

July '06

# GT2 FACTORY Team

## Instruction Manual for the RC10GT2



**This manual covers the following vehicles:**

**7080: Factory Team GT2 Kit**  
**7092: GT2 RTR Nitro Truck**



[www.RC10.com](http://www.RC10.com) • [www.TeamAssociated.com](http://www.TeamAssociated.com)

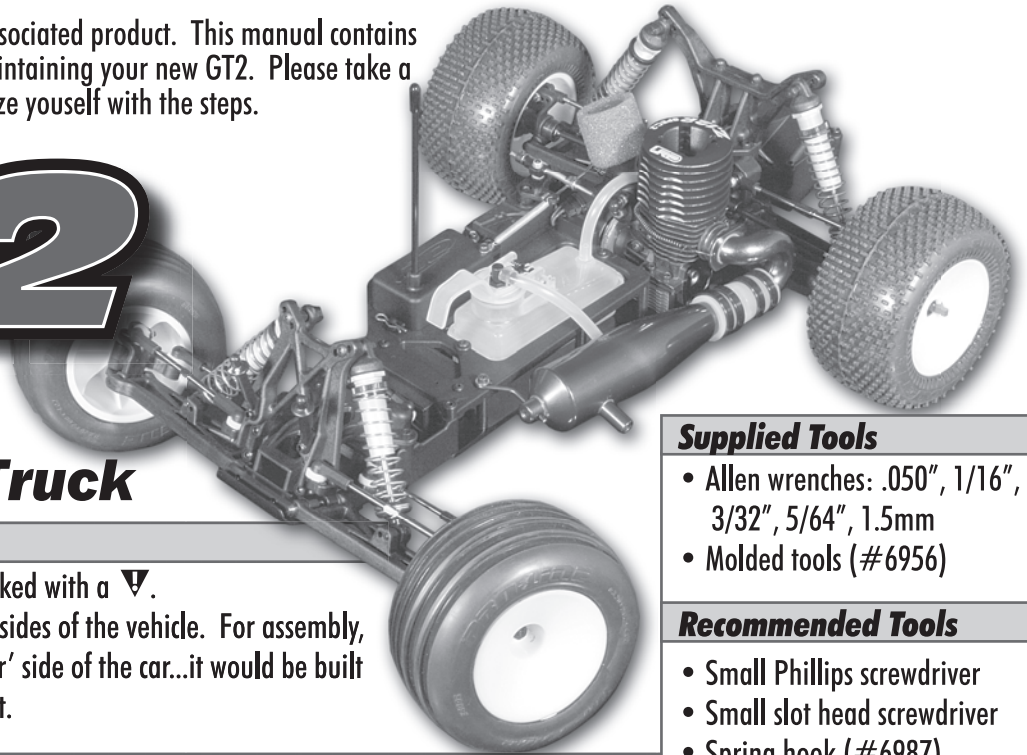


*Thank you* for purchasing this Team Associated product. This manual contains instructions and tips for building and maintaining your new GT2. Please take a moment to read through it and familiarize yourself with the steps.

# GT2

## 1:10

### Nitro Racing Truck



#### The Manual

- Special notes for each step will be marked with a ▼.
- Certain steps will notate left and right sides of the vehicle. For assembly, the left side of the vehicle is the 'driver' side of the car...it would be built as if you are sitting in the driver's seat.

#### The RTR

Your new RTR GT2 comes factory assembled, including radio gear. In this manual, any step that is RTR specific will be denoted with this symbol: **RTR**. You will need the following items to complete your RTR:

- Model car fuel
- 12 AA size batteries
- 1 D-size battery (for glow igniter)

#### The Kit

Your new GT2 kit requires assembly using this manual and recommended tools (some of which are included in the kit). In this manual, any step that is Factory Team specific will be denoted with this symbol: **FACTORY TEAM**. To complete this kit, you will need the following items:

- Glow plug igniter
- Glow plugs (AE #MC-59)
- Model car fuel & fuel bottle
- Receiver battery pack
- 12 AA size batteries
- Starter box (non-pullstart)
- R/C two channel surface frequency radio system
- .12/.15 c.i. rear exhaust/SG crank R/C engine w/rotary carb (strongly suggest)

#### Supplied Tools

- Allen wrenches: .050", 1/16", 3/32", 5/64", 1.5mm
- Molded tools (#6956)

#### Recommended Tools

- Small Phillips screwdriver
- Small slot head screwdriver
- Spring hook (#6987)
- 5/16" driver or glow plug wrench
- Locking adhesive (#1596)
- Filter Treatment (#7710)
- Super glue (CA)
- Ruler

#### Vehicle Options

##### 7080: Factory Team GT2 Kit

- Hard anodized, PTFE-coated threaded shock bodies
- Full set of 20 bearings
- Black hard anodized aluminum chassis
- Blue aluminum shock bushings, front bulkhead, hinge pin brace, chassis brace, servo mounts and tuned pipe
- Blue titanium turnbuckles
- Dual disk slipper clutch
- Posi-lock rear wheel/axle setup
- Lightweight differential outdrives
- Pro-Line M2 Edge front tires/M3 Bowtie rear tires

##### 7092: Ready-To-Run GT2

- Blue anodized aluminum shocks
- 14 ball bearings
- Blue anodized aluminum chassis
- Associated steel turnbuckles
- Dual disk slipper clutch
- AE .15 pull-start engine
- Custom printed body
- XP2 radio system
- Racing compound tires

#### Chassis Specs

##### 7080: FT GT2 Kit

Length:	420mm
Width:	330mm
Wheelbase:	285mm
Internal Ratio:	4.09:1
Weight:	1850g (w/body)

# GT2

#### Contacting Us

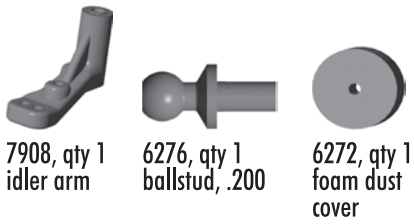
Associated Electrics, Inc.  
3585 Cadillac Ave.  
Costa Mesa, CA 92626 USA



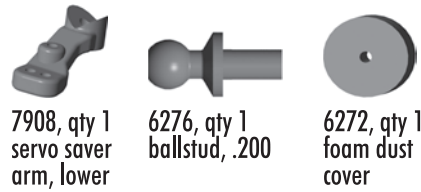
<http://www.rc10.com> • <http://www.TeamAssociated.com>

Tel: 714.850.9342  
Fax: 714.850.1744  
Hours: 8am - 4pm, PST

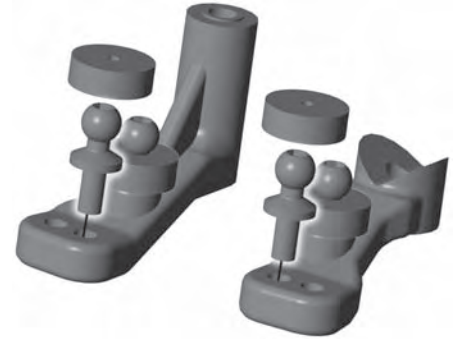
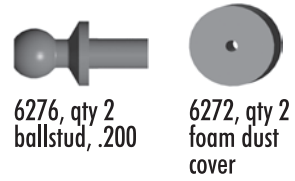
Step 1



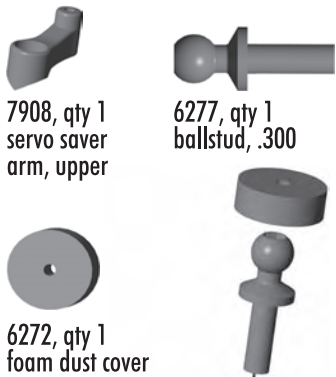
Step 2



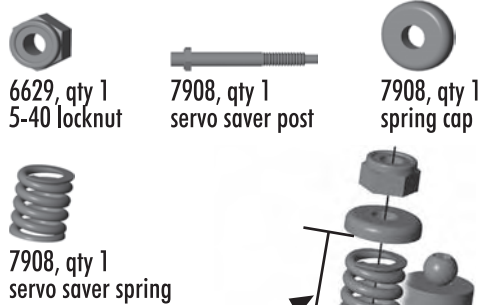
Step 3



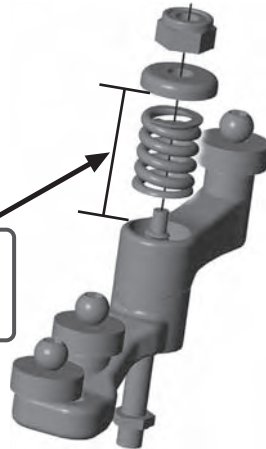
Step 4



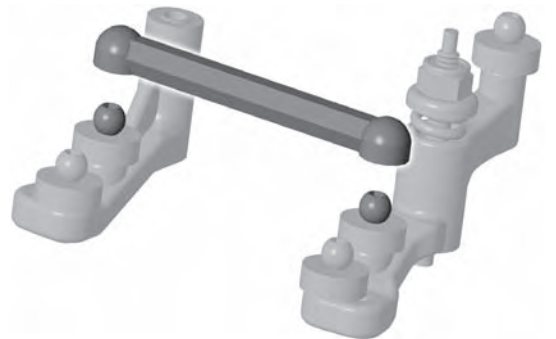
Step 5



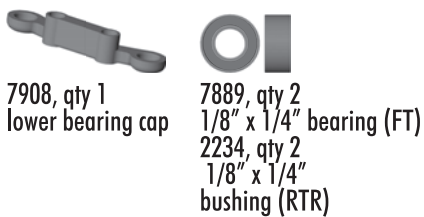
⚠️ tighten to 2.5mm (.1")



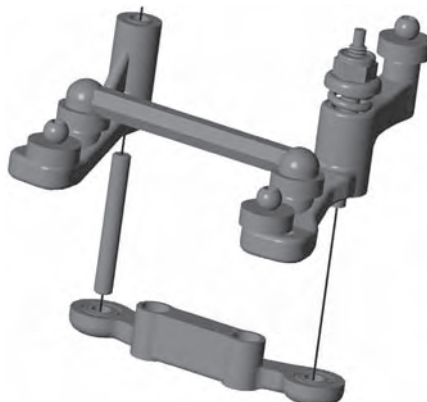
Step 6



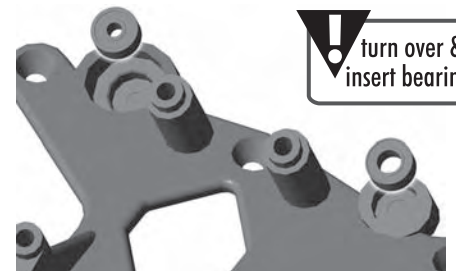
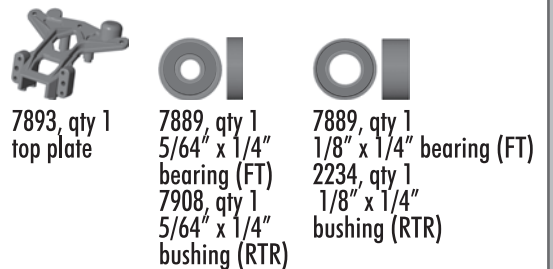
Step 7



Step 8



Step 9

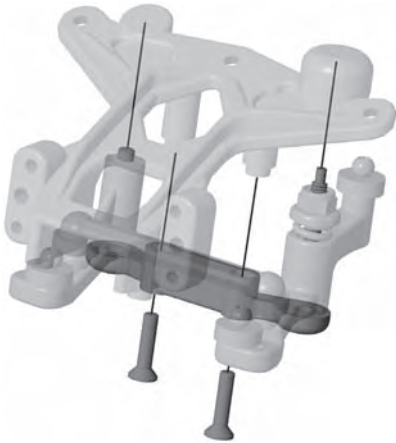


⚠️ turn over & insert bearings

**Step 10**



6922, qty 2  
4-40 x 1/2" fhcs



**Step 11**



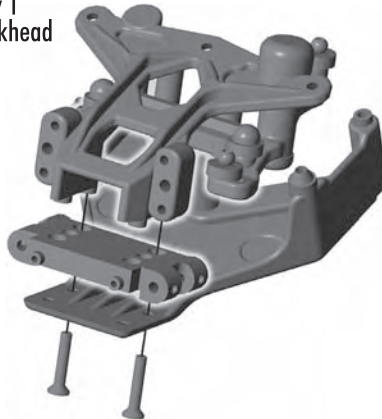
7990, qty 1  
aluminum front  
bulkhead (FT)  
9563, qty 1  
front bulkhead  
(RTR)



6915, qty 2  
4-40 x 5/8" fhcs



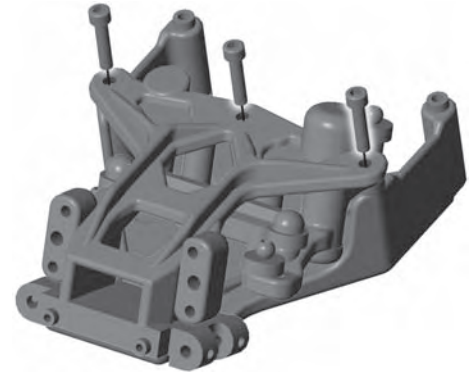
7892, qty 1  
gt2 front sub  
chassis kickup



**Step 12**



6925, qty 3  
4-40 x 1/2" shcs



**Step 13**



7914, qty 1  
front shock tower



6272, qty 2  
foam dust cover



6277, qty 2  
ballstud, .300



9630, qty 4  
ballstud washer



**Step 14**



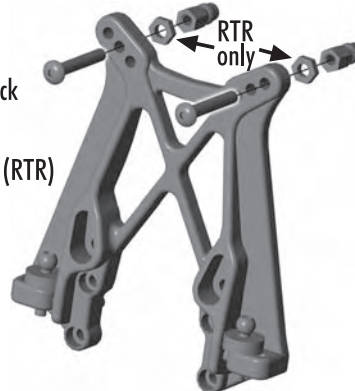
7413, qty 2  
4-40 x 3/4" bhcs



7260, qty 2  
plain nut (RTR)



