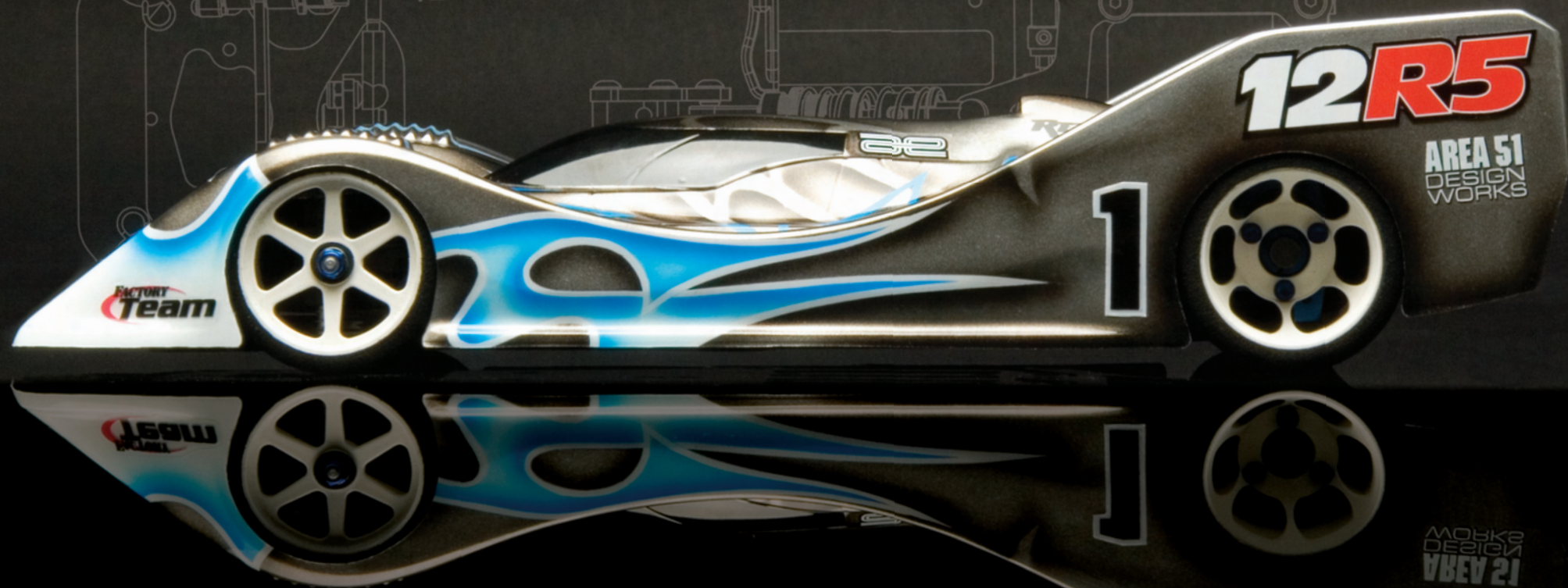


12R5 FACTORY Team



4018: 12R5
1:12 Scale Electric 2WD Competition Car Kit

TEAM ASSOCIATED



Thank you! ...for selecting this Team Associated model.

Associated's Factory Team 12R5 is Area-51's answer to the most competitive 12th scale fields in history. Starting with a blank sheet of paper, many decades of race winning experience and new ideas, the designers built the 12R5 from the ground up producing an entirely new platform. The result is the 12R5, an electric race car that offers the performance and durability to stand up to the highest demands of racing.

Team Associated wants you to enjoy the process of building, driving and maintaining your new model. If you discover any problems or need help with the assembly of your model, please give us a call and we will do our very best to help you!

Manual

Examine each step carefully before building. Special notes will be listed for each step.

Bags

Open the bags in order according to each step. Some bags contain a large amount of small parts. We recommend using a small container to keep the parts together.

Items Needed

You will need the following to complete your vehicle:

1. R/C two channel surface frequency radio system.
2. Electronic Speed Control.
3. R/C Electric Motor.
4. Battery pack.
5. Peak detection battery charger
6. Pinion gear
7. 1/12 scale Lexan body.
8. Wheels and tires.

Customer Support

Tel: 949.544.7500

Fax: 949.544.7501

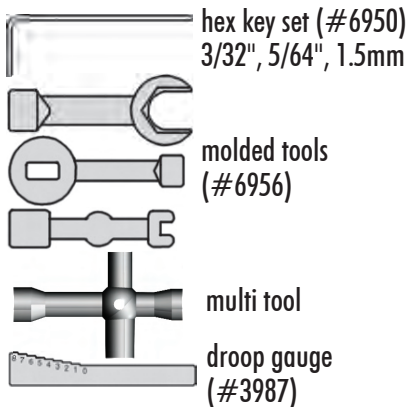
Hours: Monday-Friday
8:00am - 4:00pm, pst

Visit the following web sites for tips, setup help and racing information:

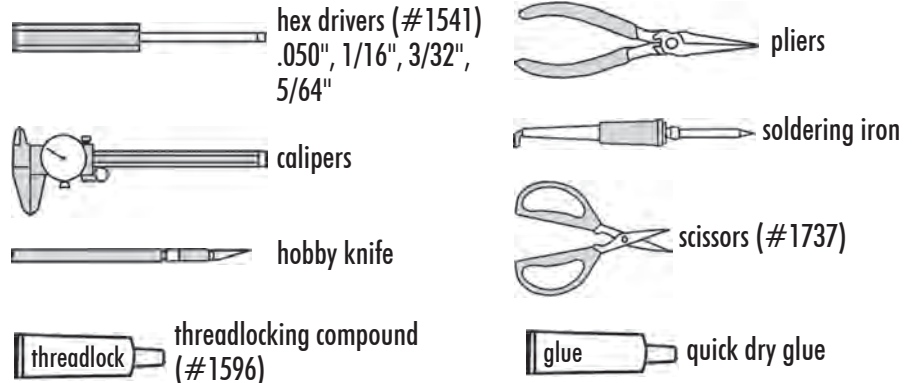
www.RC10.com
www.TeamAssociated.com



Supplied



Recommended



Suppl.

We are constantly developing new parts to improve our kits. These changes, if any, will be noted on supplementary sheets located in the appropriate parts bags. Check each bag for these sheets before you start to build.

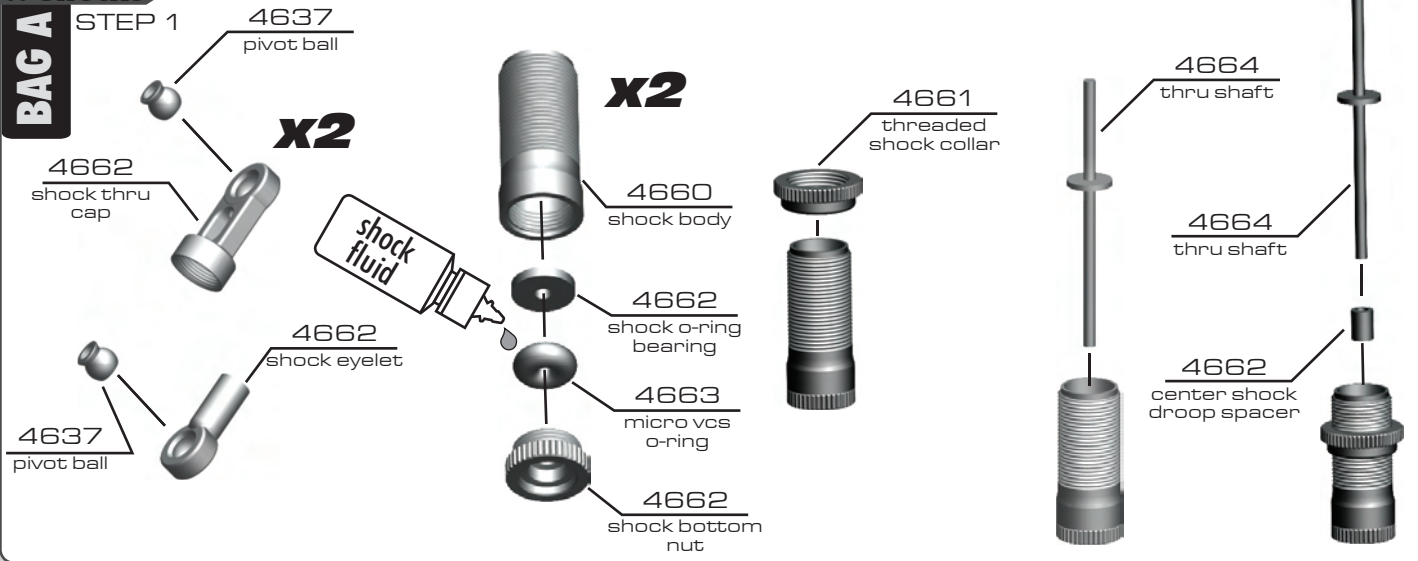
Notes

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

:: Shocks

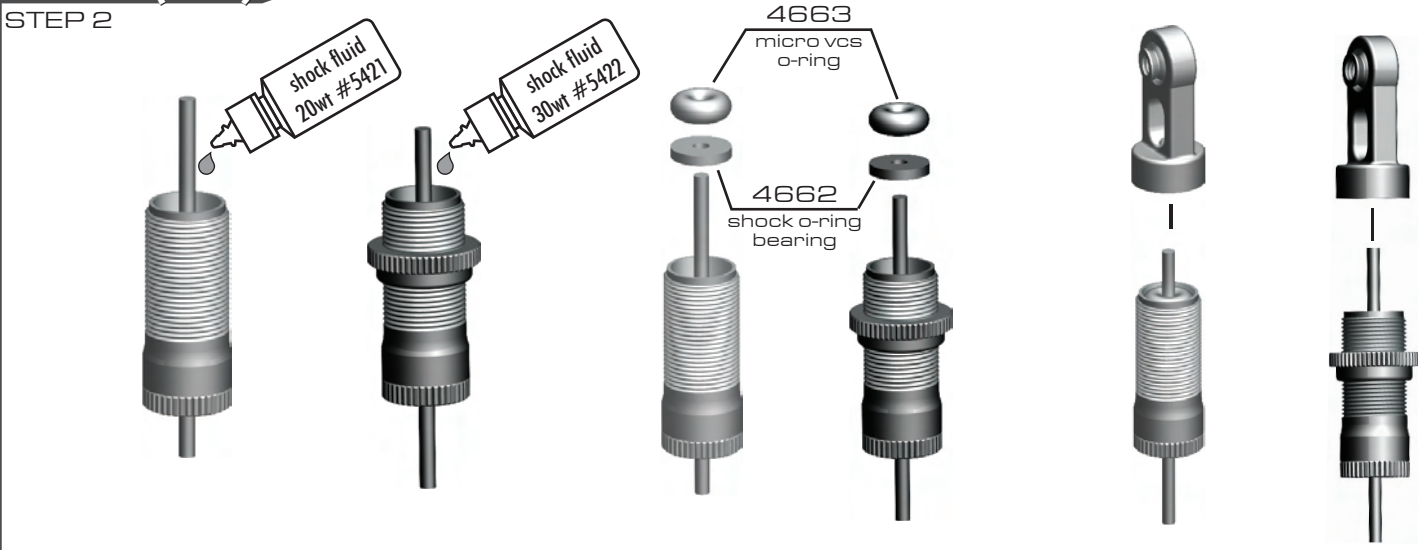
BAG A

STEP 1



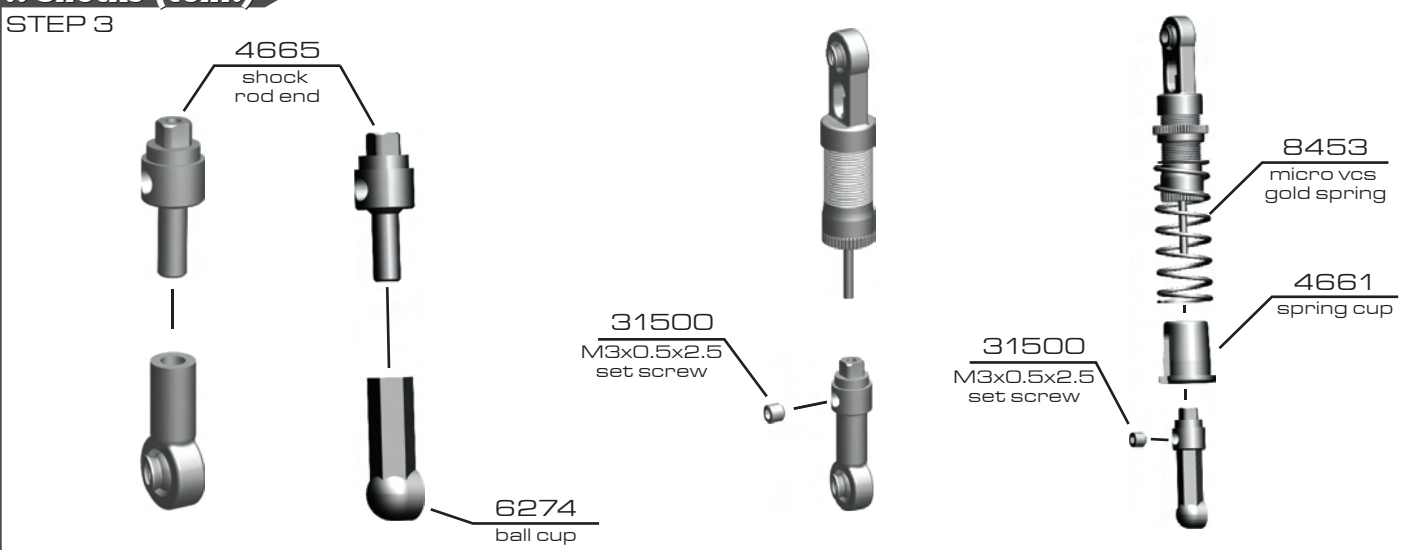
:: Shocks (cont.)

