91148	M4 Locknut, w/Flange & Knurl	8



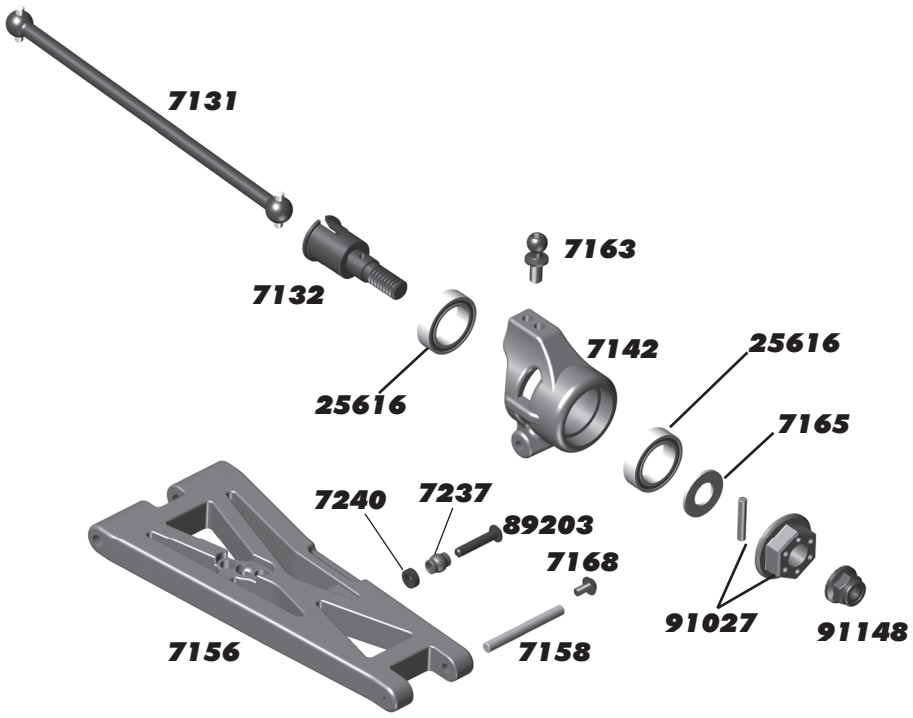
:: Rear Gearbox

7117	Gearboxes FR/RR, Top & Bottom	1ea
7155	Arm Mounts, A & D Plates	1ea
7158	Hinge Pins (inner & outer), Bushings (0, 1, 2, & arm washers) Set	1
7163	Ball Stud, (3 short/7 long) Set	1
25202	M3x10mm FHCS	20
25215	M3 Locknut, black	20
89202	M3x12mm BHCS	10



