

TEKNO



# INTRODUCTION



Thank you for purchasing the Tekno RC EB48 1/8th Electric 4WD Competition Buggy. The EB48 represents the state-of-the-art in 1/8th Electric Buggy technology. We hope you have as much fun driving your new vehicle as we did developing it. We are always working on new projects, so please check our website ([www.teknorc.com](http://www.teknorc.com)) regularly for the latest news, parts, and kits. Thanks again.

## **Additional equipment and parts needed:**

2/3 channel radio transmitter and receiver  
1/8th scale ESC and motor  
High torque steering servo, optional brake servo  
4-6s LiPo battery  
1/8th scale buggy tires, wheels & CA glue  
Paint for body  
MOD1 Pinion (TKR4171->TKR4190)  
Or Tekno RC Traktion Drive / Elektri-Clutch slipper system (TKR4301X)

## **Tools needed:**

Hex drivers (1.5mm, 2.0mm, 2.5mm)  
Nut drivers (5.5mm, 7.0mm)  
Hobby knife  
Needle-nose pliers  
Adjustable (Crescent) wrench (for shock assembly)  
4mm turnbuckle wrench  
Lexan Body Scissors

**Disclaimer:** Tekno RC is not responsible or liable for any property or personal damage, loss, or injury incurred as a result of using this product. This kit is meant for use by persons 14 years of age or older and in the strict confines of a legally permitted RC track or facility.

**Warnings:** Always double-check that your radio gear is working properly before operating vehicle. Never operate the vehicle indoors (unless the RC track is an indoor facility). Use caution while operating vehicle so as not to collide with people who may be turn mashing or who might otherwise not be aware that a fast moving RC vehicle is in the vicinity.

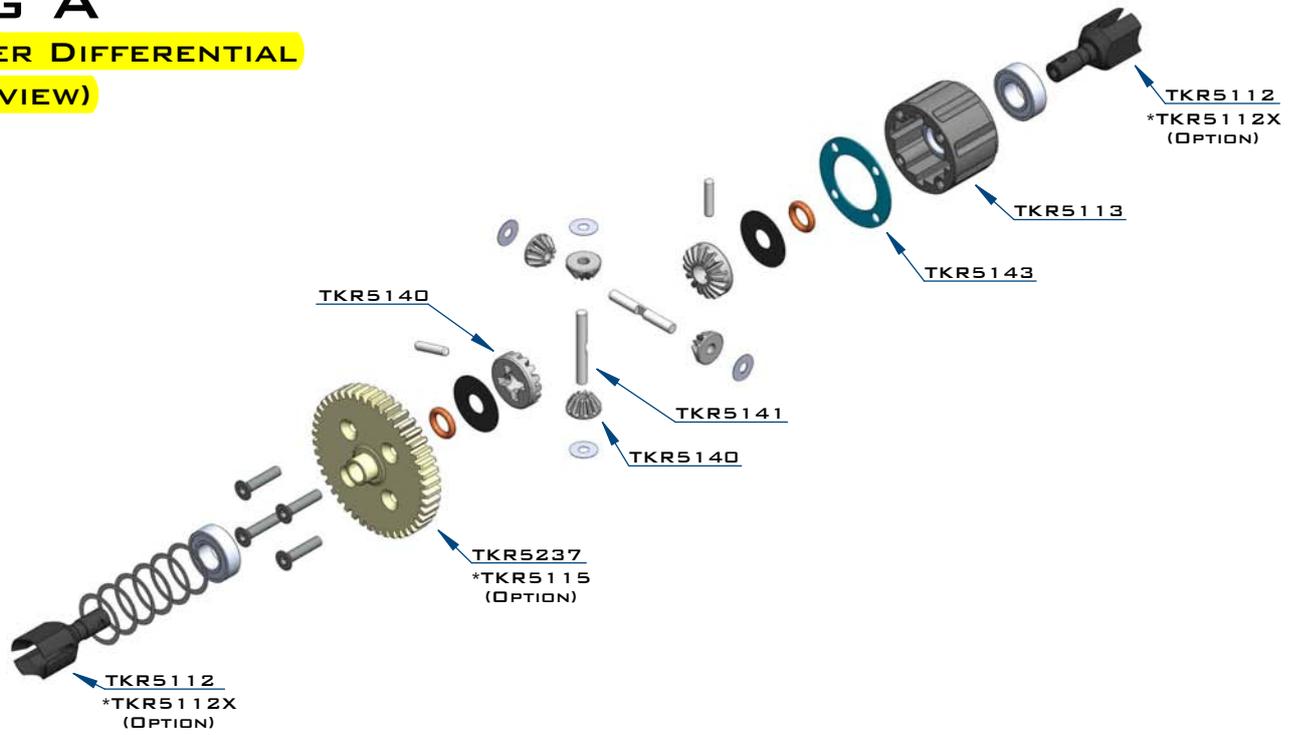
**Warranty:** We warrant that the parts included in this kit are free from defects. If you find a defective part in your kit, please contact us @ [info@teknorc.com](mailto:info@teknorc.com) and we will help you to resolve the issue. We do not warranty parts that may be broken during operation of the vehicle or otherwise. Refer to the end of this instruction manual for a listing of spare/replacement and option parts. All spare parts and other info are available on our website ([www.teknorc.com](http://www.teknorc.com)) and through our network of domestic and international dealers and distributors.

This project is dedicated to Herb Lewis.

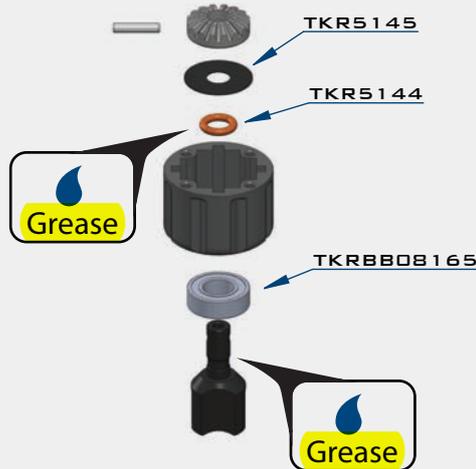
# BAG A

## CENTER DIFFERENTIAL

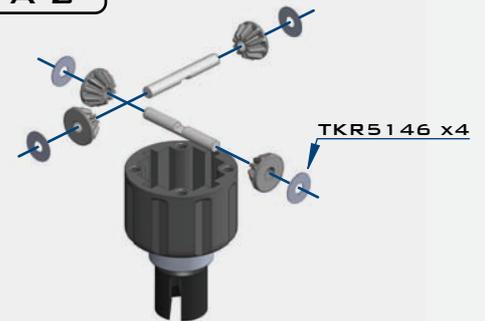
### (OVERVIEW)



#### STEP A-1

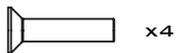


#### STEP A-2



x6

TKR1222  
13x16x0.1mm **DIFF SHIM**



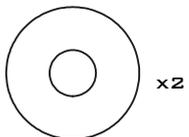
x4

TKR1325  
M3x14mm **FLAT HEAD SCREW**



x2

TKR5144  
**DIFFERENTIAL O-RINGS**



x2

TKR5145  
**DIFFERENTIAL SHIMS (6x17mm)**



x4

TKR5146  
**DIFFERENTIAL SHIMS (3x8x0.15mm)**



x2

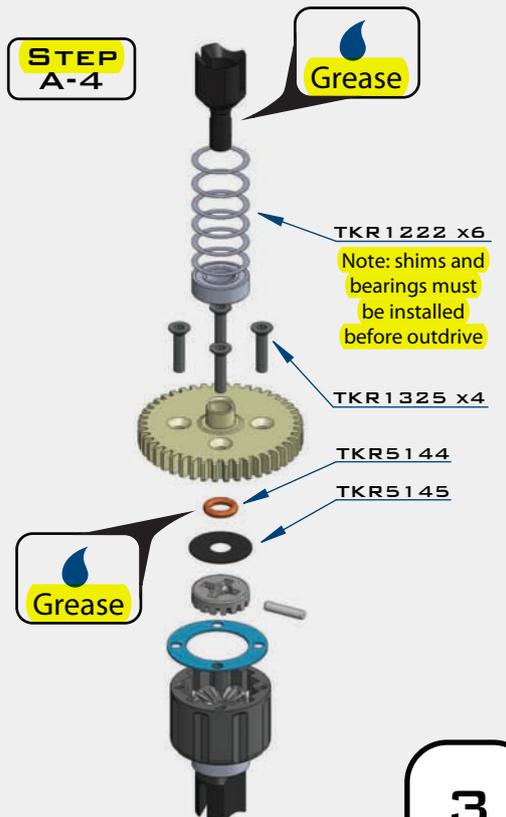
TKRBB08165  
**BALL BEARING (8x16x5mm)**

