

EIGHT 2.0

NOTICE: All instructions, warranties and other collateral documents are subject to change at the sole discretion of Horizon Hobby, Inc. For up-to-date product literature, visit <http://www.horizonhobby.com> and click on the support tab for this product.


Meaning of Special Language:

The following terms are used throughout the product literature to indicate various levels of potential harm when operating this product:

NOTICE: Procedures, which if not properly followed, create a possibility of physical property damage AND little or no possibility of injury.

CAUTION: Procedures, which if not properly followed, create the probability of physical property damage AND a possibility of serious injury.

WARNING: Procedures, which if not properly followed, create the probability of property damage, collateral damage, and serious injury OR create a high probability of superficial injury.

 **WARNING:** Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury. This is a sophisticated hobby product and NOT a toy. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. Do not attempt disassembly, use with incompatible components or augment product in any way without the approval of Horizon Hobby, Inc. This manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.

Safety Precautions and Warnings

Read and follow all instructions and safety precautions before use. Improper use can result in fire, serious injury and damage to property.

Components

Some electronic components can become hot while in use. Do not touch parts until cool.

Use only with compatible components. Should any compatibility questions exist please refer to the product instructions, the component instructions or contact Horizon Hobby, Inc.

Batteries

Always follow the manufacturer's instructions when using and disposing of any batteries. Mishandling of Li-Po batteries can result in fire causing serious injury and damage.

Small Parts

This kit includes small parts and should not be left unattended near children as choking and serious injury could result.

Safe Operating Recommendations

- Inspect your model before every run to make certain it is track worthy.
- Be aware of any other radio frequency user who may present an interference problem.
- Always be courteous and respectful of other users of your selected driving area.
- Choose an area clear of obstacles and large enough to safely accommodate your driving activity.
- Make certain this area is clear of friends and spectators prior to running your vehicle.
- Be aware of other activities in the vicinity of your path that could cause potential conflict.

IMPORTANT SAFETY NOTES:

- Select an area for assembly that is away from the reach of small children. *Some parts in this vehicle are small and can be swallowed by children, causing choking and possible internal injury; PLEASE USE CAUTION!*
- The shock fluid and greases supplied should be kept out of children's reach. *They are not intended for human consumption!*
- Exercise care when using any hand tools, sharp instruments, or power tools during construction.
- Carefully read all manufacturer's warnings and cautions for any chemicals, glues, or paints that may be used for assembly and operating purposes.

Age Recommendation: Not for children under 14 years. This is not a toy.

Welcome Team Losi Racing 8IGHT-T 2.0 Owner!

Thank you for selecting the 8IGHT-T 2.0 as your new racing truggy. The 8IGHT-T 2.0 has already distinguished itself as a top caliber racing chassis and as you will see, we have made every effort to produce a vehicle that is not only the most competitive but also easy to maintain. The simple step-by-step assembly sequence and easily followed instructions and drawings combined with Team Losi Racing's world famous quality fitting parts will make using the 8IGHT-T 2.0 a most enjoyable vehicle.

Please take a moment to read through the following instructions. This will familiarize you with the various parts, assembly tips and descriptions as well as the tools needed. Taking an extra moment before using your vehicle will help you understand the dynamics of the 8IGHT-T 2.0 and setup tips to ensure the best possible experience.

Good luck and good racing,
Team Losi Racing

Register your Losi Product Online:

Register your 8IGHT-T 2.0 now and be the first to find out about the latest options parts, product updates and more. Log on to WWW.TLRACING.COM and follow the product registration link to stay connected.

8IGHT-T 2.0 COMPLETED KIT SPECIFICATIONS

**All measurements taken at ride height (36mm).*

Overall Chassis Length: 18.75" (476mm)	Wheelbase: 14.93"-15.09" (379-383mm)	*Front Track Width: 16.375" (419.9mm)
Overall Length w/Tires: 22.075" (573mm)	*Overall Height: 7.30" (185.5mm)	*Rear Track Width: 16.375" (415.9mm)

Note: Final vehicle weight will vary depending on accessories used.

Table 1: 8IGHT-T 2.0 Completed Vehicle Specifications.

Vehicle/Manual Organization:

The vehicle is composed of different steps marked A through H. Each step contains all of the parts necessary to complete a particular section of the vehicle. Some of these steps have sub-assembly steps within them. It is helpful to read through the instructions for an entire step prior to working on your vehicle. Next to each of the step numbers is a check box. At the completion of each step, place a check in this box so that if you must stop and come back to the assembly, you will be able to pick up where you left off.

For your convenience, an actual-size Hardware Identification Guide is included as a fold-out page at the back of this manual. Hardware that is not easily differentiable in each step is called out with an icon which contains a small picture of the part genre (referenced on the Hardware Identification Guide), the quantity of that part required for what is shown in the step, and the size or name of that part. To check a part, hold it against the silhouette until the correct part is identified. Associated with each of these parts, in the Hardware Identification Guide, is an LOSA-Number which is used when ordering replacement parts for your 8IGHT-T 2.0. In some cases, extra hardware has been supplied for parts that may be easy to lose.



Components used in each step are identified by their relative LOSA-Number and the component's name. With the exception of a few parts, these are not referenced in the Hardware Identification Guide.

The molded parts in Team Losi Racing vehicles are manufactured to demanding tolerances. When screws are tightened to the point of being snug, the parts are held firmly in place. For this reason, it is very important that screws not be overtightened in any of the plastic parts.

In some steps there will be a filled black circle with a white number. These indicate the specific order by which assembly must occur. In cases where steps are repeated (front/rear or left/right) these numbers may be omitted. Please note that these numbers will not call out every sub-step required for the step's assembly procedures, they will only highlight the critical order required for assembly.

In each step, there are specific "Detail Icons" (shaped like a stop sign) that call out critical precautions or assembly tips for the process. There is a reference key that describes the meaning of each of the icons located on the fold-out Hardware Identification Guide at the back of this manual.

To ensure that parts are not lost during construction, it is recommended that you work over a towel or mat to prevent parts from rolling away.

TOOLS REQUIRED FOR ASSEMBLY

Team Losi Racing has supplied all necessary Allen wrenches and special wrenches that are needed for assembly and adjustments. The following common tools will also be required: needle-nose pliers, regular pliers, hobby knife, scissors or other body cutting/trimming tools, and a soldering iron may be necessary for radio installation. 3/16", 1/4", 5/16" and 11/32" nut drivers are optional.

RADIO/ELECTRONICS

A suggested radio layout is provided in this manual. Your high-performance RC center should be consulted regarding specific questions pertaining to radio/electrical equipment.

HARDWARE IDENTIFICATION

When in question, use the Hardware Identification Guide at the back of this manual.

- For screws, the prefix number designates the thread size and number of threads per inch (e.g., 4-40 is a #4 size thread with 40 threads per inch). The second number, or fraction, designates the length of the screw. For cap head and button head screws, this number refers to the length of the threaded portion of the screw. For flat head and setscrews, this number refers to the overall length of the screw.
- Bearings and bushings are referenced by the inside diameter (I.D.) x outside diameter (O.D.).
- Shafts and pins are designated by type (Roll, Solid) and referenced by diameter x length.
- Washers, Spacers and Shims are described by inside diameter or the screw size that will pass through the inside diameter x the thickness or by their designated application (e.g., Ball Stud washer is primarily used under a Ball Stud).
- Retaining Clips are sized by the shaft diameter that they attach to or by type (Body). The Hardware Icon associated with E/C-clips only designates the part genre of clips, not the actual part.
- Nuts come in four types, Non-Flanged, Flanged (F), Plain and Locking (L) (designated on the Hardware Icons). The prefix number designates the thread size and number of threads per inch. The second number, or fraction, designates the size of the hex. For example, L 4-40 x 1/4" designates a locknut that will thread onto a 4-40 screw using a 1/4" nut driver.
- Setscrews come in three types, Cup (C), Flat (F) and Oval (O) (designated on the hardware Icons). The prefix number designates the thread size and number of thread per inch. The second number, or fraction, designates the length of the threaded portion of the screw.

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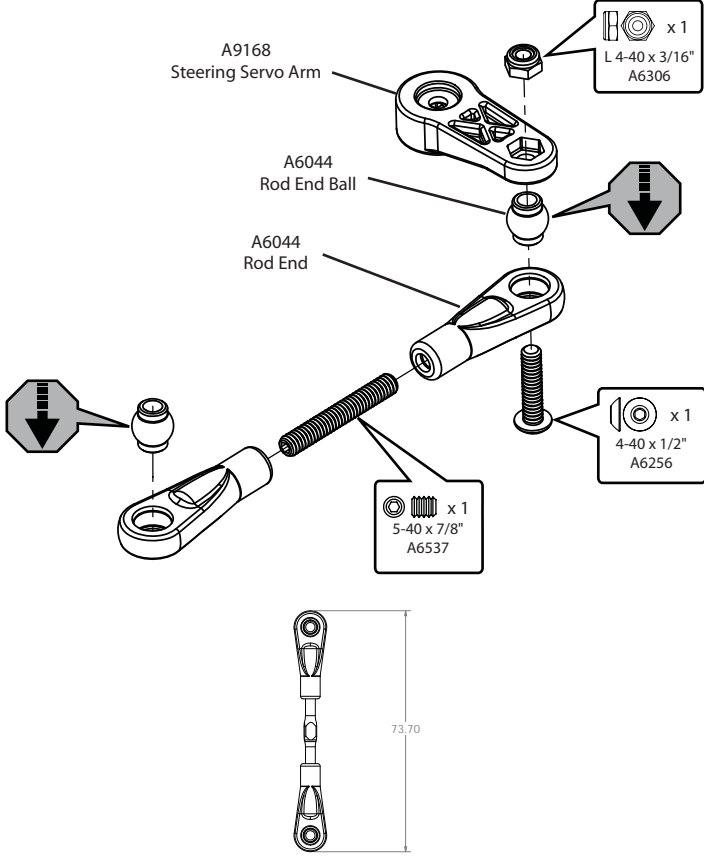
TABLES

Table 1: 8IGHT-T 2.0 Completed Vehicle Specifications i	
Table 2: Servo Installation	23

Team Losi Racing is continually changing and improving designs; therefore, the actual part may appear slightly different than the illustrated part. Illustrations of parts and assemblies may be slightly distorted to enhance pertinent details.

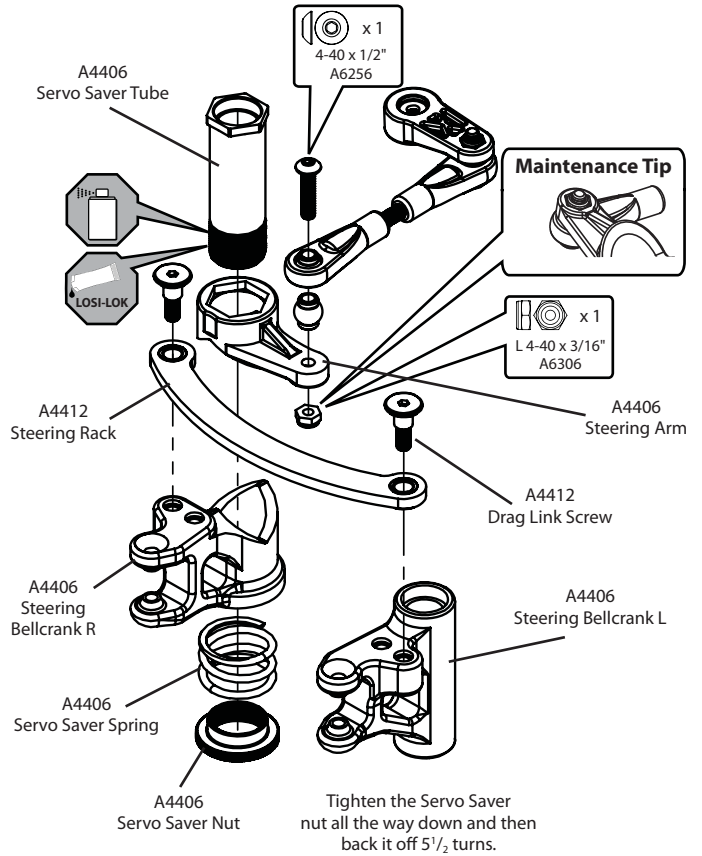
STEP A-01

Steering Link Assembly



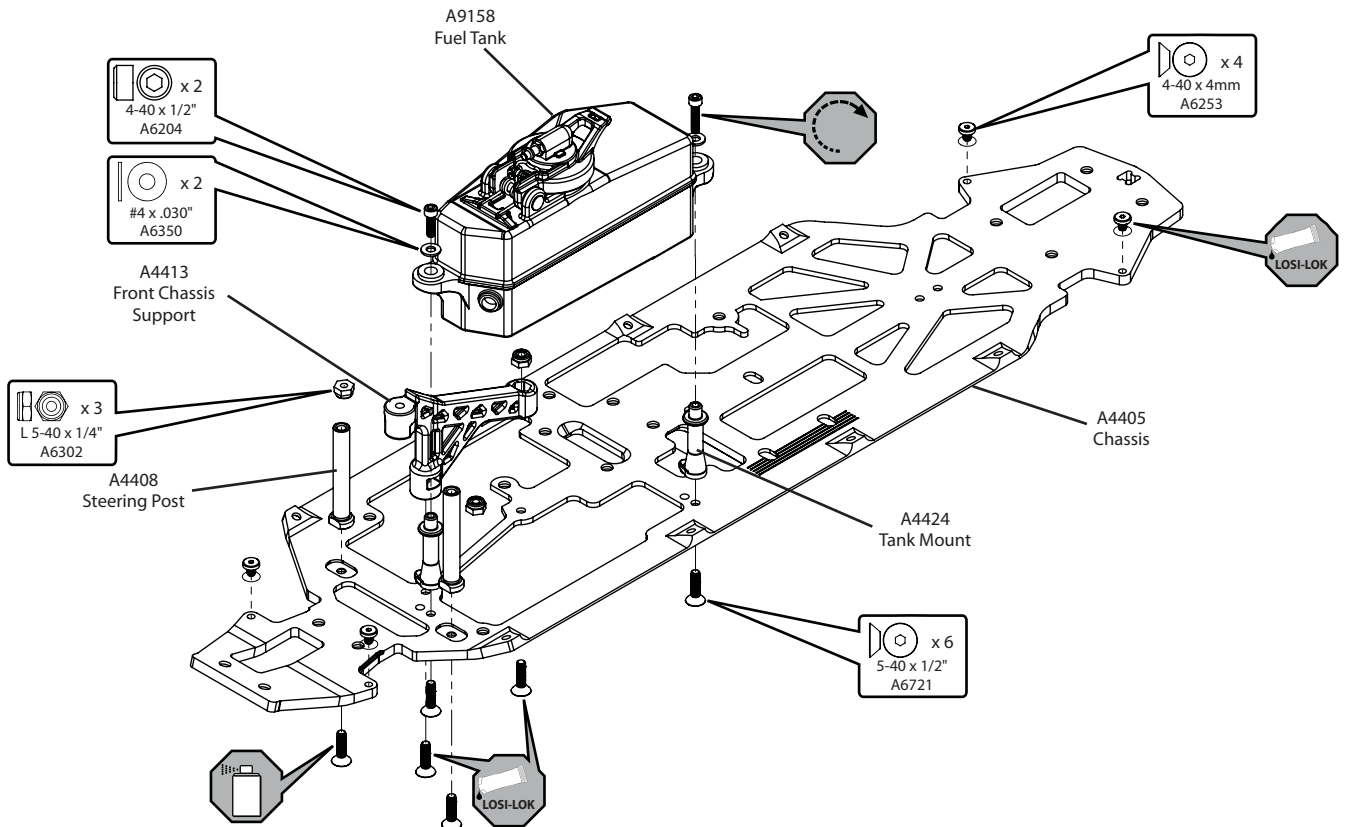
STEP A-02

Servo Saver Assembly



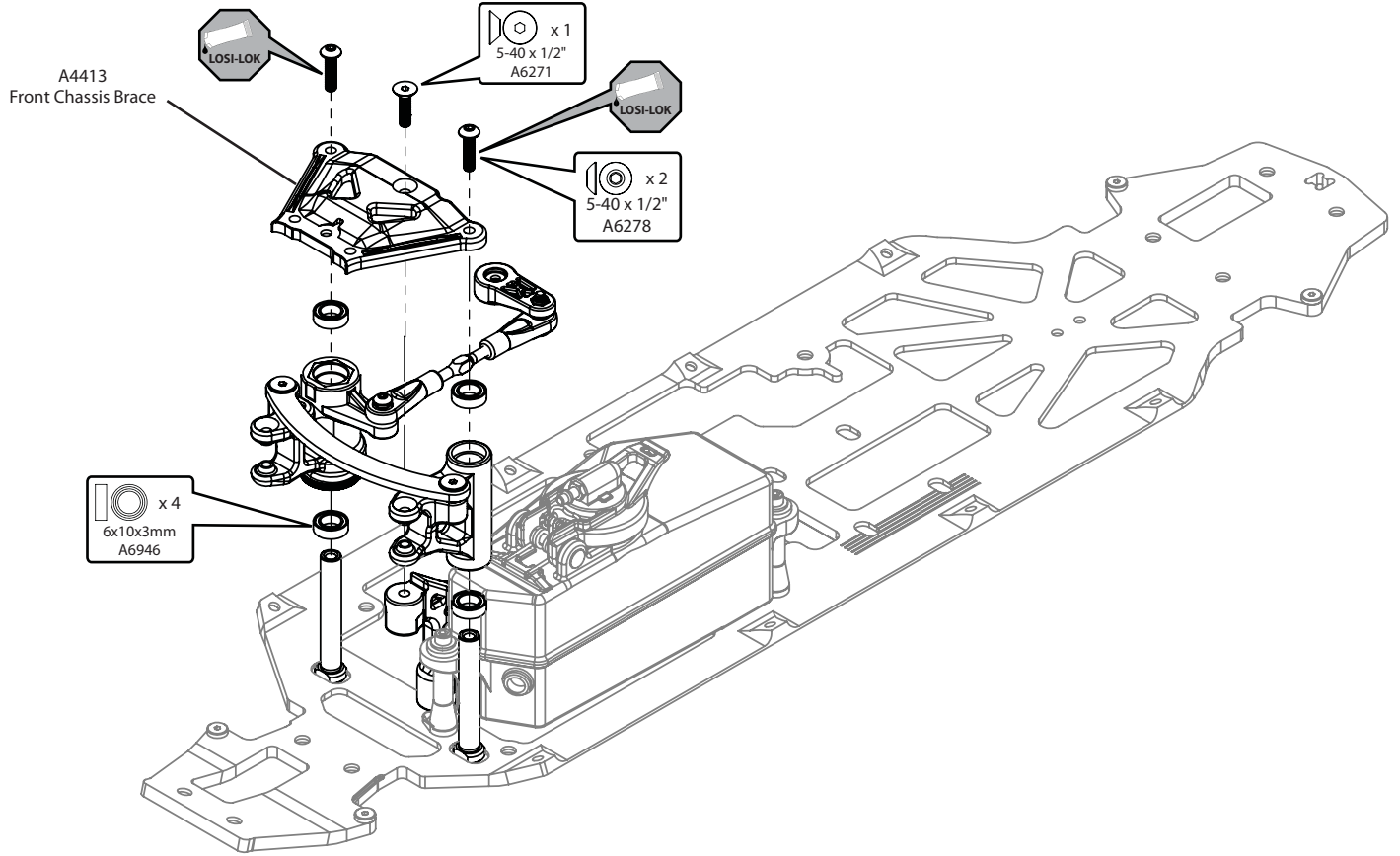
STEP A-03

Fuel Tank/Chassis Brace Assembly



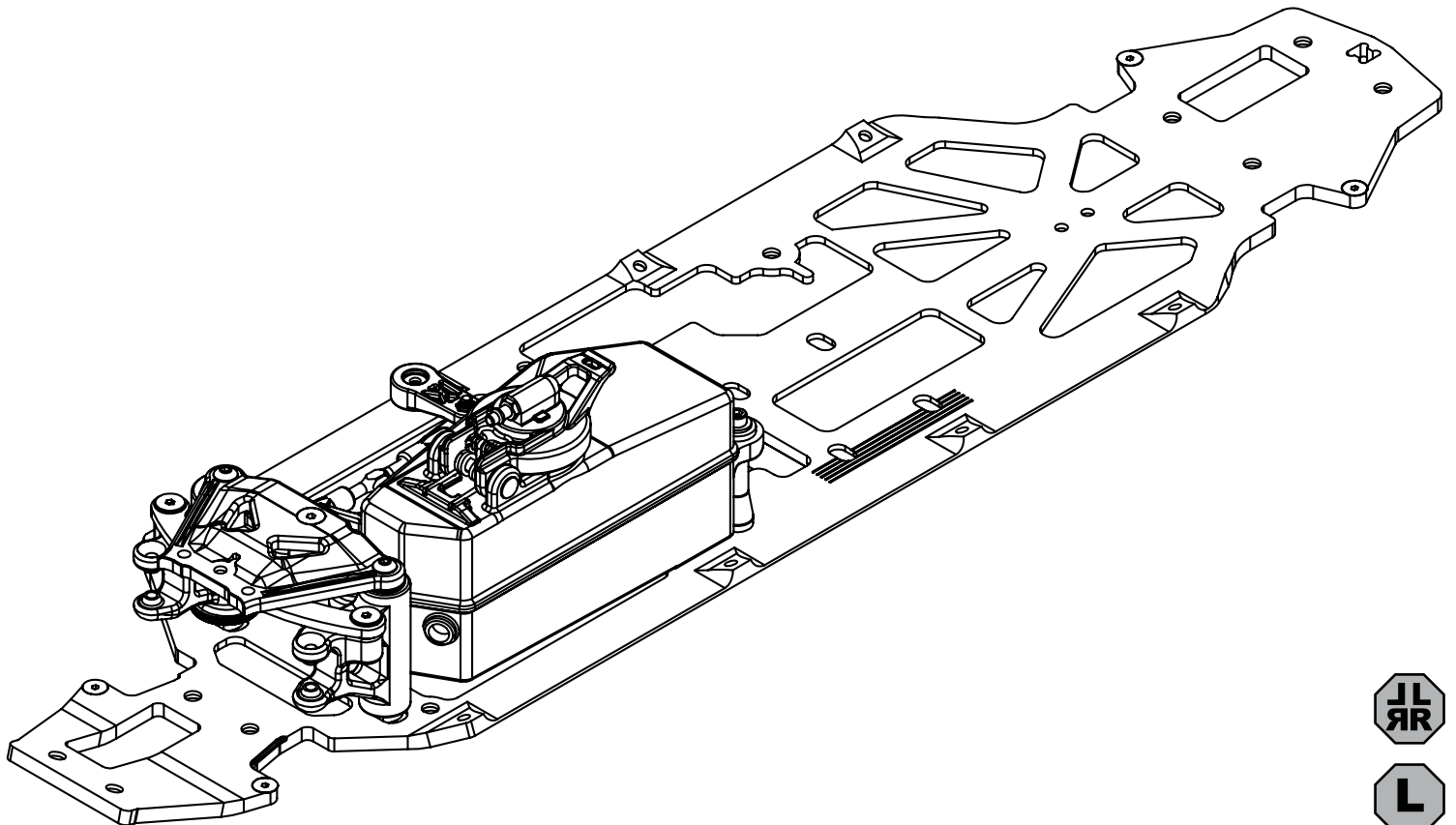
STEP A-04

Steering/Top Plate Assembly



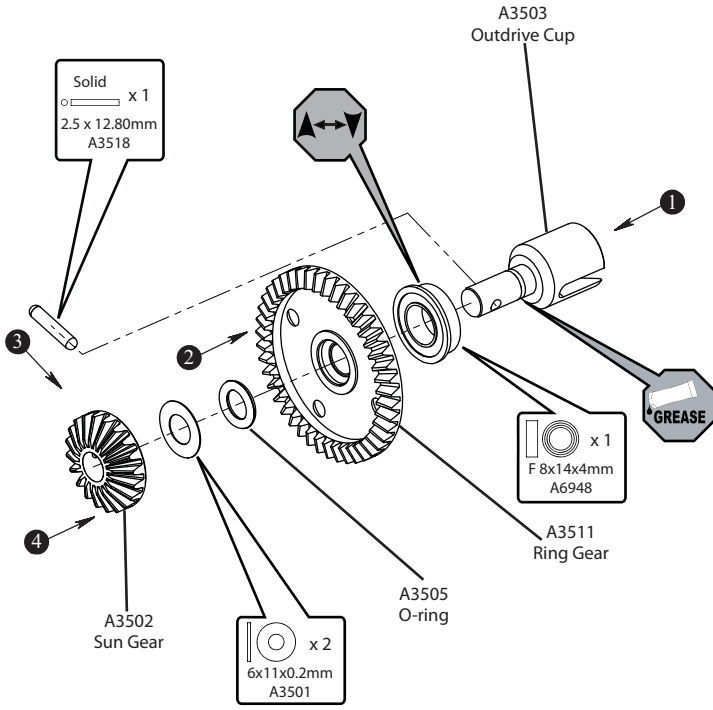
STEP A-05

Completed Steering Assembly



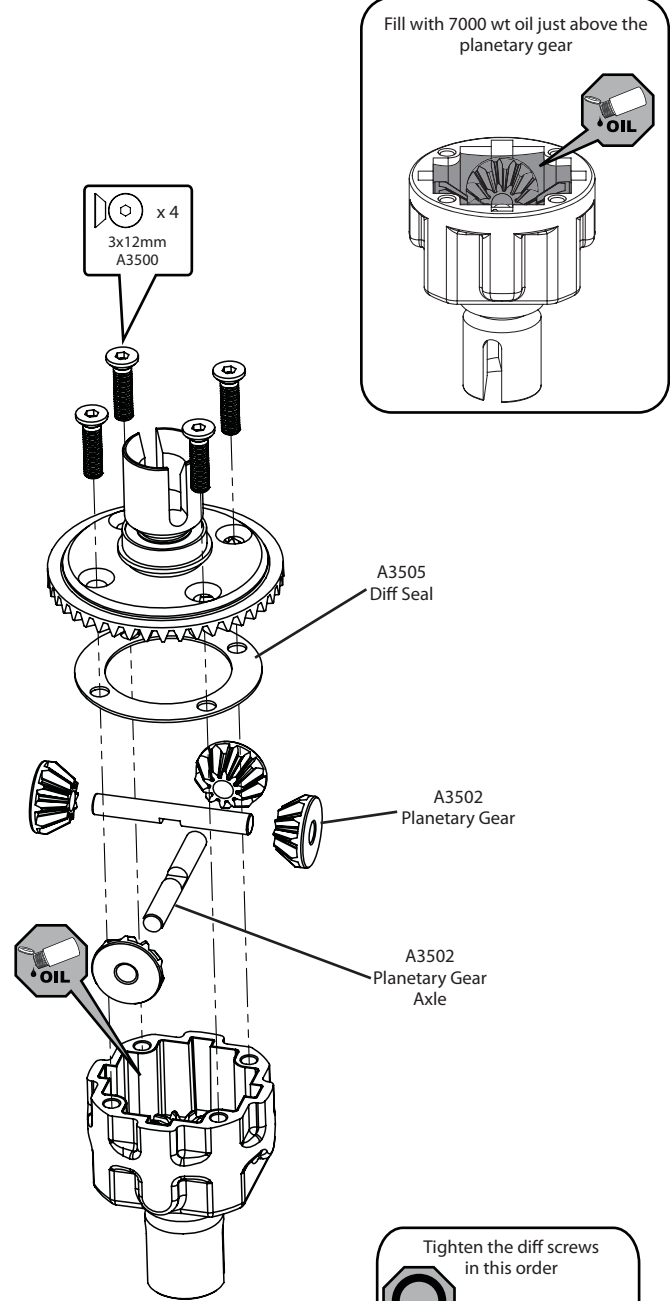
STEP B-01

Ring Gear Assembly



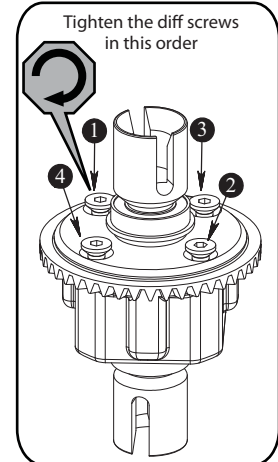
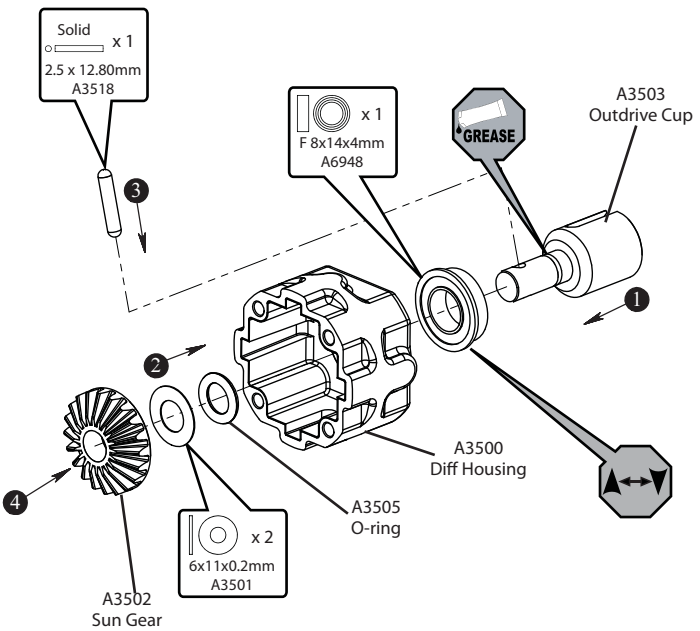
STEP B-03

