

BAG F

REMOVE THESE PARTS FOR:

Steps 7-8



6222, qty 4
4-40/5-40
locknut

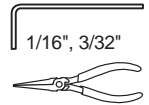


6473, qty 4
shock bushing



6918, qty 4
4-40 x 1/2

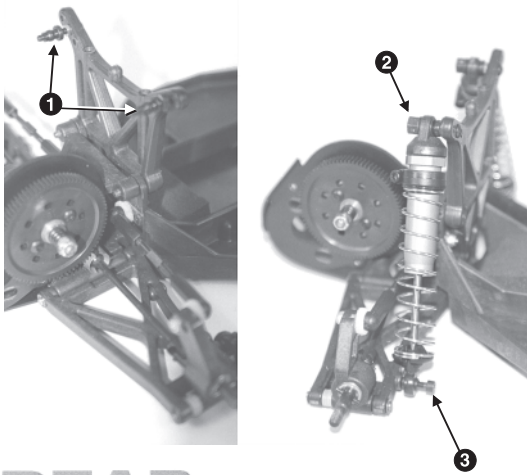
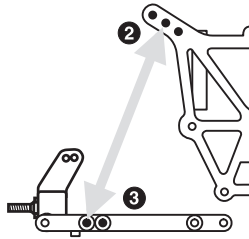
TOOLS USED



step 7 RIGHT SIDE

REAR SHOCK MOUNTING

- 1 Add the #6473 bushings as shown.
- 2 Push cap over bushing and add #6222 locknut. Do not overtighten or the shock will bind.
- 3 Fasten the lower shock with the #6918 screw into the arm outer hole.

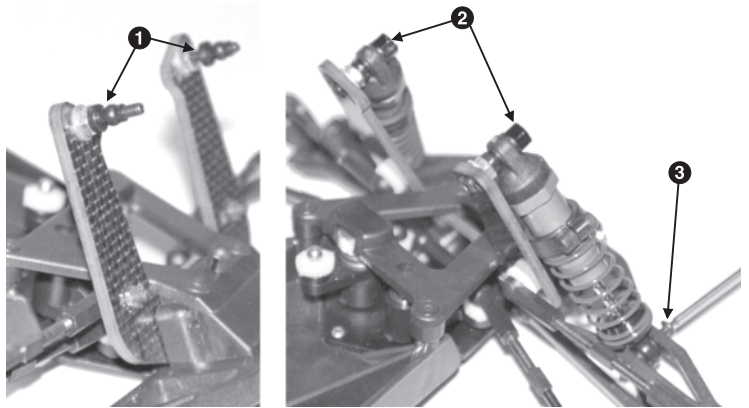
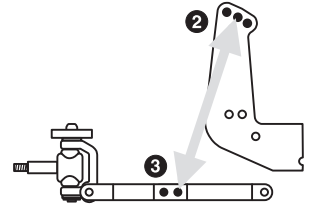


◀ **REAR**

step 8 RIGHT SIDE

FRONT SHOCK MOUNTING

- 1 Add the #6473 bushings as shown.
- 2 Push cap over bushing and add #6222 locknut. Do not overtighten or the shock will bind.
- 3 Fasten the lower shock with the #6918 screw into the arm inner hole
- 4 Do the other front shock.

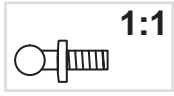


◀ **REAR**

BAG G

REMOVE THESE PARTS FOR:

Step 1



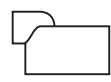
6270, qty 1
ball end



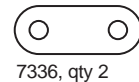
6272, qty 1
dust cover



7337, qty 4
washer

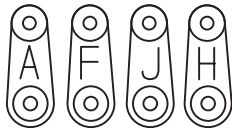


7336, qty 2
servo mount



7336, qty 2
servo mount
spacer

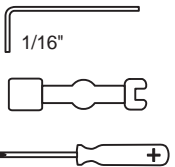
9180, qty 1 ea
servo horns



BASIC, SPORT, TEAM ONLY
6917, qty 4
4-40 x 3/8

FACTORY TEAM ONLY
6860*, qty 4
4-40 x 3/8

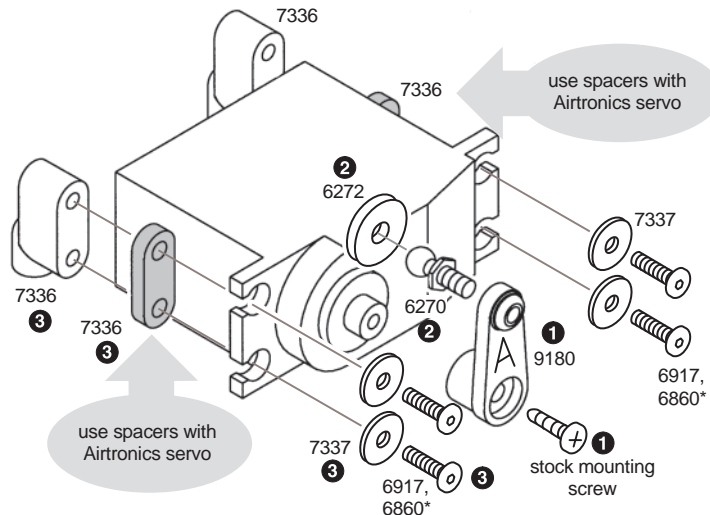
TOOLS USED



step 1

ASSEMBLE THE SERVO

- 1 Find the appropriate #9180 servo horn for your servo, marked "A" for Airtronics, "F" for Futaba, "J" for JRPropo, and "H" for Hitec. Remove the servo horn from your servo and replace with the #9180 horn, then fasten with the stock mounting screw.
- 2 Install the #6270 ball end into the servo horn. Add the #6272 dust cover.
- 3 Attach the #7336 mounts with the #6917 (6860*) screws and #7337 washers. Add the #7336 spacers if you have an Airtronics servo.