#### STEP A-3



Fill with 7000 wt oil to the top of spider gears

#### STEP A-4



Grease

TKR1222 x6  
Note: shims and bearings must be installed before outdrive

TKR1325 x4

TKR5144

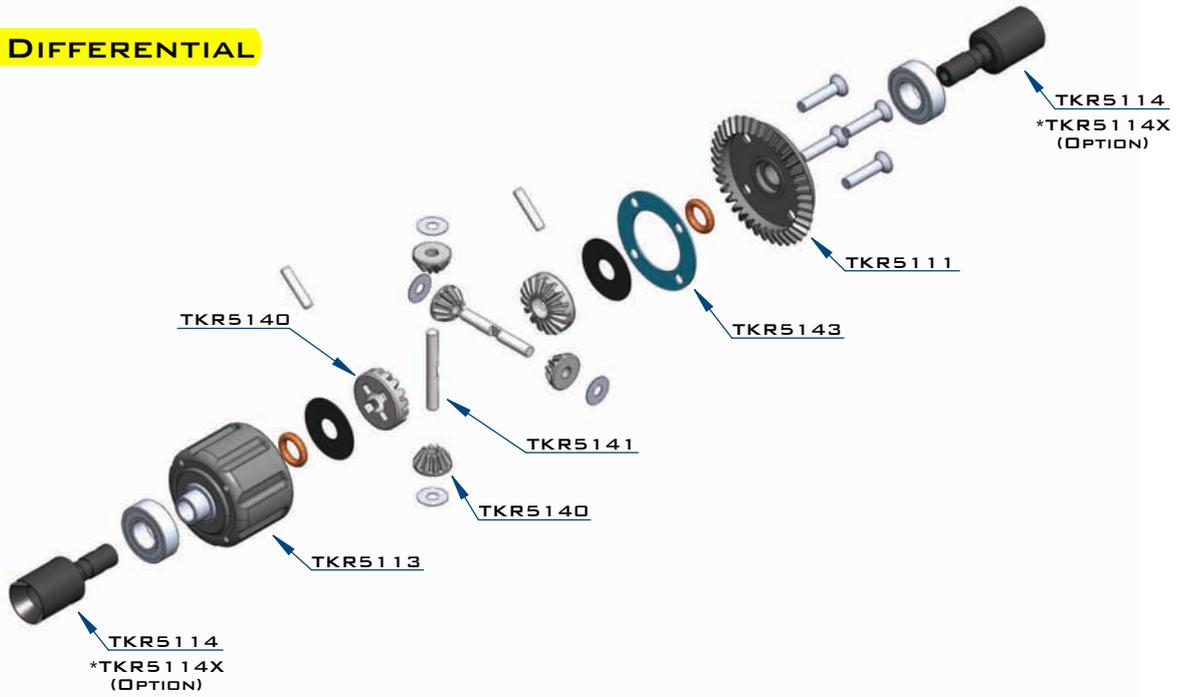
TKR5145

Grease

# BAG B

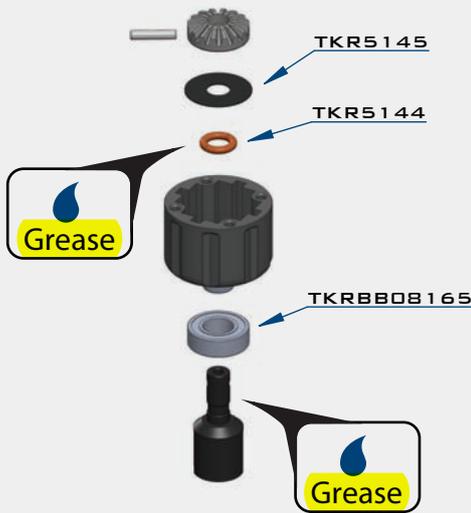
## FRONT/REAR DIFFERENTIAL

### (OVERVIEW)



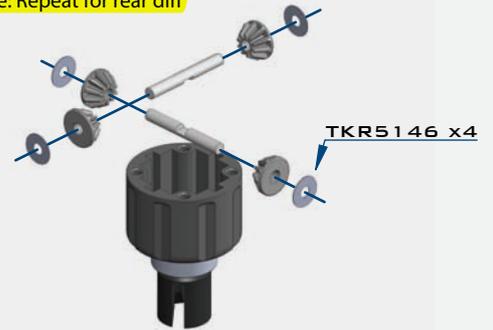
#### STEP B-1

Note: Repeat for rear diff



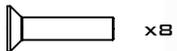
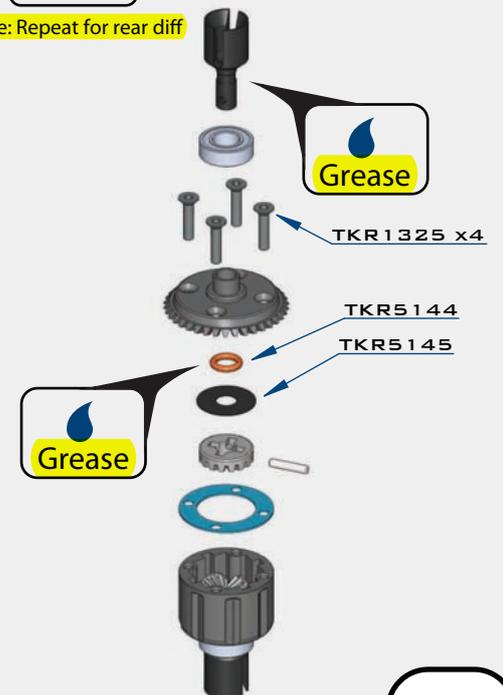
#### STEP B-2

Note: Repeat for rear diff



#### STEP B-4

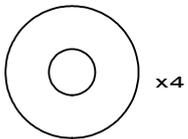
Note: Repeat for rear diff



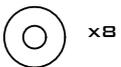
TKR1325  
M3X14MM **FLAT HEAD SCREW**



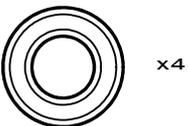
TKR5144  
**DIFFERENTIAL O-RINGS**



TKR5145  
**DIFFERENTIAL SHIMS (6X17MM)**



TKR5146  
**DIFFERENTIAL SHIMS (3X8X0.15MM)**



TKRBB08165  
**BALL BEARING (8X16X5MM)**

#### STEP B-3

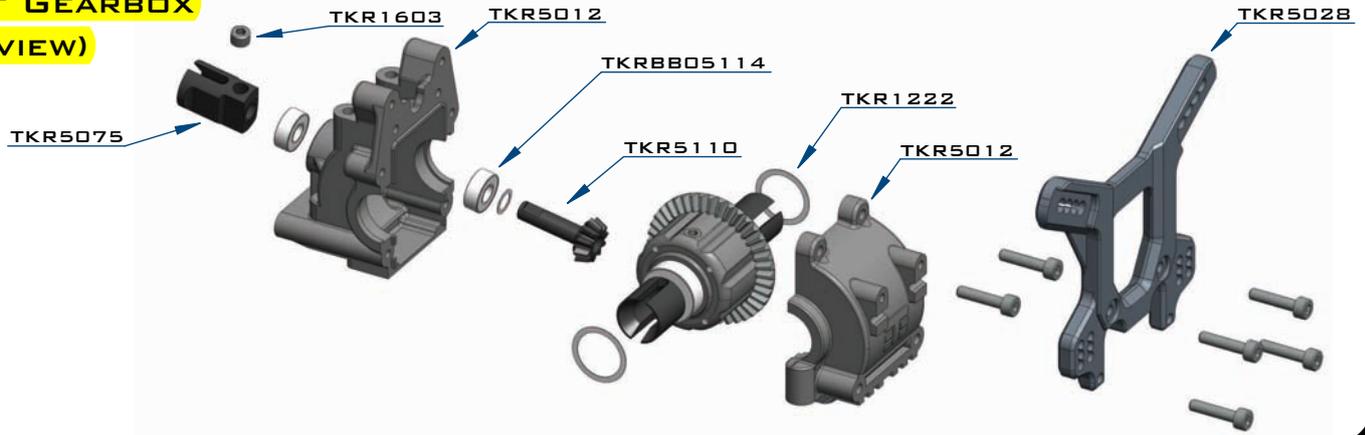
Note: Repeat for rear diff



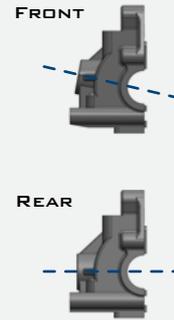
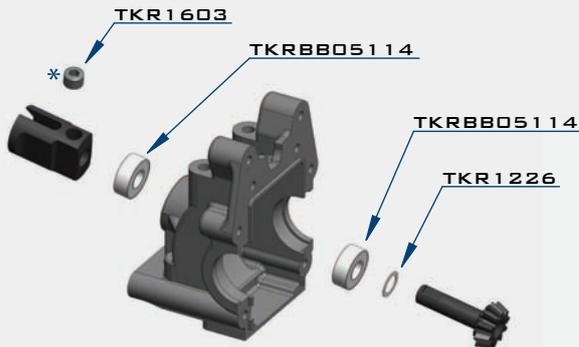
Fill with 5000 wt front,  
3000 wt rear, to the top  
of spider gears

# BAG C

## FRONT GEARBOX (OVERVIEW)



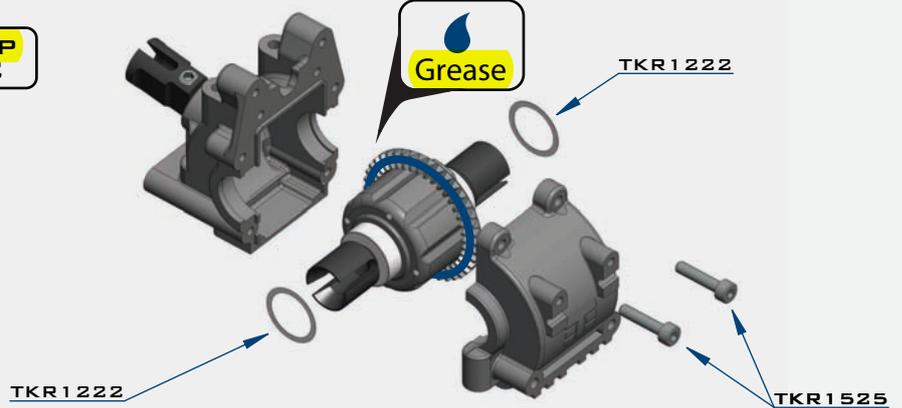
### STEP C-1



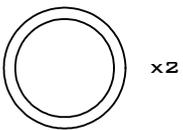
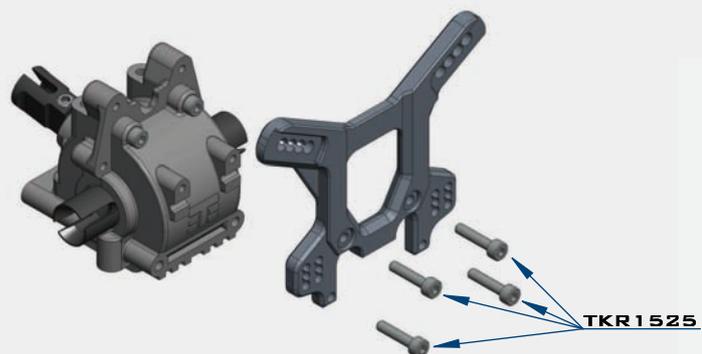
Note: The front and rear of the car use different inner bulkheads. The front is angled whereas the rear is straight.