Complete Diff Assembly



STEP B-02

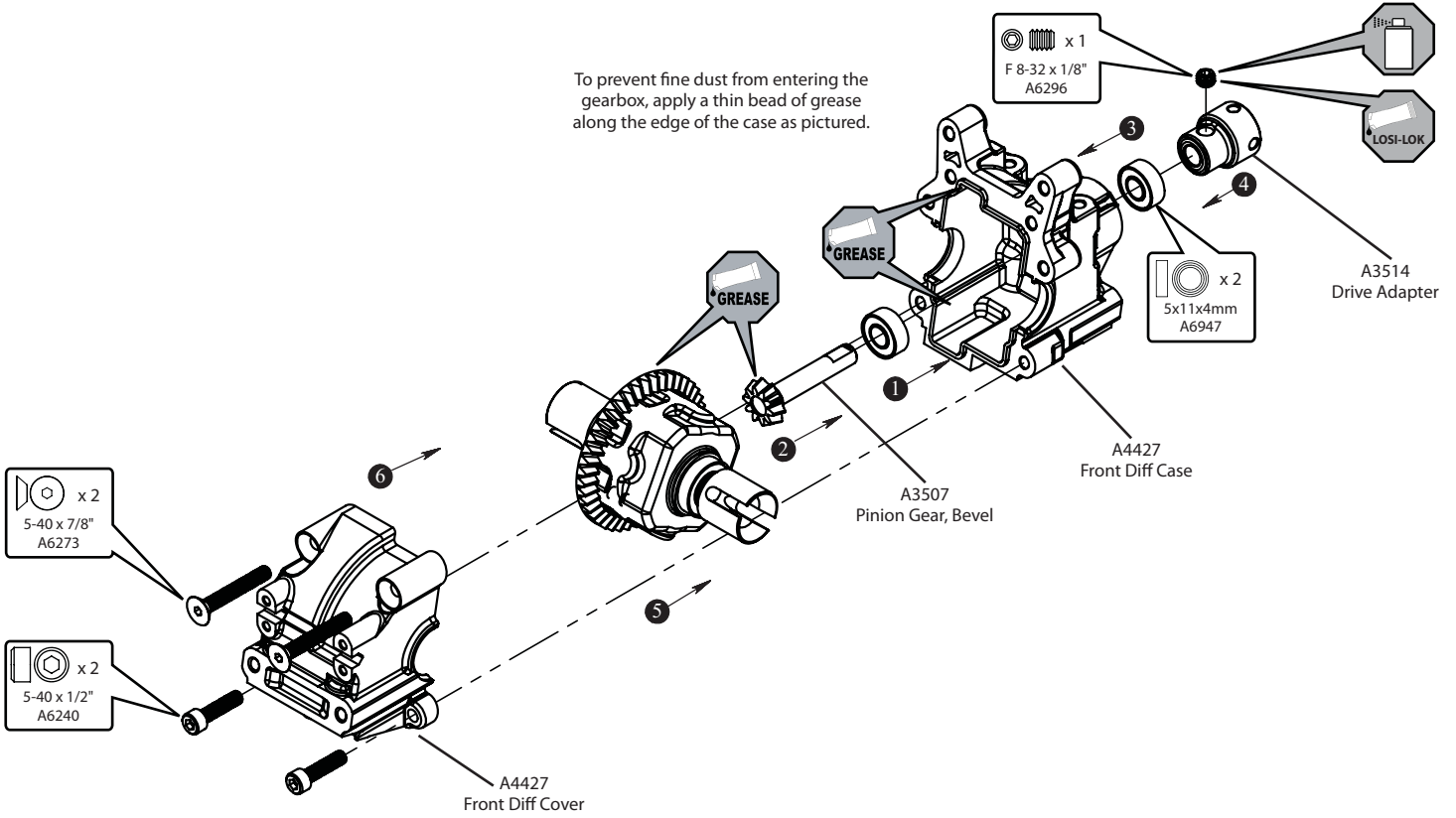
Diff Case Assembly



STEP B-04

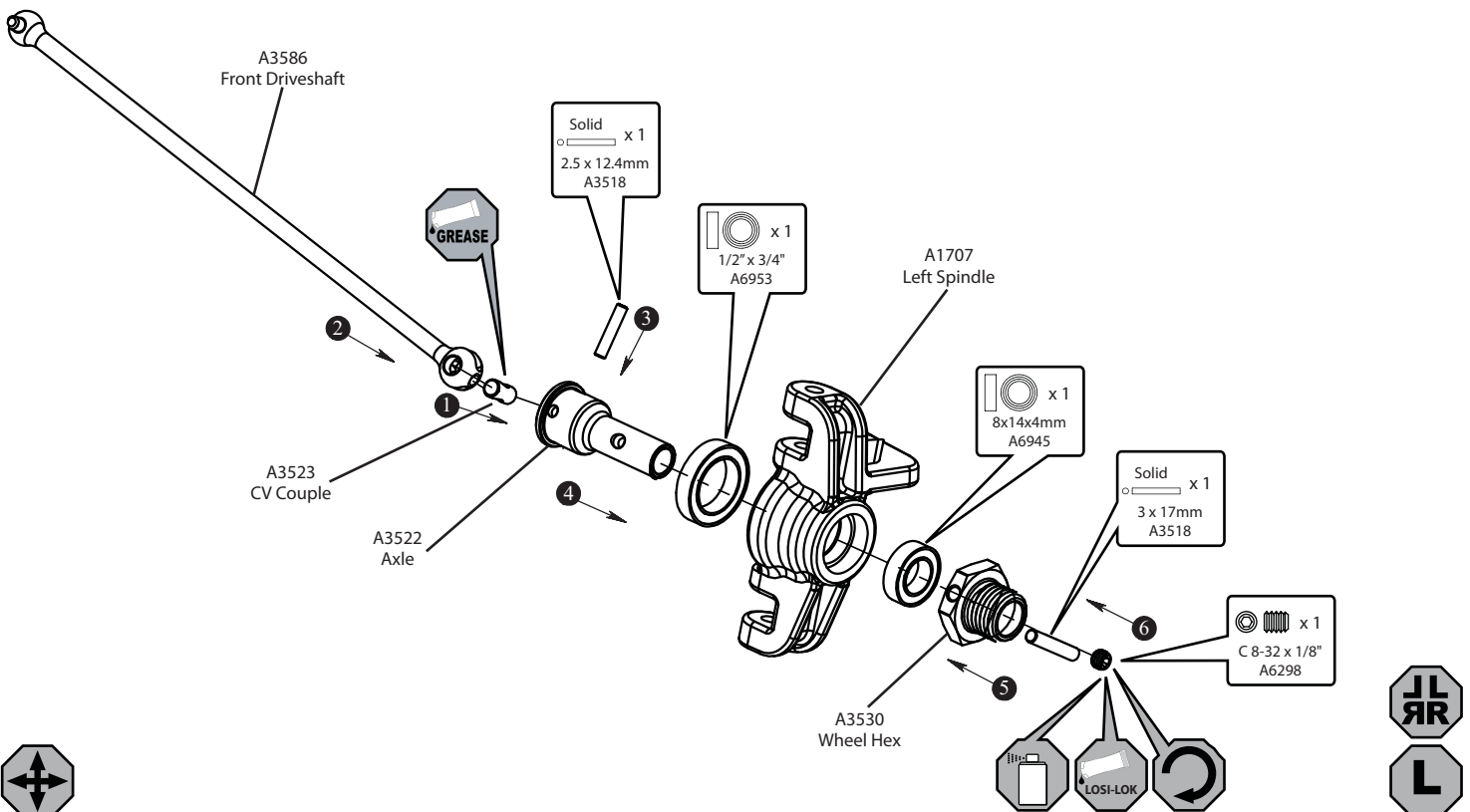
Front Diff Install

To prevent fine dust from entering the gearbox, apply a thin bead of grease along the edge of the case as pictured.



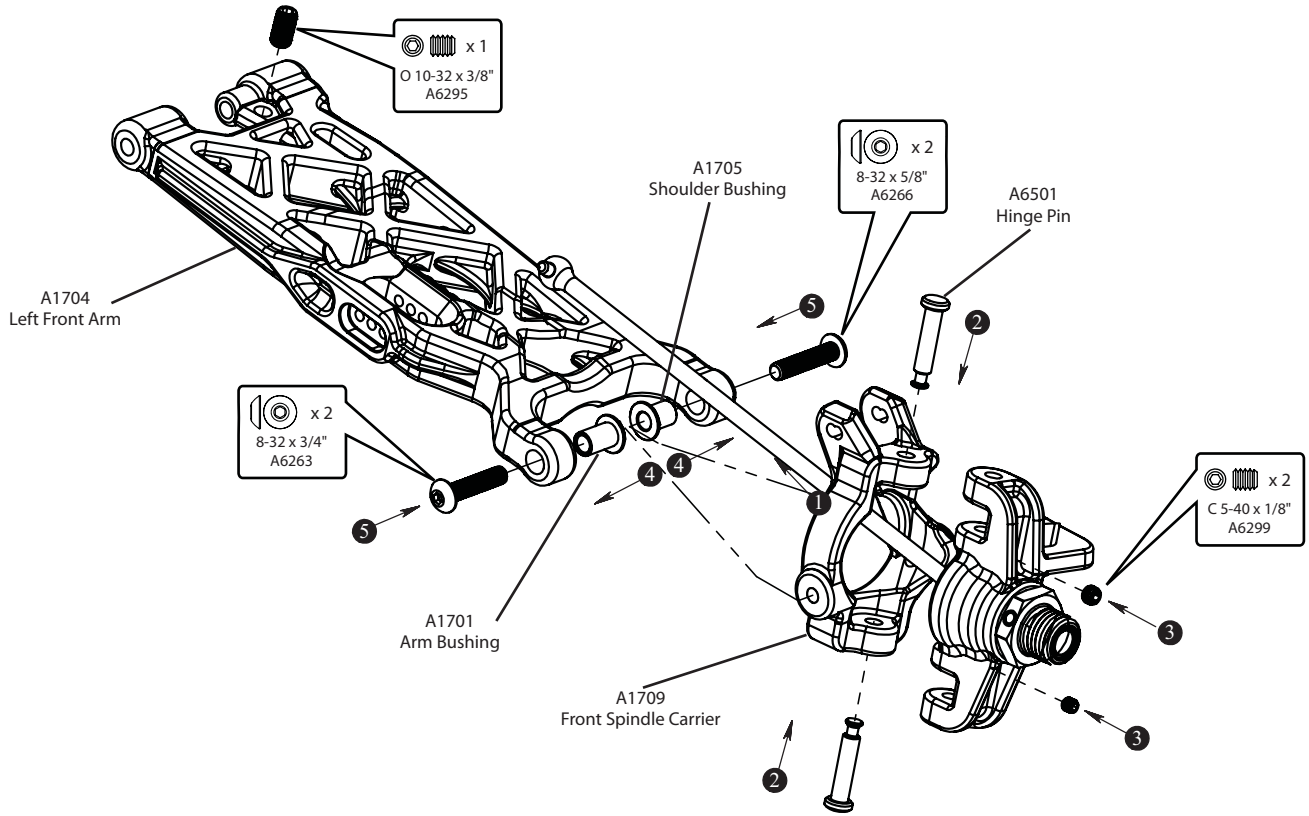
STEP B-05

Front Spindle & CV Assembly



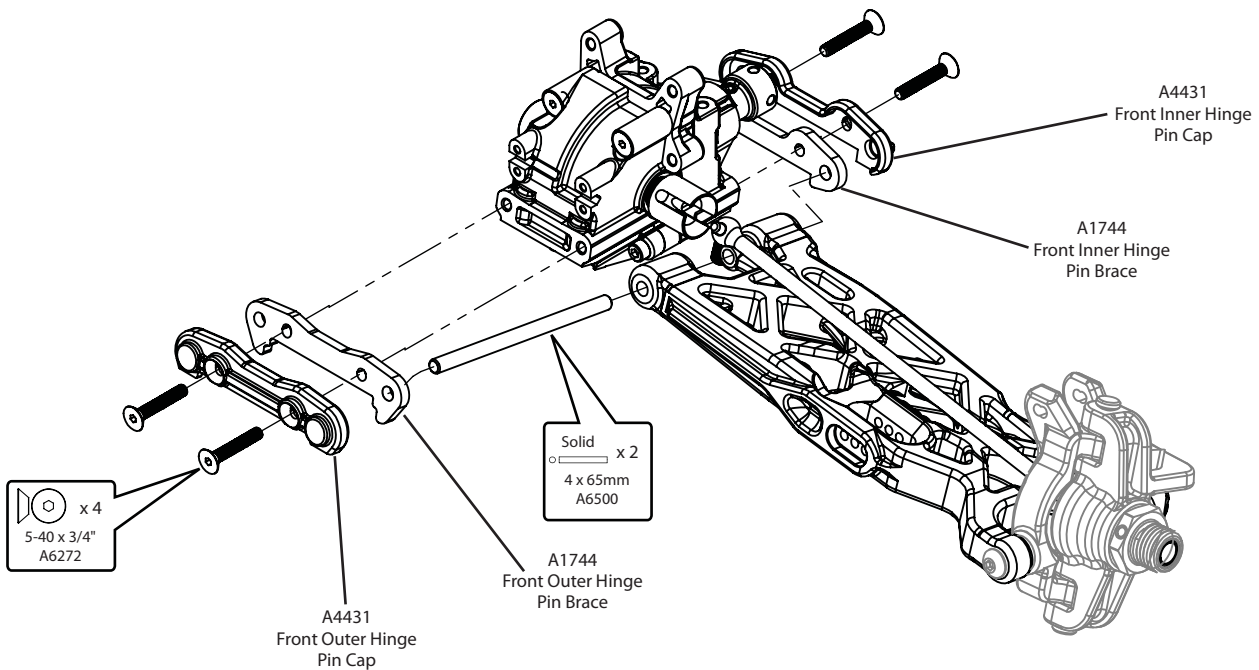
STEP B-06

Spindle/Carrier Assembly



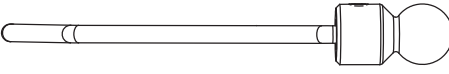
STEP B-07

Front Suspension Arms Assembly

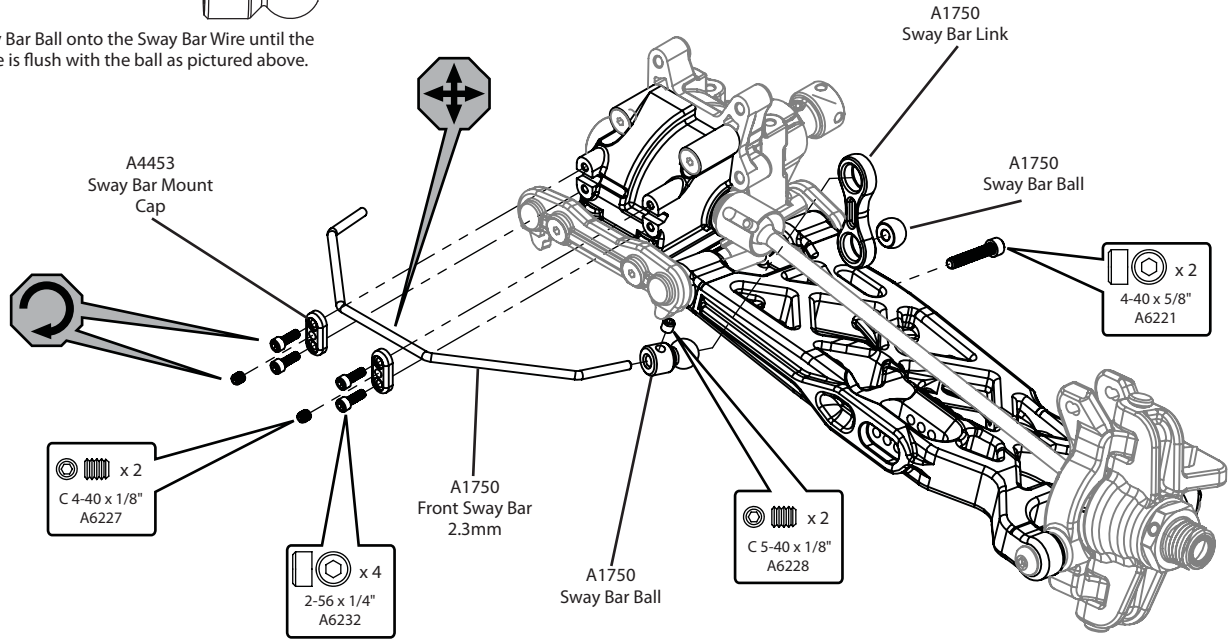


STEP B-08

Sway Bar Assembly

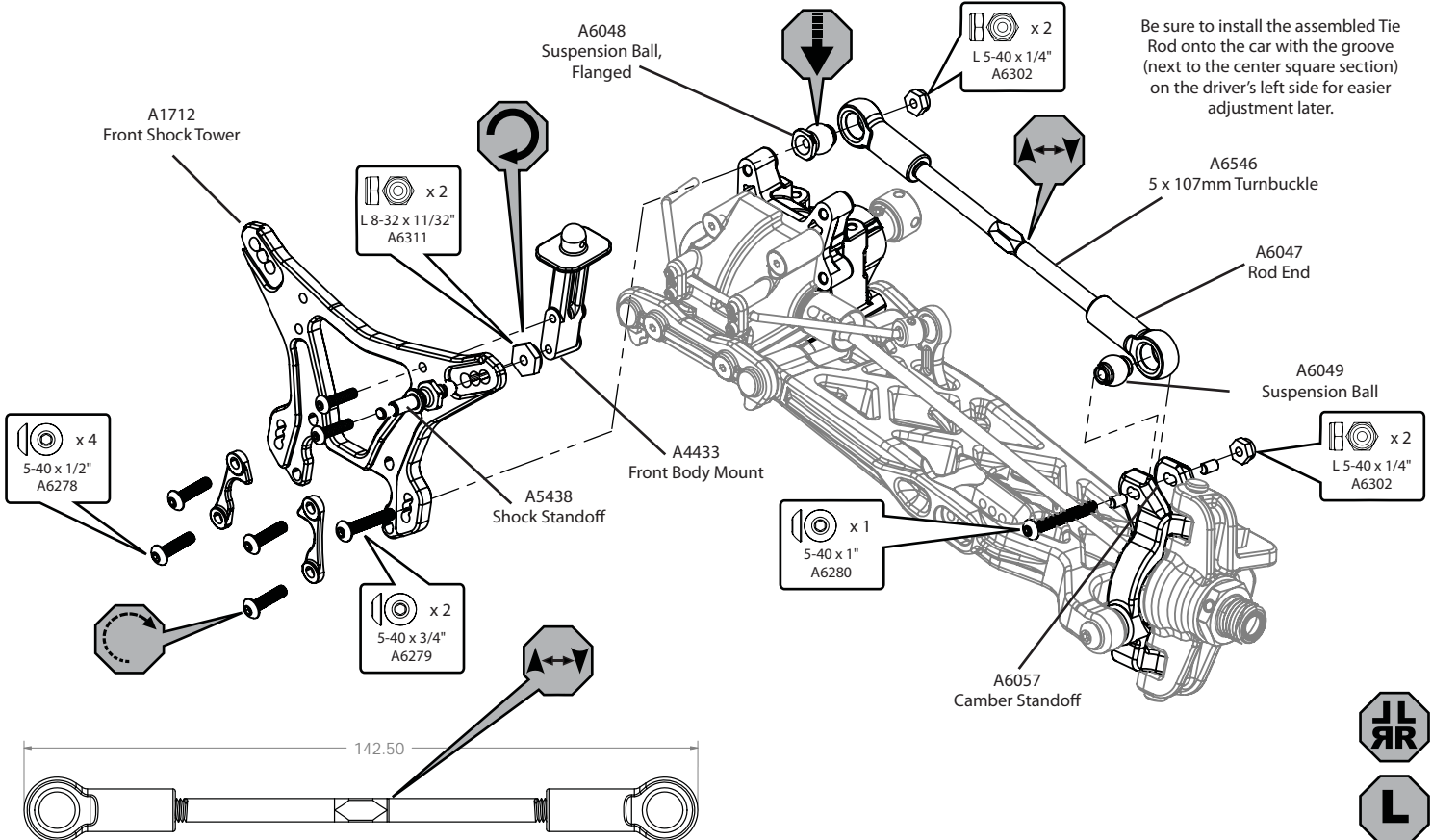


Install the Sway Bar Ball onto the Sway Bar Wire until the end of the wire is flush with the ball as pictured above.



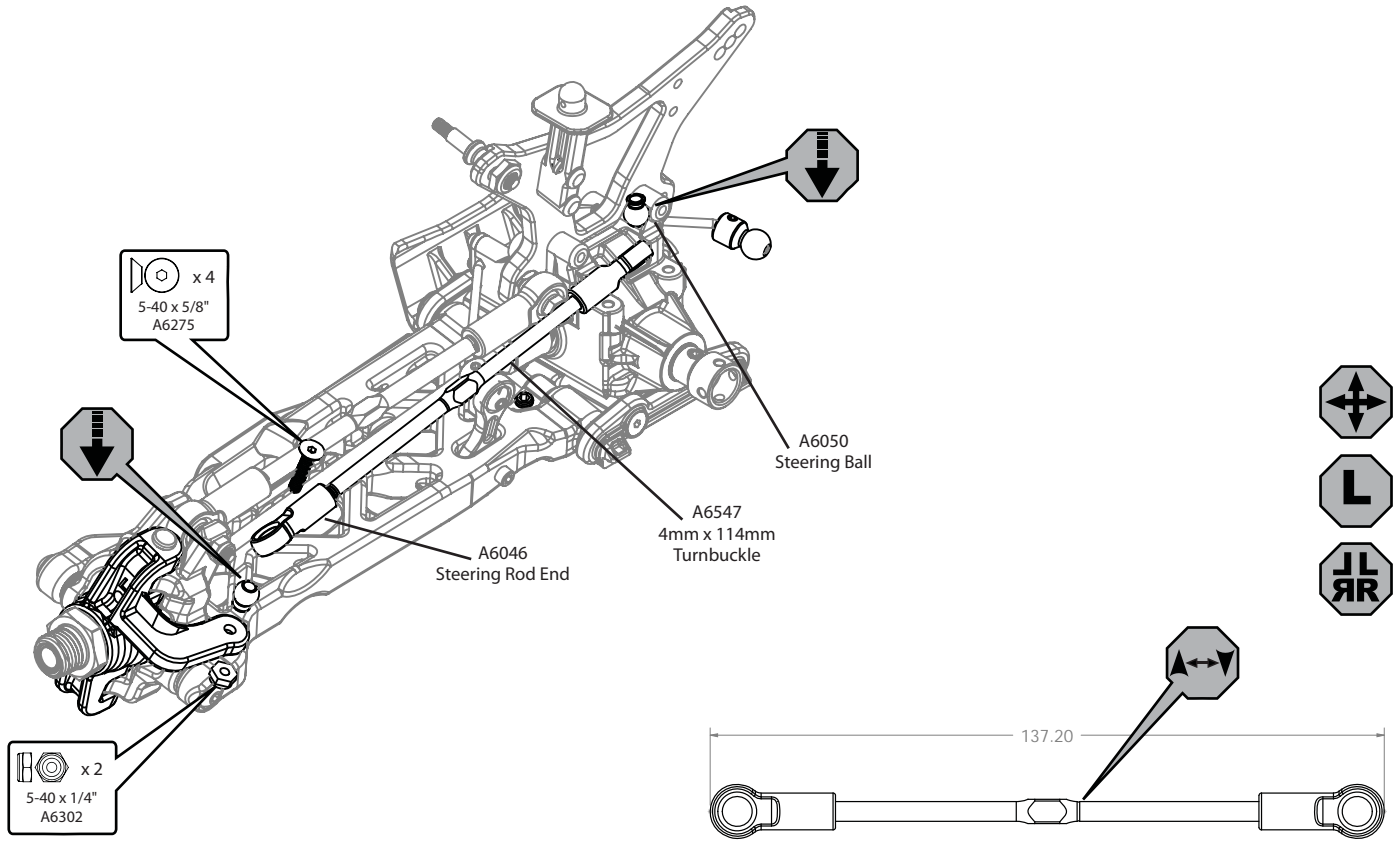
STEP B-09

Tie Rod/Shock Tower Assembly



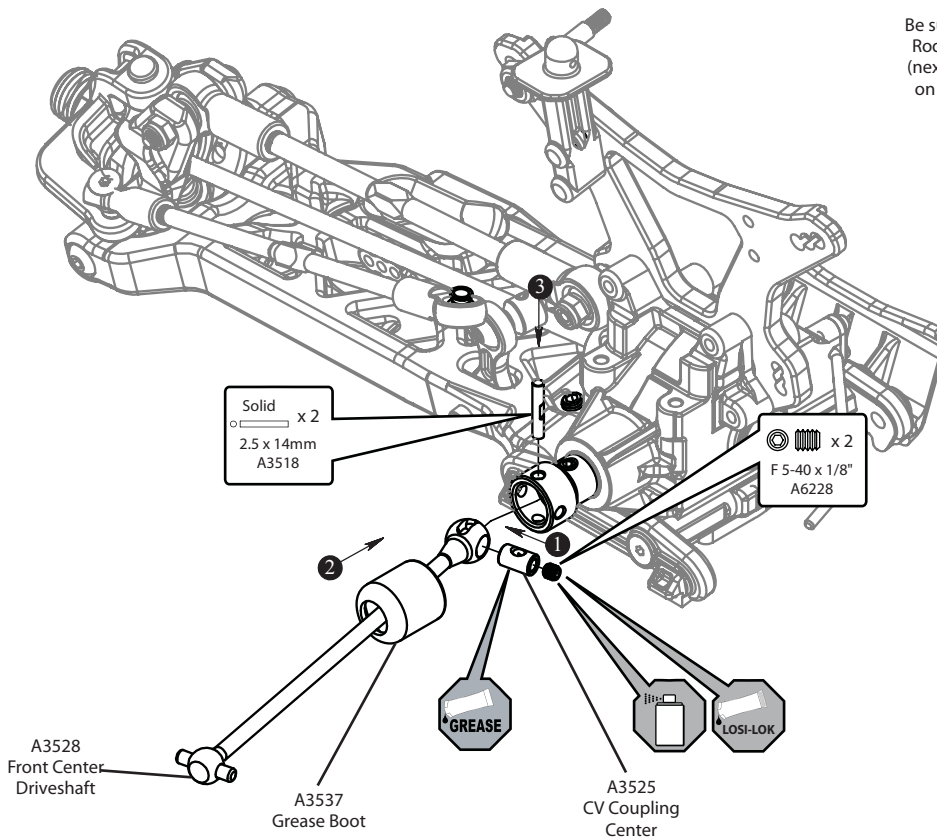
STEP B-10

Center CV Assembly



STEP B-11

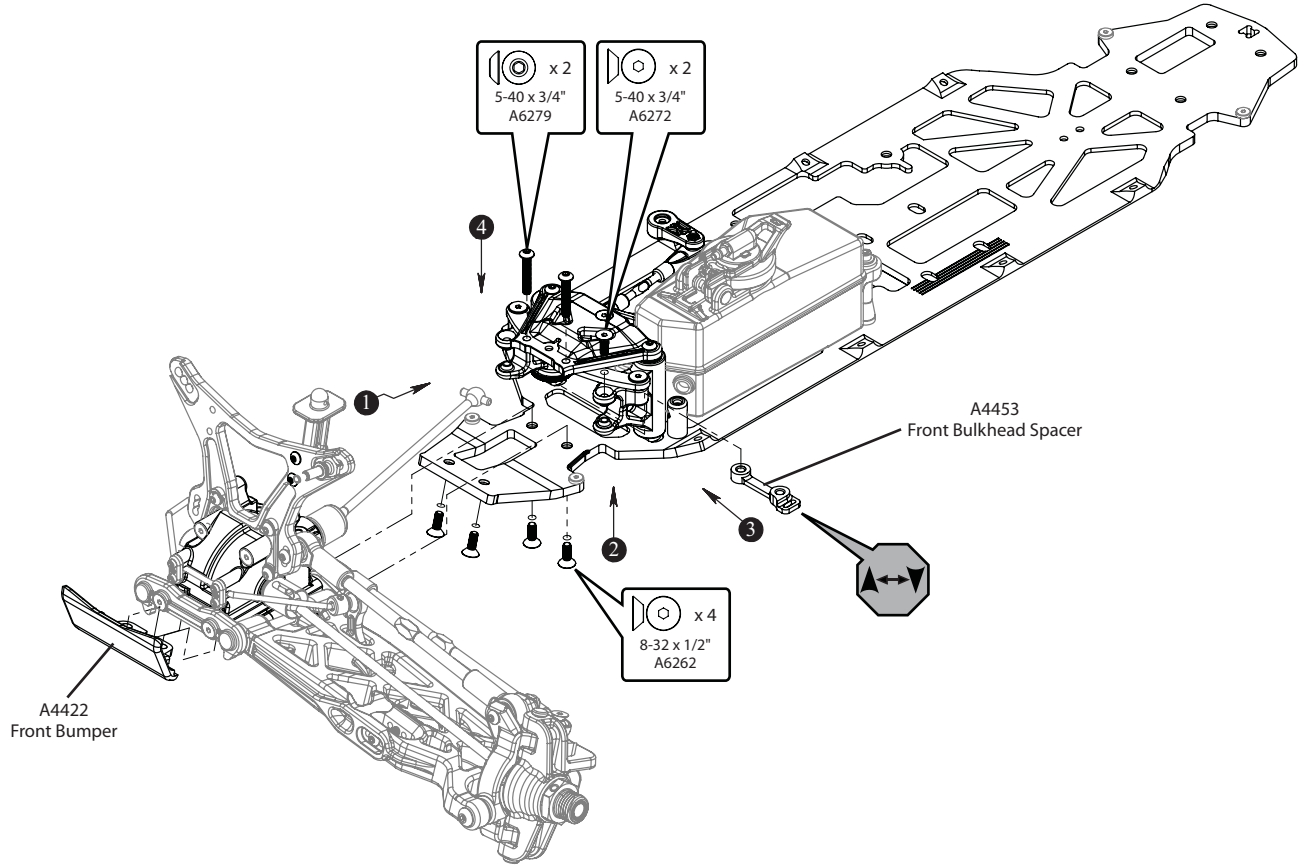
Steering Rod Assembly



Be sure to install the assembled Tie Rod onto the car with the groove (next to the center square section) on the driver's left side for easier adjustment later.