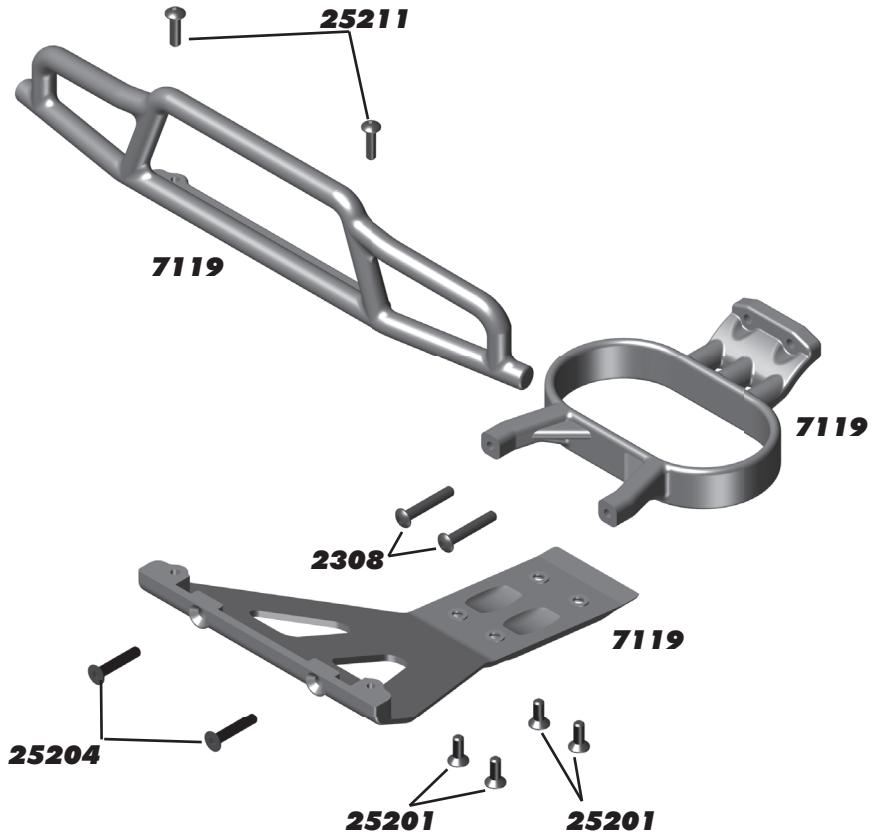
:: Rear Suspension

7131	Dogbone (RR)	2
7132	Axle/Dogbone	2ea
7142	Hub Carrier	2
7156	Rear Arms w/arm washers (4) & M2x4mm BHPS screws (2), Set	1
7163	Ball Stud, (3 short/7 long) Set	1
7158	Hinge Pins (inner & outer), Bushings (0, 1, 2, & arm washers) Set	1
7165	Washer, 6x12mm	10
7168	M2x4mm BHPS, Flanged	10
7237	16mm Suspension Ball	4
7240	6x3x2mm Steel Washer	6
25616	Bearing, 10x15x4	2
89203	M3x16mm BHCS	10
91027	4x4 Wheel Hex w/Hardware	4
91148	M4 Locknut, w/Flange & Knurl	8