Note: TKR1222 and TKR1226 Shims - The gear mesh should be tight without any binding. TKR1226 should always be installed. Then test fitment of the diff with both TKR1222 shims on the gear-side of the diff. If the diff turns freely without binding, continue to next step. If the diff binds and does not turn freely (it will make a grinding or crunching sound when spun), remove one TKR1222 shim from the gear side and install it onto the other side of the diff. Reassemble and test the mesh again. If it is still binding, remove the second TKR1222 shim from the gear side and install it onto the other side of the diff. When you are satisfied that you have the best gear mesh possible continue to the next step.

### STEP C-2



### STEP C-3



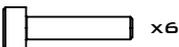
x2

TKR1222  
13x16x0.1MM **DIFF SHIM**



x1

TKR1226  
5x7x0.2MM **SHIM**



x6

TKR1525  
M3x14MM **CAP HEAD SCREW**



x1

TKR1603  
M5x4MM **SET SCREW**



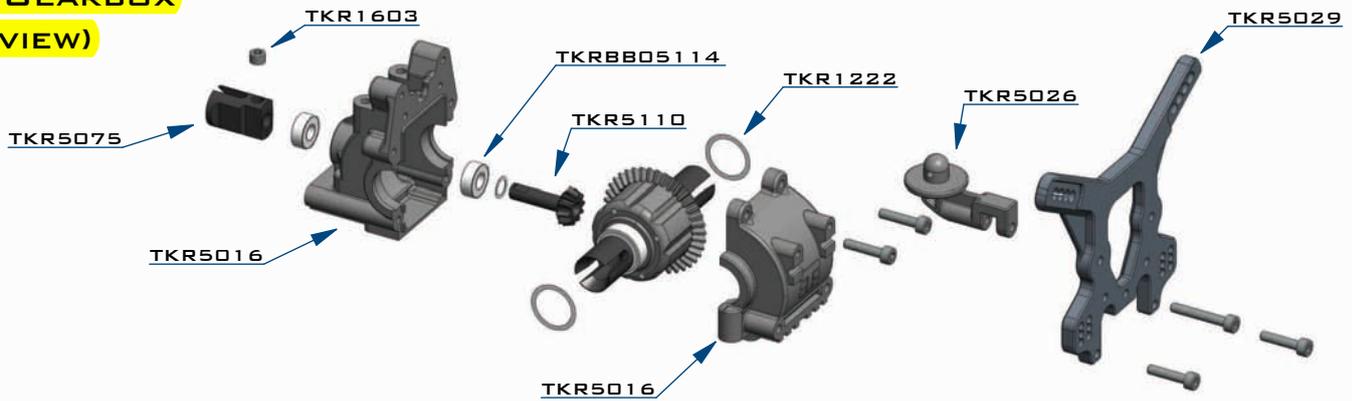
x2

TKRBB05114  
**BALL BEARING** (5x11x4)

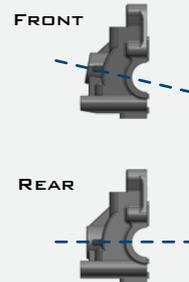
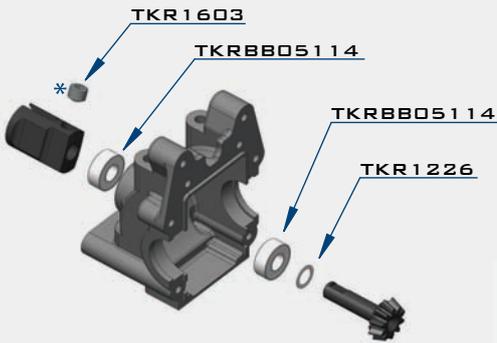
# BAG D

## REAR GEARBOX

### (OVERVIEW)

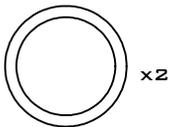


### STEP D-1



Note: The front and rear of the car use different inner bulkheads. The front is angled whereas the rear is straight.

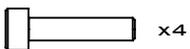
Note: TKR1222 and TKR1226 Shims - The gear mesh should be tight without any binding. TKR1226 should always be installed. Then test fitment of the diff with both TKR1222 shims on the gear-side of the diff. If the diff turns freely without binding, continue to next step. If the diff binds and does not turn freely (it will make a grinding or crunching sound when spun), remove one TKR1222 shim from the gear side and install it onto the other side of the diff. Reassemble and test the mesh again. If it is still binding, remove the second TKR1222 shim from the gear side and install it onto the other side of the diff. When you are satisfied that you have the best gear mesh possible continue to the next step.