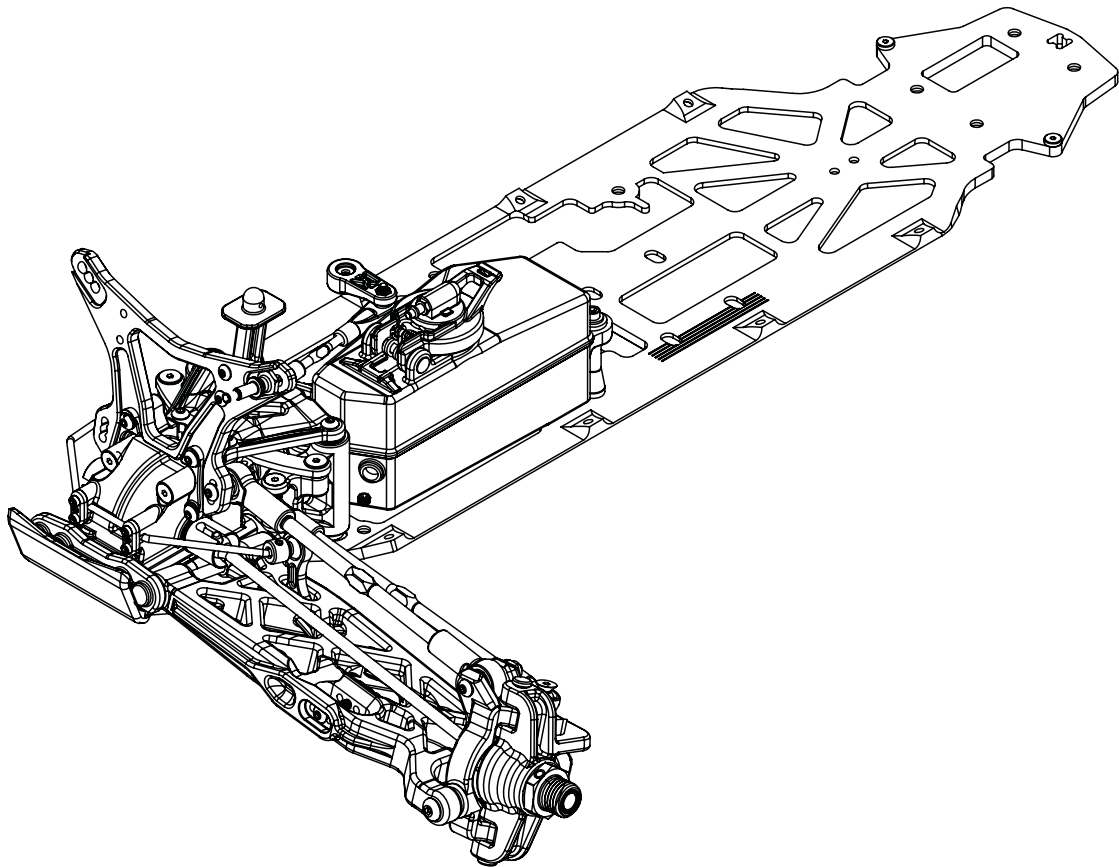
STEP B-12

Front Clip Assembly



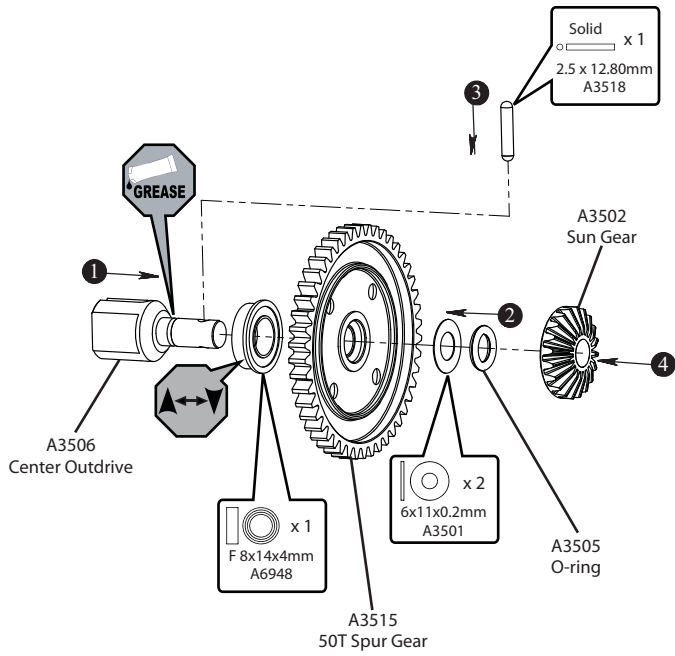
STEP B-13

Completed Front Assembly



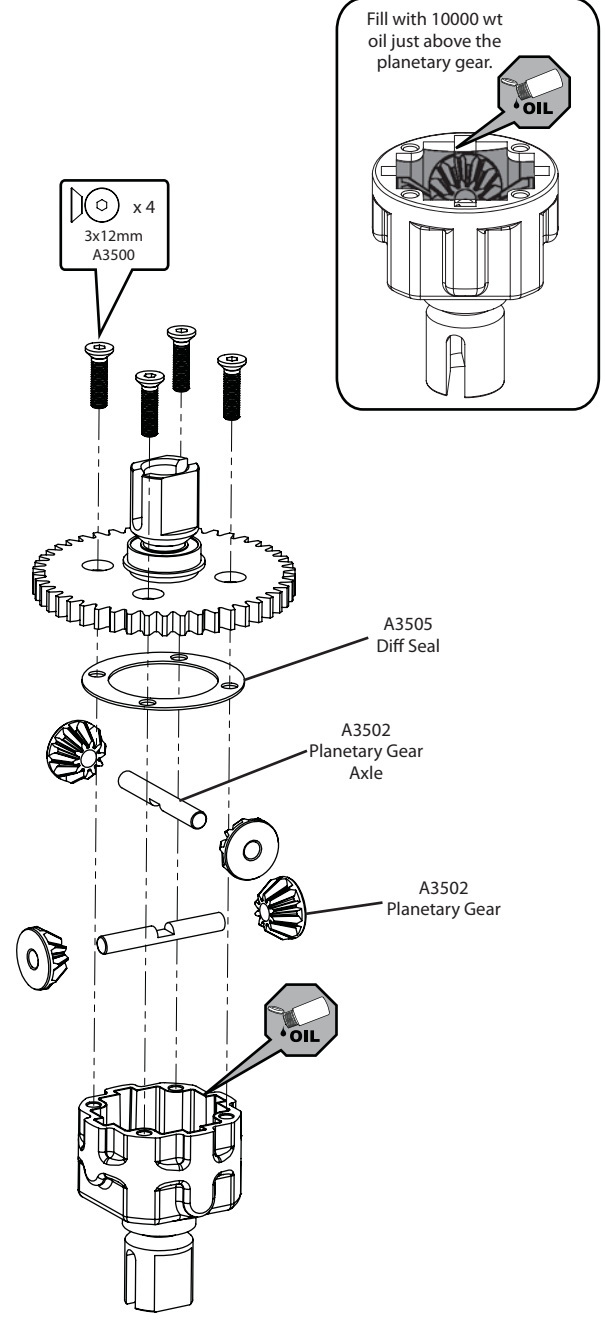
STEP C-01

Ring Gear Assembly



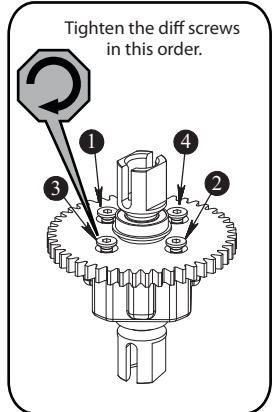
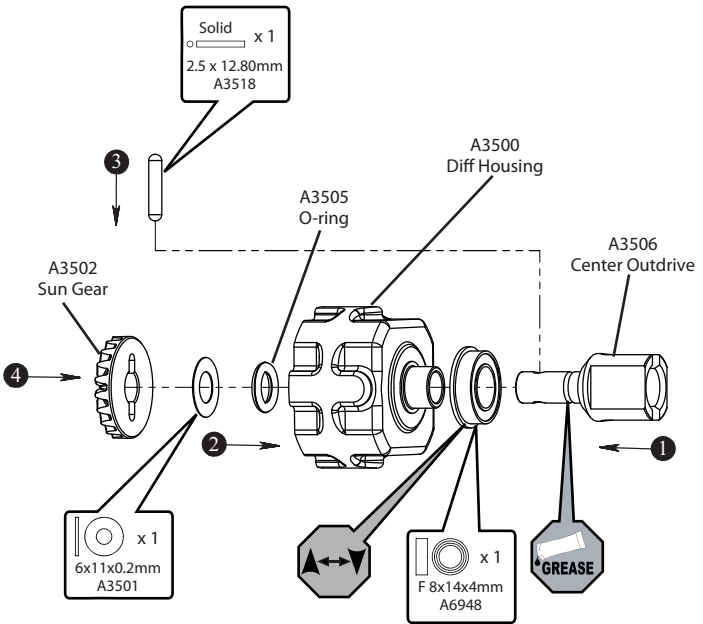
STEP C-03

Complete Diff Assembly



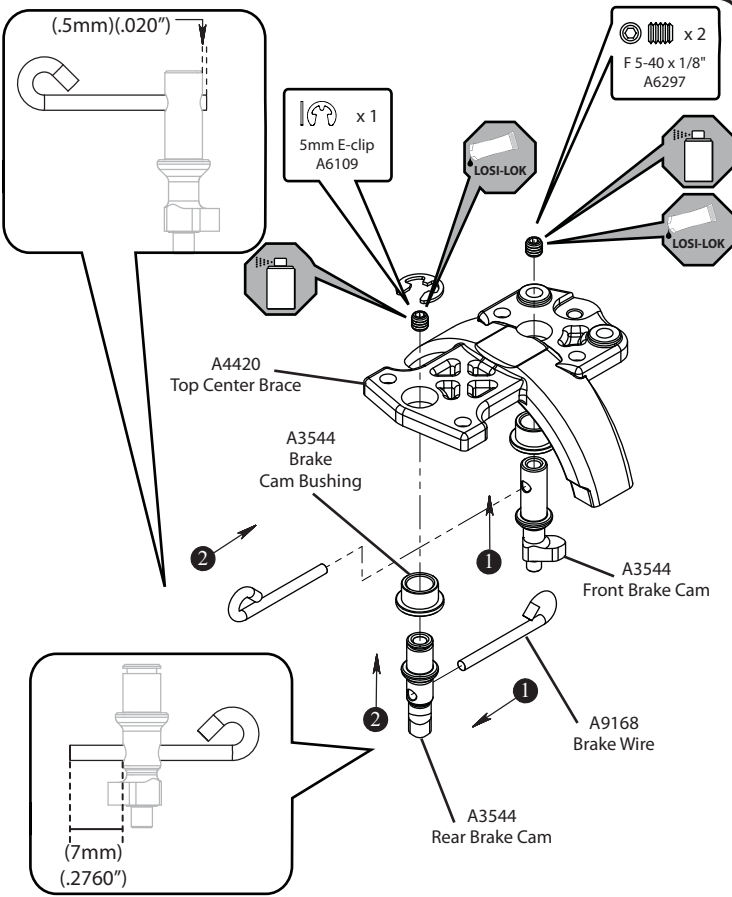
STEP C-02

Diff Case Assembly



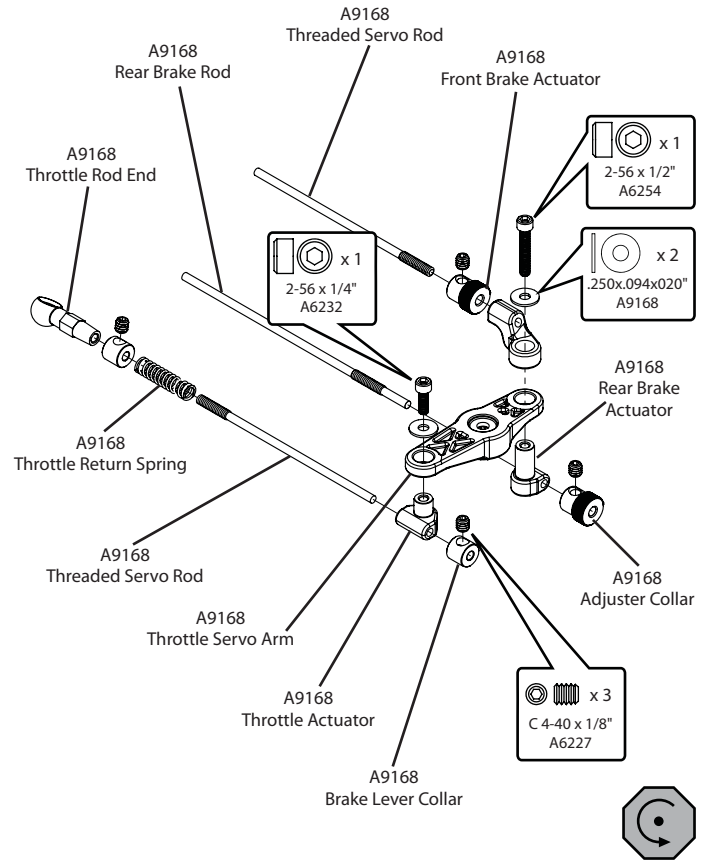
STEP C-04

Center Top Brace Assembly



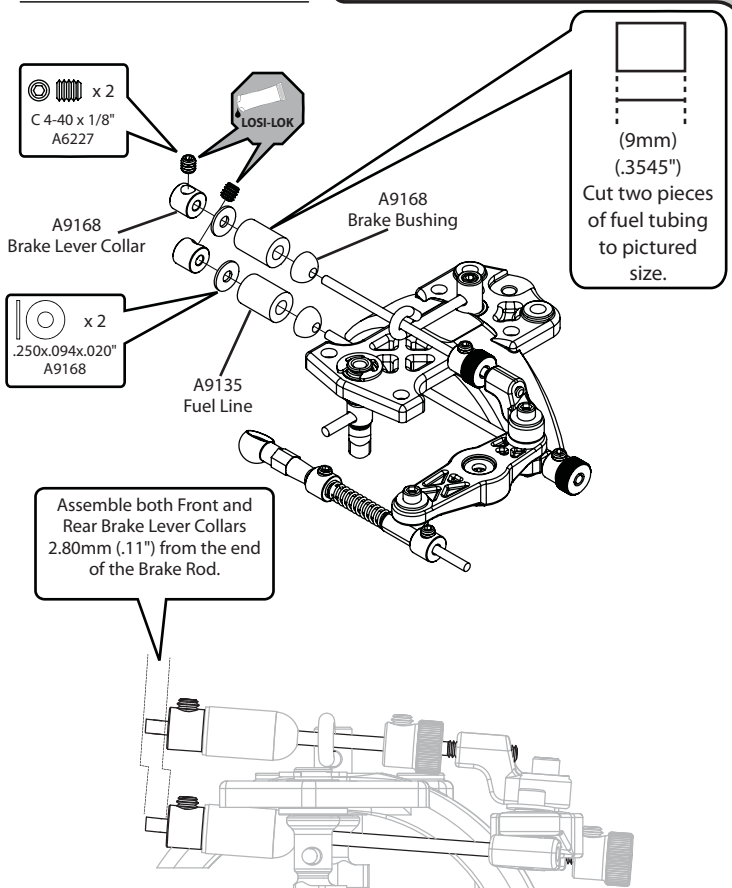
STEP C-05

Linkage Assembly



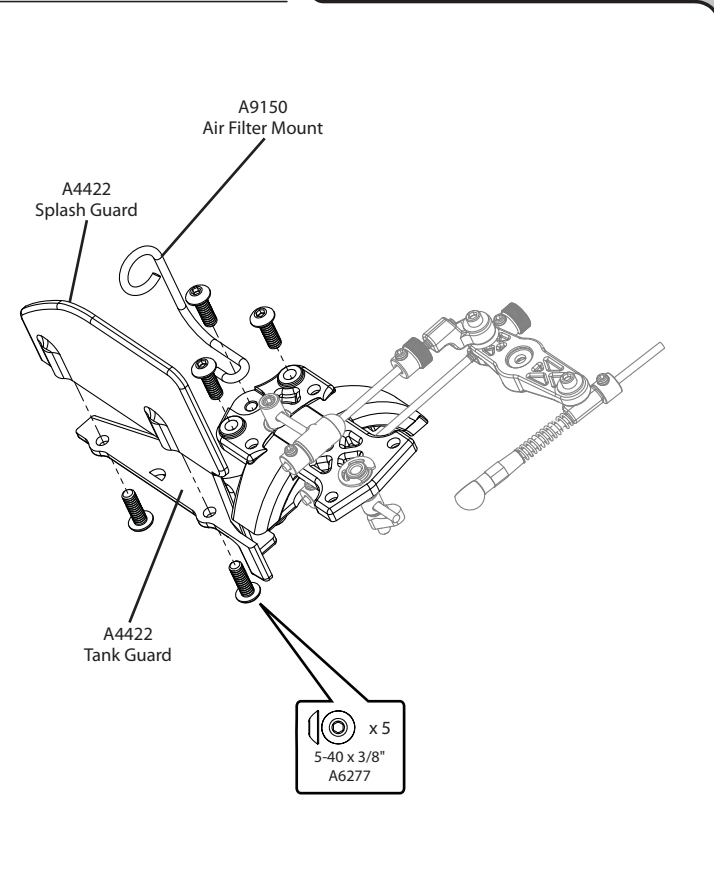
STEP C-06

Linkage Assembly



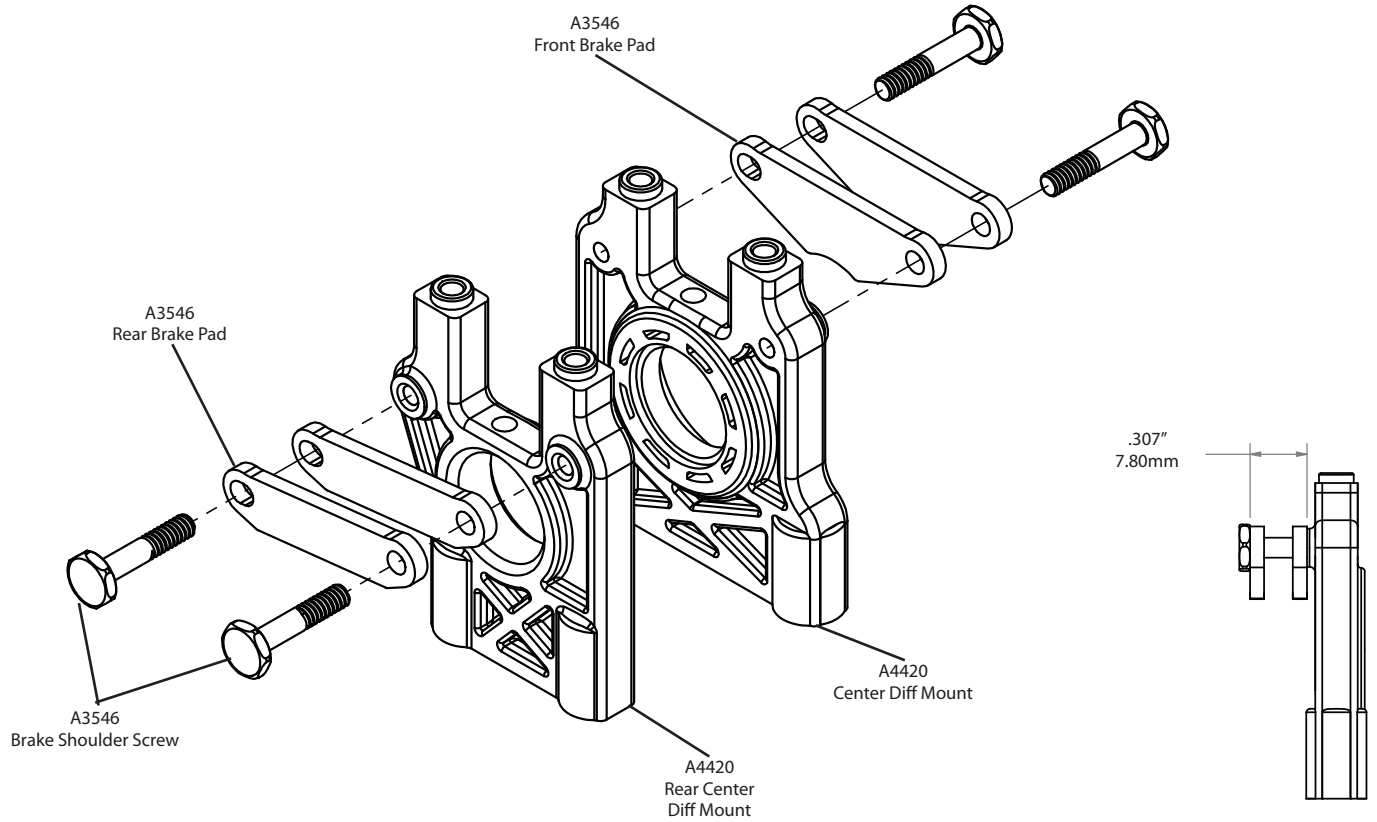
STEP C-07

Air Filter Mount & Guard



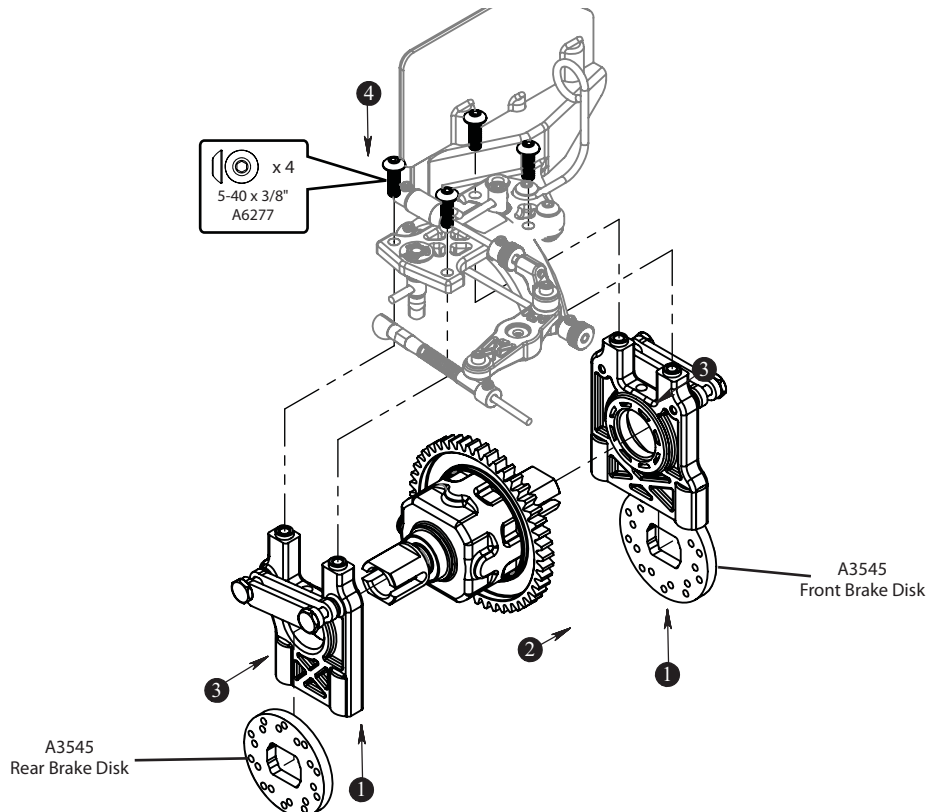
STEP C-08

Brake Caliper Assembly



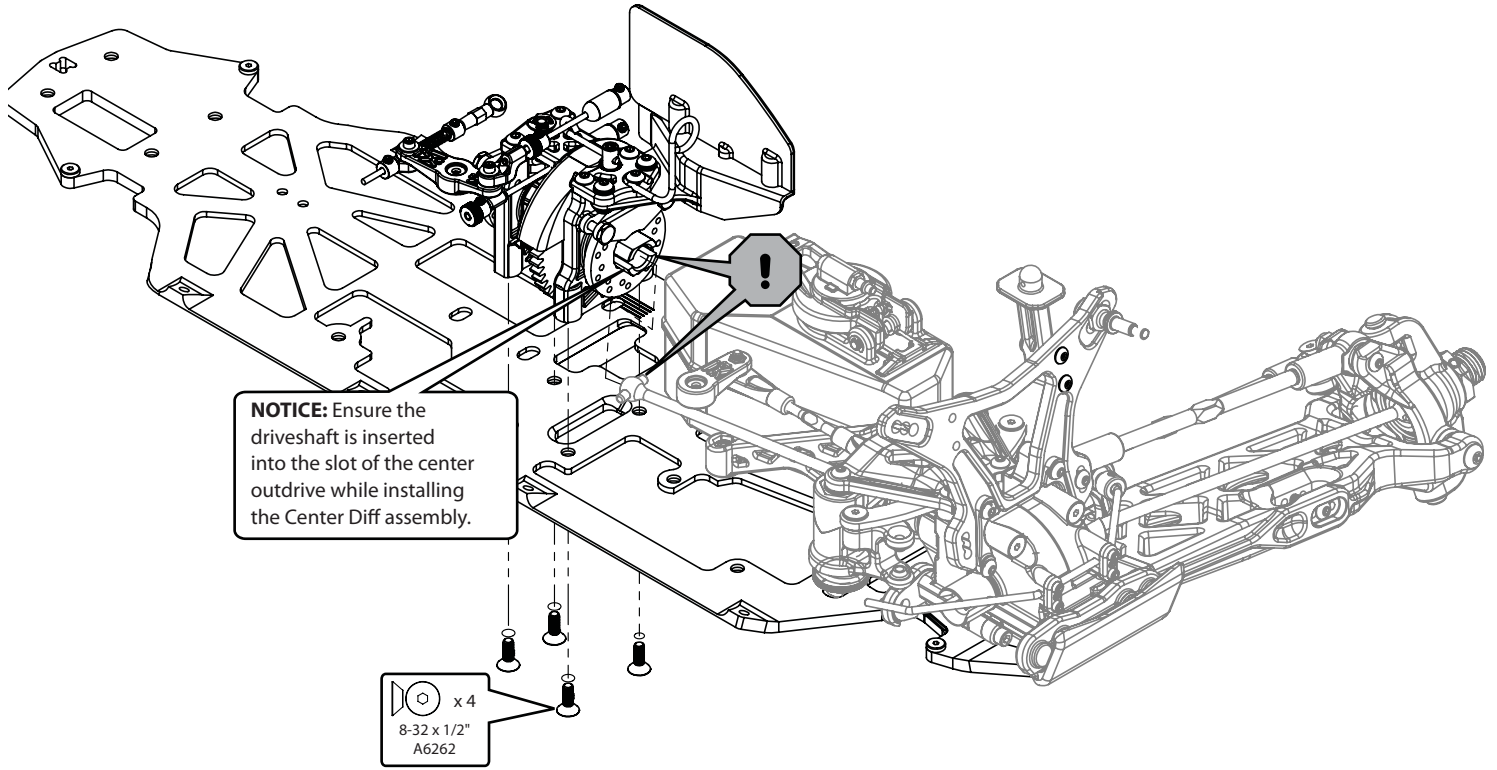
STEP C-09

Center Diff/Brake Rotor Assembly



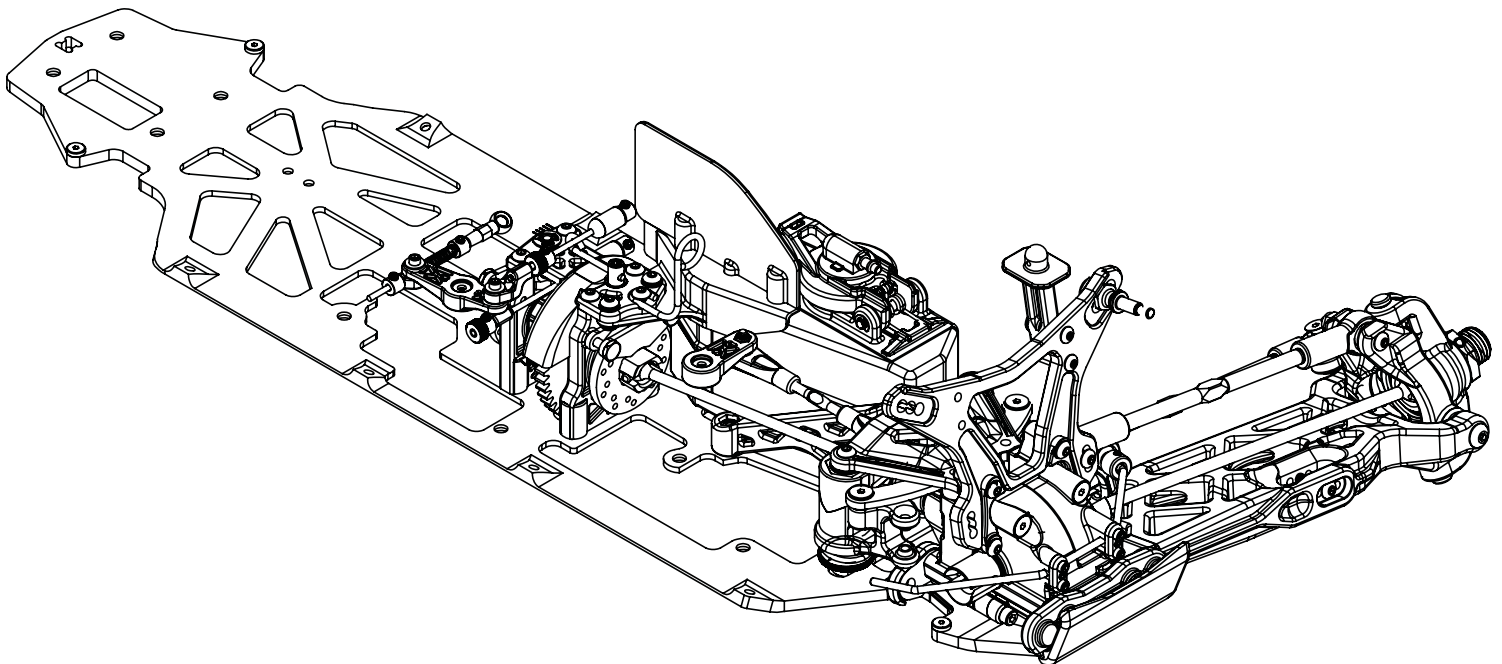
□ **STEP C-10**

Center Diff Installation



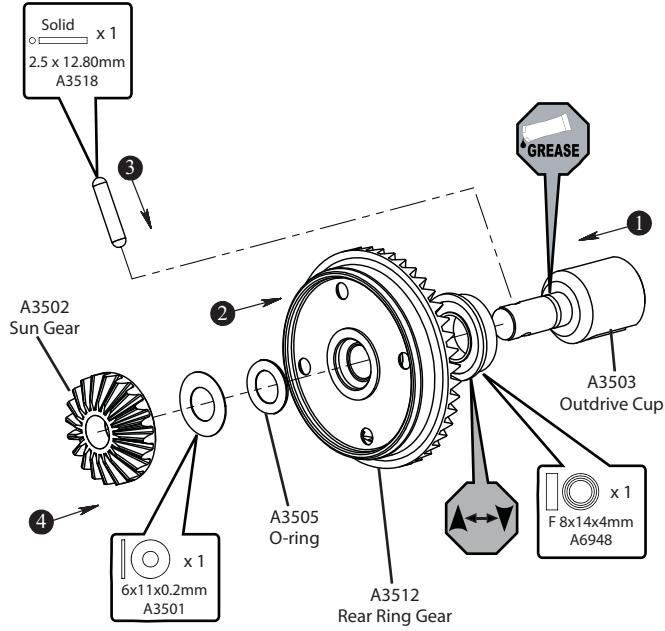
□ **STEP C-11**

Completed Center Diff Assembly



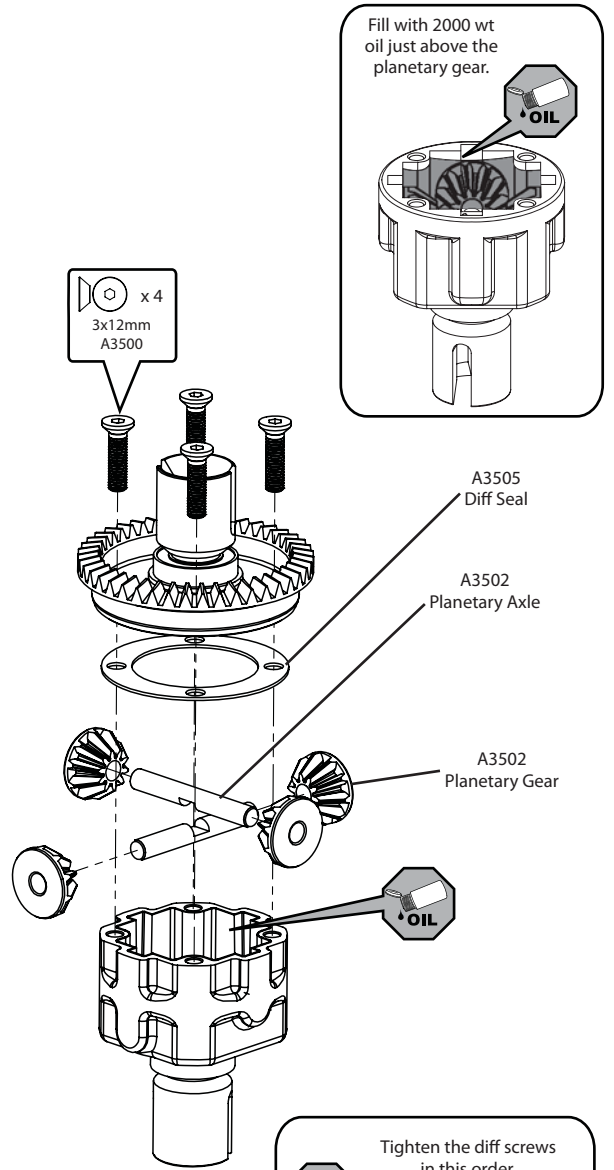
STEP D-01

Ring Gear Assembly



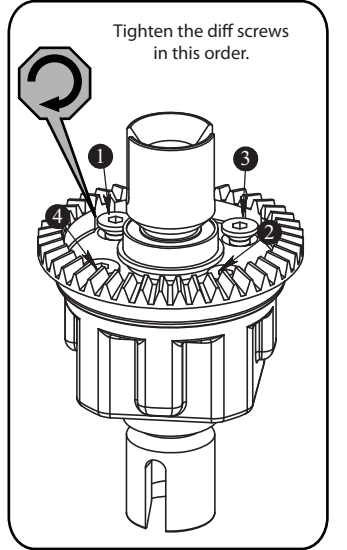
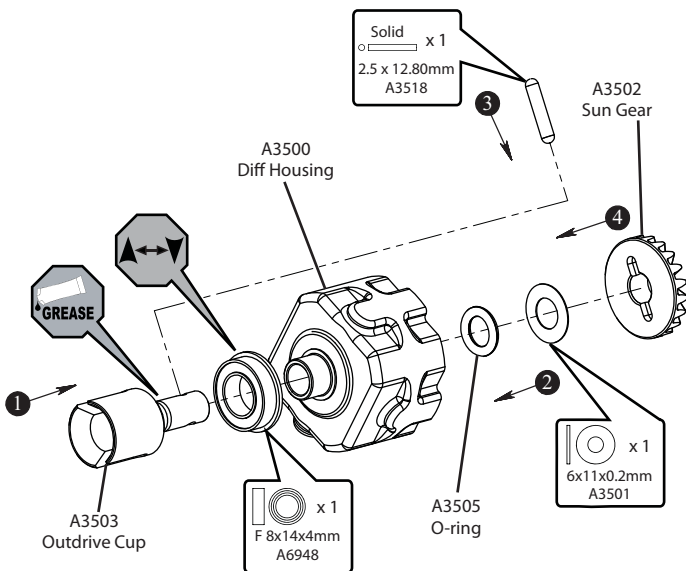
STEP D-03