1780, qty 2  
aluminum shock  
bushing (FT)  
6473, qty 2  
shock bushing (RTR)



**Step 15**



6924, qty 2  
4-40 x 3/8" shcs



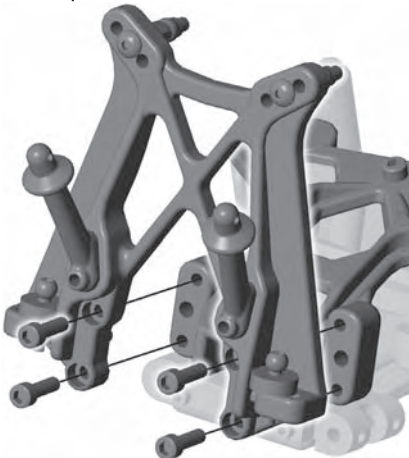
7439, qty 2  
front body mount



**Step 16**



6924, qty 4  
4-40 x 3/8" shcs



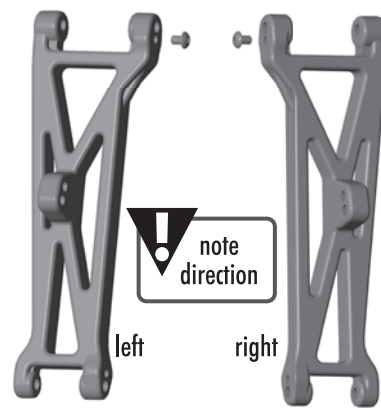
**Step 17**



7917, qty 2  
front arm, 1 left  
& 1 right



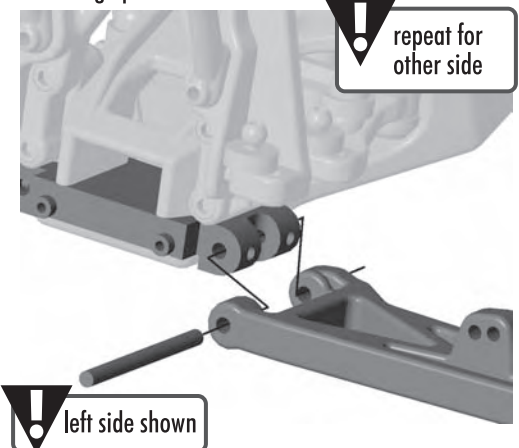
9645, qty 2  
2-56 x 1/8" bhcs



**Step 18**



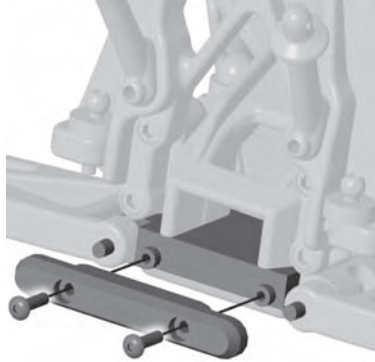
9621, qty 2  
inner hinge pin





**Step 19**

- 9665, qty 1 aluminum hinge pin brace (FT)
- 9564, qty 1 hinge pin brace (RTR)
- 4334, qty 2 2-56 x 5/16" bhcs

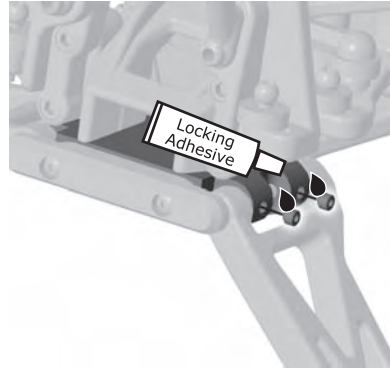


**Step 20**



- 7382, qty 4 4-40 setscrew

repeat for other side



**Step 21**

- 7260, qty 2 plain nut
- 7921, qty 2 steering block 1 left & 1 right

repeat for right side

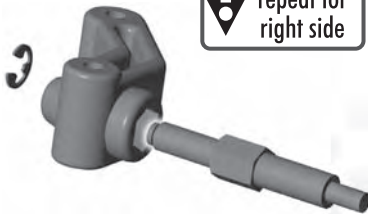


left side shown

**Step 22**

- 6299, qty 2 e-dip
- 7456, qty 2 trailing axle

repeat for right side



left side shown

**Step 23**

- 6272, qty 2 foam dust cover

repeat for right side

- 6277, qty 2 ballstud, .300

- 4187, qty 4 .030 washer

left side shown



**Step 24**

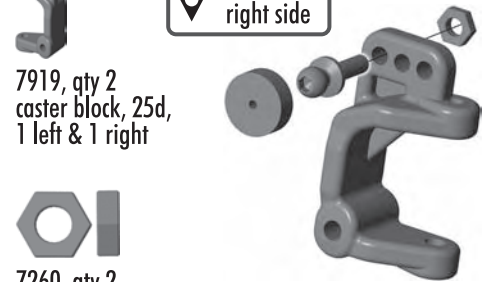
- 6272, qty 2 foam dust cover
- 3983, qty 2 ballstud, .300, black

repeat for right side

- 7919, qty 2 caster block, 25d, 1 left & 1 right

- 7260, qty 2 plain nut

left side shown

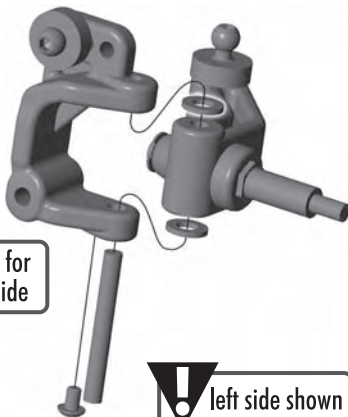


**Step 25**

- 9645, qty 2 2-56 x 1/8" bhcs
- 7927, qty 2 kingpin

- 4187, qty 4 .030 washer

repeat for right side

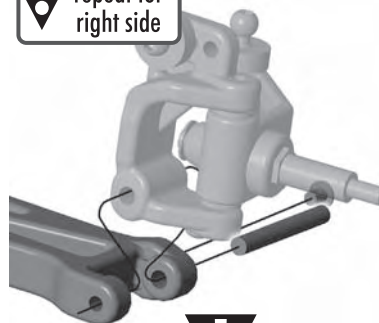


left side shown

**Step 26**

- 9645, qty 2 2-56 x 1/8" bhcs
- 7927, qty 2 outer hinge pin

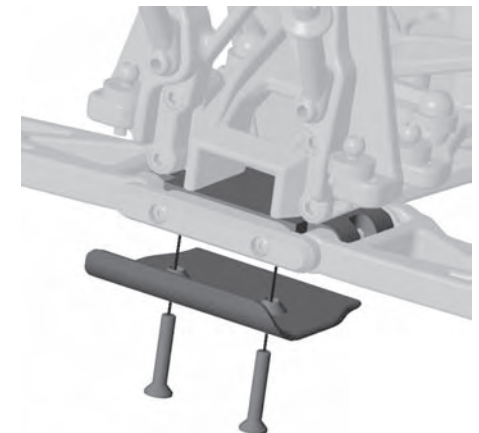
repeat for right side



left side shown

**Step 27**

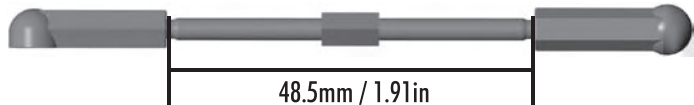
- 9562, qty 1 front bumper
- 6915, qty 2 4-40 x 5/8" fhcs



**Step 28**

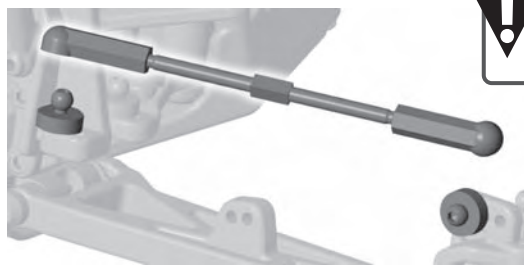
7230, qty 4  
ballcup

1417, qty 2  
2.80" ti turnbuckle (FT)  
7101, qty 2  
2.80" steel turnbuckle (RTR)



48.5mm / 1.91in

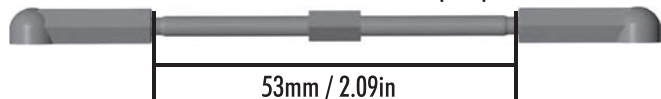
**Front Camber Link**



**Step 29**

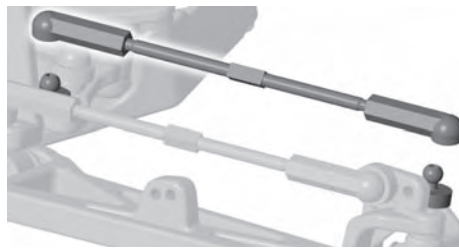
7230, qty 4  
ballcup

1408, qty 2  
2.65" ti turnbuckle (FT)  
7253, qty 2  
2.62" steel turnbuckle (RTR)



53mm / 2.09in

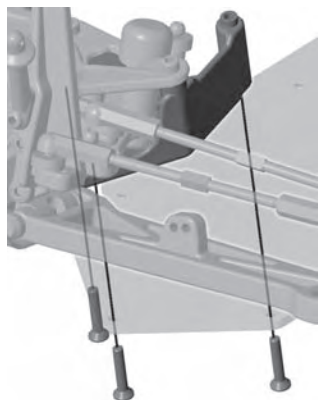
**Steering Link**



**Step 30**

6922, qty 3  
4-40 x 1/2" fhcs

7991, qty 1  
hard anodized chassis (FT)  
7890, qty 1  
blue anodized chassis (RTR)



**Step 1**

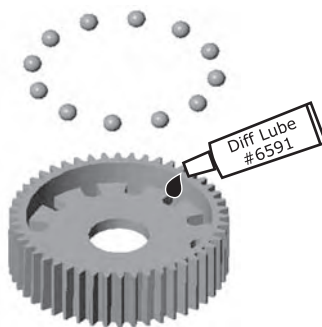


7664, qty 1  
diff gear, 52t



6581, qty 12  
3/32 carbide diff balls

Bag B - Differential



**Step 2**



1766, qty 1  
diff outdrive hub,  
lightened, right (FT)  
7667, qty 1  
diff outdrive hub,  
right (RTR)



7666, qty 2  
diff ring



1766, qty 1  
diff outdrive hub,  
lightened, left (FT)  
7668, qty 1  
diff outdrive hub,  
left (RTR)



**Step 3**

6573, qty 2  
thrust washer

6574, qty 6  
5/64 diff thrust ball

6575, qty 1  
diff thrust bolt



**Step 4**



**Step 5**

6589, qty 2  
5/32" x 5/16"  
ball bearing (FT)  
6597, qty 2  
5/32" x 5/16"  
bushing (RTR)