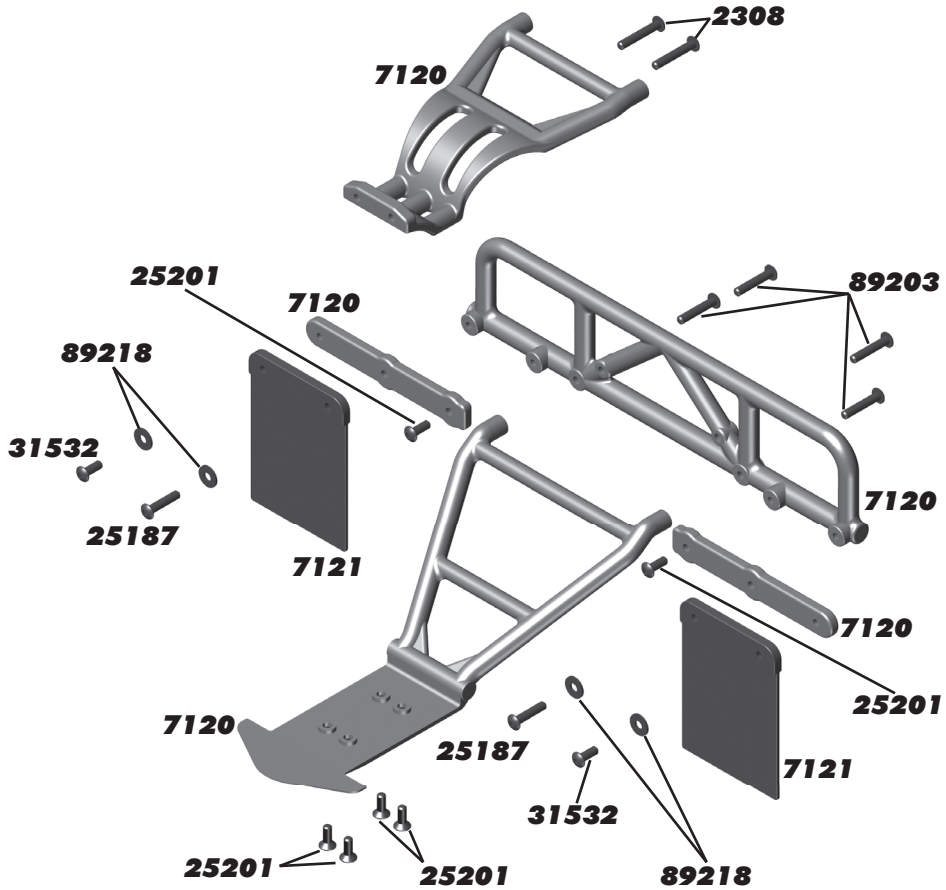
:: Front Bumper

2308	M3x18mm BHCS	6
7119	Front Bumper, Set	1
25201	M3x8mm FHCS	20
25204	M3x16mm FHCS	20
25211	M3x10mm BHCS	20



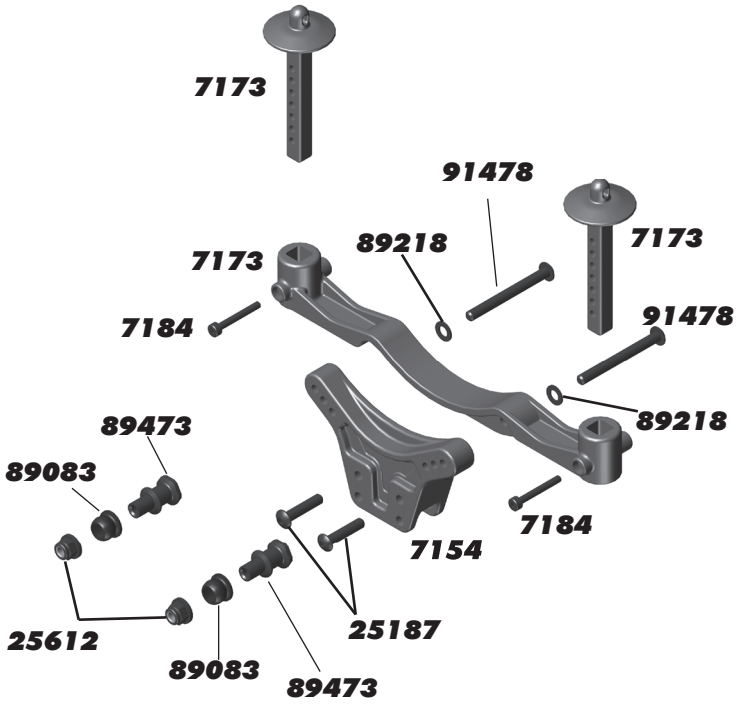
:: Rear Bumper

2308	M3x18mm BHCS	6
7120	Rear Bumper, Set	1
7121	ProLite Mud Flaps	2
25187	M3x14mm BHCS	20
31532	M3x8mm FHCS	6
89203	M3x16mm BHCS	10
89218	Washer, 3x8mm	10



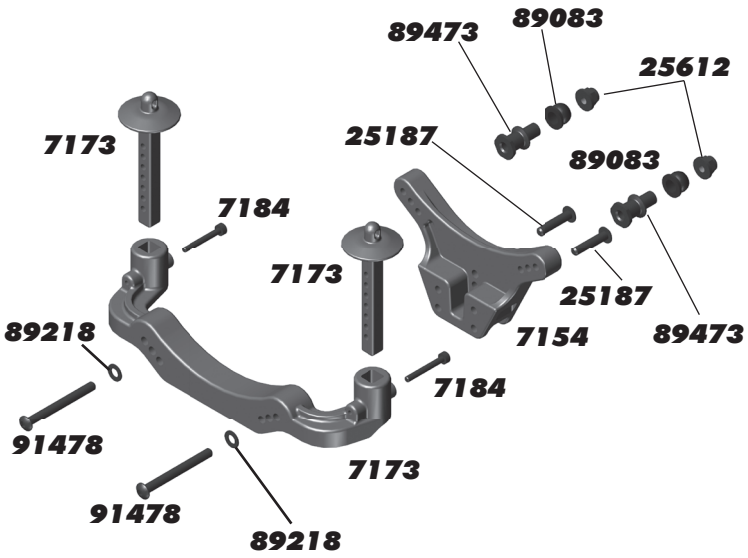
:: Front Shock Tower

7154	Shock Tower, Front & Rear	1ea
7173	Pro Rally Body Mount Set	1
7184	M2x16mm SHCS	10
25187	M3x14mm BHCS	20
25612	M3 Locknut with Flange, black	20
89083	Shock Bushing	4
89218	Washer, 3x8mm	10
89473	Shock Standoff, steel	2
91478	M3x30mm BHCS	6



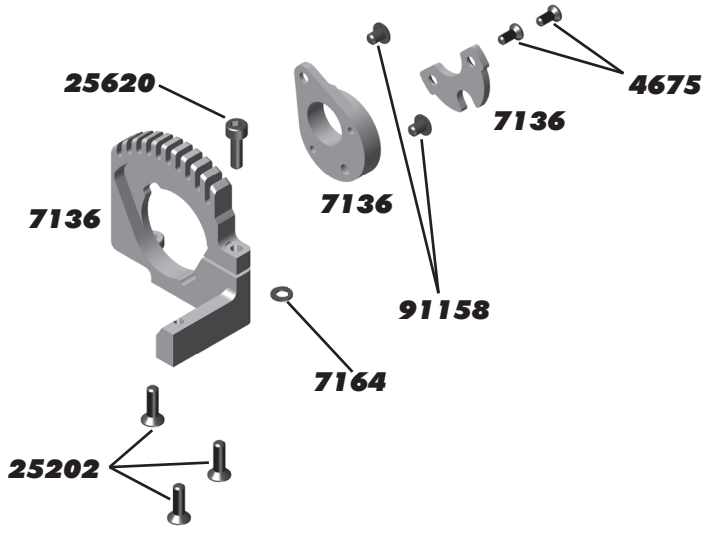
:: Rear Shock Tower

7154	Shock Tower, Front & Rear	1ea
7173	Pro Rally Body Mount Set	1
7184	M2x16mm SHCS	10
25187	M3x14mm BHCS	20
25612	M3 Locknut with Flange, black	20
89083	Shock Bushing	4
89218	Washer, 3x8mm	10
89473	Shock Standoff, steel	2
91478	M3x30mm BHCS	6