STEP 2



:: Shocks (cont.)

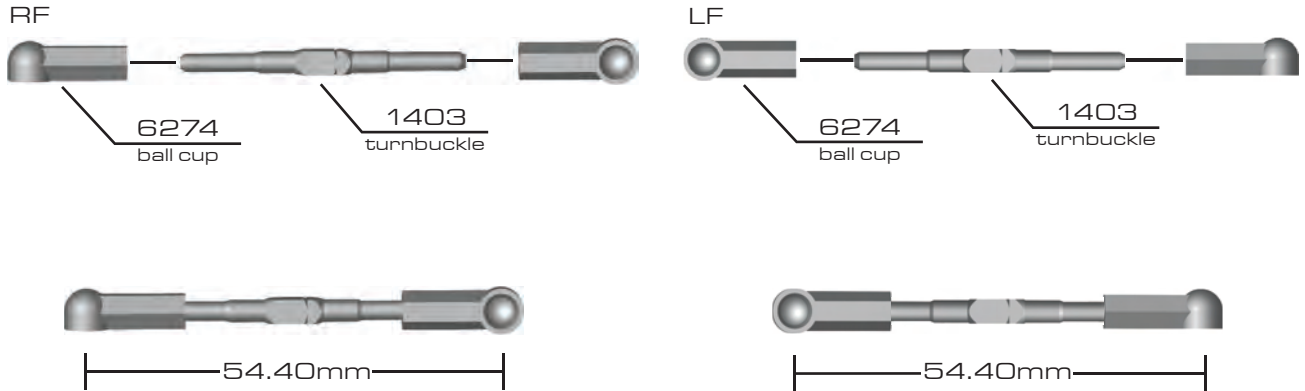
STEP 3



:: Turnbuckles

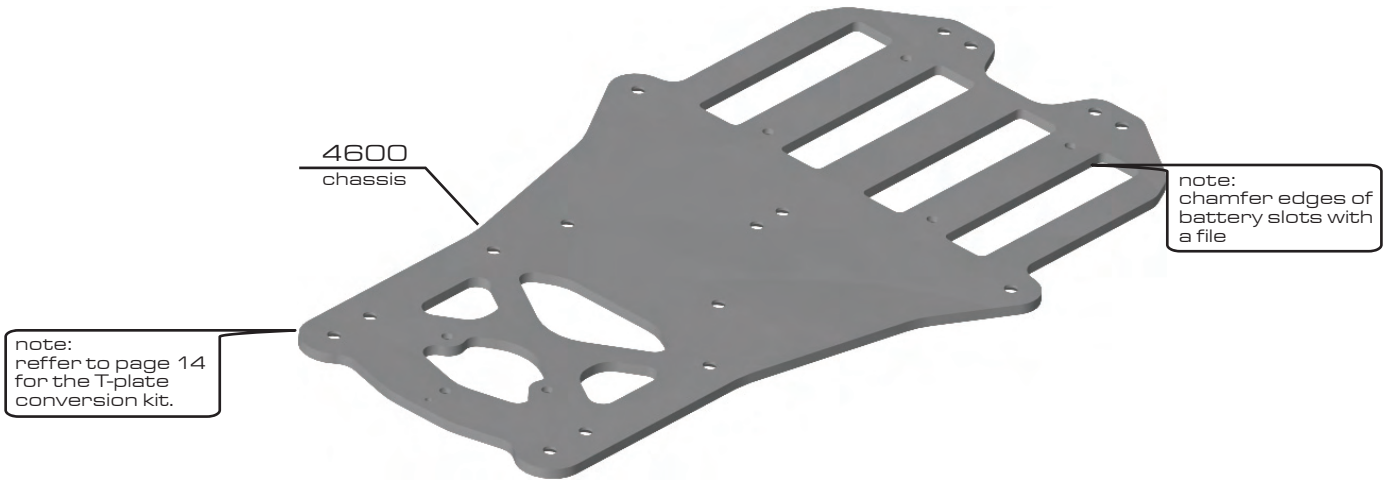
BAG B

STEP 1



:: Chassis Prep

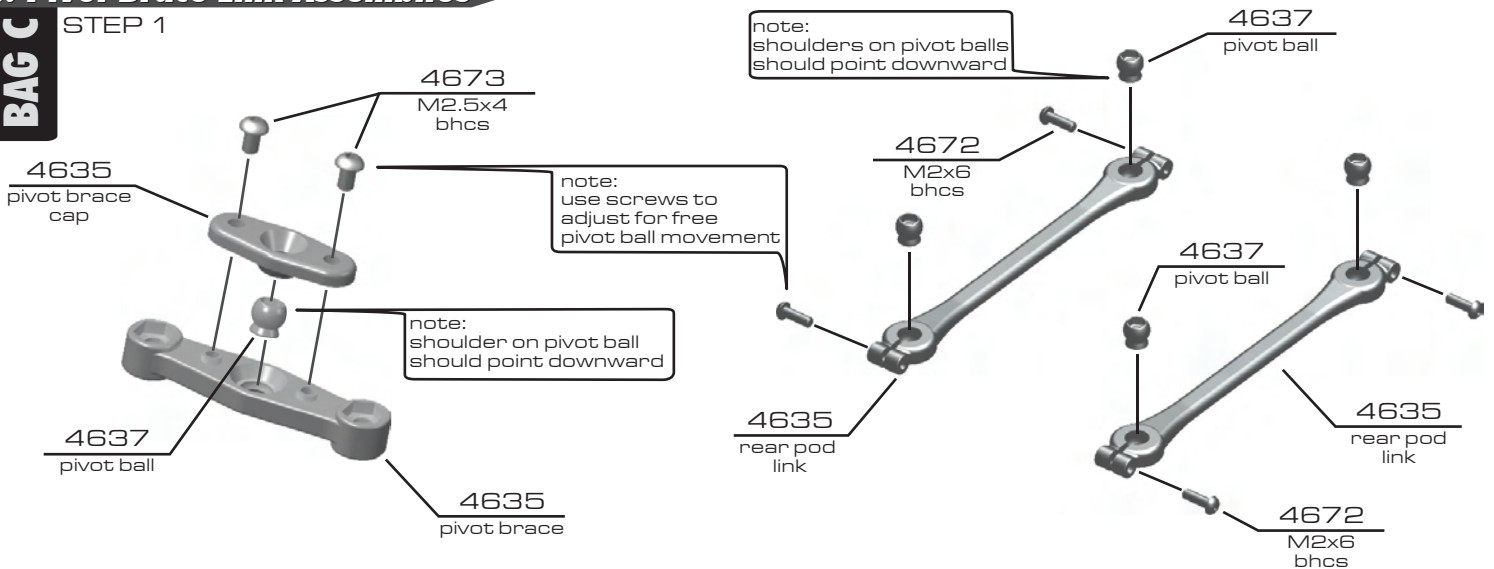
STEP 2



:: Pivot Brace Link Assemblies

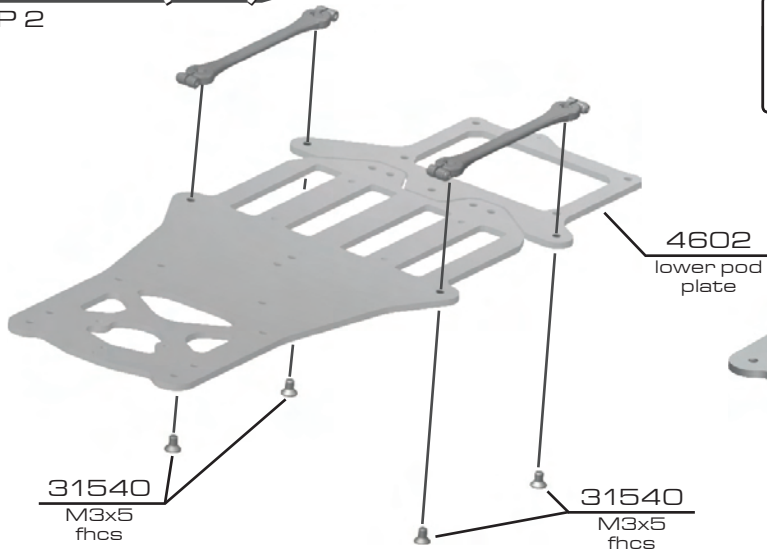
BAG C

STEP 1

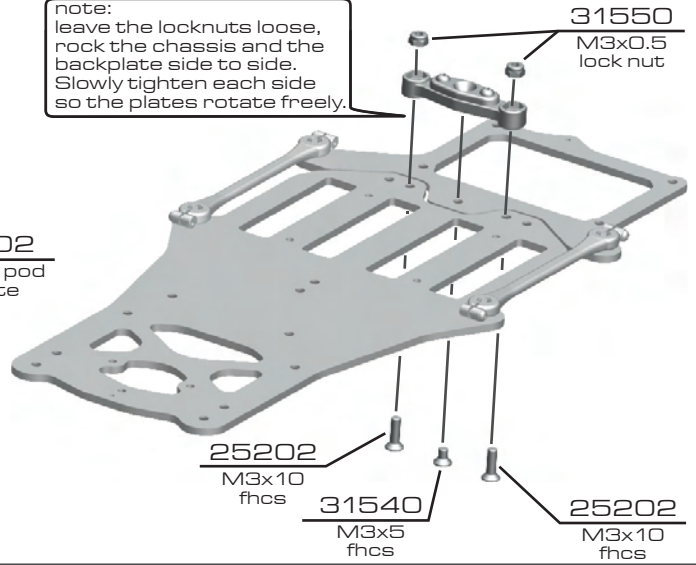


:: Pivot Brace (cont.)

STEP 2

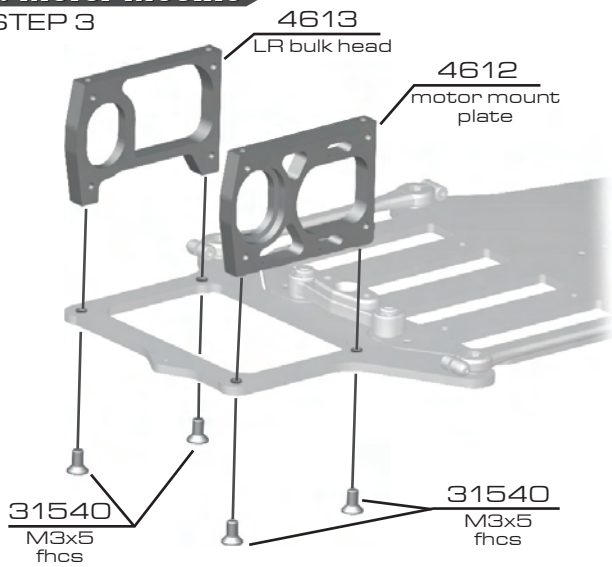


note: leave the locknuts loose, rock the chassis and the backplate side to side. Slowly tighten each side so the plates rotate freely.



