❑ **Fig. 180** In Bag #6-7 are 2 Allen screws with cross drilled holes in the heads. Install these in the 2 forward holes in the battery trays, where the arrow is pointing. Do not tighten the screws all the way down, but leave them up about .025 (65mm). Then in the other 2 rear holes install the other 2 regular Allen screws. Do not tighten these all the way either, but leave them up about .080 (2mm). Now, attach the switch to the side of the chassis, as shown, with servo tape. Mount the switch down low so the toggle doesn't hit the body.

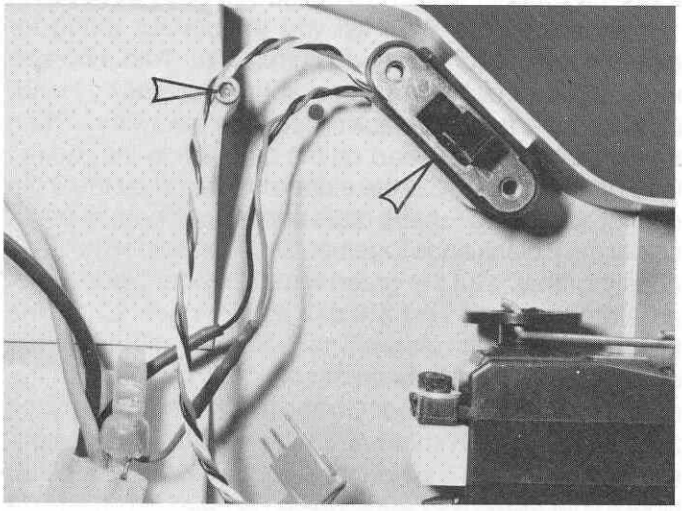


Fig. 180

❑ **Fig. 181** There should be enough room to mount the receiver between the servo and battery trays, as shown. Put about 4 layers of servo tape on the bottom of the receiver and stick it to the chassis. If you have a bigger servo or receiver, stand the receiver on its side and mount it.

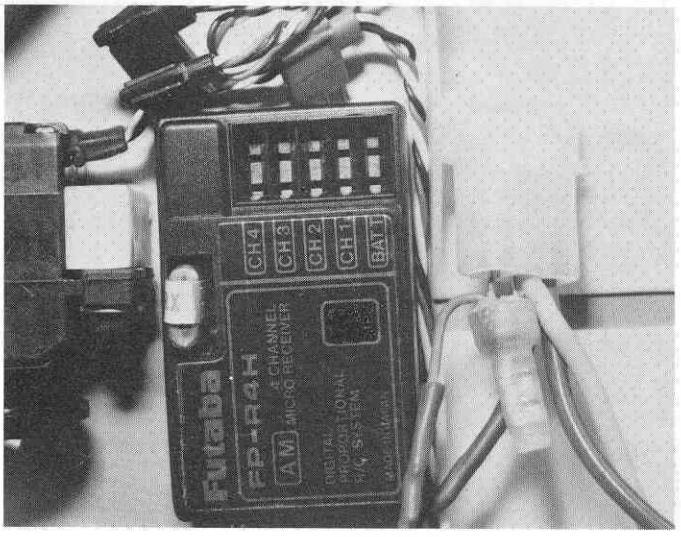


Fig. 181

❑ **Fig. 182** Install the wire plug from the switch into the battery socket in your receiver. Install the steering servo plug into the proper socket and then install the throttle servo plug into the proper socket per your radios instruction manual. Take the long plastic antenna tube and install it into the large hole in the #6338 antenna mount. The round end of the mount is the bottom.

The tube will fit tight, but it will go in. Now, from the bottom of the tube, feed the receiver antenna wire up through the tube, from the bottom. Push the wire up through the top about 1" (25mm) and tie a knot in it. Now attach the antenna mount in the location shown. Any excess antenna wire can be stowed by the mount, as shown. There are a few extra holes in the bottom of the chassis which will not be used. Cover these holes, from the top, with cellophane tape or the servo tape and this will help to keep the dirt out of the car.

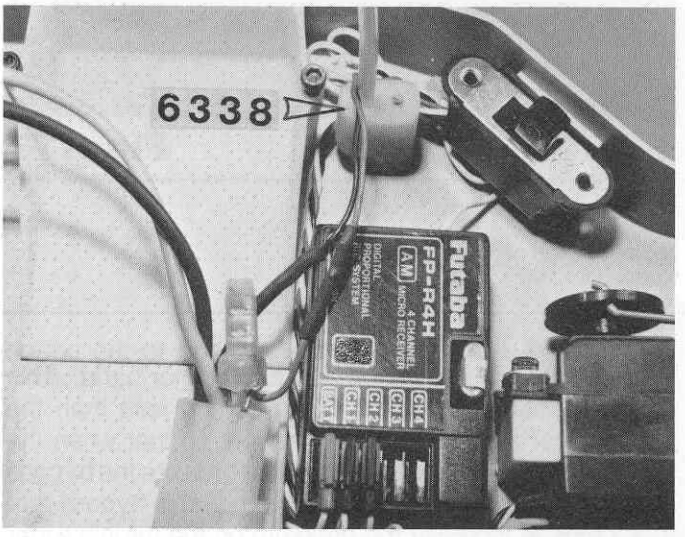


Fig. 182

❑ **Fig. 183** Now we'll assemble the batteries. You'll notice there should be one positive and one negative end on each end of the battery pack. There is also a battery assembly drawing page in the back of these instructions. Attach the 2 battery sticks together with servo tape, as the photo shows so the tabs can be soldered together. If the tabs are too short, connect them with a piece of wire and rosin core solder together, as shown.

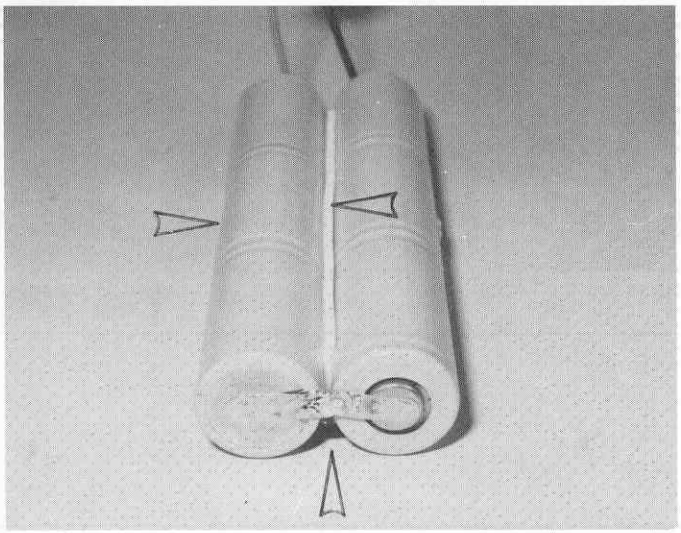


Fig. 183

❑ **Fig. 184** In this photo, the arrow is pointing to the negative side. Solder the black wire to this tab, as shown.

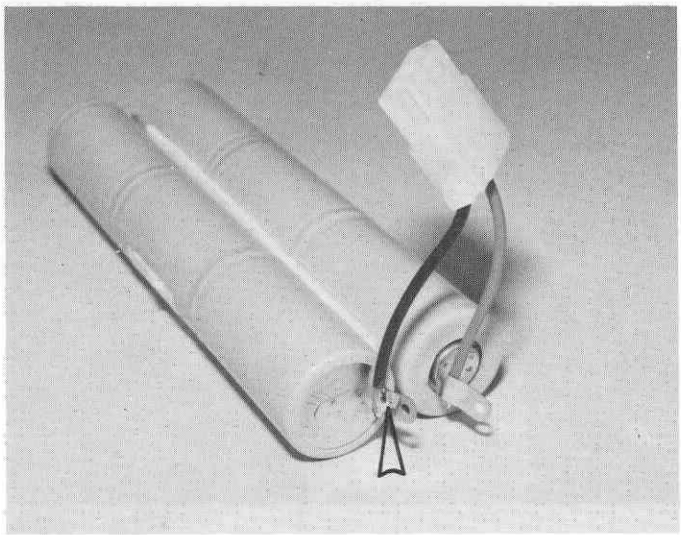


Fig. 184

❑ **Fig. 185** In this photo, the arrow is pointing to the positive end. Solder the red wire to this tab and then bend the tabs back flush as close as possible.

