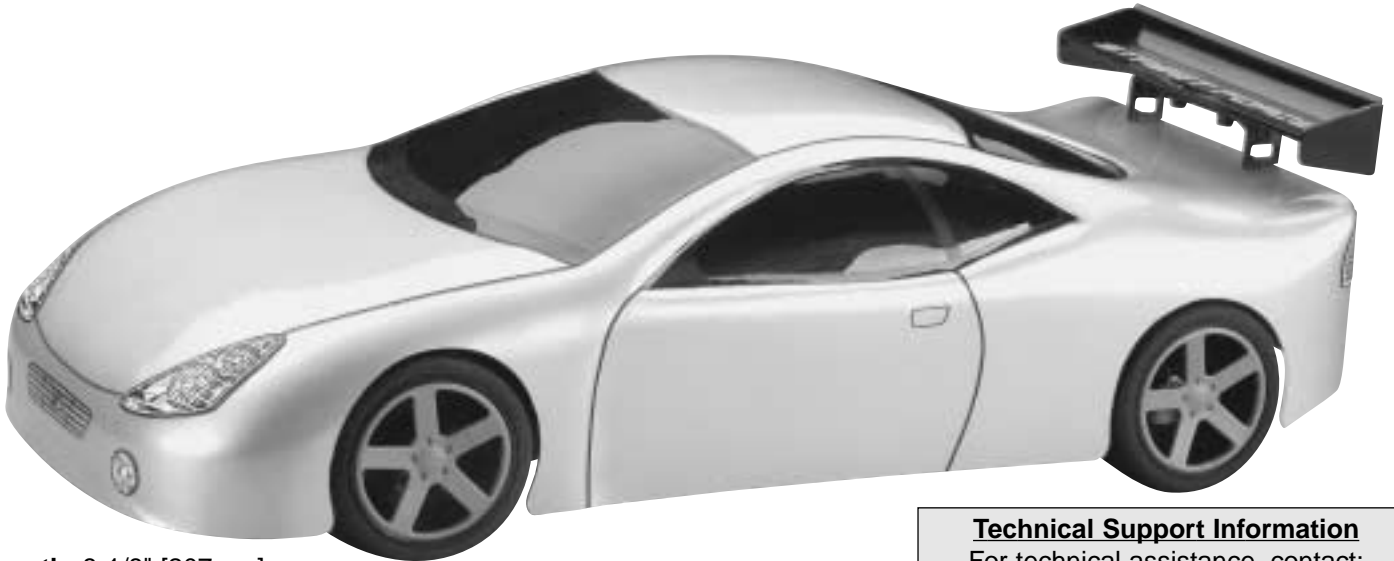


DURATRAX[®]
MICRO
STREET FORCE[™]
RTR



Length: 8-1/8" [207mm]
Width: 4-1/8" [105mm]
Height: 2-11/16" [69mm]
Weight: 13.5oz [383g]
Wheelbase: 5-7/8" [150mm]
Radio: 2-Channel

Technical Support Information

For technical assistance, contact:
DuraTrax Product Support
3002 N. Apollo Drive, Suite 1
Champaign, IL 61822
(217) 398-8970, Ext. 5
carsupport@duratrax.com

ASSEMBLY AND OPERATION MANUAL

Warranty

- DuraTrax will warranty this kit for 90 days after the purchase date from defects in materials or workmanship. DuraTrax will either repair or replace, at no charge, the incorrectly made part.
- Make sure you save the receipt or invoice you were given when you purchased your model. It is your proof of purchase and we must see it before we can honor the warranty.
- To return your Micro Street Force for repairs covered under warranty you should send your model to:

Hobby Services
3002 N. Apollo Drive Suite 1
Champaign, Illinois 61822
Attn: Service Department
Phone: (217) 398-0007 9:00 am-5:00 pm Central Time M-F
E-mail: hobbyservices@hobbico.com

If the buyer is not prepared to accept the liability associated with the use of this product, the buyer is advised to return this kit immediately in new and unused condition to the place of purchase.

READ THROUGH THIS MANUAL BEFORE STARTING CONSTRUCTION. IT CONTAINS IMPORTANT INSTRUCTIONS AND WARNINGS CONCERNING THE ASSEMBLY AND USE OF THIS MODEL.

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INTRODUCTION

Thank you for purchasing the DuraTrax Micro Street Force. This manual contains the instruction you need to build, operate and maintain your new electric R/C vehicle. Read over this manual thoroughly before building or operating the Micro Street Force.

SAFETY PRECAUTIONS

When the safety precautions are followed, the Micro Street Force will provide years of enjoyment. Use care and good sense at all times when operating this radio controlled vehicle. Failure to use this vehicle in a safe, sensible manner can result in injury or damage to property. You and you alone must insure that the instructions are carefully followed and all safety precautions are obeyed.

- Do not operate the Micro Street Force near people. Spectators should be behind the driver or at a safe distance away from the vehicle.
- Make sure to read the instructions before charging the battery.

- Do not leave the charger unattended during charging. If the battery or charger become hot at any time disconnect the battery from the charger immediately! Failure to do so may cause permanent damage to the charger and battery and may cause bodily harm.
- Do not cover the charger during charging. This may cause the charger to overheat.
- Do not allow the electronic speed control (ESC) or radio equipment to come into contact with moisture. Water can cause the electronics to short out and cause permanent damage.
- Always turn on the transmitter before turning on the electronic speed control.
- Before turning on your radio, check to make sure that no one else is running on the same frequency as your Micro Street Force.

HELPFUL HINTS

- Avoid working over a deep pile carpet. If you drop a small part or screw, it will be difficult to find.
- Place a mat or towel over your work surface. This will prevent parts from rolling off and will protect the work surface.
- Test fit all parts before attaching them permanently.

STRESS-TECH™ PARTS GUARANTEE

We have engineered the Micro Street Force to take the rough and tumble abuse that makes R/C fun. We are so confident of the quality and durability of the Stress-Tech plastic parts that we will replace any Stress-Tech plastic part you break during the first 12 months you own the vehicle. Just send in the part to us and we will send you a FREE replacement. Please see the Micro Street Force parts list for the items covered under the Stress-Tech guarantee.

To receive your free replacement part please send the following to the Hobby Services address listed on the front cover of this manual.

- 1. The broken part must be included.
- 2. The part number and description of the broken part.
- 3. Dated copy of your invoice or purchase receipt.
- 4. Your name, phone number and shipping address.

REPAIR SERVICE

Repair service is available anytime.

- After the 90 day warranty, you can still have your Micro Street Force repaired for a small charge by the expert at DuraTrax's authorized repair facility, Hobby Services, at the address listed on the front cover of this manual.

- To speed up the repair process, please follow the instruction listed below.

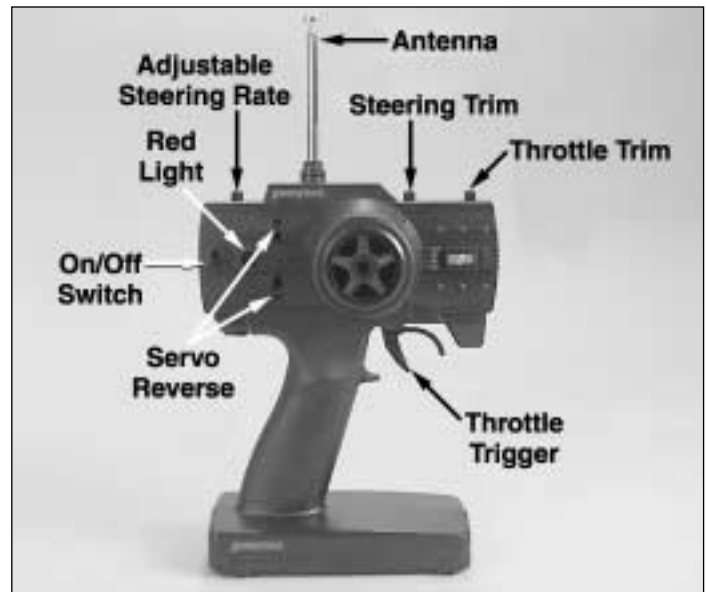
- ❑ 1. Under most circumstances return the ENTIRE system: vehicle and radio. The exception would be sending in a Stress-Tech part. See the instruction and Stress-Tech Guarantee.
- ❑ 2. Make sure the transmitter is turned off and all of the batteries are removed.
- ❑ 3. Send written instructions which include: a list of all items returned, a THOROUGH explanation of the problem, the service needed and your phone number during the day. If you expect the repair to be covered under warranty, be sure to include a proof of date of purchase (your store receipt or purchase invoice).
- ❑ 4. Also be sure to include your full return address.

SPECIFICATION & DESCRIPTION CHANGES

All pictures, descriptions and specifications found in this instruction manual are subject to change without notice. DuraTrax maintains no responsibility for inadvertent errors in this manual.

FINISHING THE MICRO STREET FORCE

- ❑ 1. Remove the Micro Street Force from the box.
- ❑ 2. Charge the included 6-cell battery with the included wall charger. Connect the 6-cell NiCd battery to the connector on the wall charger. Plug the wall charger into a standard household 110V power outlet. The battery should not be left on the charger longer than 3 hours. If at any time during the charge the battery becomes warm to the touch, it should be removed immediately to prevent damage to either the battery or the charger. **Note:** The battery is fully charged when it becomes warm to the touch.

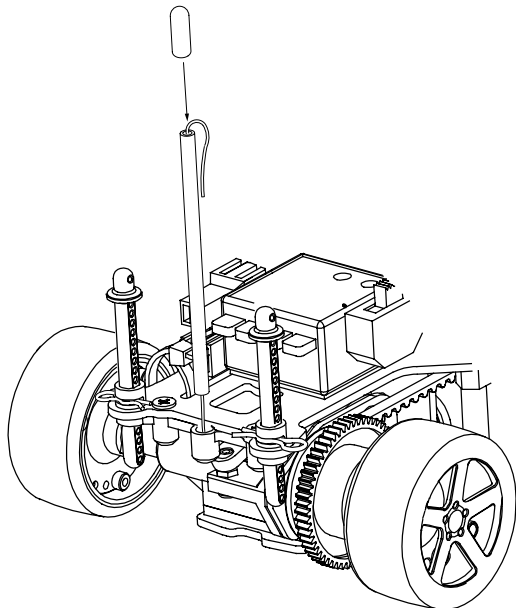


- ❑ 3. Install the transmitter antenna by screwing it into the hole on the top of the transmitter. Give the top of the antenna a light tug to make sure that it is properly secured to the transmitter.

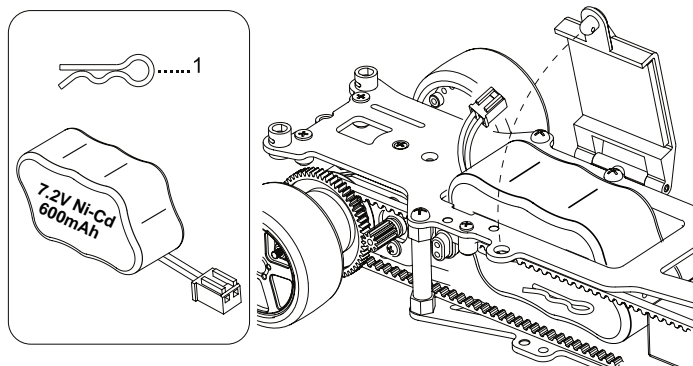


- ❑ 4. Slide the battery door on the bottom of the transmitter open. Install eight (8) "AA" batteries into the transmitter in the configuration molded into the plastic on the battery holder. Re-install the battery door.

❑ 5. Turn on the transmitter using the on/off switch (see step #3). The red light on the transmitter should light up. If there is no light on, turn the transmitter off and check to ensure that the batteries are making contact with the metal contacts in the battery holder and are installed correctly. Turn the transmitter on. If the red light appears, turn off the transmitter. If the red light blinks, the batteries are low and should be replaced.



❑ 6. Straighten the receiver antenna. Route the antenna under the upper deck of the chassis and up through the antenna mount located at the rear of the car. Run the receiver antenna wire through the included antenna tube. **DO NOT CUT OR COIL THE ANTENNA WIRE.** Press fit the antenna tube into the antenna mount hole. **TIP:** Run the antenna wire through your finger to straighten out the kinks before running through the antenna tube. **TIP:** Applying a small amount of soap and water to the antenna wire will help lubricate the wire for threading into the antenna tube.