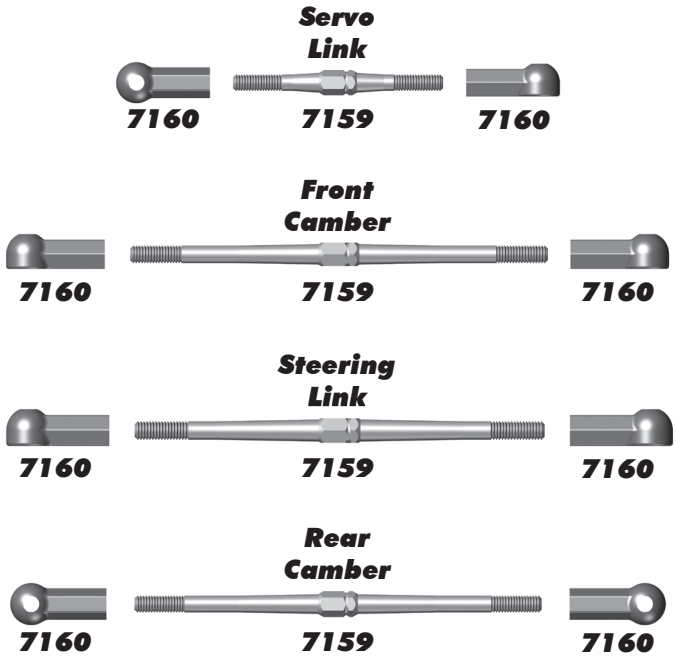
:: Motor Mount

4675	M2.5x6mm FHCS	6
7136	Motor Mount Set	1
7164	Washer, 3x6x0.5mm	10
25202	M3x10mm FHCS	20
25620	M3x10mm SHCS	20
91158	M3x4mm BHCS	10



