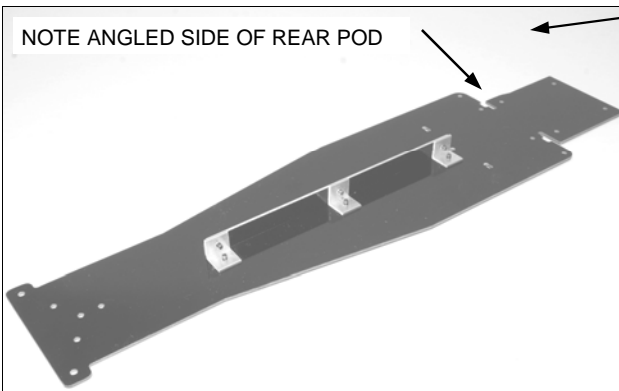


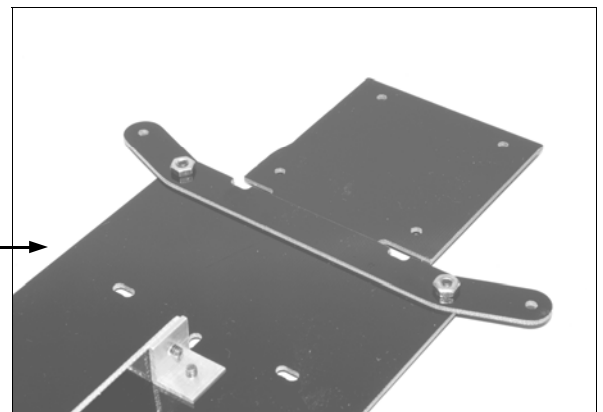


RJS2002 FUNNY CAR KIT LESS ELECTRICS

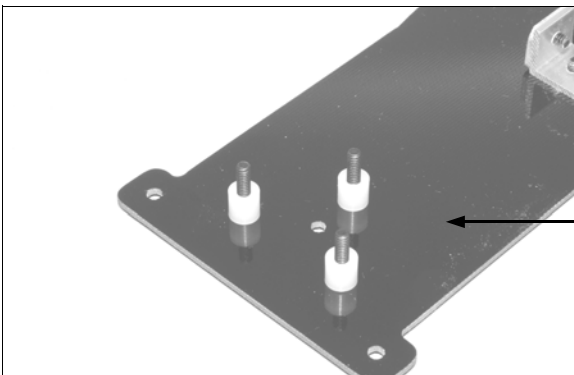
THANKS FOR BUYING RJ SPEED'S FUNNY CAR DRAG KIT. IT IS MADE FOR STRAIGHT LINE DRAG RACING AND CAN BE BROKEN IF RUN INTO SOLID OBJECTS REPEATEDLY AT HIGH SPEED. IT REQUIRES A MOTOR, BATTERY PACK, AND A TWO CHANNEL RADIO CONTROL UNIT WITH TWO SERVOS OR ONE SERVO AND AN ESC. A STANDARD SIZE OR MINI SERVO IS GOOD FOR THE STEERING, AND A MINI SERVO IS BEST TO MOUNT IN THE SWITCH PLATE IF YOU ARE GOING TO USE A MICRO SWITCH INSTEAD OF AN ESC. YOU WILL NEED A SMALL PAIR OF PLIERS, AND A 1/4" WRENCH OR NUTDRIVER. HEX WRENCHES TO FIT THE SOCKET HEAD SCREWS ARE INCLUDED IN THE KIT. YOU WILL ALSO NEED PAINT FOR THE LEXAN BODY AND WING. READ EACH STEP THROUGH, REFER TO THE PICTURE OR DRAWING AND THEN DO THE ASSEMBLY.



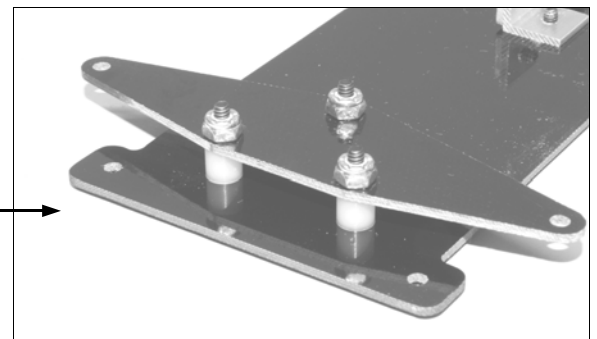
STEP 1 OPEN BAG F1 CHASSIS. INSTALL THREE ANGLE BRACKETS TO THE 5033 CHASSIS WITH 1/4" SCREWS. ATTACH THE CHASSIS BRACE TO THE BRACKETS WITH THREE 1/4" SCREWS. TIGHTEN ALL SIX.