Complete Diff Assembly



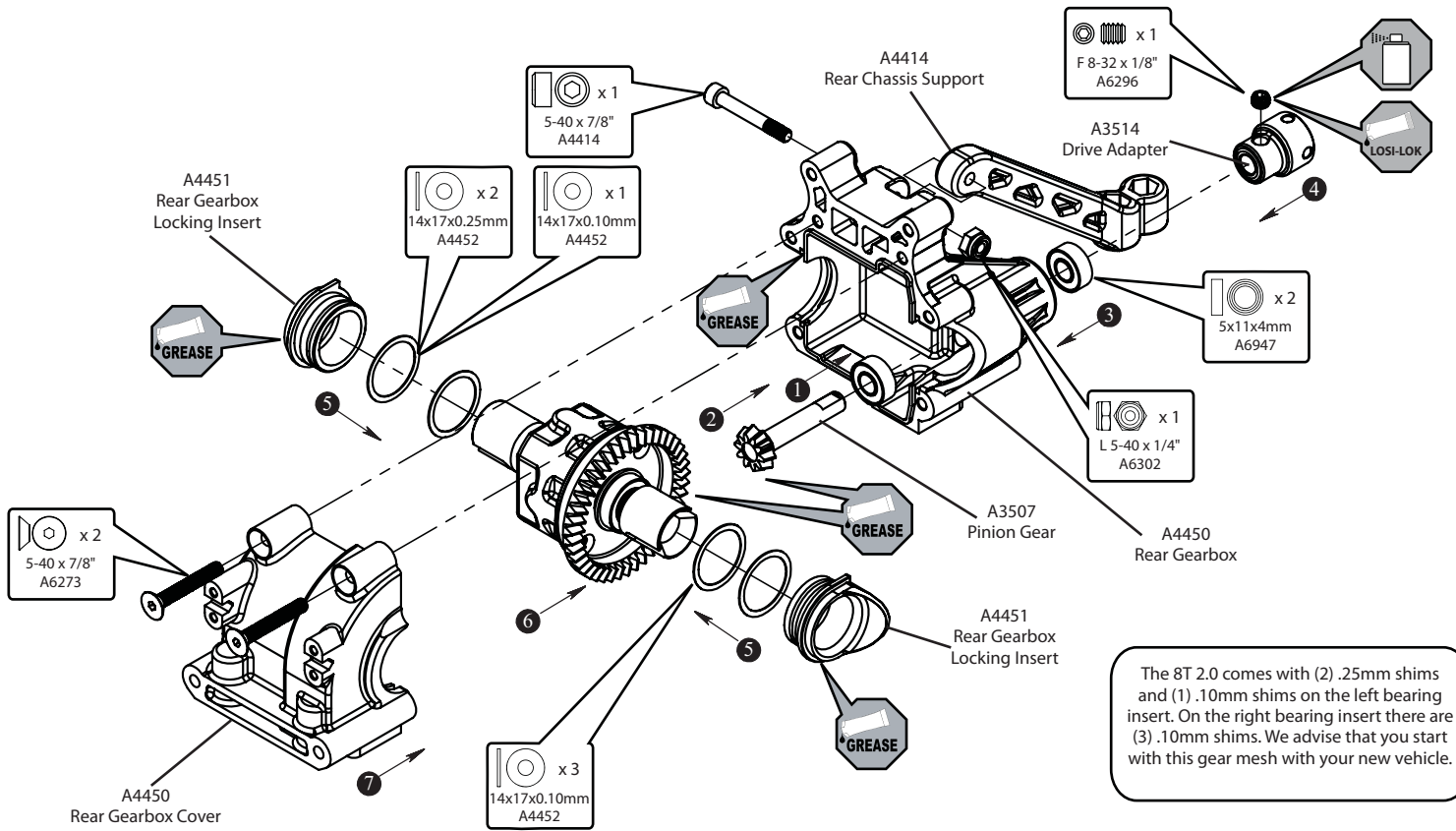
STEP D-02

Diff Case Assembly



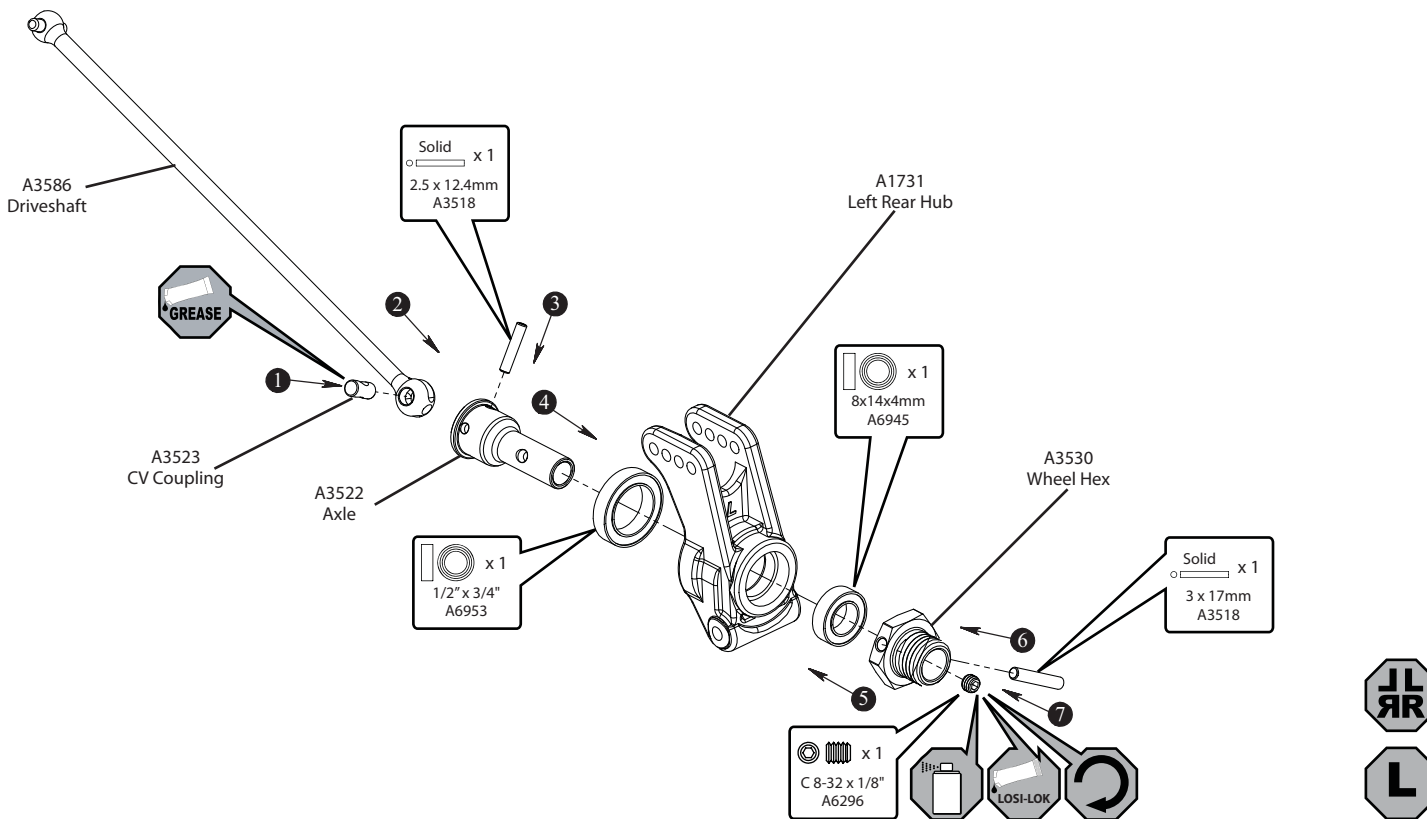
STEP D-04

Rear Diff Installation



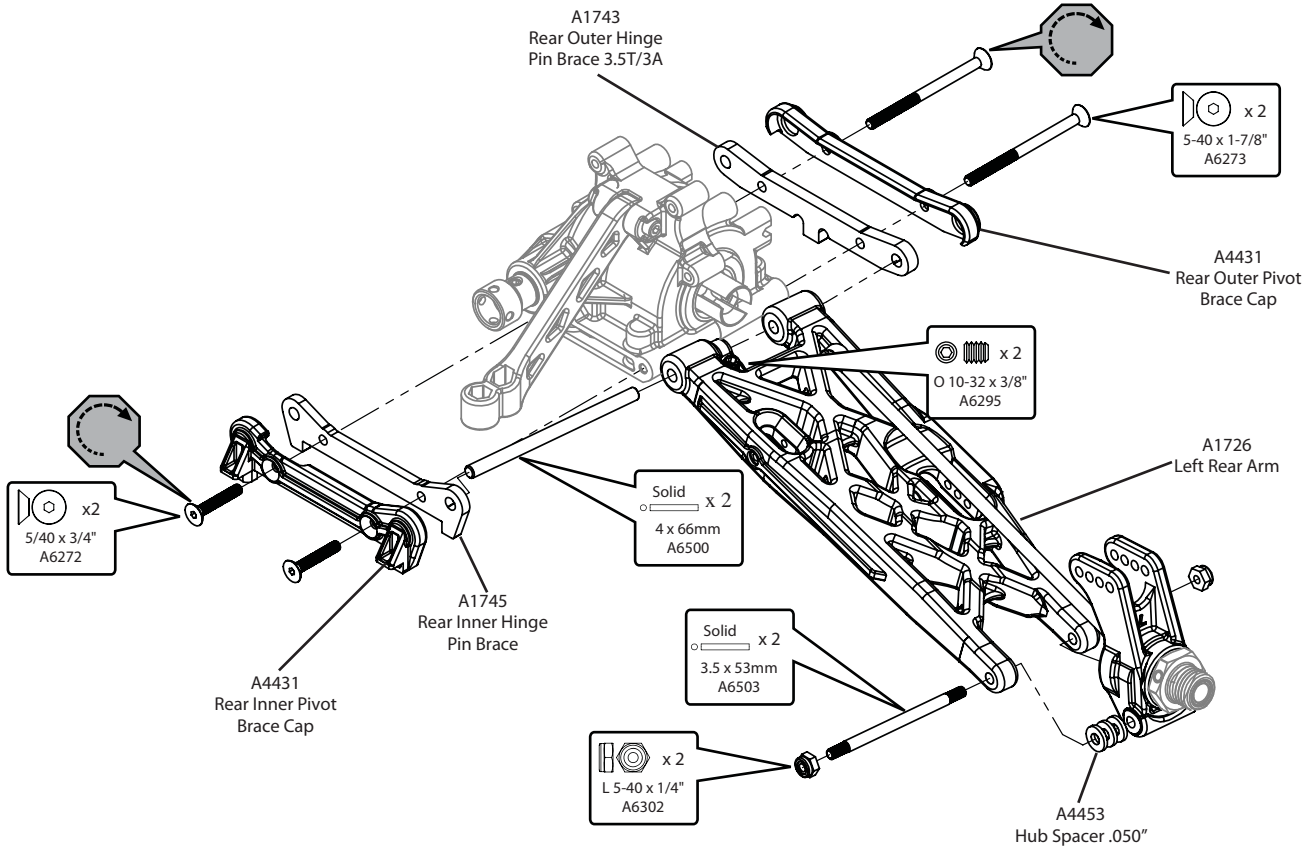
STEP D-05

Rear Hub & CV Assembly



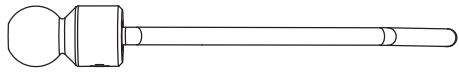
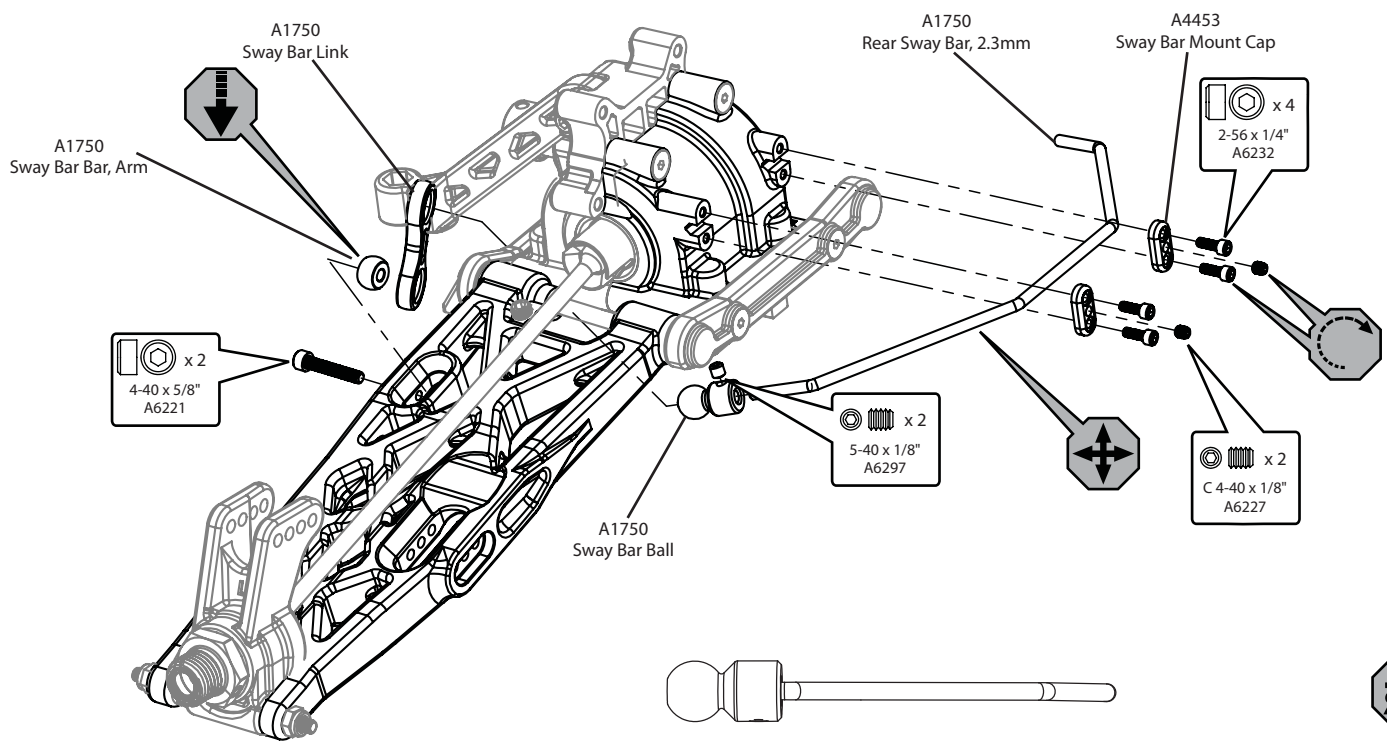
STEP D-06

Rear Suspension Arm Assembly



STEP D-07

Sway Bar Assembly

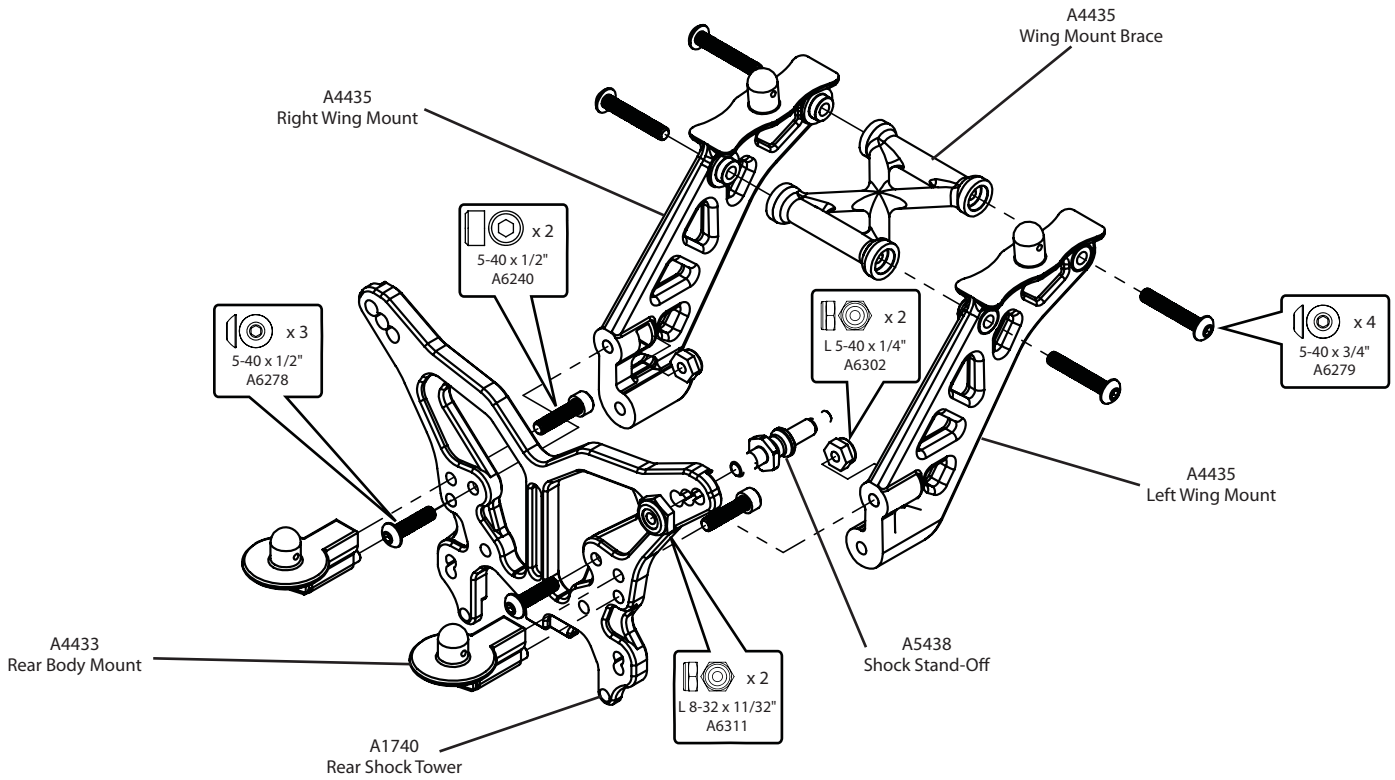


Install the Sway Bar Ball onto the Sway Bar Wire until the end of the wire is flush with the ball as pictured above.



