

# XRAY B08E

## INSTRUCTION MANUAL SUPPLEMENTARY SHEET

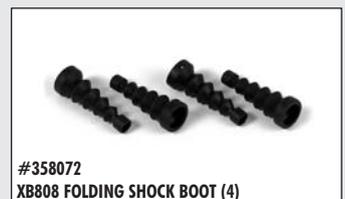
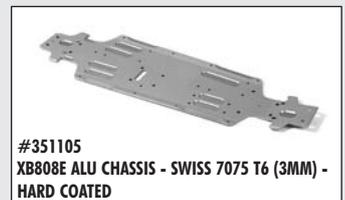
Use this XB808E Supplementary Instruction Sheet along with the standard XB808 instruction manual included in the kit. This Supplementary Sheet highlights and explains new updated steps and you should refer to them while building your XB808E kit. Each step in this Supplementary Sheet indicates the section to which the updated step refers.

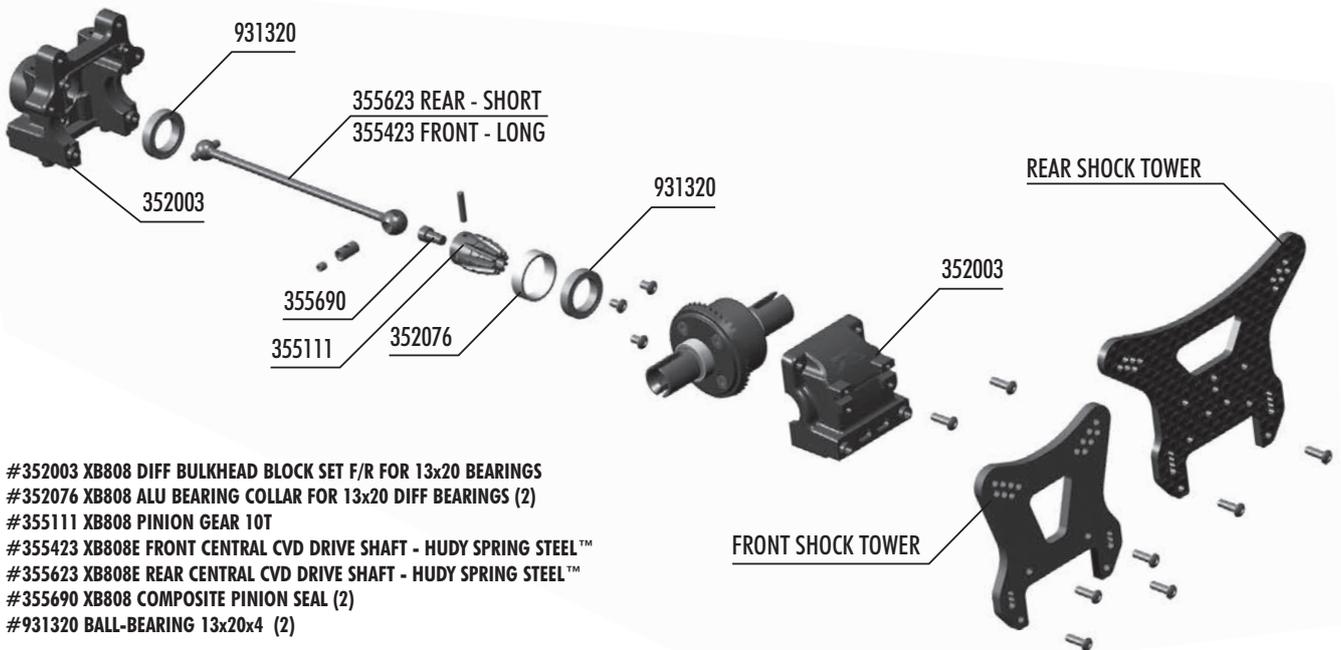
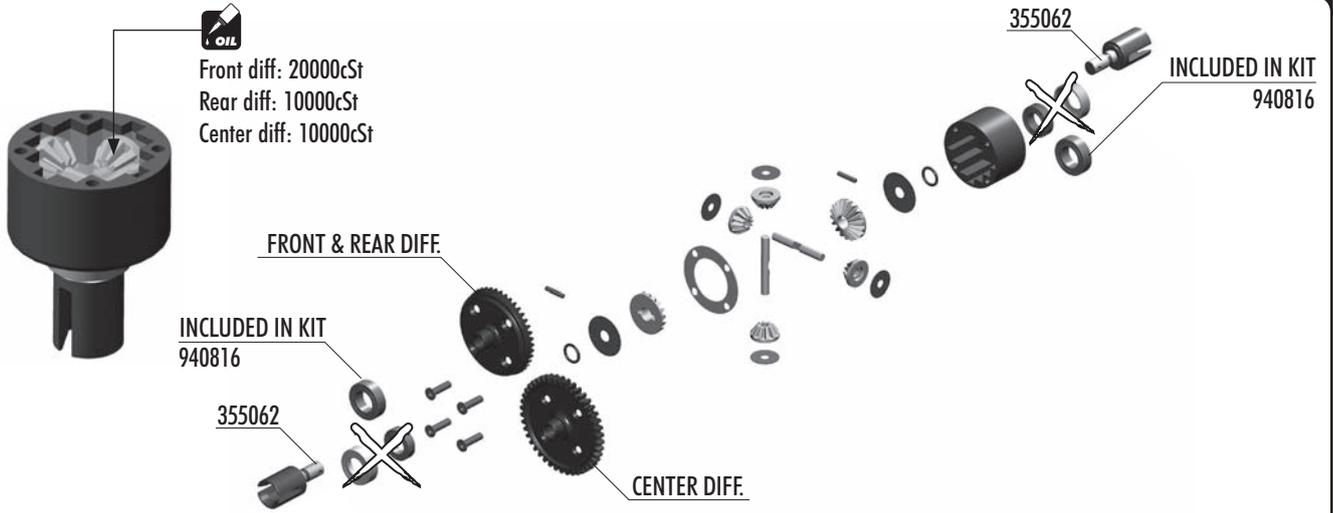
### New and Improved Parts

All of these parts are new or updated from the previous versions. Each of these parts feature their corresponding part number which can be used to re-order the parts. You can also refer to the complete exploded views.