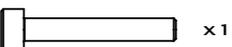
TKR1222  
13x16x0.1MM **DIFF SHIM**



TKR1226  
5x7x0.2MM **SHIM**



TKR1525  
M3x14MM **CAP HEAD SCREW**



TKR1529  
M3x20MM **CAP HEAD SCREW**

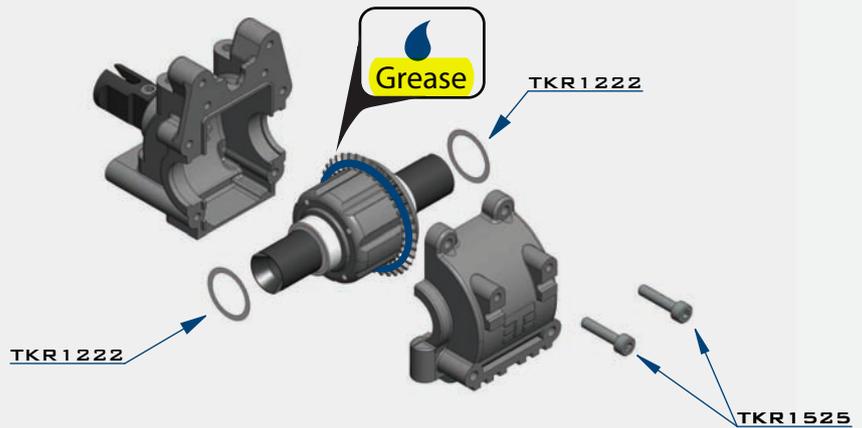


TKR1603  
M5x4MM **SET SCREW**

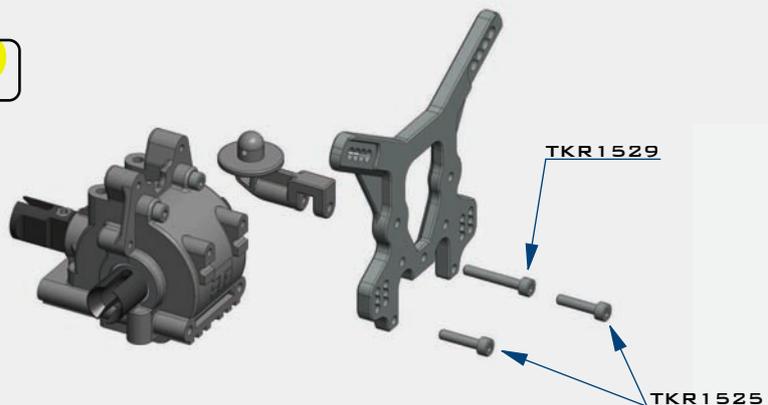


TKRBB05114  
**BALL BEARING (5x11x4)**

### STEP D-2

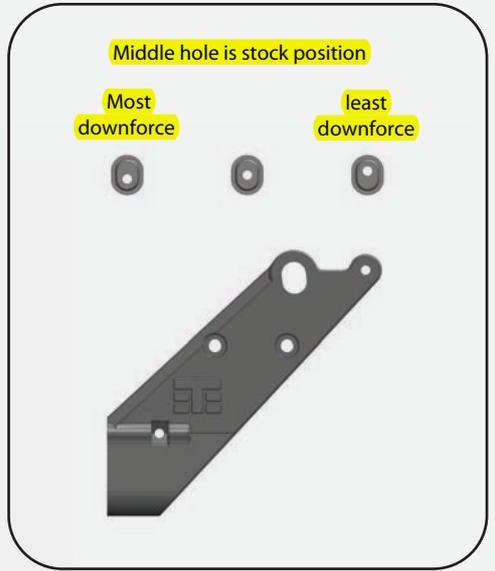


### STEP D-3

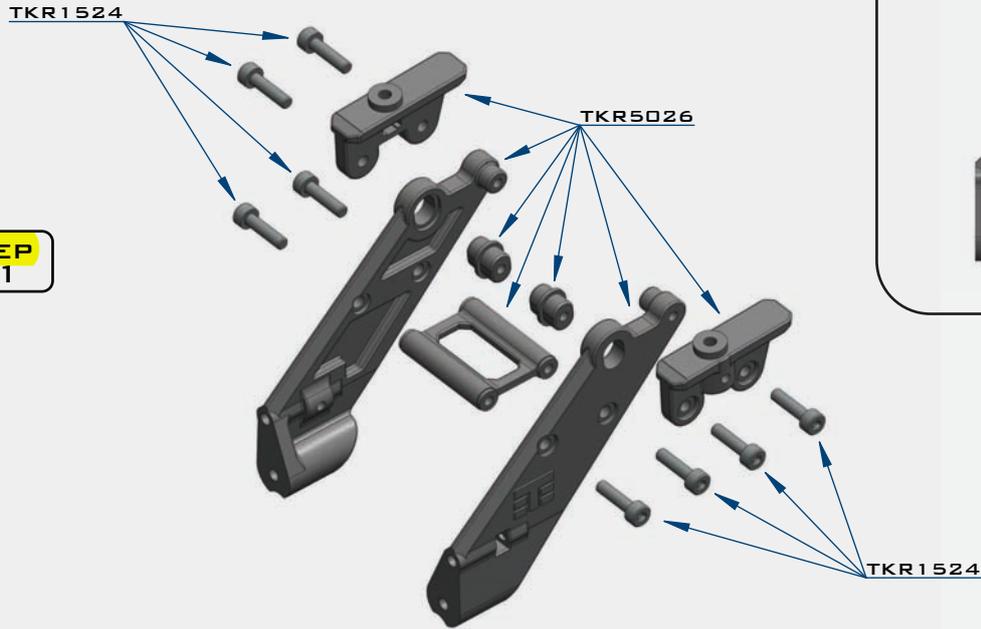


# BAG E

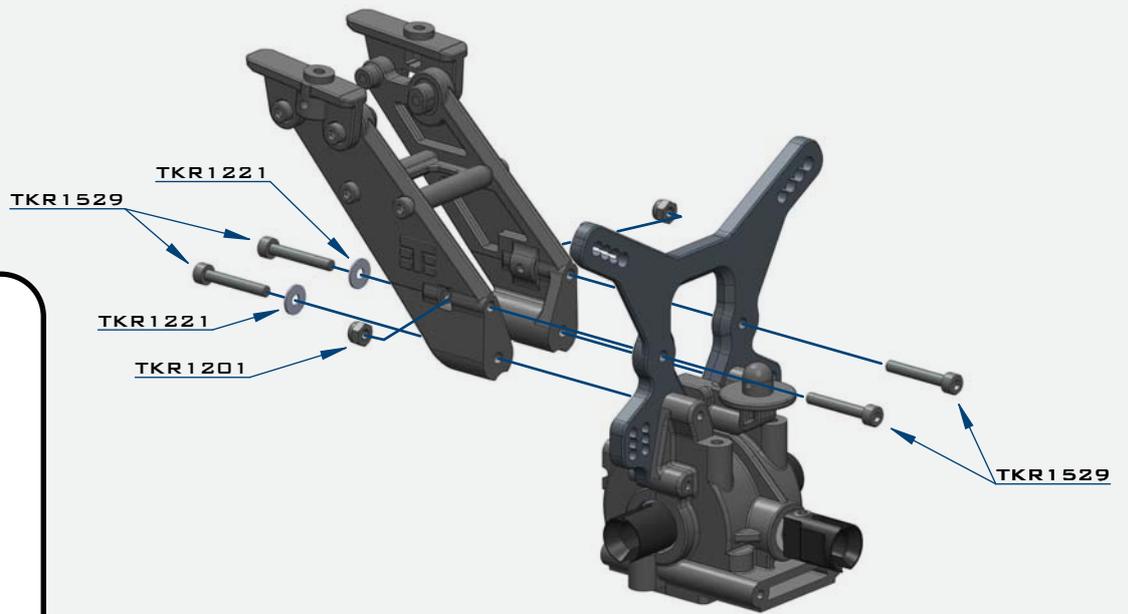
## WING MOUNT



### STEP E-1



### STEP E-2



x2  
TKR1201  
M3 LOCK NUT BLACK

x2  
TKR1221  
M3X8MM WASHER

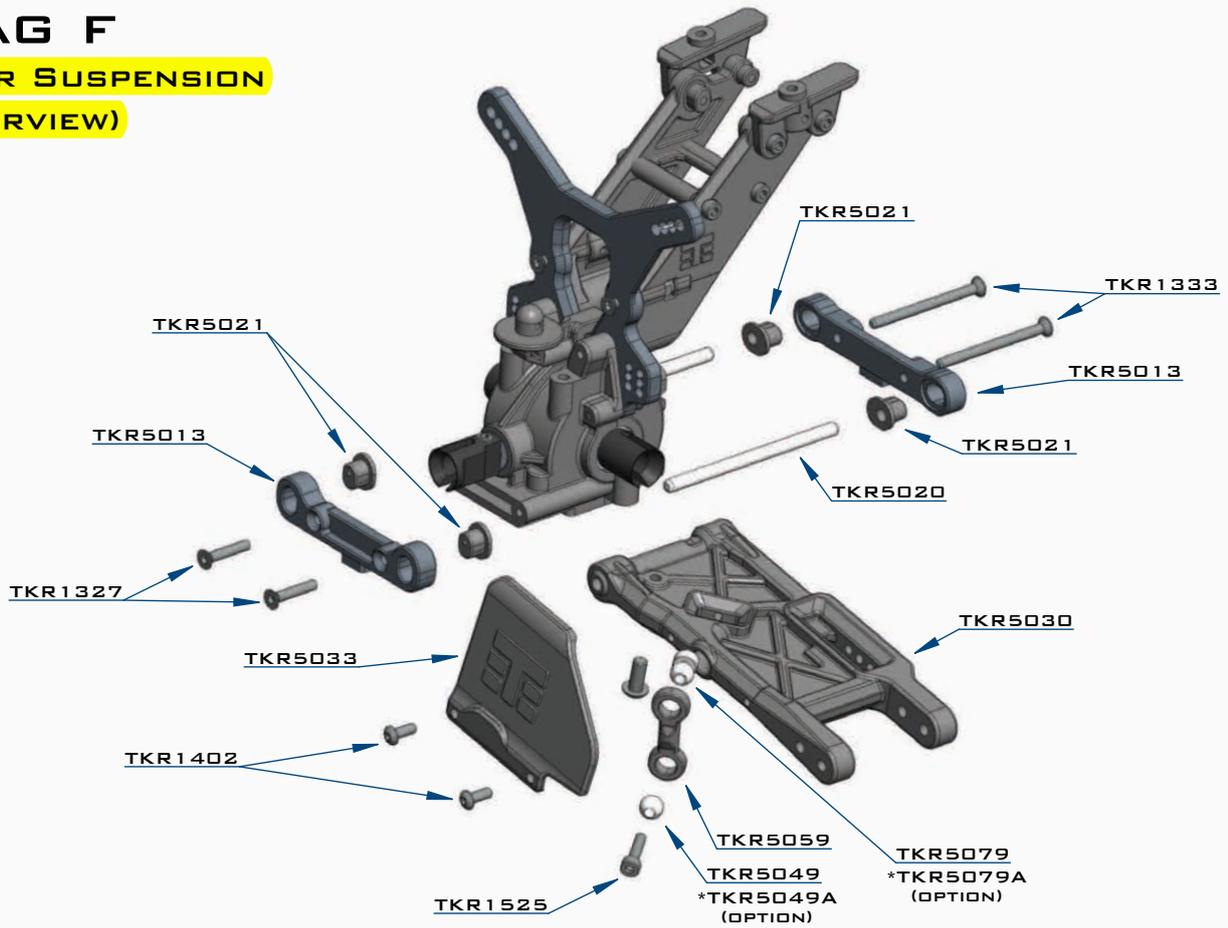
x8  
TKR1524  
M3X12MM CAP HEAD SCREW

x4  
TKR1529  
M3X20MM CAP HEAD SCREW

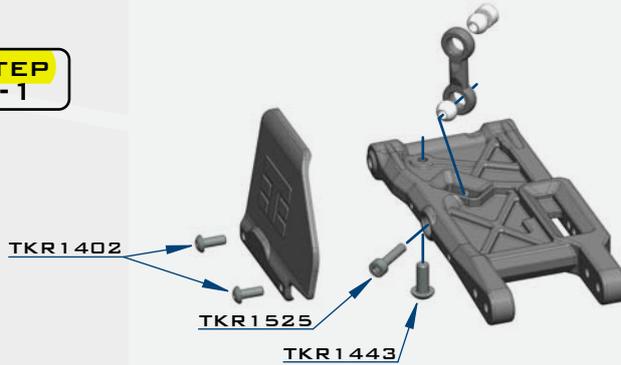
# BAG F

## REAR SUSPENSION

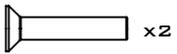
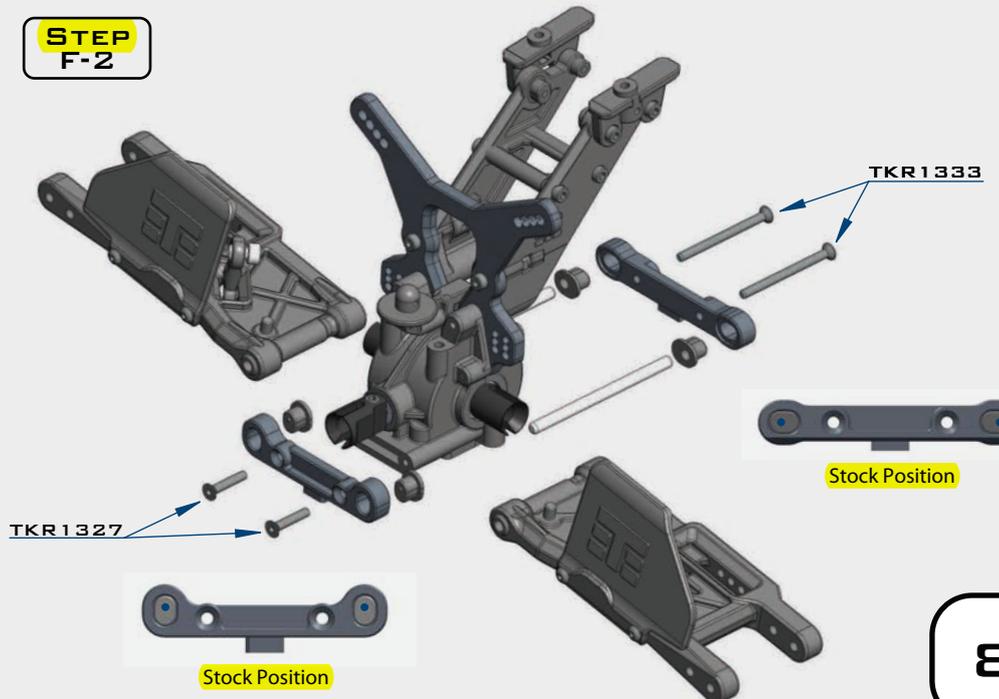