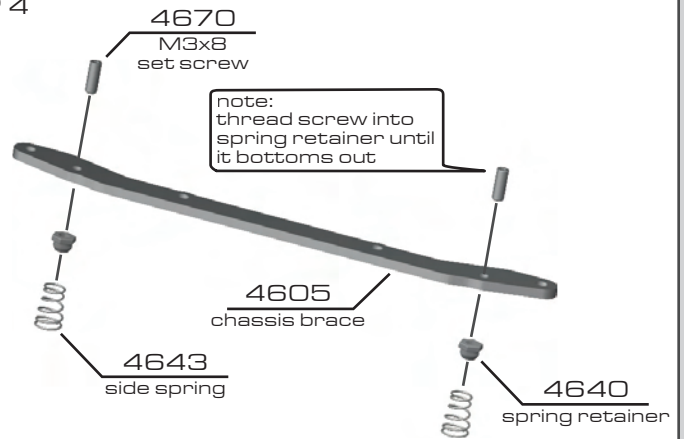
:: Motor Mounts

STEP 3



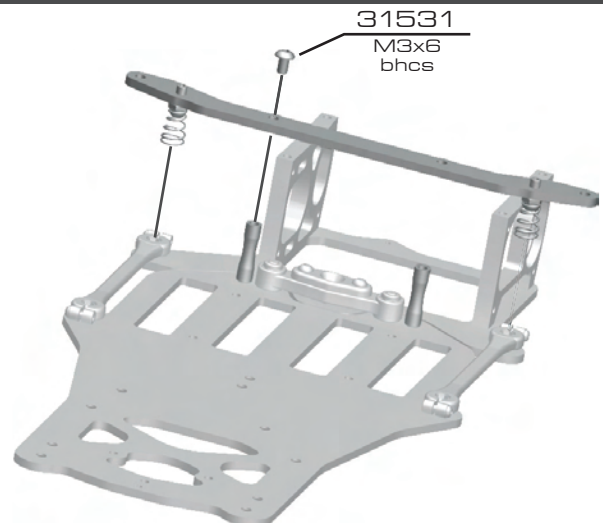
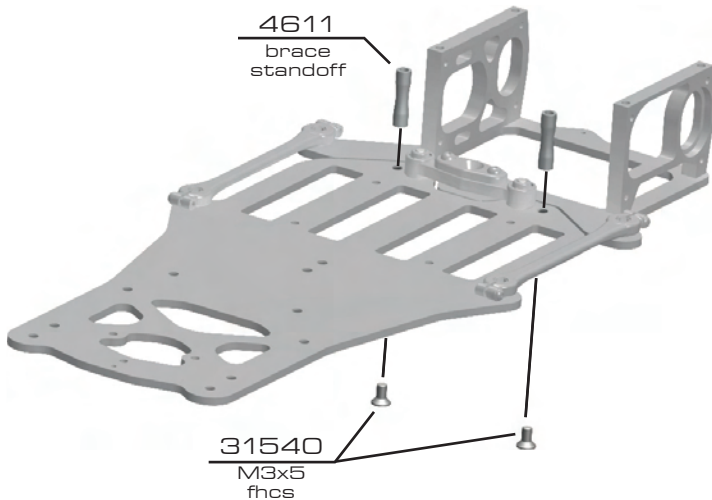
:: Chassis Brace

STEP 4



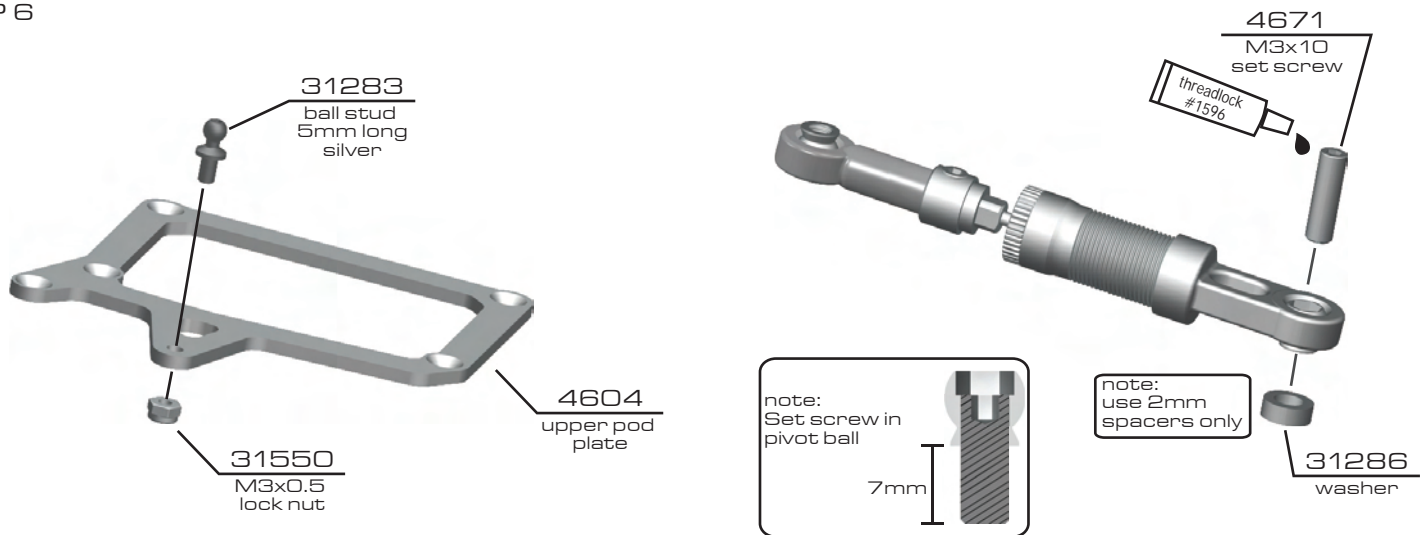
:: Chassis Brace (cont.)

STEP 5



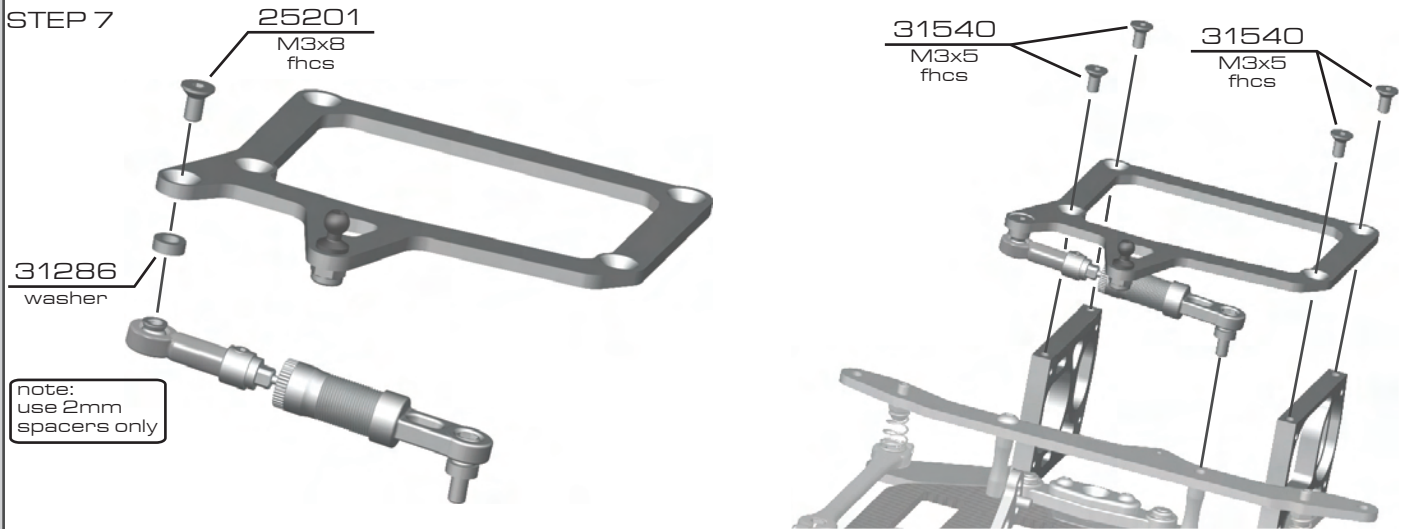
:: Upper Pod Plate / Side Shock

STEP 6



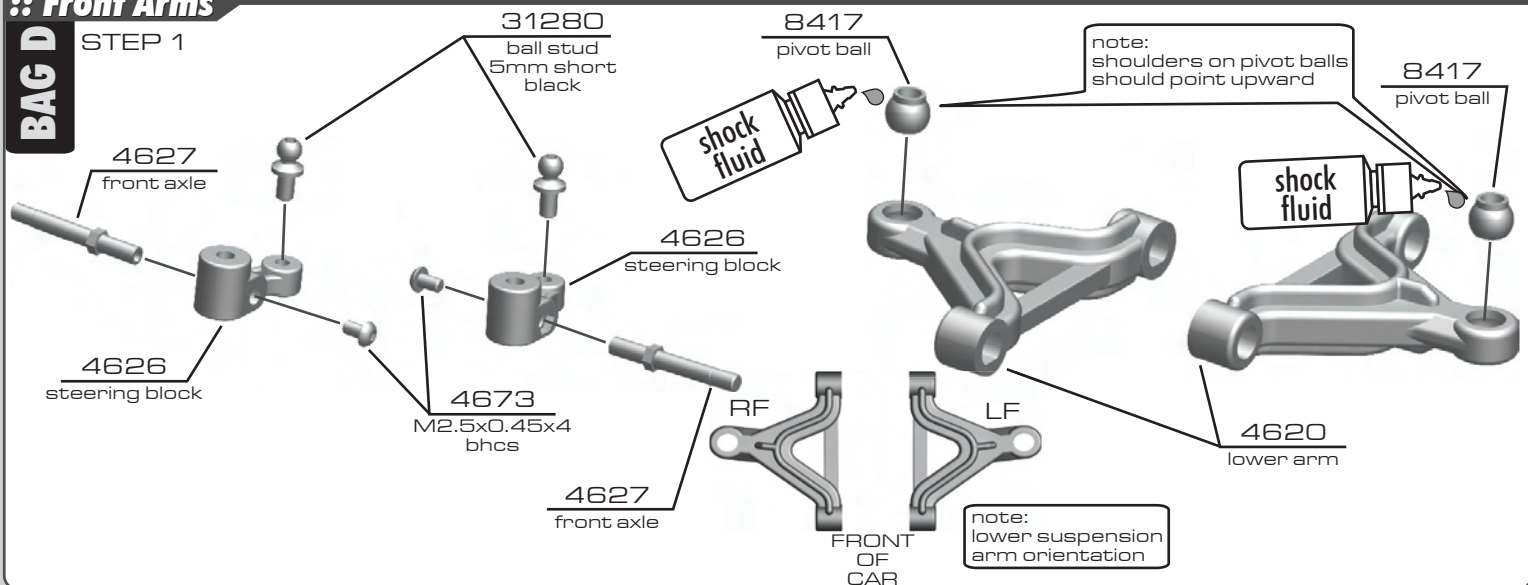
:: Upper Pod Plate / Side Shock (cont.)