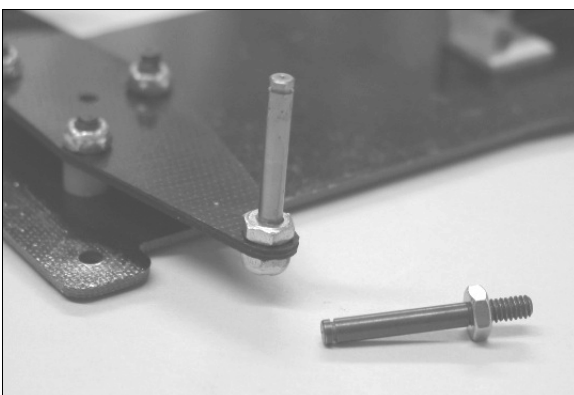
STEP 2 INSTALL THE REAR BODY MOUNT AT THE REAR OF THE CHASSIS WITH TWO 1/4" SCREWS AND NUTS.



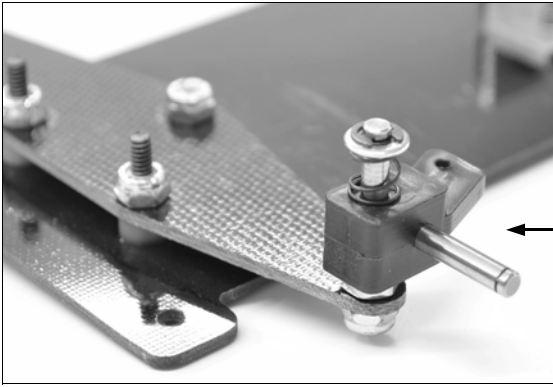
STEP 3 OPEN BAG F2 . INSTALL THREE 5/8" SCREWS IN THE FRONT OF THE CHASSIS AND INSTALL A 1/8" SPACER ON EACH AND A THIN ONE ON THE FRONT TWO.



STEP 4 ADD THE 5238 FRONT AXLE PLATE AND A 1/4" LOCKNUT ON EACH SCREW AND TIGHTEN.

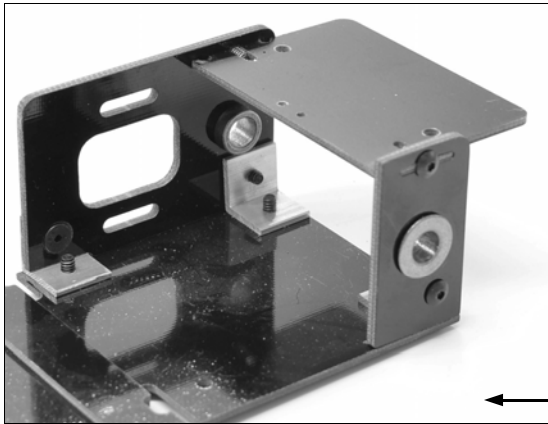
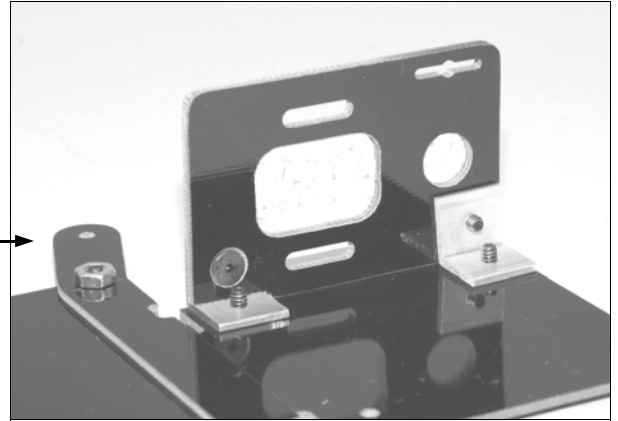


STEP 5 INSTALL A #7206 5-40 JAM NUT (THIN ONE) ON EACH 5377 KINGPIN THEN INSTALL THE KINGPIN IN THE FRONT AXLE PLATE AND ADD A #7207 5-40 LOCKNUT AND TIGHTEN . HOLD THE KINGPIN WITH A SMOOTH PAIR OF PLIERS.