BAG G

REMOVE THESE PARTS FOR:

Step 2



9170, qty 2
servo link cup

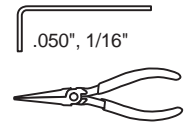


9170, qty 1
servo link



7673, 6933*, qty 2
4-40 x 5/16

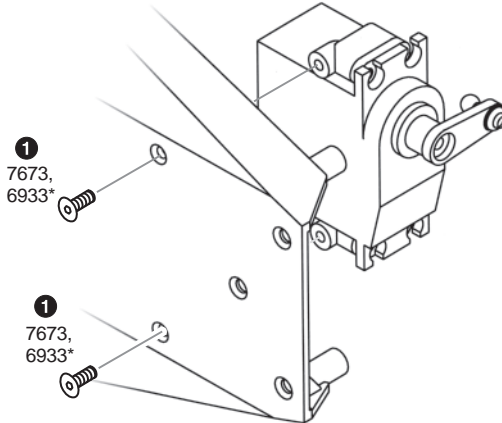
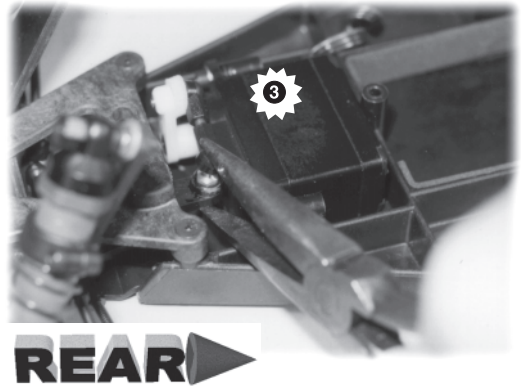
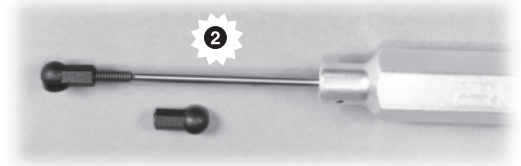
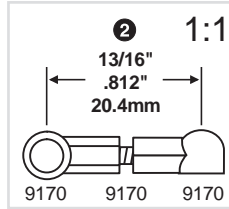
TOOLS USED



step 2 RIGHT SIDE

MOUNT THE SERVO

- 1 Mount the servo with two #7673 (6933*) screws.
- 2 Assemble the #9170 servo link, matching the length to the true scale drawing.
- 3 Use needle-nose pliers to attach link to ball ends.



PARTS REMOVED TO IMPROVE CLARITY

BAG G

REMOVE THESE PARTS FOR:

Step 3



6515, qty 2
3mm x 6mm
gold



6936, qty 2
#4 washer



6951, qty 1
4-40 x 1/8
set screw



SPORT ONLY
6681, qty 1
23 tooth
pinion gear



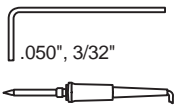
SPORT ONLY
6520, qty 3
.1uf capacitor



SPORT ONLY
6742, qty 1
motor connection plug

SPORT ONLY
580, qty 1
motor

TOOLS USED



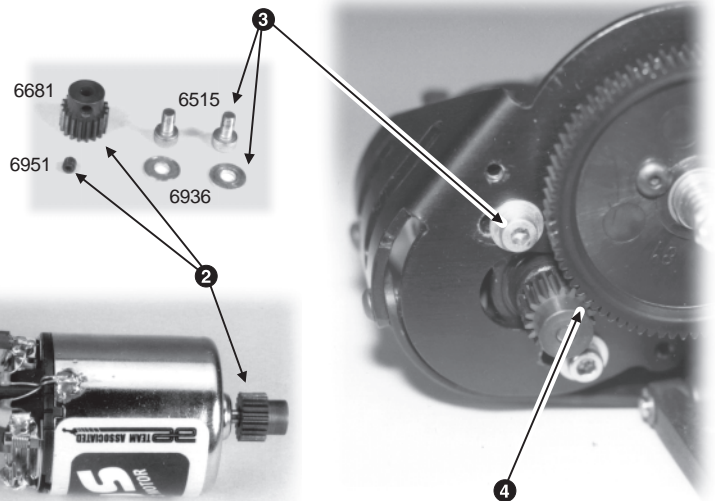
step 3 RIGHT SIDE

INSTALL THE MOTOR

- 1 Attach three capacitors to your motor according to the instructions that came with your motor, if they are not on already. For the **Sport kit**, solder the colored plug wire to a positive tab on the motor and the black wire to a negative tab. For the **Basic, Team & Factory Team kits**, you must buy your own motor, then follow this step.
- 2 Install the #6681 gear with the #6951 set screw going to the flat side of the shaft. For the **Basic, Team & Factory Team kits**, you must buy your own pinion gear. If you use an electronic speed control, see its directions for installing motor capacitors.
- 3 Use two #6515 screws and two #6936 washers to mount the motor as shown so the gears mesh.

SET THE GEAR MESH

- 4 You should be able to rock the spur gear back and forth in the teeth of the pinion gear without making the pinion gear move. If the plastic gear is tight, then loosen the #6515 screws and move the motor away, then try again. A gear mesh that is too tight or too loose will reduce power and damage the gear

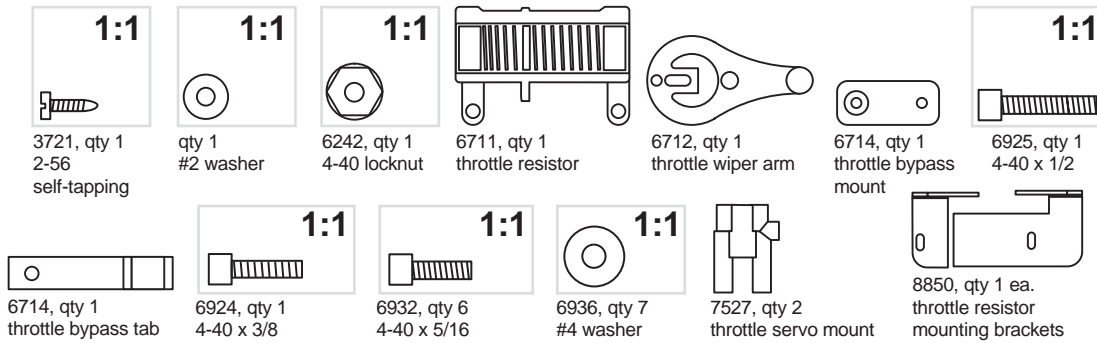


SPORT KIT ONLY

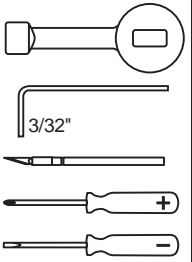
BAG G

REMOVE THESE PARTS FOR:

Sport: steps 4-6



TOOLS USED



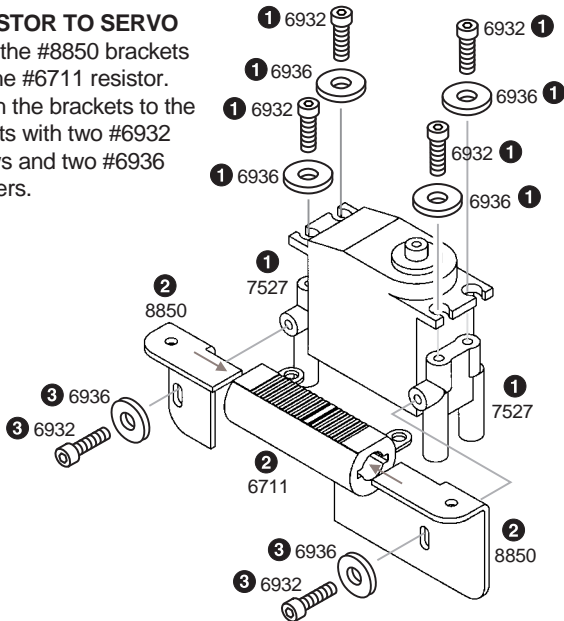
step 4

MOUNTS TO SERVO

- 1 Attach the #7527 mounts to the servo with four #6932 screws and four #6936 washers. Orient your servo output shaft as shown here.

RESISTOR TO SERVO

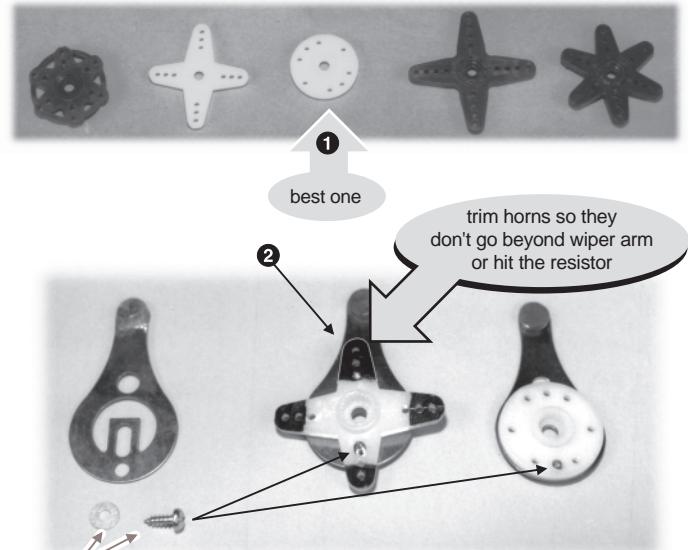
- 2 Push the #8850 brackets into the #6711 resistor.
- 3 Attach the brackets to the mounts with two #6932 screws and two #6936 washers.



step 5

MODIFY THE SERVO HORN

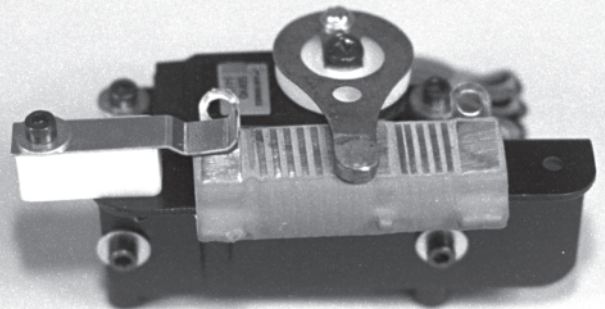
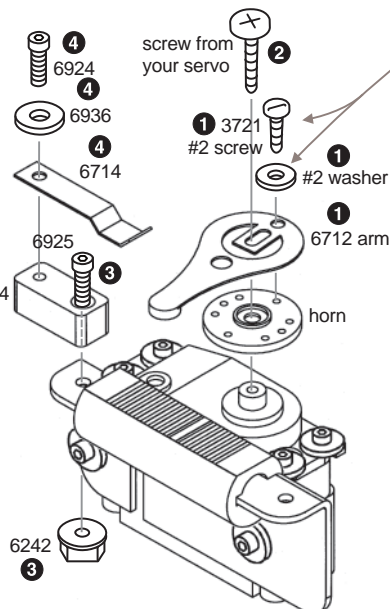
- 1 There are many servo horns available. The round one is the best one.
- 2 You must modify the horn if you are not using the round one. Trim them so they don't go beyond the #6712 throttle wiper arm outer edge. Also trim so it will clear the resistor.



step 6

FINAL RESISTOR/ SERVO ASSEMBLY

- 1 Attach the #6712 arm to the horn with the #3721 screw and #2 washer. Mount the arm and horn to the servo with the screw from your servo. Trim the #3721 screw tip if it contacts the servo body.
- 2 Add the #6714 mount using #6925 screw and #6242 locknut. Add the #6714 bypass tab to the #6714 mount with a #6924 screw and #6936 washer.