Please note that this kit does not include an air filter oil and a turnbuckle tool. We recommend that you purchase the #181030 - 3mm, #181040 - 4mm and #181050 - 5mm HUDY Turnbuckle Tool.

XRAY is not responsible for any typo errors.





- #352003 XB808 DIFF BULKHEAD BLOCK SET F/R FOR 13x20 BEARINGS
- #352076 XB808 ALU BEARING COLLAR FOR 13x20 DIFF BEARINGS (2)
- #355111 XB808 PINION GEAR 10T
- #355423 XB808E FRONT CENTRAL CVD DRIVE SHAFT - HUDY SPRING STEEL™
- #355623 XB808E REAR CENTRAL CVD DRIVE SHAFT - HUDY SPRING STEEL™
- #355690 XB808 COMPOSITE PINION SEAL (2)
- #931320 BALL-BEARING 13x20x4 (2)

**1step**

**TIP** Use HUDY Ball-Bearing Grease for servicing:  
 #106220 - Standard  
 #106221 - Extra  
 #106222 - Premium



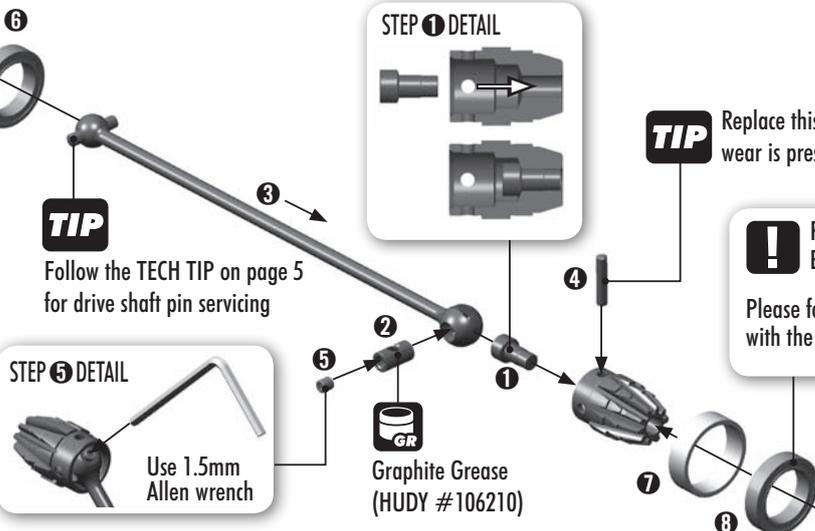
**TIP** Follow the TECH TIP on page 5 for drive shaft pin servicing

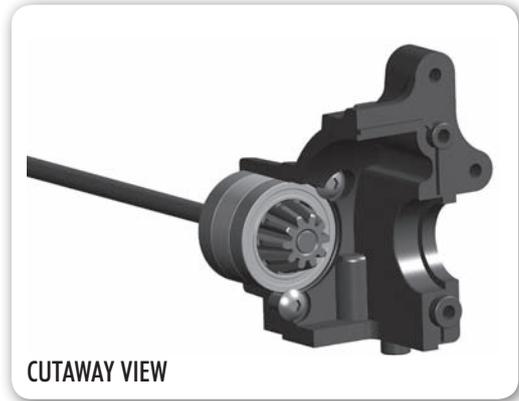
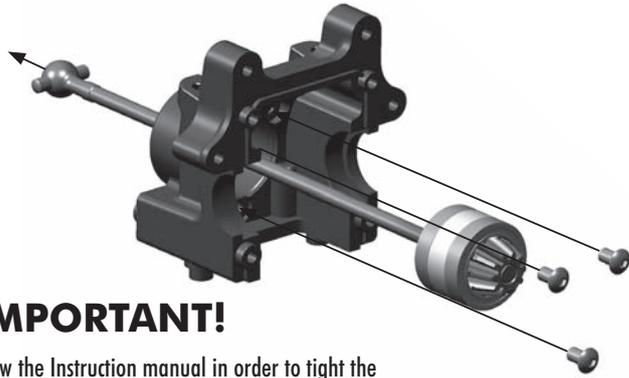