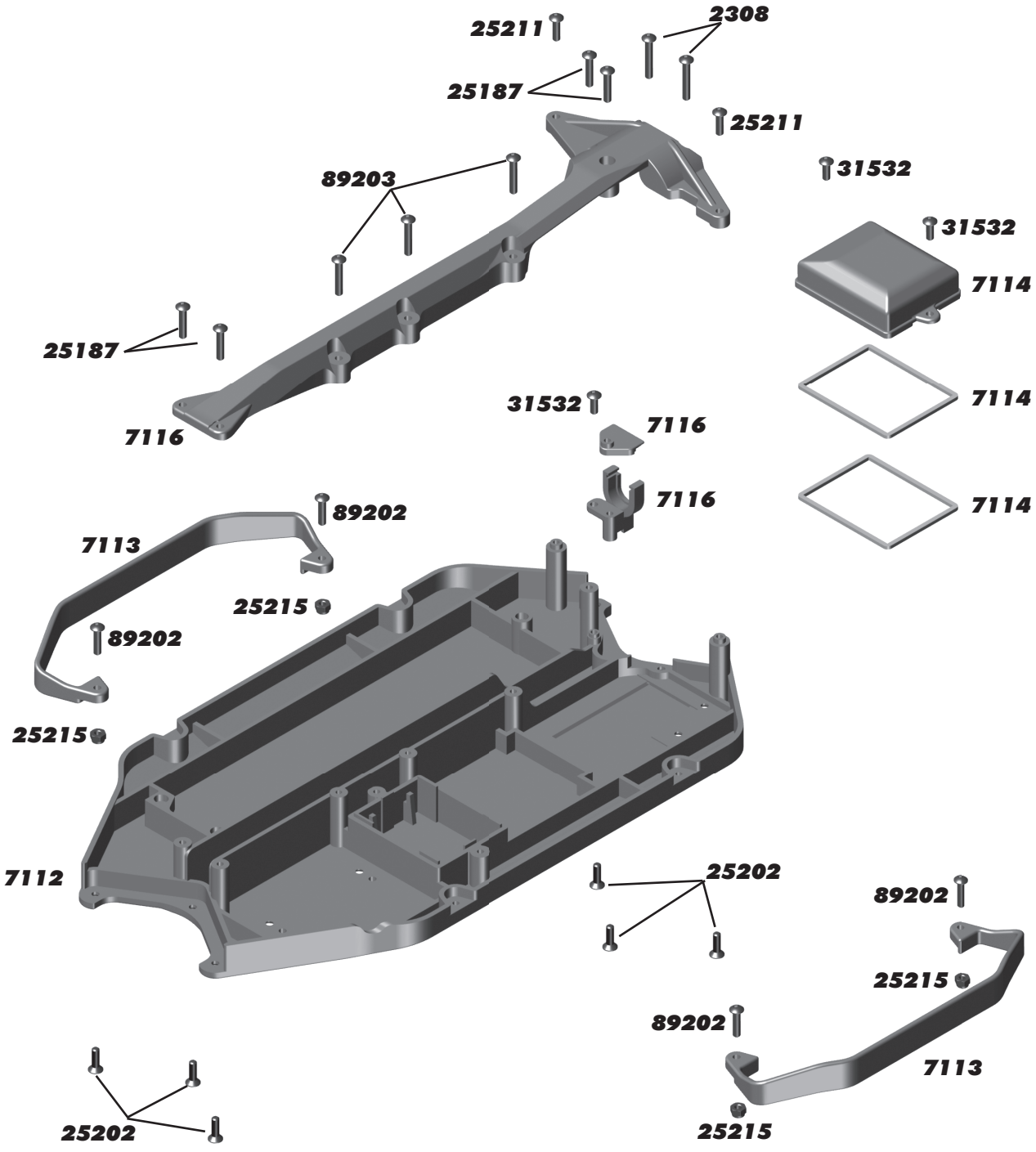
:: Turnbuckles

7159	ProLite Turnbuckle Set w/ Ball Cups	1
7160	ProLite Ball Cups	14



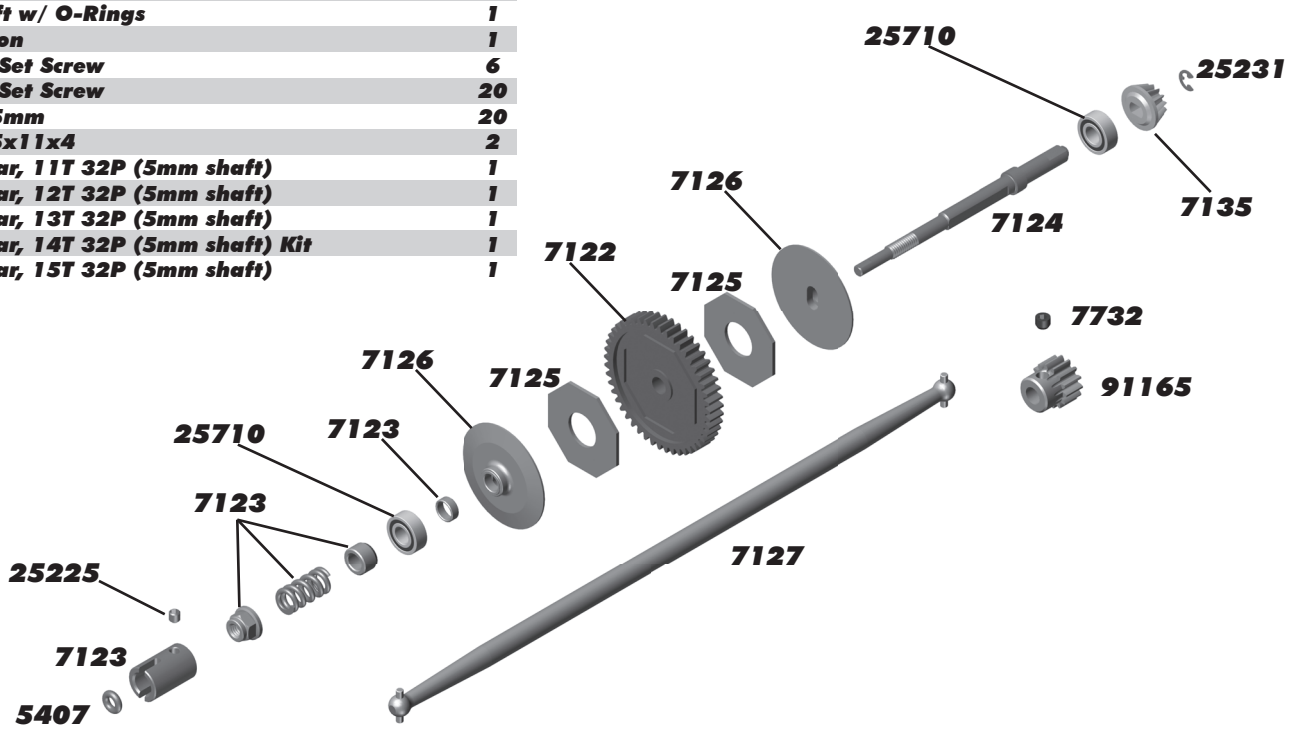
:: Chassis

2308	M3x18mm BHCS	6
7112	ProLite Chassis	1
7113	Nerf Bars	2
7114	Receiver Box w/Gaskets	1
7116	ProLite Chassis Braces	1
25187	M3x14mm BHCS	20
25202	M3x10mm FHCS	20
25211	M3x10mm BHCS	20
25215	M3 Locknut, black	20
31532	M3x8mm BHCS	6
89202	M3x12mm BHCS	10
89203	M3x16mm BHCS	10