ASSEMBLED THROTTLE ARM AND RESISTOR

SPORT KIT ONLY

BAG G

REMOVE THESE PARTS FOR:

Sport: steps 7-9

1:1



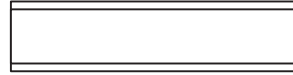
6917, qty 2
4-40 x 3/8



6747, qty 1
battery input harness

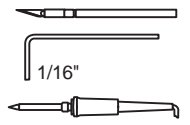


6745, qty 1
motor output harness



qty 1
servo tape
(roll, #6726)

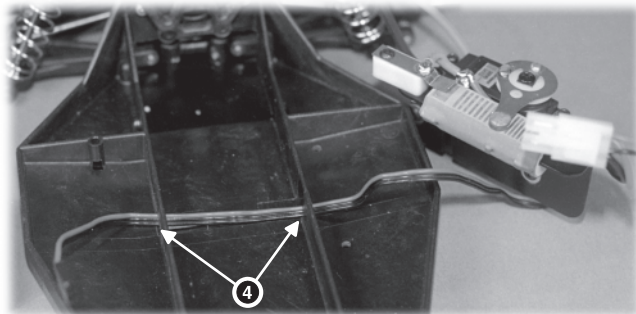
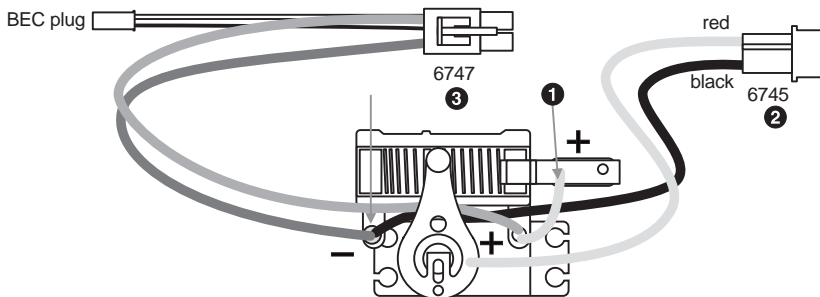
TOOLS USED



step 7

WIRE THE RESISTOR

- 1 Solder the short red wire between the positive resistor tab and the brass bypass tab.
- 2 Solder the #6745 harness wires to the wiper arm and negative tab on the resistor.
- 3 Solder the #6747 harness to the positive and negative tabs on the resistor.
- 4 Run the wire of the servo attached to the resistor through the battery slot area.

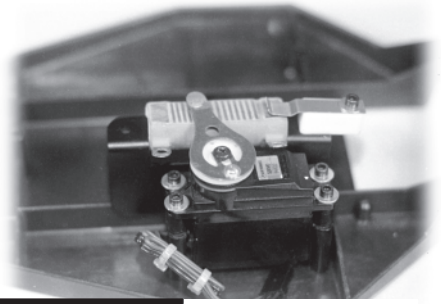
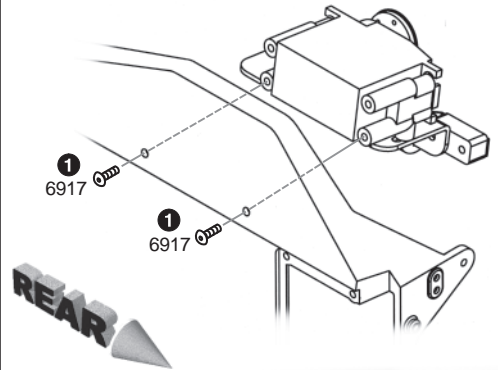


PARTS REMOVED TO IMPROVE CLARITY

step 8 LEFT SIDE

SPEED CONTROL TO CHASSIS

- 1 Attach speed control to chassis with two #6917 screws from the bottom.



PARTS REMOVED TO IMPROVE CLARITY

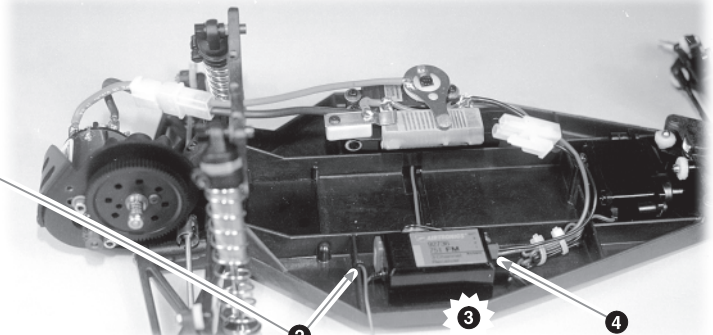
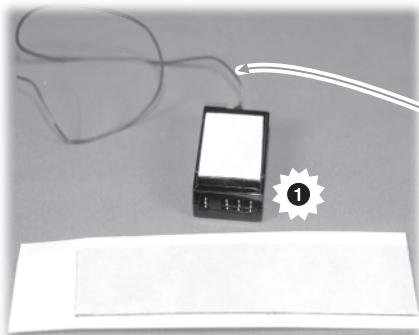
REAR

ALL KITS

step 9 LEFT SIDE

RADIO RECEIVER TO CHASSIS

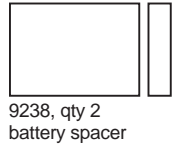
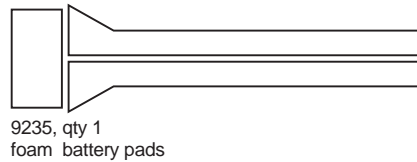
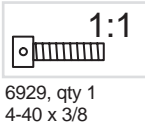
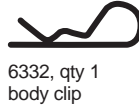
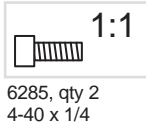
- 1 Cut a piece of servo tape, remove the paper from one side, and attach it to the bottom of your receiver.
- 2 Slip the receiver wire through the built-in chassis antenna mount.
- 3 Remove the paper from the other side and attach to the chassis as shown.
- 4 Plug the small #6747 BEC plug (of step 7) into the receiver's on/off switch.
- 5 Follow the instructions that accompany your radio receiver system.



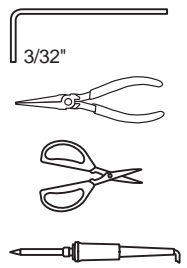
BAG H

REMOVE THESE PARTS FOR:

Steps 1-2



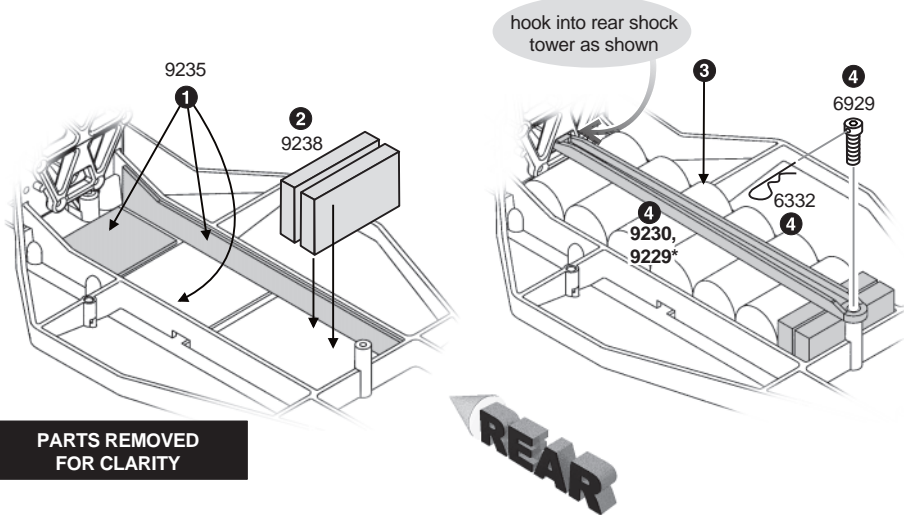
TOOLS USED



step 1 LEFT SIDE

INSTALLING THE BATTERY PACK

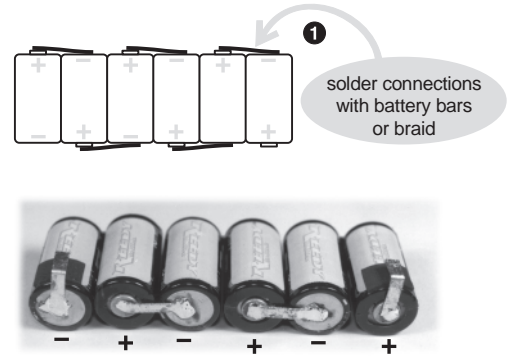
- 1 Install the three #9235 foam battery pads.
- 2 Install the two #9238 foam battery spacers. (The tuning section will show you how to adjust your steering or traction by moving these spacers.)
- 3 Install your battery pack. (See step 5 if you need to assemble it first.)
- 4 Thread on the #6929 screw. Aim the body clip hole across the chassis. Add the #9230 (9229*) battery hold down strap. Adjust the screw so the batteries are held tight, but you are still able to push the #6332 body clip through the screw.



PARTS REMOVED FOR CLARITY

SOLDERING INDIVIDUAL CELLS

- 1 Solder connections properly to assemble a battery pack from individual cells. **TIP:** Team racers prefer battery bars or braid for sturdier connections. Insulated wire will not allow the pack to fit in the battery slot.



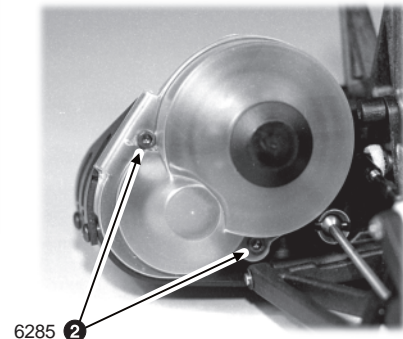
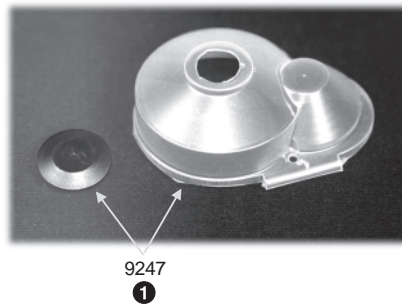
REAR ▶

BATTERY PRODUCTS ARE NOT INCLUDED IN KIT

step 2 RIGHT SIDE

GEAR COVER

- 1 Trim the #9247 gear cover, cutting out three holes shown. Insert the #9247 insert button into the large hole cut into the gear cover.
- 2 Mount the cover with two #6285 screws.

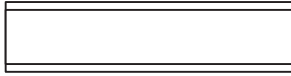


◀ **REAR**

BAG H

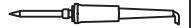
REMOVE THESE PARTS FOR:

Step 3



qty 1
servo tape

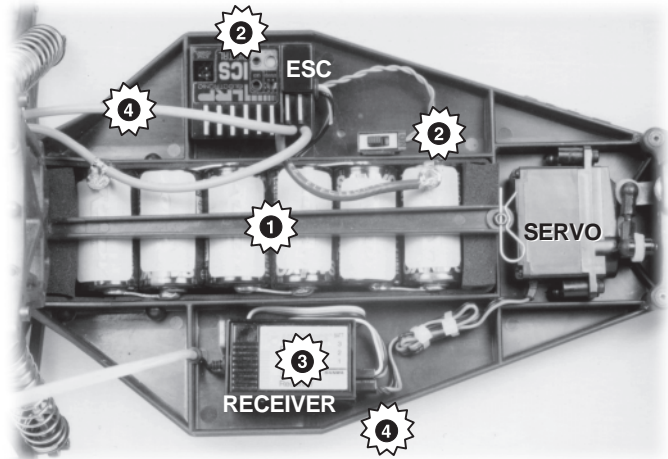
TOOLS USED



step 3

RADIO AND RECEIVER INSTALLATION

- 1 Install your battery pack as shown. If you need to assemble the battery, see step 1 #5 on page 21.
- 2 Cut a piece of servo tape and use it to attach your ESC and switch where shown.
- 3 Cut a piece of servo tape and use it to attach your receiver where shown.
- 4 Connect the ESC and steering servo to your receiver according to your radio or ESC instructions, then connect the motor to your ESC.



BAG H

REMOVE THESE PARTS FOR:

Step 4



6338, qty 1
antenna tube cap

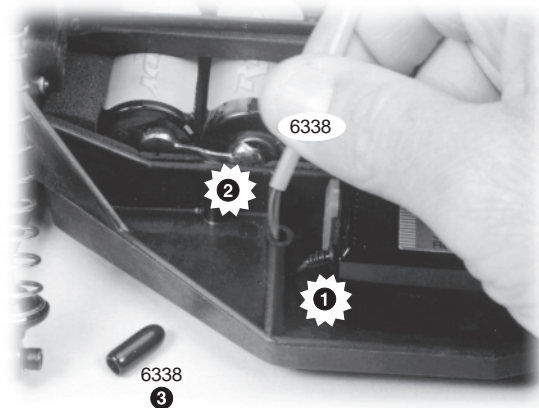


6338, qty 1
antenna tube

step 4

MOUNT THE ANTENNA

- 1 Push your receiver wire through the built-in antenna mount hole.
- 2 Thread the wire through the #6338 antenna and push the antenna firmly into the chassis' antenna mount hole.
- 3 Add the #6338 cap to the other end of the antenna tube.