STEP 7



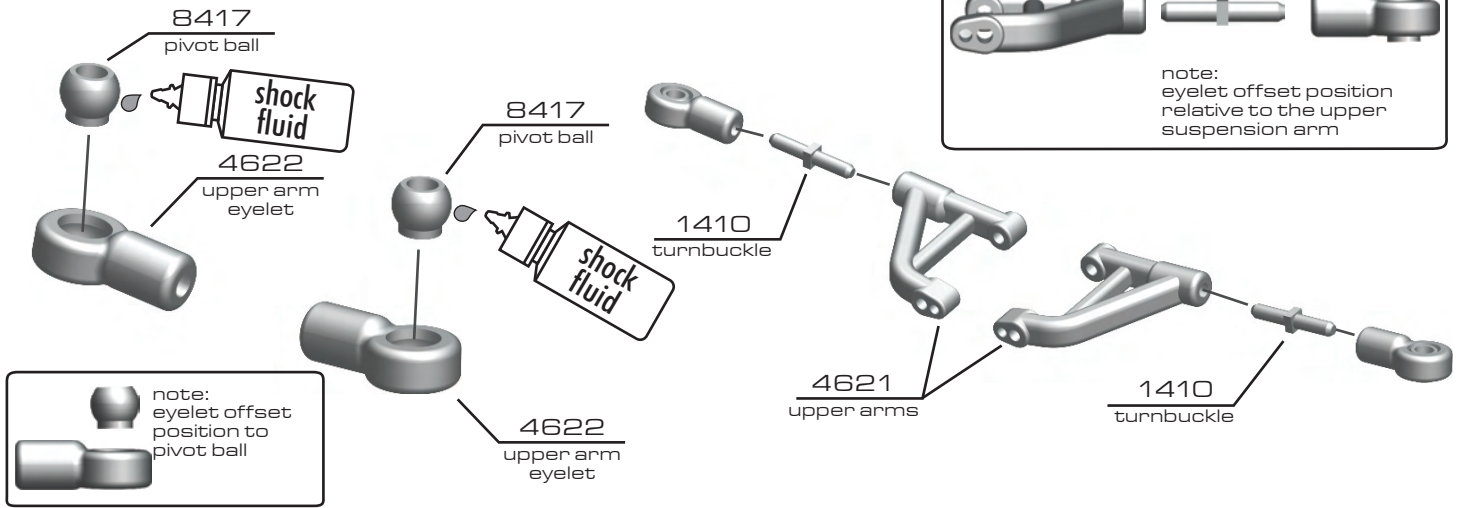
:: Front Arms

STEP 1



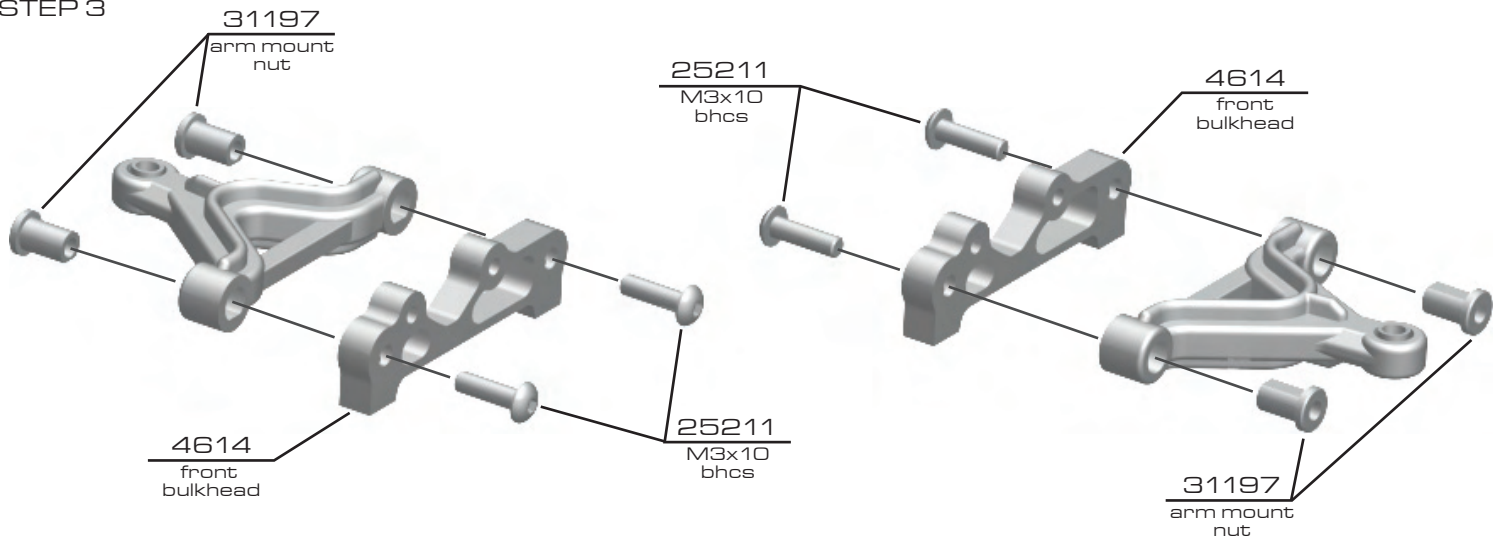
:: Front Arms (cont.)

STEP 2



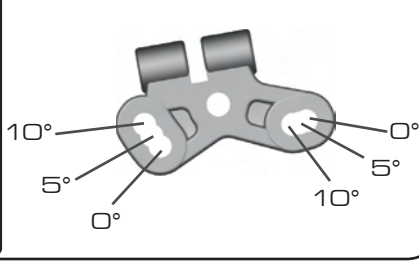
:: Front Arms (cont.)

STEP 3

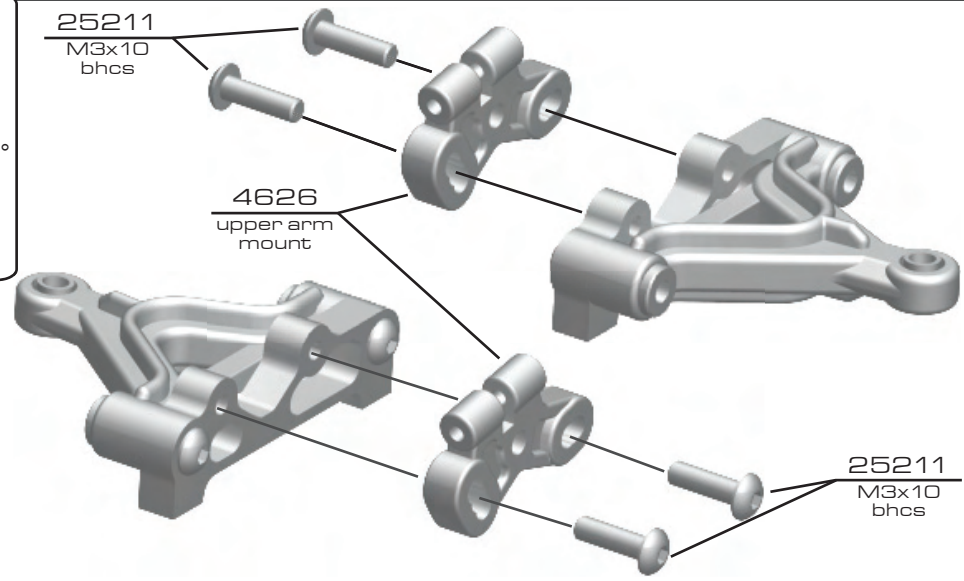


:: Front Arms (cont.)

Upper Suspension Mount Active Caster Settings

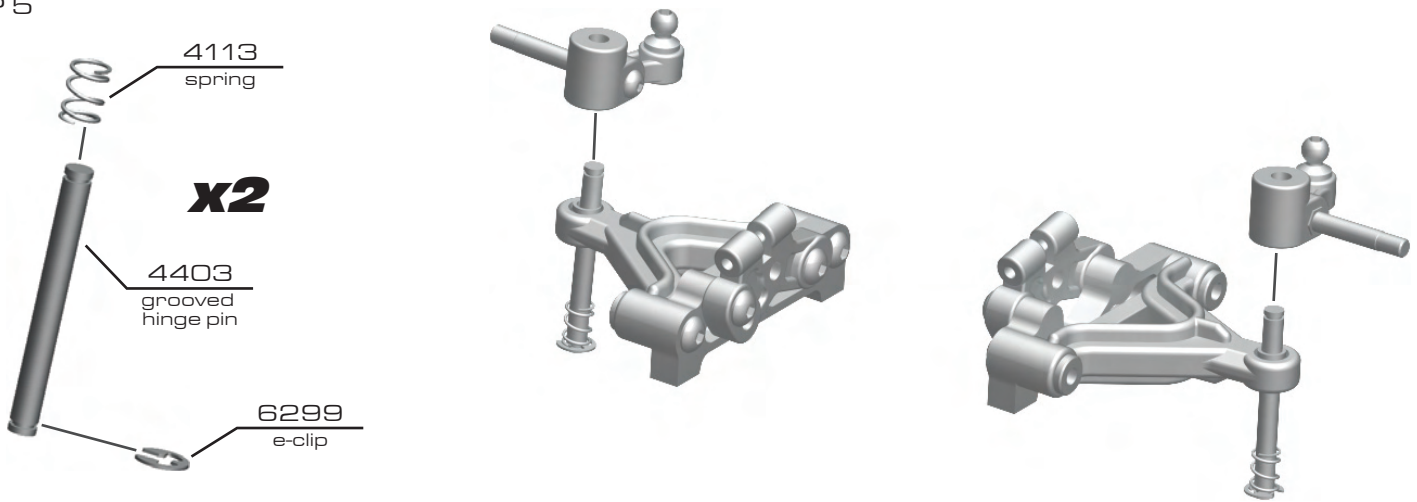


STEP 4



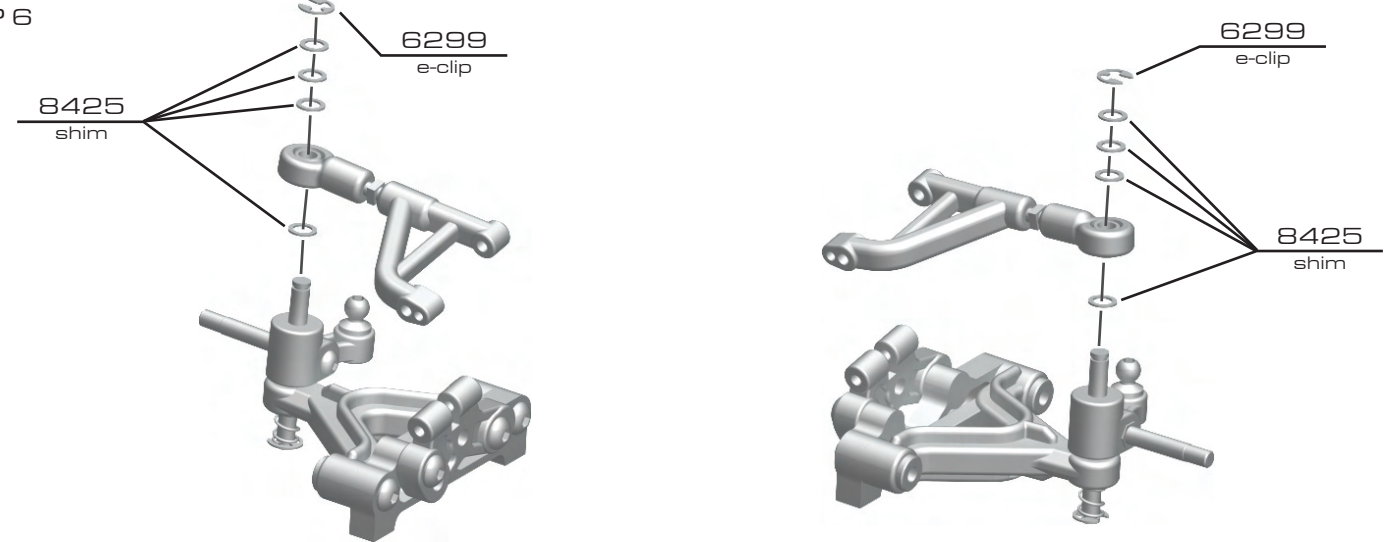
:: Front Arms (cont.)

STEP 5



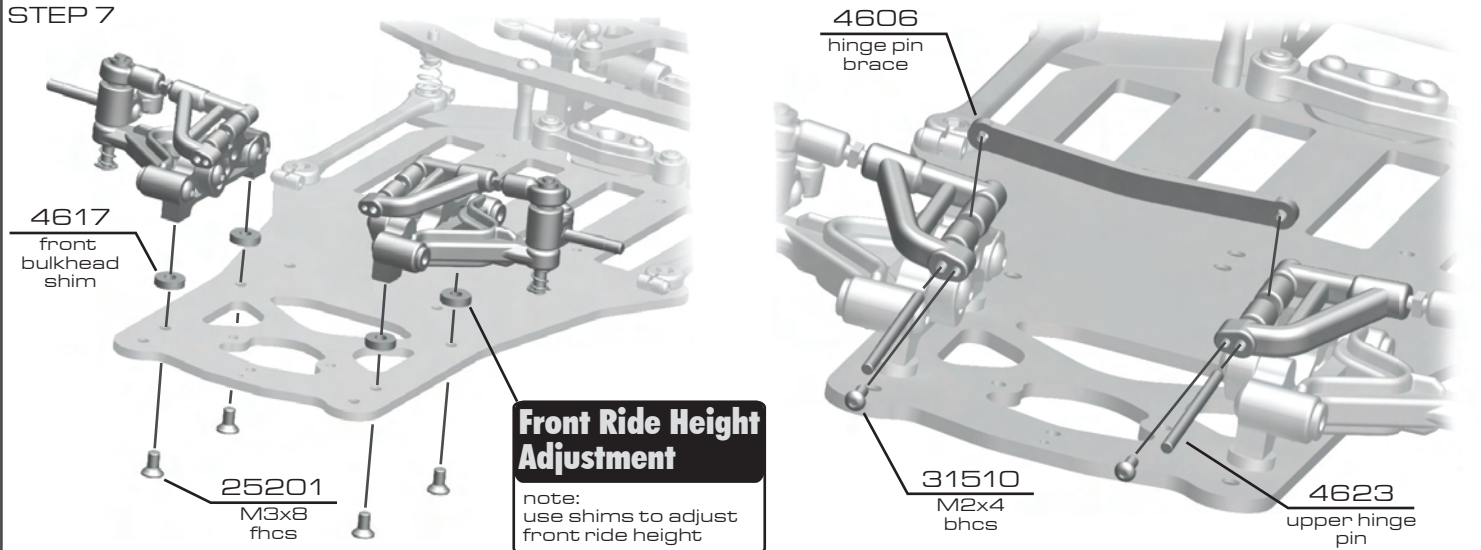
:: Front Arms (cont.)

STEP 6



:: Front Bulkhead

STEP 7

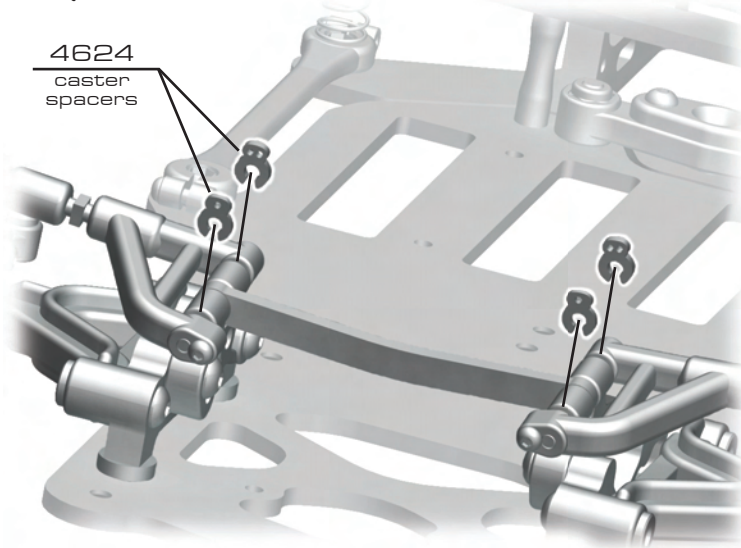


:: Front Bulkhead (cont.)