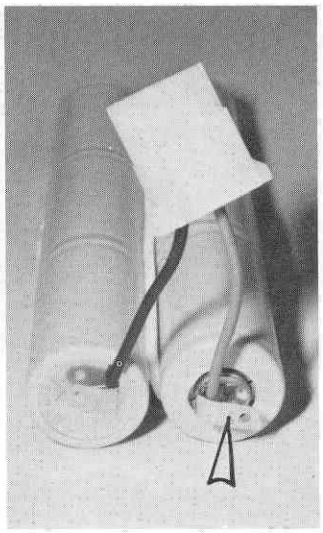


Fig. 185

❑ **Fig. 186** Now wrap both ends of the battery with strapping tape or black electrical tape, as shown.

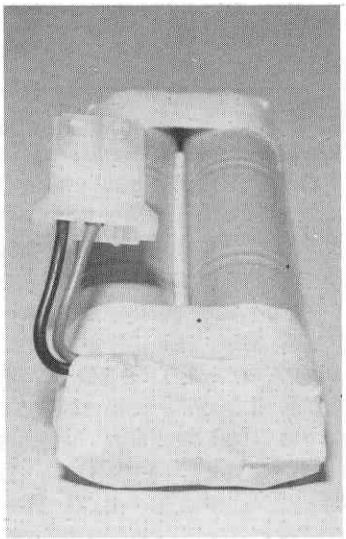


Fig. 186

❑ **Fig. 187** In Bag #8-6 is the #3736 battery charge cord. We'll have to solder the ends to the wires. The arrows, in the photo, are pointing to the positive (+) connection. This is the silver appearing wire, not the black wire. There is a clear plastic coating on this wire, which is very hard to see. Take your Xacto knife and scrap off this clear coating on the end for soldering. Slip the red tube on the wire. Now solder the wire to the clip as shown. If you have a small soldering iron, you'll have to hold it on awhile longer to heat up the clip. Now solder the black negative (-) wire to the other clip using the black tube. In the back of these instructions is a page on charging batteries. Read it carefully and charge the battery pack. Also make sure the batteries in your radio transmitter are charged.

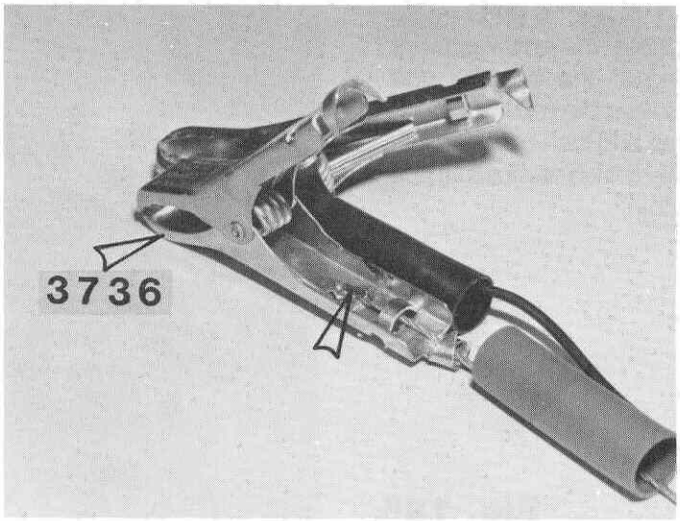


Fig. 187

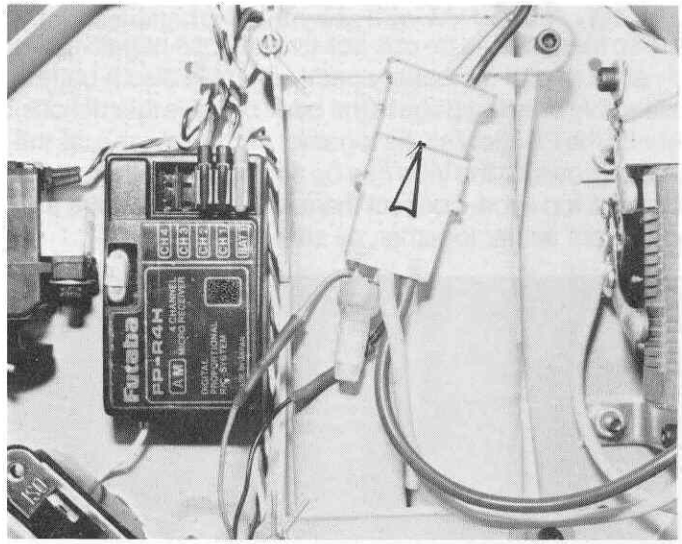


Fig. 188

❑ **Fig. 188** Slip the charged batteries into the radio tray, as shown. In Bag #6-7 are the 2 battery straps and 4 clips. Slip the keyhole end of the straps, over the rear screws in the battery trays. Then pull them forward so the slotted end slips under the screw head. Slip the forward end of the straps over the forward screws and put 2 clips through the screw heads. Take your charged radio transmitter, pull the antenna up and turn the transmitter switch on. Plug the battery plug into the wiring plug as the arrow shows. If your servos moved then your switch was in the "ON" position. Make sure your switch is correctly marked "OFF" and "ON". Turn your switch on for ONE SECOND and turn it off. Refer to photo 175. See if your resistor arm is close to this position. If it is not, unscrew the wiper arm off the servo wheel. Turn the switch on. Advance the throttle arm on the transmitter. See if the servo arm rotates in the proper direction. If it doesn't turn the car switch off and transmitter off.

Install the wiper arm on the servo arm in the exact location shown in photo 175. Turn the transmitter on and the car switch on. The wiper arm should now be exactly like in photo 175. Pull the throttle half way. The wiper arm should now be close to photo 176. Pull the throttle all the way open. The wiper arm now should be exactly as shown in photo 177. This can be accomplished by setting the end point adjustment on your transmitter per your radio manual. Now refer to photo 143. Turn your transmitter steering wheel to the right. Your wheels should turn to the right. If not, you'll have to reverse the steering servo, as before. Now you'll want to get the #6256 linkage centered, as shown. You may have to change the hole location on the servo wheel.

❑ **Fig. 189** Turn the car switch OFF. Plug the motor plug into the wiring socket, as shown, then tie a small tie wrap around the wiring socket and wing tube. This will keep the wires away from the tires.

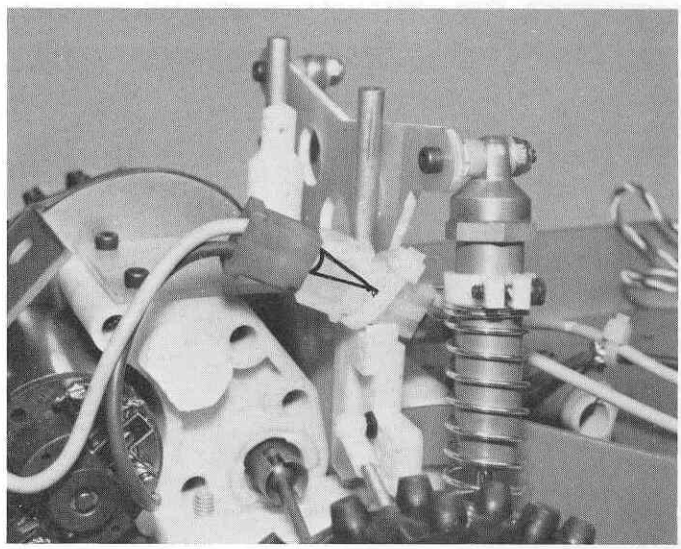


Fig. 189

❑ **Fig. 190** Take the front wheels and tires out of the bag. We want to put the large plastic ring inside the tire as shown. Work the ring into the tire until it is seated evenly. Tires vary a lot. Some will go on quite easily, and some will be quite difficult to install. On the tough ones, soapy water, like dish washing soap, will help the rubber to slip easier and will make mounting the tires much easier. Be sure to rinse off the soap and then dry the tires thoroughly.