### (OVERVIEW)



### STEP F-1



### STEP F-2



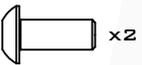
TKR1327  
M3x16MM **FLAT HEAD SCREW**



TKR1333  
M3x40MM **FLAT HEAD SCREW**



TKR1402  
M3x8MM **BUTTON HEAD SCREW**



TKR1443  
M4x10MM **BUTTON HEAD SCREW**



TKR1525  
M3x14MM **CAP HEAD SCREW**



TKR5049  
**PIVOT BALL SWAY BAR**



TKR5079  
**STABILIZER BALL**

# BAG F

## REAR SWAY BAR

TKR5082 - 2.4MM  
(OPTION)

\*TKR5080 - 2.2MM

\*TKR5081 - 2.3MM

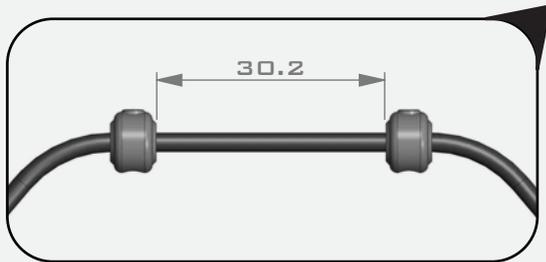
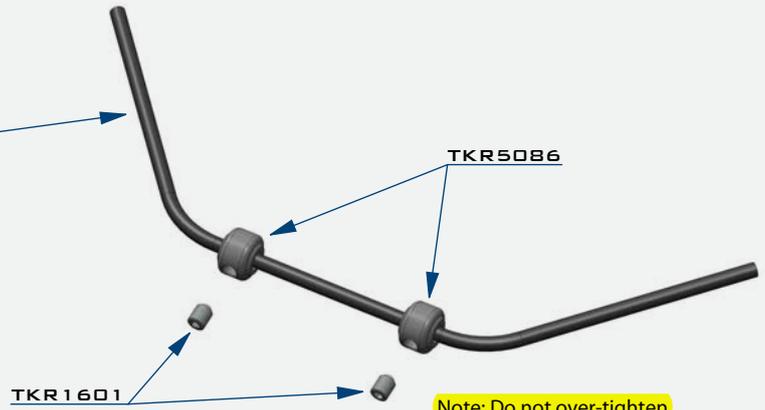
\*TKR5083 - 2.5MM

\*TKR5084 - 2.6MM

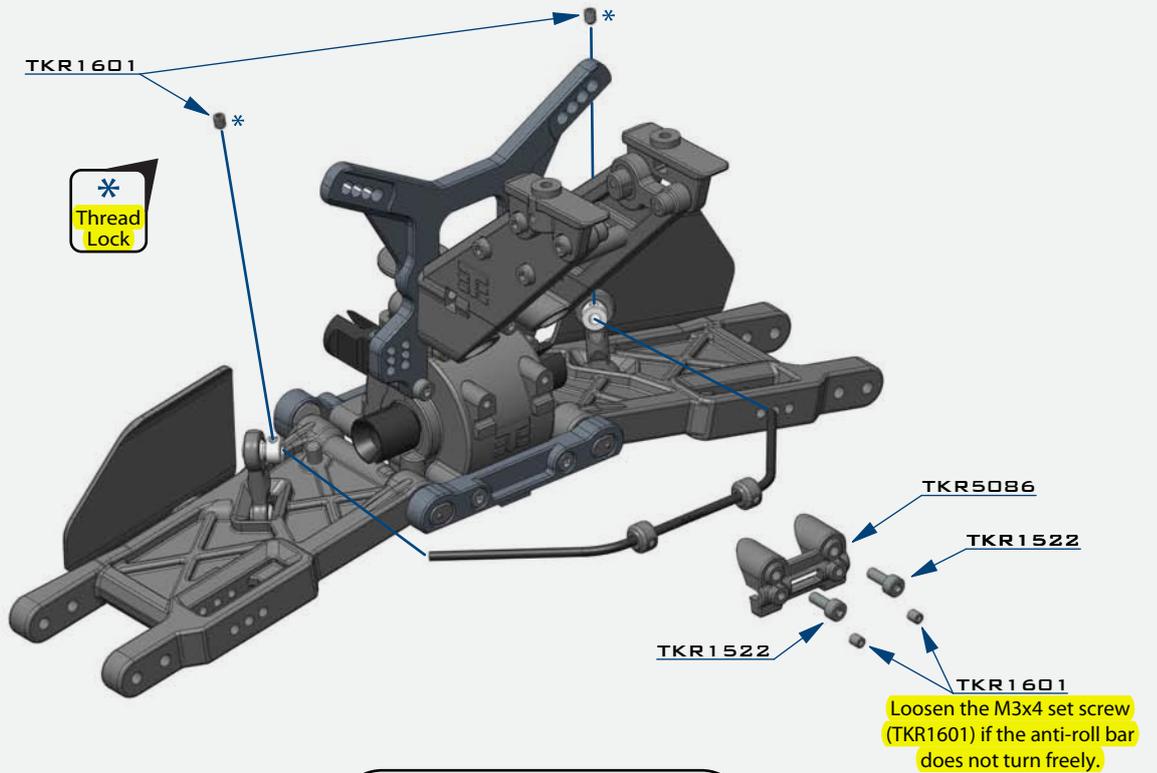
\*TKR5085 - 2.8MM

\*TKR5087 - 3.0MM

**STEP**  
F-3



**STEP**  
F-4



x2

TKR1522  
M3x8MM **CAP HEAD SCREW**



x6

TKR1601  
M3x4MM **SET SCREW**



Install the Sway Bar Ball onto the Sway Bar Wire until the end of the wire is flush with the ball as picture above.