STEP 8

Caster Spacers

0.8mm 1.2mm



Caster Adjustments



1.80° (-)



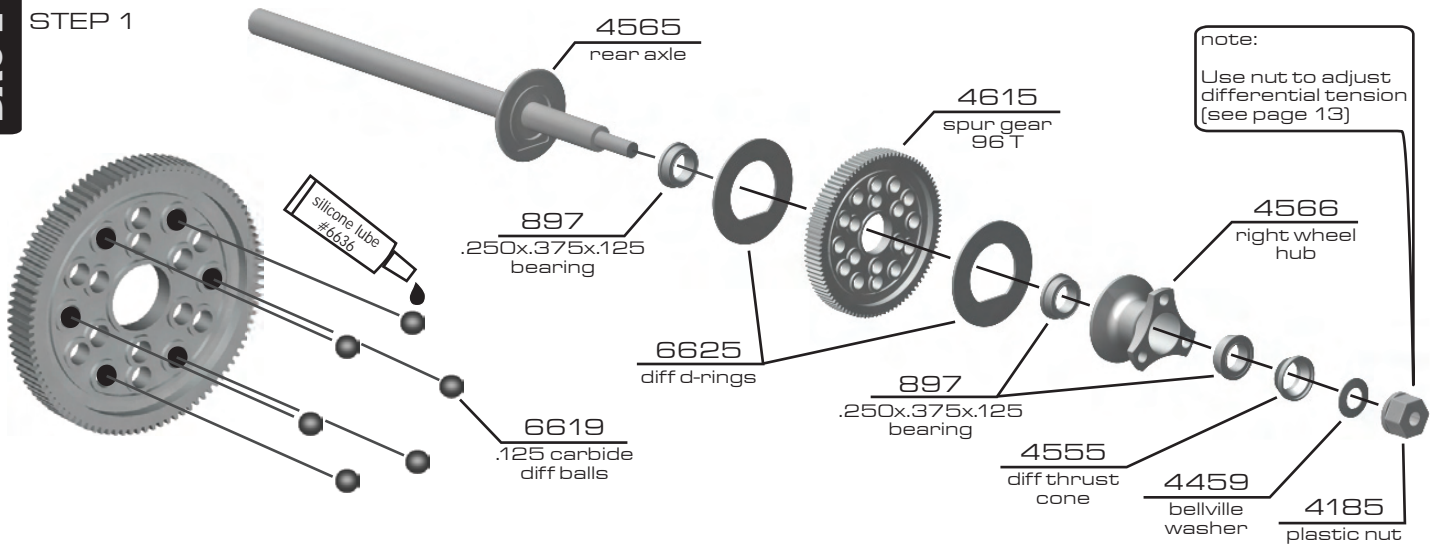
3.25° (-)



6.15° (-)

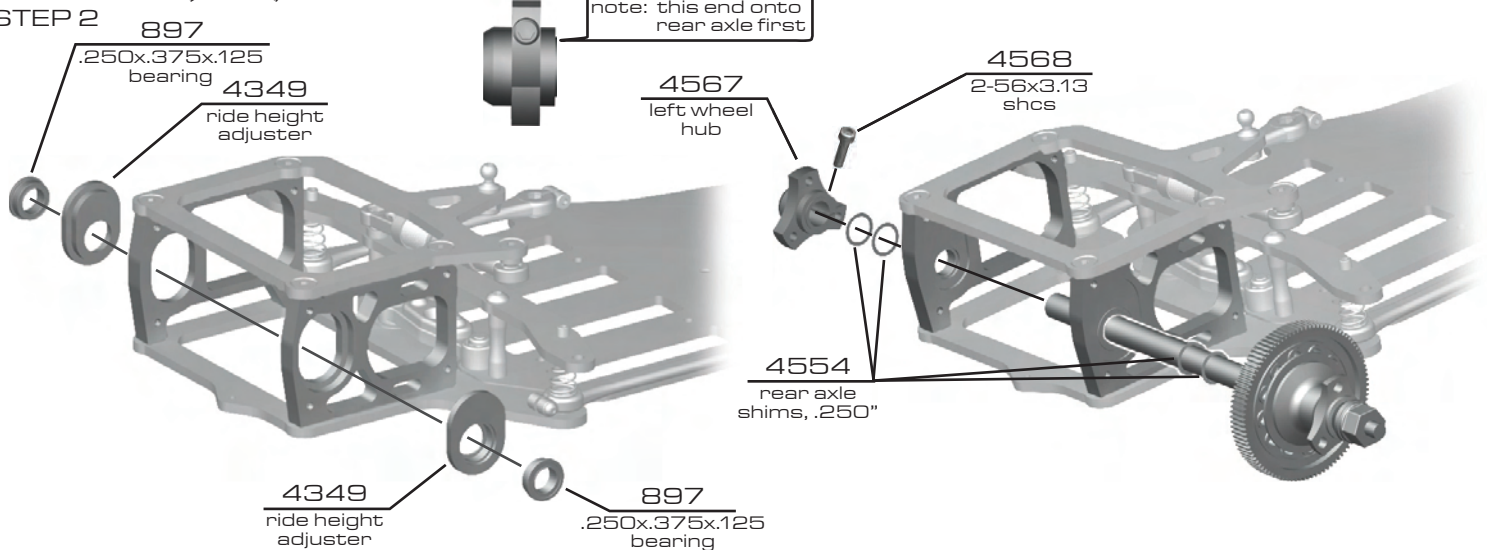
:: Rear Axle

BAG E STEP 1



:: Rear Axle (cont.)

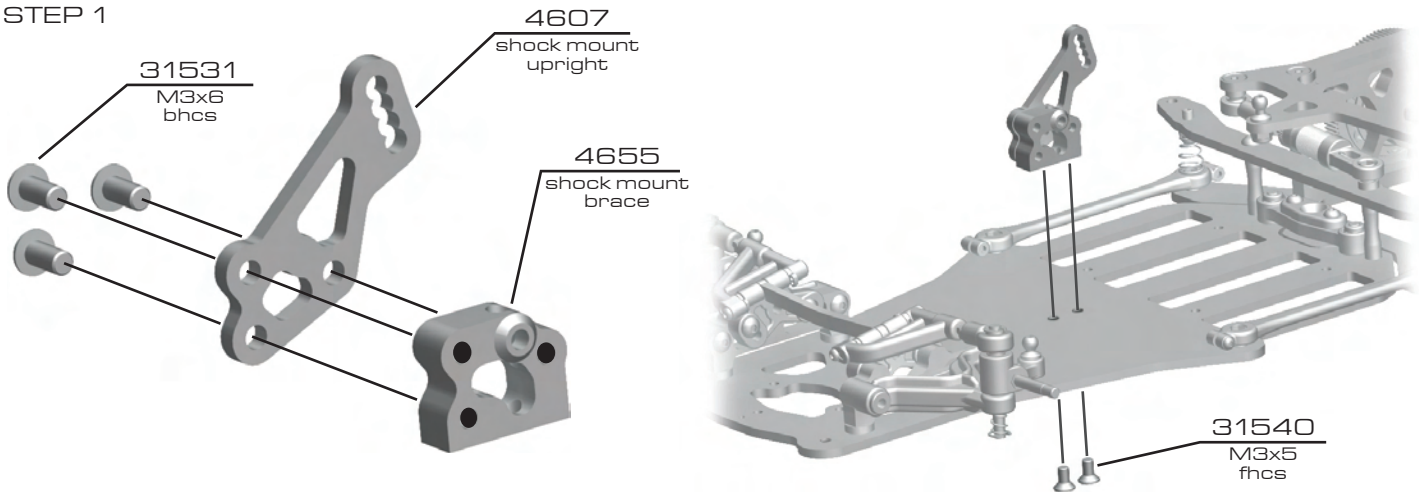
STEP 2



:: Center Shock

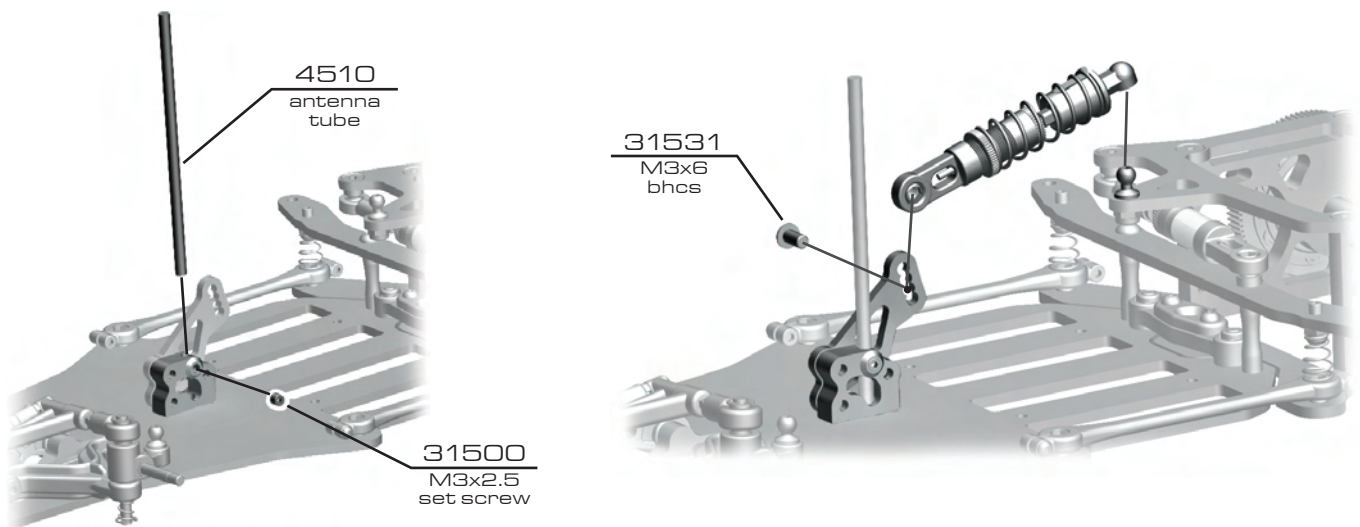
BAG F

STEP 1



:: Center Shock (cont.)