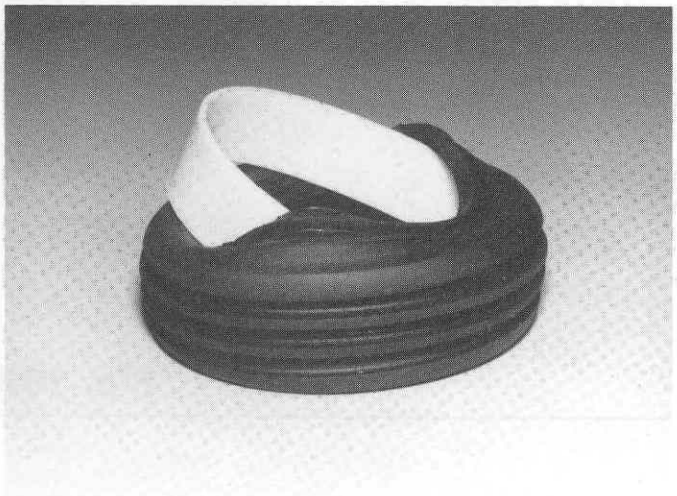


Fig. 190

❑ **Fig. 191** The front tire, #6854, with the ring inside. Make sure it's perfectly centered.

Fig. 191

❑ **Fig. 192** Take the inside half of the front wheel, as shown, and push it into the front tire making sure it is seated all the way around, and centered perfectly.

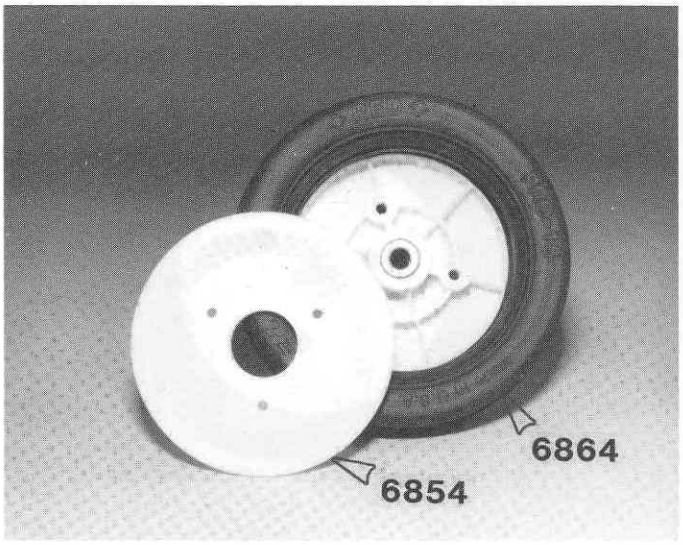


Fig. 192

❑ **Fig. 193** Turn the tire over and install the inside half of the wheel. Make sure the screw holes are in line.

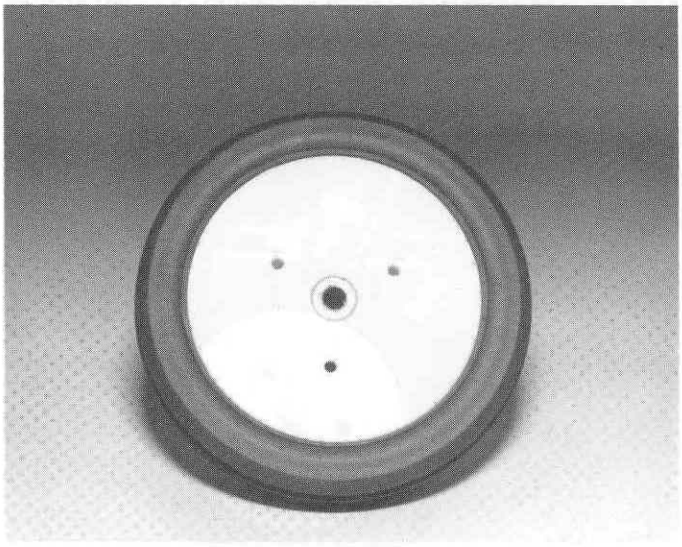


Fig. 193

❑ **Fig. 194** Install the 3 Allen screws. DO NOT over-tighten these screws. Install the inside and outside #6863 wheel bushings or ball bearings.

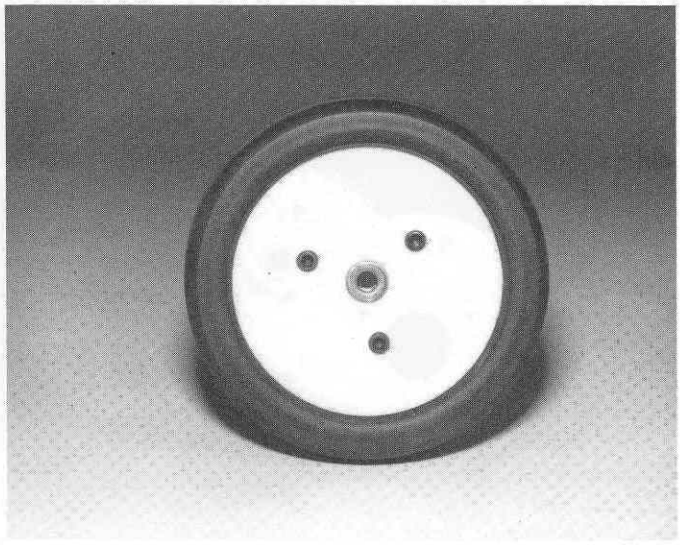


Fig. 194

❑ **Fig. 195** Oil the bushings and slip the wheels on the front axles. Spin the wheels. They should spin true. If not, re-mount the tires. Then install the steel flat washer and the locknut on each wheel.

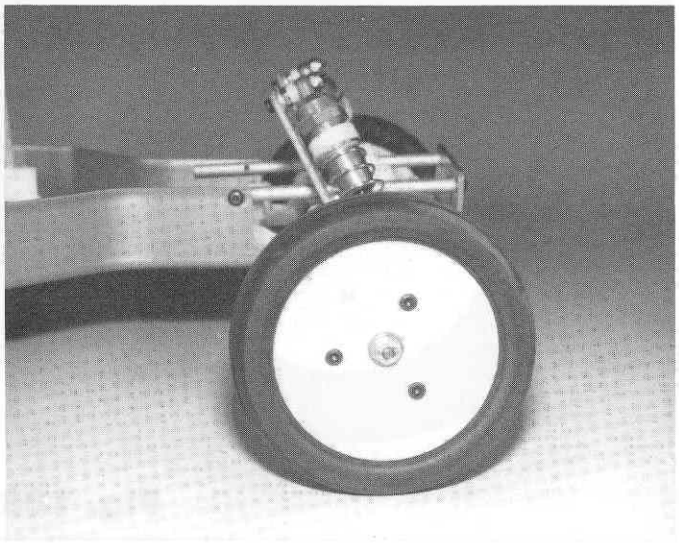


Fig. 195

❑ **Fig. 196** Take the rear tires, #6804 and slip the wide plastic rings inside the tires.