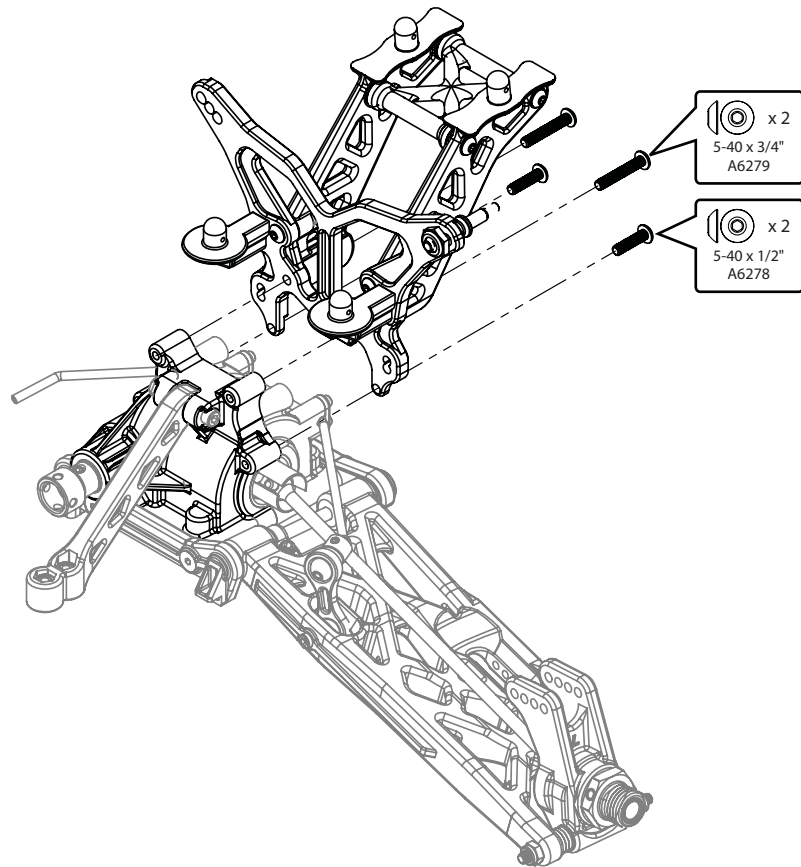
STEP D-08

Wing Mount Assembly



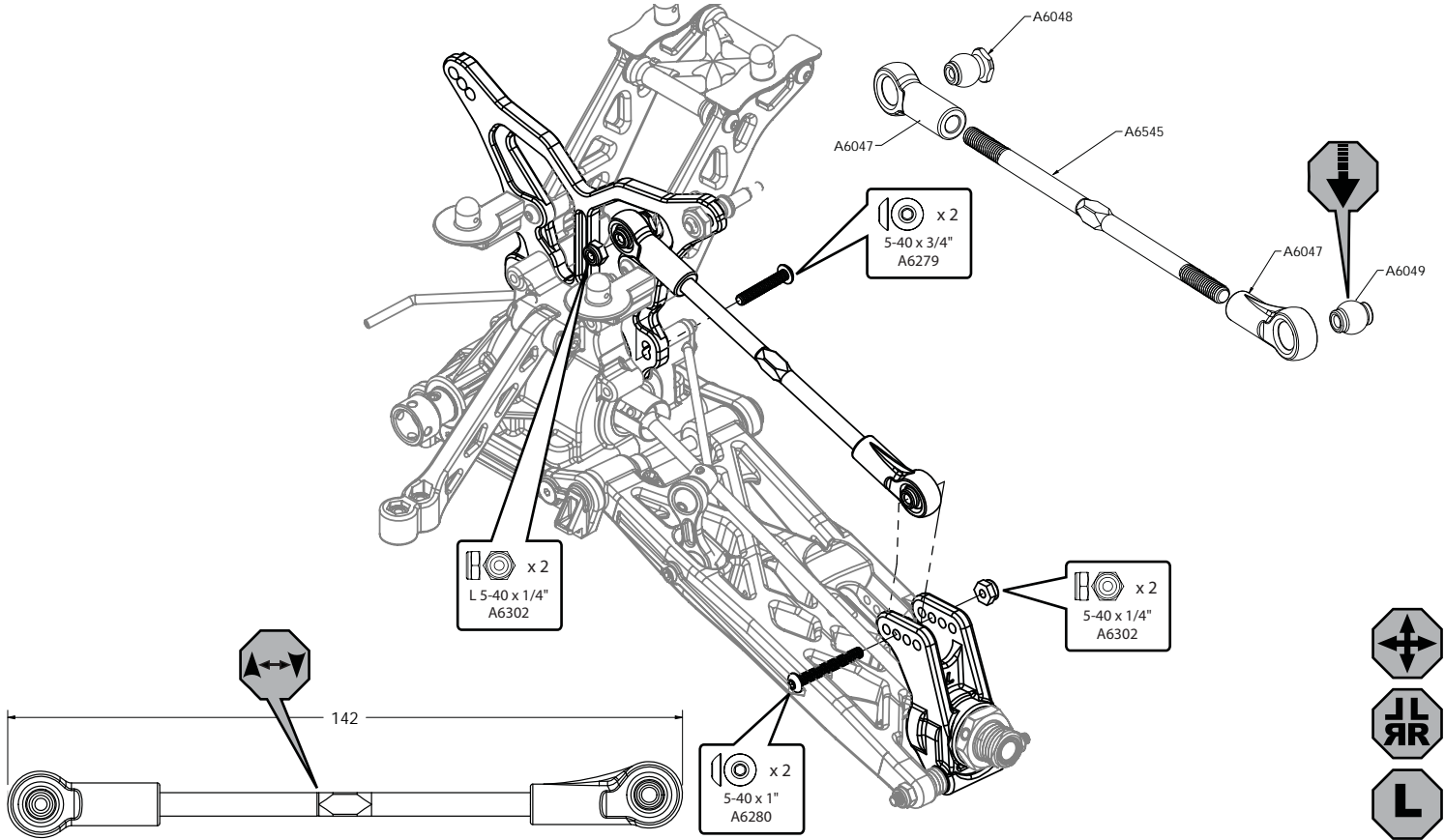
STEP D-09

Rear Shock Tower Installation



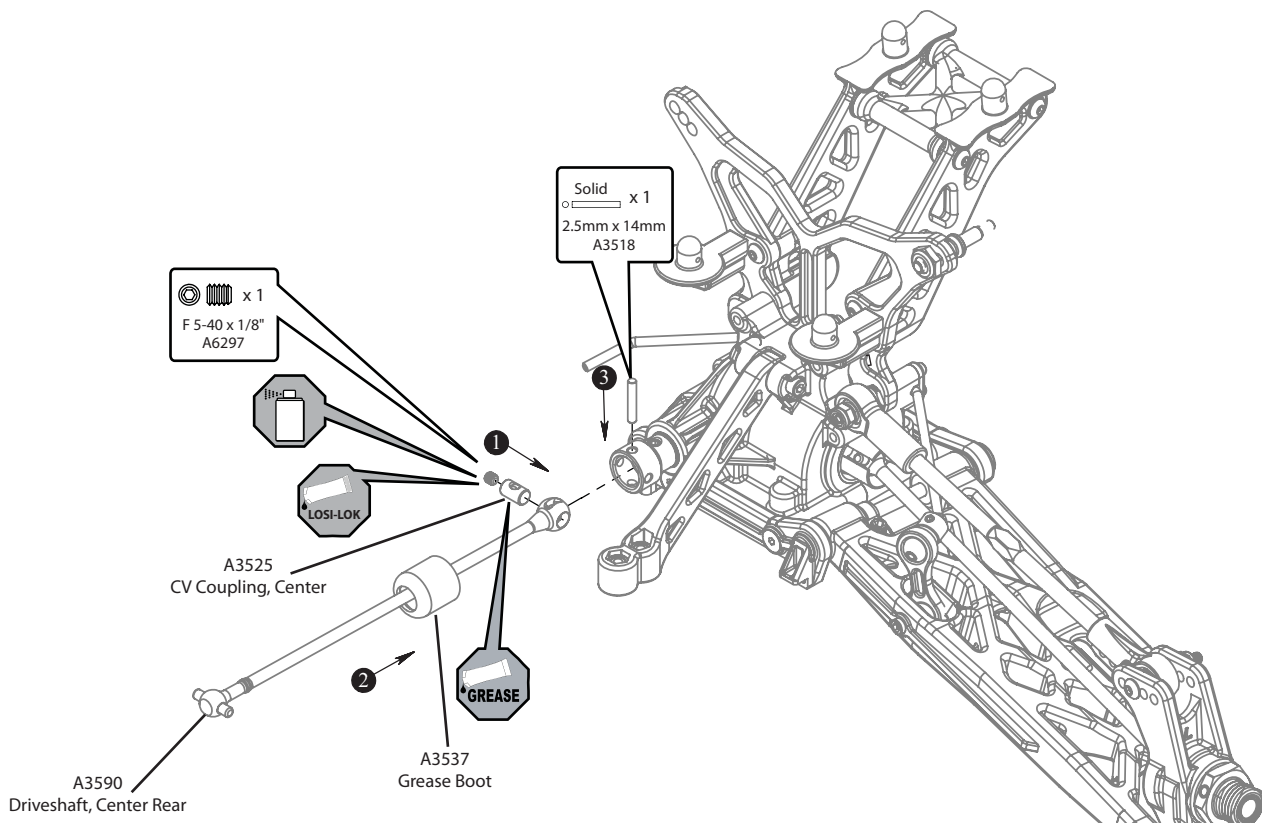
STEP D-10

Tie Rod Installation



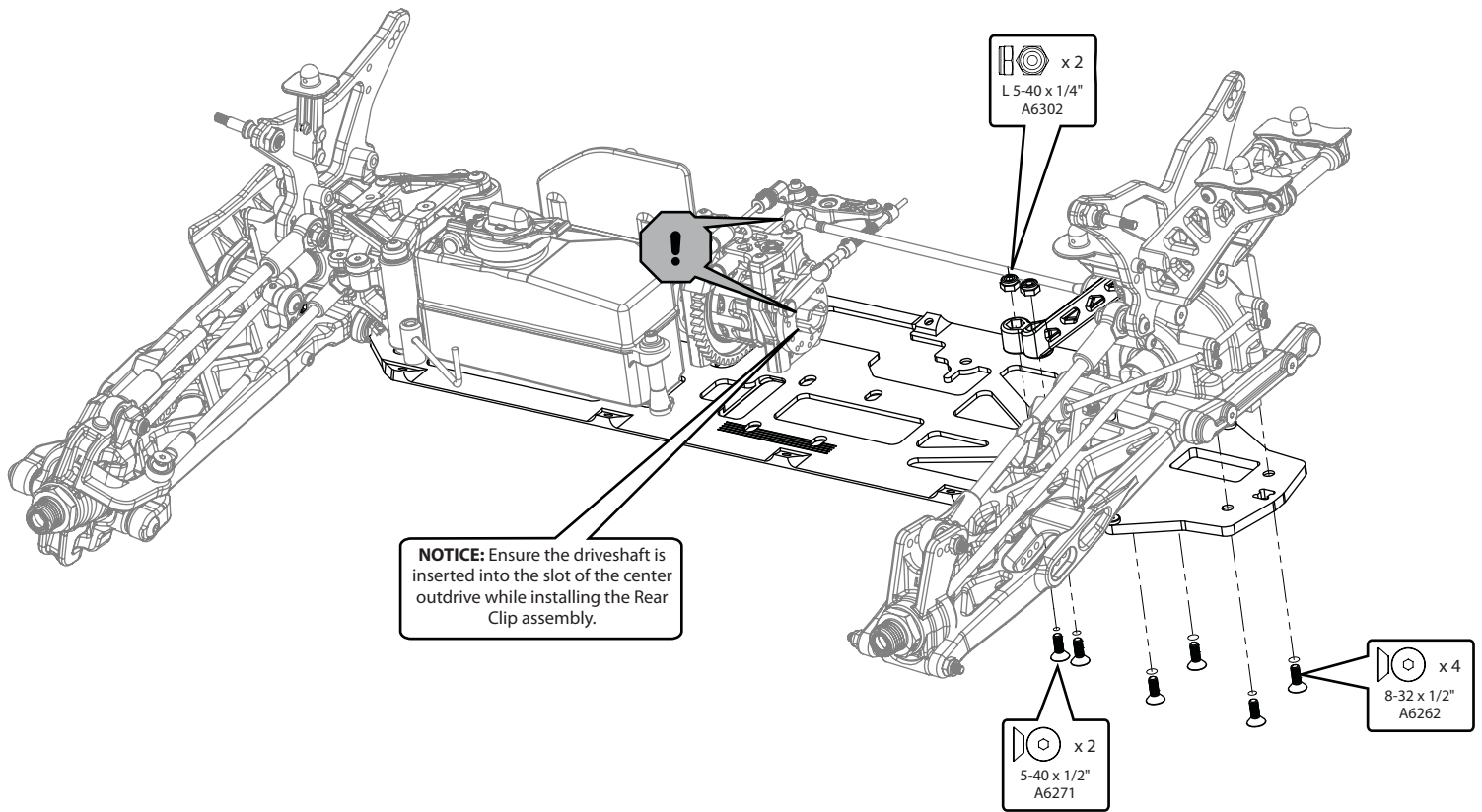
STEP D-11

Center CV Assembly



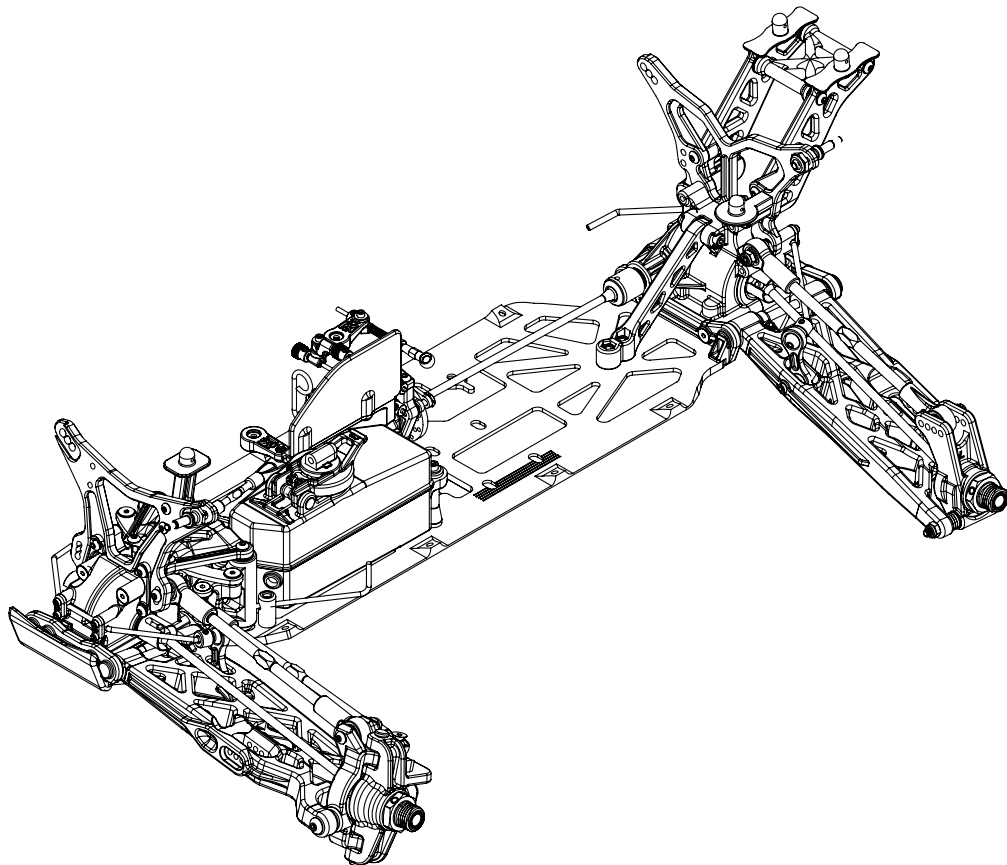
STEP D-12

Rear Clip Assembly



STEP D-13

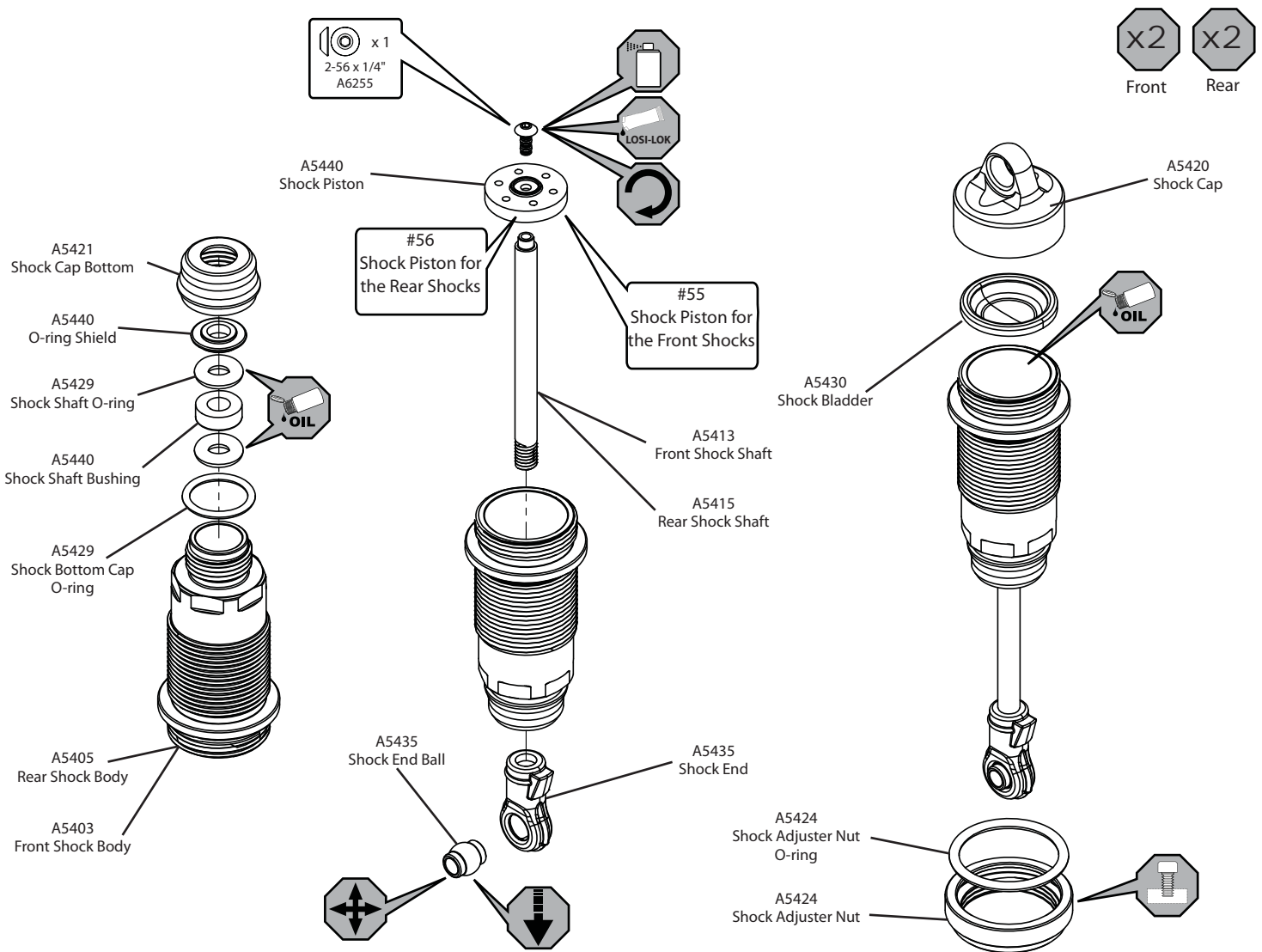
Completed Rear Assembly



STEP E-01

Shock Assembly

- Clean the 2-56 x 1/4" Button Head Screw and apply Losi-Lok to the threads.
- Install the #55 Shock Piston on the front shock shaft and a #56 Shock Piston on the rear shock shaft using the 2-56 x 1/4" Button Screw into the Shock Shaft with a .050" Allen Wrench.
- Place a drop of Shock Oil into the bottom of the Shock Body to lubricate the Shock Seals.
- Thread the Shock Shaft into the Shock End using pliers. Use caution when threading the Shock Ends onto the Shafts. Avoid gouging or scratching the Shock Shaft while gripping the Shock Shaft with pliers by placing the edge of a towel over the shaft, then gripping the portion of the shaft covered by the towel. This method will work very well to protect the Shock Shafts from damage.
- Ensure the Shaft is fully extended when filling the shock.
- Fill the Front Shock Body with 35 wt Shock Oil and the Rear Shock Body with 32.5 wt until the oil is to the top of the body.
- "Work" the Shock Shaft up and down 8 times. This will release the air bubbles trapped beneath the piston. Place the filled shock, in the upright position, off to the side for a few minutes until the air bubbles escape from the oil.
- Once all the air bubbles are out of the oil, gently place the Shock Bladder onto the shock as shown. Some oil should "bleed" from the shock.
- Screw the Shock Cap onto the Body until some resistance is felt.
- Slowly push the Shock Shaft up. This will bleed excess oil from the shock.
- Tighten the cap all the way down using the shock tools included in your vehicle.
- Move the Shock Shaft up and down. The shaft should be easy to push up into the body of the shock. If increased pressure is felt towards the top, there is too much oil in the shock. Loosen the Shock Cap and "bleed" the shock as done previously.
- Make sure each pair (front/rear) of shocks has the same rebound and compression. This is checked by holding one shock in each hand horizontally and pushing them together by the Shock End. Watch carefully to ensure that both compress evenly. Now release both shocks and again watch carefully as they should rebound the same.
- Install the Shock Adjustment Nut O-ring into the Shock Adjustment Nut before installing the Nut onto the Shock Body.

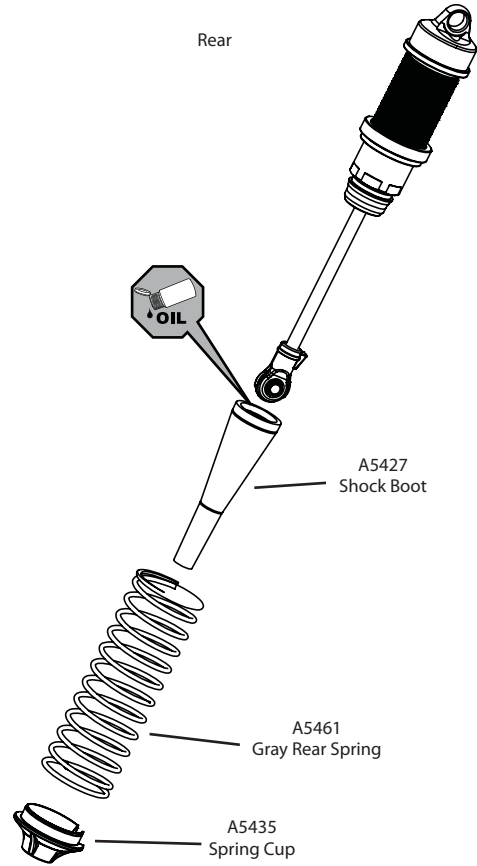
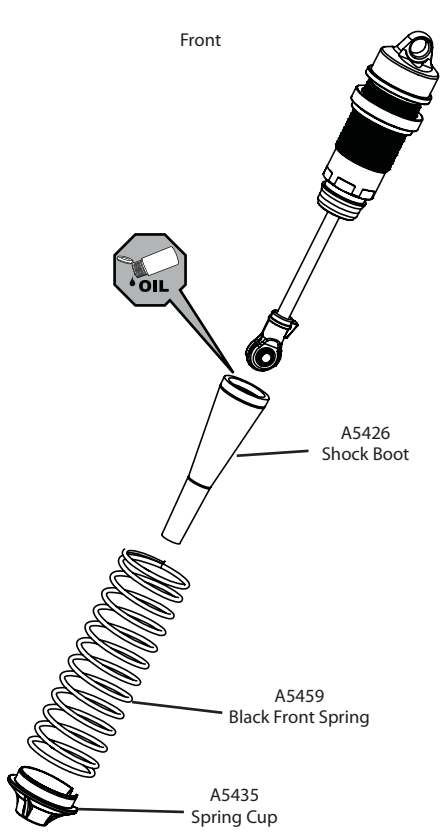


STEP E-02

Shock Boot & Spring Assembly

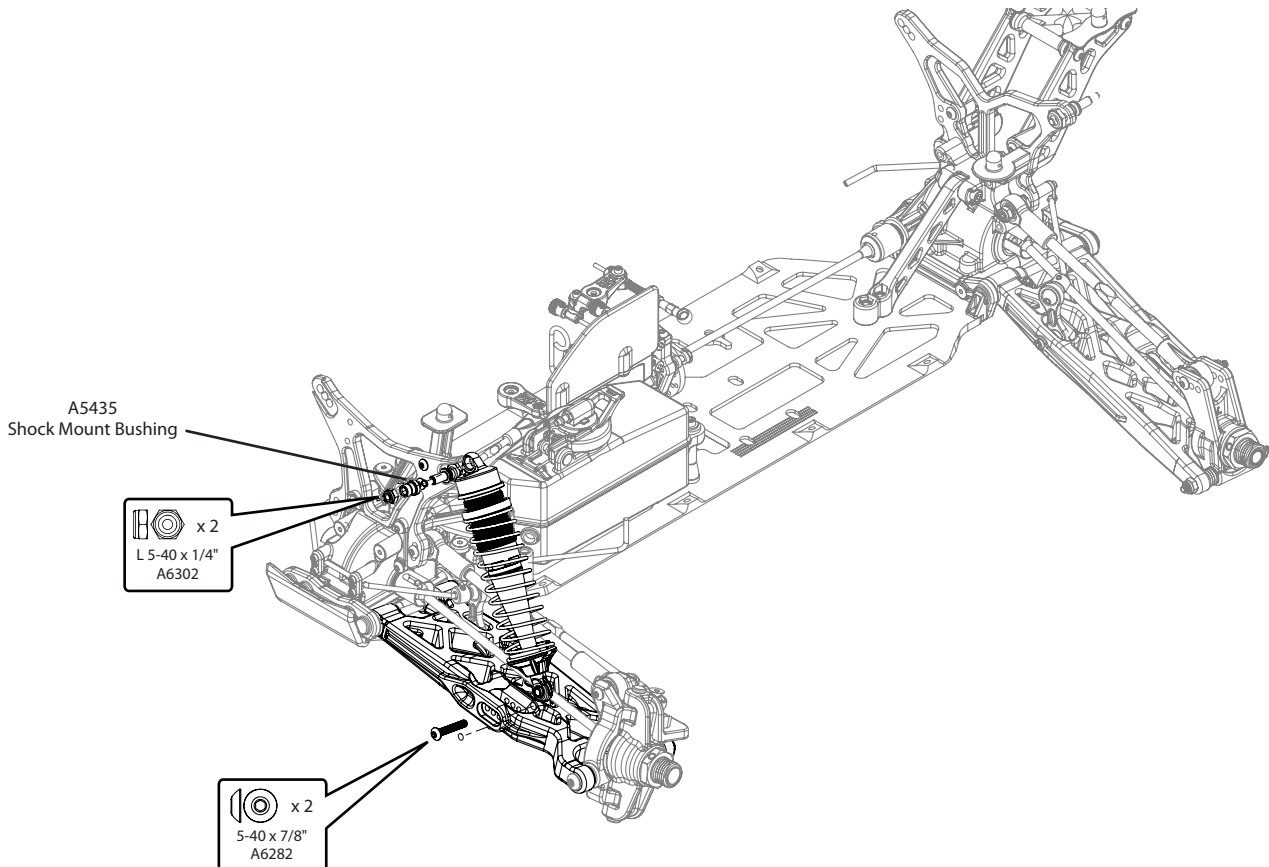
x2
Front

x2
Rear



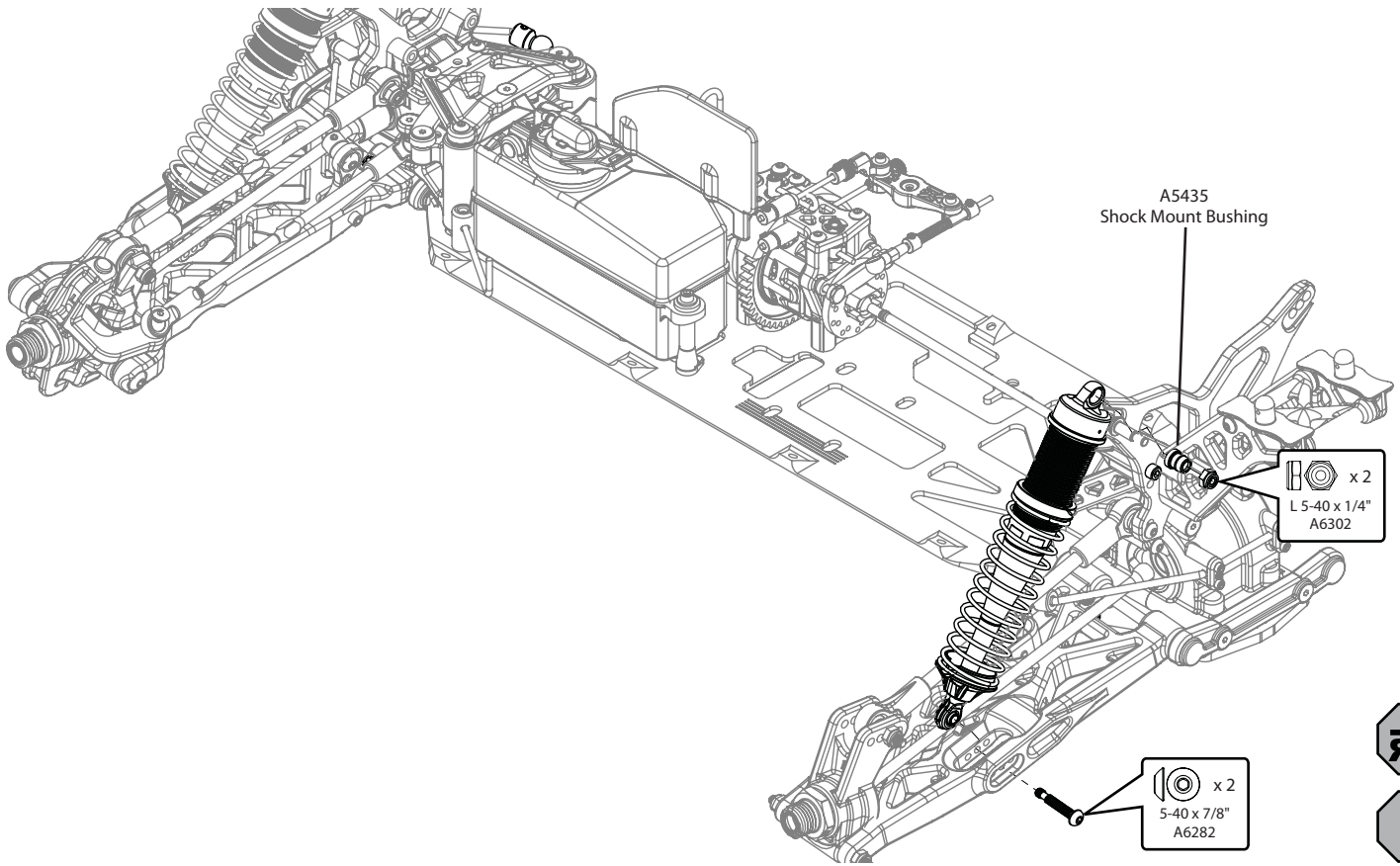
STEP E-03

Front Shock Installation



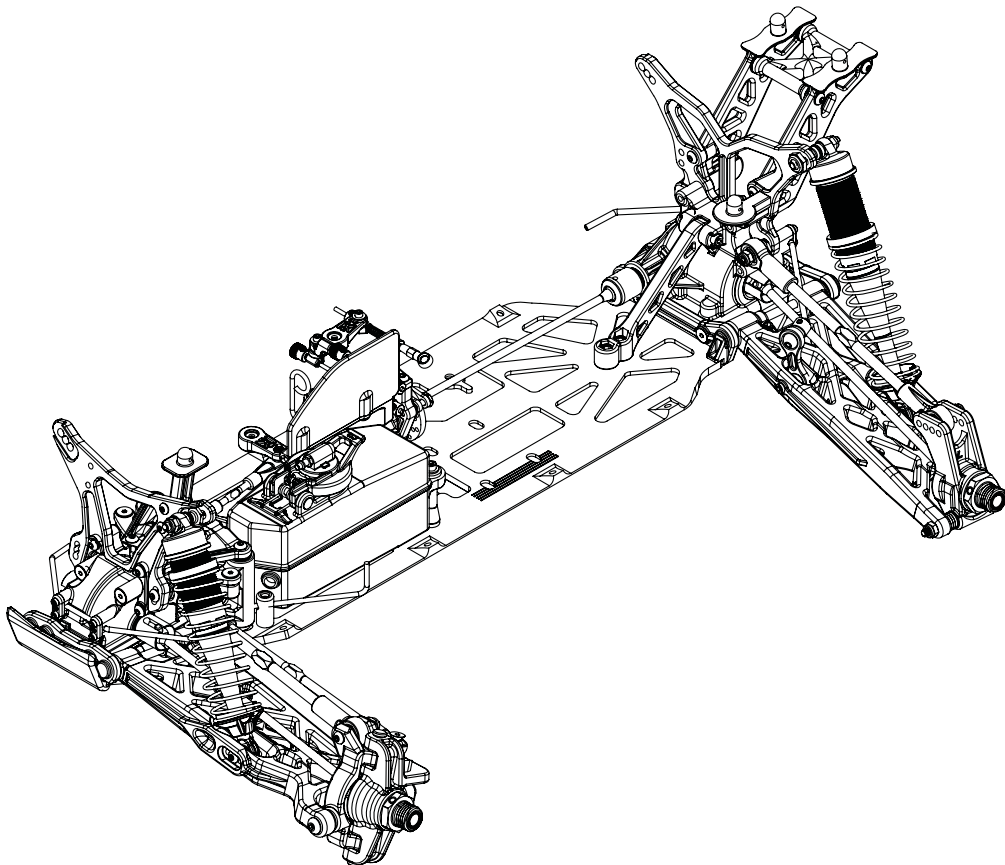
STEP E-04

Rear Shock Installation



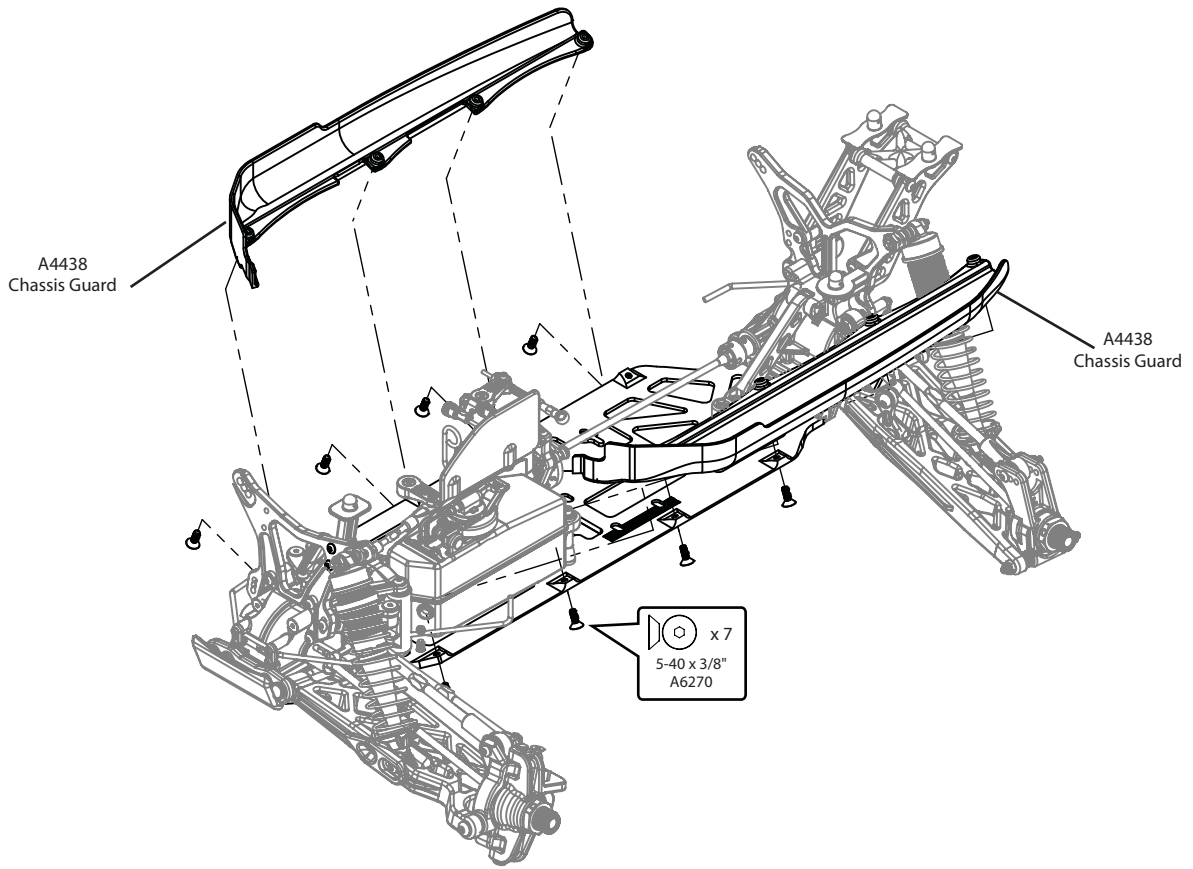
STEP E-05

Completed Shock Assembly



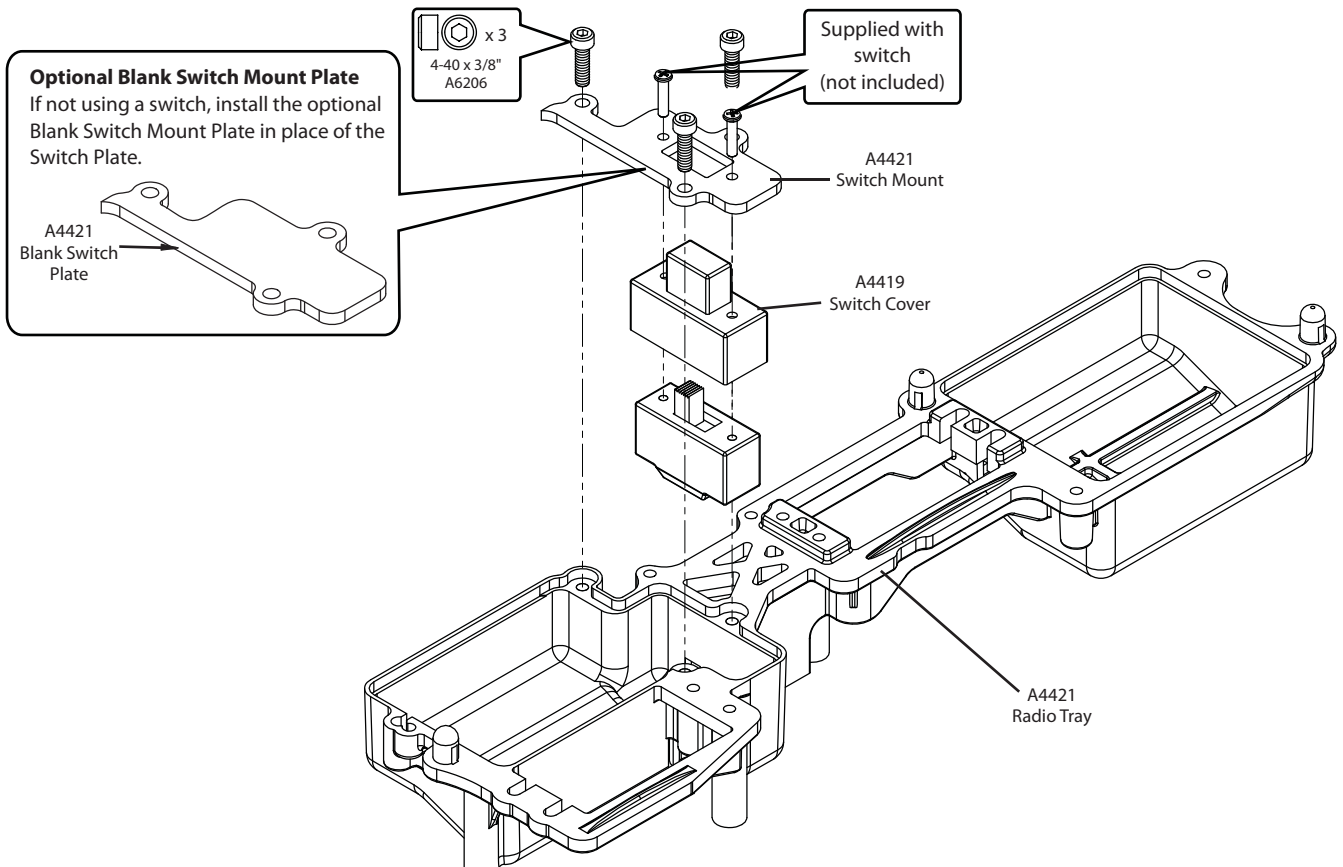
STEP F-01

Chassis Guard Installation



STEP F-02

Switch Installation

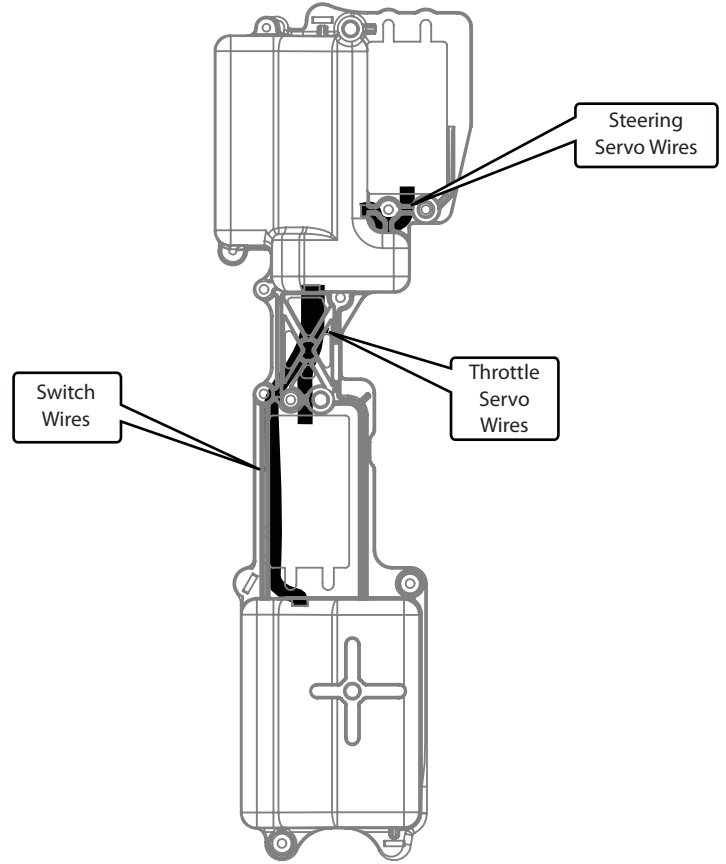


STEP F-03

Servo Chart/Wiring Diagram

Servo Manufacturer, Make/Model		Servo Spacer	Servo Horn
JR	All (DZ9100T/S Needs Spacer)	No	23T
Airtronics Sanwa	94357Z, 94358Z, 94649Z, 94360Z, 94452Z, 94758Z, 94737Z, 94738Z	Yes	23T
	94102Z, 94112Z	Yes	
Hitec	All	No	24T
Futaba	All (S9102 DOES NOT FIT)	No	25T
KO PROPO	PDS-2123, 2344, 2363, 2365, 2366	No	23T
		No	

Table2: Servo assembly and installation



Airtronics® is a registered mark of Sanwa Electronic Instrument Co., Ltd., Osaka, Japan.