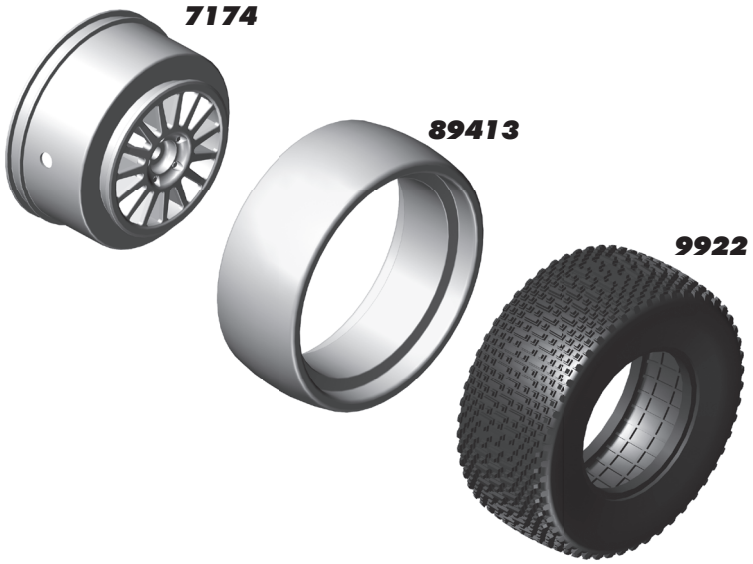
:: Slipper, Spur Gear, Pinion, and Drive Shaft

5407	Red Silicone O-Ring	8
7122	Spur Gear 32P, 47T	1
7123	Slipper Hardware, Kit	1
7124	Slipper Shaft	1
7125	Slipper Pads	2
7126	Slipper Hubs	2
7127	Drive Shaft w/ O-Rings	1
7135	Drive Pinion	1
7732	M4x4mm Set Screw	6
25225	M3x3mm Set Screw	20
25231	E-Clip, 2.5mm	20
25710	Bearing, 5x11x4	2
91162	Pinion Gear, 11T 32P (5mm shaft)	1
91163	Pinion Gear, 12T 32P (5mm shaft)	1
91164	Pinion Gear, 13T 32P (5mm shaft)	1
91165	Pinion Gear, 14T 32P (5mm shaft) Kit	1
91166	Pinion Gear, 15T 32P (5mm shaft)	1



:: Wheels / Tires

7174	Pro Rally Wheel, Black	2
7175	Pro Rally Wheel, White	2
7176	Pro Rally Tire	2
7177	Pro Rally Wheel and Tire, Black - Kit	2
7178	Pro Rally Wheel and Tire, White	2
7242	Pro SC Wheel/Race Tire	2
9809	SC10 Tire, With Foam Insert - Kit	2
9921	SC10 SC10 Hex Wheel/Race Tire	2
9922	SC10RS Tires and Inserts	2
89413	Molded Tire Insert	2
91101	KMC Hex Wheels, Black	2
91102	KMC Hex Wheels, Silver	2
91103	KMC Hex Wheels, Chrome	2
91104	KMC Hex Wheels/Tire Mounted Black	2
91105	KMC Hex Wheels/Tire Mounted Silver	2
91106	KMC Hex Wheels/Tire Mounted Chrome	2



:: Body / Decals

1734	FT Body Clips, Metallic Blue, 4 long, 6 short	1
1735	FT Body Clips, Metallic Blue, long	4
1736	FT Body Clips, Metallic Blue, short	6
1737	FT Body Scissors	1
6332	Body Clips	6
7238	Pro SC Body, Blue/Yellow	1
7239	Pro SC Body, Blue/White	1
9836	SC10 Body, clear	1
9837	SC10 09' Championship Body, clear	1
9856	SC10 09' Lucas Oil Body, painted	1
9858	SC10 09' Pro Comp Body, painted	1
9876	SC10 Contender Body, clear	1

:: Reedy Batteries

302	AA Alkaline 1.5V (4)	1
724	Wolfpack 3000mAh 8.4V w/T-Plug connector	1
725	Wolfpack 3600mAh 8.4V w/T-Plug connector	1
751	Wolfpack LiPo 3300mAh 7.4V 30C w/T-Plug	1
752	Wolfpack LiPo 4000mAh 7.4V 35C w/T-Plug	1
753	Wolfpack LiPo 5400mAh 7.4V 35C w/T-Plug	1
754	Wolfpack LiPo 7500mAh 7.4V 30C w/T-Plug	1
755	Wolfpack LiPo 3300mAh 11.1V 35C w/T-Plug	1

:: Factory Team and Option Parts

1734	FT Body Clips, Metallic Blue, 4 Long, 6 Short	1
1735	FT Body Clips, Metallic Blue, Long	4
1736	FT Body Clips, Metallic Blue, Short	6
1737	FT Body Scissors	1
7183	Sway Bar Set - Pro lite / Pro Rally	1
7232	16mm Shock Springs - White, 3.0lbs	Pr.
7233	16mm Shock Springs - S. Black, 3.8lbs	Pr.
7234	16mm Shock Springs - Black 4.6lbs	Pr.
7261	16x25mm Threaded Shock Body (Aluminum)	2
7263	16mm Shock Kit Mounting Hardware (for 4 shocks)	1
9787	FT Chassis Protective Sheet	1
31286	FT Ballstud Washer, Aluminum (2mm and 1mm)	4ea
31550	FT M3 Locknut, Blue Aluminum	6
89082	RC8 Shock Standoffs, Aluminum	4
89335	16mm Shock Cap, Aluminum	2
89355	16mm Shock Collar & O-Ring	2
91160	Body Clip, 1.3mm Thick	10
91171	4x4 Aluminum Wheel Hexes	4