# BAG G

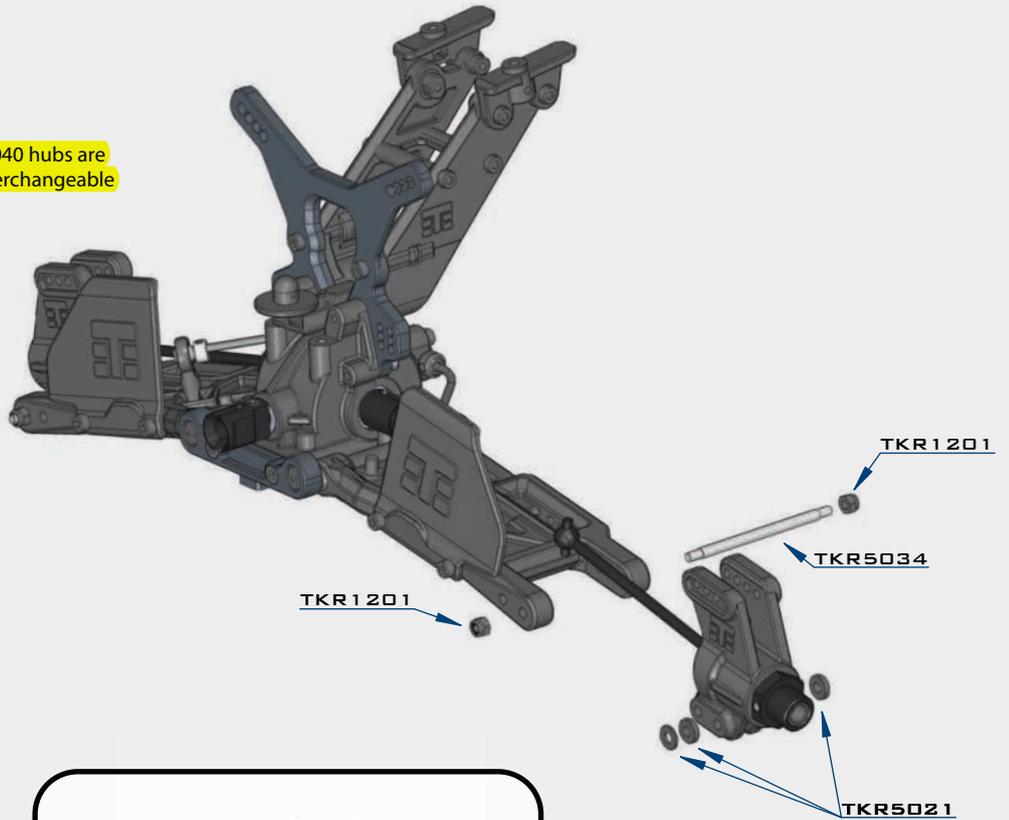
## REAR HUB/CVA ASSEMBLY

**STEP G-1**



**STEP G-2**

Note: TKR5040 hubs are left/right interchangeable



x4

TKR1201  
M3 **LOCKNUT BLACK**



x2

TKR1603  
M5x4MM **SET SCREW**



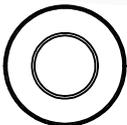
x2

TKR5071  
M3x16.8MM **PIN**



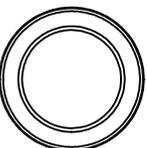
x2

TKR5073  
**CV JOINT PIN**



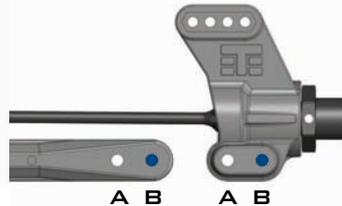
x2

TKRBB08165  
**BALL BEARING (8x16x5)**



x2

TKRBB13194  
**BALL BEARING (13x19x4)**



Hole "B" is the stock position

\*Only use hole A in the arm with hole A in the hub

\*Only use hole B in the arm with hole B in the hub

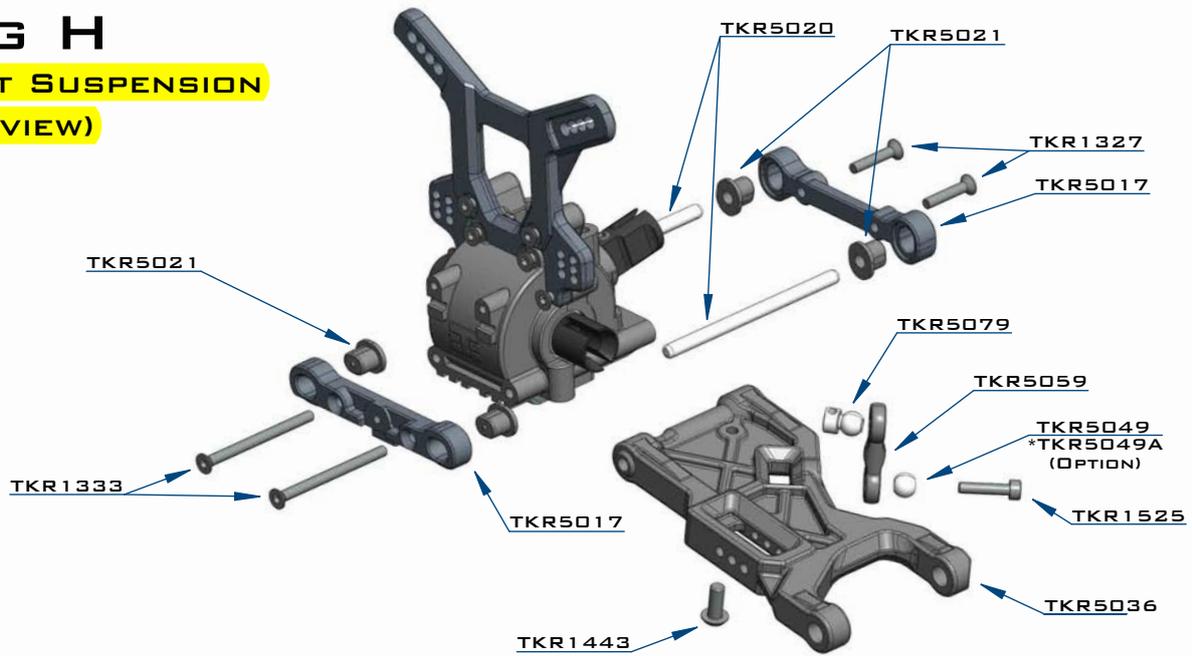
The outside hole offers greater stability and is recommended for bumpy open tracks. Inside hole offers greater amount of steering and is recommended for flat technical tracks.



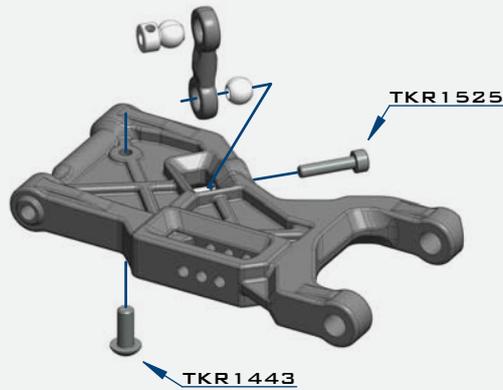
# BAG H

## FRONT SUSPENSION

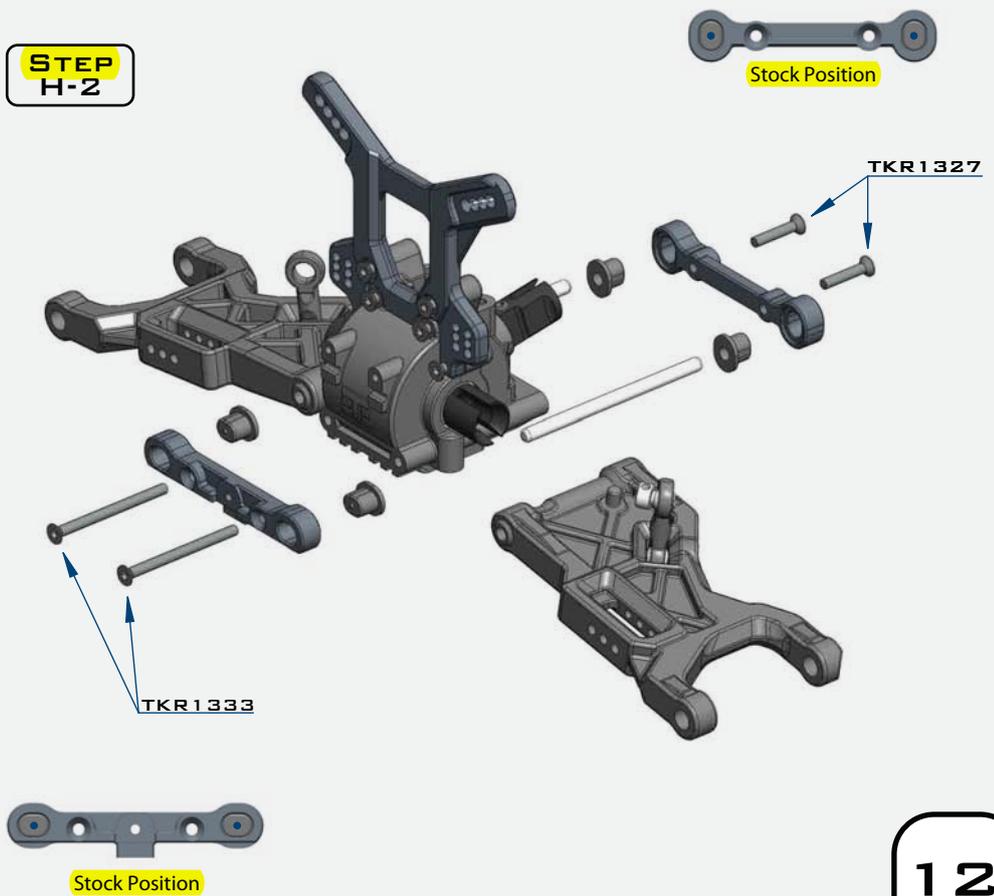
### (OVERVIEW)

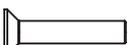
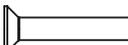
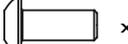
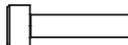
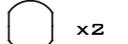


### STEP H-1



### STEP H-2



-  x2  
TKR1327  
M3x16MM **FLAT HEAD SCREW**
-  x2  
TKR1333  
M3x40MM **FLAT HEAD SCREW**
-  x2  
TKR1443  
M4x10MM **BUTTON HEAD SCREW**
-  x2  
TKR1525  
M3x14MM **CAP HEAD SCREW**
-  x2  
TKR5049  
**PIVOT BALL SWAY BAR**
-  x2  
TKR5079  
**STABILIZER BALL**

# BAG H

## FRONT SWAY BAR

TKR5081 - 2.3MM  
(OPTION)