❑ 7. Remove the body pin from the battery holder and insert the charged 6-cell battery pack into the chassis.

❑ 8. Re-install the battery clip onto the battery holder.

❑ 9. Program the ESC. Start by centering the trim knobs on the transmitter. Turn the transmitter “on” then turn the ESC “on.” Push and hold the set button until the red and green LEDs begin to flash. Push and hold the set button again until the green LED begins to flash. Pull the throttle trigger to full throttle and hold it. Push and hold the set button again until the red LED begins to flash. Push the throttle trigger all the way forward and hold it then push the set button one last time and release the throttle trigger to neutral. Both the red and green LEDs should be constantly lit. The ESC should be programmed at this time.

❑ 10. Decal the body as desired and install it onto the chassis, securing it in place with the four included body clips.

❑ 11. The transmitter features an adjustable steering rate knob labeled “D/R” on the top of the transmitter. Turning it fully clockwise will give you the greatest amount of steering travel. Turning it counter clockwise will reduce the amount of steering travel.

RUNNING THE MICRO STREET FORCE

❑ 1. Fully extend the transmitter antenna.

❑ 2. Turn on the transmitter and check to make sure the transmitter LED is lit. If it is blinking or not lit, check the batteries.

❑ 3. Turn on the ESC.

❑ 4. Check that the steering is functioning properly.

❑ 5. HAVE FUN!

❑ 6. Once the car begins to slow down drastically when running, it is time to stop the car. This is a sign that the battery is getting low.

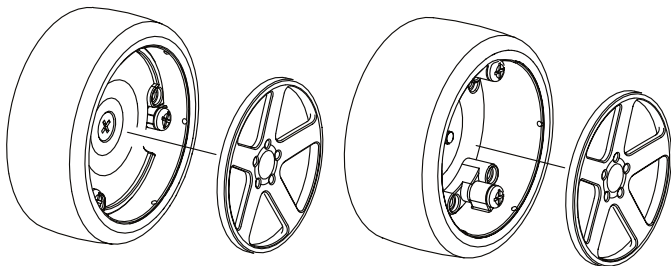
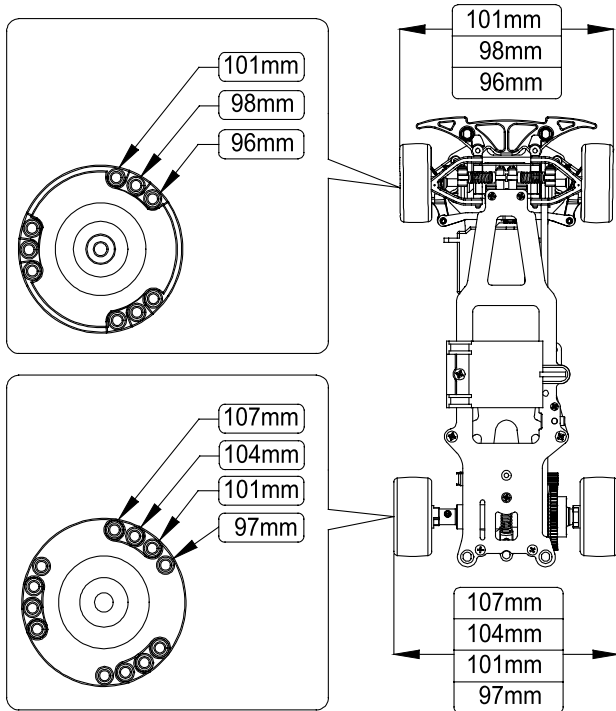
❑ 7. Always turn **off** the ESC before the transmitter to prevent your car from running away.

❑ 8. Turn off the transmitter.

❑ 9. Carefully collapse the transmitter antenna.

❑ 10. Remove the battery from the car and allow it to fully cool before recharging.

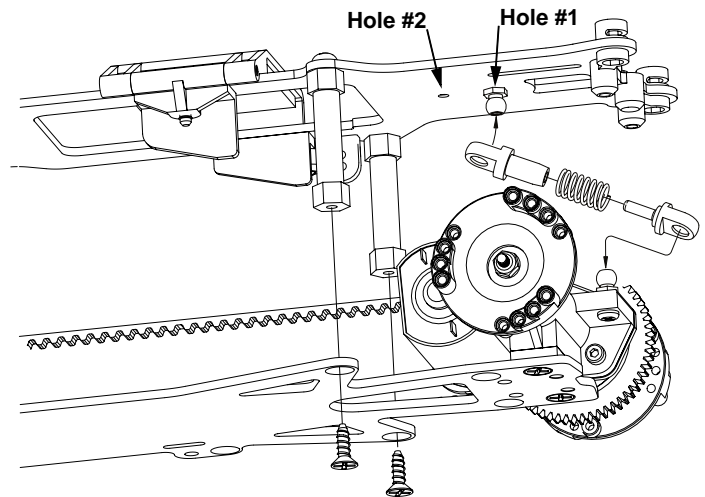
CHANGING WHEEL TRACK (WIDTH)



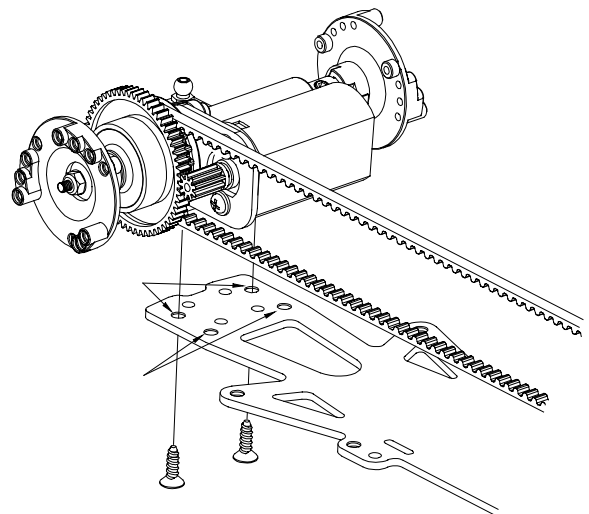
1. Remove the wheel cover from the wheel. You can do this by using a small screwdriver and gently prying the wheel cover from the wheel.
2. Remove the three small Phillips head screws from the wheel.
3. Rotate the wheel to the desired location.
4. Re-install the Phillips head screws in the new location.
5. Re-install the plastic wheel cover onto the wheel.
6. Make sure both sides are set the same for optimal performance.

CHANGING WHEELBASE (LENGTH) TO FIT OTHER BODIES

NOTE: A micro servo and optional short belt are required to run the 140mm wheelbase.

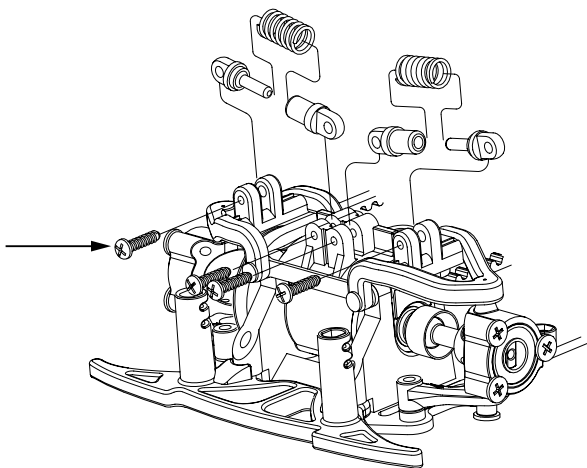


1. Detach the front of the rear shock from the upper plate ball stud.
2. Remove the two 2.6x8mm flat head self tapping screws that attach the upper plate standoffs to the main chassis.
3. Remove the two 2x8mm pan head self tapping screws that hold the front of the upper plate to the front gearbox.
4. Remove the upper plate from the chassis.
5. Remove the shock ball stud located on the upper plate and re-install it in the hole #2 located directly in front of the stock mounting hole (#1).

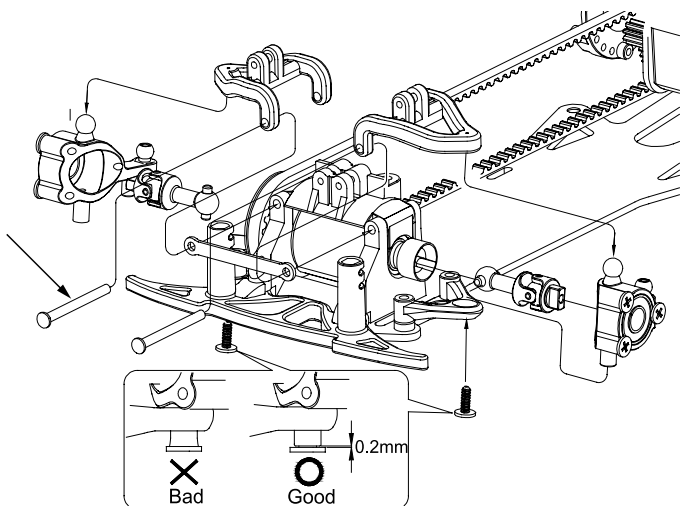


6. Remove the two 2.6x8mm flat head self tapping screws that secure the rear axle to the main chassis.
7. Slide the rear axle assembly to the short position.

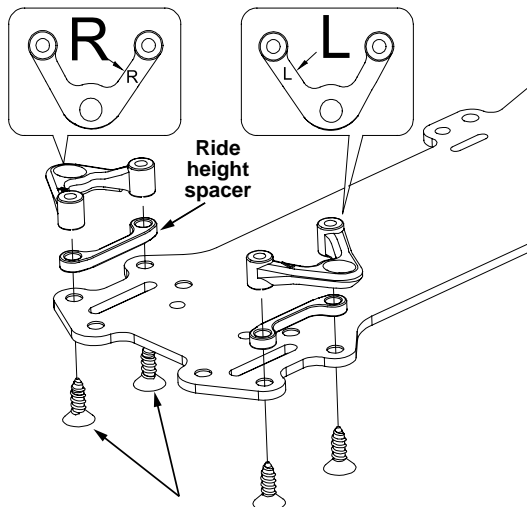
- ❑ 8. Remove the long belt from the diff pulley.



- ❑ 9. Remove the outer 2x8mm screw that attaches the left (when viewed from the front) front shock to the upper suspension arm. **NOTE: Be careful not to lose the shock spring or shock end when removing them.**

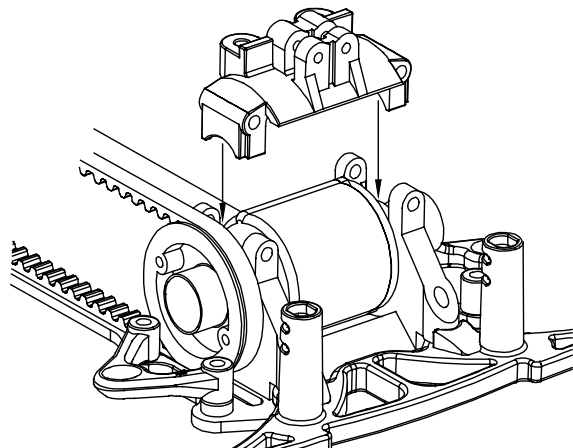


- ❑ 10. Remove the left front upper hinge pin that holds the upper suspension arm to the front gear box.



- ❑ 11. Remove the two 2.6x8mm flat head screws that secure the lower front suspension arm to the main chassis.

NOTE: Be careful not to lose the ride height spacer located below the lower suspension arm.



- ❑ 12. Remove the long belt from the front differential pulley.

- ❑ 13. Install the short belt onto the front differential pulley.

- ❑ 14. Re-install the ride height spacer and lower suspension arm onto the main chassis, securing them in place with the two 2x8mm flat head screws previously removed. **NOTE: Make sure you get the front dog bone installed into the differential drive cup before securing the lower suspension arm to the chassis.**

- ❑ 15. Secure the upper suspension arm to the front gearbox using the previously removed upper hinge pin.

- ❑ 16. Re-install the shock onto the suspension arm, securing it in place with the 2x8mm screw.

- ❑ 17. Install the short belt onto the rear differential pulley.