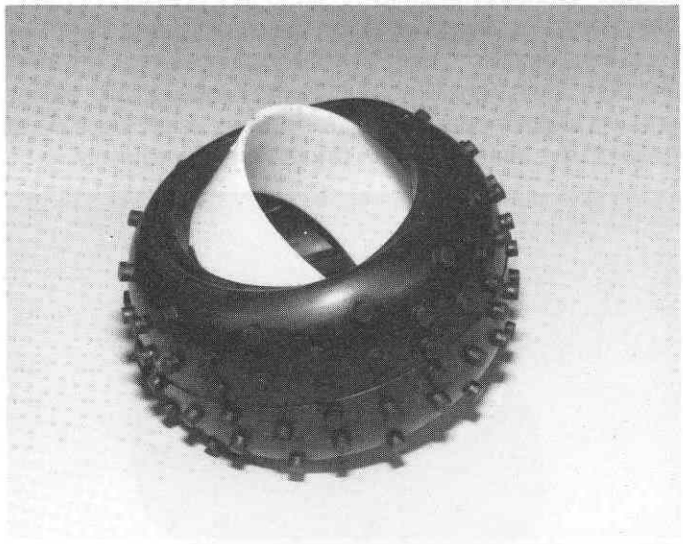


Fig. 196

❑ **Fig. 197** They then should look like this.

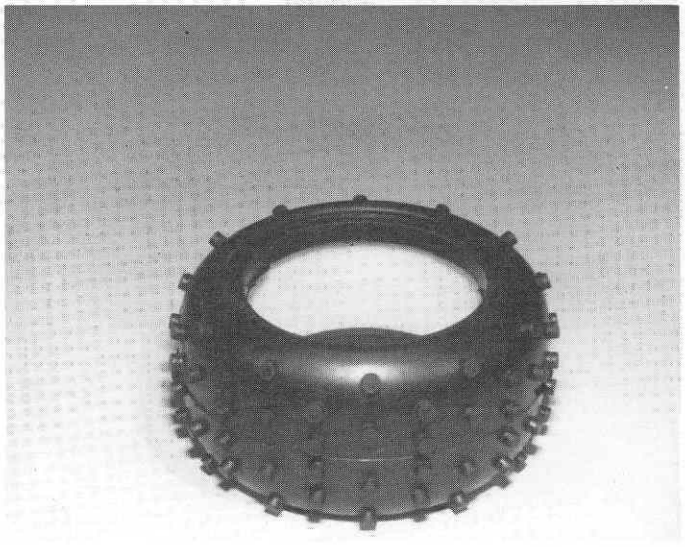


Fig. 197

❑ **Fig. 198** Take the inside half of the wheel and slip it inside the inside side of the tire, as shown, and make sure it's fully seated and centered perfectly.

Fig. 198

❑ **Fig. 199** Now take the outside half of the wheel and slip it inside the other side of the tire. Make sure the screw holes are lined up. Install the screws. Do not over-tighten.

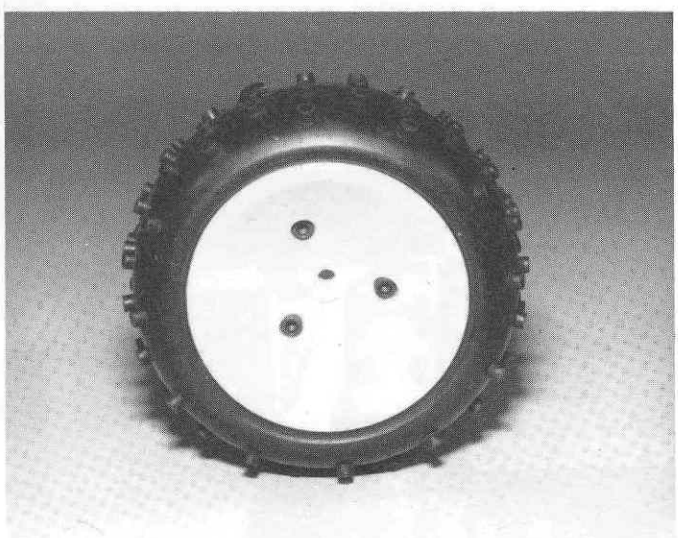


Fig. 199

❑ **Fig. 200** Slip the wheels on the rear axles. If they go on tight, screw them on the axle making sure the slot in the wheel aligns with the pin in the axle. Screw the locknut on. Some rear wheels will go on the axles a little tighter than others. When you're ready to remove the wheel, remove the nut, hold the wheel from the backside and tap the end of the axle until the wheel moves a little bit. Then you can simply unscrew it off the axle. I know you can't wait to see if the car runs, so turn the transmitter on, hold the car up by the center of the chassis, with your hands away from the rear tires, and turn the switch on. Touch the throttle just a little way and see if the tires turn forward. If everything's O.K., go ahead and play with the car a little while, but be careful!

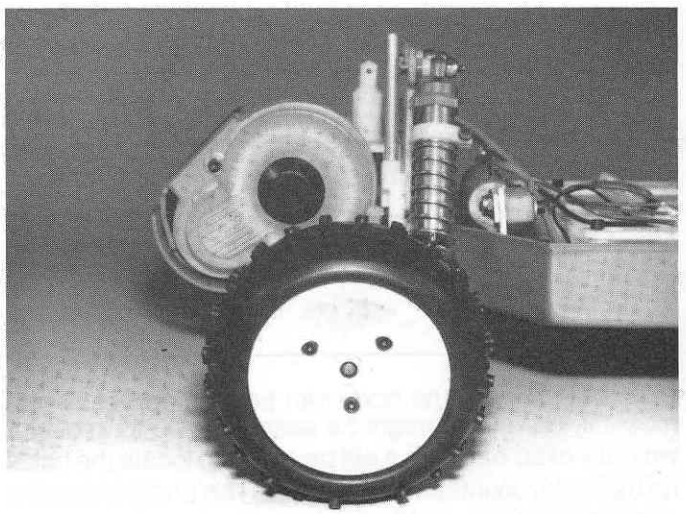


Fig. 200

❑ **Fig. 201** The driver can be painted to look quite life-like. If you paint the helmet and visor on the inside, they will have a glossy appearance. Then if you paint the rest on the outside, it will be very life-like. You can use the small brush on paint bottles available in hobby stores. The driver should be trimmed as shown, then it will slide up into the body, and 2 pieces of tape will hold it in place.

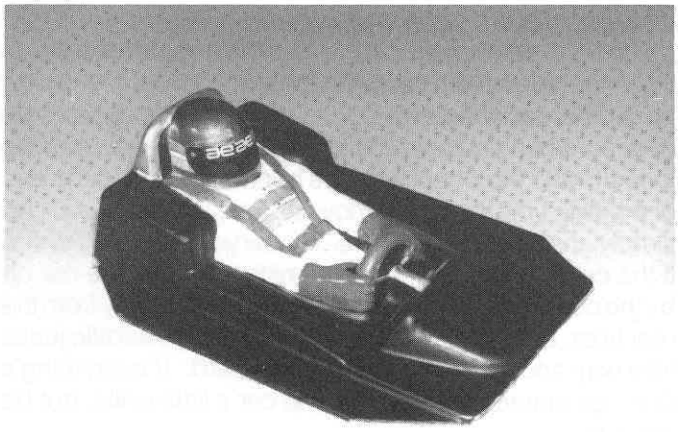


Fig. 201

❑ **Fig. 202** The body can be painted before you mount it, however it might be easier for you to mount it while it's clear because it will be easier to locate the holes for the body mounts and wing tubes. This photo shows the trim lines for the front of the body and the front body mount hole.