STEP 2

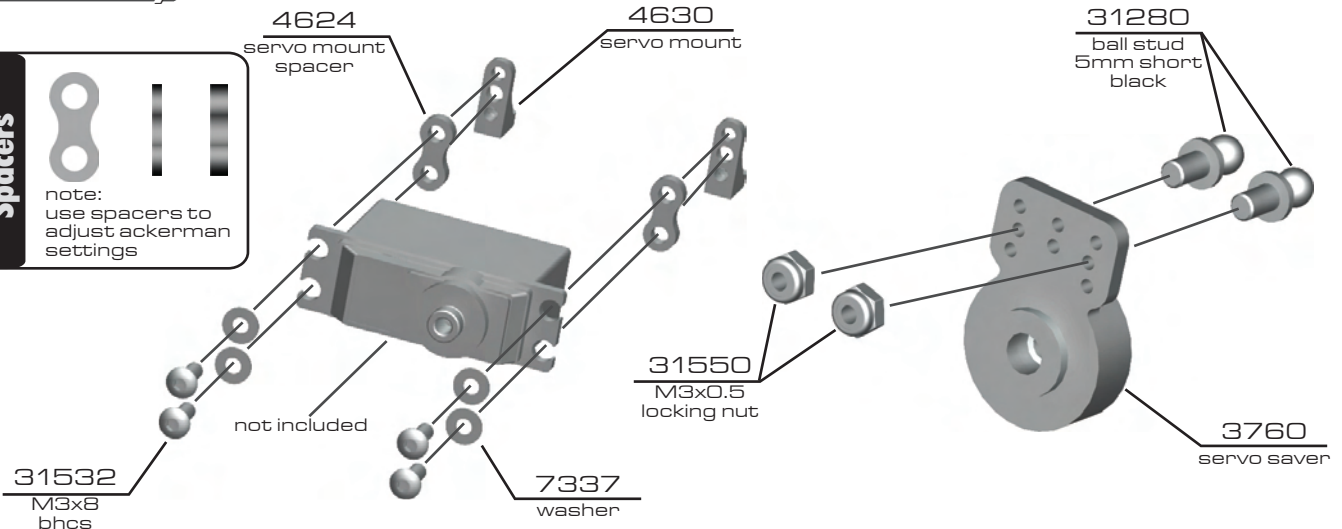


:: Servo Assembly

STEP 3

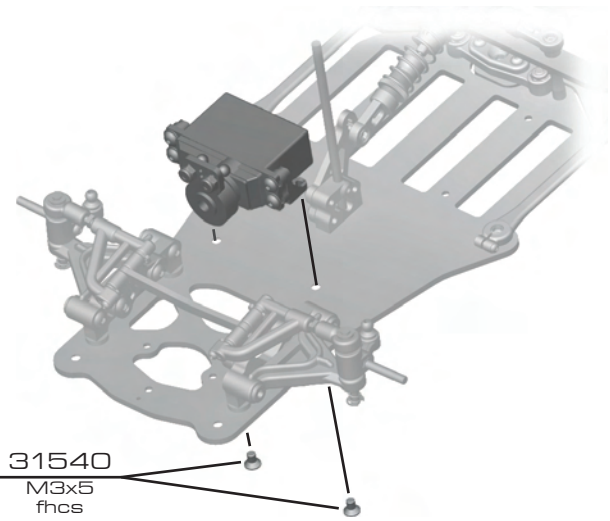
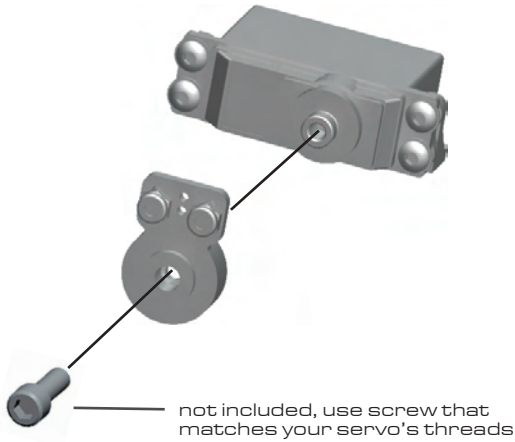
**Ackerman
Adjustment
Spacers**

note:
use spacers to
adjust ackerman
settings



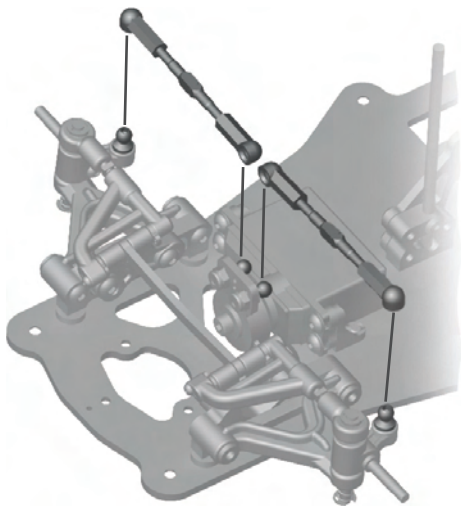
:: Servo Assembly (cont.)

STEP 4



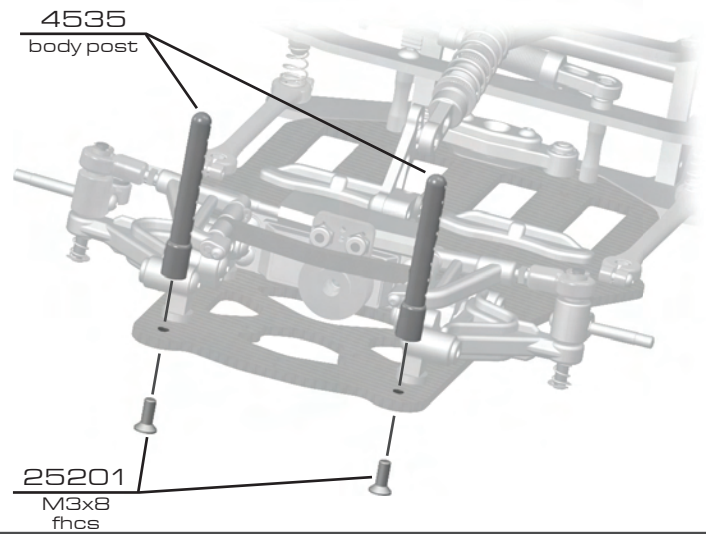
:: Servo Assembly (cont.)

STEP 5



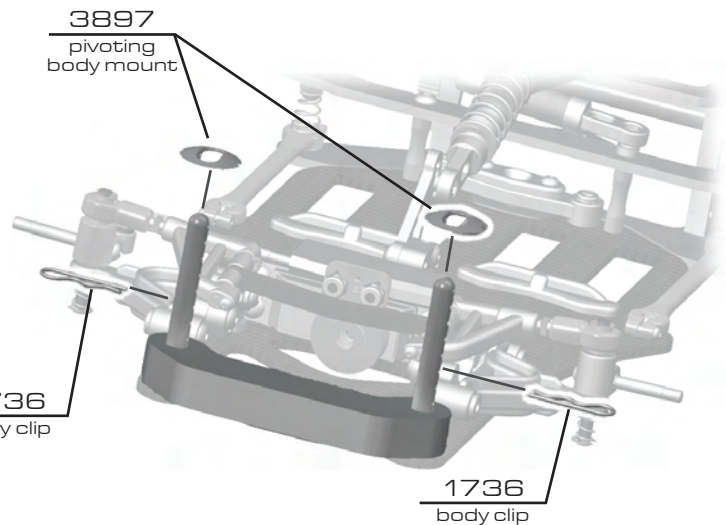
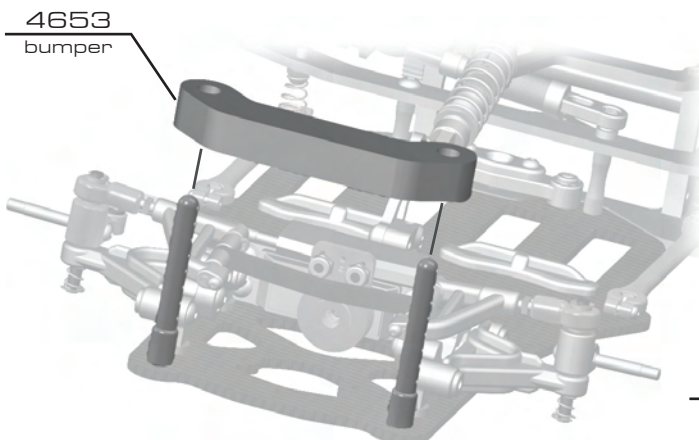
:: Body Posts

STEP 6



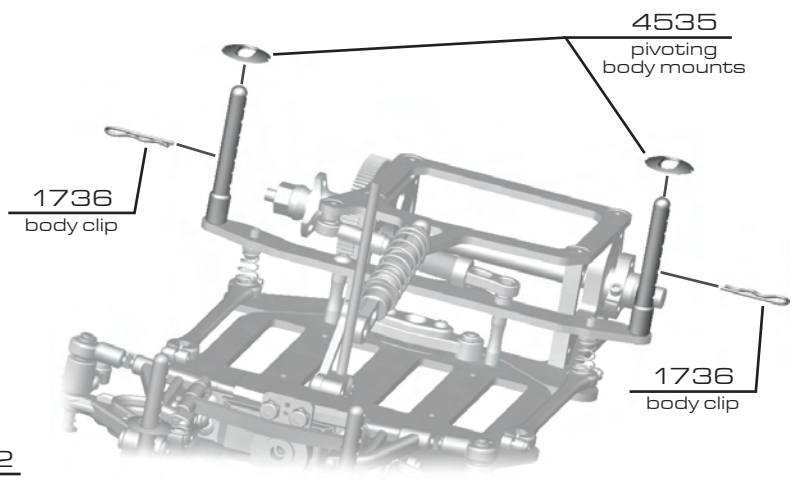
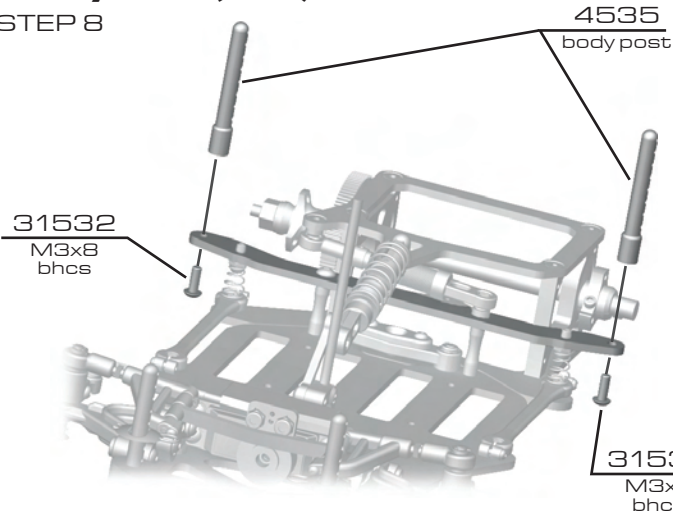
:: Body Posts (cont.)

STEP 7



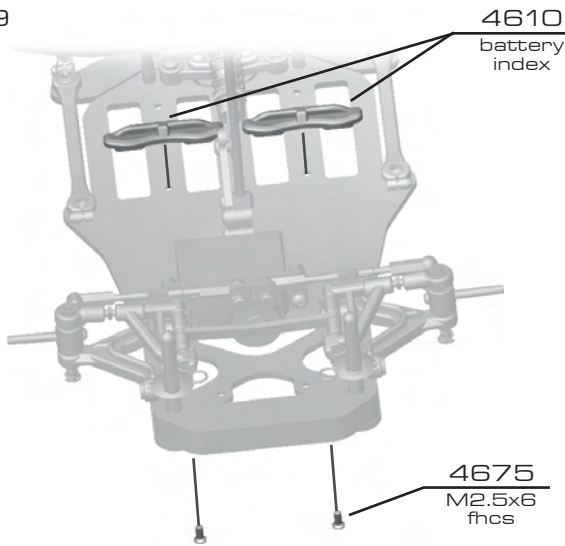
:: Body Posts (cont.)

STEP 8



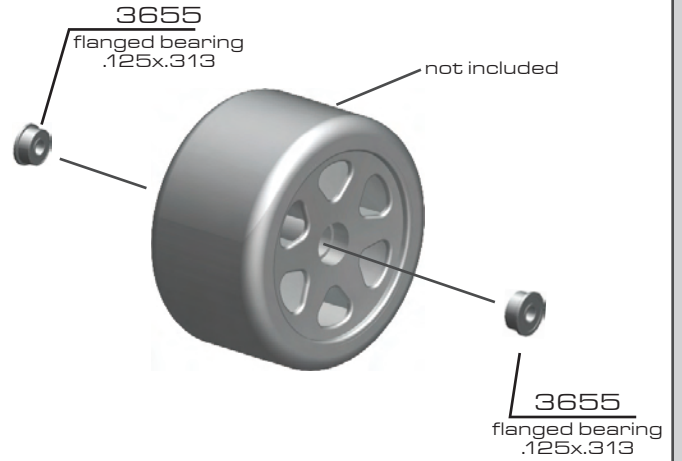
:: Battery Index

STEP 9



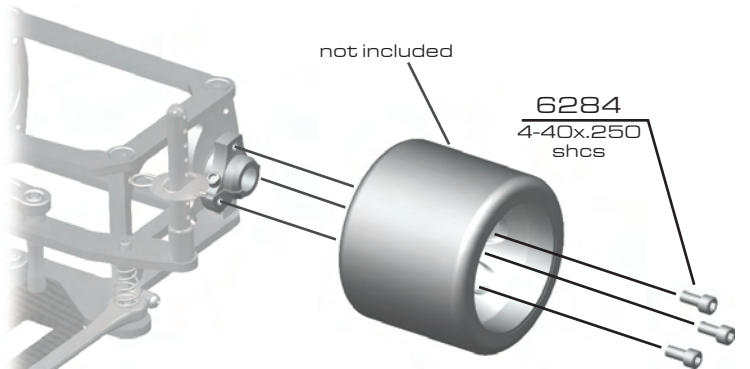
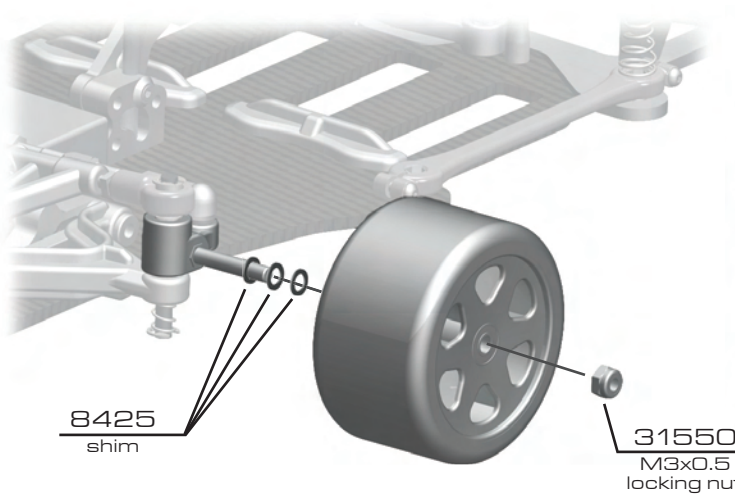
:: Tires / Wheels

STEP 10



:: Tires / Wheels (cont.)