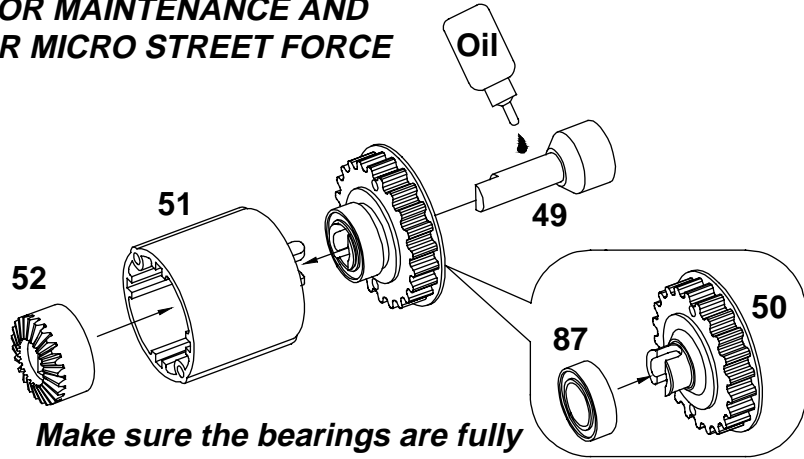
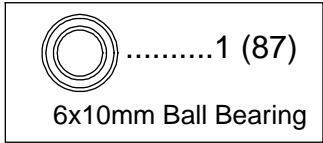
- ❑ 18. Re-install the two 2.6x8mm flat head self-tapping screws into the rear pod.

- ❑ 19. Re-install the upper plate onto the main chassis using the previously removed screws.

ASSEMBLY GUIDE

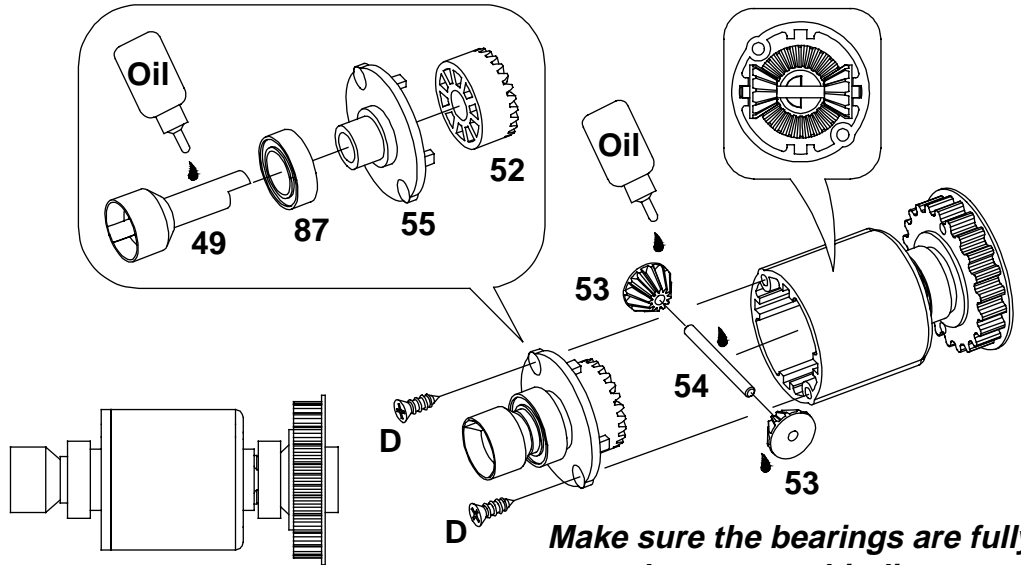
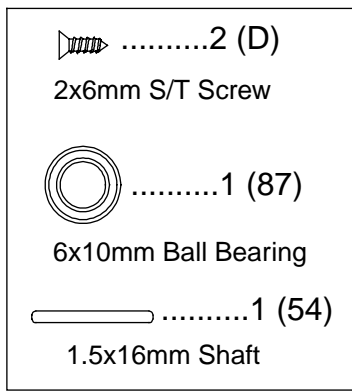
USE THIS GUIDE FOR MAINTENANCE AND ASSEMBLY OF YOUR MICRO STREET FORCE

1



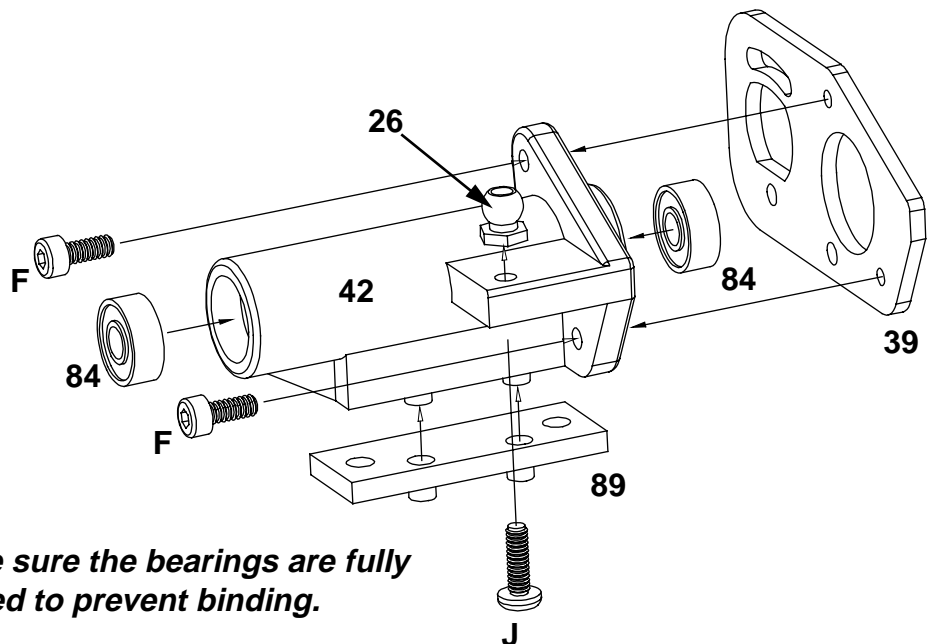
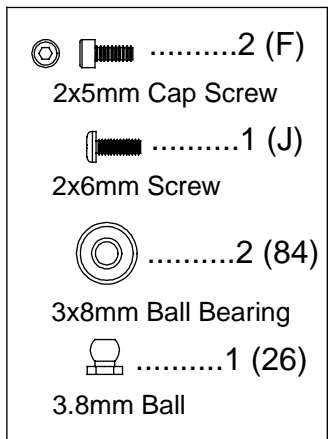
Make sure the bearings are fully seated to prevent binding.

2



Make sure the bearings are fully seated to prevent binding.

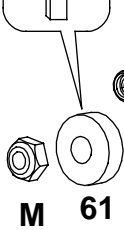
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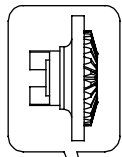
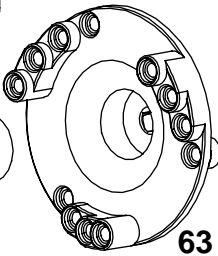
Make sure the bearings are fully seated to prevent binding.

4

2.7mm



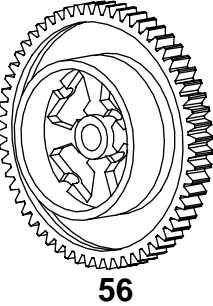
M 61



58



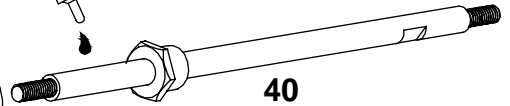
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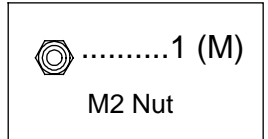
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59

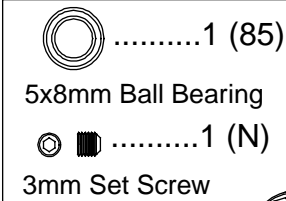


40



.....1 (M)
M2 Nut

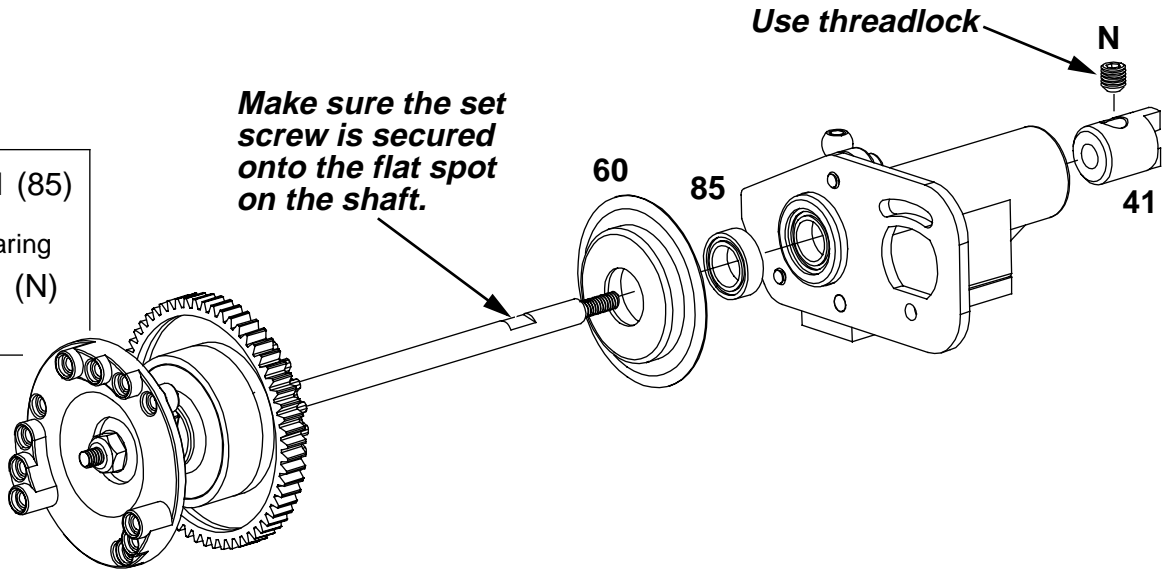
5



.....1 (85)
5x8mm Ball Bearing
.....1 (N)
3mm Set Screw

Make sure the set screw is secured onto the flat spot on the shaft.

Use threadlock



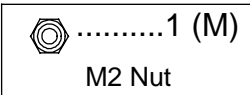
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85

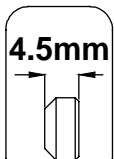
N

41

6



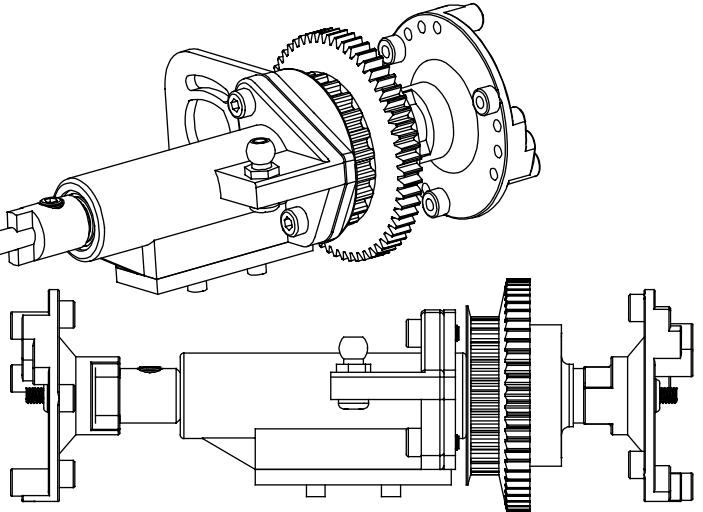
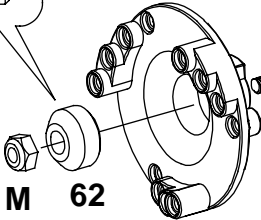
.....1 (M)
M2 Nut