**TIP** Replace this pin when wear is present

**!** REGULARLY GREASE BEARINGS  
 Please follow tech tip included with the bearings.

**GR**  
Graphite Grease (HUDY #106210)





CUTAWAY VIEW

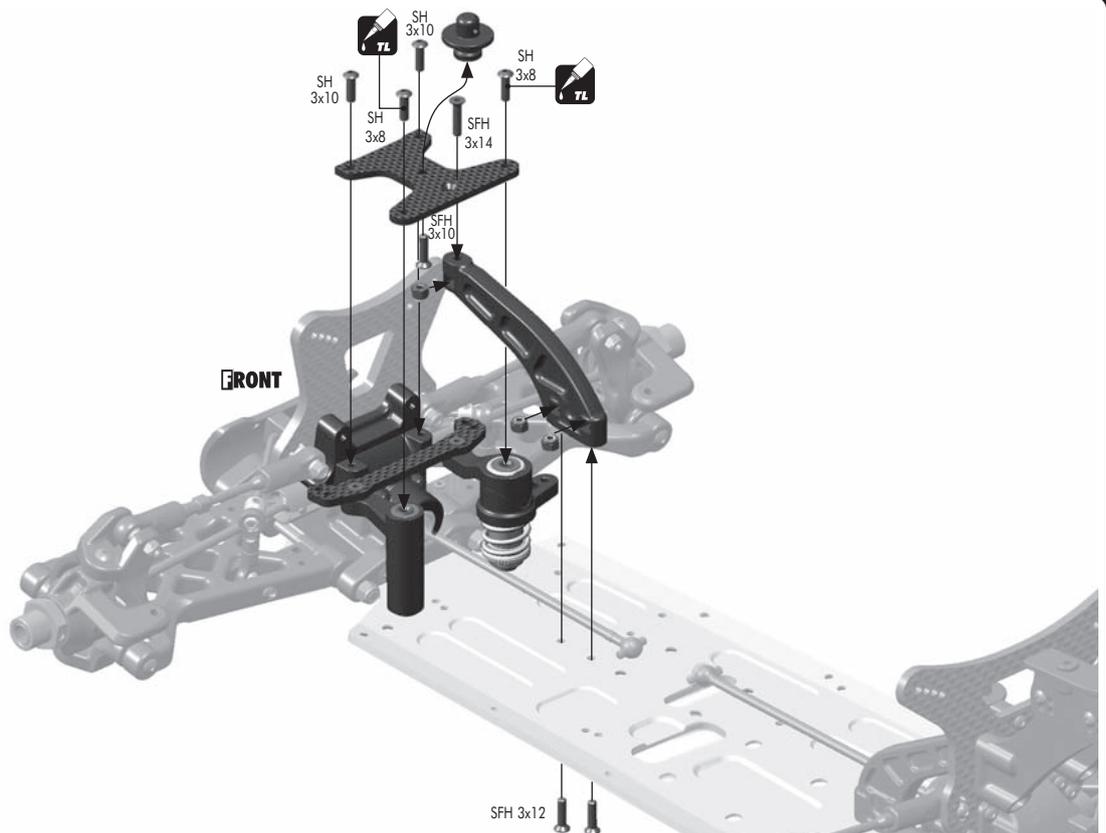
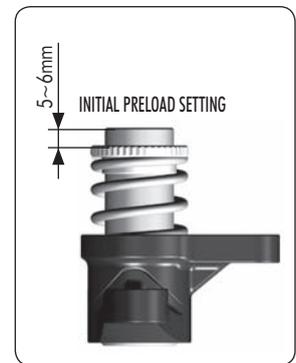
**! IMPORTANT!**

Please follow the Instruction manual in order to tight the screws correctly.