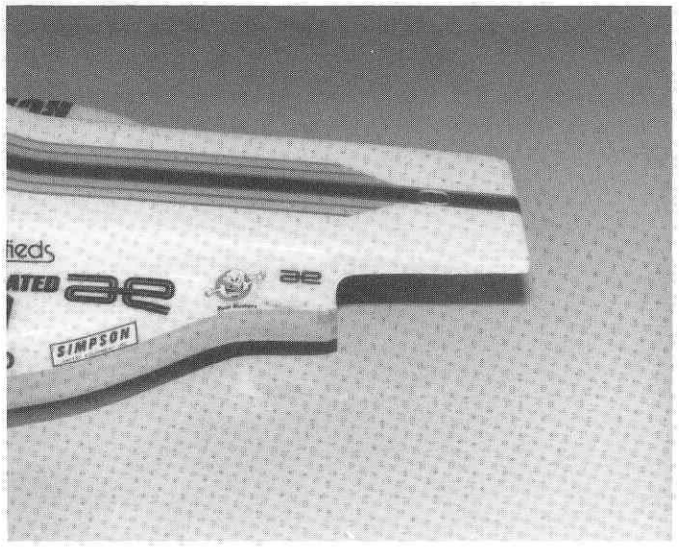


Fig. 202

❑ **Fig. 203** The rear of the body must be trimmed like this to clear the shocks.
NOTE: Save the trimmings to use for testing paint.

Fig. 203

❑ **Fig. 204** Trim a little of the body and slip it on. Keep trimming a little at a time until it clears the shocks. Cut out the body mount hole and the 2 wing tube holes. When you've got the body fitted, it's time to paint the body and wing. The body is painted on the inside and the wing is painted on the underside. There are 2 different ways to paint the body. By either brushing it on or spraying it on. The body is made of Lexan polycarbonate. In hobby shops, you can find special Lexan or polycarbonate paints made for these type bodies, to brush on. Do not use any other type brush-on paints. If you want to spray it on, one of the best type of spray paints for Lexan or polycarbonate is Pactra, available in most hobby shops.

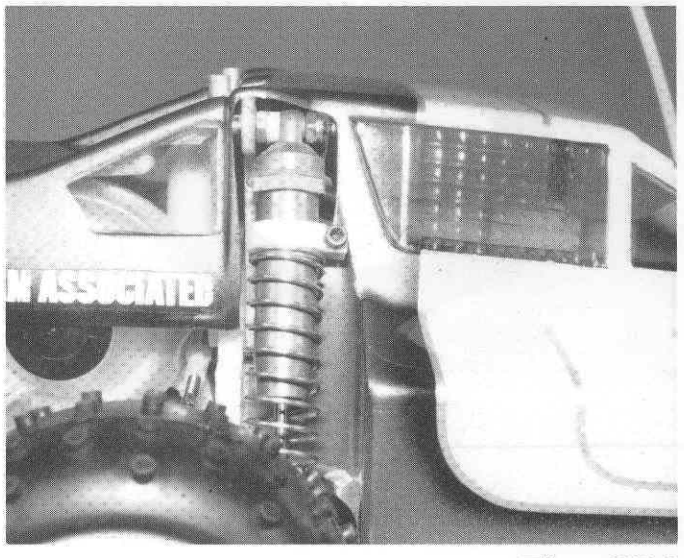


Fig. 204

❑ **Fig. 205** Now you'll have to figure out your paint scheme and mask the body off. Use automotive masking tape for best results. You always want to paint the darkest color first, and the lightest color last. So, in the case of this wing, the darkest color, which is towards the top of the photo, would be painted first. This means the first thing you mask off is the section which will be painted white. The next section you mask off is the lightest color next to white and so on. After you've painted the darkest color, you peel off the next layer of masking tape and paint the next lighter color and so on. When you paint the body, put some masking tape on the outside of the body at the body mount holes and wing tube holes and at the shock cutout holes so the excess spray does not get on the outside of the body.

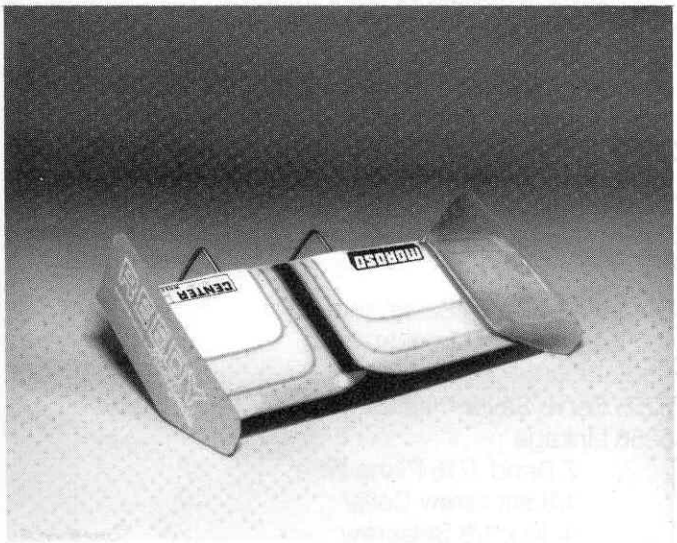


Fig. 205

❑ **Fig. 206** Mount the wing as shown in the instructions in the wing bag.

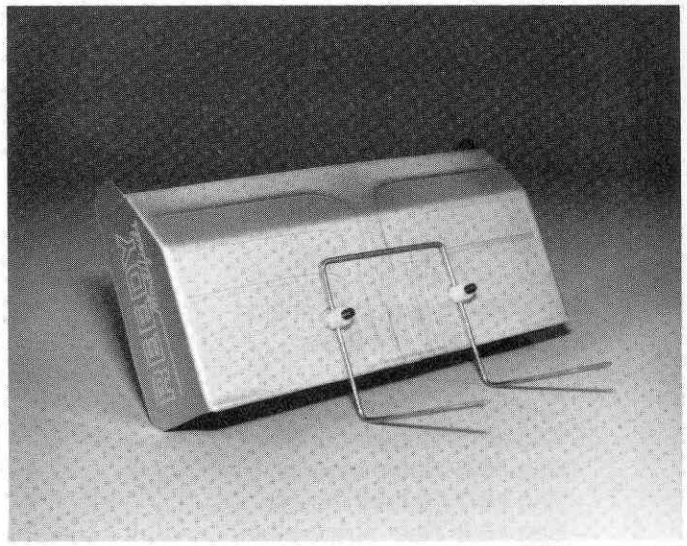


Fig. 206

❑ **Fig. 207** Mount the body, with the body clips and wing, on the car, and then pat yourself on the back. YOU DID FANTASTIC!!

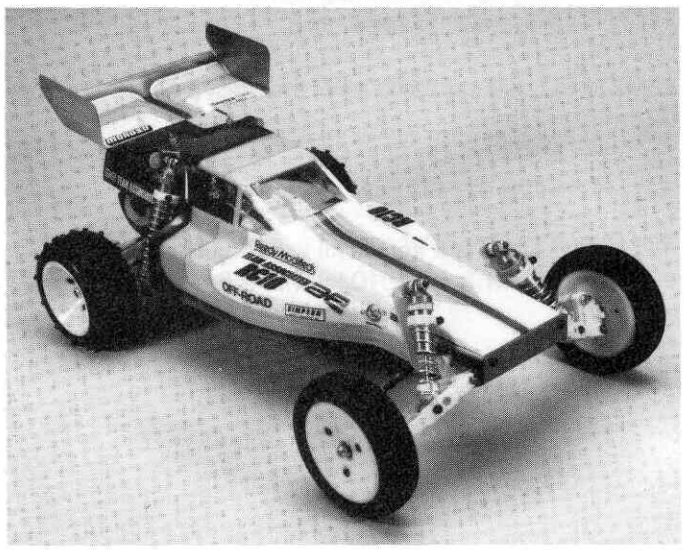


Fig. 207

PARTS LIST

#6000 BASIC KIT contains the following:
- Chassis
- Rear wheels/tires
- Front wheels/tires
- Antenna kit
- Dif Lube
- Shock wrench/ball joint tool
- Headlamp set
- Knock-off set
- Bag #6-1 Front suspension
- Bag #6-2 Servo Saver