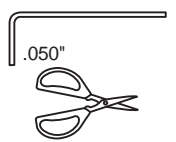
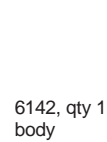
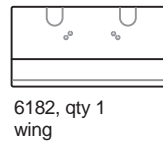
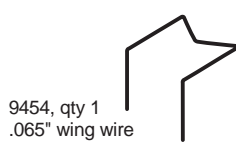
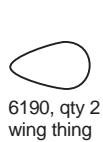
BAG H

BASIC & SPORT KITS ONLY

TOOLS USED

REMOVE THESE PARTS FOR:

Basic & Sport:
Step 5



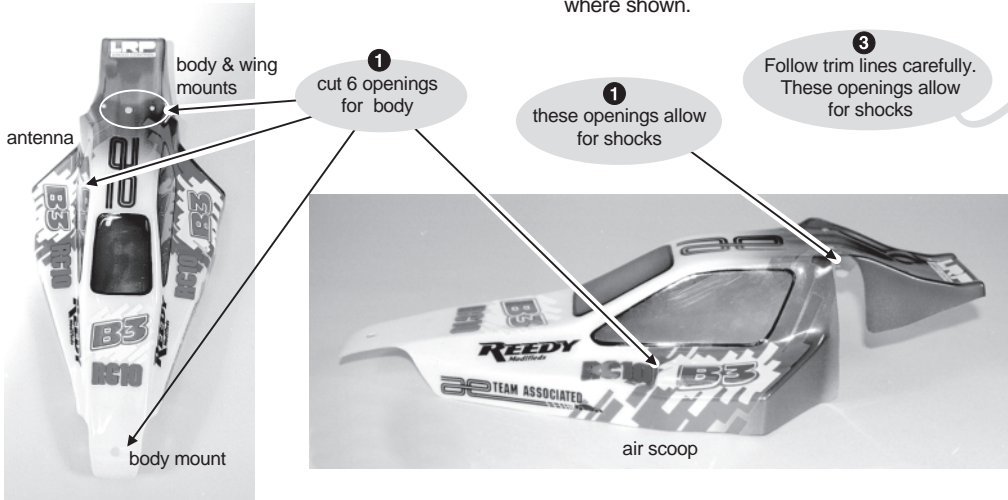
step 5

BODY MOUNTING

- Trim and paint the body. (See painting instructions on page 25 if you have not done this before.)
- Secure the #6142 body to the chassis with two #6332 body clips where shown.

WING ASSEMBLY

- Trim and paint the #6182 wing. Make two holes for the wing things.
- Insert the #6190 wing things. Insert the #9454 wire through the wing things.
- Secure the wire to the wing things with the #4436 set screws.
- Push wires through holes of rear shock tower where shown.



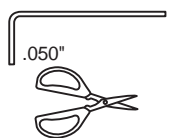
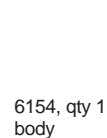
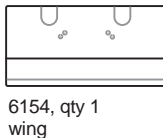
BAG H

TEAM & FACTORY TEAM KITS ONLY

TOOLS USED

REMOVE THESE PARTS FOR:

Team & F.T.:
Step 5



step 5

BODY MOUNTING

- Trim and paint the body. (See painting instructions on page 25 if you have not done this before.)
- Secure the front of the #6154 body to the chassis with one #6332 body clip where shown.

WING ASSEMBLY

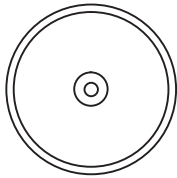
- Trim and paint the #6154 wing. Make one hole for the body mount.
- Insert the #6193B wing things as shown in above illustration. Insert the #9454 wire through the wing things.
- Secure the wire to the wing things with the #4436 set screws.
- Push wires through holes on rear shock tower and add a body clip where shown.



BAG I

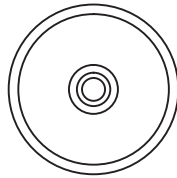
REMOVE THESE PARTS FOR:

Steps 1-2



Basic & Sport ONLY
9490Y, qty pr
1 piece rear wheels

Team & F.T. ONLY
9491, qty pr
Pro-Line rear wheels



Basic & Sport ONLY
9480Y, qty pr
1 piece front wheels

Team & F.T. ONLY
9482, qty pr
Pro-Line front wheels



6825, qty 2
Holeshot rear tire



6878, qty 2
M2 front tire



1:1

3438, qty 2
8-32 locknut



1:1

6222, qty 2
4-40/5-40
locknut



1:1

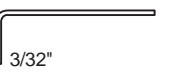
Basic & Sport ONLY
6599, qty 4
3/16 x 3/8
unflanged bushing



1:1

Team & F.T. ONLY
3977, qty 4
3/16 x 3/8
unflanged ball bearing

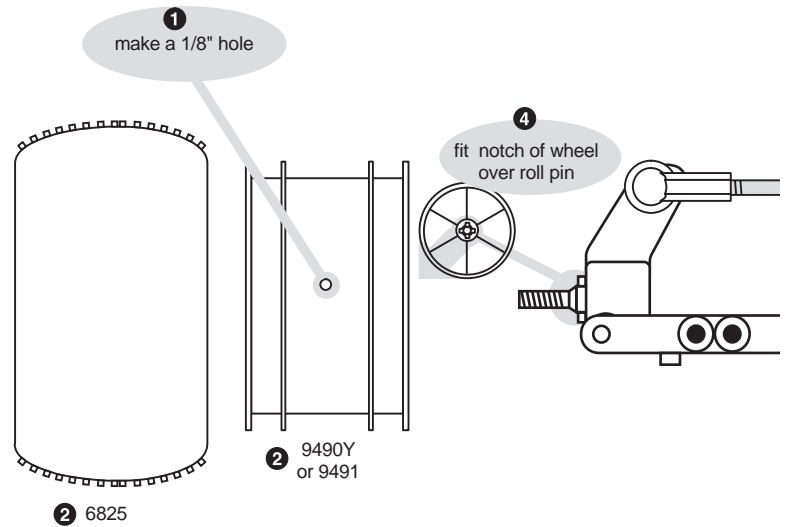
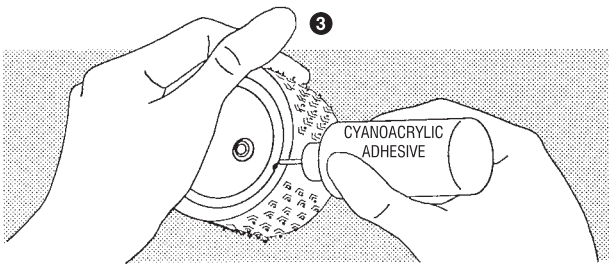
TOOLS USED