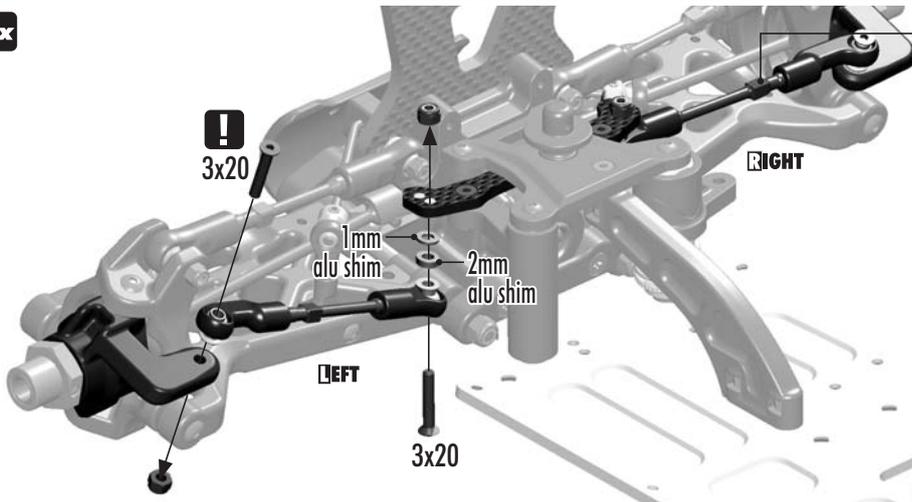
**1 step**



971120  
O 12x1.6



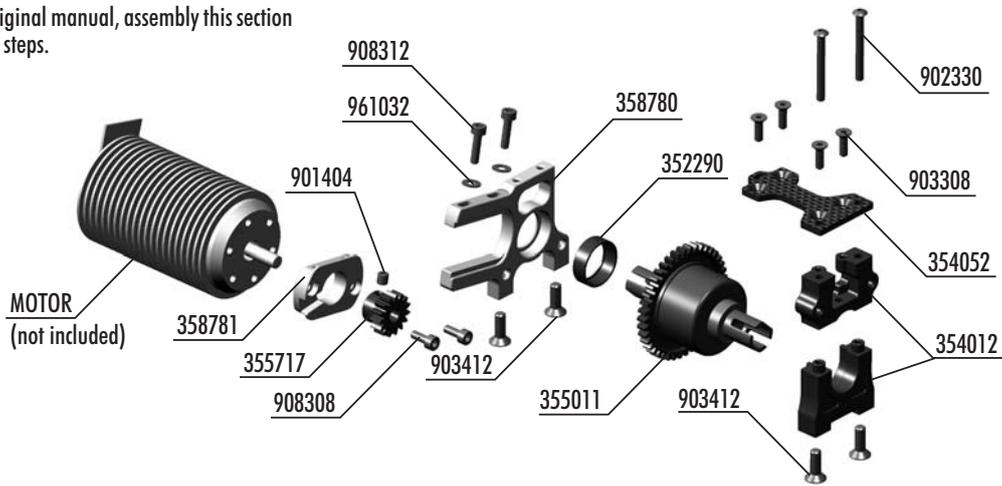
**2x**



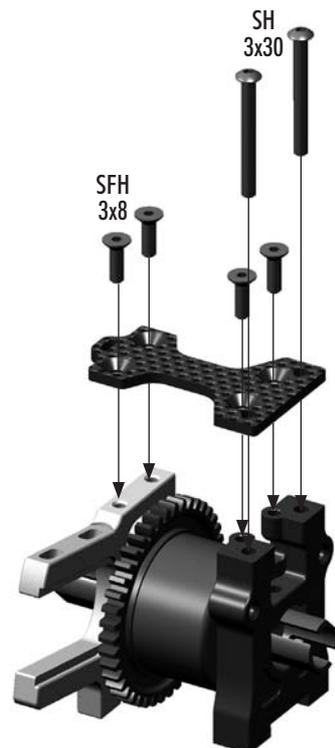
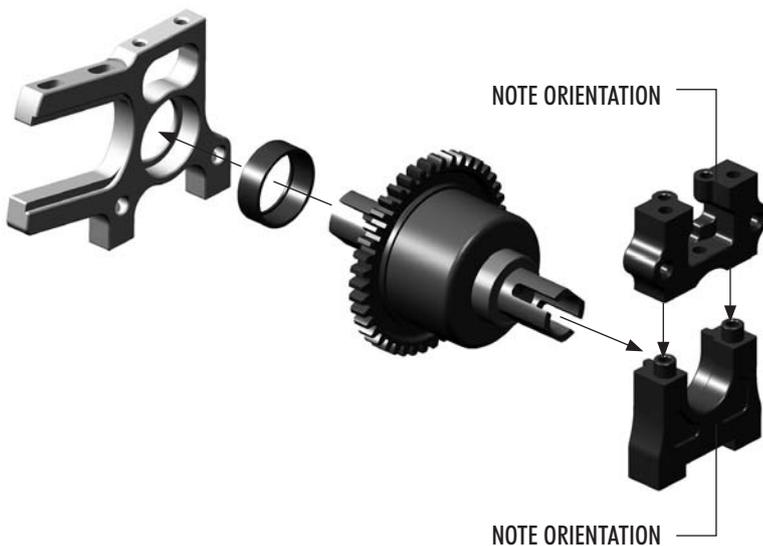
**!** NOTE ORIENTATION  
Adjustment block towards outside

**8. CENTER DIFFERENTIAL**

Do not follow the original manual, assemble this section following just these steps.