**Step 6**

6575, qty 1  
locking t-nut

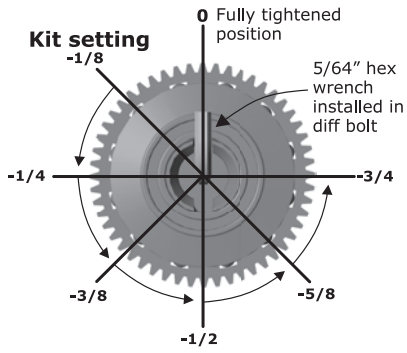
6582, qty 1  
diff thrust spring





**Step 1**

6575, qty 1  
diff bolt cover



**!** When fully compressed, set at 1/8 turn out (see diagram). Re-check after initial run.

**Step 1**



7945, qty 1  
transmission case,  
left & right

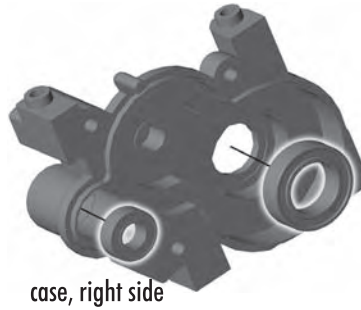


3976, qty 2  
3/8" x 5/8"  
ball bearing

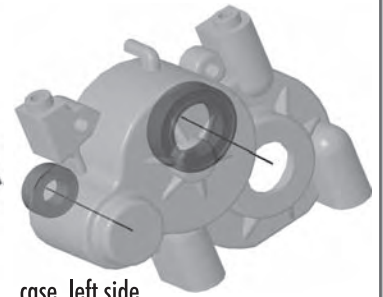


3977, qty 2  
3/16" x 3/8"  
ball bearing

Bag C - Transmission



case, right side



case, left side

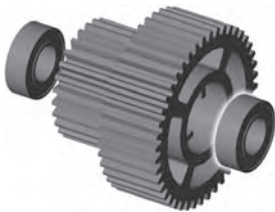
**Step 2**



3977, qty 2  
3/16" x 3/8"  
ball bearing



7963, qty 1  
idler gear cluster,  
44-28



**Step 3**



7960, qty 1  
top shaft



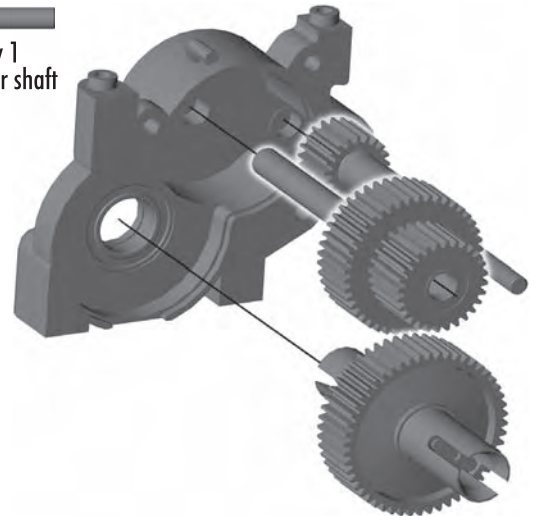
7961, qty 1  
top shaft spacer



**Step 4**



7964, qty 1  
idler gear shaft



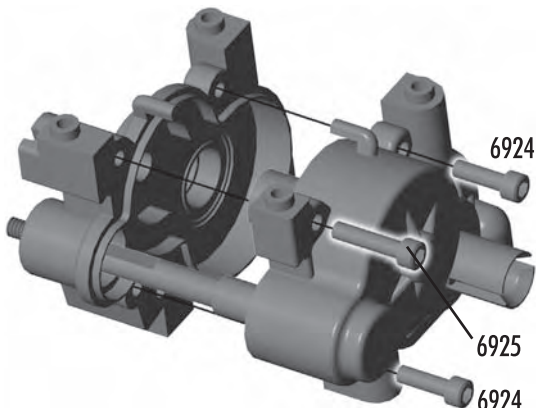
**Step 5**



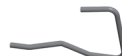
6924, qty 2  
4-40 x 3/8" shcs



6925, qty 1  
4-40 x 1/2" shcs



**Step 6**



7948, qty 1  
brake cam



7949, qty 2  
brake pad



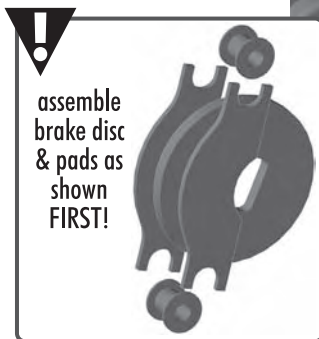
7950, qty 1  
brake disc



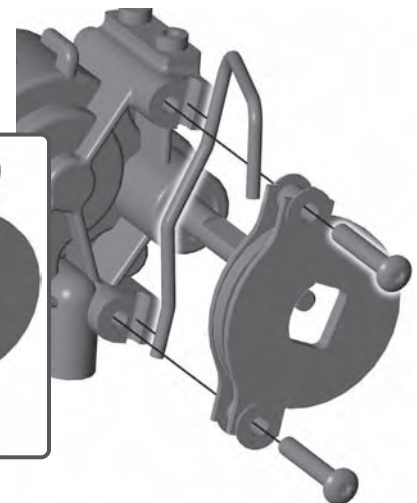
7947, qty 2  
brake top hat bushing



7633, qty 2  
4-40 x 5/8" bhcs



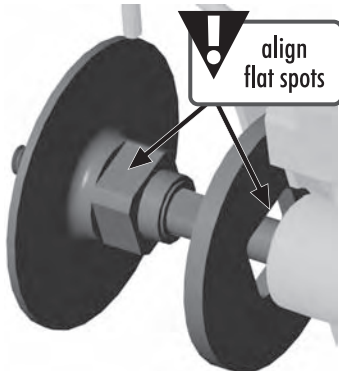
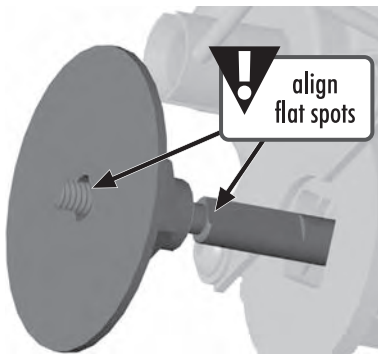
**!** assemble brake disc & pads as shown FIRST!



Step 7



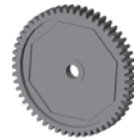
7953, qty 1  
slipper plate, inner



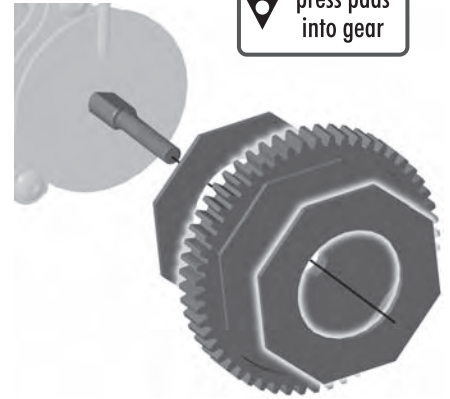
Step 8



9603, qty 2  
slipper pad



7955, qty 1  
54t spur gear



Step 9



9604, qty 1  
slipper plate, outer



9605, qty 1  
slipper spring



6629, qty 1  
5-40 locknut



Step 1



7413, qty 2  
4-40 x 3/4" bhcs



1781, qty 2  
aluminum shock  
bushing, short (FT)



6473, qty 2  
shock bushing (RTR)



7940, qty 1  
rear shock  
tower



Bag D - Rear End

Step 2



6926, qty 2  
4-40 x 5/8" shcs



9273, qty 2  
1/8" x 1/4" spacer



7941, qty 1  
camber link  
mount



Step 3



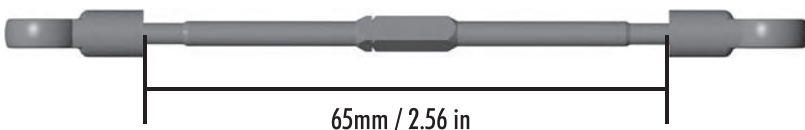
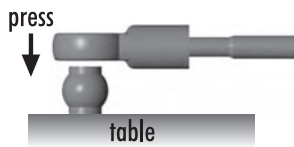
1777, qty 4  
aluminum pivot  
ball end (FT)



7217, qty 4  
shock end



1419, qty 2  
3.0" ii turnbuckle (FT)  
7937, qty 2  
3.0" steel turnbuckle (RTR)



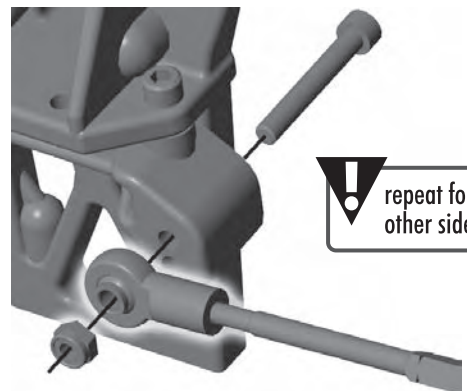
Step 4



6927, qty 2  
4-40 x 3/4" shcs






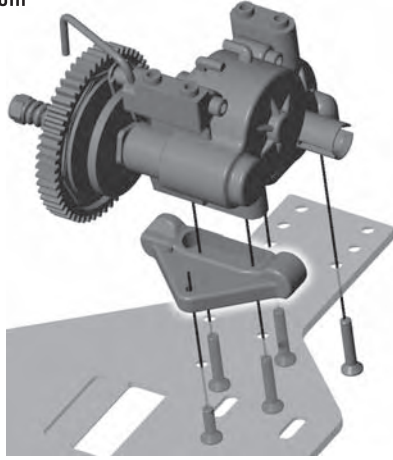
4449, qty 2  
4-40 x 3/16" locknut





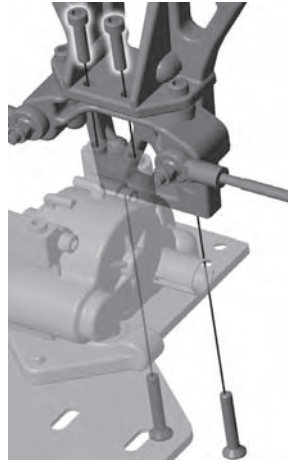
**Step 5**

-  7928, qty 1 rear arm mount
-  6915, qty 4 4-40 x 5/8" fhc
-  6292, qty 1 4-40 x 3/8" fhc





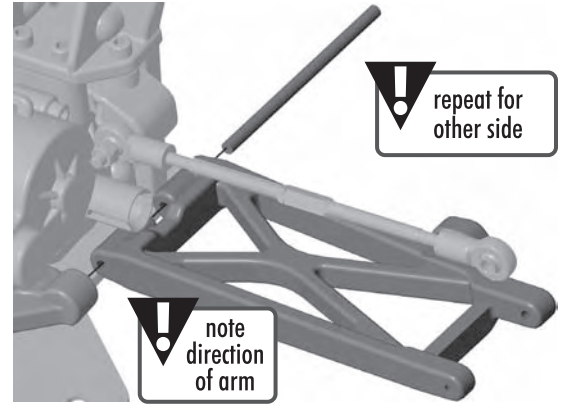
**Step 6**

-  6925, qty 2 4-40 x 1/2" shcs
-  6915, qty 2 4-40 x 5/8" fhc



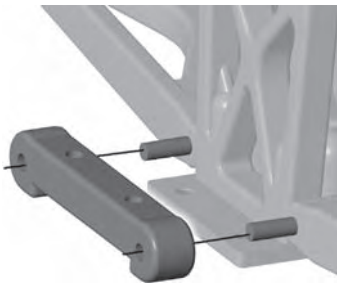
**Step 7**

-  9621, qty 2 rear inner hinge pin
-  7930, qty 2 rear arms, 1 left & 1 right



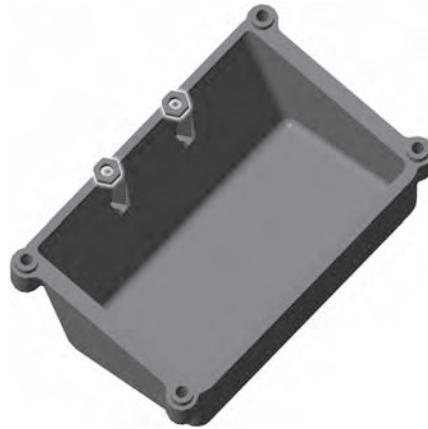
**Step 8**

-  7928, qty 1 arm mount (3+2)



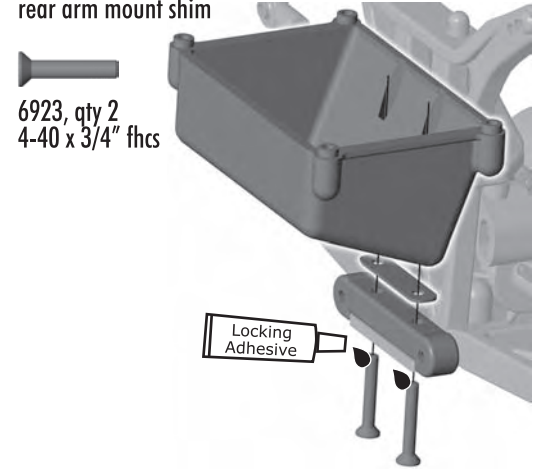
**Step 9**

-  7904, qty 1 battery box bottom
-  7260, qty 2 4-40 small pattern nut



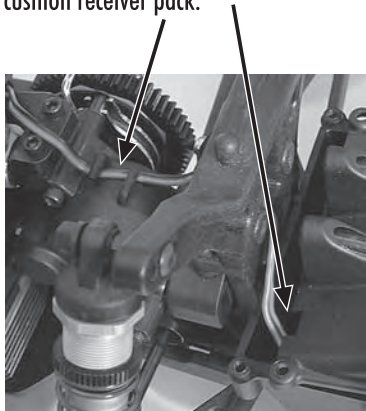
**Step 10**

-  7928, qty 1 rear arm mount shim
-  6923, qty 2 4-40 x 3/4" fhc





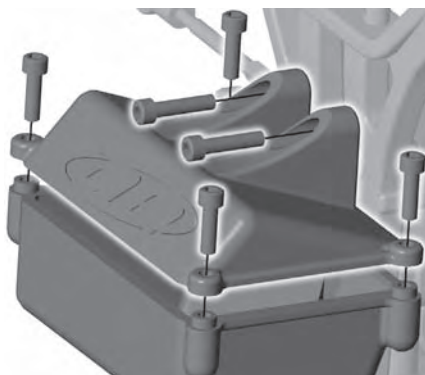
**Step 11**

Install receiver pack as shown. Note wire opening in receiver pack lid and wire hooks in transmission case.  
**TIP:** Add foam padding (not included) to cushion receiver pack.