STEP 11



:: Electronics

STEP 1

4676
M2.5x0.45
lock nut

4675
M2.5x6
fhcs

transponder
not included

receiver
not included

speed control
not included

:: Electronics (cont.)

Differential Adjustment:

While holding both rear wheels with your hands, use your right thumb and index finger to try to rotate the spur gear. The spur gear should be very difficult to rotate. If you can rotate it easily, tighten the #4185 11/32" nut at the end of the axle, **a little at a time**, until the spur gear is difficult to rotate.

STEP 2

motor
not included

9630
washer

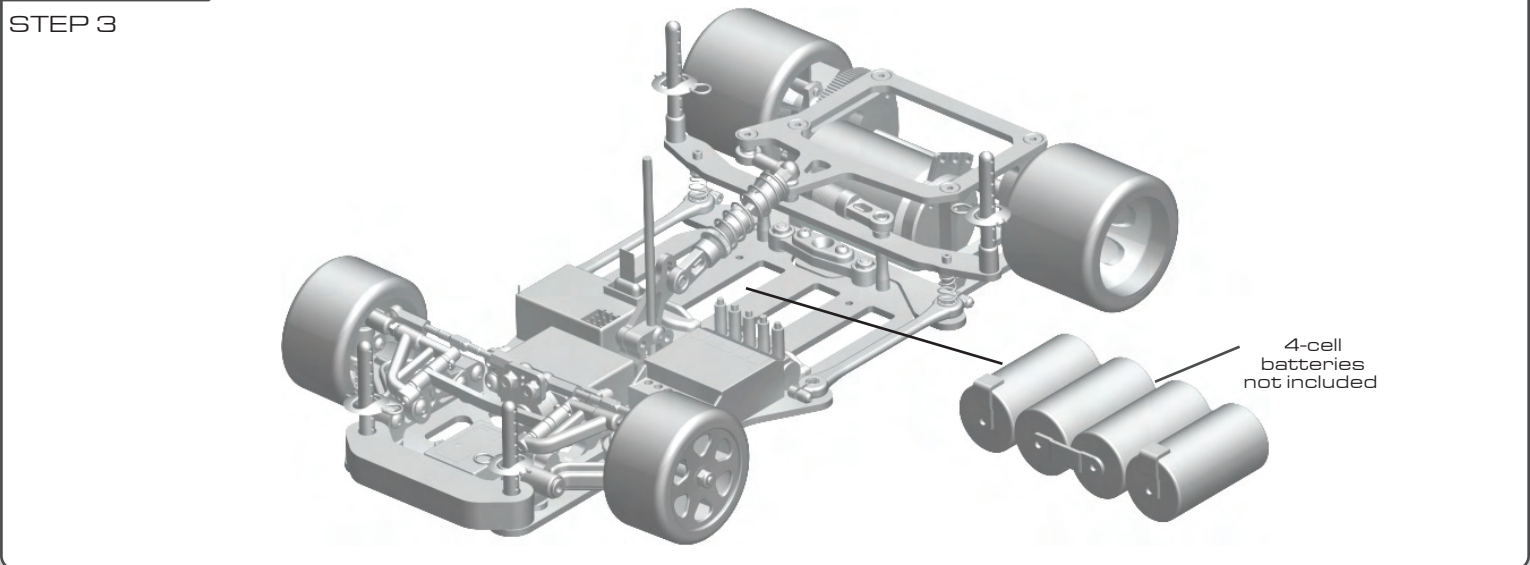
25211
M3x10
bhcs

pinion gear
not included

:: Electronics

STEP 3

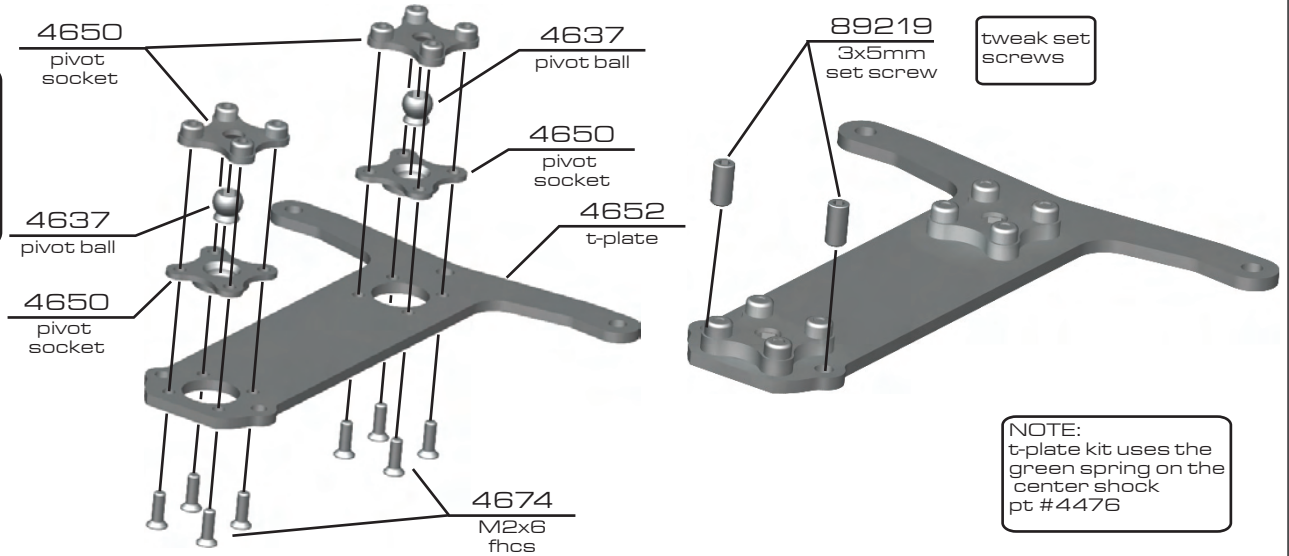
4-cell
batteries
not included



:: T-Plate

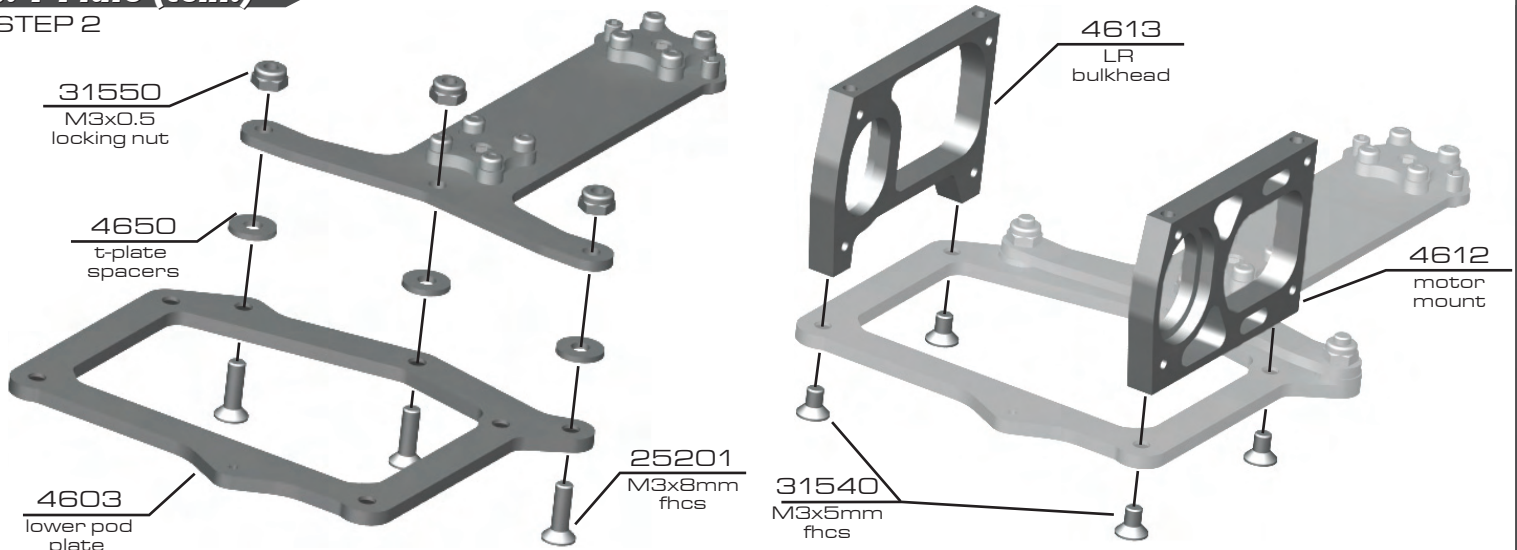
STEP 1

NOTE: use this page for optional T-plate conversion kit installation. Replace step 2 (bag B), and steps 1-3, 5 (bag C) in manual with these steps.



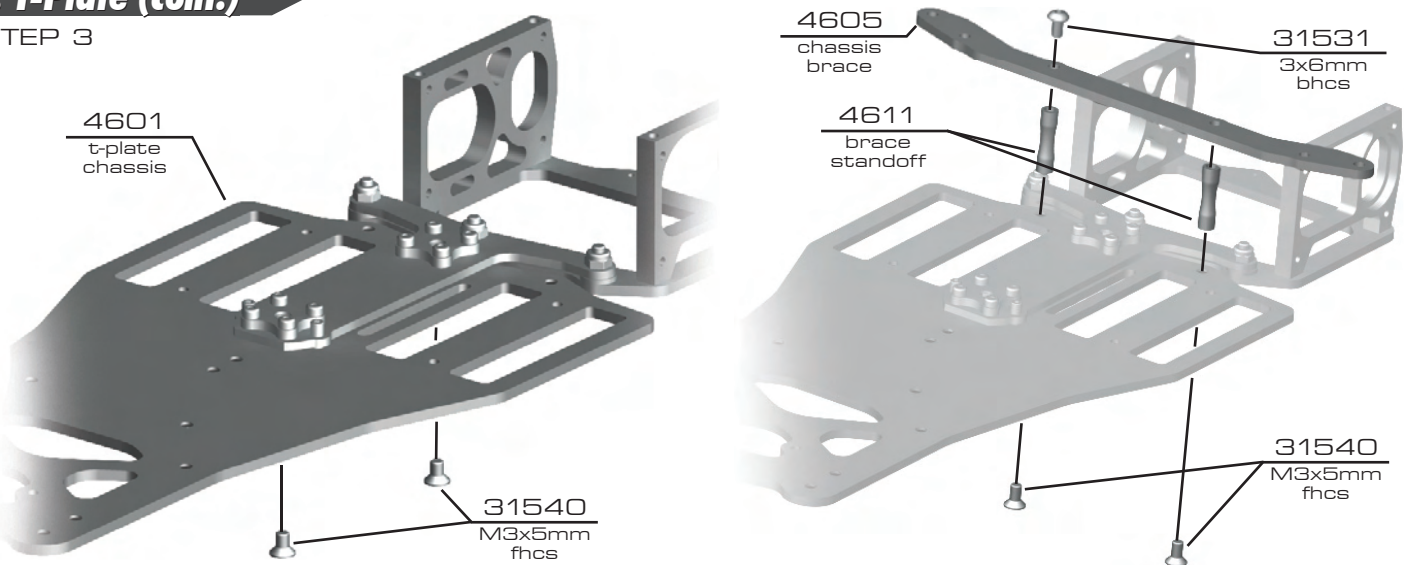
:: T-Plate (cont.)

STEP 2



:: T-Plate (cont.)