\*TKR5080 - 2.2MM

\*TKR5082 - 2.4MM

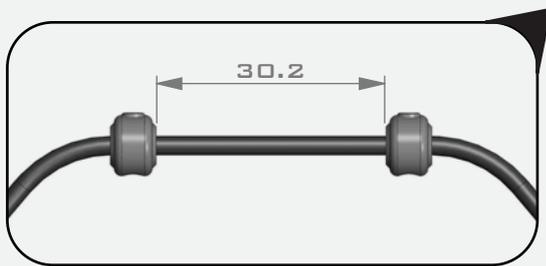
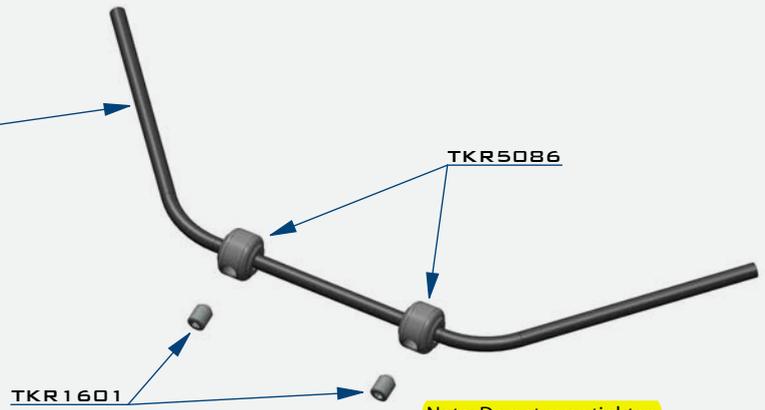
\*TKR5083 - 2.5MM

\*TKR5084 - 2.6MM

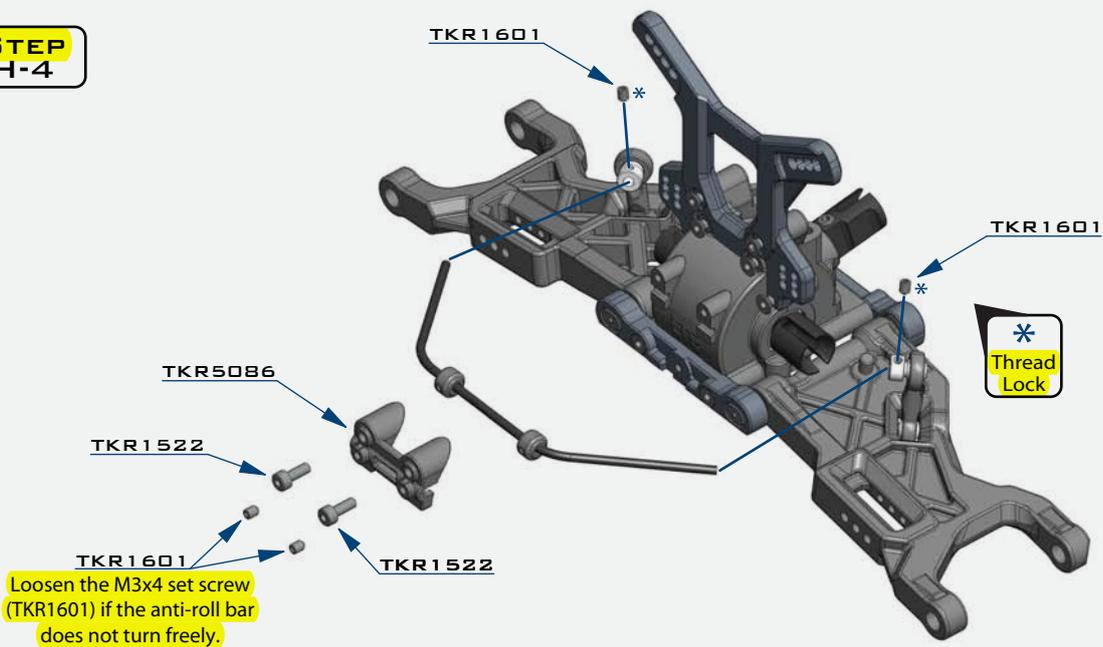
\*TKR5085 - 2.8MM

\*TKR5087 - 3.0MM

**STEP**  
**H-3**



**STEP**  
**H-4**



x2

TKR1522  
M3x8MM **CAP HEAD SCREW**



x6

TKR1601  
M3x4MM **SET SCREW**



Install the Sway Bar Ball onto the Sway Bar Wire until the end of the wire is flush with the ball as picture above.

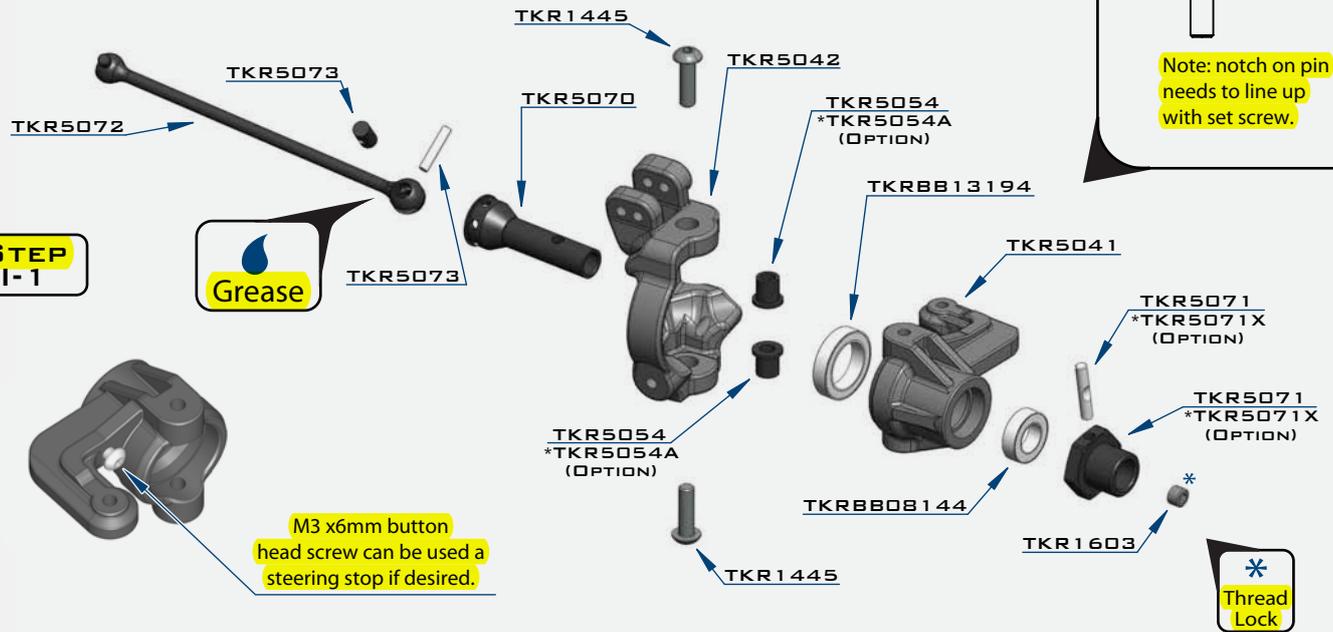
# BAG I

## FRONT STEERING

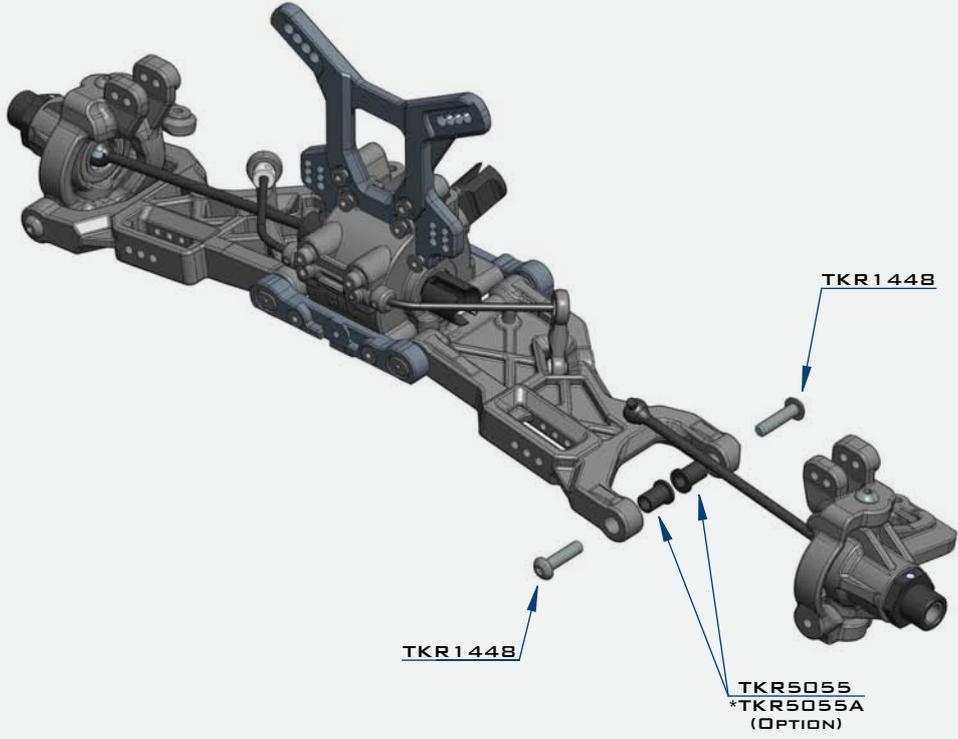
**STEP I-1**



Note: notch on pin needs to line up with set screw.