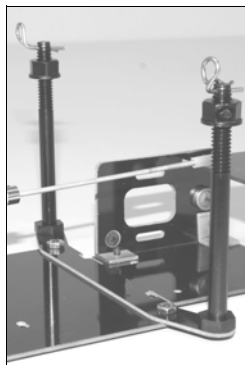
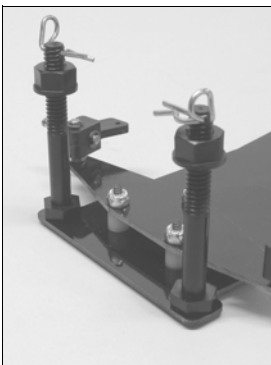
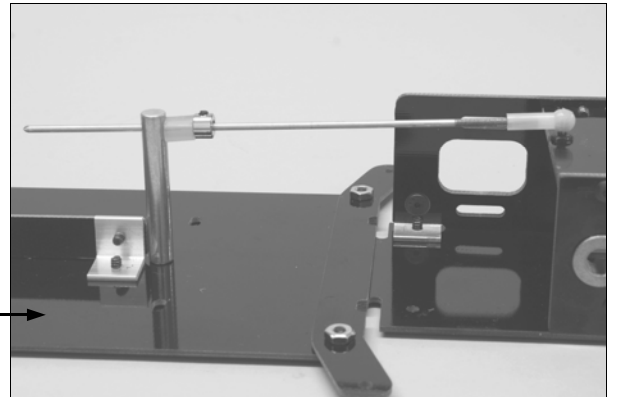
STEP 6 INSTALL A 5221 E-CLIP ON ONE END OF EACH 5363 AXLE AND INSERT INTO THE 5351 STEERING BLOCK AS SHOWN. LUBE EACH KINGPIN WITH A SMALL AMOUNT OF SILICONE OR LIGHT OIL AND INSTALL THE STEERING BLOCKS WITH THE ANGLED PORTION TO THE REAR AND INSIDE, THEN ADD THE 5228 SPRING , WASHER AND E-CLIP.

STEP 7 OPEN BAG D3, REAR END . INSTALL TWO 5282 ANGLE BRACKETS ON THE CHASSIS AND ATTACH THE MOTOR PLATE TO THEM. USE A 1/4" FLAT HEAD SCREW IN THE FRONT AND A 1/4" BUTTON HEAD SCREW IN THE REAR.



STEP 8 PRESS THE TAB ON THE TOP PLATE INTO THE SLOT AT THE TOP OF THE MOTOR PLATE. SLIDE THE AXLE MOUNT ON THE OTHER TAB ON THE TOP PLATE. ATTACH THE AXLE PLATE TO THE CHASSIS WITH AN ANGLE BRACKET AND TWO 1/4" SCREWS. INSTALL 1/4" SCREWS IN THE SLOTS IN THE MOTOR AND AXLE PLATE TO ATTACH THEM TO THE TOP-PLATE.

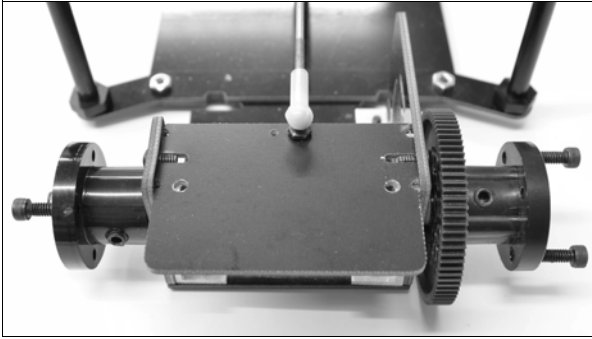
STEP 9 OPEN BAG 6. ATTACH THE SUPPORT POST TO THE CHASSIS WITH A 3/8" LONG SCREW. THREAD THE BALL STUD INTO THE FRONT OF THE TOP PLATE. SCREW THE PLASTIC BALL CUP ONTO THE THREADED END OF THE PULL ROD FROM BAG 1. SLIDE THE SET COLLAR THEN THE SILICONE TUBE ON THE ROD , INSERT THE ROD THRU THE TOP OF THE POST, AND SNAP THE CUP ON THE BALL STUD. INSTALL THE SET SCREW IN THE COLLAR , SLIDE THE COLLAR AND SILICONE TUBE AGAINST THE POST AND TIGHTEN . ADJUSTING THE AMOUNT OF PRESSURE ON THE POST ADJUSTS THE AMOUNT OF CHASSIS FLEX AND TRACTION.