**Step 12**

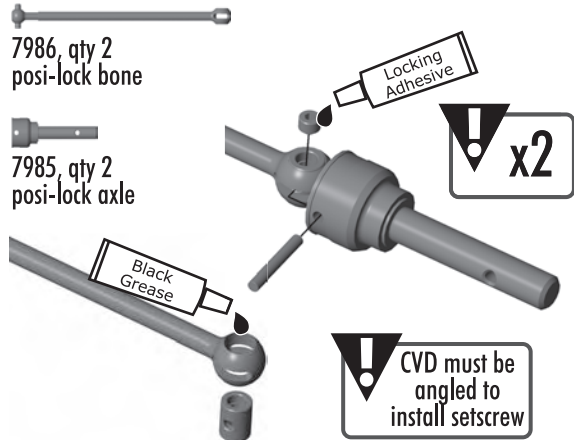
-  6925, qty 6 4-40 x 1/2" shcs
-  7904, qty 1 battery box top







**Step 13**



-  7381, qty 2 cvd coupler
-  7381, qty 2 cvd cross pin
-  7381, qty 2 4-40 setscrew



Step 14

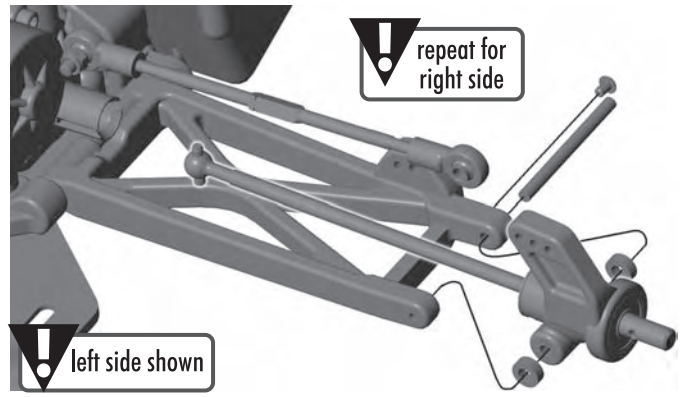
-   
 7932, qty 2  
 hub carrier, 1.5d  
 1 left & 1 right
-   
 7935, qty 2  
 3/16" x 1/2" bearing
-   
 7933, qty 2  
 crush tube
-   
 3977, qty 2  
 3/16" x 3/8" bearing

-   
 9670, qty 2  
 axle (RTR)
-   
 5407, qty 2  
 red o-ring (RTR)
-   
 7462, qty 2  
 dogbone (RTR)







Step 15

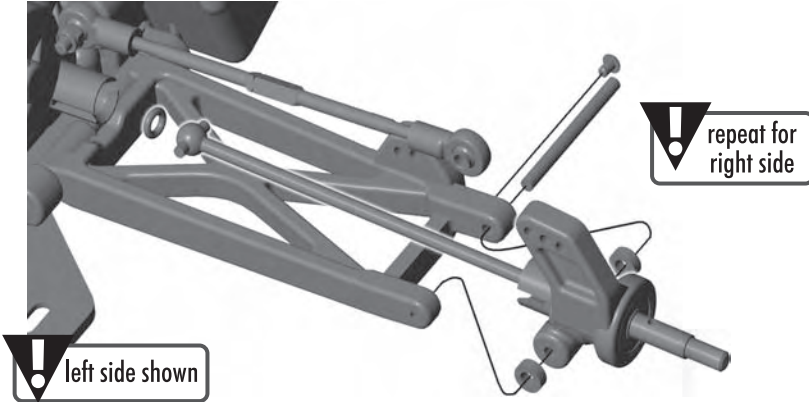
-   
 9645, qty 2  
 2-56 x 1/8" bhcs
-   
 7927, qty 2  
 outer hinge pin
-   
 9273, qty 4  
 1/8" x 1/4" spacer



Step 16

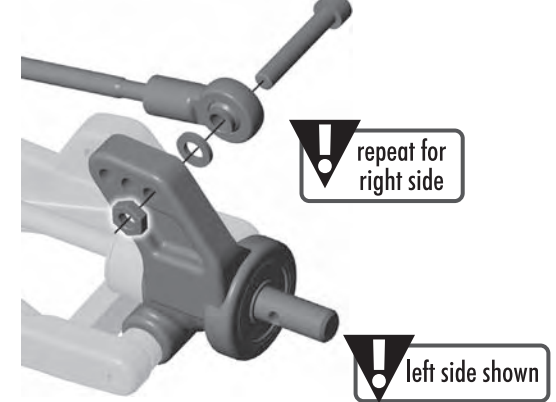
RTR

-   
 9645, qty 2  
 2-56 x 1/8" bhcs
-   
 7927, qty 2  
 outer hinge pin
-   
 9273, qty 4  
 1/8" x 1/4" spacer
-   
 5407, qty 2  
 red o-ring



Step 17

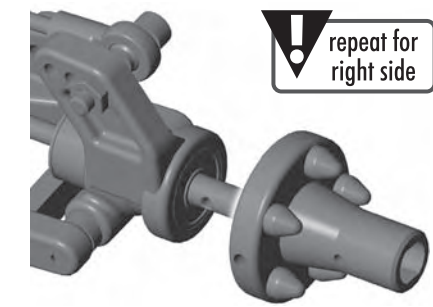
-   
 6926, qty 2  
 4-40 x 5/8" shcs
-   
 9630, qty 2  
 .030 washer
-   
 7260, qty 2  
 3/16" plain nut



Step 18



FACTORY TEAM

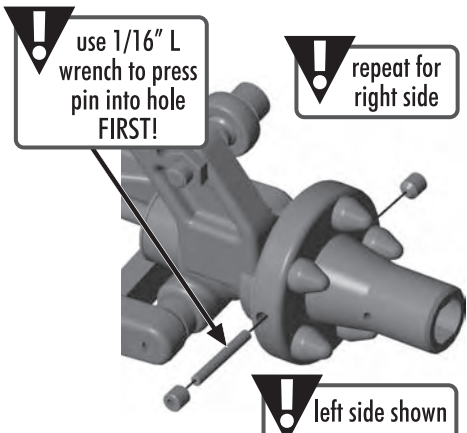
-   
 7981, qty 2  
 posi-lock hub



Step 19

FACTORY TEAM

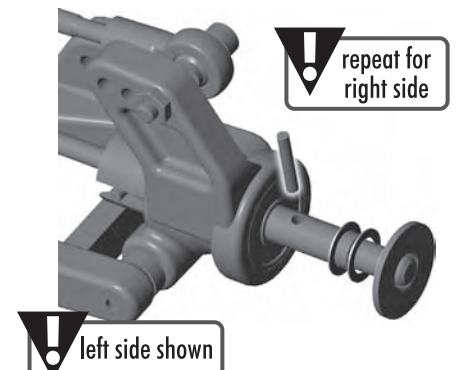
-   
 7983, qty 4  
 4-40 setscrew
-   
 7983, qty 2  
 1/2" dowel pin



Step 20

RTR

-   
 7369, qty 2  
 universal axle pin
-   
 7368, qty 4  
 3/16" axle shims
-   
 9608, qty 2  
 rear axle wheel spacer





**Step 21**



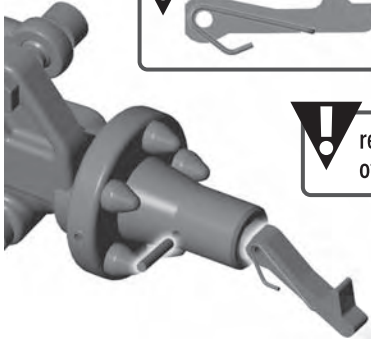
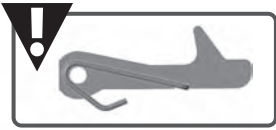
7982, qty 2  
posi-lock lever



7982, qty 2  
posi-lock spring



7369, qty 2  
axle pin



**Steering Servo Chart\***

\*Not all servo's are listed.

	#7336 Spacer	#9180 Servo Arm
<b>Airtronics</b> 94102	no spacer	A
<b>Airtronics</b> 94738, 94157, 94158, 94257, 94258, 94357, 94358, 94452, 94453, 94751, 94755	thick spacer	A
<b>Hitec</b> HS-5625MG, HS-5645MG, HS625MG, HS645MG	no spacer	H
<b>Hitec</b> HS-303, HS-300BB, HS-945MG, HS-925MG, HS- 5945MG, HS-5925MG, HS-525MG, HS-525BB, HS-425BB, HS-422	thin spacer	H
<b>JR</b> Z4725, Z4750, Z2750, Z8450, Z8550, NES-4750	no spacer	J
<b>JR</b> Z250, Z550	thin spacer	J
<b>Futaba</b> S9204, S9250, S9450, S148	no spacer	F
<b>Futaba</b> S3003, S9202, S9101	thin spacer	F
<b>Futaba</b> S9404	thick spacer	F
<b>KO</b> PS-401, PS-2001, PS-2004, PS-2015, PS-2173, PS-2174, PS-2123, PS-2143, PS-2144	thin spacer	J

Bag E - Radio Tray

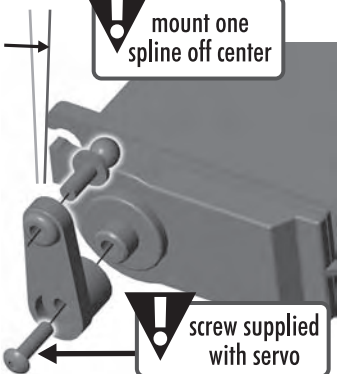
**Step 1**



3981, qty 1  
ballstud, .200,  
black



9180, qty 1  
servo horn



**Step 2**



6917, qty 4  
4-40 x 3/8" bhcs



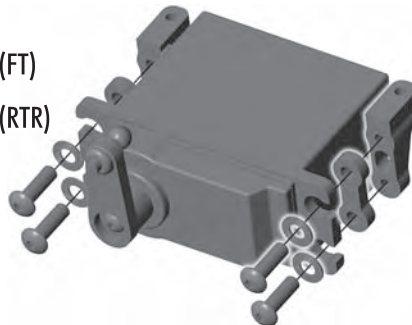
7337, qty 4  
shim washers



7336, qty 2  
servo mount  
spacers



1779, qty 2  
aluminum  
servo mounts (FT)  
7336, qty 2  
servo mounts (RTR)



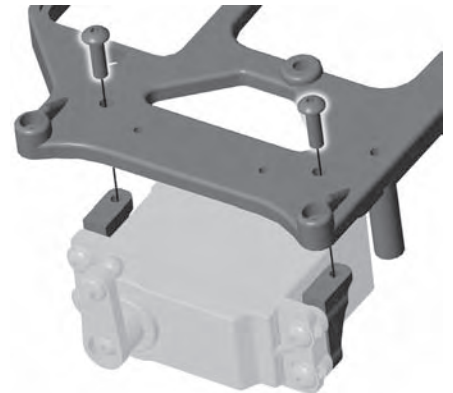
**Step 3**



6917, qty 2  
4-40 x 3/8" bhcs



7894, qty 1  
radio tray



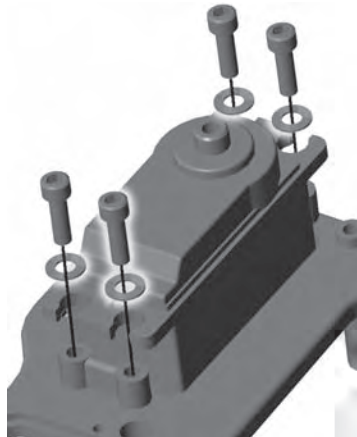
**Step 4**



6924, qty 4  
4-40 x 3/8" shcs



7337, qty 4  
shim washers



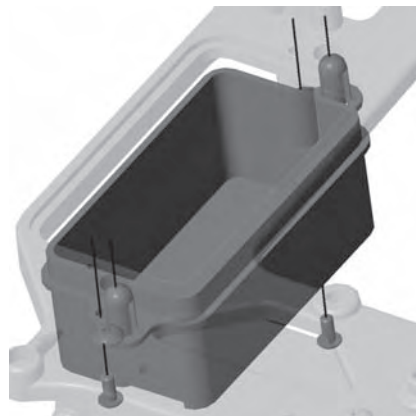
**Step 5**



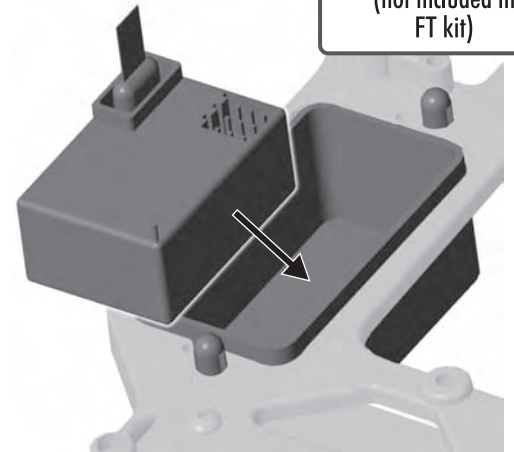
9146, qty 2  
2-56 x 3/16" bhcs



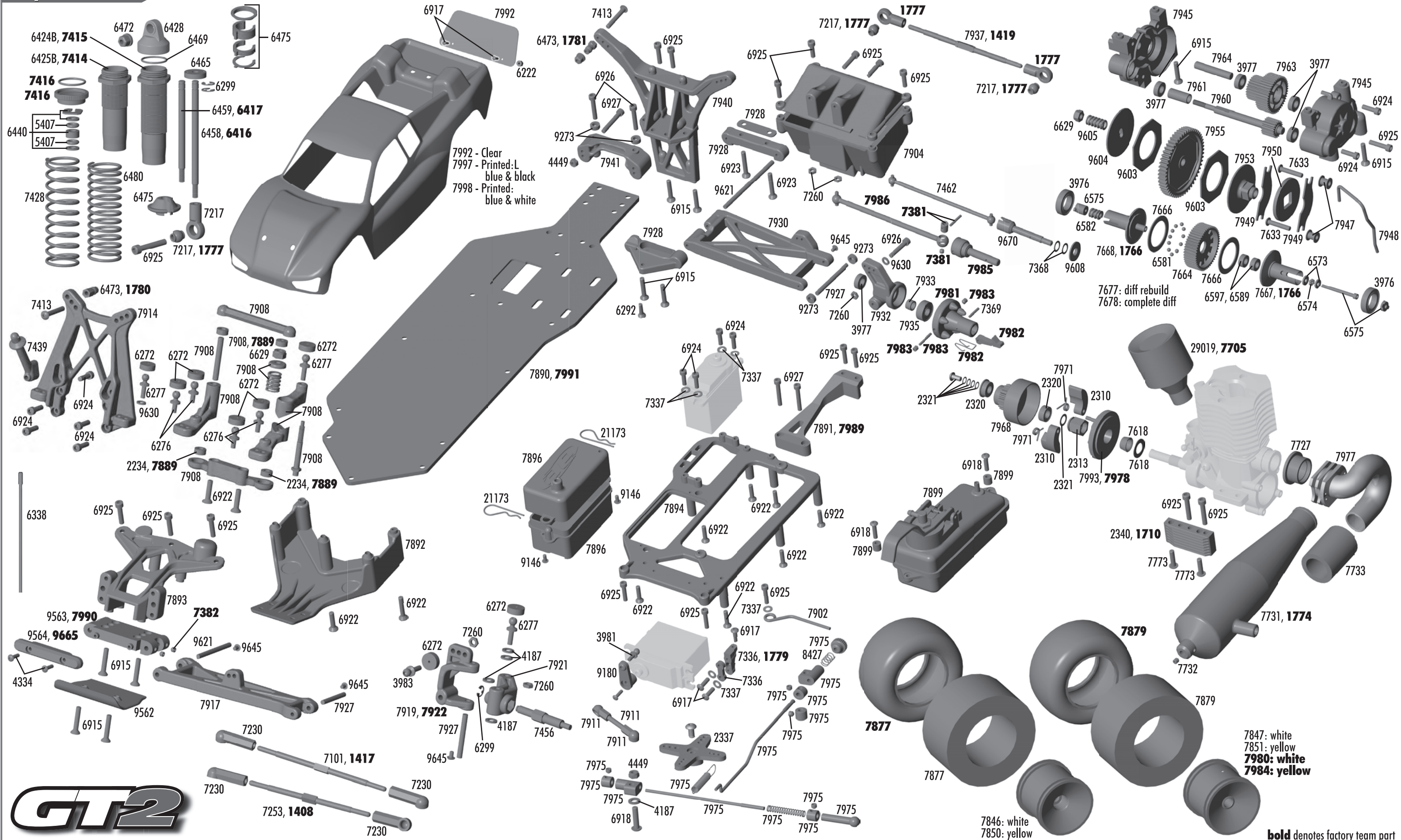
7896, qty 1  
radio box (bottom)