step 1

REAR WHEELS AND TIRES

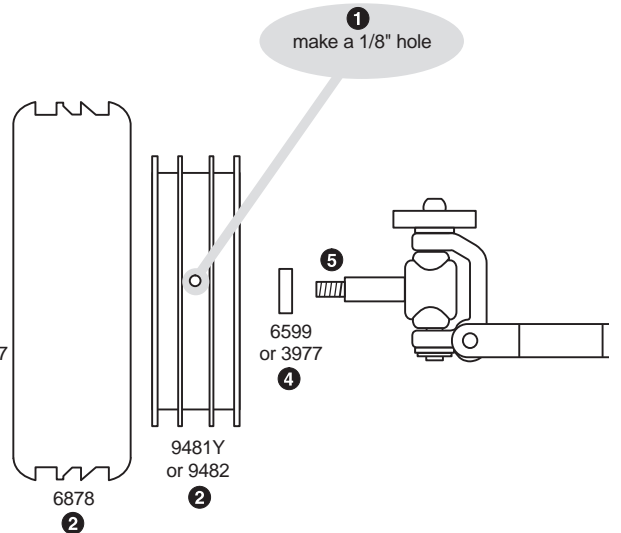
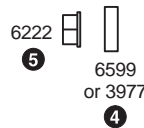
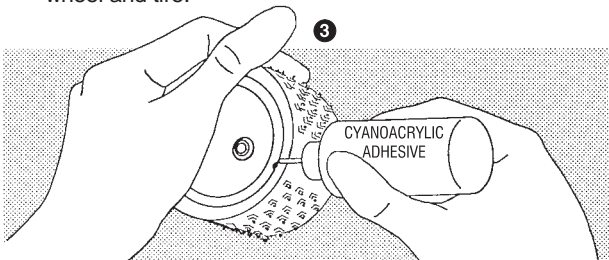
- 1 Make a 1/8" hole in the wheel. Make sure foam insert is centered in tire.
- 2 Install the #6825 tire to the #9490Y or #9491 wheel.
- 3 Glue the tire to the wheel with super glue (cyanoacrylic glue) in four spots around the tire on both sides. **WARNING!** Follow the adhesive manufacturer's instructions for proper use and safety. Wear eye and hand protection.
- 4 Install wheel onto axle, lining up roll pin with slot in the wheel. Thread on the #3438 locknut. Finish second rear wheel and tire.



step 2

FRONT WHEELS AND TIRES

- 1 Make a 1/8" hole in the wheel.
- 2 Install the #6878 tire to the #9480Y or #9482 wheel.
- 3 Glue the tire to the wheel with super glue (cyanoacrylic glue) in four spots around the tire on both sides. **WARNING!** Follow the adhesive manufacturer's instructions for proper use and safety. Wear eye and hand protection.
- 4 Insert the #6599 bushings or #3977 bearings into both sides of the front wheel.
- 5 Install wheel onto axle. Thread on #6222 locknut. Finish second front wheel and tire.



setup sheet for the RC10B3

TEAM ASSOCIATED

driver _____

track _____

date _____

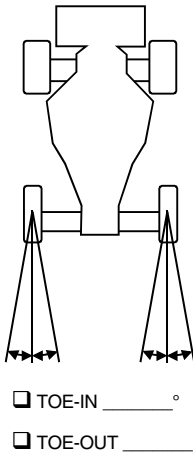
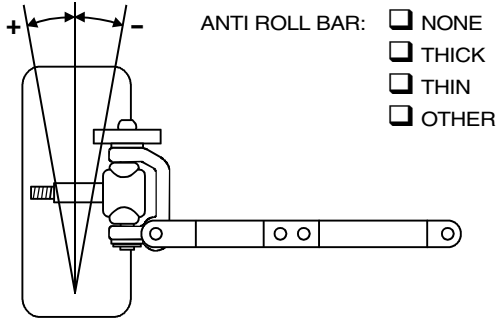
FRONT SUSPENSION

FRONT BLOCK CARRIER (caster setting)
 25° 30°

FRONT RIDE HEIGHT: _____

STEERING BLOCK _____

CAMBER _____



FRONT SHOCKS

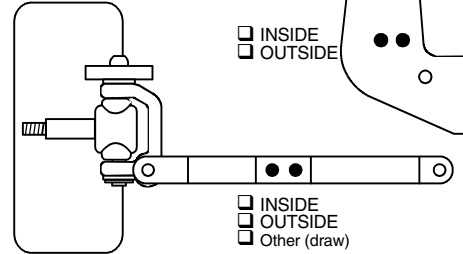
STD OTHER OIL _____ PISTON _____

BODY _____ SHAFT _____ SPRING _____

LIMITERS, inside _____ outside _____

NOTES _____

- INSIDE
- MIDDLE
- OUTSIDE
- Other (draw)