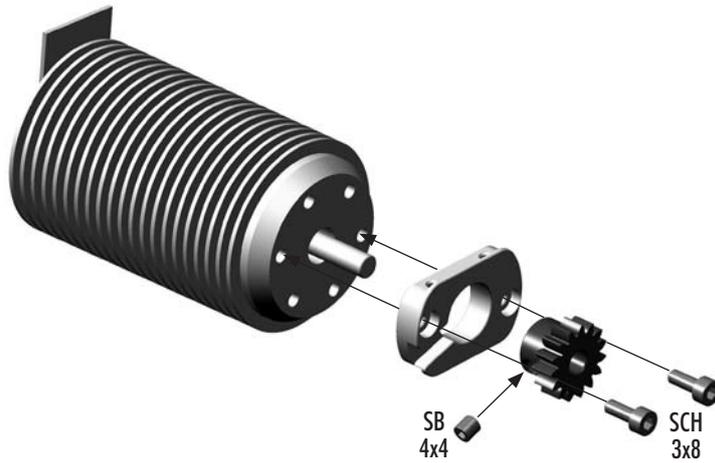


**8. CENTER DIFFERENTIAL**



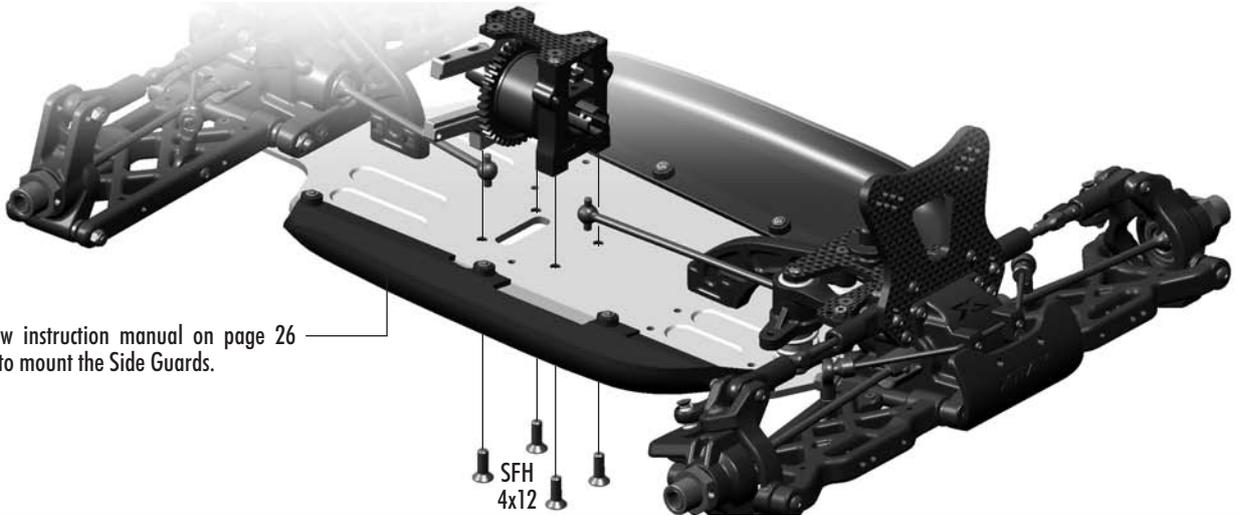
## 8. CENTER DIFFERENTIAL

NEW STEP



## 8. CENTER DIFFERENTIAL

NEW STEP

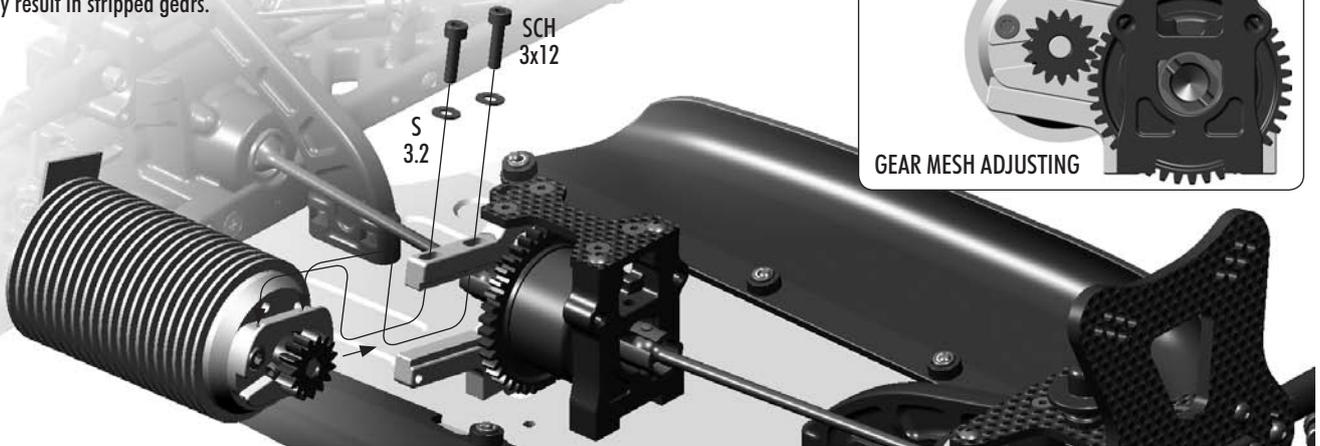


## 8. CENTER DIFFERENTIAL

NEW STEP

Adjust gear mesh so there is minimal play between the gears.

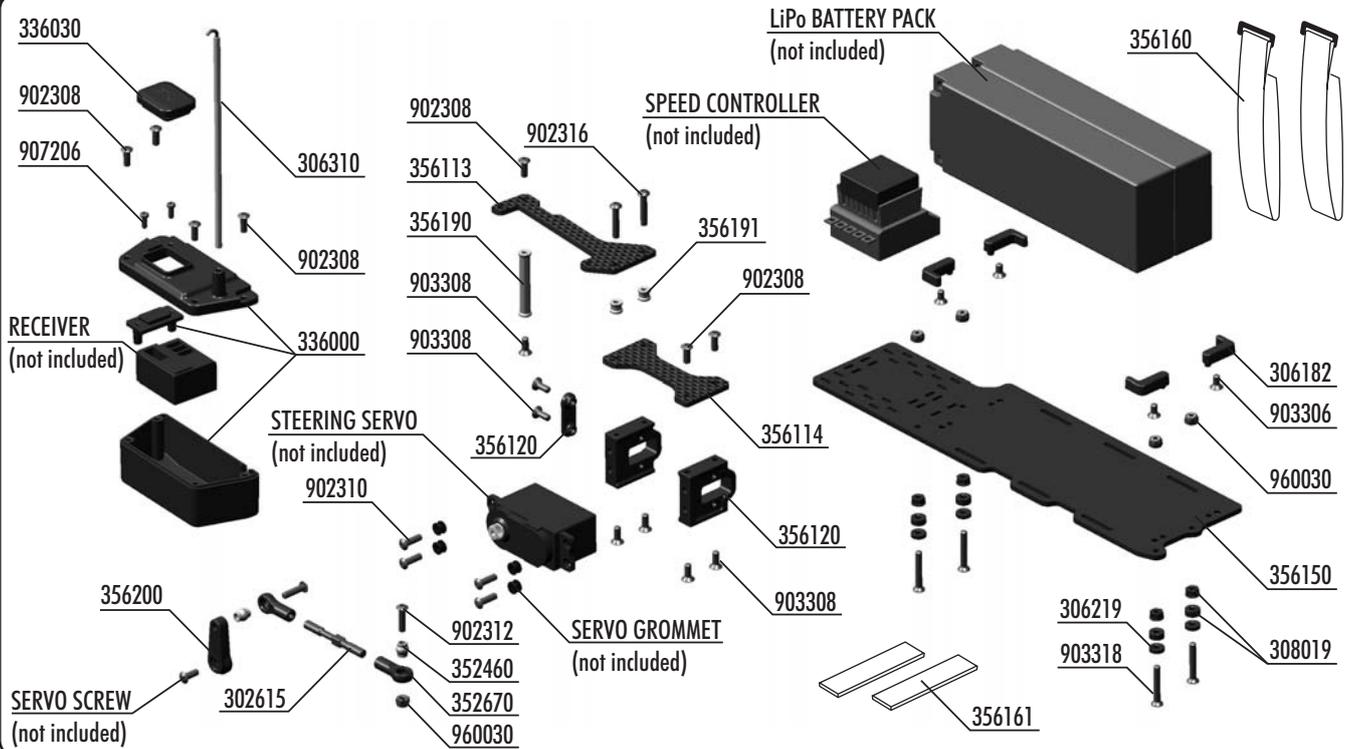
Too tight gear mesh will put excessive strain on all parts and damage the parts. Too loose gear mesh may result in stripped gears.