**Step 6**



Exploded View



7992 - Clear  
 7997 - Printed: L  
 blue & black  
 7998 - Printed:  
 blue & white

7677: diff rebuild  
 7678: complete diff

7847: white  
 7851: yellow  
**7980: white**  
**7984: yellow**

7846: white  
 7850: yellow

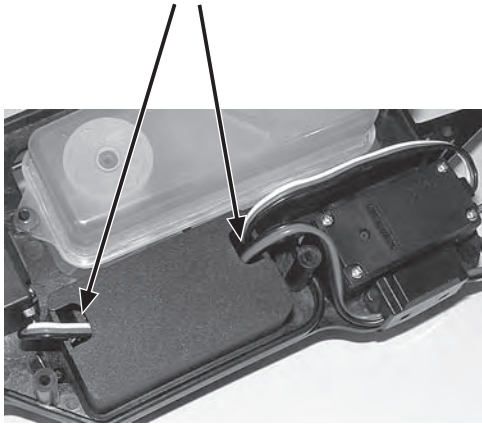
**bold** denotes factory team part





► **Wire Routing**

Route servo and receiver pack wires into receiver box. To avoid pinching the wires, route them around the standoffs as shown.

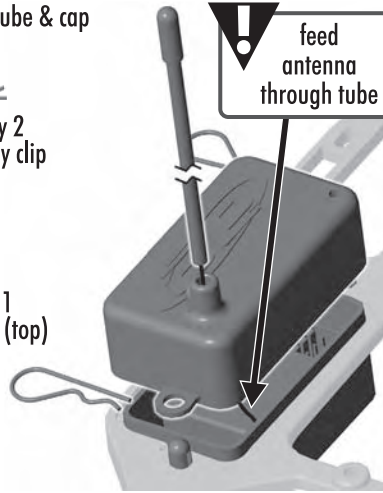


► **Step 7**

6338, qty 1 antenna tube & cap

21173, qty 2 small body clip

7904, qty 1 radio box (top)



► **Step 8**

6925, qty 1 4-40 x 1/2" shcs

7902, qty 1 muffler wire mount

7337, qty 1 shim washer

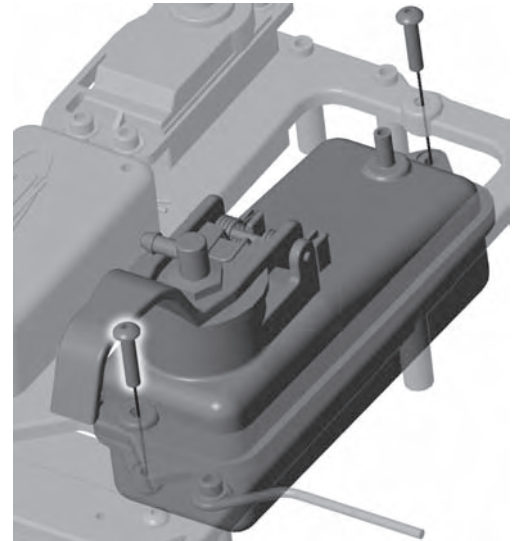


► **Step 9**

7899, qty 2 fuel tank mount grommet

6918, qty 2 4-40 x 1/2" bhcs

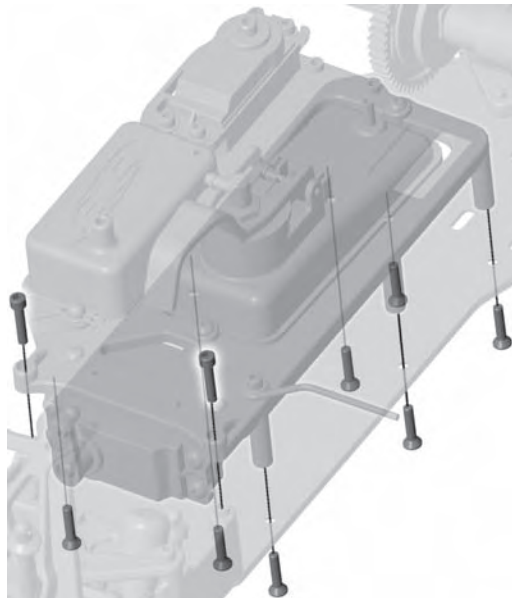
7899, qty 1 fuel tank



► **Step 10**

6925, qty 2 4-40 x 1/2" shcs

6922, qty 7 4-40 x 1/2" shcs

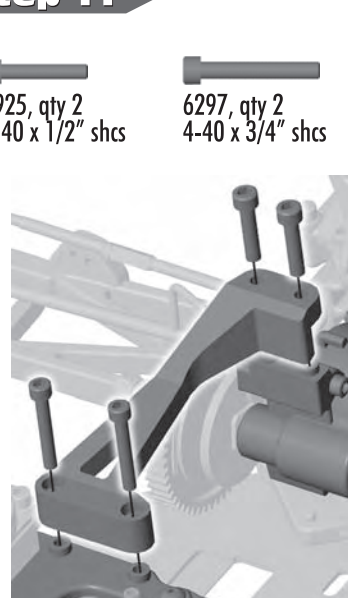


► **Step 11**

6925, qty 2 4-40 x 1/2" shcs

6297, qty 2 4-40 x 3/4" shcs

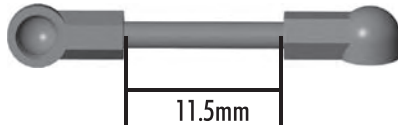
7989, qty 1 aluminum chassis brace (FT)  
7891, qty 1 chassis brace (RTR)



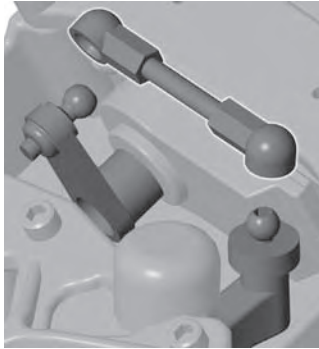


Step 12

7911, qty 1  
servo link rod  
(threaded rod)



7911, qty 2  
ball cup



Step 1

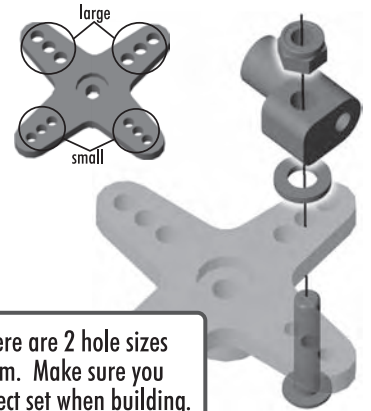
6918, qty 1  
4-40 x 1/2" bhcs

2337, qty 1  
throtte servo  
horn

	#2337 Servo Arm
<b>Airtronics/Sanwa</b>	A
<b>Futaba</b>	F
<b>Hitec</b>	H

4187, qty 1  
washer

7975, qty 1  
throttle pivot



4449, qty 1  
4-40 x 3/16" locknut

**!** Note: There are 2 hole sizes  
in this arm. Make sure you  
use the correct set when building.

Bag F - Linkage

Step 2

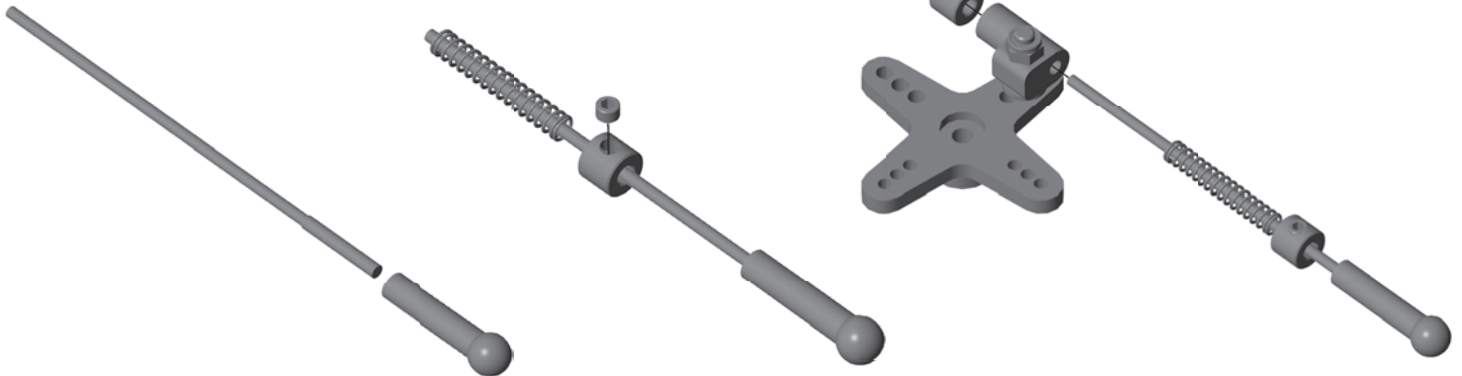
7975, qty 1  
2-56 ballcup

7975, qty 1  
throttle rod

7975, qty 2  
m3x3 setscrew

7975, qty 2  
set collar

7975, qty 1  
throttle spring



Step 3

7975, qty 1  
brake linkage wire

7975, qty 1  
set collar

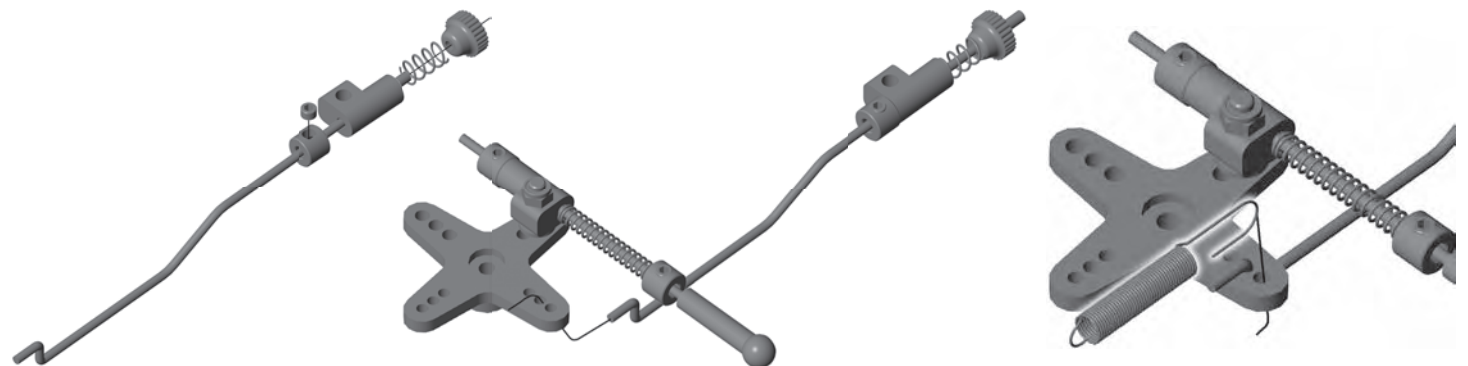
7975, qty 1  
m3x3 setscrew

7975, qty 1  
throttle pivot

8427, qty 1  
brake spring

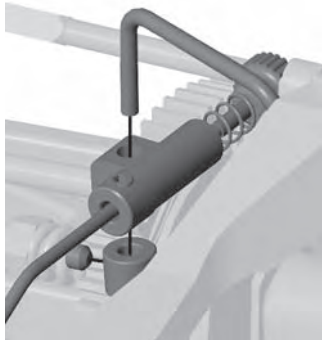
7975, qty 1  
brake adjustment  
knob

7975, qty 1  
throttle return spring  
knob



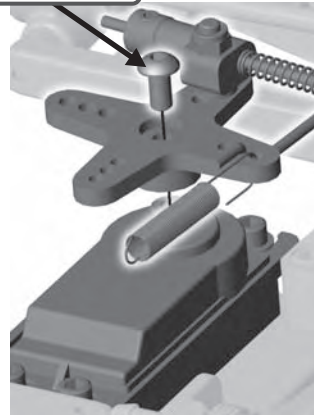
▶ Step 4

- 7975, qty 1  
4-40 setscrew
- 7975, qty 1  
set collar



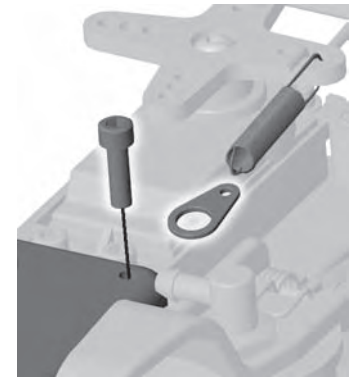
▶ Step 5

! screw supplied with servo



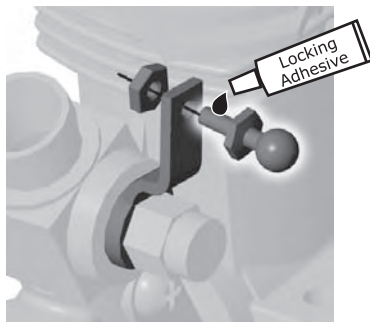
▶ Step 6

- 6924, qty 1  
4-40 x 3/8" shcs
- 7975, qty 1  
throttle return spring mount



▶ Step 1

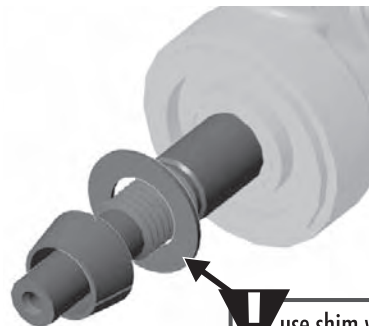
- 7975, qty 1  
2-56 ballend
- 7975, qty 1  
2-56 plain nut