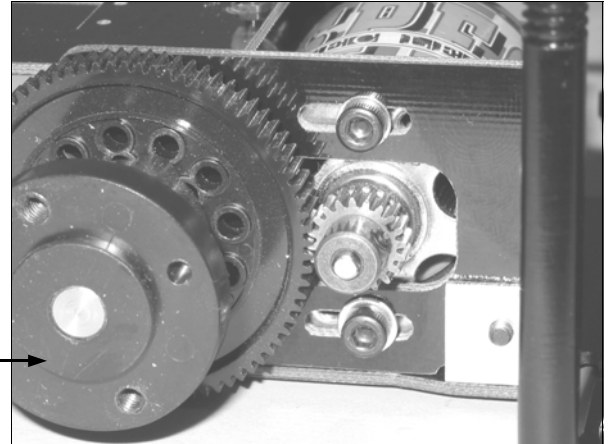
STEP 11 OPEN BAG 4. ATTACH THE 5581 GEAR TO THE 5312 HUB WITH TWO 3/8" LONG SCREWS. DO NOT OVERTIGHTEN!

STEP 10 INSTALL THE SHORT POSTS IN THE FRONT AND THE LONGER POSTS ON THE REAR BODY MOUNT WITH 3/8" LONG SCREWS. ADD THE ADJUSTER NUTS AND CLIPS

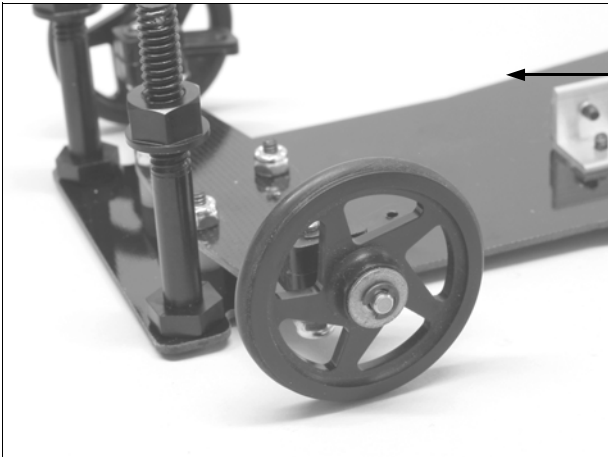




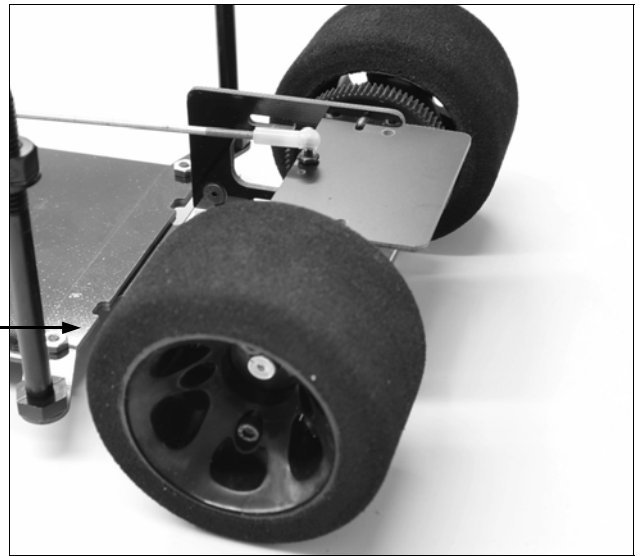
STEP 12 SLIDE THE HUB/GEAR ON THE AXLE AND RETAIN WITH TWO 10-32 SET SCREWS. TIGHTEN EACH CAREFULLY. PLASTIC CAN BE STRIPPED IF OVERTIGHTENED. FILING A FLAT SPOT ON THE AXLE FOR EACH SET SCREW WOULD MAKE IT MORE SECURE. INSTALL A NYLON AXLE SPACER ON THE AXLE AND SLIDE IT THRU THE BUSHINGS. ADD TWO AXLE SPACERS ON THE END AND ADD THE 5311 HUB. TIGHTEN EACH SET SCREW A LITTLE AT A TIME. OVERTIGHTENING ONE WILL WARP THE HUB.