4.5mm

63

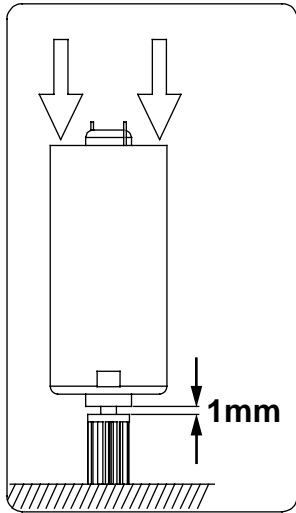
M 62



7

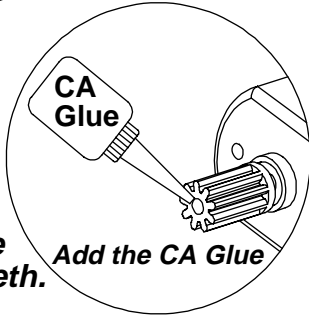
Stock
9T

Optional (included)
11T 13T



36

35



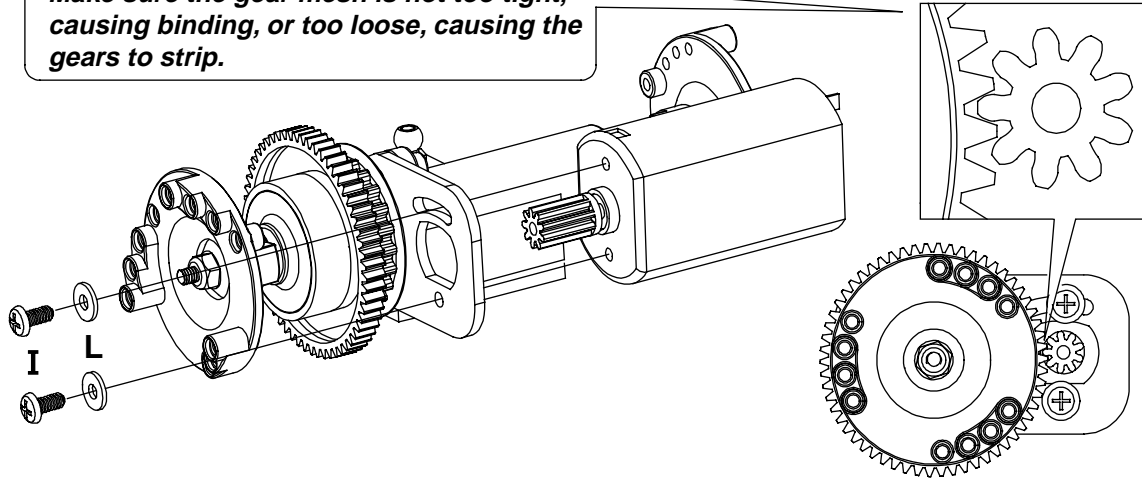
Be careful not to get any glue on the gear teeth.

Add the CA Glue

8

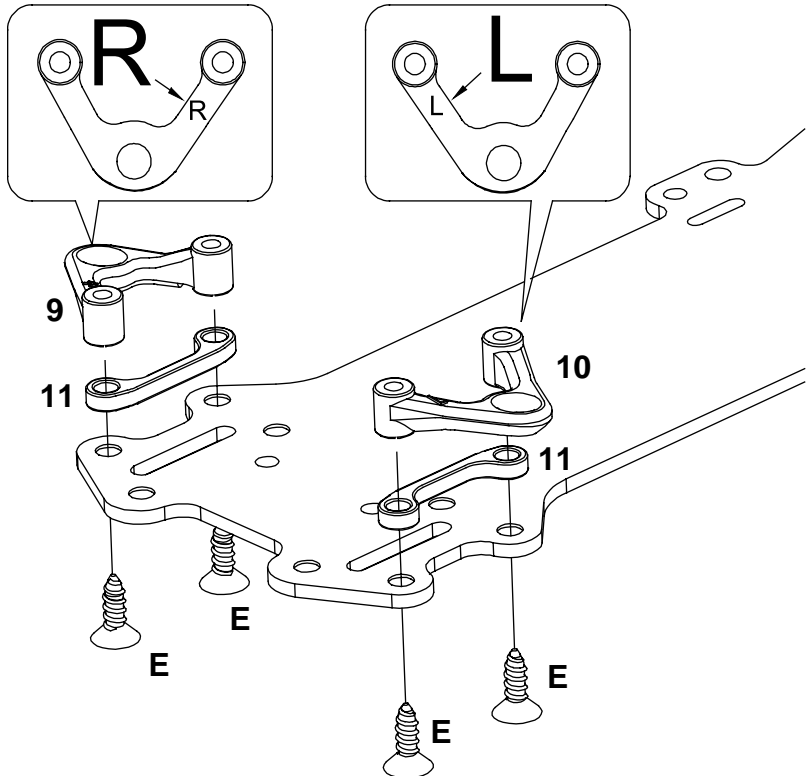
Make sure the gear mesh is not too tight, causing binding, or too loose, causing the gears to strip.

.....2 (I)
2x4mm Screw
.....2 (L)
2mm Washer



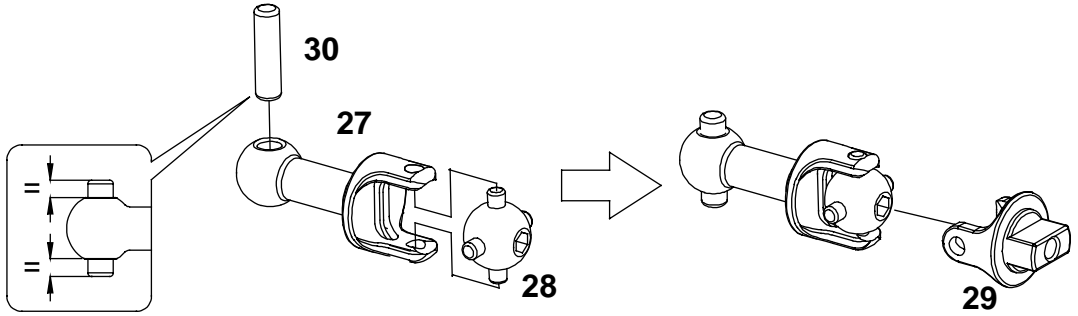
9

.....4 (E)
2.6x8mm S/T Screw



13

.....2 (30)
2x7.5mm Shaft



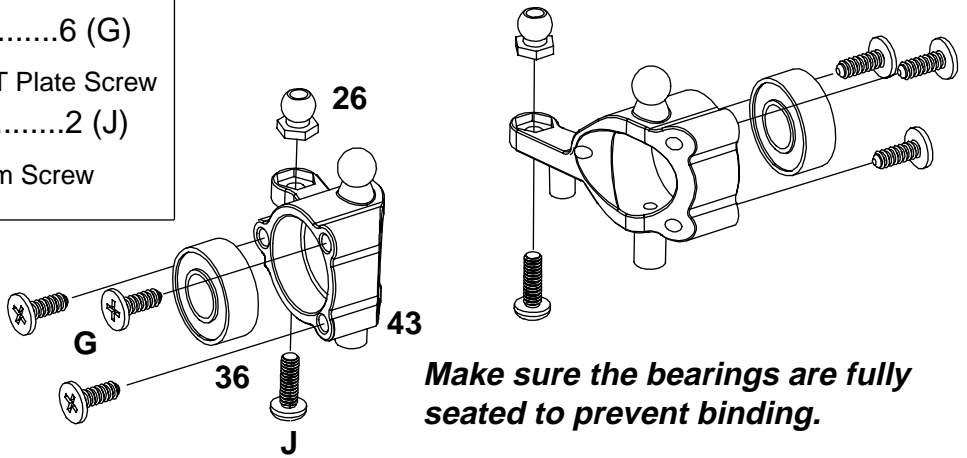
14

.....2 (36)
5x11mm Ball Bearing

.....2 (26)
3.8mm Ball

.....6 (G)
2x6mm S/T Plate Screw

.....2 (J)
2x6mm Screw

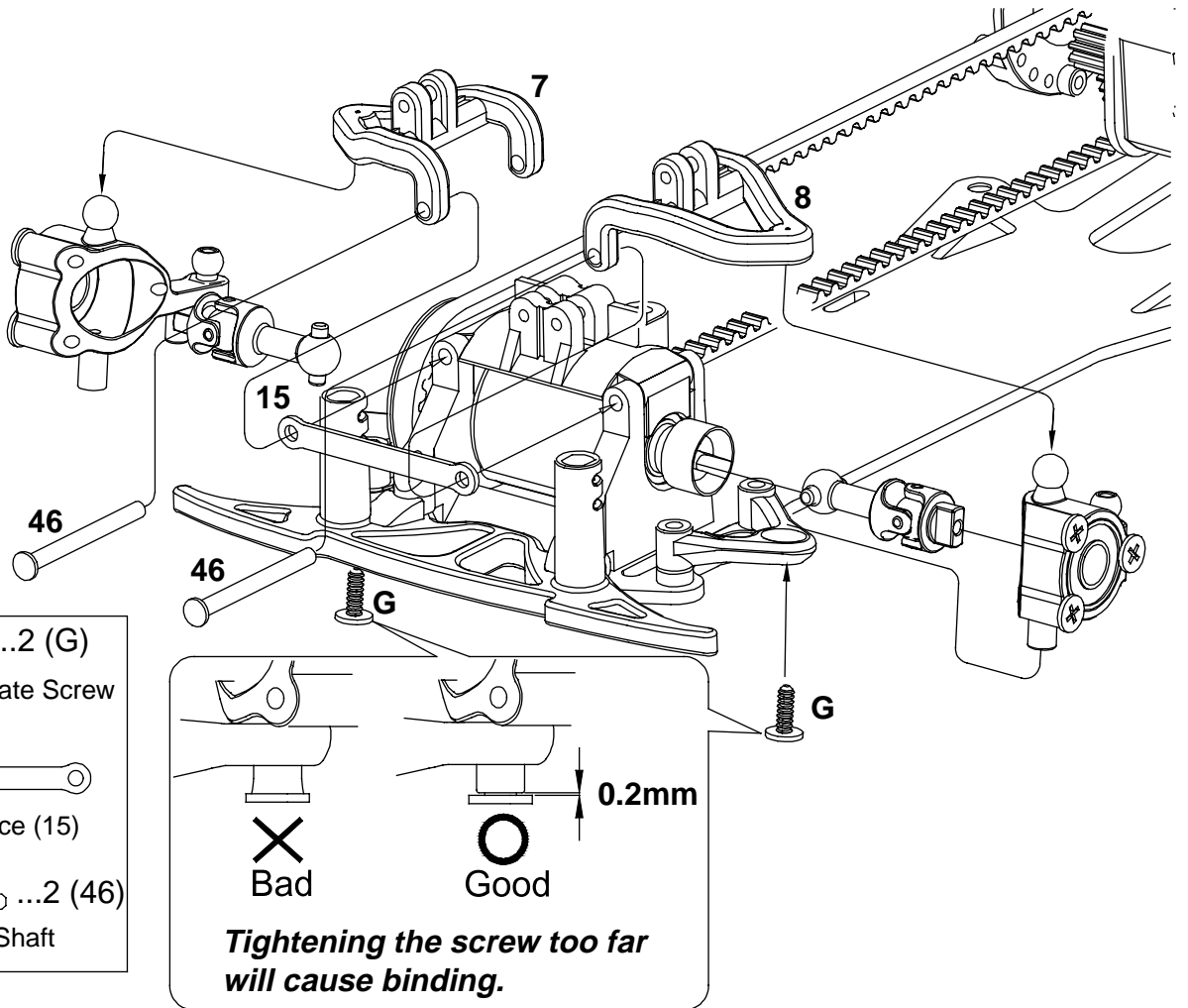


15



.....2 (G)
2x6mm S/T Plate Screw

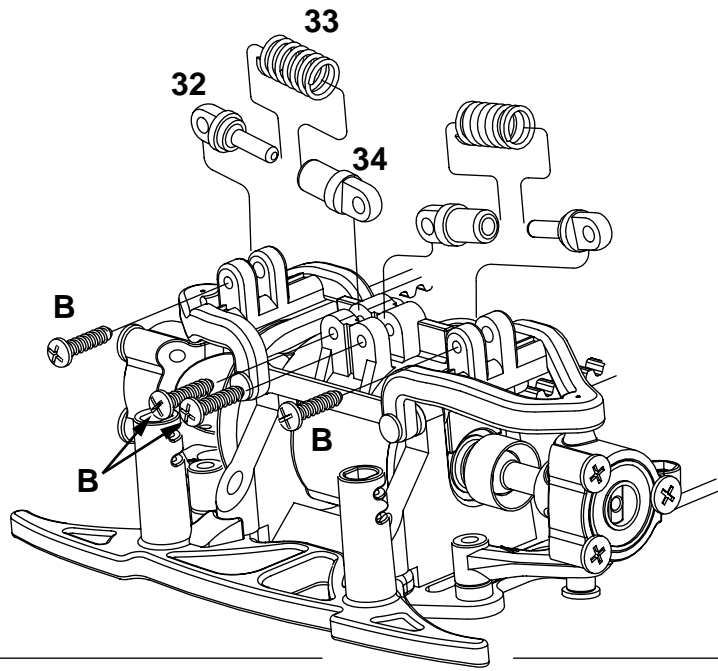
Front Brace (15)