:: Reedy Servos & Accessories

27100	RS1206 Digital HV Hi-Speed Competition Servo	1
27101	RT1508 Digital HV Hi-Torque Competition Servo	1
27102	RS1206 Servo Case Set w/screws	1
27103	RS1206 Servo Gear Set	1
27104	RT1508 Servo Case Set w/screws	1
27105	RT1508 Servo Gear Set	1
27108	RS0806 Digital HV Hi-Speed LP Competition Servo	1
27109	RT1408 Digital HV Hi-Speed LP Competition Servo	1
27110	0712MG Digital RTR Servo	1
27111	1514MG Digital RTR Servo	1
27120	RS1806A Servo Gear Set	1
27121	RT2207A Servo Gear Set	1
27124	RS0806 LP Case Set	1
27125	RS0806 LP Gear Set	1
27126	RT1408 LP Case Set	1
27127	RT1408 LP Gear Set	1

:: XP Electronics

29166	XP DS1313 Digital Servo	1
29167	XP DS1015 Digital Servo	1
29203	AE XP120 2.4GHz Radio System	1
29204	AE XP-R4 2.4GHz 4CH Receiver	1

:: Reedy Chargers / Accessories

616	423-S AC 35W Compact Balance Charger	1
616CL	423-S Charger/ 3300mAh LiPo Battery	1
27200	1216-C2 Dual AC/DC Competition Battery Charger	1
27201	324-S AC LiPo/LiFe Compact Balance Charger	1
609	TAM to T-Plug charge adapter	1
27220	7-in-1 Universal Charge Lead (4mm)	1
27221	T-plug Charge Lead (4mm)	1
27222	XH 2-6S Balance Board (4mm)	1
27223	RX Charger Lead FUT (4mm)	1
27224	US to IEC 320 C5 angle 1M AC Power Cord	1
27225	US to IEC 320 C5 angle .5M AC Power Cord	1
27226	EU to IEC 320 C5 angle 1M AC Power Cord	1
27227	UK to IEC 320 C5 angle 1M AC Power Cord	1
27228	AU to IEC 320 C5 angle 1M AC Power Cord	1
27229	CN to IEC 320 C5 angle 1M AC Power Cord	1

:: Reedy Electronics

905	540-SL4 3300kV 4-pole Sensorless Brushless Motor	1
26169	0712MG 7kg Metal Gear Servo	1
26170	1415MG 15kg Metal Gear Servo	1
27100	RS1206 Digital HV Hi-Speed Competition Servo	1
27101	RT1508 Digital HV Hi-Torque Competition Servo	1
29185	SC600-BL Brushless ESC	1
29186	SC600-BL Fan	1

:: MyLaps Transponders

MLP10R078	MyLaps Hybrid (2-wire) Transponder	1
MLP10R120	MyLaps RC4 (3-wire) Transponder	1
MLP40R222	MyLaps Transponder Holder	1

:: Tools

1111	FT Turnbuckle Wrench	1
1113	12mm Big Bore Shock Tool	1
1114	FT Dual Turnbuckle Wrench	1
1449	FT Off Road Ride Height Gauge	1
1519	FT Hex/Nut Driver Tool Set, 5pc.	1
1541	FT Hex Driver Set, (7 pcs)	1
1545	FT 5/64" Blue Hex Driver	1
1546	FT 3/32" Gold Hex Driver	1
1554	FT Silver Spring Hook Tool	1
1567	FT 8mm Gold Nut Driver	1
1568	Factory Team 5.5mm Short Nut Driver	1
1569	Factory Team 7mm Nut Driver, T-Handle	1
1570	Factory Team 7.0mm Short Nut Driver	1
1590	FT 3/32" Gold Ball Hex Driver	1
1592	FT Ball Hex Driver Set, (3 pcs)	1
1655	FT 8-Piece 1/4" Hex Drive Set	1
1656	FT 1/4" Hex Drive Handle, without tips	1
1657	FT 1/4" Hex Drive .050" Tip	1
1658	FT 1/4" Hex Drive 1/16" Tip	1
1659	FT 1/4" Hex Drive 5/64" - 2.0mm Tip	1
1660	FT 1/4" Hex Drive 3/32" Tip	1
1661	FT 1/4" Hex Drive 1.5mm Tip	1
1662	FT 1/4" Hex Drive 2.5mm Tip	1
1663	FT 1/4" Hex Drive 3/16" Nut Driver Tip	1
1664	FT 1/4" Hex Drive 1/4" Nut Driver Tip	1
1665	FT 1/4" Hex Drive 11/32" Nut Driver Tip	1
1666	FT 1/4" Hex Drive 5.5mm Nut Driver Tip	1
1667	FT 1/4" Hex Drive 7.0mm Nut Driver Tip	1
1668	FT 1/4" Hex Drive 8.0mm Nut Driver Tip	1
1669	FT 1/4" Hex Drive 5/64" - 2.0mm Ball End Tip	1
1670	FT 1/4" Hex Drive 3/32" Ball End Tip	1
1671	FT 1/4" Hex Drive Standard Screwdriver Tip	1
1672	FT 1/4" Hex Drive Phillips Screwdriver Tip	1
1673	FT 1/4" Hex Drive 2.5mm Ball End Tip	1
1674	FT 1/4" 5 Piece Power Tool Tips Set (5/64-2.0mm, 1.5mm, 2.5mm, 5/64"- 2.0mm ball, 2.5mm ball)	1
1675	FT Shock Shaft Pliers	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	Composite Droop Gauge	1
6429	Shock Building Tool	1
6956	Molded Tools, Set	1
7709	4 Inch Nylon Wire Ties	12