Locking Adhesive

▶ Step 2

- 7618, qty 1  
collet
- 7618, qty 1  
flywheel shim



! use shim with SG crank only

▶ Step 3

- 7978, qty 1  
GT2 flywheel (FT)
- 7993, qty 1  
PS flywheel, 2 shoe (RTR)



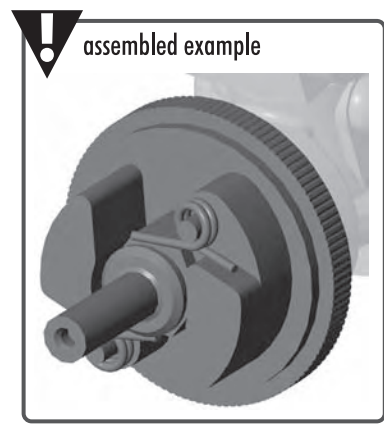
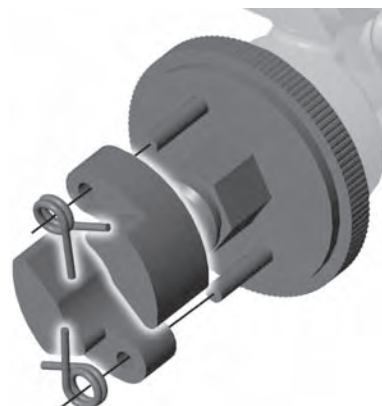
▶ Step 4

- 2313, qty 1  
sg clutch nut
- ! use included wrench to tighten #2313



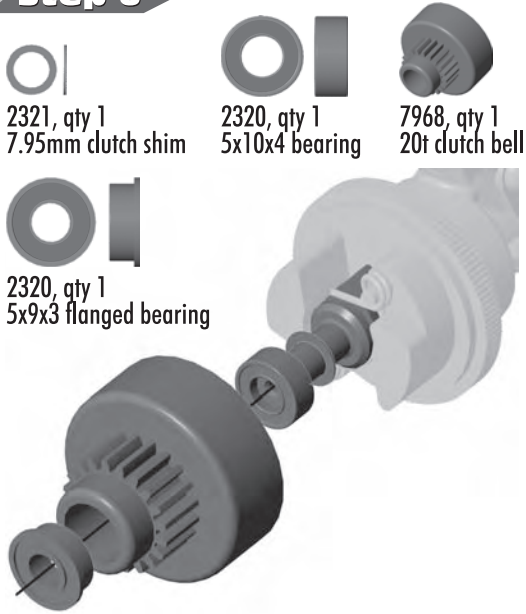
▶ Step 5

- 2310, qty 2  
clutch shoe
- 7971, qty 2  
clutch spring



Bag G - Engine Install

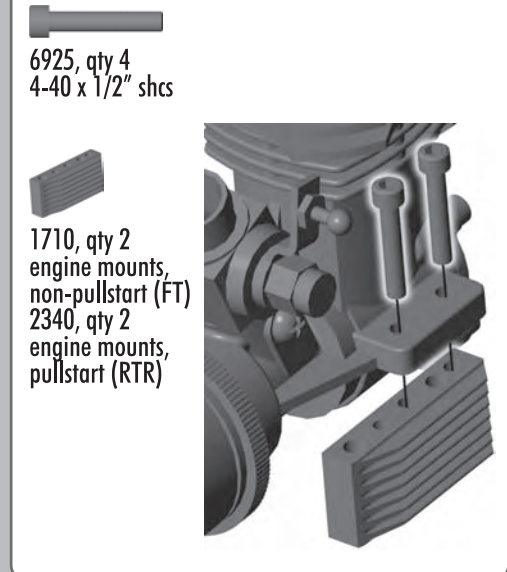
Step 6



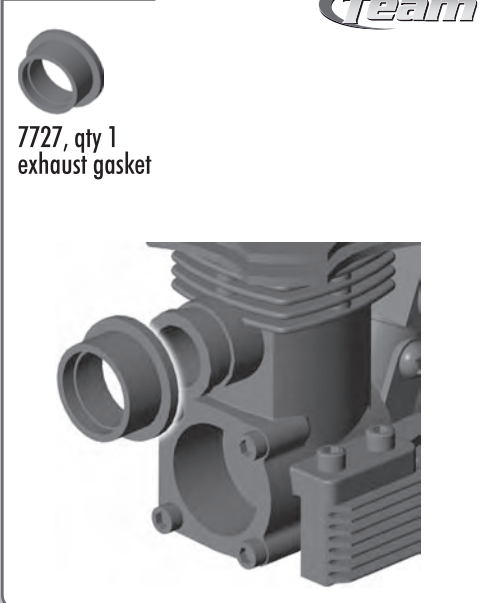
Step 7



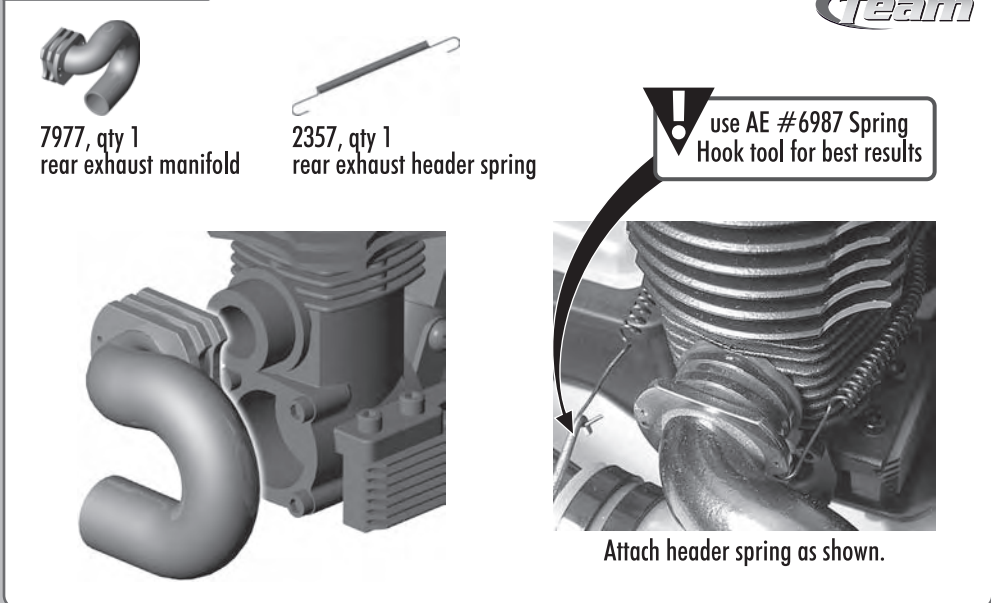
Step 8



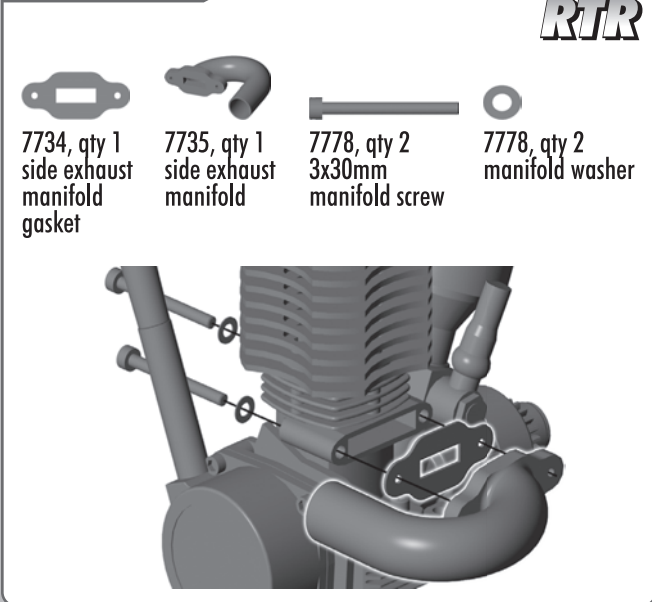
Step 9



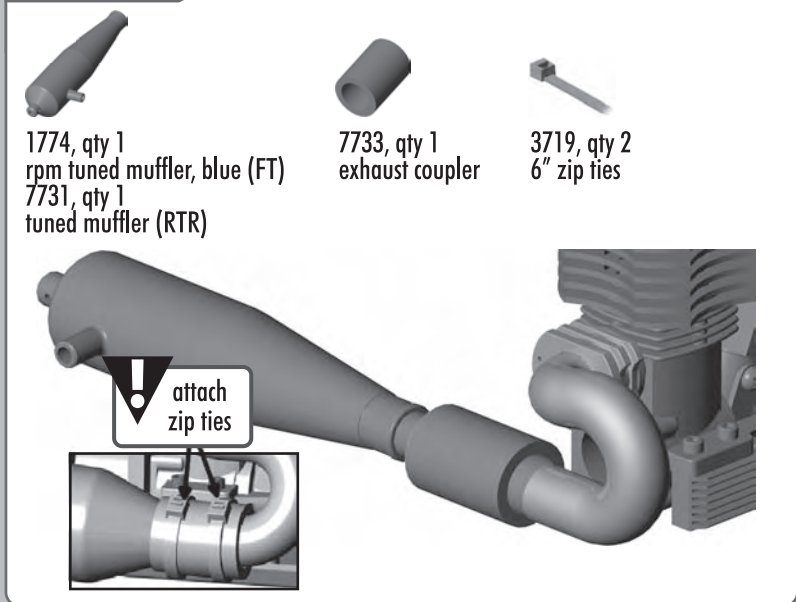
Step 10a



Step 10b



Step 11



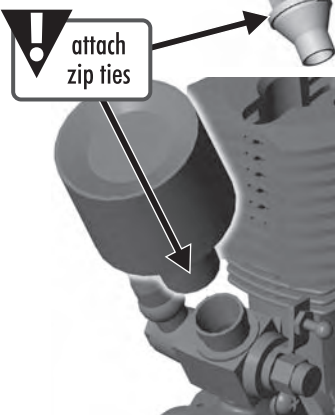


**Step 12**

7705, qty  
air filter set (FT)

29019, qty 1  
air filter (RTR)

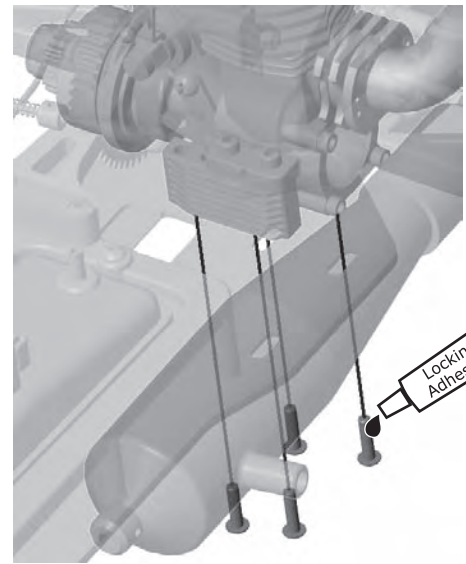
7709, qty 2  
4" zip ties



oil the foam  
prefilter using #7710  
PreFilter Treatment

**Step 13**

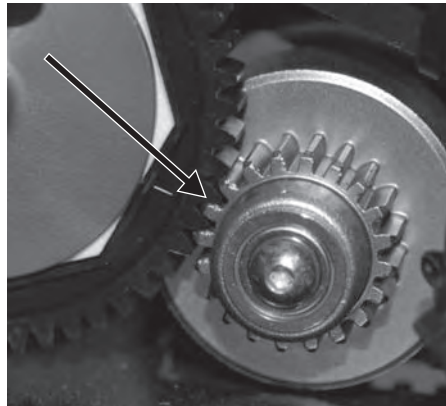
7773, qty 4  
6/32" x 3/8" bhcs

**Setting Gear Mesh**

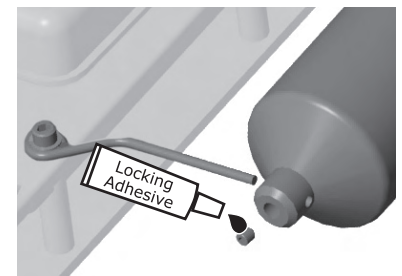
To correctly set the gear mesh, follow the steps below:

- A. Loosen engine mount screws so you can slide your engine and mount.
- B. Slide engine and mount until the clutchbell gear comes in contact with the spur gear. Tighten engine mount screws. Hold the spur gear in place and rock the clutchbell gear. There should be little 'free-play' between the two gears.
- C. If you have a small amount of free-play, skip to Step 14 (see photo for example).
- D. If you do not, go back to Step B.

It is important that you have a little gap between the two gears as possible without pushing them completely together.