...2 (46)
2x23mm Shaft

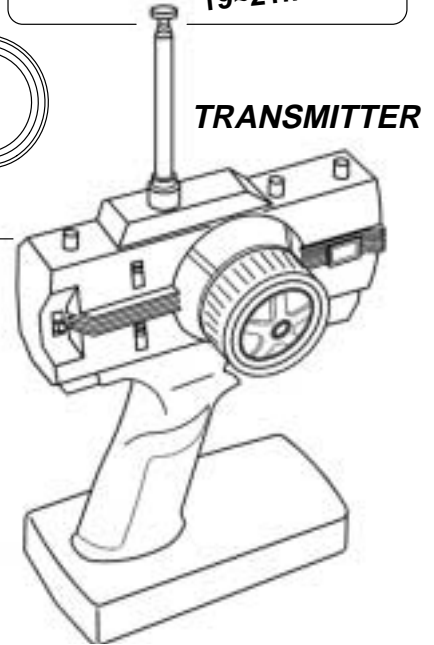
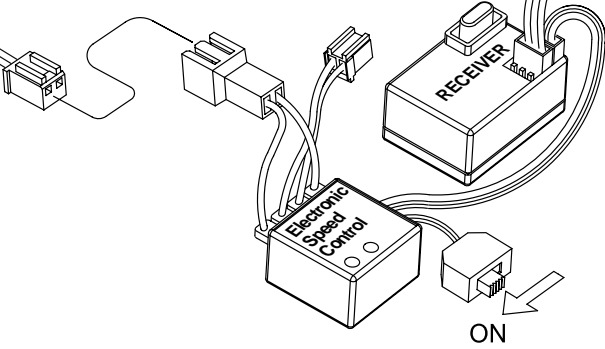
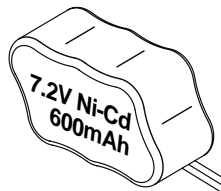
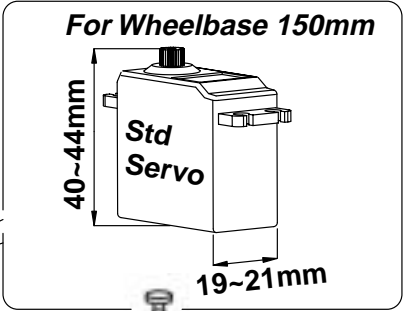
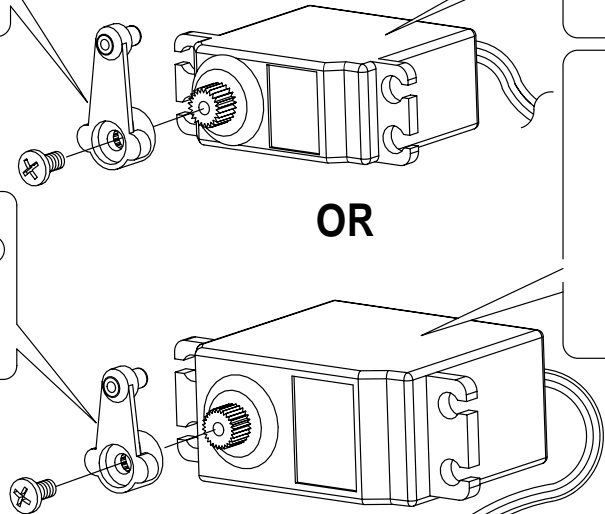
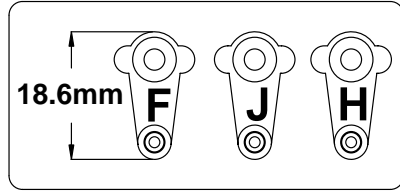
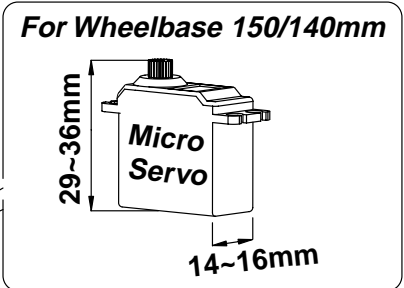
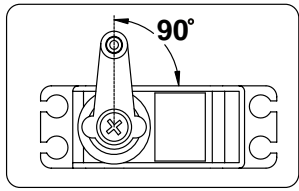
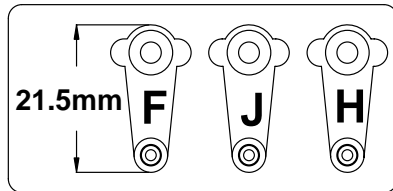


16

- 4 (B)
2x8mm S/T Screw
- 2 (33)
Spring

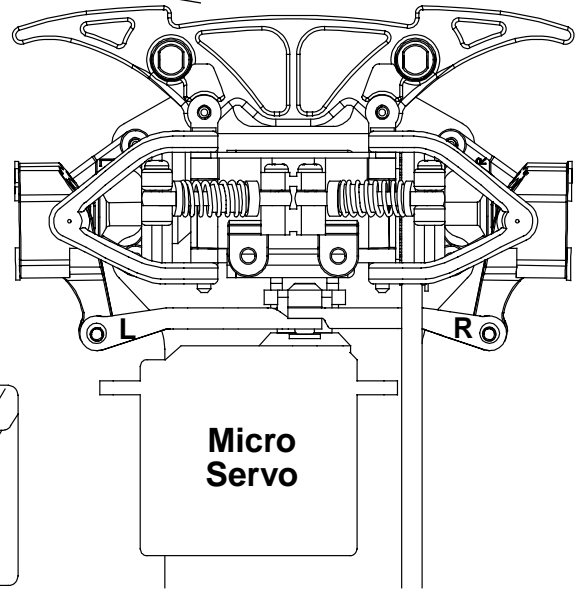
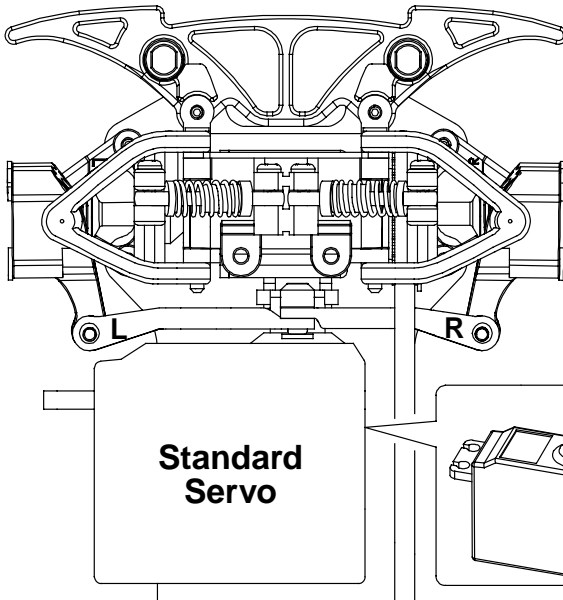
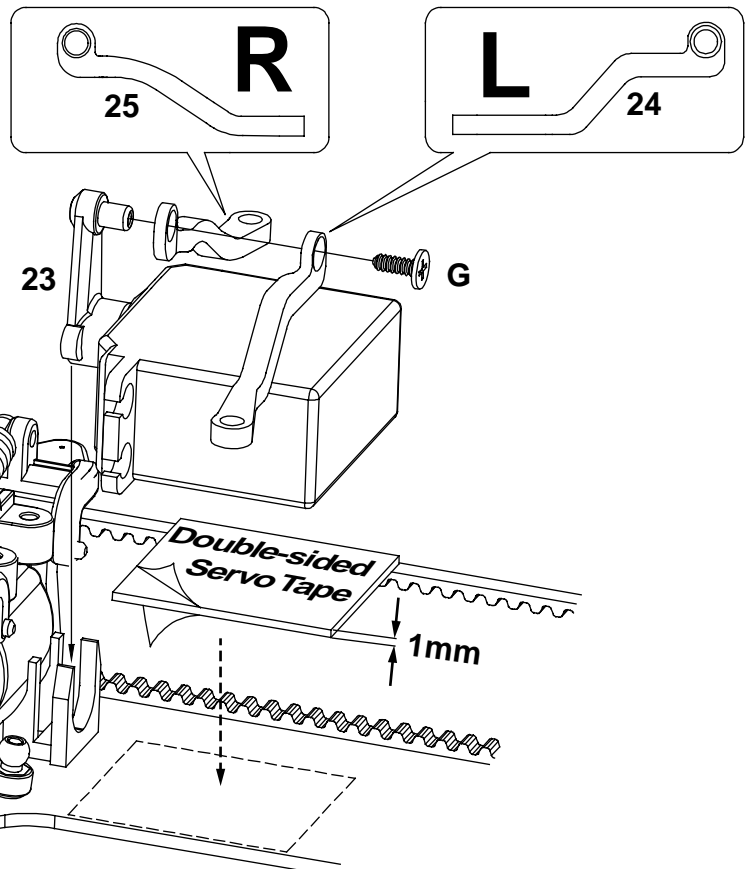


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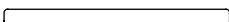


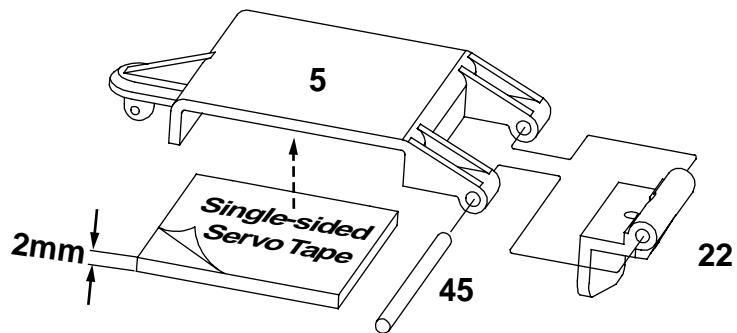
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1 (G)
 2x6mm S/T Plate Screw








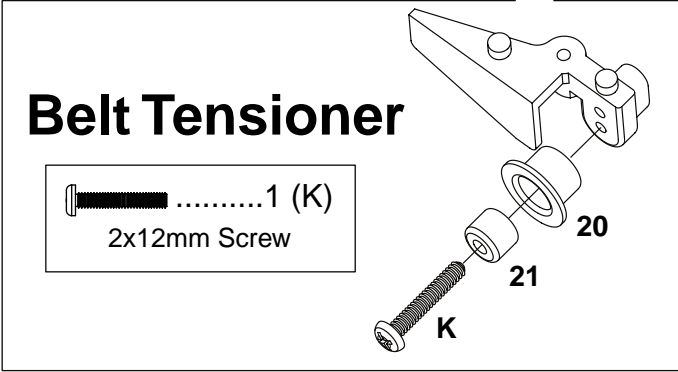
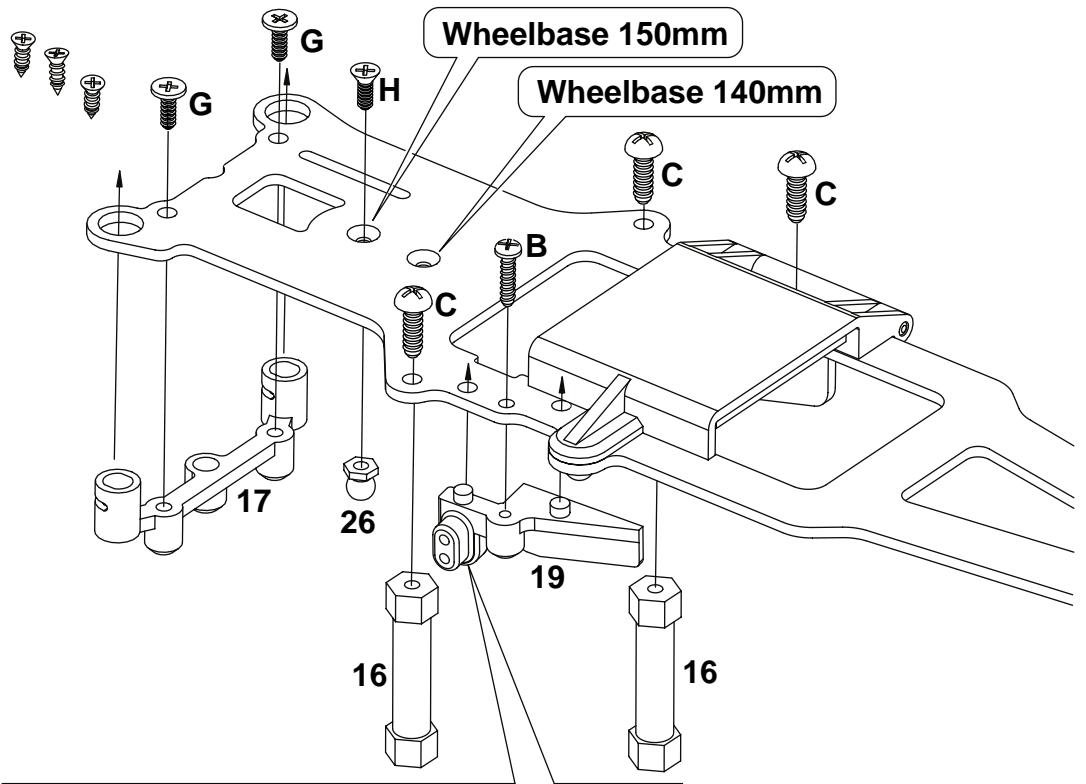
19