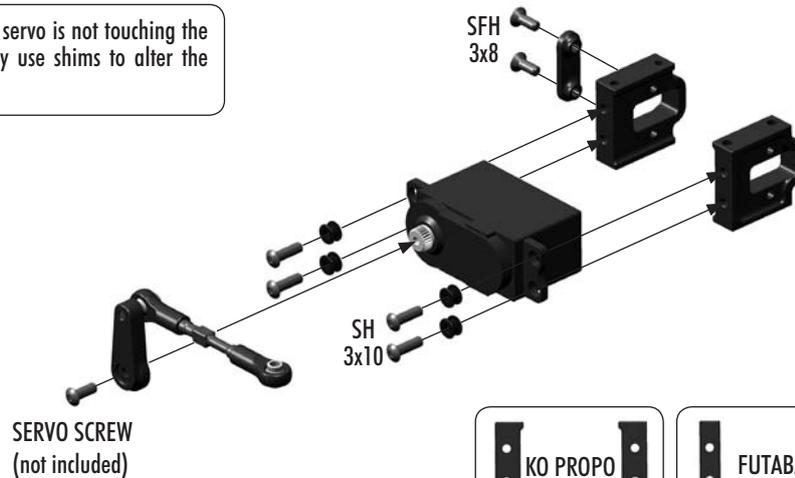
## 9. FUEL TANK & ENGINE

PAGE 26-27

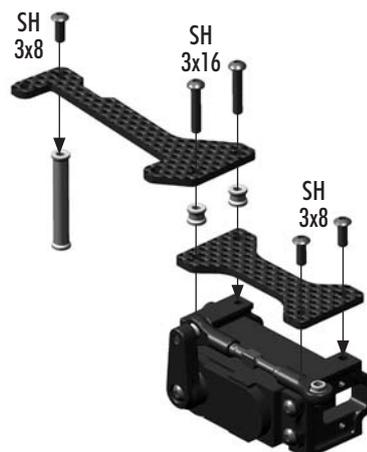
Do not follow the original manual, this section refers to nitro engine installation.