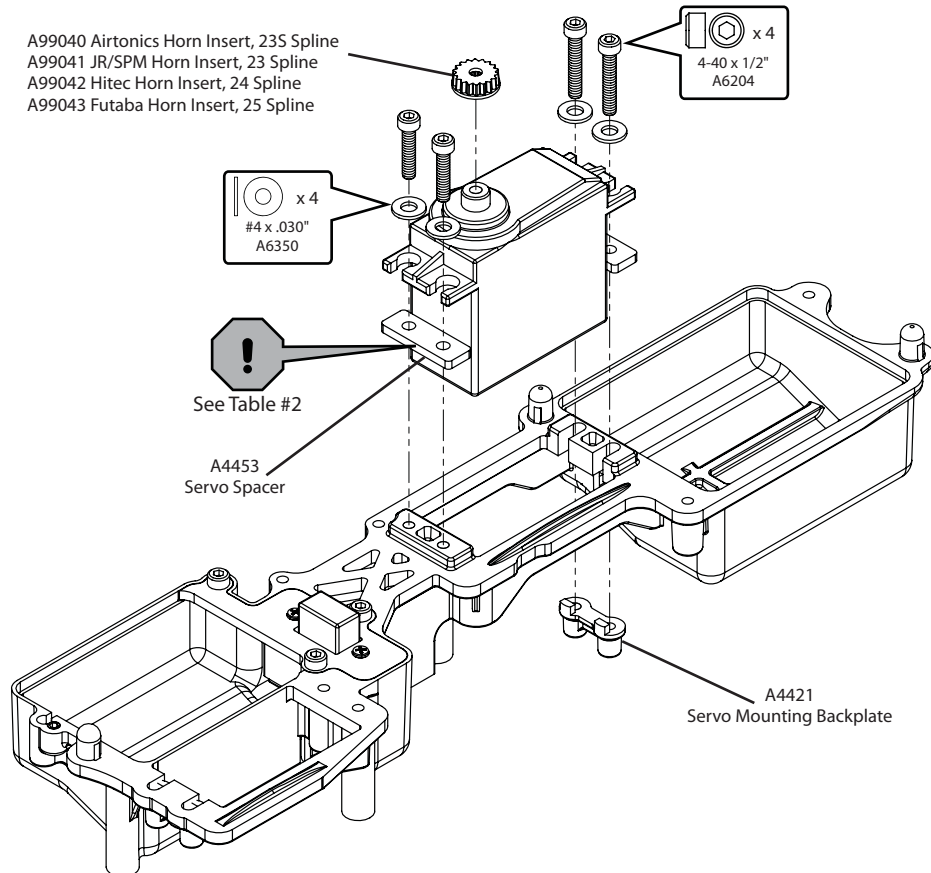
Futaba is a registered trademark of Futaba Denshi Kogyo Kabushiki Kaisha Corporation of Japan

KO PROPO® is a registered trademark of Kondo Kagaku Co., Ltd., Tokyo, Japan.

Hitec is a trademark or registered trademark of Hitec RCD USA, Inc.

STEP F-04

Throttle Servo Installation

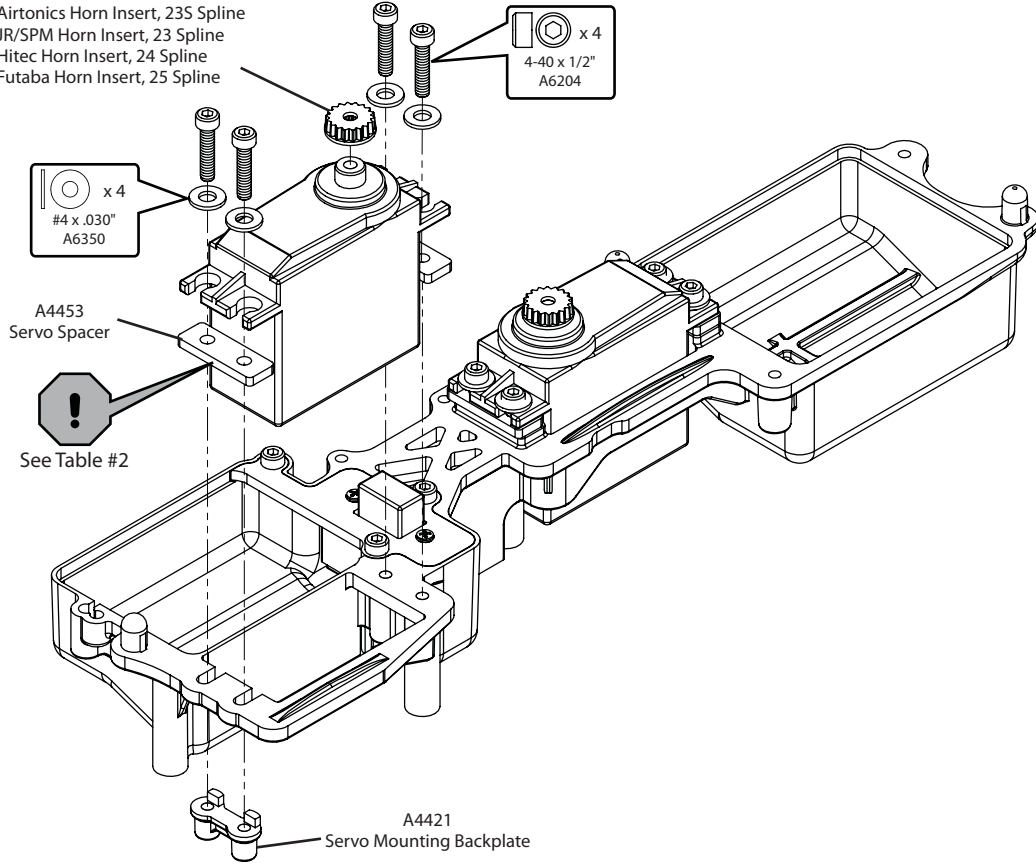


- A99040 Airtronics Horn Insert, 23S Spline
- A99041 JR/SPM Horn Insert, 23 Spline
- A99042 Hitec Horn Insert, 24 Spline
- A99043 Futaba Horn Insert, 25 Spline

STEP F-05

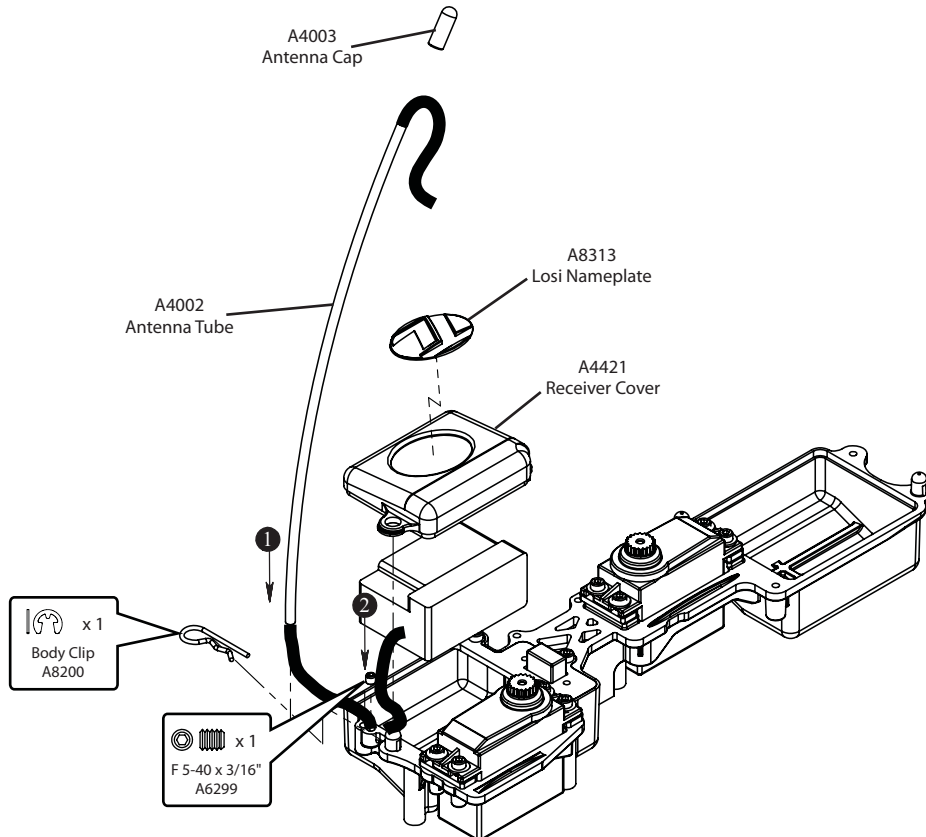
Steering Servo Installation

- A99040 Airtronics Horn Insert, 23S Spline
- A99041 JR/SPM Horn Insert, 23 Spline
- A99042 Hitec Horn Insert, 24 Spline
- A99043 Futaba Horn Insert, 25 Spline



STEP F-06

Receiver/Antenna Tube Assembly

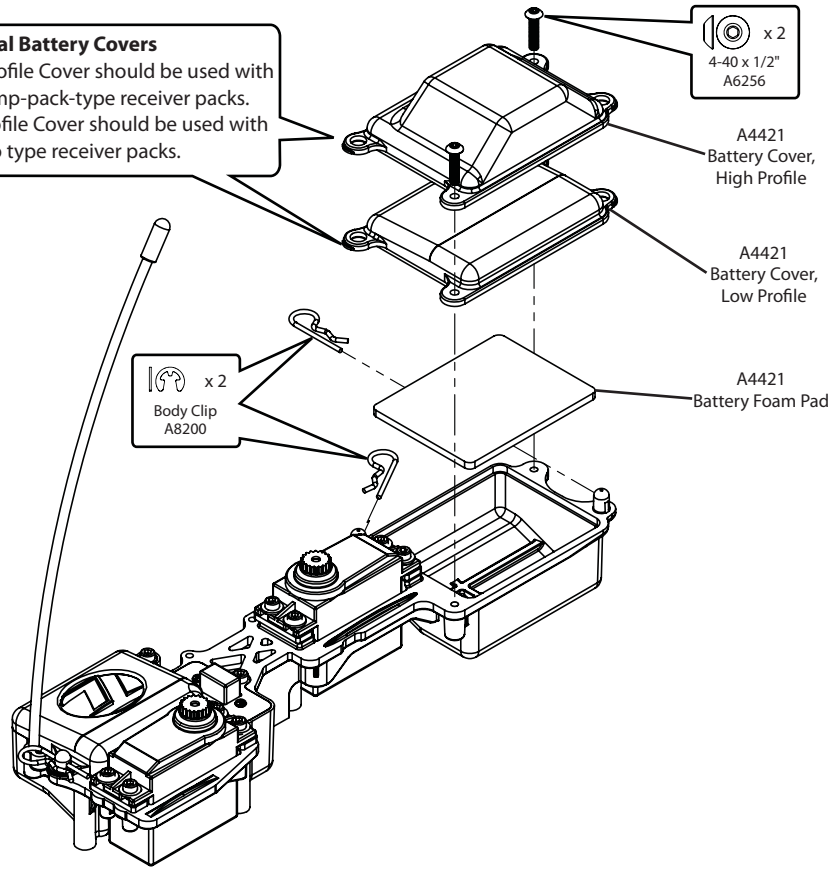


STEP F-07

Receiver Battery Door

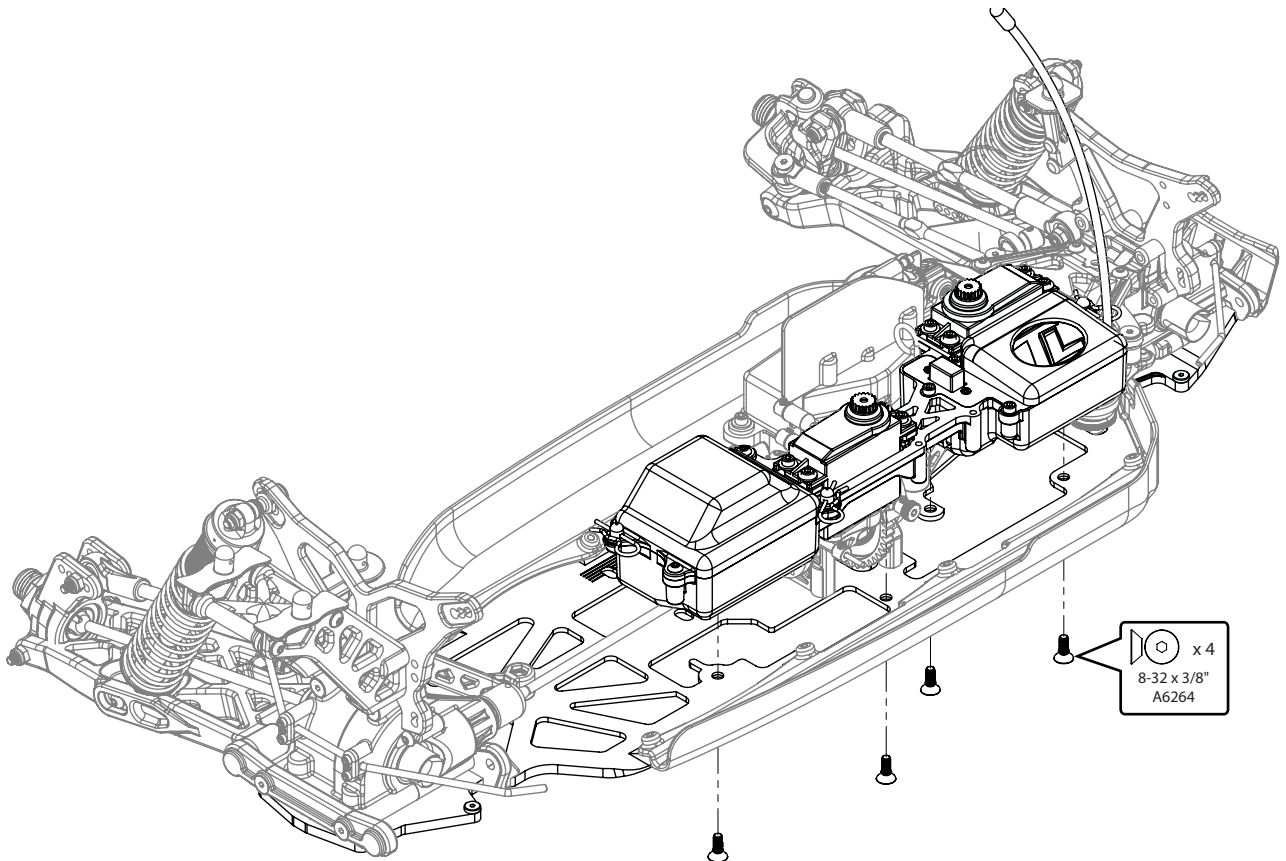
Optional Battery Covers

High Profile Cover should be used with the Hump-pack-type receiver packs. Low Profile Cover should be used with the LiPo type receiver packs.