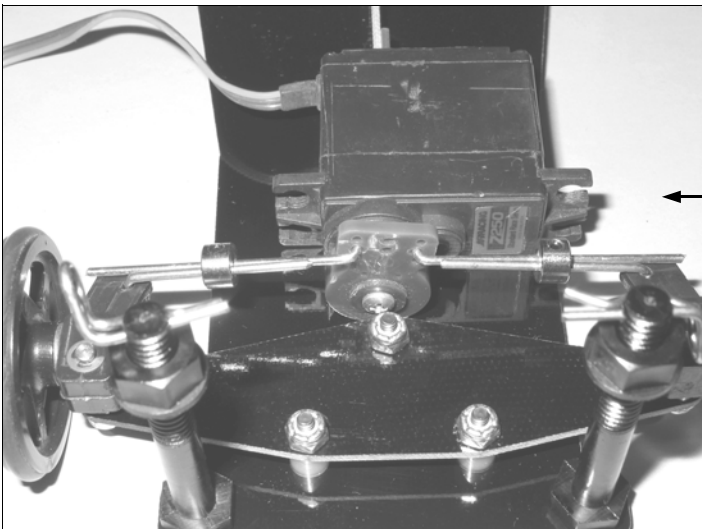
STEP 13 OPEN BAG 9 INSTALL THE PINION GEAR ON THE MOTOR YOU HAVE CHOSEN. INSTALL THE MOTOR WITH TWO 3MM SCREWS AND WASHERS. MAKE SURE THE PINION IS LINED UP WITH THE AXLE GEAR. ADJUST THE MOTOR SO THERE IS A SMALL AMOUNT OF PLAY BETWEEN THE GEARS, AND TIGHTEN THE SCREWS. TURN THE AXLE A COUPLE OF TIMES AND RECHECK THE GEAR MESH.



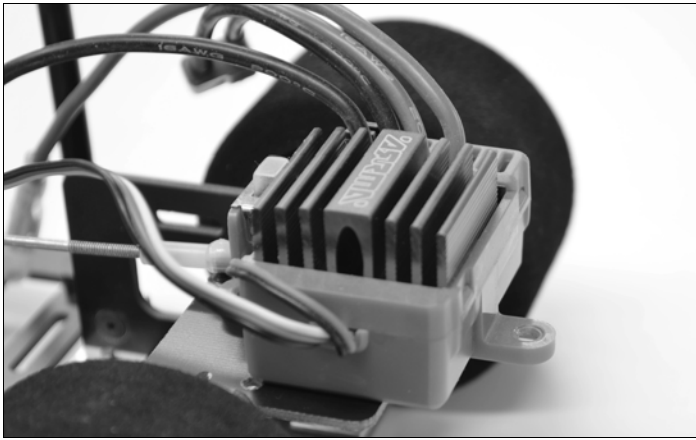
STEP 14 OPEN BAG 7. INSTALL A BUSHING IN EACH SIDE OF EACH FRONT WHEEL. PUT A SMALL AMOUNT OF LUBE ON EACH FRONT AXLE, INSTALL THE WHEELS AND RETAIN WITH E-CLIPS.



STEP 15 INSTALL EACH REAR WHEEL WITH TWO 3/8 CAP SCREWS FROM BAG 4.

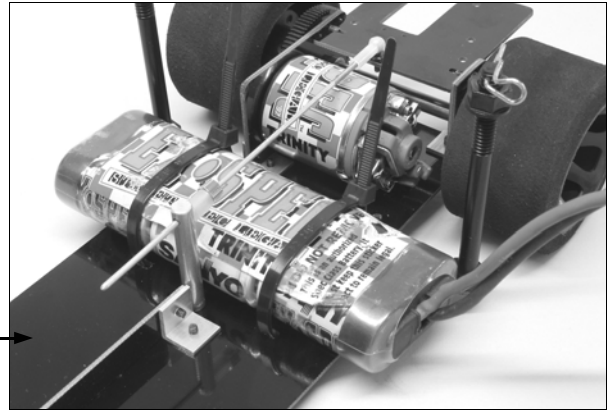


STEP 16 ATTACH YOUR STEERING SERVO TO THE CHASSIS WITH SERVO TAPE, POSTS, OR SCREWS IF YOUR SERVO HAS SIDE MOUNTS. INSTALL PREBENT LINKS AND ATTACH TOGETHER WITH 1/8 COLLARS AND SET SCREWS. TRIM THE LENGTH OF THE LINKS AS NECESSARY. ADJUST THE STEERING WITH THE SERVO SAVER STRAIGHT UP AND THE WHEELS ALIGNED.