1 (45)
 2x30mm Shaft (45)





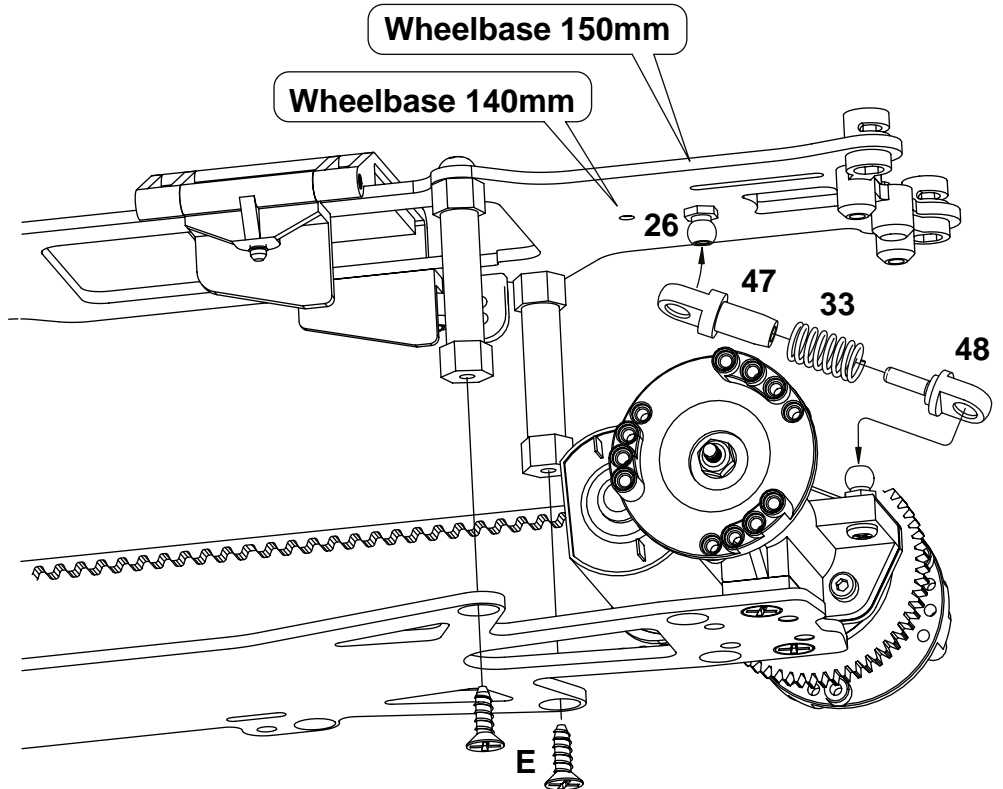
20

- 2 (G)
2x6mm S/T Plate Screw
- 1 (H)
2x6mm F/H Screw
- 1 (B)
2x8mm S/T Screw
- 3 (C)
2.6x8mm S/T Screw
- 1 (26)
3.8mm Ball



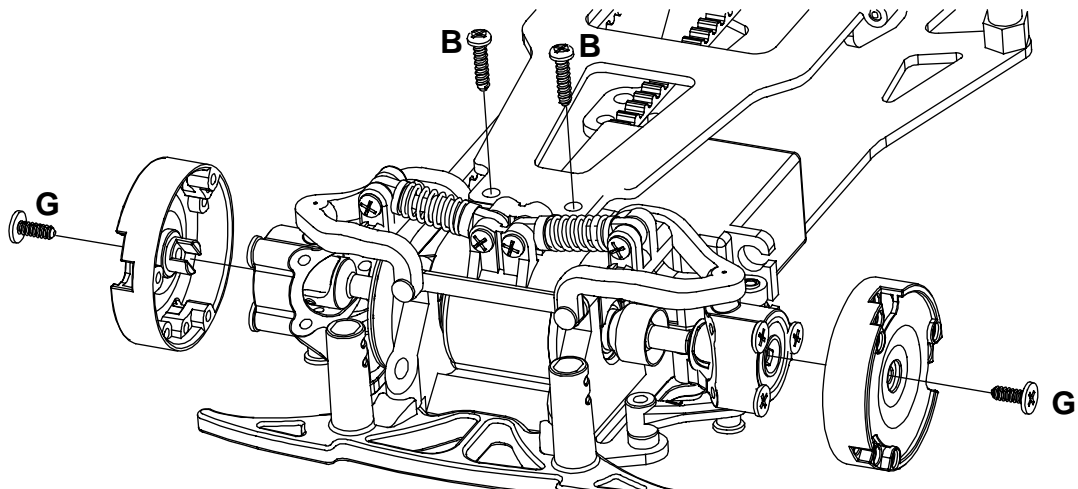
21

- 2 (E)
2.6x8mm S/T Screw
- 1 (33)
Spring

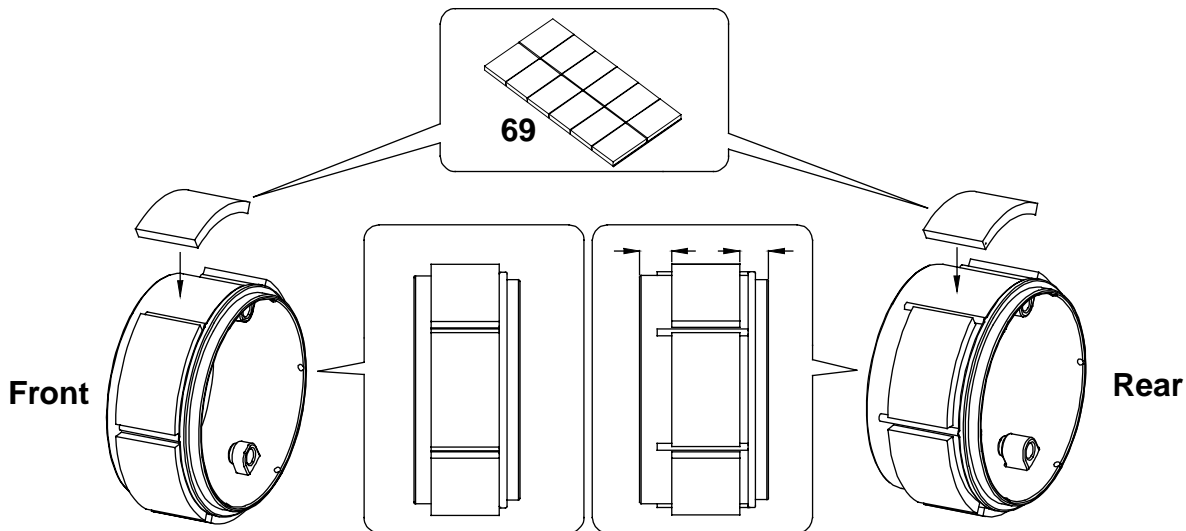


22

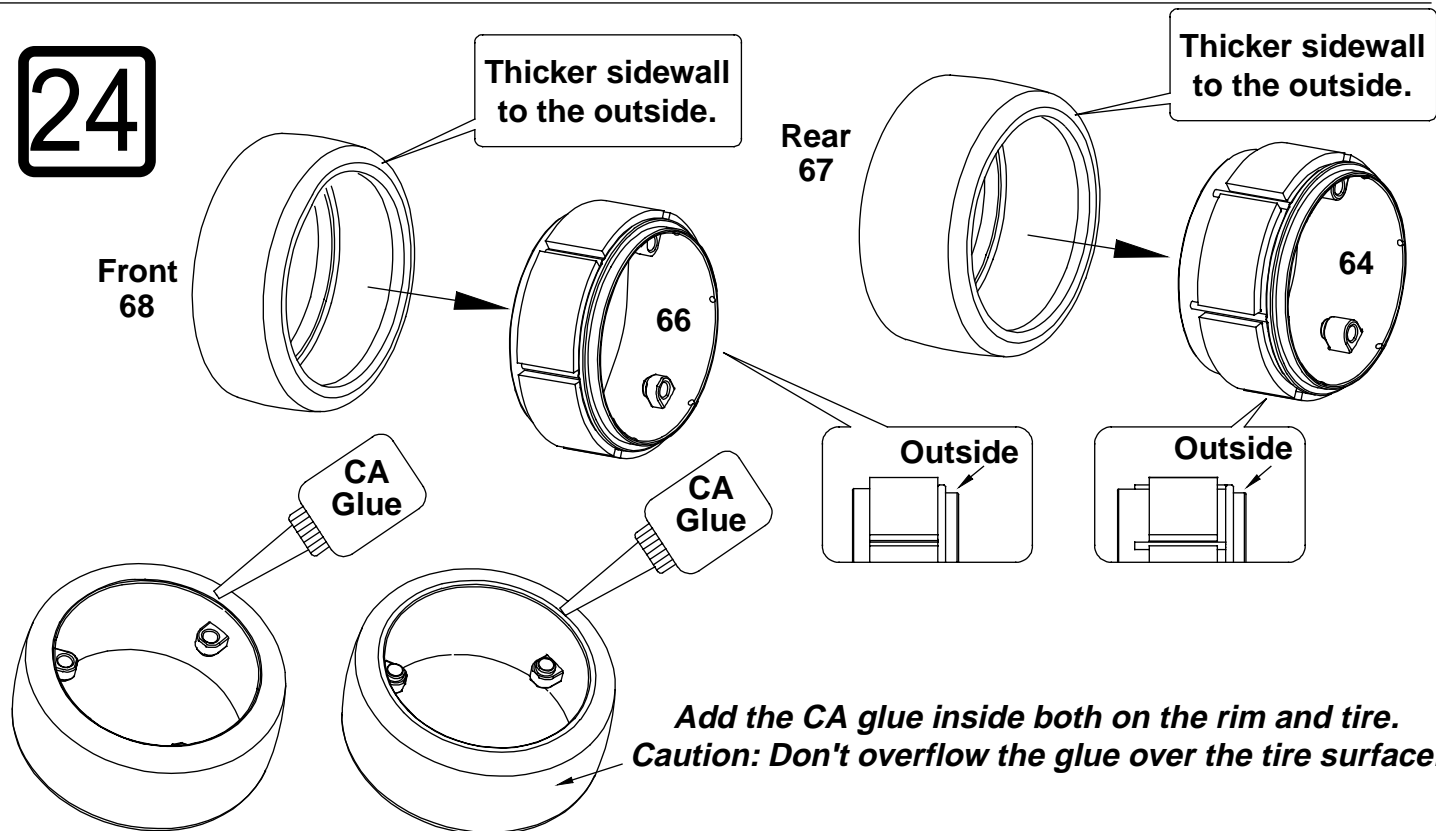
-2 (G)
2x6mm Plate Screw
-2 (B)
2xmm S/T Screw