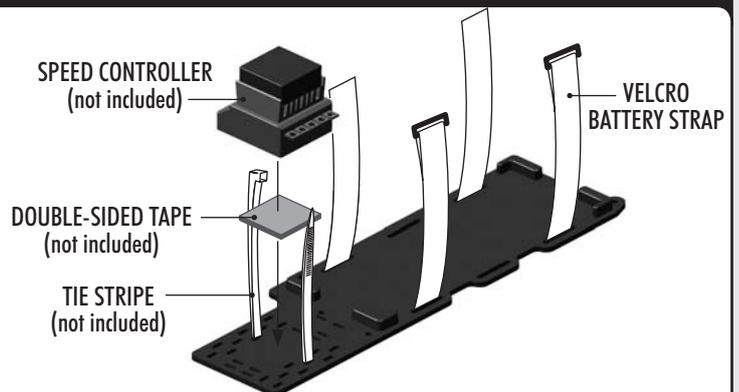
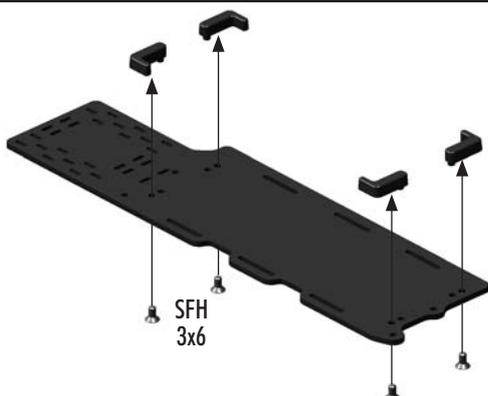
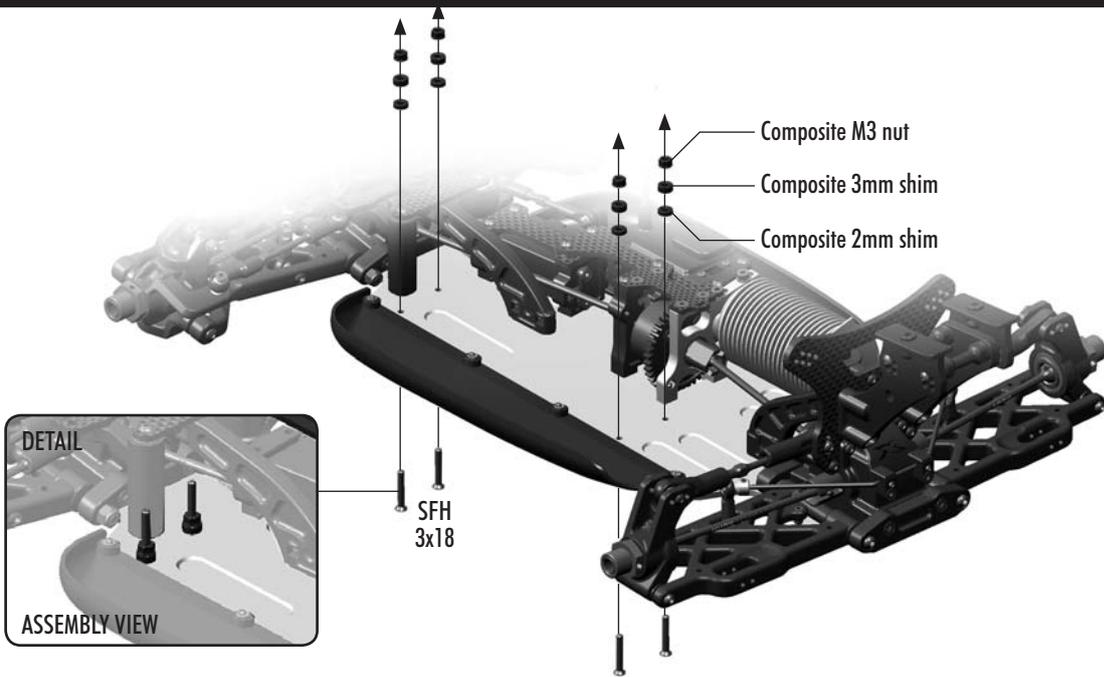
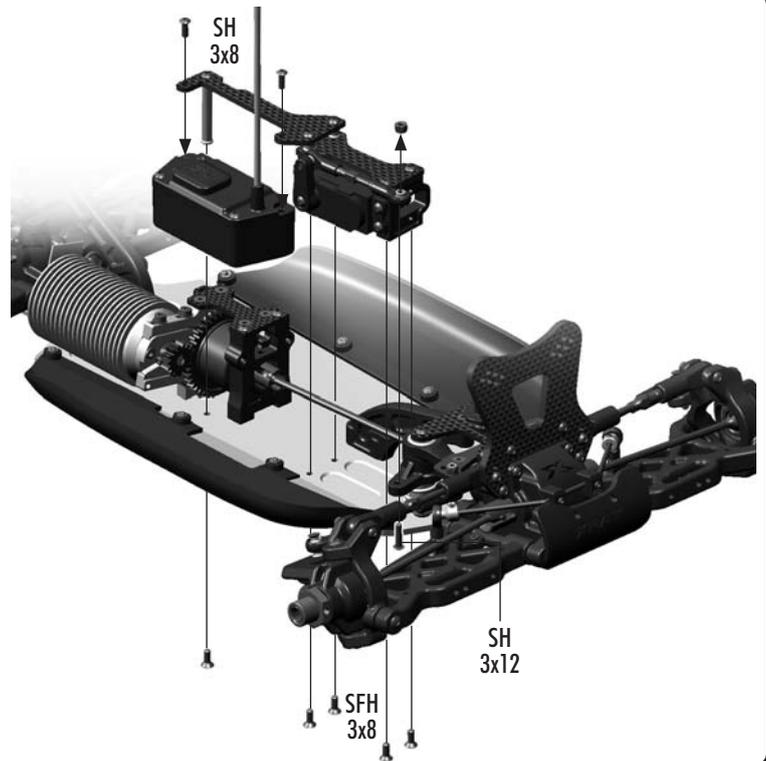
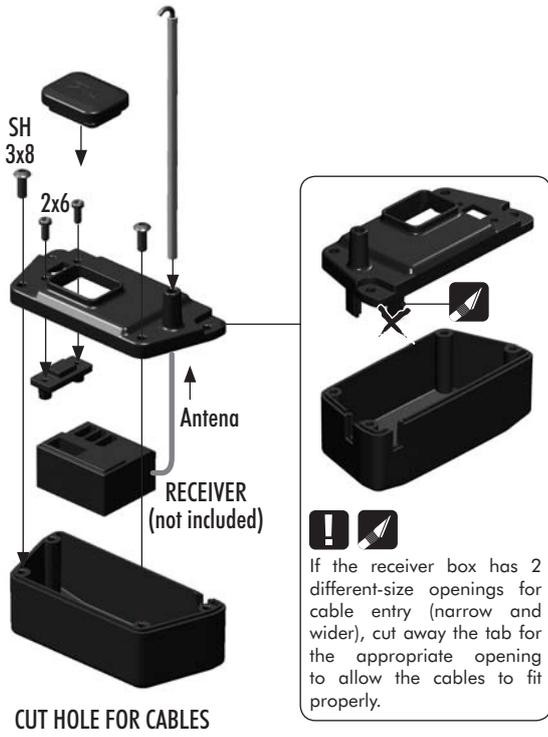