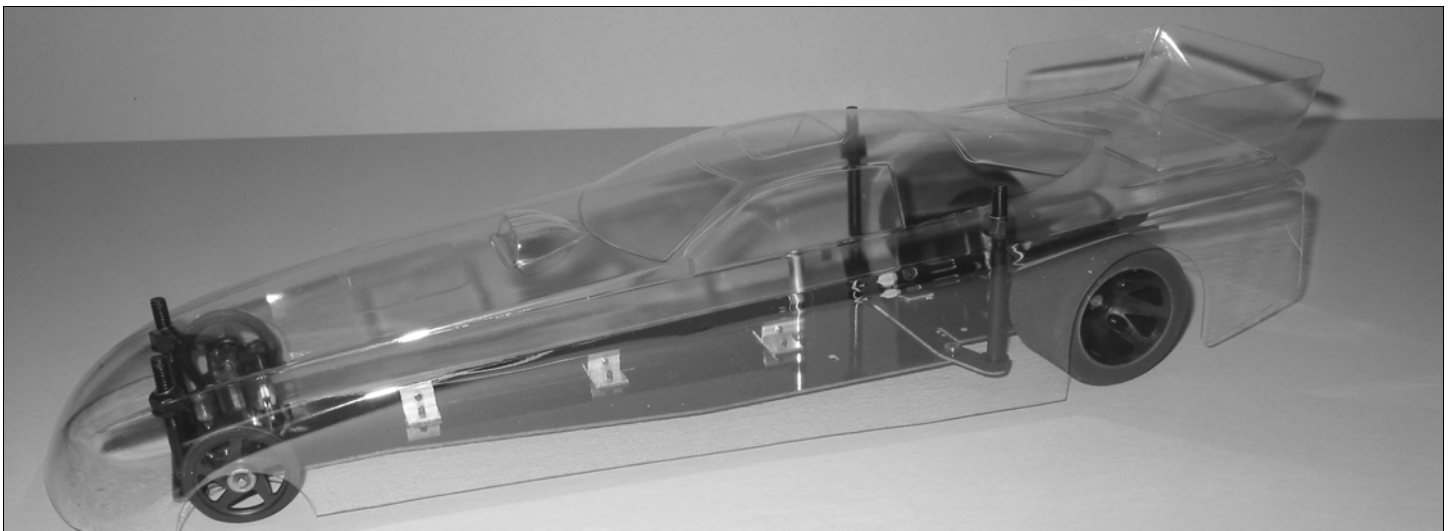
STEP 15 MOUNT YOUR RECEIVER AND ESC ON THE CHASSIS BEHIND THE STEERING SERVO WITH SERVO TAPE PROVIDED. YOU CAN ALSO MOUNT YOUR ESC ON THE PLATE BEHIND THE MOTOR AND AXLE MOUNTS IF YOUR ESC WIRE WILL REACH THE RECEIVER. EXTENSION WIRES ARE AVAILABLE FROM SOME RADIO MANUFACTURERS. THIS WILL ADD WEIGHT OVER THE REAR TIRES FOR BETTER TRACTION IF NEEDED, ESPECIALLY ON UNPREPARED SURFACES SUCH AS PARKING LOTS.

STEP 18 INSTALL YOUR BATTERY PACK AT THE REAR OF THE CHASSIS WITH TIE STRAPS FROM BAG 1. WIRE YOUR RADIO AND ESC ACCORDING TO THE MFGR.'S INSTRUCTIONS. CHARGE YOUR BATTERY ENOUGH TO TEST YOUR RADIO EQUIPMENT, ALIGN THE STEERING AND ADJUST THE ESC IF NECESSARY.



STEP 19 TRIM OUT YOUR BODY, SET IT OVER THE CHASSIS, AND MARK THE MOUNT AND WHEEL WELL LOCATIONS. PAINT THE BODY AND WING, DRILL THE MOUNT HOLES AND CUT OUT THE WHEEL WELLS. PEEL THE FILM AND MOUNT THE WING ON THE REAR WITH FOAM TAPE OR SMALL SCREWS. USING SCREWS GIVES YOU THE OPPORTUNITY TO MOVE THE WING IF YOU WISH. CHARGE YOUR BATTERY, CHECK YOUR RADIO SETTINGS AND ADJUSTMENTS, THEN *GO OUT AND HAVE SOME FUN!* YOU CAN USE WD-40 TO CLEAN AND SOFTEN YOUR REAR TIRES. SPRAY A LITTLE ON AND WORK IT IN. IT WILL SEEM SLICK AT FIRST. RUB IT OFF WITH A DRY RAG. THE MOST IMPORTANT THING IS TO BLOW OFF THE AREA THAT YOU ARE GOING TO USE. FOAM TIRES DO NOT GET VERY GOOD TRACTION IN DIRT AND GRIT. YOU CAN ALSO USE A LITTLE SIMPLE GREEN CLEANER TO MAKE YOUR TIRES A LITTLE TACKY BUT IT NEEDS TO BE DONE A FEW HOURS BEFORE YOU ARE GOING TO RUN.

PARTS AND ACCESSORIES ARE AVAILABLE THROUGH YOUR LOCAL HOBBY SHOP.