:: Apparel / Promotional

SP11	2016 Worlds T-shirt, blue, (S, M, L, XL-5XL)	1
SP12	2016 Worlds T-shirt, black, (S, M, L, XL-5XL)	1
SP13**	AE Lite Jacket - Black - (S, M, L, XL, 2XL)	1
SP14**	AE 2015 Worlds T-Shirt - Blue (S, M, L, XL-5XL)	1
SP15**	AE 2015 Worlds T-Shirt - Black (S, M, L, XL-5XL)	1
SP17**	AE INT'L T-Shirt - Black (S, M, L, XL-5XL)	1
SP18**	AE INT'L T-Shirt - White (S, M, L, XL-5XL)	1
SP19**	AE INT'L Hoodie - Black (S, M, L, XL-3XL)	1
SP20	AE Patch Trucker Hat	1
SP23**	AE Splash T-shirt - Black (S, M, L, XL-5XL)	1
SP24**	AE Splash T-shirt - Blue (S, M, L, XL-5XL)	1
SP29	Team Associated Countertop / Setup Mat	1
SP30	Team Associated Pit Mat	1
SP31	Reedy Countertop / Setup Mat	1
SP38	Reedy Trucker Hat	1
SP71**	AE Winter Jacket - Black (S, M, L, XL, 2XL)	1
SP112*	Reedy Medallion T-Shirt - Black (S, M, L, XL-3XL)	1
SP421S	AE 2012 Hat, Black, Flat Bill, S/M	1
SP421L	AE 2012 Hat, Black, Flat Bill, L/XL	1
SP422S	AE 2012 Hat, Black, Curved Bill, S/M	1
SP422L	AE 2012 Hat, Black, Curved Bill, L/XL	1
SP423S	AE 2012 Hat, White, Flat Bill, S/M	1
SP423L	AE 2012 Hat, White, Flat Bill, L/XL	1
SP424S	AE 2012 Hat, White, Curved Bill, S/M	1
SP424L	AE 2012 Hat, White, Curved Bill, L/XL	1
SP425	FT Fluid Carrier	1
715	Reedy 2009 Track Banner	1
110684	Team Associated Track Banner	1
110685	Team Associated Cloth Banner	1
110686	Reedy Circuit Cloth Banner	1
29269	KICKER KPw Wireless Speaker System, (black)	1
29270	KICKER KPw Wireless Speaker System, (white)	1

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

:: Trouble Shooting

Description	Problem	Solution
No Power	Battery is discharged.....	Charge battery.
	Battery not plugged in.....	Plug in battery.
	No light on speed control....	Reset speed control using your instruction manual.
	Receiver LED remains red.	Re-bind transmitter to the receiver.
No Throttle	Motor not plugged in.....	Plug in motor.
	Speed control out of ..... adjustment.	Reset speed control using your instruction manual.
	Motor failure.....	Replace motor.
No Steering	Servo not plugged in.....	Plug servo in.
	Locked up steering linkage.	Free up steering linkage.
	Servo failure.....	Replace servo.
Throttle	Goes backwards when you pull the trigger, or forward when pushing brakes / reverse.	Switch any two motor wires. Check throttle reversing switches on transmitter. Reset speed control.
Steering	Goes right when turning..... the wheel left (or left when turned right.)	Check steering reversing switches on transmitter.
Vehicle is glitching	Vehicle has a problem on..... power.	Check for loose wires or check for or dead radio batteries. Radio interference.
Reverse	No reverse or brakes.....	Check that reverse mode has not been turned off. Refer to speed control instructions. Reset speed control, or send in for repair.
Vehicle dies or slows	Speed control overheats....	Let speed control cool off. Check gear, gear mesh, or bind in driveline.
	Motor overheats.....	Let motor cool and check recommended gearing for motor type.
	Gear mesh set too tight.....	Reset gear mesh (see instruction manual).
	LiPo mode engages.....	LiPo mode on the ESC has engaged, recharge your batteries. (If running NiMH battery, turn off LiPo mode)