**!** Ensure the throttle servo is not touching the chassis. If necessary use shims to alter the height of the servo.



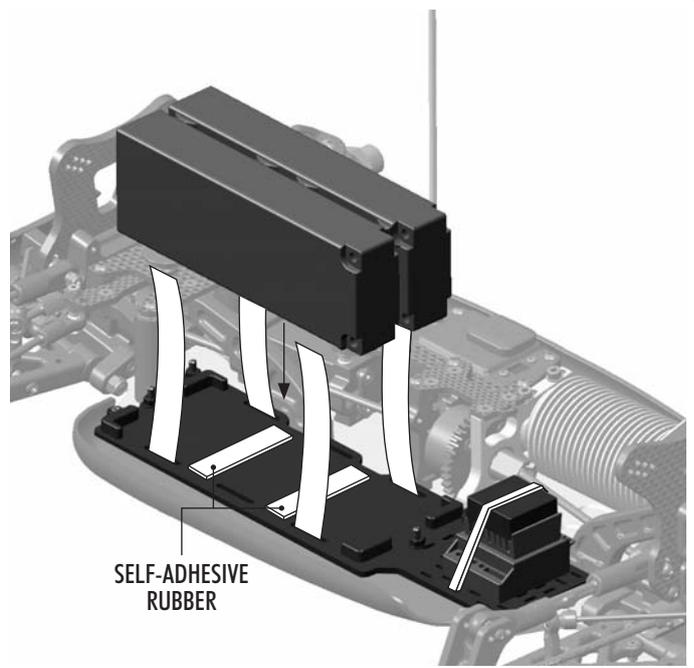
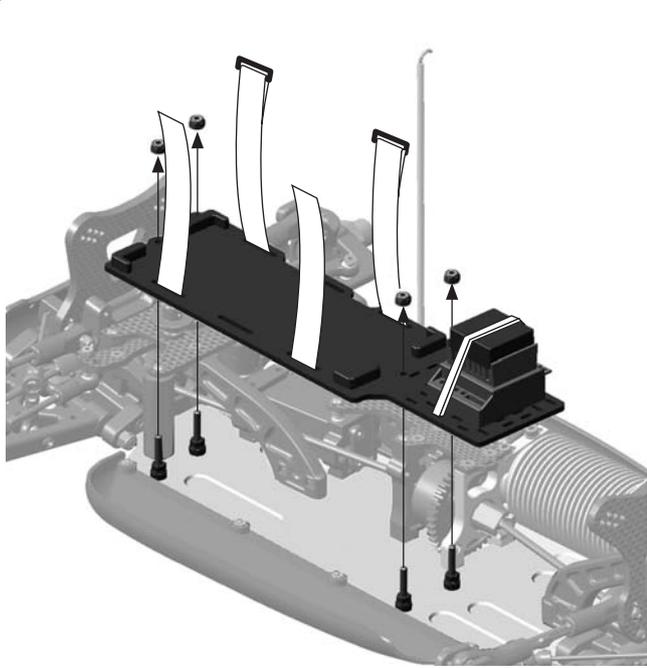
Use appropriate servo stands





# 10. RADIO CASE

NEW STEP



SELF-ADHESIVE RUBBER

# 11. SHOCK ABSORBERS

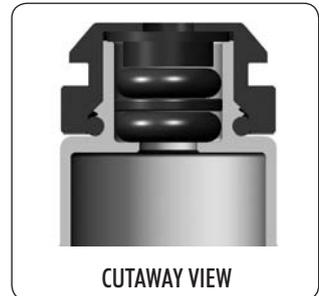
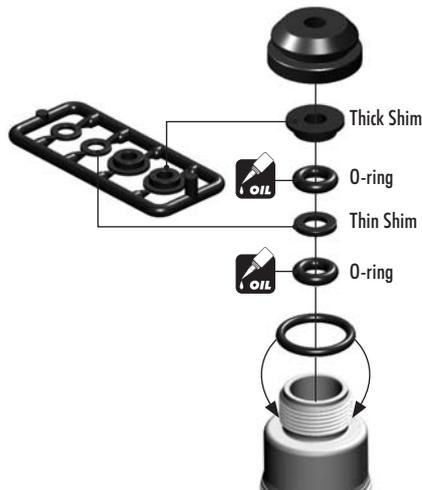
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STEP 1

2x FRONT SHOCKS (SHORT)

2x REAR SHOCKS (LONG)

There are two different thickness shims, use them as shown. Use the same procedure when building both front and rear shocks.



CUTAWAY VIEW

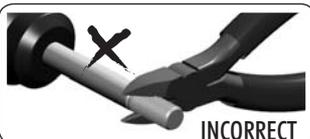
# 11. SHOCK ABSORBERS

PAGE 31

STEP 2,3



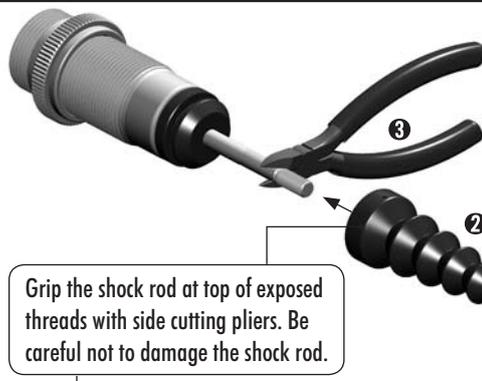
INCORRECT



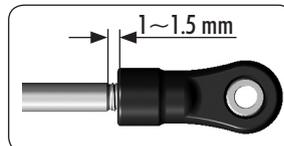
INCORRECT



CORRECT



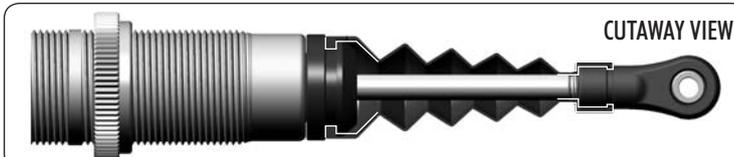
Grip the shock rod at top of exposed threads with side cutting pliers. Be careful not to damage the shock rod.



2x FRONT SHOCKS

2x REAR SHOCKS

2x FRONT (SHORT) Oil 600cSt  
2x REAR (LONG) Oil 500cSt



CUTAWAY VIEW

TIP

Follow the TECH TIP on page 5 to install the pivot balls