REAR SUSPENSION

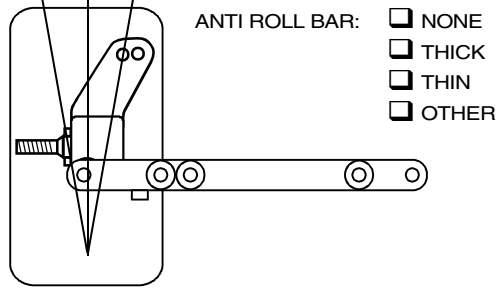
SUSPENSION MOUNTS: 2-3 3-3 3-0

WHEEL HUB: STANDARD OTHER

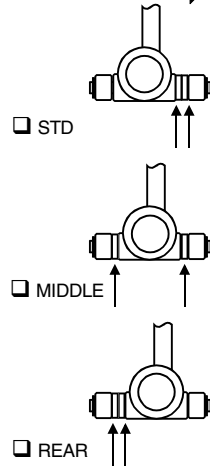
REAR RIDE HEIGHT: _____

ANTI-SQUAT STD OTHER _____

CAMBER _____



WHEEL HUB PLACEMENT **REAR**



REAR SHOCKS

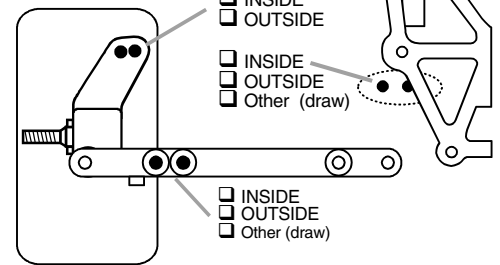
STD OTHER OIL _____

PISTON _____ SPRING _____

LIMITERS, inside _____ outside _____

NOTES _____

- INSIDE
- MIDDLE
- OUTSIDE
- Other (draw)



OTHER

TIRES & WHEELS

FRONT TIRES _____ FOAM _____

REAR TIRES _____ FOAM _____

FRONT WHEELS 1 PIECE 3 PIECE OTHER

CHASSIS STD SHORT LONG GRAPHITE

MOTOR, TRANSMISSION & ELECTRICAL

MOTOR _____ PINION _____ SPUR GEAR _____

DRIVESHAFTS _____

SLIPPER STD HYDRA VISCO OIL _____

BATTERY TYPE _____ PLACEMENT θ FRONT θ MIDDLE θ REAR

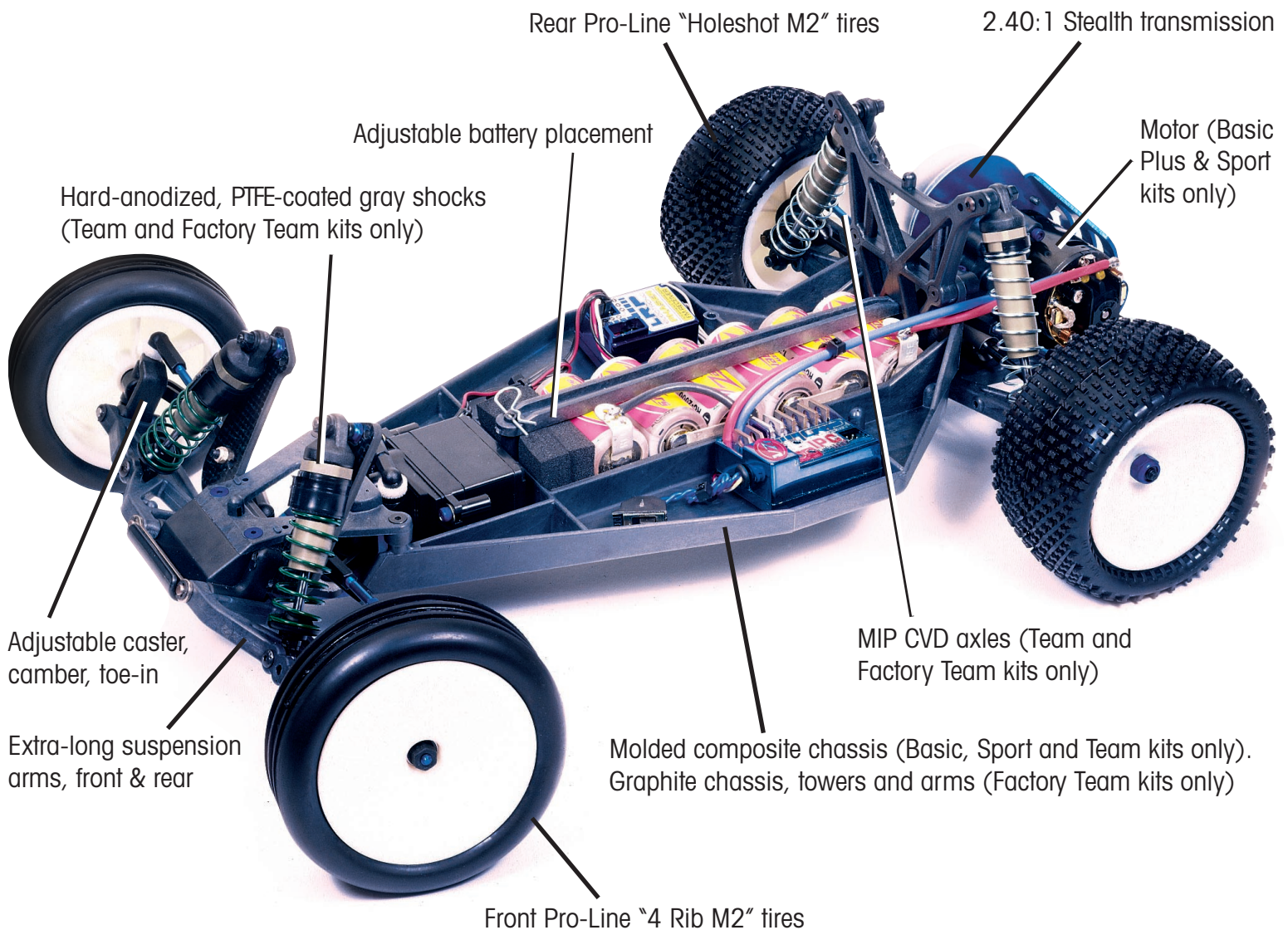
RADIO _____ SPD. CONT. _____ SERVO _____

COMMENTS/EXCUSES _____

RC10 B3

FEATURES

See page 2 for complete specs on what is included in each kit.
Factory Team Kit shown. Radio and electronics are not included in kits.



TEAM ASSOCIATED RECOMMENDS



Factory Team performance parts



Reedy Modifieds motors & batteries



LRP digital speed controls