NO BAG #6-3 REQUIRED
- Bag #6-4 Chassis parts
- Bag #6-5 Body mounts
- Bag #6-6 Servo mounts
- Bag #6-7 Battery mounts
- Bag #6-8 Rear suspension
- Bag #6-9 Rear shocks
- Bag #6-10 Front shocks
- Bag #6-11 Springs and oil
- Bag #6-12 Transmission

NO BAG #6-13 REQUIRED
- Bag #6-14 Ball ends
- Bag #6-15 Gears

#6012 FULL KIT contains the following additional items:
- Motor
- Servo tape
- Wire ties
- Bag #6-13 Electrical items
- Bag #806 Charge cord

#6010 FULL KIT contains all of the above plus the following:
- Body
- Wing kit

#6016 FULL KIT is a #6010 kit with ball bearings
#6020 FULL KIT is a #6010 kit with a 6-cell ni-cad pack

RC10 KIT CONTENTS

BAG 6-1 - Front Suspension Bag

6206 Front A arms "wide track"	pr
6207 Front Suspension Mount	pr
6213 Front Block Carrier 15 degpr	
6217 In line Axle Steering Blk	pr
6218 In line Front Axle	pr
6223 King Pin	pr
4-40 shcs special for front shock mounting	pr
6226 Inner Hinge Pin	
6227 Outer Hinge Pin	
6231 Front Shock Strut Wide "A" arms	
4-40 x 1 3/4 Turnbuckle	pr
6242 4-40 Nylon Insert Locknut	pr
3216 #4 Steel Washer	pr
6280 8-32 x 1/2 100 deg Alum Fthd Phillips Green	6
4-40 x 1/2 S.H.C.S.	2
6299 E Clips	16

BAG #6-2 - Servo Saver and Steering Linkage

6255 Servo Saver Plastic Only	
6256 Linkage	
Z Bend 1/16 Piano Wire	2
1/8 set screw Collar	2
4-40 x 1/8 Setscrew	2
4-40 x 2.06 Turnbuckle (Tie Rod)	2
4-40 x 1.00 Turnbuckle	1
6281 8-32 x 7/8 100deg Alum Fthd Phillips Green	2
8-32 Nylon Locknut	2
#10 Alum Washer	2

BAG #6-4 - Chassis Parts

6310 Nose Piece	
6320 Nose Brace Tubes	
6323 Rear Bulkhead	
6325 Transmission Brace	
6327 Wing Tubes	
6280 8-32 x 1/2 100deg Alum Fthd Phillips Green	2
8-32 x 1/4 100deg Steel F.H.P. Silver	1
6288 4-40 x 1/4 B.H.C.S.	4
4-40 x 1/2 S.H.C.S.	6
#4 Alum Washer	4
6378 Rear Shock Strut	

BAG #6-5 - Body Mount Kit

6330 Plastic Body Mount Post	2
6332 Hood Pins	4
#10 Alum Washer	4
6280 8-32 x 1/2 100deg Alum F.H.P. Green	2
6281 8-32 x 7/8 100deg Alum F.H.P. Green	1

BAG #6-6 - Servo Mount Kit

6336 Servo Mount Plastic	4
6292 4-40 x 3/8 F.H.S.C.	4
4-40 x 5/16 B.H.C.S.	8
#4 Alum Washer	10

BAG #6-7 - Battery Cup

6334 Battery Cup	pr
6335 Battery Holddown Strap	2
6332 Hood Pins	4
4-40 x 1/2 F.H.S.C.	4
4-40 x 3/8 S.H.C.S. W/hole	2
4-40 x 3/8 S.H.C.S. Pln 2	

BAG #6-8 - Rear Suspension Kit

6355 Rear A Arms	pr
6360 Rear Suspension Mounts	pr
6366 3deg Rear Hub Carriers	2
6370 Rear Dogbones	2
6372 Dogbone Spring/Spacer	2
6374 Rear Stub Axle	2
6375 Stub Axle Roll Pin	2
6380 Rear Inner Hinge Pins	pr
6381 Rear Outer Hinge Pins	pr
4-40 x 1 3/4 Turnbuckles	2
6387 Bronze Oilite Bushing/w Washer	pr
6388 Cone Washer	pr
6280 8-32 x 1/2 100 deg Alum Flathead	4
4-40 x 5/16 S.H.C.S.	4
6299 E Clip	16
8-32 Nylon Insert Alum Locknut	2

BAG #6-9 - Rear Shock Bag

6452 Rear Shock Body .4x132	2
6463 End Cap	2
6458 Shock Shaft 1.32 Stroke	2
6464 Piston	2
6467 Rebuilt Kit ("O" ring washer bag) #6468 Nylon Gasket	2
Nylon Spacer	2
Large Washer	2
Small Washer	2
Snap Ring	4
50 Shore Silicone "O" Ring	4
#6299 E Clips	8
6470 Mounting Kit Includes 6471 Rod Ends w/.230 Balls	
6473 Cap Bushings	2
4-40 x 3/4 S.H.C.S.	4
4-40 Plain Hex Nut	4
4-40 Nylon Insert Locknut	4
#4 Alum Washer	4
Nylon Spacers	6

BAG #6-10 - Front Shock Bag

6454 Shock Body .71 Stroke	2
6463 End Cap	2
6460 Shock Shaft .71 Stroke	2
6464 Piston	2
6467 Rebuild Kit (See Bag 6-9)	
6470 Mounting Kit (See Bag 6-9) Nylon Spacers	

BAG #6-11 - Oil, Springs, Clamps

5414 30 wt Shock Oil	
6478 Spring Rear 2.75 x .042 Silver	2
6479 Spring Rear 2.75 x .045 Gold	2
6496 Spring Front 1.3 x .042 Silver	2
6497 Spring Front 1.3 x .045 Gold	2
6474 Clamps and Cups includes	
Spring Clamp	4
Spring Cup	4
4-40 x 3/8 S.H.C.S.	4

BAG #6-12 - Transmission Bag

6605 Gear Case Housing

6606 Bearing Adapters	
6607 Motor Mount Plate	
6608 Dust Cover w/Plastic Plug	
6609 Drive Gear Pivot w/Nut,Roll Pin	
6610 Idler Gear Pivot w/washer,clip	
#6635	
6611 Spine Plate	
6612 Axle Drive Gear	
6614 Idler Gears w/0-80 x 3/16	
S.H.C.S.	10
6617 Dif Tube	
6618 Dif Shaft w/6620	
6621 Dif Pinion Right goes w/6617	
6623 Teflon Bushings	
6624 Dif Outer Hub	
6625 Dif Drive Rings	
6626 1/8 Grade 25 Chrome Steel	
Balls	8
6627 Thrust Bearing Set includes	
Thrust Washers w/small hole	
Thrust Washers w/large hole	
1/8 Thrust Bearing	
6628 Dif Spring	
6629 5-40 Locknut	
6630 Oilite Bushing Set includes	
3/16 x 5/16 Short	3
3/16 x 5/16 Long	2
1/4 x 3/8 Thin	1
6633 Felt Seal Retainer w/Seals	
6280 8-32 x 1/2 100deg Alum	
F.H.P.	4
4-40 x 1 S.H.C.S.	3
4-40 x 5/8 S.H.C.S.	1
4-40 X 3/16 B.H.C.S.	2
6285 4-40 x 1/4 S.H.C.S.	2
6299 E Clips	12
Snap Rings	4
Small Pattern 4-40 Nut	1