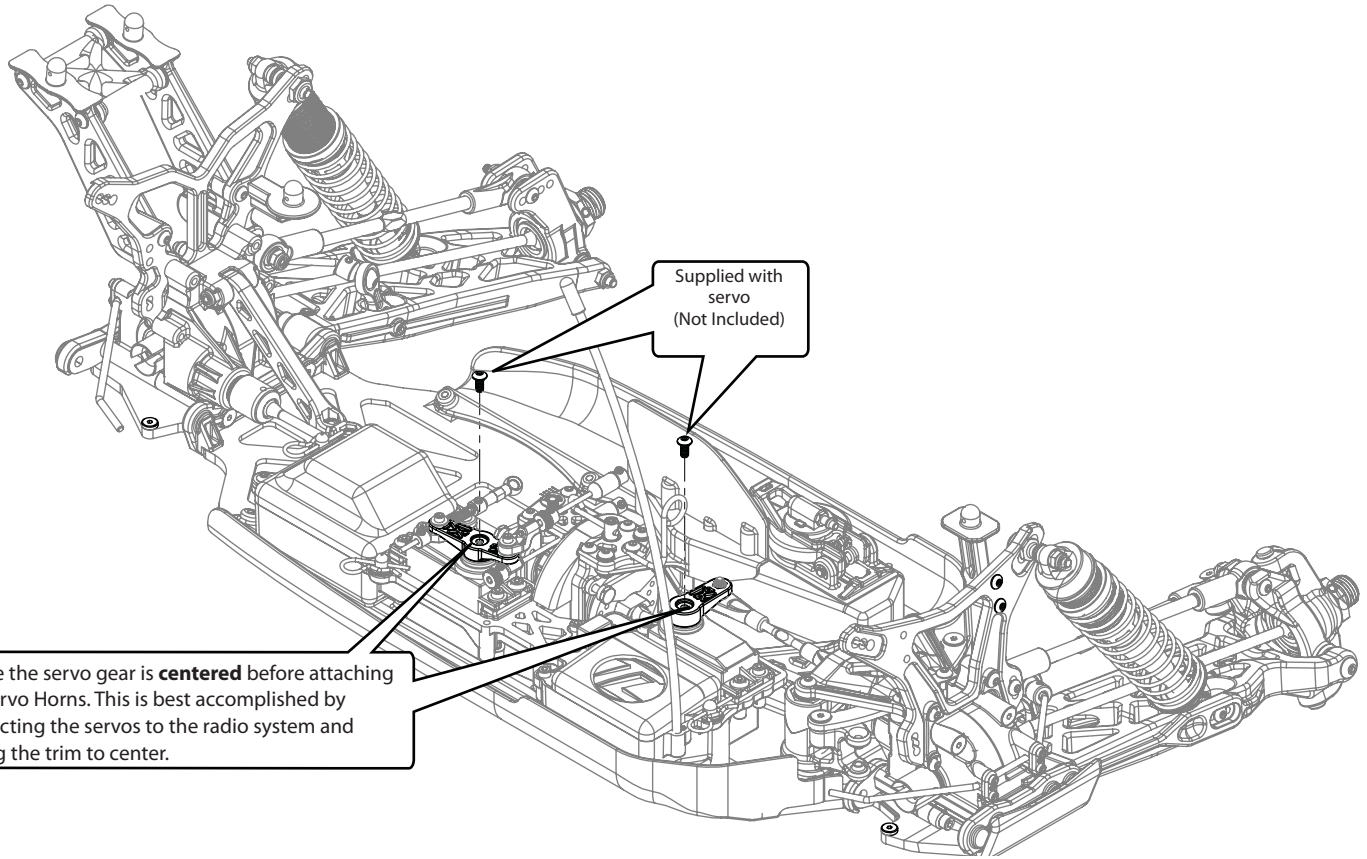
STEP F-08

Radio Tray Installation



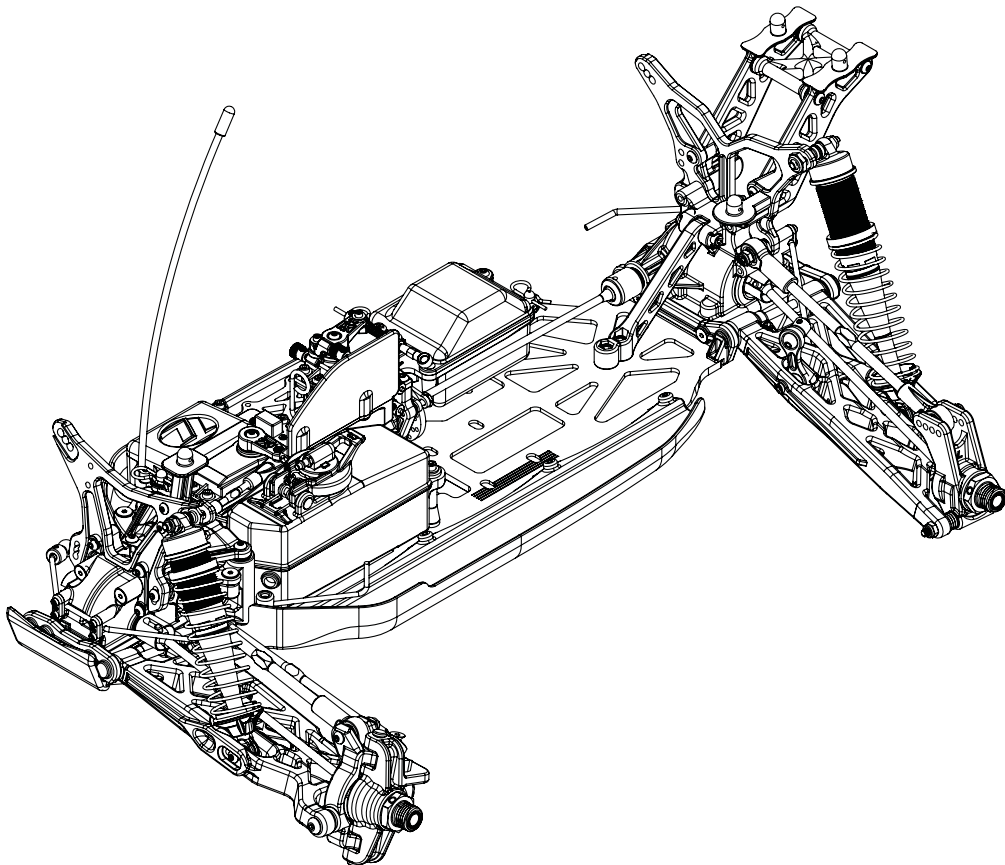
□ **STEP F-09**

Servo Horn Installation



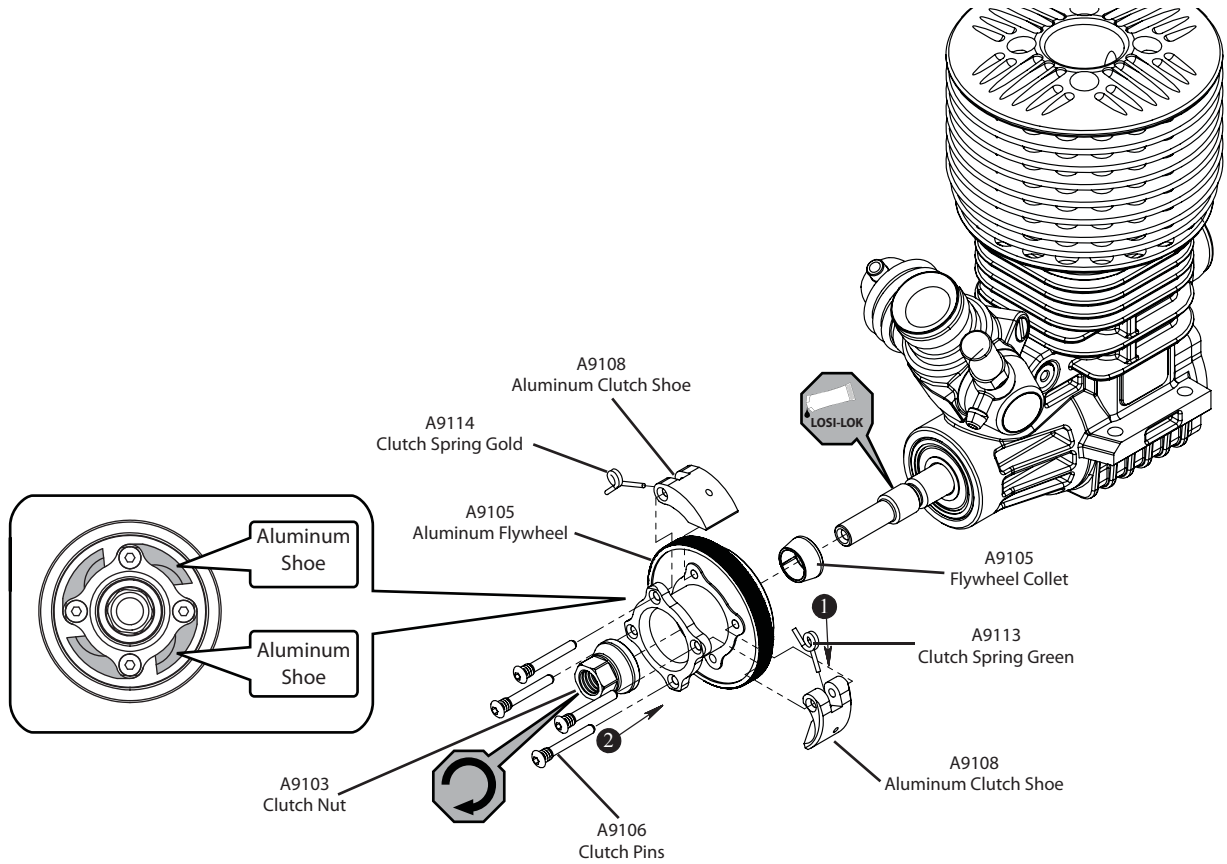
□ **STEP F-10**

Completed Radio Tray Installation



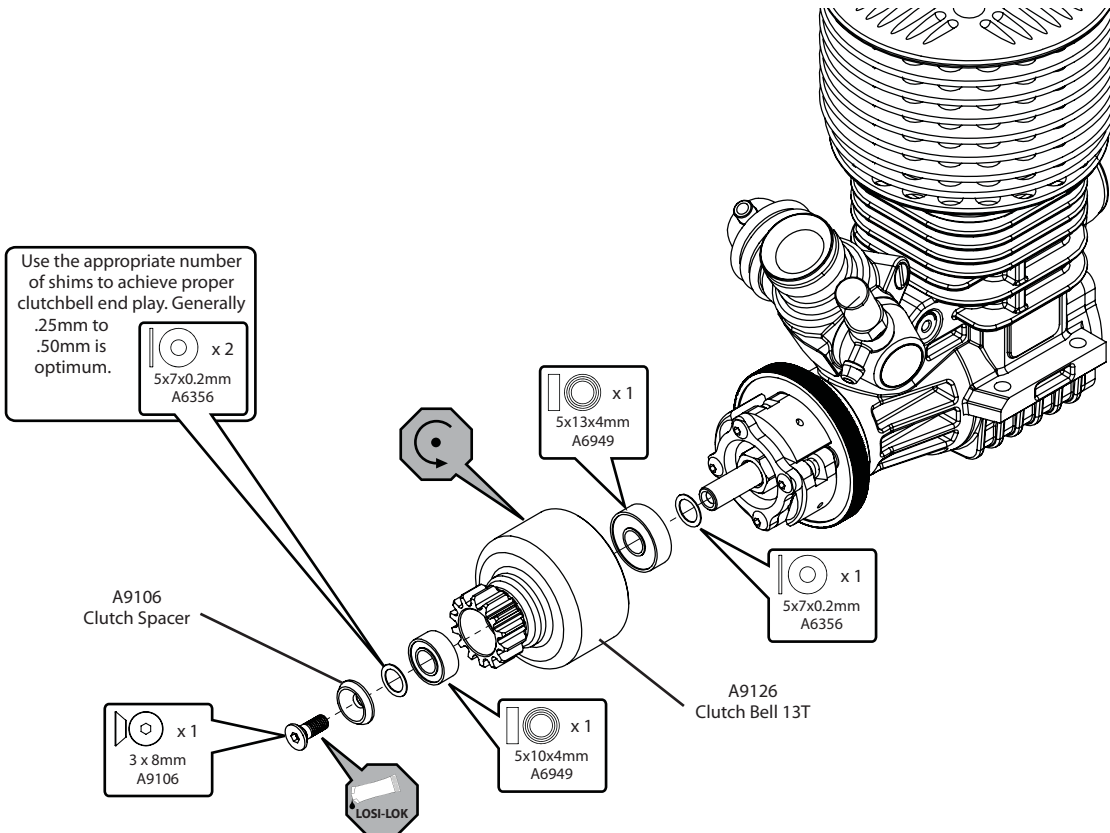
STEP G-01

Clutch Assembly



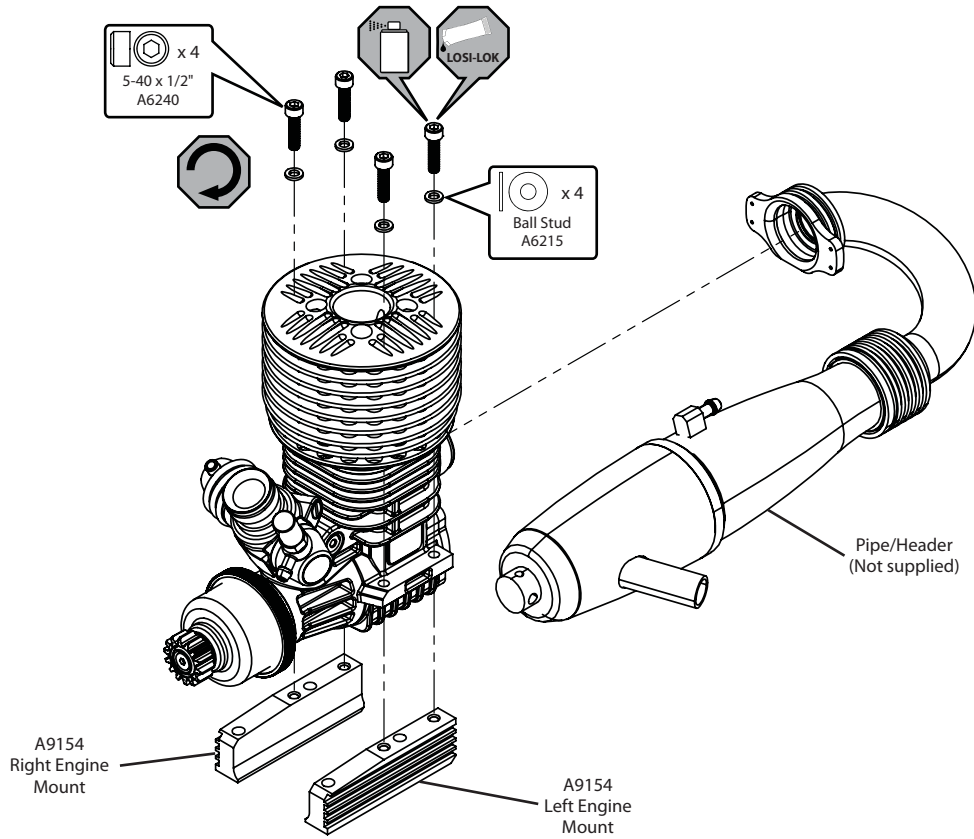
STEP G-02

Clutch Bell Assembly



STEP G-03

Engine Mount Assembly

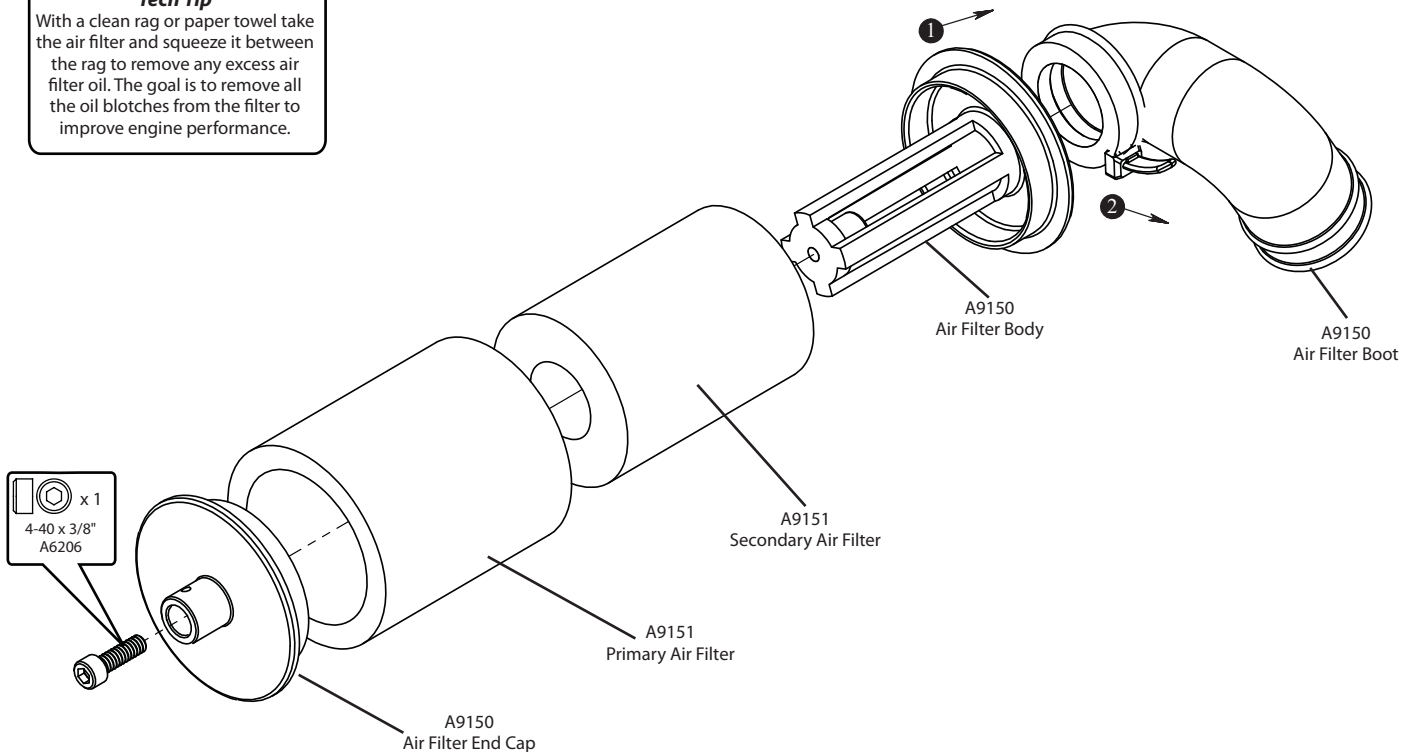


STEP G-04

Air Filter Assembly

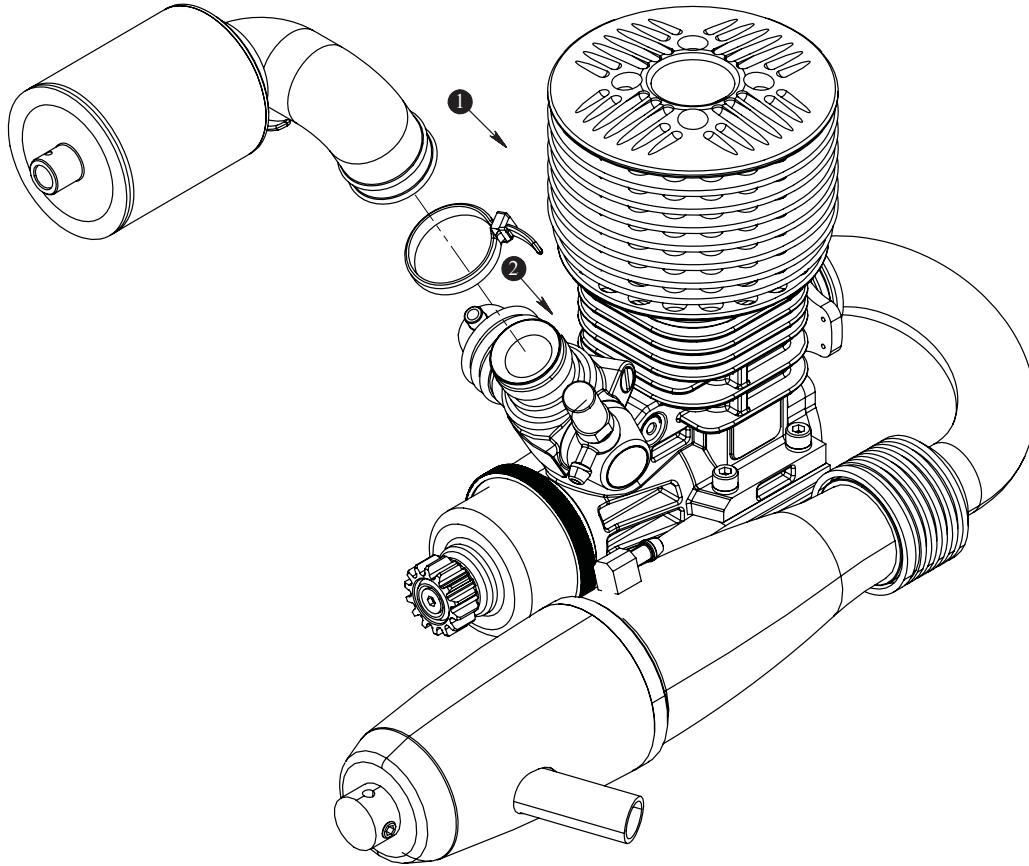
Tech Tip

With a clean rag or paper towel take the air filter and squeeze it between the rag to remove any excess air filter oil. The goal is to remove all the oil blotches from the filter to improve engine performance.



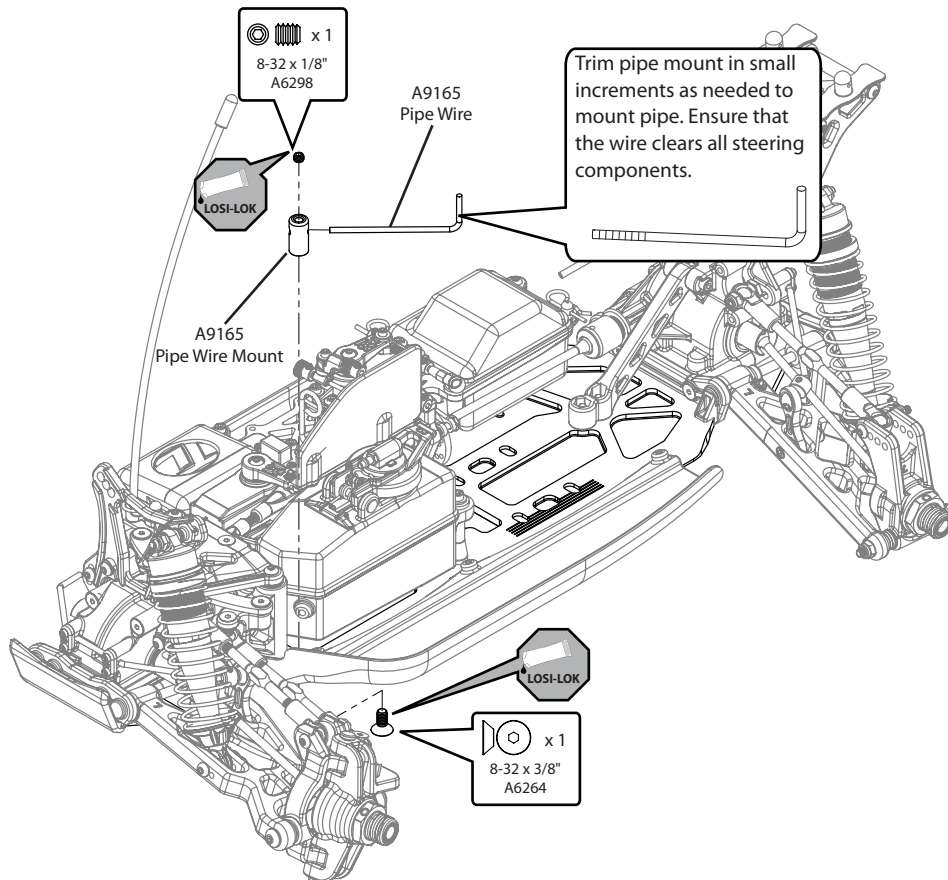
STEP G-05

Air Filter Installation



STEP G-06

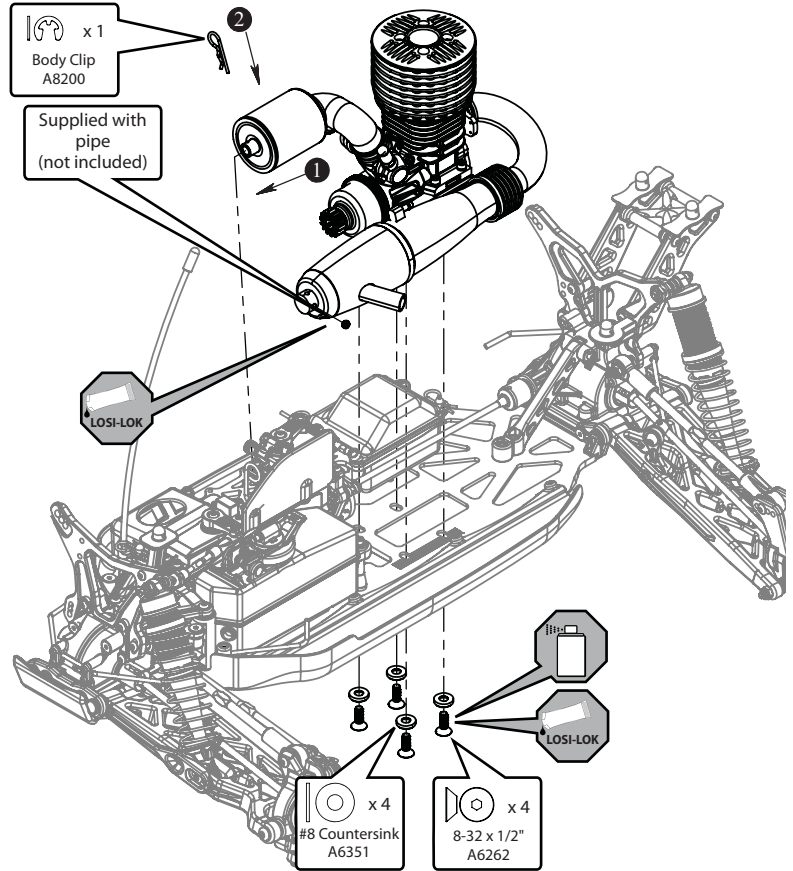
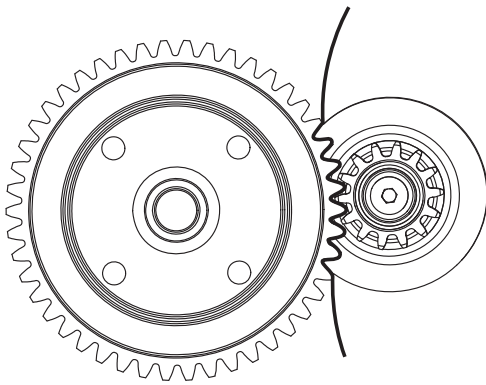
Pipe Mount Assembly



STEP G-07

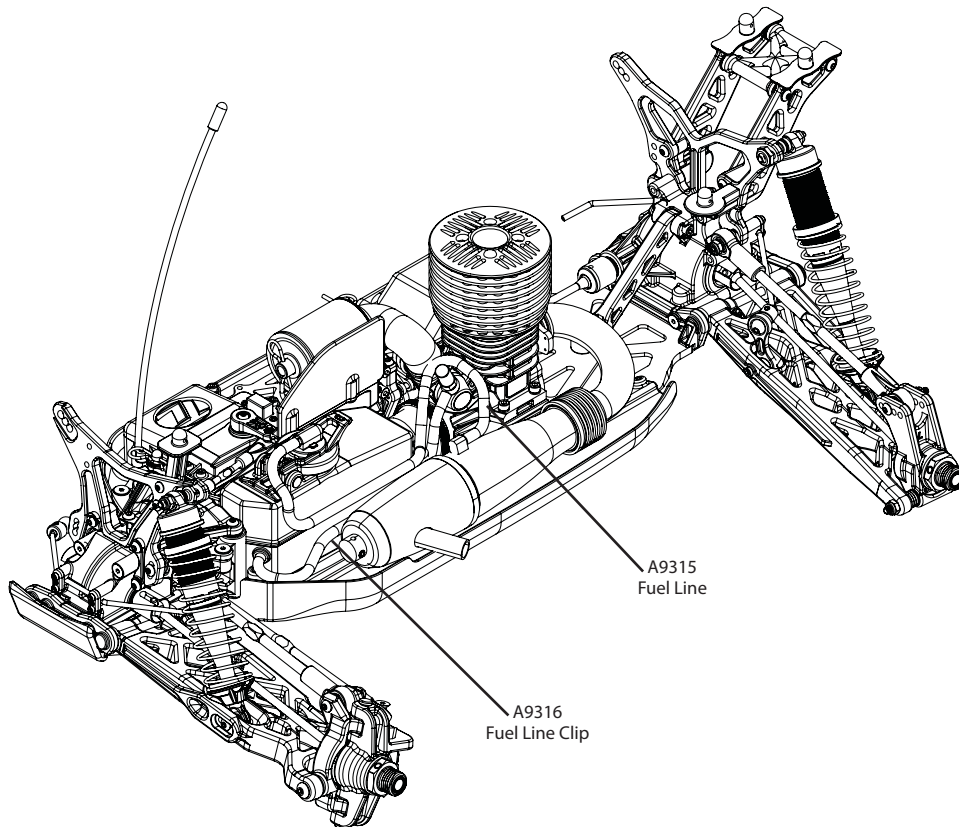
Engine Installation

- Adjust the gear mesh between the Clutch Bell and the Spur gear by sliding the engine mounts in the slots of the chassis. In order to function properly, the Gears should be as close as possible, but still have a small amount of backlash (space between the Gear teeth).
- Place a piece of paper between the Clutch Bell gear and Spur gear, slide the engine sideways until the paper is pinched between the gears and tighten the engine mount screws. This will give a small amount of space between the gears. Be sure to match the left side engine mount parallel to the etched lines in the chassis to ensure perfect gear mesh.
- You should be able to rock one gear back and forth *slightly* while holding the other one steady. Be sure to check the gear mesh all the way around the spur gear.
- Once the engine alignment and gear mesh are correct, tighten all of the screws. Re-check the gear mesh after all the screws are tightened to ensure the engine mounts did not move.



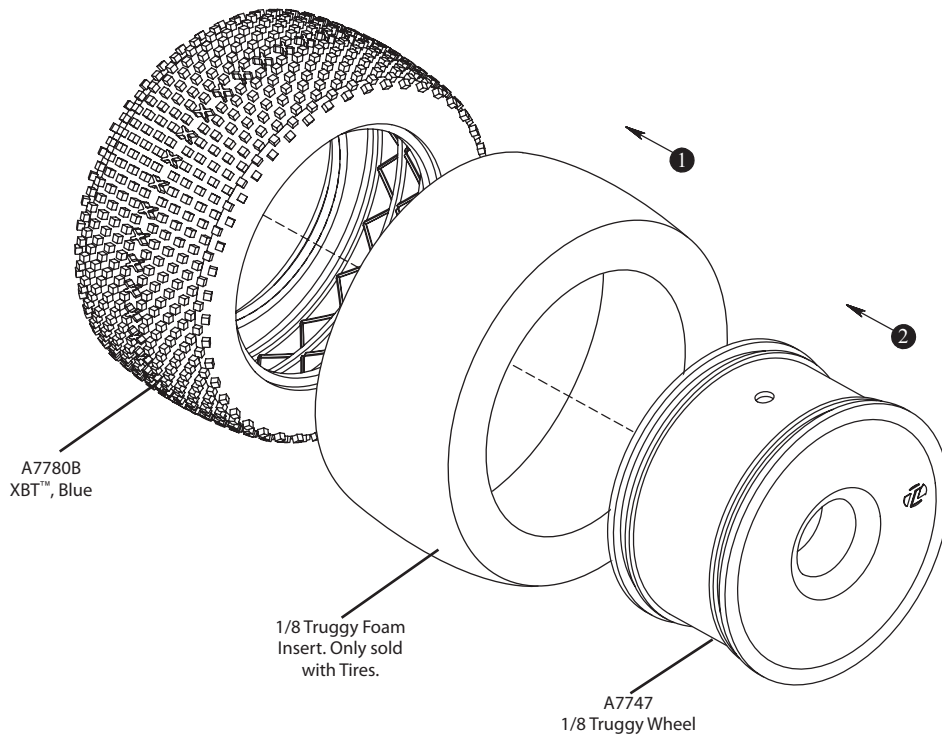
STEP G-08

Fuel Tube/Completed Engine Assembly



STEP H-01

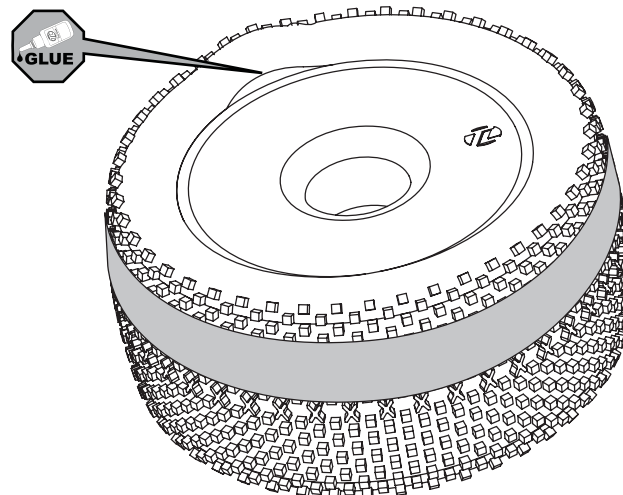
Tire Mounting



STEP H-02

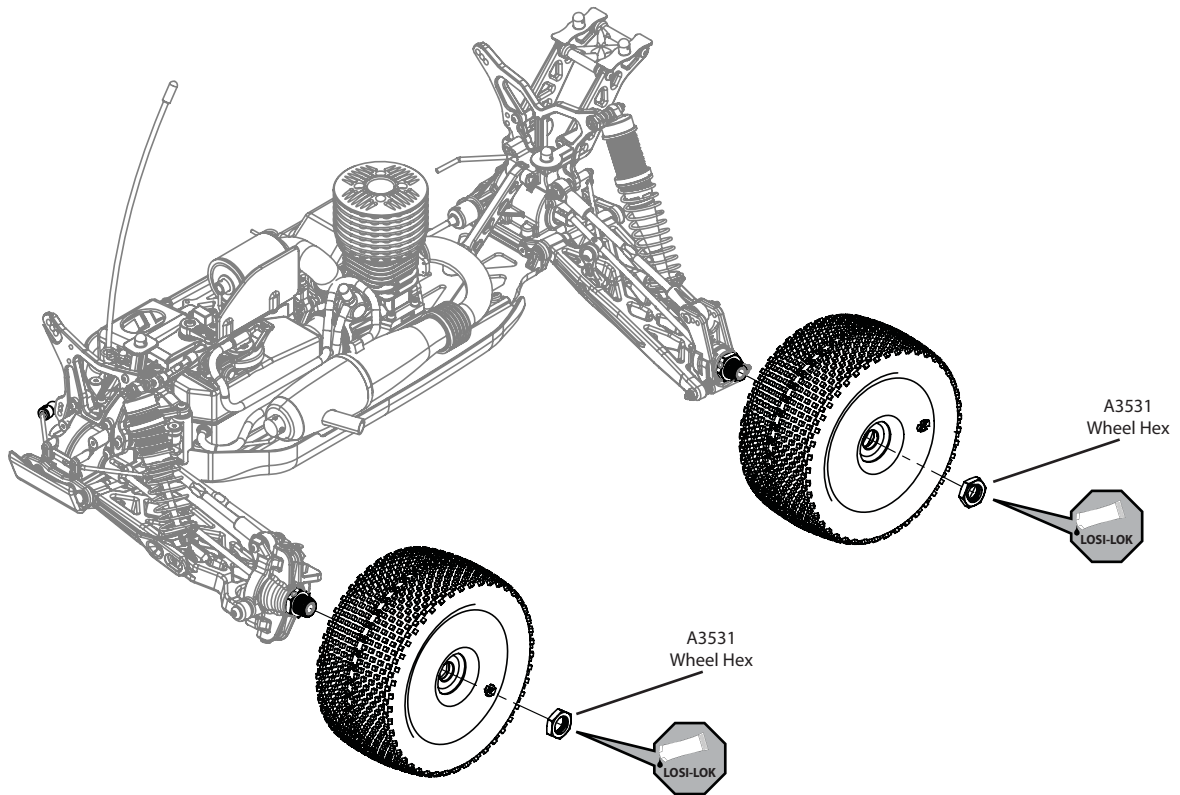
Tire Gluing

- Here are the steps to show you how to complete this process. This can be done by using a fast-curing super glue or cyanoacrylate glue (LOSA7880, LOSA7881), available at your local hobby shop. Install a tire gluing rubber band around the outside of the tire, in line with the bead to hold it onto the wheel. Losi offers a complete tire gluing kit which includes glue and tire gluing rubber bands (LOSA7884).
- Now slightly pull back the tire bead from the wheel and apply a thin bead of glue between the tire bead and the wheel all the way around, wait for this side to dry and do the same to the other side until the tire is firmly adhered to the wheel. Allow the glue to dry thoroughly before continuing.



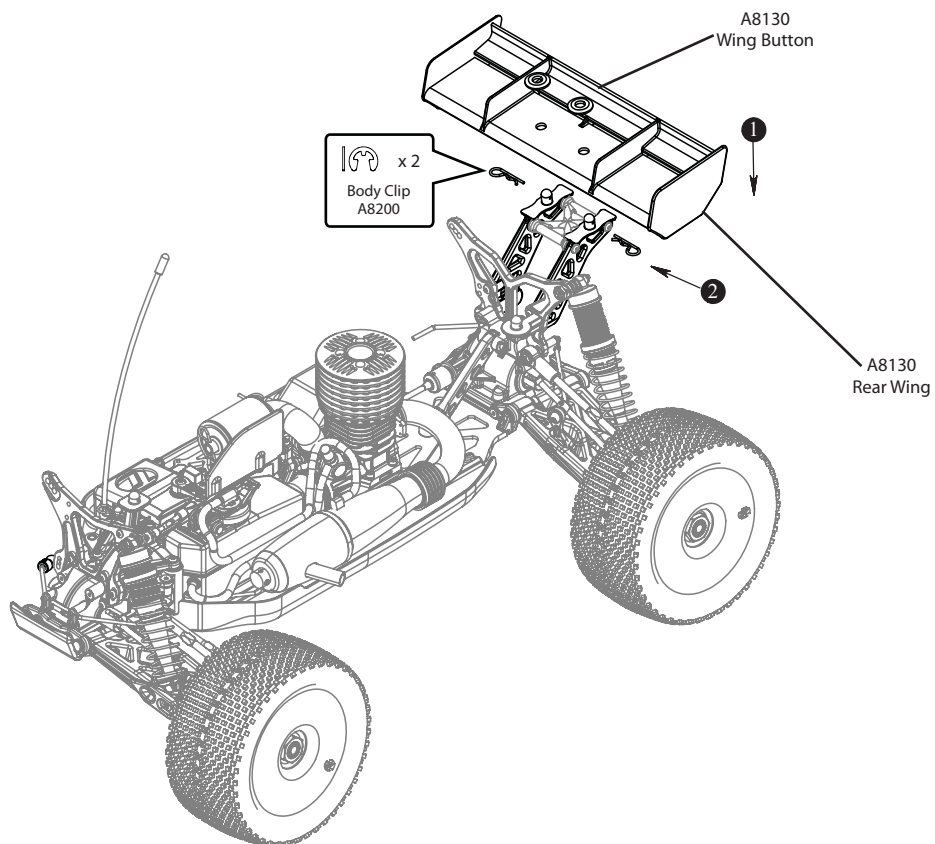
□ **STEP H-03**

Tire Installation



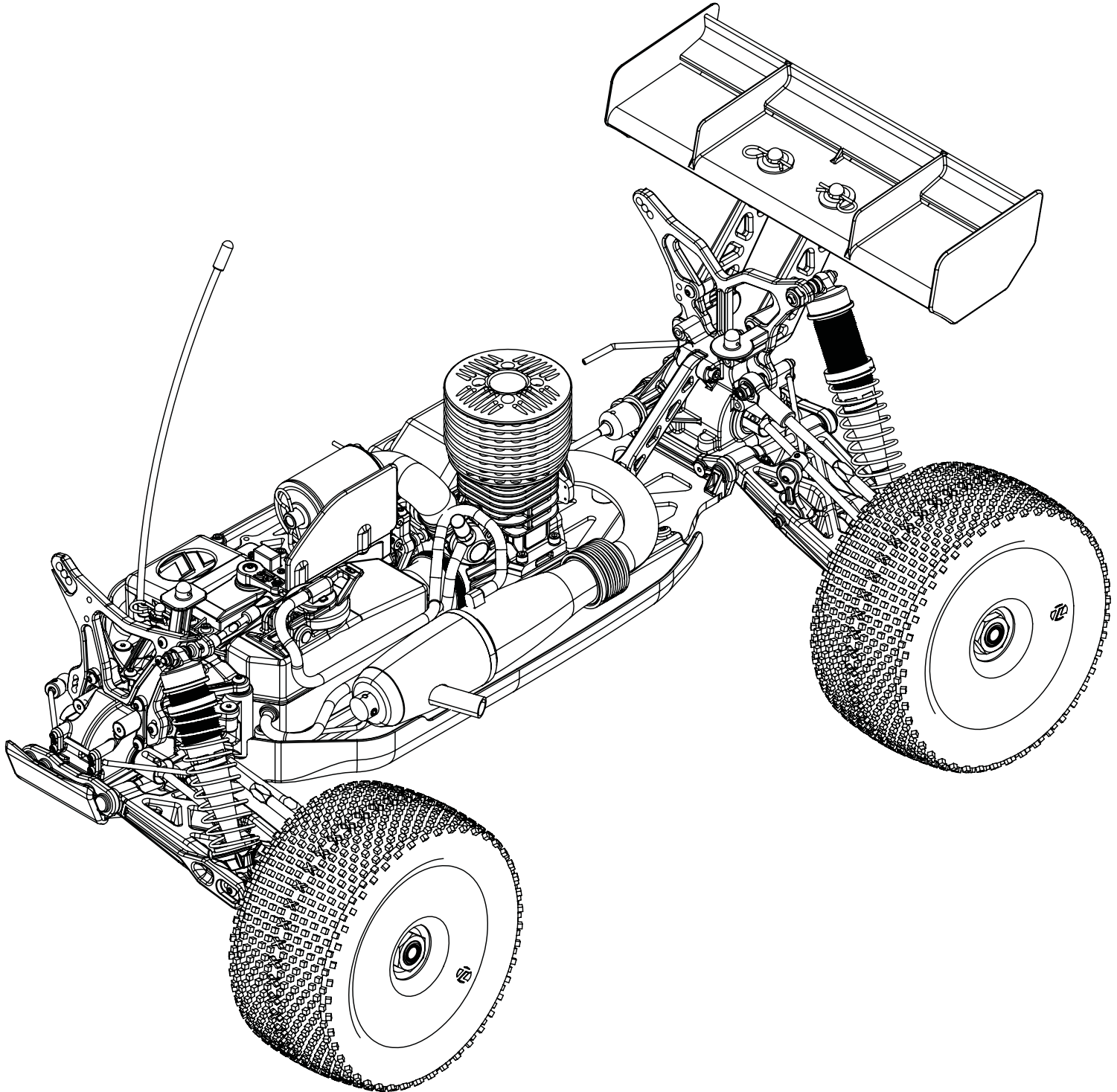
□ **STEP H-04**

Wing Installation



□ **STEP H-05**

Completed Chassis Assembly



BEFORE RUNNING YOUR NEW 8IGHT-T 2.0 OFF-ROAD RACING TRUGGY for the first time, you should run down the following checklist in order and complete the listed tasks. Fine-tuning of the initial setup is an essential part of building a high-performance racing truggy such as the 8IGHT-T 2.0.

1. Breaking in the differential:

While holding the chassis with **only** the left side tires firmly on the ground, give the car about one eighth throttle, for 30 seconds. The right side tires should spin freely during this time. Repeat this with **only** the right side tires held firmly to the ground, allowing the left tires to spin. Repeat these steps at least two more times.

2. Check for free suspension movement:

All suspension arms and steering components should move freely. Any binds will cause the car to handle poorly.

3. Set the ride height:

Set the ride height on your truggy using the LOSA99173 Ride Height Gauge so that the bottom of the chassis is 39mm from the ground in front and 42mm in the rear by adjusting the shock adjustment nuts, effectively increasing or decreasing pre-load on the springs. See the Setup Guide for additional information on ride height adjustment.

4. Set the camber:

Adjusting the camber tie rod length changes the amount of camber. Use the Losi wrench and LOSA99172 Camber Gauge to adjust the tie rods once installed. Rotating the tie rods towards the front end of the vehicle will shorten the length, increasing negative camber. Rotating the tie rods towards the back of the vehicle will lengthen them, increasing negative camber. Set the front tires to have 1 degree of negative camber and ensure that they are adjusted equally, left to right. Set the rear tires to have 2 degrees of negative camber and ensure that they are adjusted equally, left to right.

5. Set the front toe-in:

Adjust the front steering tie rods so that when the servo is centered on the transmitter, the front tires are both pointing slightly out with 2 degrees of toe-out. Refer to the Setup Guide for more information on toe-in/out.

6. Charge a receiver battery pack:

Charge a battery pack as per the battery manufacturer's and/or charger manufacturer's instructions so that radio adjustments can be made.

7. Set the transmitter steering trim:

Adjust the steering trim tab on the transmitter so the vehicle rolls straight when you are not touching the steering wheel/stick. If the servo and steering link were installed correctly, the wheels should turn equally to the left and right. If not, refer to Table 2 to ensure proper installation. Also check the steering link length as noted in Step A-01. Make sure the throttle trim is set so the brakes do not drag in the neutral position.

8. Set the transmitter throttle and brake trim:

Adjust the throttle trim tab on the transmitter so the brakes do not drag in neutral position. Set the idle adjustment screw on the carburetor at approximately 1mm open. When the throttle trigger is pulled back to the maximum, the carburetor is fully opened.

BODY PAINTING

Painting:

Prepare the Lexan Body for painting by washing it thoroughly (inside and out) with warm water and liquid detergent. Dry the body with a clean, soft cloth. Use the supplied window masks to cover the windows from the inside. A high-quality masking tape should be used on the inside of the body to mask off any stripes, panels, or designs that you wish to paint on the body. Use acrylic lacquer or other paints recommended for Lexan (polycarbonate). (NOTE: LEXAN RC CAR BODIES ARE MEANT TO BE PAINTED FROM THE INSIDE!) Apply paint to the inside of the Body. Remove the masking tape for the next color and continue. Try to use darker colors first. If you use a dark color after a light color, apply a coat of white paint over the lighter color before applying the darker color, or if you are painting over white, coat it with silver. This will help prevent the darker color from bleeding through the lighter color.

Mounting:

The body is already cut out for mounting. However, you will need to cut out the area for the pipe stinger. This should be done before you paint your body so you can easily see where it exactly needs trimmed.

Stickers:

After the body is mounted, REMOVE THE PROTECTIVE FILM ON THE OUTER SURFACE, now you can apply the stickers.

TIPS AND HINTS FROM THE TEAM

Before you start making changes on your 8IGHT-T 2.0 Off-Road Racing truck, you need to make a few decisions. First of all, tires, and how they are setup, have a tremendous impact on overall performance. Before you start making changes on the chassis setup, take a moment to observe a few of the fastest cars at the track and what type of tire and inner liner they are running. The best adjustment will become a personal decision based on the "feel" that each of these adjustments yield. Never make more than one change at a time. If the change you made works adversely, or doesn't address your need, return to the previous position and try something else. Also note there are many ways to set up a truck. The rules we follow can reverse sometimes with different driving styles or different setup styles, so test for yourself and you will find a setup that works right for you.