STEP 3





:: Driver: Team Associated **:: Date:** _____
:: Track: Standard 12R5 Setup
:: Event: _____

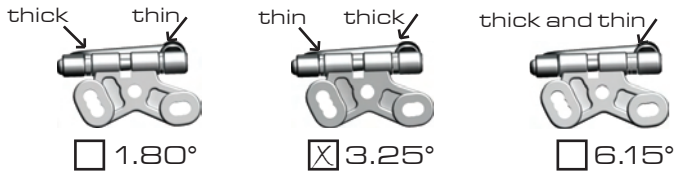
Setup Sheet for Team Associated's 12R5

Rev. 1

:: Front Suspension

Kingpin Lube: _____
 Springs: .020
 Upper Arm Mounts: 0° 5° 10°
 Camber: -1 °

Caster:




Ride Height: 3.5mm

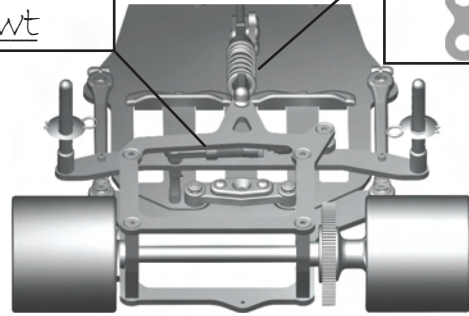
Notes: _____

:: Rear Suspension

Side Spring: silver
 T-Plate: _____
 Ride Height Adjuster: _____
 Ride Height: 3.5mm

Center Shock
 Oil: 30wt
 Spring: gold
 Position: 

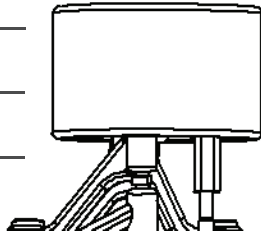
Side Shock
 Oil: 20wt



Notes: _____

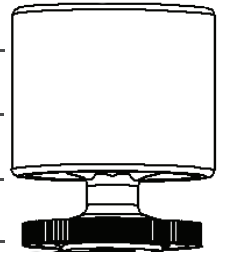
:: Front Tires

Tire: _____
 Diameter: _____
 Wheel Type: _____
 Additive: _____
 Notes: _____



:: Rear Tires

Tire: _____
 Diameter: _____
 Wheel Type: _____
 Additive: _____
 Notes: _____



:: Body

Body Type and Make: _____

Notes: _____

:: Track Info

smooth: bumpy:
 traction: high med. low
 Notes: _____

:: Motor/Battery

Motor: _____
 Brush: _____ Spring: _____
 Timing: _____ Gear: _____ / _____
 Battery: _____
 Battery Position:
 Front Back

:: Transmitter



Turning Circle: _____
 Steering Expo: _____
 Brake E.P. : _____
 Throttle Expo: _____
 Notes: _____

:: Speed Control



S.C. : _____
 S.C. Settings: _____

:: Hardware - 1:1





cap head (shcs)

	2-56x.313 (4568)
	4-40x.250 (6284)



nuts (lock/plain)

	m2.5 locknut (4676)
	m3 locknut (31550)







setscrews

	3x2.5mm (31500)
	3x5mm (89219)
	3x8mm (4670)
	3x10mm (4671)






pivot balls

	hard anodized pivot ball (4637)
	plastic pivot ball (8417)








button head (bhcs)

	2x4mm (31510)
	2x6mm (4672)
	2.5x4mm (4673)
	3x6mm (31531)
	3x8mm (31532)
	3x10mm (25211)



flat head (fhcs)

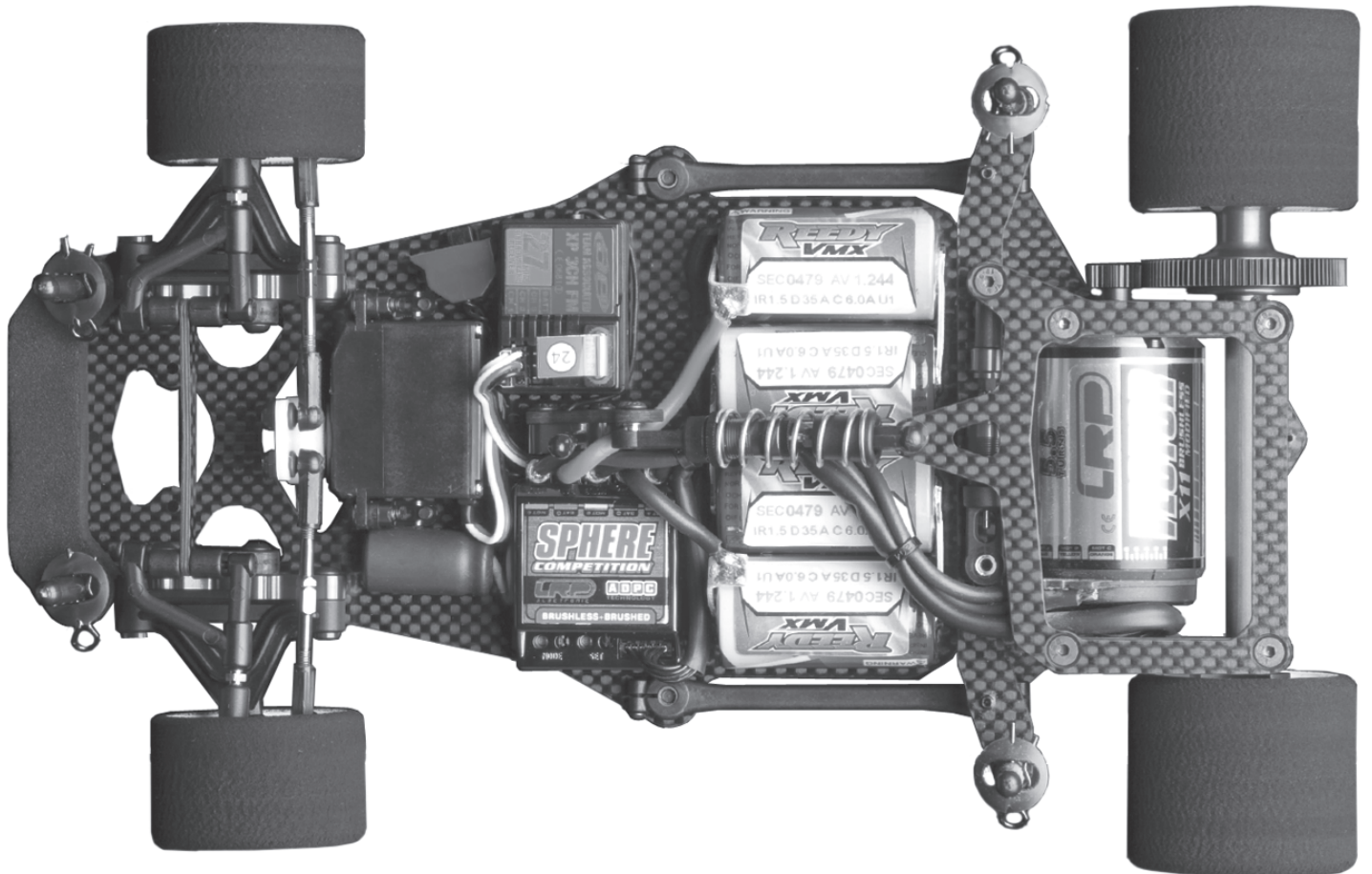
	2.5x6mm (4675)
	3x5mm (31540)
	3x8mm (25201)
	3x10mm (25202)
	2-56X3/8 (31125)

shims & washers

	washer (9630)
	kingpin shim (8425)
	blue aluminum shims 1 mm, 2mm (31286)
	washer (7337)
	bulkhead shim (4617) 0.5mm, 1 mm, 2mm
	t-plate spacers (4650)
	rear axle shim 1/4" (4554)

ball bearings

	rear axle bearing (897) .250x.375x.125
	front wheel bearing (3655) .125x.313



:: Driver: _____ **:: Date:** _____
:: Track: _____
:: Event: _____

Setup Sheet for Team Associated's 12R5

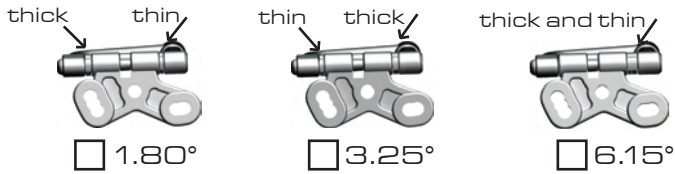
Rev. 1

:: Front Suspension

Kingpin Lube: _____
 Springs: _____
 Upper Arm Mounts: 0° 5° 10°

Camber: _____

Caster:




Ride Height: _____

Notes: _____

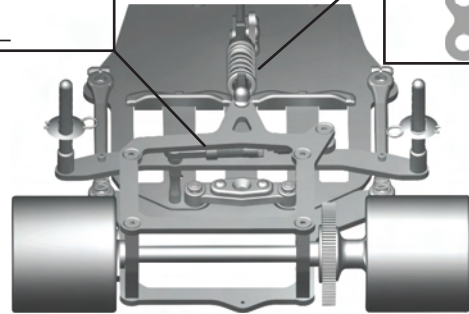
:: Rear Suspension

Side Spring: _____
 T-Plate: _____
 Ride Height Adjuster: _____
 Ride Height: _____

Center Shock
 Oil: _____
 Spring: _____
 Position: 

Side Shock

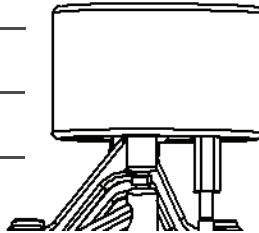
Oil: _____



Notes: _____

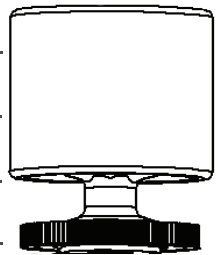
:: Front Tires

Tire: _____
 Diameter: _____
 Wheel Type: _____
 Additive: _____
 Notes: _____



:: Rear Tires

Tire: _____
 Diameter: _____
 Wheel Type: _____
 Additive: _____
 Notes: _____



:: Body

Body Type and Make: _____

Notes: _____

:: Track Info

smooth: bumpy:
 traction: high med. low
 Notes: _____

:: Motor/Battery

Motor: _____
 Brush: _____ Spring: _____
 Timing: _____ Gear: _____ / _____
 Battery: _____
 Battery Position:
 Front Back

:: Transmitter

Turning Circle: _____
 Steering Expo: _____
 Brake E.P. : _____
 Throttle Expo: _____
 Notes: _____

:: Speed Control

S.C. : _____
 S.C. Settings: _____

:: **Factory Team**

FACTORY Team **PERFORMANCE GEAR FOR THE 12R5**
(Available separately from your local hobby store. Not included in this kit.)

FACTORY TEAM ACCESSORIES

- 1105 GREEN SLIME SHOCK OIL
- 1595 LEAD WEIGHTS
- 1596 THREAD LOCKING ADHESIVE
- 1597 FT TIRE ADHESIVE
- 1736 BODY CLIPS - BLUE
- 1737 BODY SCISSORS
- 6588 BLACK GREASE
- 6591 DIFF LUBE
- 6636 SILICONE LUBE
- 6727 SERVO TAPE STRIPS



- SP58 AE 07 T-SHIRT BLACK (M,L,XL,XXL)
- SP59 AE 07 T-SHIRT BLUE (M,L,XL,XXL)



REEDY

REEDY PERFORMANCE

- 300 REEDY STOCKSTAR 27T STOCK
- 410 REEDY FLASH 12T
- 411 REEDY FLASH 13T
- 412 REEDY FLASH 14T
- 413 REEDY FLASH 15T
- 414 REEDY FLASH 17T
- 415 REEDY FLASH 19T
- 517 REEDY CHALLENGER 19T SPEC
- 605 REEDY MOTOR COOLING FAN
- 651 REEDY BATTERY BARS
- 672 REEDY VMX R-42 IB4200 MATCHED BATTERIES
- 676 REEDY VMX R-46 IB4600 MATCHED BATTERIES



FACTORY TEAM TOOLS

- FACTORY TEAM NUT DRIVERS**
- # 1561 FULL SET OF 6
 - # 1562 3/16" BLACK
 - # 1563 1/4" RED
 - # 1564 5.5MM PURPLE
 - # 1565 11/32" GREEN
 - # 1566 7MM SILVER
 - # 1567 8MM GOLD

- FACTORY TEAM HEX DRIVERS**
- # 1541 FULL SET OF 7
 - # 1542 .050" SILVER
 - # 1543 1/16" BLACK
 - # 1545 5/64" BLUE
 - # 1546 3/32" GOLD
 - # 1544 1.5MM PURPLE
 - # 1547 2.5MM GREEN
 - # 1548 3MM RED

- FACTORY TEAM BALL HEX DRIVERS**
- # 1592 BALL HEX DRIVER SET (3)
 - # 1589 5/64" BALL HEX BLUE
 - # 1590 3/32" BALL HEX GOLD
 - # 1591 2.5MM BALL HEX GREEN

- FACTORY TEAM SCREWDRIVERS**
- # 1551 FT SCREWDRIVERS (2)
 - # 1554 FT SPRING HOOK



SILICONE SHOCK FLUIDS

- #5420 10wt. SHOCK FLUID, 2oz
- #5421 20wt. SHOCK FLUID, 2oz
- #5422 30wt. SHOCK FLUID, 2oz
- #5423 40wt. SHOCK FLUID, 2oz
- #5427 15wt. SHOCK FLUID, 2oz
- #5428 25wt. SHOCK FLUID, 2oz
- #5429 35wt. SHOCK FLUID, 2oz
- #5430 45wt. SHOCK FLUID, 2oz
- #5431 55wt. SHOCK FLUID, 2oz
- #5435 50wt. SHOCK FLUID, 2oz
- #5436 60wt. SHOCK FLUID, 2oz