23

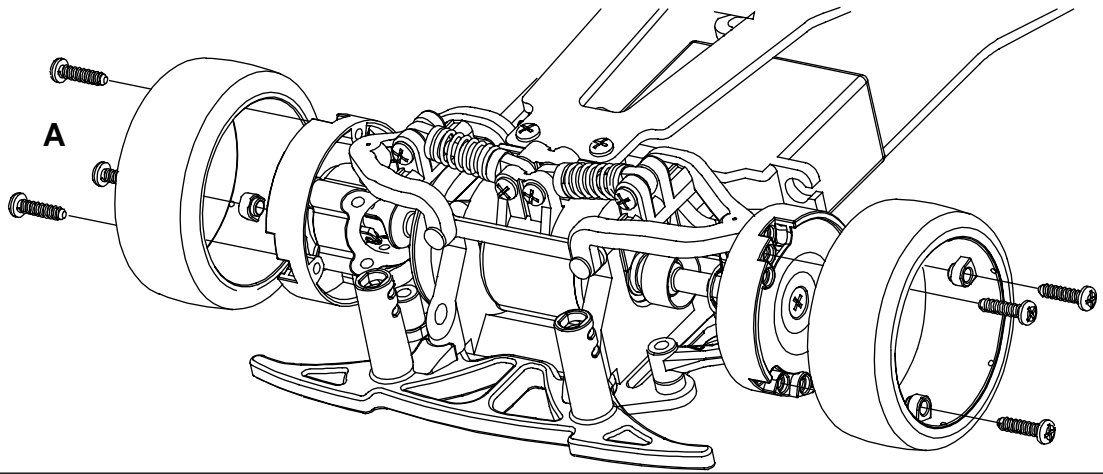


24



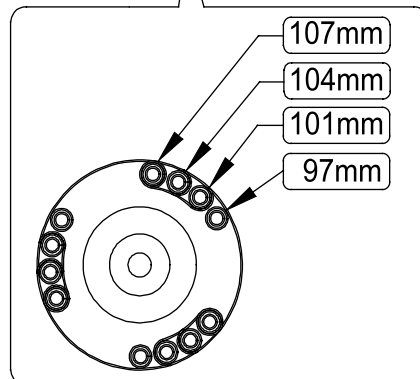
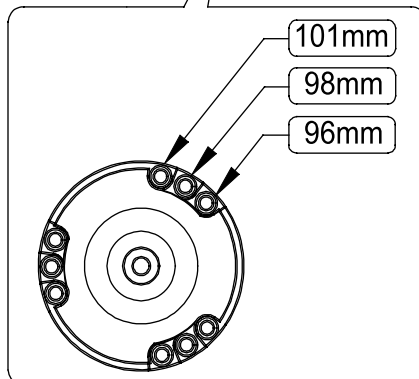
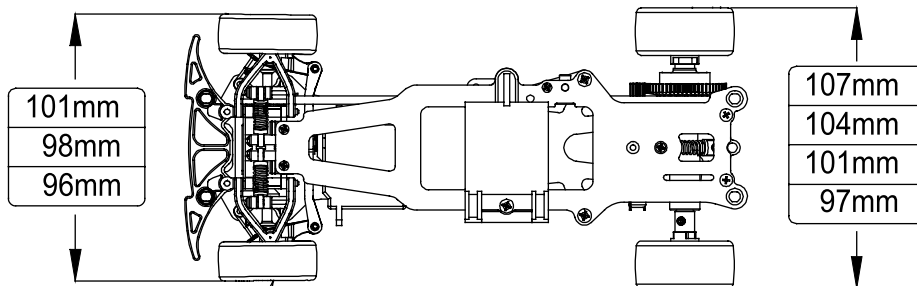
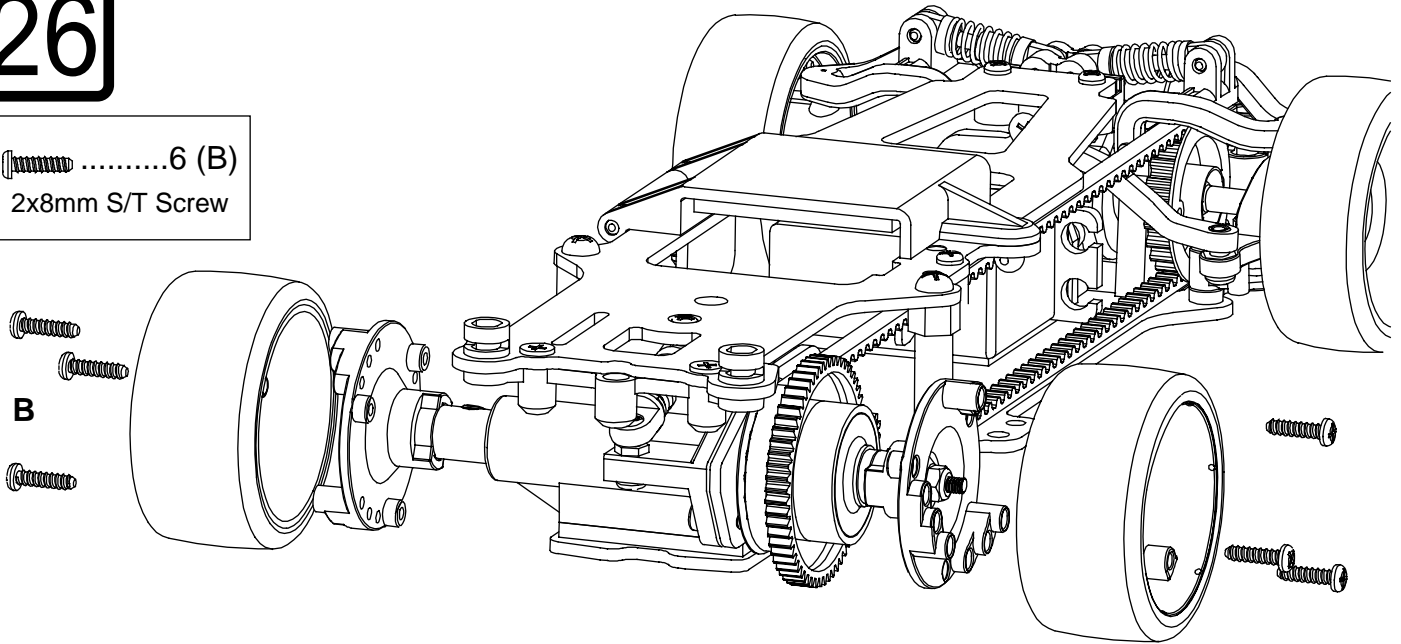
25

.....6 (A)
2x6mm S/T Screw

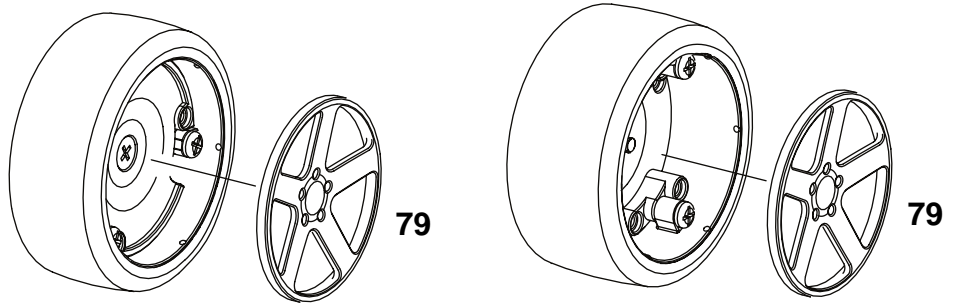
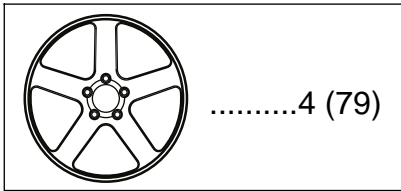


26

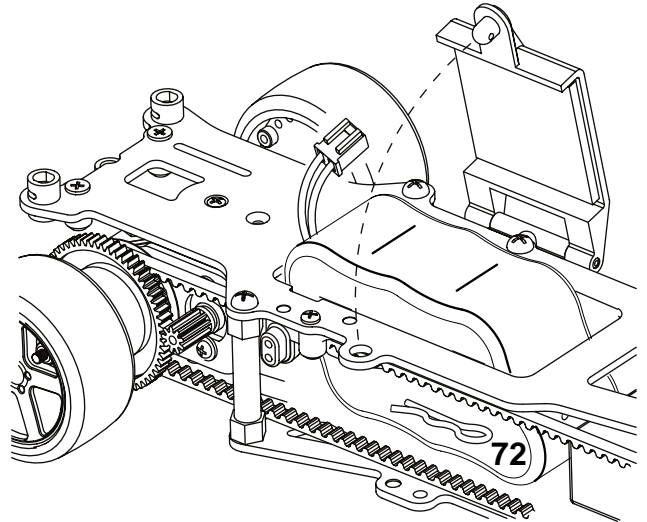
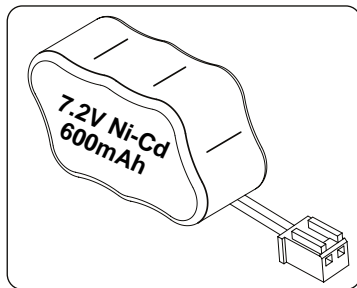
.....6 (B)
2x8mm S/T Screw