**Step 14**

7732, qty 1  
4mm setscrew

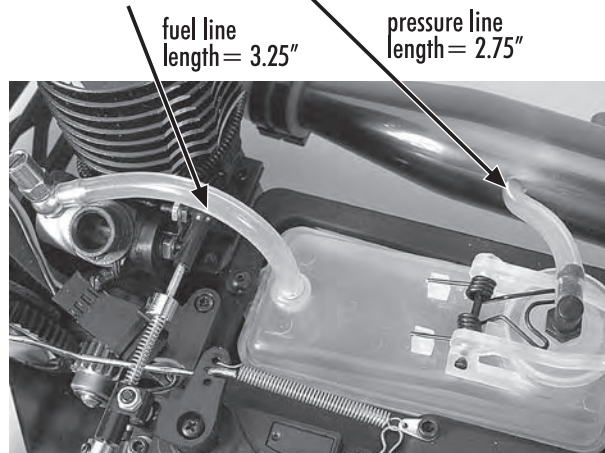
**Step 15**

! snap  
into place

**Attaching Fuel Tubing**

Attach the included fuel tubing as follows:

- Top of tank lid to exhaust pipe.
- Back of tank to carburetor.

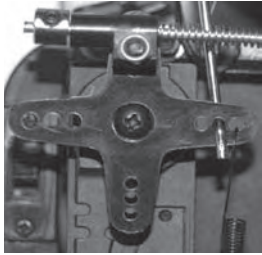
**Did you know...**

- Team Associated first introduced the RC10GT gas truck in 1993.
- The RC10GT has won every ROAR National Gas Truck Championship since the creation of the class.
- Team Associated has been producing race winning nitro vehicles since 1971 (RC1 debut (1:8 nitro), ROAR Nationals, Chris Chan)
- The RC10GT has won several Reader's Choice Awards (RTR and Factory Team versions) over it's lifetime!

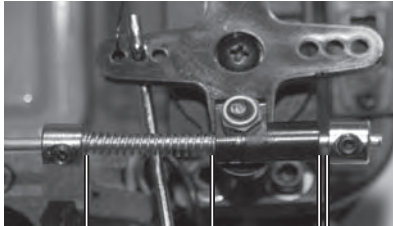
## ▶ Linkage Adjustment

To properly set your linkage, follow these steps:

1) Turn on your transmitter, turn on your truck (DO NOT START TRUCK). Set your throttle trim (or adjust servo horn) until it is 90° with the servo.

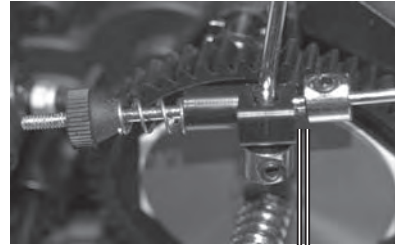


2) Set throttle linkage, spring side first, to 15mm. The throttle should be completely closed on the carburetor. Next set the throttle linkage collar gap to 0.5mm.



15mm 0.5mm

3) Set brake linkage, thumbscrew side first. Turn thumbscrew until brake cam barely touches the brake pads and brake disc. Next set the brake linkage collar gap to 0.5mm.



0.5mm

Tip: If you need more linkage travel, move the linkage to hole #3 (from #2) on the servo horn.



4) Set max throttle EPA. Hold full throttle on transmitter and check carburetor. Adjust EPA so that carburetor is completely open at full throttle.

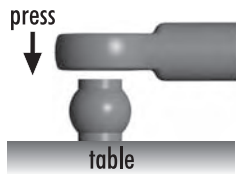
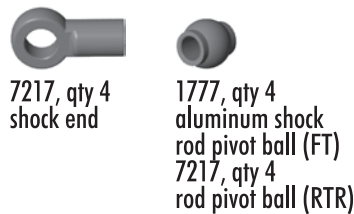
5) Set max brake EPA. It is easiest to do this while driving your GT2. Start at 50% and adjust according. Lower %, less brake. Higher %, more brake.

Bag H - Shocks

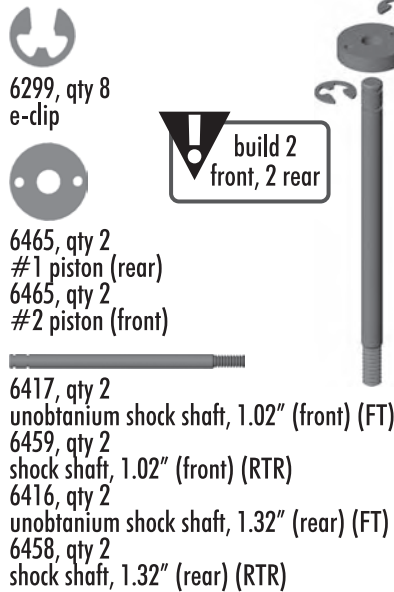
### ▶ Note:

The following instructions show you how to build one (1) single shock. You will need to follow steps 1 - 7 four times, 2 front shocks and 2 rear shocks.

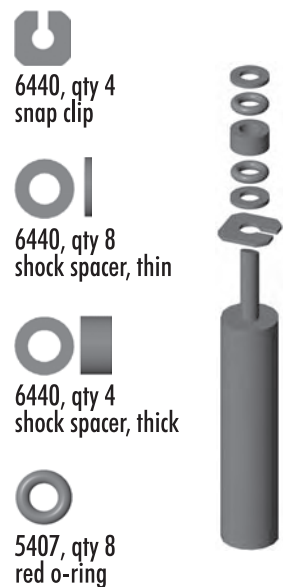
### ▶ Step 1



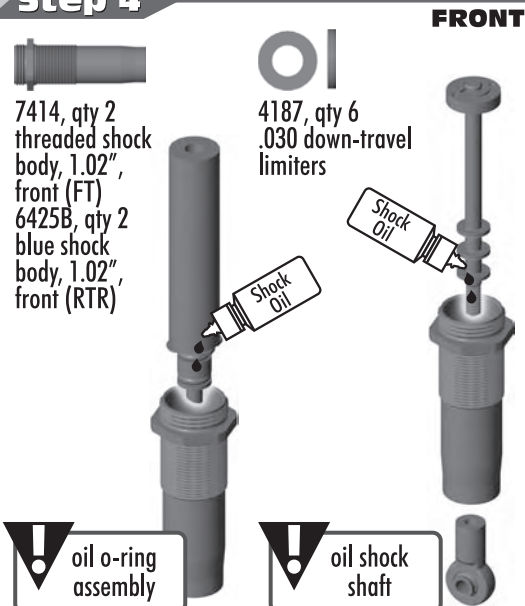
### ▶ Step 2



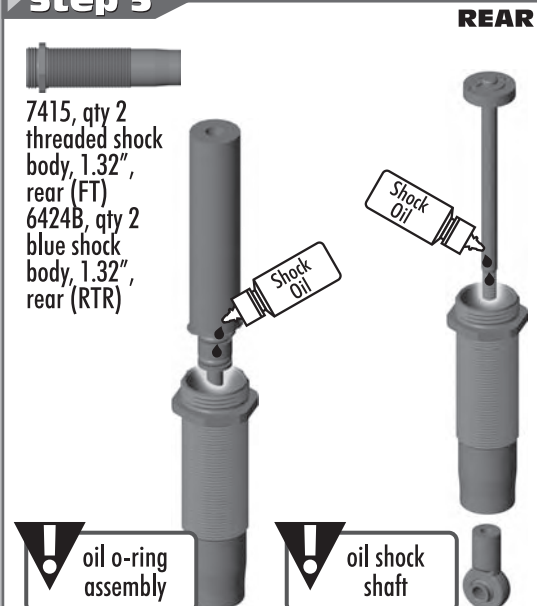
### ▶ Step 3



### ▶ Step 4



### ▶ Step 5



### ▶ Step 6



▶ **Step 7**

▶ **Bleeding - Shocks**

if the shock shaft pushes out farther than the distance in step 7, or you cannot push the shaft in until it hits the shock body, there is too much oil in the shock. pull the shaft all the way out and loosen the cap a half turn. slowly push the shaft in to pump out a small amount of oil. retighten the cap and repeat step 7.

▶ **Step 8**

7416, qty 4 threaded shock collar

7416, qty 4 threaded shock collar o-ring

! x4

! spread 1 drop of oil around o-ring

▶ **Step 9**

7428, qty 2 silver spring, front

6475, qty 2 spring retainer

! x2

▶ **Step 10**

6480, qty 2 green spring, rear

6475, qty 2 spring retainer

! x2

▶ **Step 9**

6475, qty 2 spring collar

8846, qty 2 - .030, 2 - .120 spring preload spacer

7428, qty 2 silver spring, front

6475, qty 2 spring retainer

! x2

▶ **Step 10**

6475, qty 2 spring collar

8846, qty 2 - .030, 4 - .240 spring preload spacer

6480, qty 2 green spring, rear

6475, qty 2 spring retainer

! x2

▶ **Step 11**

6925, qty 2 4-40 x 1/2" shcs

6472, qty 2 shock mounting nut

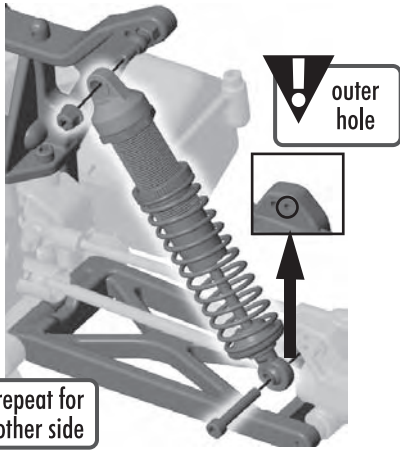
! repeat for other side



Step 12

6925, qty 2  
4-40 x 1/2" shcs

6472, qty 2  
shock mounting nut



repeat for other side

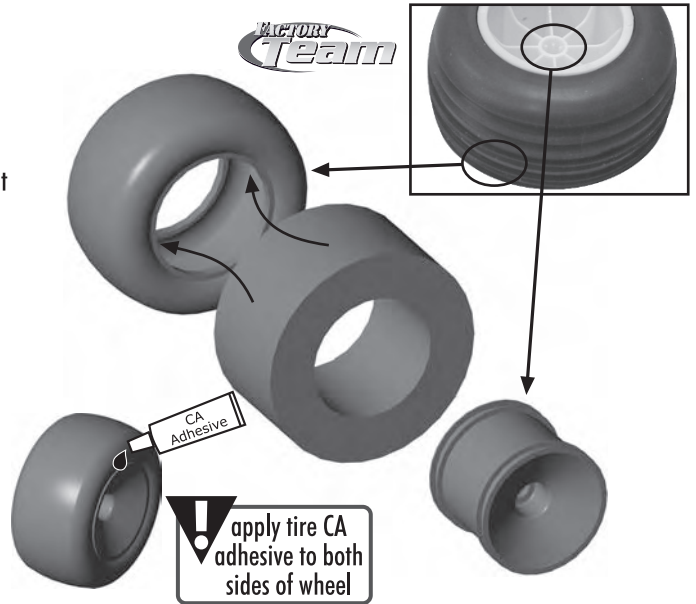
Step 1

Bag 1 - Wheels & Tires

7846, qty 2  
dish truck wheel, front

7877, qty 2  
foam tire insert

7877, qty 2  
m2 edge tire, front



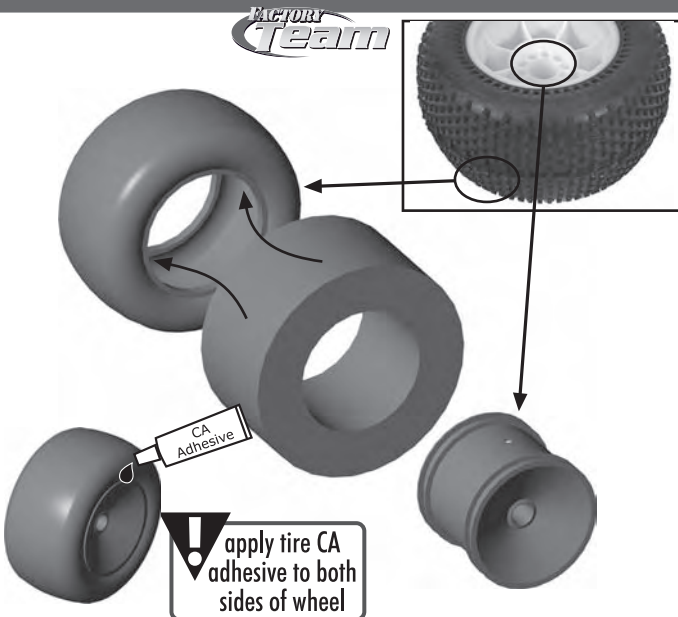
apply tire CA adhesive to both sides of wheel