Team Losi Racing development team has put hundreds of hours on the 8IGHT-T 2.0 to arrive at the setup we put in the instruction manual. If you find that you have lost the "handle" go back to the vehicle (stock) setup, as this setup has proven to be reliable, consistent and easy to drive. All of us at Losi are sure you will find the 8IGHT-T 2.0 Off-Road Racing truck to be the most versatile and easiest truck to drive fast, with great consistency. We hope the information in the following guide helps you enjoy your 8IGHT-T 2.0, and racing it, as much as we do.

For the latest in setup and accessory parts information, visit the Losi website at: WWW.TLRACING.COM regularly. Please check the TLR website periodically to find out new setup information as we are always testing on all types of tracks and surfaces.

Tuning the Engine:

Should be done following the manufacturer's instructions. Turning the needle valve clockwise, the fuel mixture will become leaner – meaning that the engine will draw less fuel. When the needle valve is turned counterclockwise, the fuel mixture becomes richer, meaning that, the engine will draw more fuel. The high-speed needle affects the fuel mixture at fuel throttle while the low-speed needle only affects the fuel mixture at idle and the low end of the throttle band.

To Shut Off the Engine:

Simply use the included pipe plug or simply bump the flywheel with a wrench or plastic handled tool. Losi also makes a tuning driver with a built-in plug for the pipe (LOSA99167).

The Receiver Battery:

The receiver battery is an important, frequently overlooked part of gas-powered vehicles. A low receiver battery can cause the vehicle to have a mind of its own. The result can be a runaway vehicle or a poorly responding radio system. The length of time a receiver battery pack's charge lasts depends on the type of servos used. If you will be using an NiCd or NiMH receiver pack, we recommend using a minimum battery size of 1100mAh and minimum voltage of 5.4 volts. Recommended batteries that are offered by Losi are LOSB9950 6V 1100mAh NiMH Receiver Pack or LOSB9820 7.4V 2000mAh 2C LiPo Receiver Pack. Note: You will need a voltage regulator if you use a Lithium Polymer (LiPo) receiver pack. Losi offers voltage regulators with a switch, LOSB9608 and without a switch, LOSB9609.

Droop:

Always measure the droop of the 8IGHT-T 2.0 with the shocks on the truck. Droop is measured with dial or digital calipers from the center of the shock mount to the center of the shock screw. More droop (travel) in the front provides more on-power steering and allows the truck to roll more on the rear when on throttle. More droop (travel) in the rear increases off-power steering and allows the truck to roll on the front when off throttle. More front and rear droop accelerates better in bumps when going straight, but can cause the truck to traction roll in rough turns. Less front and rear droop slides over bumps better in turns and may be better on high-speed and high-traction tracks.

Front Camber Links:

The lower camber link locations on the tower have more camber gain (total camber change through the suspension travel). Running the camber tie rod in the lower holes increases off-power steering and makes the vehicle more aggressive; however, you may lose some consistency. More camber gain is good on small tight tracks. We have found that running less camber gain in the front suits the truck the best for consistency and steering balance.

Rear Camber Links:

The 8IGHT-T 2.0 now has only two camber locations on the rear tower, however, we have added another inside hole on the rear hub. The stock camber link setup for the 8IGHT-T 2.0 is location #1 on the tower and B in the hub. By using the #2 hole on the tower you will have less roll and improve stability and traction. Using the #1 hole will have more steering. Running "A" in the rear hub will generate more corner rotation entering the turn, but decrease steering on exit. Running "B" in the hub will be more stable entering the turn and increase steering on exit.

Pistons:

Generally smaller hole pistons, #56, have stiffer damping, slower weight transfer, slower response, and will land large jumps better. Larger hole pistons, #54, have softer damping, increased traction, quicker weight transfer/response, and bottom out easier off large jumps.

Shock Oil:

Lighter shock oil has more overall traction and responds quicker. Thicker oil has less overall traction and reacts slower. On high bite/smooth tracks, thicker oil is easier to drive. Make sure you adjust oil when there is a drastic temperature change (20-25 degrees). If it gets cold outside, use lighter shock oil. If it gets hotter outside, use thicker weight shock oil.

Front Toe:

You never want to run toe-in on the front of the 8IGHT-T 2.0. Less front toe-out (longer steering rods) decreases steering response entering and in the middle of the turn but increases on power steering. More toe-out (shorter steering rods) increases steering response when entering the turn and increases straight line stability, however, it decreases on power steering.

Rear Toe-in:

The 8IGHT-T 2.0 is equipped with 3.5 degrees of toe-in per side. Less rear toe-in increases the wheel base of the truck and decreases forward traction, but increases top speed and side traction in the middle of a turn. More toe-in increases forward traction and has more on-power steering and less side traction.

Wheel Base:

The 8IGHT-T 2.0 is equipped with the rear hub carriers in the middle. A shorter wheelbase (spacers behind the rear hubs) increases on-power traction, rear weight transfer, and has more off-power steering. A shorter wheelbase is better on tight or slick tracks. A longer wheelbase (spacers in front of the rear hubs) decreases off-power steering, is more stable, better in bumps, and has more on-power steering.

Sway Bars:

The 8IGHT-T 2.0 is equipped with 2.3mm sway bars on the front and rear. A thinner front sway bar increases front off-power traction, but has less on-power steering. A thicker front sway bar decreases front off-power traction making the steering smoother entering the turn, but has more on-power steering. A thinner rear sway bar increases rear traction and decreases on-power steering. A thicker rear sway bar increases stability in the middle of the turn and increases on-power steering. Thicker sway bars are more stable on high-speed, high-traction tracks.

Clutch:

On new clutch bells, clean the inside of the clutch bell with scouring pad or fine sandpaper to improve the break-in period. Softer springs engage at a lower rpm and have a smoother power band. If the engine doesn't have enough low-end power try running more preload (spring with more angle) or a stiffer spring. Stiffer springs engage at a higher rpm and hit much harder. If the springs are too stiff, it will cause the clutch to slip.

Plastic vs. Aluminum Clutch Shoes:

We have found the four aluminum clutch setup works best on most tracks for the 8IGHT-T 2.0. But if the track is very loose, rough, and doesn't have jumps that are difficult to get over, two plastic and two aluminum shoes allow more slip and smoother acceleration. Running four aluminum shoes has the most punch, but isn't as good on slick tracks. Our recommended clutch setup is four aluminum shoes with two gold springs and two green springs. Whenever you need to rebuild your clutch, we recommend the following tips. First of all, be sure to clean all parts with Losi Nitrotec™ Spray Cleaner (LOSA99217) to ensure there is no oil or debris on any of the parts. Cleaning includes all clutch parts including the clutch bearings. Spray out the clutch bearings to ensure there is no grease slung from the bearing at high rpm which would cause premature clutch wear or slippage. When reinstalling the clutch pins, do not use any type of Losi-Lok on the clutch pins. Using Losi-Lok will make it difficult to remove the pins. Once the new shoes are installed, pull back each clutch shoe 1mm to make sure they spring back to position to ensure proper movement. You will also want to make sure the clutch bell has anywhere from .25mm to .50mm of movement and spins freely on the crankshaft. You can use Losi's Metric Shim Set, LOSA6356 to dial this in properly. Now that your clutch is fully rebuilt it is time to break it in. This is done by starting your truggy and having it idle on the ground. While firmly holding the vehicle down, apply 1/2 throttle for three seconds. Repeat this three times to fully seat in your new clutch.

Here is a layout of clutch setups ranging from softest to hardest in acceleration

Clutch Engagement Softest to Hardest	Clutch Setup Number	Shoe/Spring	Description
	1	4 Plastic with Black	Ultimately the smoothest and easiest to drive setup
	2	2 Aluminum with Black 2 Plastic with Black	Used on very loose tracks where little punch is needed
	3	4 Plastic with Green	Used on loose high-speed tracks where there are no jumps out of turns
	4	2 Aluminum with Green 2 Plastic with Black	Very smooth, yet has good punch. Motor must have adequate power to pull this clutch setup
	5	4 Plastic with Gold	Very forgiving and reduces wheel spin with punch being sacrificed slightly. Can be used with motors that have great bottom end
	6	2 Aluminum with Gold 2 Plastic with Green	Good all around setup. Best compromise for punch and mileage
	7	2 Aluminum with Gold 2 Aluminum with Gold	Increased punch with slightly less mileage
	8	4 Aluminum with Gold	Increased punch, good for jumps right out of turn, with average mileage
	9	4 Aluminum with 2 Silver and 2 Gold	Very aggressive with great punch, engine will run hotter and shoe life will diminish
10	4 Aluminum with Silver	Most aggressive, maximum punch. Use with motor that has very low bottom end	

Differentials:

The 8IGHT-T 2.0 comes equipped with 7000 wt in the front, 10,000 wt center, and 2000 wt in the rear diff. Thinner front differential oil increases off-power steering, but if the oil is too thin the steering will become grabby and inconsistent. Thicker front differential oil increases off-power stability and increases on-power steering. Thinner center differential has less forward drive, can unload more under acceleration and is easier to drive on rough and slick tracks. Thicker center differential has more acceleration, increases on-power steering, and less off-power steering. Thicker center differential is better on high bite/smooth tracks. Thinner rear differential has more cornering traction and increases steering in the middle of the turn. Thicker rear differential has less steering in the middle of the turn and more forward traction.

Shock Mounting Positions:

A more inclined position (moving the shocks in on the tower) has softer initial damping and is more forgiving. A less inclined position (moving the shocks out on the tower) makes the car more responsive and is better for technical tracks.

Ackerman:

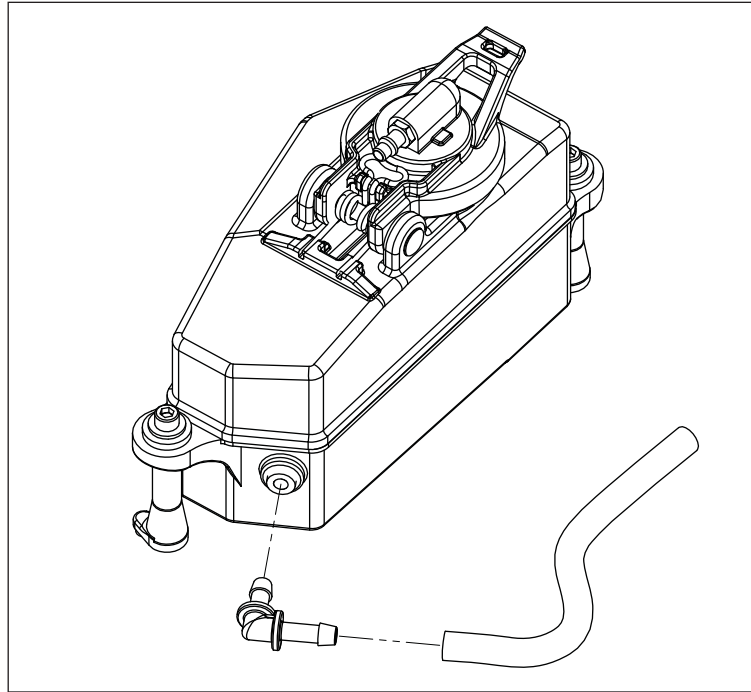
A long Ackerman plate has smooth off-power steering and is more forgiving. The long Ackerman plate has more steering on-power. A short Ackerman plate responds quicker and has more steering in the middle of the turn. A short Ackerman plate is better suited for tight technical tracks.

Camber:

More negative camber in the front has more steering and is more responsive. Less negative camber in the front has less steering and is smoother. More negative camber in the rear has less rear traction, but increases on-power steering and is less grabby in bumps. Less negative camber in the rear has more rear traction and makes the rear of the buggy stay flatter, but if traction is lost it will be more violent. To ensure your 8IGHT-T 2.0 has the correct camber, we recommend using our Losi Camber Gauge (LOSA99172).

Fuel Tank:

Your 8IGHT-T 2.0 comes preinstalled with a fuel tank insert to meet ROAR and RC Pro Series 150cc fuel tank rules. If you are not racing your 8IGHT-T 2.0 where these rules apply, you can remove the insert to allow for an additional 5cc of fuel and longer run time. Also included in your 8IGHT-T 2.0 is an EFRA Fuel Kit. This should be used at all EFRA races to ensure your fuel tank volume will not change during racing. The EFRA Fuel Kit ensures that the fuel line and clunk does not come out of the tank, increasing fuel volume. Below is a diagram on how to install the EFRA Fuel Kit.



Gearing:

The stock gearing for the 8IGHT-T 2.0 is 13/50. If you are running on a large sweeping track and need more top speed, a 14-tooth clutch bell (LOSA9117) or 48-tooth center gear is recommended.

Brake Setup:

The standard brake bias for the 8IGHT-T 2.0 is 60% rear - 40% front. If you need the truck to rotate more under braking, adjust the linkage for less front brake. If the truck is loose entering turns under braking, adjust the linkage for less rear brake or more front brake.

Outdrives and Traction:

When your 8IGHT-T 2.0 is new it has a lot of chassis roll and is a little loose on throttle due to lack of friction in the out drives and crossbones. After about 45-60 minutes of running, the 8IGHT-T 2.0 gains traction and stability. Once your 8IGHT-T 2.0 is broken in, replacing the outdrives and crossbones with new parts provides more corner speed.

Bump Steer:

Running the bump steer ball down you will give you smoother steering in the middle of the turn. The bump steer ball up increases steering in the middle of the turn.

Rear Squat:

The 8IGHT-T 2.0 comes with three degrees of anti-squat. Running less anti-squat will have less off-power steering and roll (side to side) more on the rear. Less anti-squat will accelerate better in small bumps. More anti-squat will have more support (side to side) and be better on rough tracks with big jumps.

Ride Height:

Measuring from a flat surface to the bottom face of the chassis, adjust the front of the chassis with 39mm of ride height and 42mm in the rear. We have found the 8IGHT-T 2.0 handles best when the front ride height is 2mm to 3mm lower or at least level than the rear of the truck. To measure your ride height properly, use the Losi Ride Height Gauge (LOSA99173).

WARRANTY AND REPAIR POLICY

Warranty Period: Exclusive Warranty- Horizon Hobby, Inc., (Horizon) warranties that the Products purchased (the "Product") will be free from defects in materials and workmanship at the date of purchase by the Purchaser.

Limited Warranty: Horizon reserves the right to change or modify this warranty without notice and disclaims all other warranties, express or implied.

(a) This warranty is limited to the original Purchaser ("Purchaser") and is not transferable. REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE PURCHASER. This warranty covers only those Products purchased from an authorized Horizon dealer. Third party transactions are not covered by this warranty. Proof of purchase is required for all warranty claims.

(b) Limitations- HORIZON MAKES NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, ABOUT NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE PRODUCT. THE PURCHASER ACKNOWLEDGES THAT THEY ALONE HAVE DETERMINED THAT THE PRODUCT WILL SUITABLY MEET THE REQUIREMENTS OF THE PURCHASER'S INTENDED USE.

(c) Purchaser Remedy- Horizon's sole obligation hereunder shall be that Horizon will, at its option, (i) repair or (ii) replace, any Product determined by Horizon to be defective. In the event of a defect, these are the Purchaser's exclusive remedies. Horizon reserves the right to inspect any and all equipment involved in a warranty claim. Repair or replacement decisions are at the sole discretion of Horizon. This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of or to any part of the Product. This warranty does not cover damage due to improper installation, operation, maintenance, or attempted repair by anyone other than Horizon. Return of any Product by Purchaser must be approved in writing by Horizon before shipment.

Damage Limits: HORIZON SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS OR PRODUCTION OR COMMERCIAL LOSS IN ANY WAY CONNECTED WITH THE PRODUCT, WHETHER SUCH CLAIM IS BASED IN CONTRACT, WARRANTY, NEGLIGENCE, OR STRICT LIABILITY. Further, in no event shall the liability of Horizon exceed the individual price of the Product on which liability is asserted. As Horizon has no control over use, setup, final assembly, modification or misuse, no liability shall be assumed nor accepted for any resulting damage or injury. By the act of use, setup or assembly, the user accepts all resulting liability.

If you as the Purchaser or user are not prepared to accept the liability associated with the use of this Product, you are advised to return this Product immediately in new and unused condition to the place of purchase.

Law: These Terms are governed by Illinois law (without regard to conflict of law principals).

WARRANTY SERVICES

Questions, Assistance, and Repairs: Your local hobby store and/or place of purchase cannot provide warranty support or repair. Once assembly, setup or use of the Product has been started, you must contact Horizon directly. This will enable Horizon to better answer your questions and service you in the event that you may need any assistance. For questions or assistance, please direct your email to feedback@tlracing.com, or call 888.899.LOSI (5674) toll free to speak to a Product Support representative. You may also find information on our website at www.horizonhobby.com.

Inspection or Repairs: If this Product needs to be inspected or repaired, please use the Horizon Online Repair Request submission process found on our website or call Horizon to obtain a Return Merchandise Authorization (RMA) number. Pack the Product securely using a shipping carton. Please note that original boxes may be included, but are not designed to withstand the rigors of shipping without additional protection. Ship via a carrier that provides tracking and insurance for lost or damaged parcels, as Horizon is not responsible for merchandise until it arrives and is accepted at our facility. An Online Repair Request is available at www.horizonhobby.com <http://www.horizonhobby.com> under the Repairs tab. If you do not have internet access, please contact Horizon Product Support to obtain a RMA number along with instructions for submitting your product for repair. When calling Horizon, you will be asked to provide your complete name, street address, email address and phone number where you can be reached during business hours. When sending product into Horizon, please include your RMA number, a list of the included items, and a brief summary of the problem. A copy of your original sales receipt must be included for warranty consideration. Be sure your name, address, and RMA number are clearly written on the outside of the shipping carton.

Notice: Do not ship batteries to Horizon. If you have any issue with a battery, please contact the appropriate Horizon Product Support office.

Warranty Inspection and Repairs: To receive warranty service, you must include your original sales receipt verifying the proof-of-purchase date. Provided warranty conditions have been met, your Product will be repaired or replaced free of charge. Repair or replacement decisions are at the sole discretion of Horizon.

Non-Warranty Repairs: Should your repair not be covered by warranty the repair will be completed and payment will be required without notification or estimate of the expense unless the expense exceeds 50% of the retail purchase cost. By submitting the item for repair you are agreeing to payment of the repair without notification. Repair estimates are available upon request. You must include this request with your repair. Non-warranty repair estimates will be billed a minimum of ½ hour of labor. In addition you will be billed for return freight. Horizon accepts money orders and cashiers checks, as well as Visa, MasterCard, American Express, and Discover cards. By submitting any item to Horizon for inspection or repair, you are agreeing to Horizon's Terms and Conditions found on our website under the Repairs tab.

CONTACT INFO

Country of Purchase	Horizon Hobby	Address	Phone Number/ Email
United States of America	Horizon Service Center (Electronics and engines)	4105 Fieldstone Rd Champaign, Illinois 61822 USA	877-504-0233 Online Repair Requests visit: www.horizonhobby.com/repairs
	Horizon Product Support (All other products)	4105 Fieldstone Rd Champaign, Illinois 61822 USA	877-504-0233 productsupport@horizonhobby.com
United Kingdom	Horizon Hobby Limited	Units 1-4 Ployters Rd Staple Tye Harlow, Essex CM18 7NS United Kingdom	+44 (0) 1279 641 097 sales@horizonhobby.co.uk
Germany	Horizon Technischer Service	Hamburger Str. 10 25335 Elmshorn Germany	+49 4121 46199 66 service@horizonhobby.de
France	Horizon Hobby SAS	14 Rue Gustave Eiffel Zone d'Activité du Réveil Matin 91230 Montgeron	+33 (0) 1 60 47 44 70 infofrance@horizonhobby.com



Instructions for Disposal of WEEE by Users in the European Union

This product must not be disposed of with other waste. Instead, it is the user's responsibility to dispose of their waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or where you purchased the product.

Name: _____ Date: _____ Event: _____
 City: _____ State: _____ Track: _____

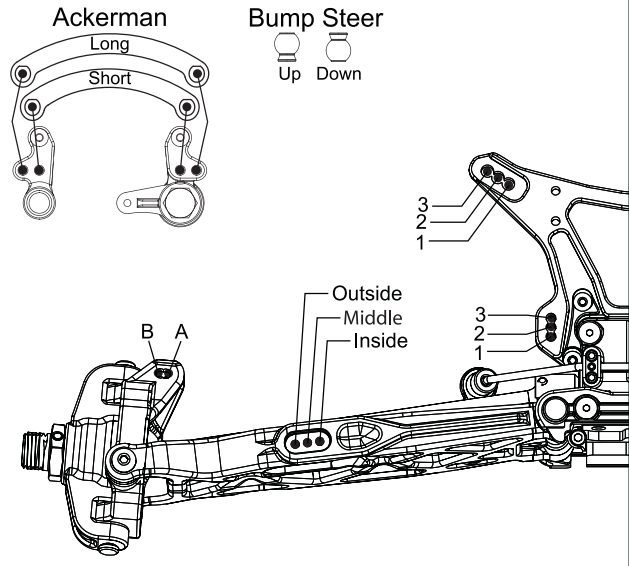
Track Conditions Indoor Tight Smooth Hard Packed Blue Groove Wet Low Bite High Bite
 Outdoor Open Rough Loose/Loamy Dry Dusty Med Bite Other _____

Front Suspension

Toe: _____
 Ride Height: _____
 Camber: _____
 Caster: _____
 Sway Bar: _____
 Piston/Oil: _____
 Spring: _____
 Limiter/Droop: _____
 Overall Shock Length: _____
 Steering Ackerman: _____
 Bump Steer: _____
 Camber Link: _____
 Shock Location: _____
 Receiver Battery Type: _____

Differentials

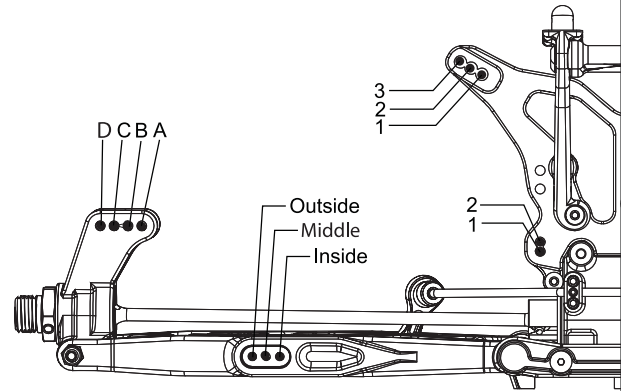
Front: Standard Smart
 Spring Wire Dia: _____
 Qty of Springs: _____
 Ramp Plate: _____
 Grease: _____
 Diff Fluid: _____
 Center: Standard Smart
 Spring Wire Dia: _____
 Qty of Springs: _____
 Ramp Plate: _____
 Grease: _____
 Diff Fluid: _____



Notes: _____

Rear Suspension

Toe: _____
 Anti-Squat: _____
 Ride Height: _____
 Camber: _____
 Rear Hub Spacing: _____
 Sway Bar: _____
 Piston/Oil: _____
 Spring: _____
 Limiter/Droop: _____
 Overall Shock Length: _____
 Camber Link: _____
 Shock Location: _____
 Rear Diff Fluid: _____



Notes: _____

Engine

Engine: _____ Fuel: _____
 Glow Plug: _____ Head Clearance: _____
 Pipe/Header: _____ Gearing: _____

Clutch Clutch Shoes and Springs Info

Tires

Type	Compound	Insert
Front: _____	_____	_____
Rear: _____	_____	_____
Notes: _____	_____	_____

Cap Head

- 2-56 x 1/4" (A6232)
- 2-56 x 1/2" (A6254)
- 4-40 x 3/8" (A6206)
- 4-40 x 1/2" (A6204)
- 4-40 x 5/8" (A6221)
- 5-40 x 1/2" (A6240)
- 5-40 x 7/8" w/ 5/8" Shoulder (A4414)

Flat Head 1

- 3 x 8mm (A9106)
- 3 x 12mm (A3500)
- 5-40 x 3/8" (A6270)
- 5-40 x 1/2" (A6271)
- 5-40 x 5/8" (A6275)
- 5-40 x 3/4" (A6272)
- 5-40 x 7/8" (A6273)

Flat Head 2

- 8-32 x 3/8" (A6264)
- 8-32 x 1/2" (A6262)
- 5-40 x 1-7/8" (A6273)

Button Head

- 2-56 x 1/4" (A6255)
- 4-40 x 1/4" (A6234)
- 4-40 x 1/2" (A6256)
- 5-40 x 3/8" (A6277)
- 5-40 x 1/2" (A6278)
- 5-40 x 3/4" (A6279)
- 5-40 x 7/8" (A6282)
- 5-40 x 1" (A6280)
- 8-32 x 5/8" (A6266)
- 8-32 x 3/4" (A6263)

Set

- F 5-40 x 1/8" (A6228)
- C 4-40 x 1/8" (A6227)
- C 5-40 x 3/16" (A6299)
- C 8-32 x 1/8" (A6298)
- F 5-40 x 1/8" (A6297)
- F 8-32 x 1/8" (A6296)
- O10-32 x 3/8" (A6295)
- 5-40 x 22mm (A6045)

Ball Bearings 1

- 5x10x4mm (A6949)
- 6x10x3mm (A6946)
- 5x11x4mm (A6947)
- F 5x11x4mm (A6948)

Ball Bearings 2

- 5x13x4mm (A6949)
- 8x14x4mm (A6945)
- 1/2" x 3/4" (A6953)

Pins

- 2.5 x 14mm (A3518)
- 2.5 x 12.37mm (A3518)
- 3 x 17mm (A3518)
- 2.5 x 12.8mm (A3518)
- 4 x 66mm (A6500)
- 3.5 x 53mm (A6503)

Washers

- Ball Stud (A6215)
- #4 x .030" (A6350)
- .250 x .094 x .020" (A9166)

Shims

- 5x7x.2mm (A6356)
- 6x11x.2mm (A3501)
- 14x17x.1mm (A4452)
- 14x17x.25mm (A4452)

Retaining Clips

- 5mm E-clip (A6109)
- Body Clip (A8200)

Nuts (Lock/Plain)

- #4-40 (Mini) (A6306)
- #5-40 (A6302)
- #8-32 (A6311)

DETAIL ICON REFERENCE KEY

1 These numbers are used to identify the critical order in which assembly must occur. *Note: They will not call out every stage of the assembly process.

Apply Losi-Lok™	Apply High Pressure Black Grease	Apply CA Glue	Degrease with Motor Spray	Fill With Silicone Oil	Pre-Tap
Pay Special Attention	Cut/Trim	Ensure Free Movement	Ensure Free Rotation	Ensure Proper Orientation	Push Firm
Side Shown	Assemble Other Side the Same	Repeat/Build Multiple	Screw Partially	DO NOT Over Tighten/ Snug Tight	Tighten

Name: 8IGHT-T 2.0 Kit Vehicle Setup Date: _____ Event: _____

City: _____ State: _____ Track: _____

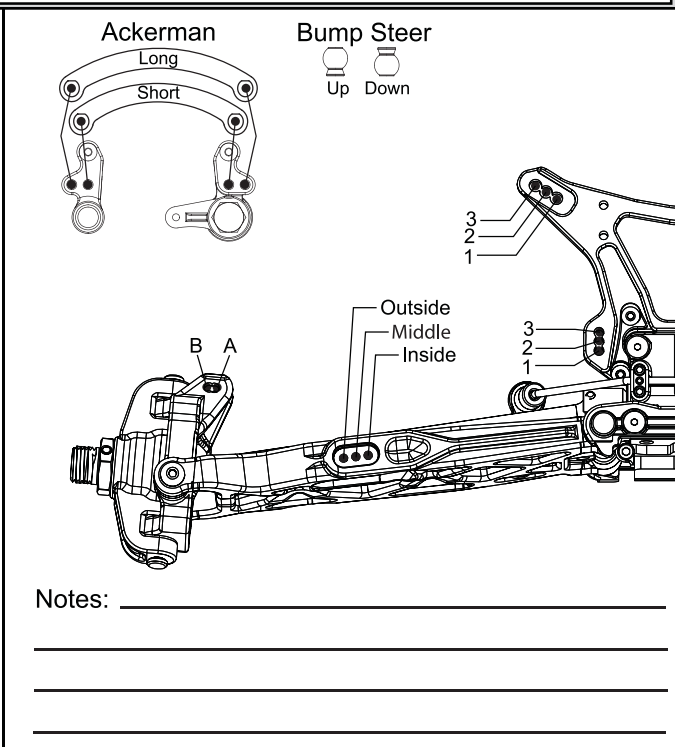
Track Conditions: Indoor Tight Smooth Hard Packed Blue Groove Wet Low Bite High Bite
 Outdoor Open Rough Loose/Loamy Dry Dusty Med Bite Other _____

Front Suspension

Toe: 2 degrees of toe-out
 Ride Height: 39mm
 Camber: -1 degree
 Caster: Stock
 Sway Bar: 2.3mm
 Piston/Oil: 55/35 wt
 Spring: Black 3.4 lb
 Limiter/Droop: _____
 Overall Shock Length: 110mm
 Steering Ackerman: Long
 Bump Steer: Down
 Camber Link: 2/A
 Shock Location: 2/Middle
 Receiver Battery Type: Losi LiPo

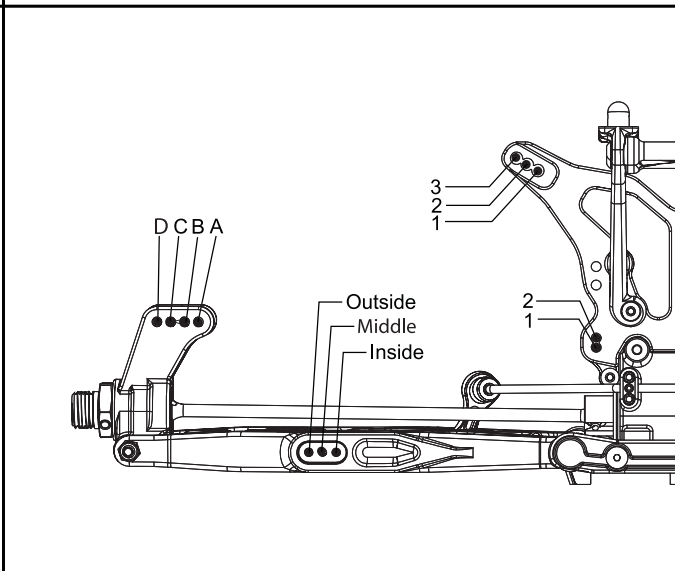
Differentials

Front: Standard Smart
 Spring Wire Dia: _____
 Qty of Springs: _____
 Ramp Plate: _____
 Grease: _____
 Diff Fluid: 7000 wt Losi
 Center: Standard Smart
 Spring Wire Dia: _____
 Qty of Springs: _____
 Ramp Plate: _____
 Grease: _____
 Diff Fluid: 10000 wt Losi



Rear Suspension

Toe: 3.5 degrees
 Anti-Squat: 3 degrees
 Ride Height: 42mm
 Camber: -2 degrees
 Rear Hub Spacing: 1 spacer foward
 Sway Bar: 2.3mm
 Piston/Oil: 56/32.5 wt
 Spring: Gray 4.0 lb
 Limiter/Droop: _____
 Overall Shock Length: 130mm
 Camber Link: 1/B
 Shock Location: 3/Middle
 Rear Diff Fluid: 2000 wt Losi



Engine

Engine: _____ Fuel: Nitrotane 30%
 Glow Plug: _____ Head Clearance: _____
 Pipe/Header: _____ Gearing: 13/50

Clutch

Clutch Shoes and Springs Info

4 Aluminum Shoes
2 Gold and 2 Green Springs
Aluminum Flywheel

Tires

Type	Compound	Insert
Front: <u>XTT</u>	<u>Blue</u>	<u>Losi</u>
Rear: <u>XTT</u>	<u>Blue</u>	<u>Losi</u>

Notes: _____



TLRACING.COM

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