BAG #6-13 - Electrical Bag

6711 Resistor	
6712 Wiper Arm	
6713 Resistor Mounting Brkt incl.	
Straight Bracket	1
"L" Bracket	2
6714 Bypass includes	
Bronze Bypass	1
Nylon Mounting Block	1
3" Wire	1
4-40 x 3/8 S.H.C.S.	1
4-40 x 1/2 S.H.C.S.	1
2 #4 Alum Washer	1
6744 Wire Harness Input	
6745 Wire Harness Output	
Misc Hardware includes	
Yellow Bypass	
4 Nylon Spacers	
#2 x 1/4 Panhead Screw	2
4-40 x 1/2 F.H.S.C.	2
4-40 x 3/8 F.H.S.C.	2
4-40 Nylon Insert Locknt	4
#2 Washers	2

BAG #6-14 - Ball End W/Cups

6273 Ball End Long	6
6270 Ball End Short	8
4-40 Plain Hex Nut	8
6274 Plastic Ball Cup	14

BAG #6-15 - Gear Bag

6653 54T Gear Spur	
6660 14Tooth Pinion Gear	
4-40 x 1/8 S.S.	
6955 Turnbuckle Shock Wrench	
6191 Headlights & Knockoffs	
6338 Antenna Mount and Tube	
6636 Dif Lube	
6950 Allen Wrench Set	
Wire Ties 4"	
3714 Servo Tape	

6500 Stock Motor w/Leads	
6300 Chassis	
6173 Protech II Body	
6182 High Down force Wing Kit	
6180 Clear Driver	

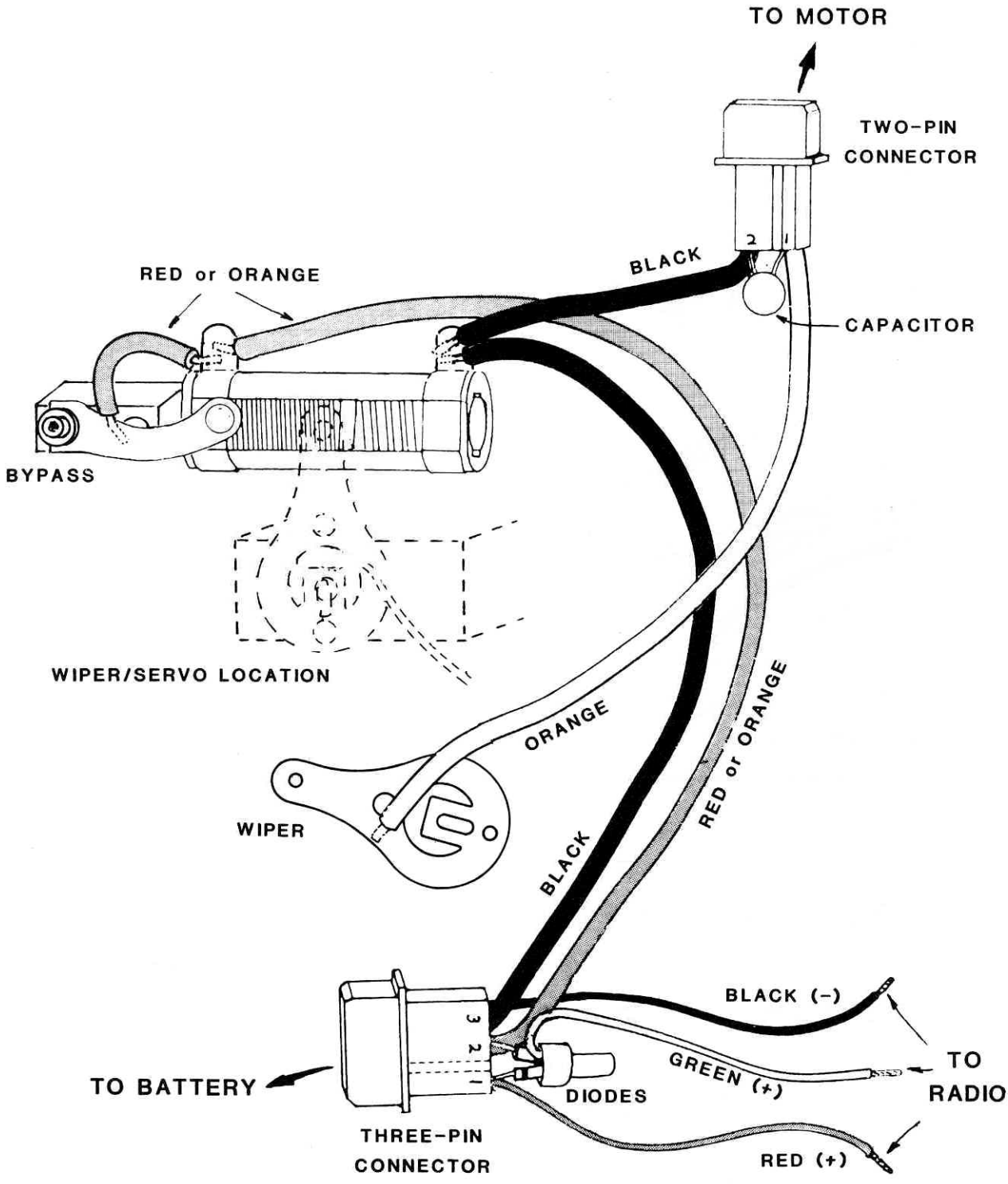
REAR WHEEL

6804 3 pc Low Profile Rim	2
Rear Tire	2
4-40 x 3/8 S.H.C.S.	6

FRONT WHEEL

6854 3 pc Low Profile Rim	
Front Tires	
3/16 x 3/8 Bushing Bronze	
Oilite	4
4-40 x 3/8 S.H.C.S.	6

RC10 WIRING DIAGRAM



NOTE: Use green and black radio leads with 6-cell pack. Use red and black radio leads with 7-cell pack.