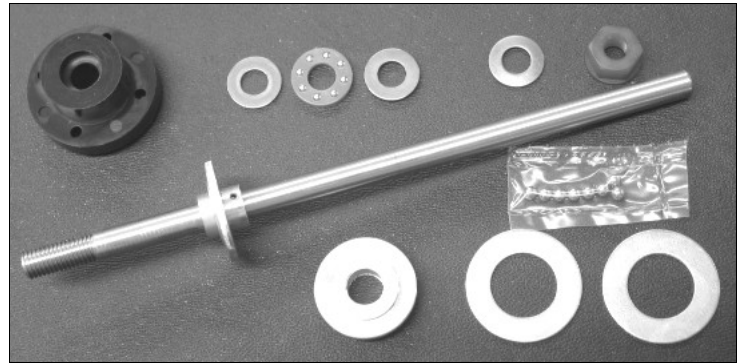


SEE www.rjspeed.com FOR A LISTING OF NEW PRODUCTS AND ACCESSORIES

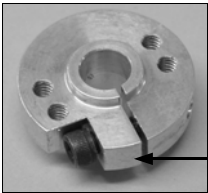
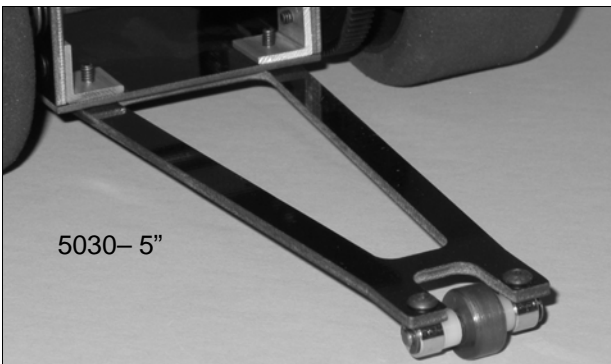
SOME CURRENTLY AVAILABLE ACCESSORIES ARE SHOWN BELOW:



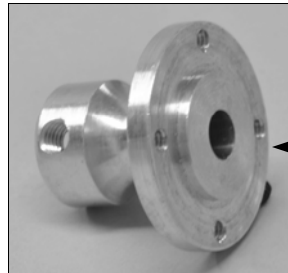
WE HAVE TWO WHEELIE BARS THAT BOLT DIRECTLY UNDER THE REAR END OF OUR DRAG KITS.



OUR 5732 DIFF KIT WILL HELP YOU GET OFF THE LINE ON UNPREPARED SURFACES BY ALLOWING YOU TO ADJUST IN A LITTLE SLIP AS NECESSARY.

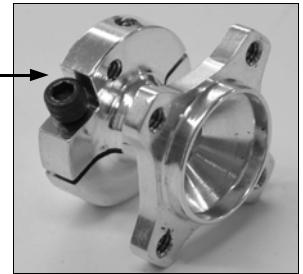


5320 ALUMINUM CLAMP HUB HOLDS THE GEAR AND A 2 BOLT 1/12 SCALE WHEEL. USE THE SAME FOR THE LEFT SIDE. SOME RACERS PREFER 1/12 WHEELS AND TIRES SINCE THEY ARE A