Step 2

7980, qty 2  
posi-lock dish, wheel, rear

7879, qty 2  
foam tire insert

7879, qty 2  
M3 bowtie tire, rear

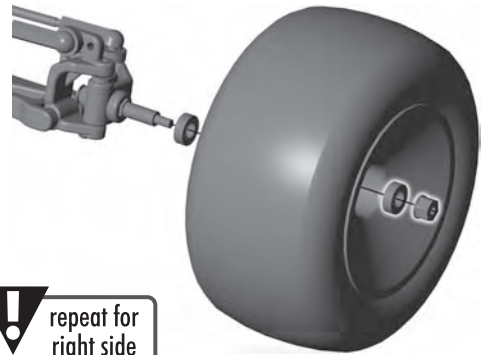


apply tire CA adhesive to both sides of wheel

Step 3

3977, qty 4  
3/16" x 3/8" bearing

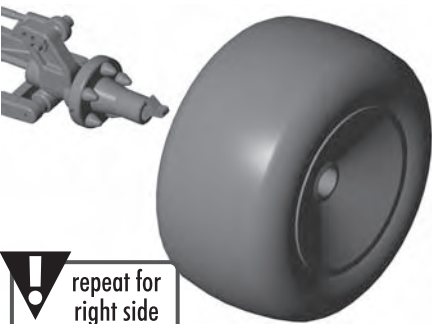
6222, qty 2  
4-40 nylon nut



repeat for right side

Step 4

snap into position



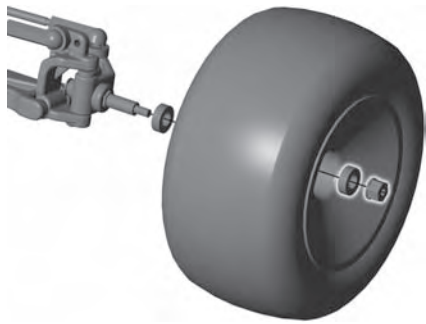
repeat for right side

Step 5

3977, qty 4  
3/16" x 3/8" bearing

7827, qty 2  
front tire, insert & wheel, mounted

6222, qty 2  
4-40 nylon nut

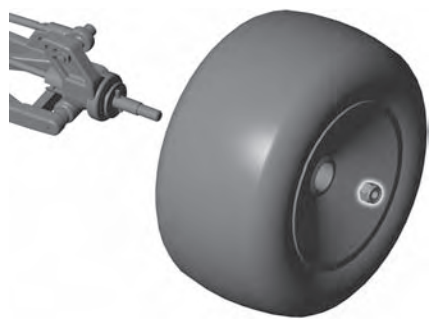


RTR

Step 6

7827, qty 2  
front tire, insert & wheel, mounted

3438, qty 2  
8-32 alum. locknut



RTR

▶ Step 1



7992, qty 1  
gt2 body



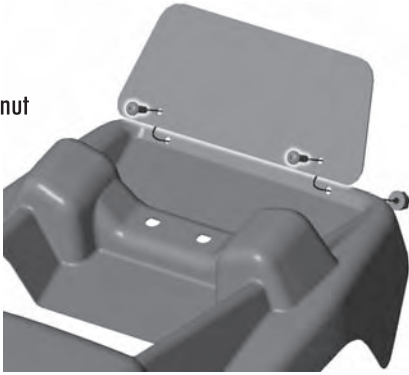
7992, qty 1  
gt2 wing



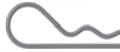
6917, qty 2  
4-40 x 3/8" bhcs



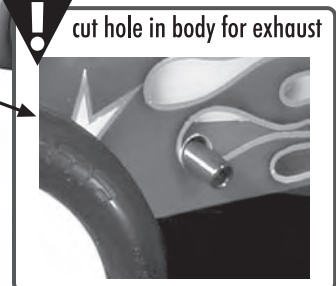
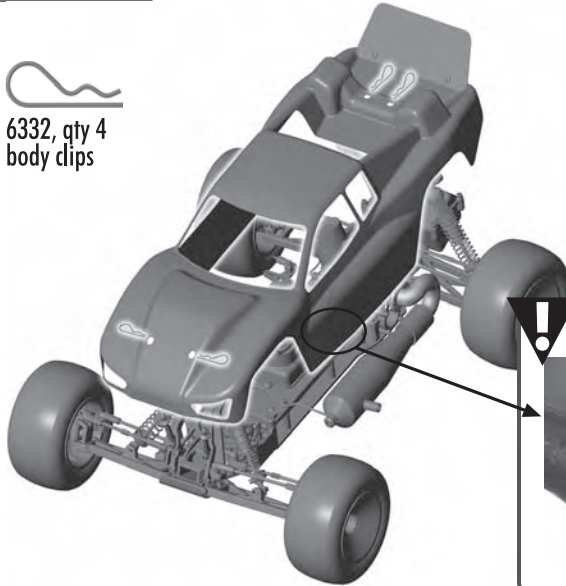
6222, qty 2  
4-40 nylon nut



▶ Step 2



6332, qty 4  
body clips



Bag J - Body

▶ Notes

Notes area is blank.

## ▶ GT2 Tuning Section

### Recommended Motor Gearing

20 tooth clutch bell, 54 tooth spur gear. Final drive ratio = (spur gear/clutch bell) x 4.09. Kit final drive = 11.04 (54/20) x 4.09

### Differential

Adjust the differential ('diff' for short) as noted in the assembly instructions, set out 1/8 turn from full locked. Adjusting the diff is not meant to be a tuning option.

### Slipper Clutch

The assembly instructions give you a base setting for your clutch. The slipper is intended to absorb shocks to the drivetrain. At the track, tighten or loosen the nut in 1/8 turn increments. If your GT2 is doing wheelies too easily, try loosening the slipper clutch 1/8 turn.

### Caster

The kit/RTR includes 25 degree caster blocks (#7919). For smoother steering, try the optional 30 degree blocks (#7922).

### Front Camber Link Length & Washers Under Ballstud

Changing the length of the camber link is considered a bigger step than adjusting the ballstud height on the tower. The 2 best upper link locations are 1-A and 2-C (see setup sheet). 2-C is longer, so it will tend to produce more front grip. 1-A is a shorter link, which tends to produce slightly less front grip. You can fine tune the amount of steering by adding or removing washers.

### Front & Rear Camber

A good starting camber setting is -2 degrees. Use the included #1719 camber gage to set your camber as seen below. Positive camber, where the top of the tire is leaning out, is typically not recommended.

### Front Toe-In

Zero degree toe-in (tires pointing straight forward) is the setting that should be used in almost all track conditions. Occasionally you can increase turn in by adding a little toe-out (front of tires point slightly out). Front toe-in is not a typical tuning adjustment used by The Team.

### Front Ride Height

The standard front ride height setting is with 3mm of pre-load on the shock collars. This setting should leave the front arms level. Check the ride height by lifting up the entire car about 8-12 inches off the bench and drop it. After the suspension "settles" into place, add or remove pre-load clips so that the left & right arms appear to be flat relative to the ground.

### Anti-Squat

Anti-squat denotes the angle of the rear arms relative to the ground. The kit setting is 2 degrees, and you can also run 1 degree by removing the included shim from above the rear arm mount and replacing it below the arm mount. Changing to less anti-squat tends to make the truck produce more rear traction, and less steering into corners.

### Rear Camber Link Length & Vertical Adjustment

On the GT2 you can change the length of the camber link on the hub, or adjust the inboard height on the rear camber link mount. The camber link mount can be shimmed up or down from the standard location, or you can change to the lower hole location.

The kit setting is the best compromise of cornering grip and acceleration. From the kit setting, lowering the inner pivot will slide more predictably, give you more entry steering, but not have as much cornering grip. Typically you will not need to shorten the camber link on the hub except for very high grip conditions. The shorter link will help the rear end from breaking free unpredictably on high grip.

### Rear Hub Spacing

You have 3 options for rear hub spacing, FWD, MIDDLE, & BACK. The kit setting provides a good balance of rear traction and steering, and will be used most often. Moving the hubs FWD will give more rear traction for low grip tracks. Move the hubs BACK on high grip tracks. Also, you can replace the included shims (optional parts not included) to get intermediate settings.

### Rear Ride Height

The rear ride height setting you should use most often is 12 mm pre-load on the threaded collars. The chassis should be level from the side view. Check the ride height, after the suspension 'settles' into place, by lifting up the entire car about 8-12 inches off the bench and drop it. Add or remove pre-load clips as necessary.

### Tuning Sheets

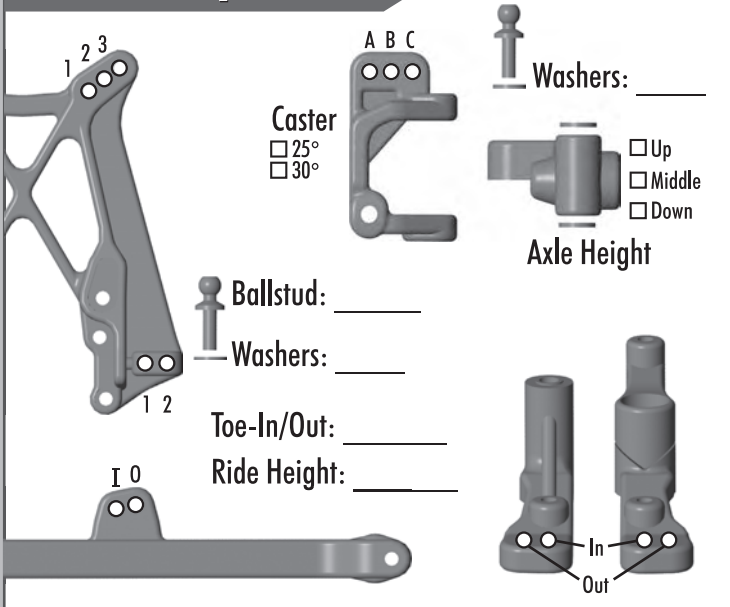
Most often, the best way to get your car handling correctly is to visit our website [www.rc10.com](http://www.rc10.com) and click on the links to Setup Sheets, then RC10GT2 setups. Our team of professional drivers help develop these setups at National events. Also, most drivers have a "base" setup that they use as a starting point for every event. Try running some of our base setups OR look for track conditions and tires that are similar to your local track and mimic that setup. Remember, each adjustment has a purpose, so copy everything from the setup sheet and then make adjustments based on these recommendations and in our online tuning guide at <http://www.rc10.com>.



Setup Sheet for Team Associated's RC10GT2

Driver: \_\_\_\_\_ Date: \_\_\_\_\_  
Track: \_\_\_\_\_ Indoor:  Outdoor:   
Event: \_\_\_\_\_

▶ **Front Suspension**



**Caster**  
 25°  
 30°

**Washers:** \_\_\_\_\_

Up  
 Middle  
 Down

**Axle Height**

**Ballstud:** \_\_\_\_\_

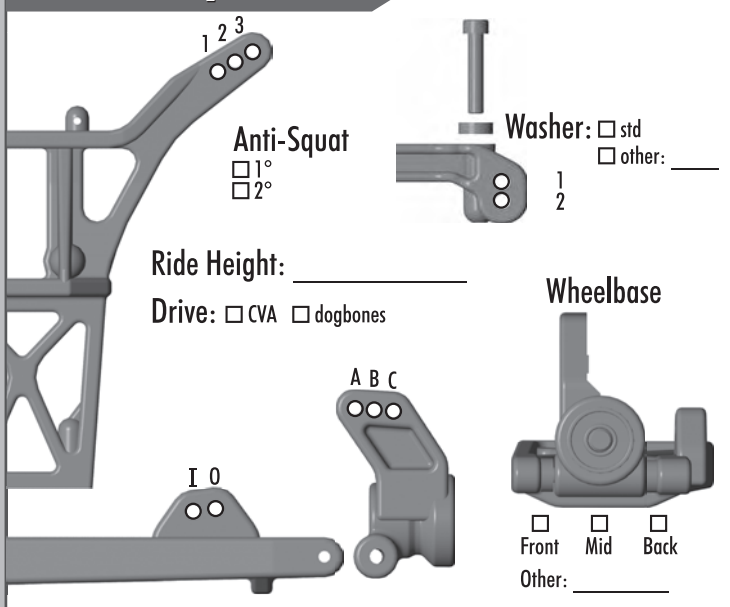
**Washers:** \_\_\_\_\_

**Toe-In/Out:** \_\_\_\_\_

**Ride Height:** \_\_\_\_\_

**In** \_\_\_\_\_ **Out** \_\_\_\_\_

▶ **Rear Suspension**



**Anti-Squat**  
 1°  
 2°

**Washer:**  std  
 other: \_\_\_\_\_

**Ride Height:** \_\_\_\_\_

**Drive:**  CVA  dogbones

**Wheelbase**

Front  Mid  Back

**Other:** \_\_\_\_\_

▶ **Front Shocks**

**Shock Spring:** \_\_\_\_\_ **Limiters (inside):** \_\_\_\_\_

**Shock Oil:** \_\_\_\_\_ wt. **Shock Shaft:**  standard  unobitanium

**Shock Piston:** \_\_\_\_\_

▶ **Rear Shocks**

**Shock Spring:** \_\_\_\_\_ **Limiters (inside):** \_\_\_\_\_

**Shock Oil:** \_\_\_\_\_ wt. **Shock Shaft:**  standard  unobitanium

**Shock Piston:** \_\_\_\_\_

▶ **Engine**

**Engine:** \_\_\_\_\_ **Carb Type:**  rotary

**Size:**  .12  .15  other: \_\_\_\_\_ **Restrictor:**  .170  .180  .190

Pullstart  Non-Pullstart  none

**Engine Temp:** \_\_\_\_\_ ° **Pipe:** \_\_\_\_\_

**Fuel:** \_\_\_\_\_ % **Glow Plug:** \_\_\_\_\_

▶ **Gearing/Clutch**


**Clutch Bell/Spur:** \_\_\_\_\_ T/ \_\_\_\_\_ T

**Clutch Shoes:**  2  other: \_\_\_\_\_

**Clutch Spring:**  1mm  0.9mm  0.8mm

**Slipper Setting:** \_\_\_\_\_ turns out

**Other:** \_\_\_\_\_



dutch shoe cutting diagram

▶ **Front Tires**

**Tire:** \_\_\_\_\_ **Compound:** \_\_\_\_\_

**Insert:** \_\_\_\_\_

**Wheel:** \_\_\_\_\_

▶ **Rear Tires**

**Tire:** \_\_\_\_\_ **Compound:** \_\_\_\_\_

**Insert:** \_\_\_\_\_

**Wheel:** \_\_\_\_\_

▶ **Body**

**Body:** \_\_\_\_\_

**Spoiler:** \_\_\_\_\_

▶ **Additional Information**

**Weight:** \_\_\_\_\_ oz. **Radio:** \_\_\_\_\_

**Location:** \_\_\_\_\_ **Steering Servo:** \_\_\_\_\_ **Throttle Servo:** \_\_\_\_\_

▶ **Race, Track and Vehicle Comments**

**Main:** \_\_\_\_\_ **Place:** \_\_\_\_\_ **Finish:** \_\_\_\_\_ **TQ:**

**Comments:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Track Info:**

smooth  bumpy  blue groove

high traction  medium traction  low traction

soft dirt  grass  clay  wet  dusty

other: \_\_\_\_\_