Fig. 208

BATTERY WIRING

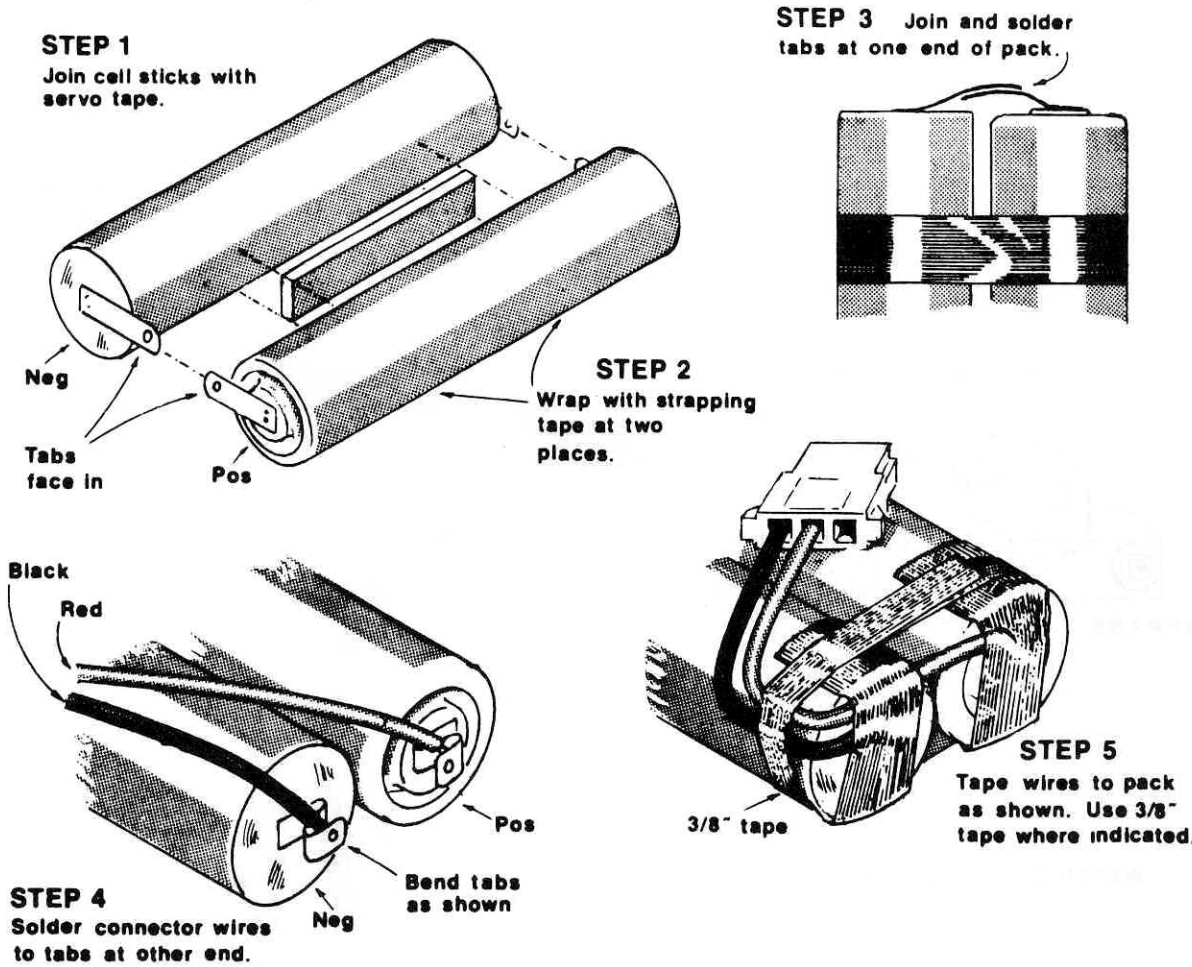


Fig. 209

RC10 CIRCUIT SCHEMATIC

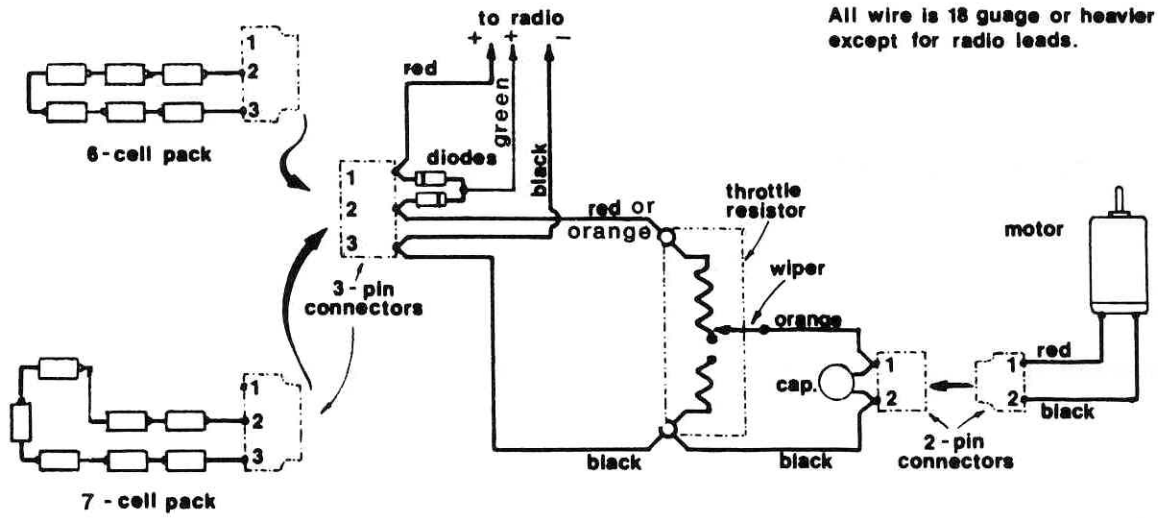


Fig. 210

SAVE THIS BOOKLET!!

MORE THAN AN INSTRUCTION MANUAL, IT'S ALSO A HANDY, PICTORIAL SUPPLEMENT TO TEAM ASSOCIATED'S 1/10 SCALE CATALOG.

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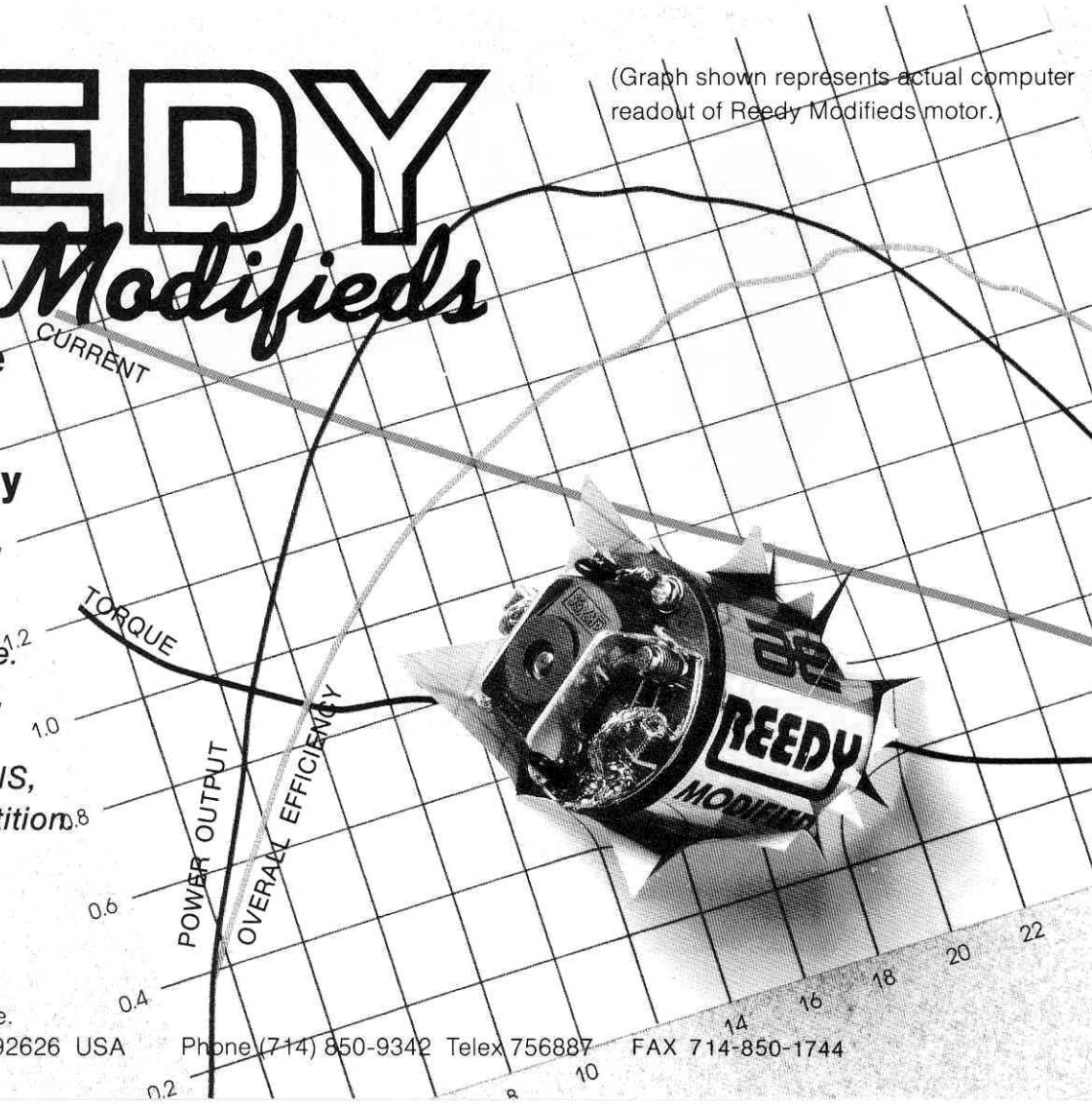
REEDY *Modifieds*

(Graph shown represents actual computer readout of Reedy Modifieds motor.)



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