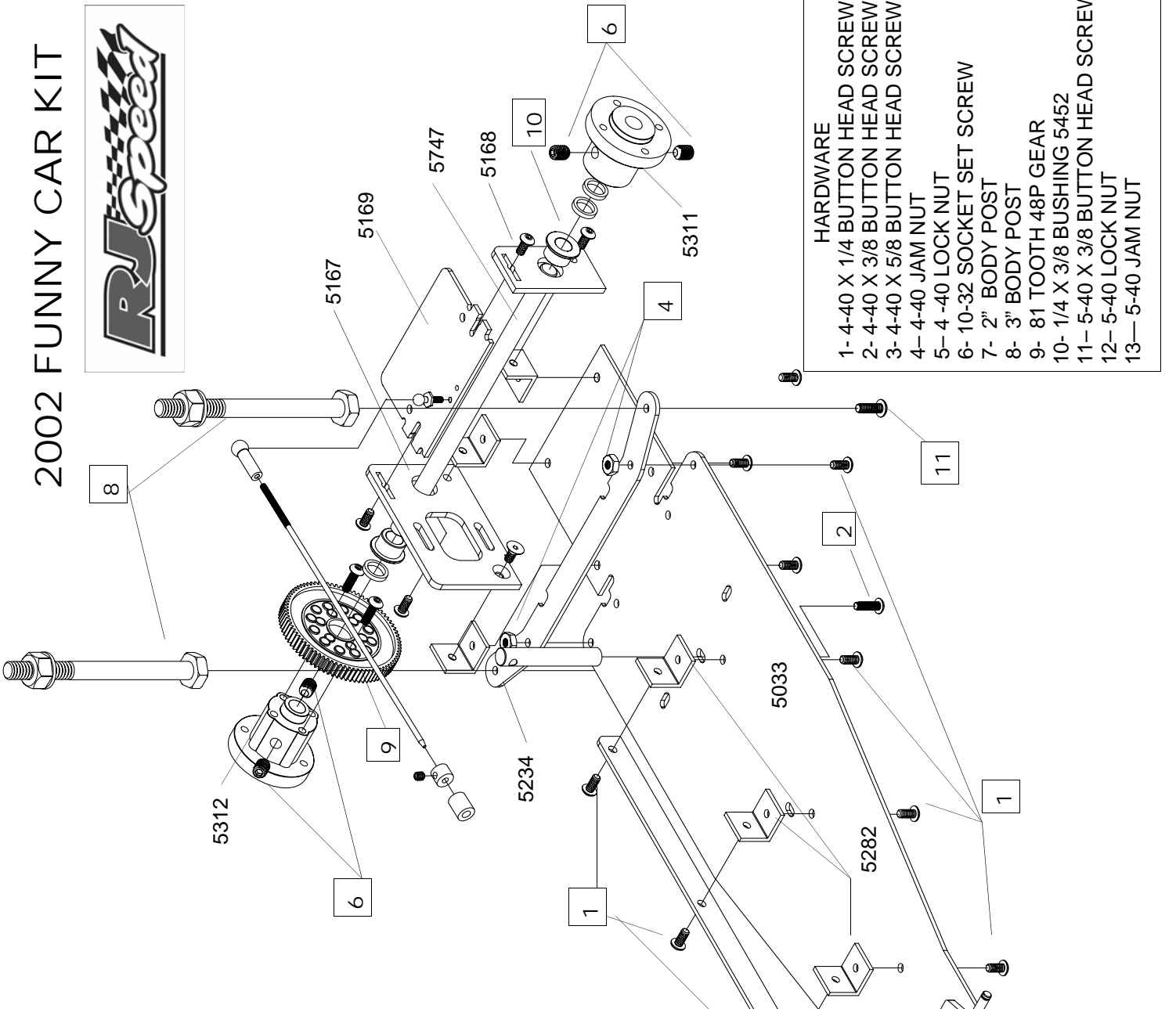
5314 ALUMINUM SET SCREW HUB FOR THE LEFT SIDE.

5321 ALUMINUM CLAMP HUB HOLDS THE GEAR AND RIGHT WHEEL. USES 4-40 WHEEL SCREWS (INCLUDED)



SEE www.rjspeed.com FOR A LISTING OF NEW PRODUCTS AND ACCESSORIES

2002 FUNNY CAR KIT



- 1008 FUNNY CAR BODY WITH WING
- 2501 1.5" O-RING FRONTS (BLACK)
- 2510 1.5 WIDE REAR TIRES, STD.
- 5033 CHASSIS W/ BRACE & BODY MOUNT
- 5167 MOTOR MOUNT PLATE
- 5168 L-AXLE MOUNT PLATE
- 5169 TOP PLATE
- 5221 E-CLIP (PKG 6)
- 5228 SPRING (2)
- 5234 FUNNY CAR BODY MOUNT
- 5238 FRONT AXLE PLATE
- 5282 ANGLE BRACKET, TAPPED (4)
- 5311 SET SCREW HUB
- 5312 GEAR / WHEEL HUB
- 5351 STEERING BLOCKS (2)
- 5377 KINGPIN (2)
- 5363 E-CLIP AXLE (2)
- 5747 REAR AXLE, STAINLESS STEEL

- HARDWARE**
- 1- 4-40 X 1/4 BUTTON HEAD SCREW
 - 2- 4-40 X 3/8 BUTTON HEAD SCREW
 - 3- 4-40 X 5/8 BUTTON HEAD SCREW
 - 4- 4-40 JAM NUT
 - 5- 4-40 LOCK NUT
 - 6- 10-32 SOCKET SET SCREW
 - 7- 2" BODY POST
 - 8- 3" BODY POST
 - 9- 81 TOOTH 48P GEAR
 - 10- 1/4 X 3/8 BUSHING 5452
 - 11- 5-40 X 3/8 BUTTON HEAD SCREW
 - 12- 5-40 LOCK NUT
 - 13- 5-40 JAM NUT