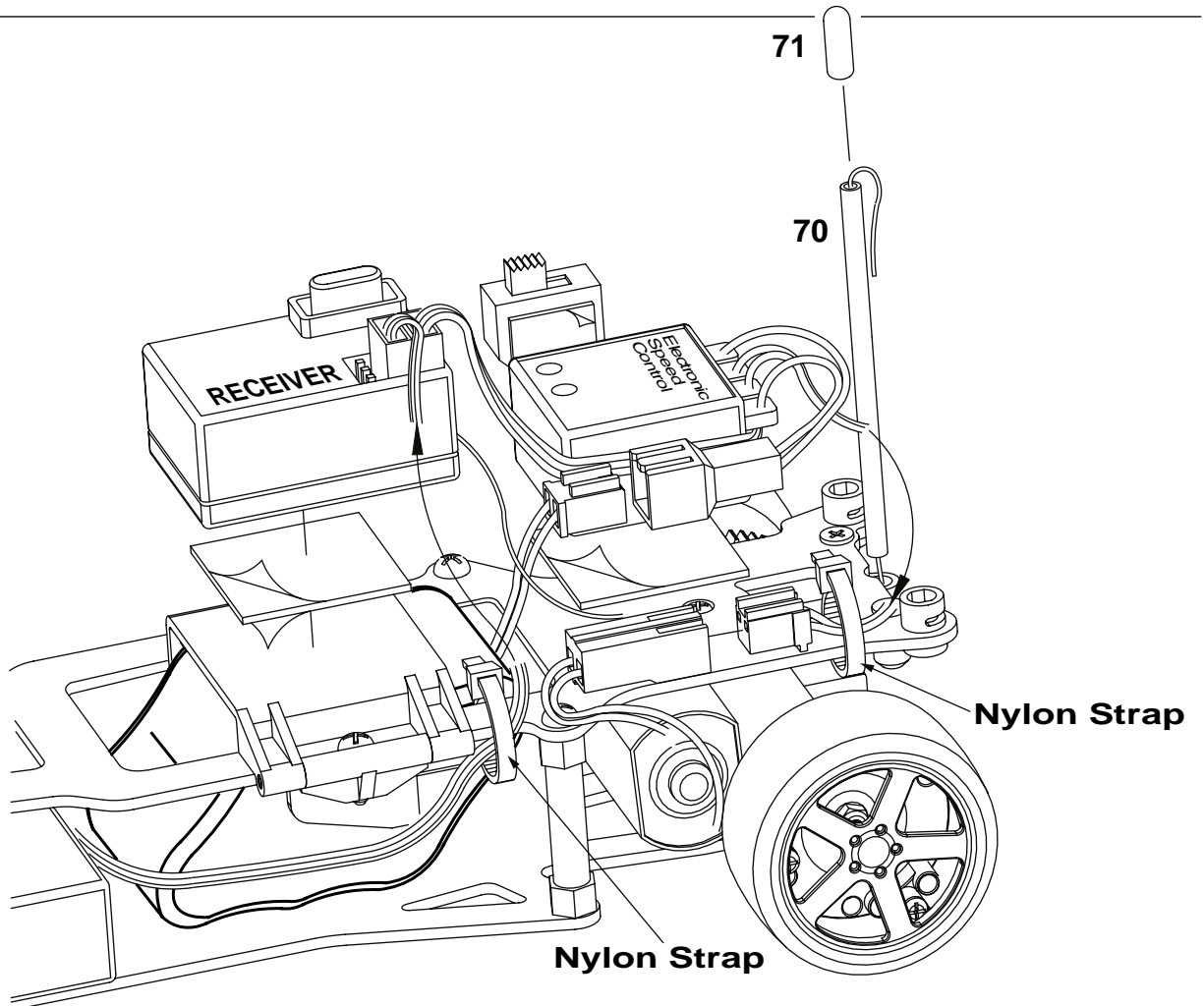
27



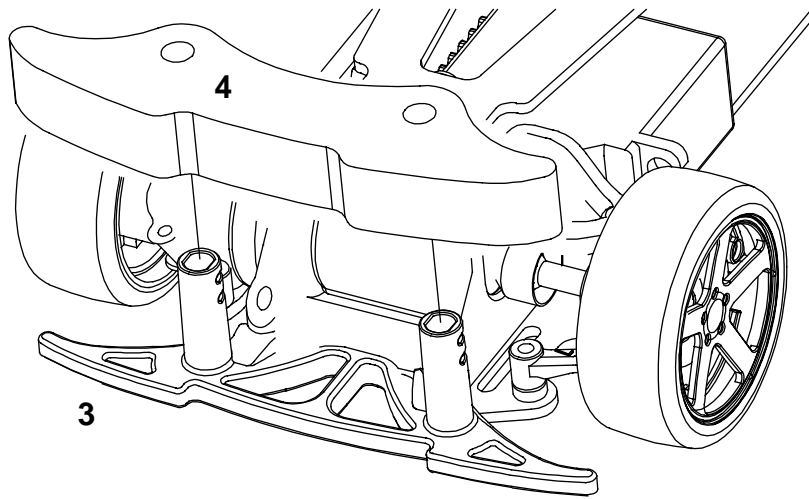
28



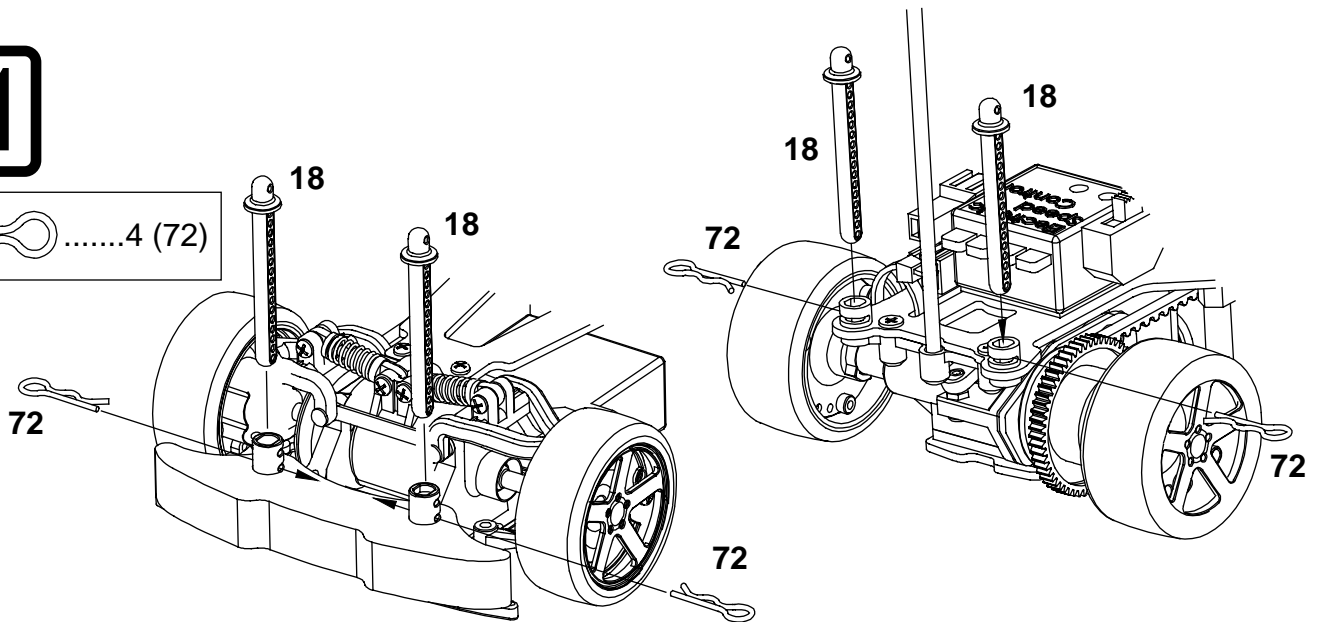
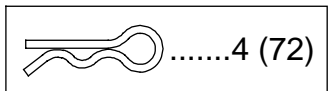
29







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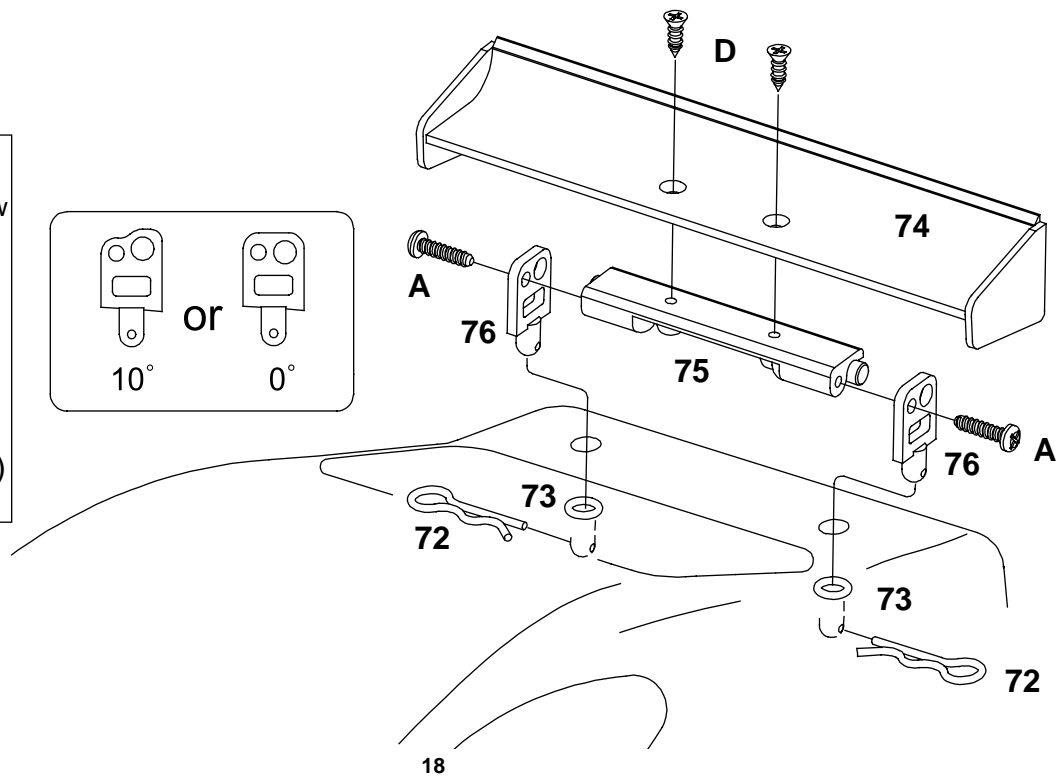
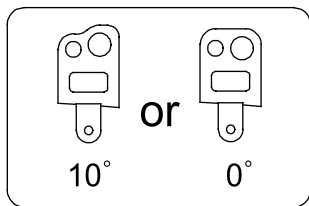


31



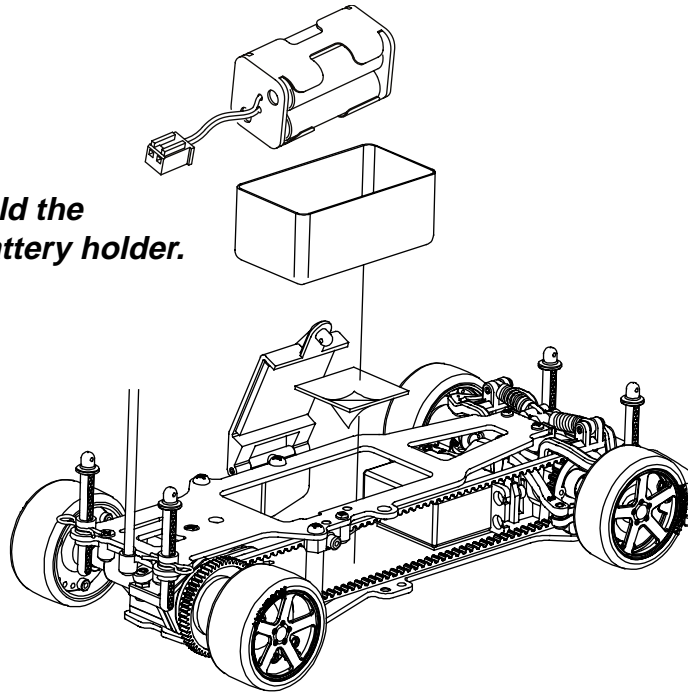
32

- 2 (D)
2x6mm S/T F/H Screw
- 2 (A)
2x6mm S/T Screw
- 2 (73)
O-Ring
- 2 (72)



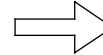
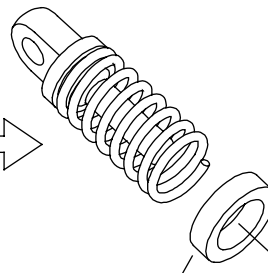
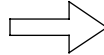
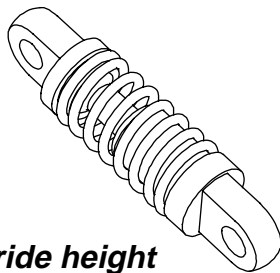
Universal Battery Case

Use this battery box to hold the included optional "AA" battery holder.

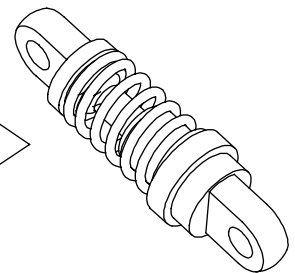


Shock Collar

Standard



Hard



To raise the front ride height of the car, add the included shock collar as shown.

Shock Collar

MAINTENANCE TIPS

BEFORE EACH RUN

- Make sure the batteries in the transmitter are charged.
- Make sure there are no loose or damaged parts on the kit.
- Check the drive train for binding that could cause possible damage to the kit or the electronics.
- Check that the ESC and receiver are properly secured to the chassis.
- Check to make sure all wires are properly secured

AFTER EACH RUN

- Clean any large globs of dirt, carpet fuzz or any other debris from the chassis.
- Disconnect and remove the battery from the Micro Street Force.
- Check for any broken or damaged parts. This way parts may be replaced before the next run.

AFTER EVERY 10 RUNS

- Check to make sure the bearings are free of debris.
- Check for a smooth gear mesh.
- Check the tires to make sure they are still properly glued to the wheels.

OTHER ITEMS AVAILABLE FROM DURATRAX



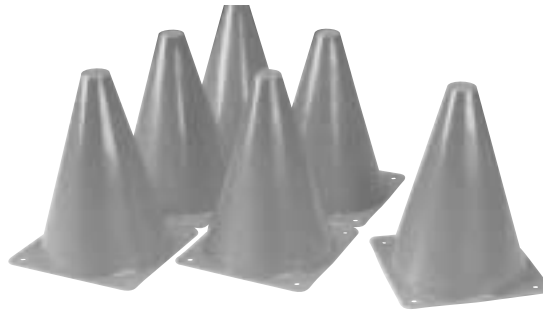
DTXP4010 TX NiCd Conversion



DTXP2027 Micro Carrier



DTXC2458 Power Shot



DTXC2377 Kwik Trak Racing Cones



DTXR0140 Screwdriver Set



DTXQ0100 Metric Phillips Head Screw Set