**STEP I-2**



x4  
TKR1445  
M4x14MM **BUTTON HEAD SCREW**

x4  
TKR1448  
M4x18MM **BUTTON HEAD SCREW**

x2  
TKR1603  
M5x4MM **SET SCREW**

x4  
TKR5054  
**SPINDLE PIN SLEEVE**

x4  
TKR5055  
**SUSPENSION PIN SLEEVE FRONT**

x2  
TKR5071  
M3x16.8MM **PIN**

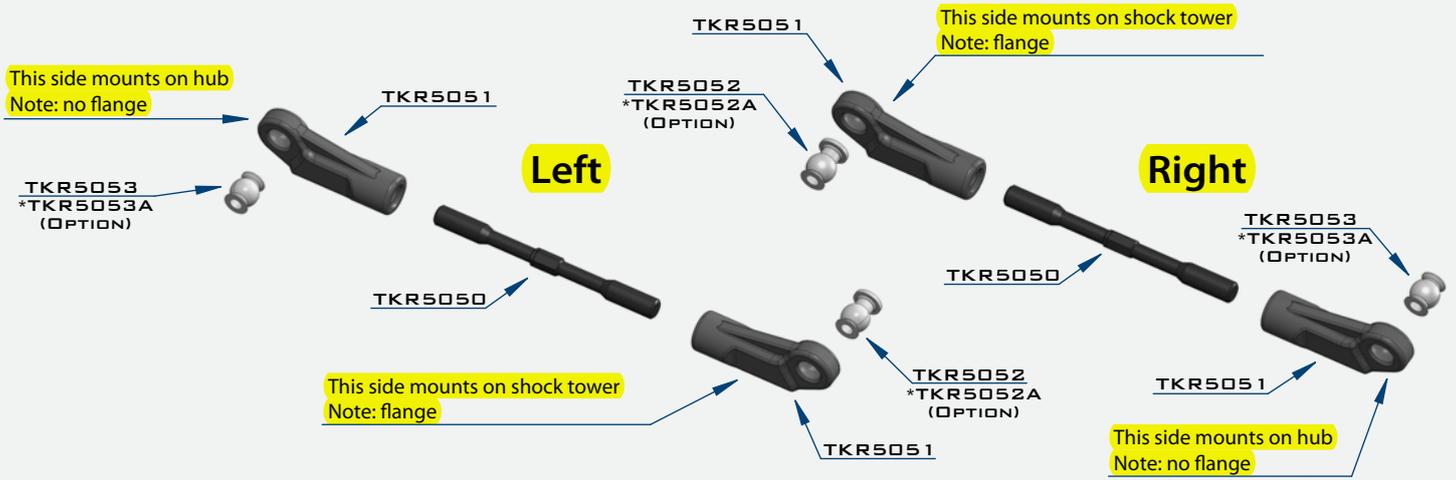
x2  
TKR5073  
**CV JOINT PIN**

x2  
TKRBB08144

x2  
TKRBB13194

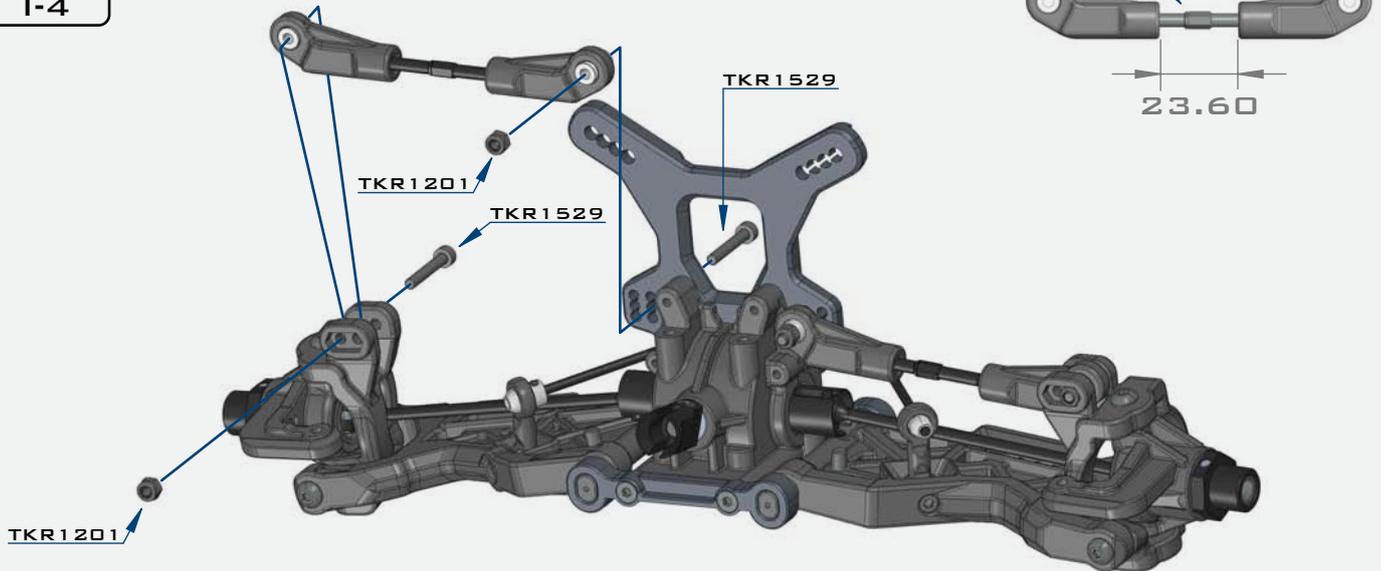
# BAG I

## FRONT CAMBER LINKS



Note: Notch always goes left side of vehicle.

### STEP 1-4

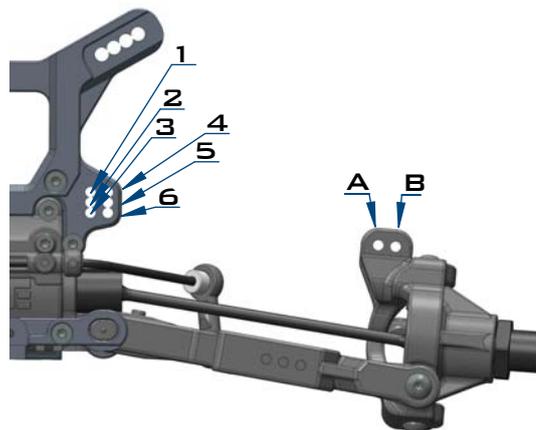


x4  
TKR1201  
M3 **LOCK NUT BLACK**

x4  
TKR1529  
M3x20MM **CAP HEAD SCREW**

x2  
TKR5052  
**PIVOT BALL** M3x6.8MM

x2  
TKR5053  
**PIVOT BALL** M3x6.8MM  
**NO FLANGE**



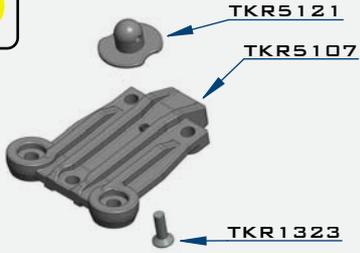
Stock position is 2B



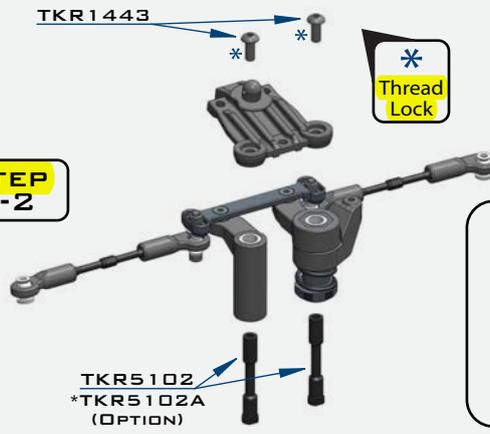
# BAG K

## FRONT END ASSEMBLY

### STEP K-1



### STEP K-2

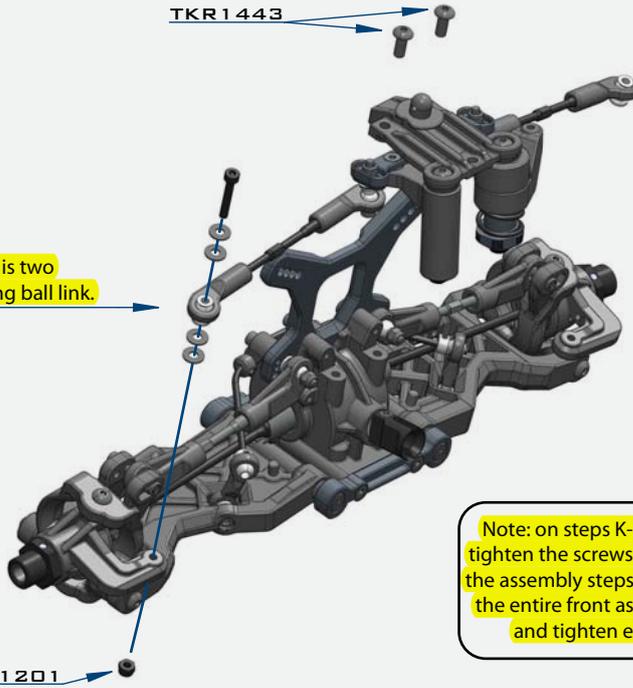


\* Thread Lock

Note Step K-2:  
Line up the bottom of the steering posts (TKR5102) with the corresponding recess cut in the chassis.

### STEP K-3

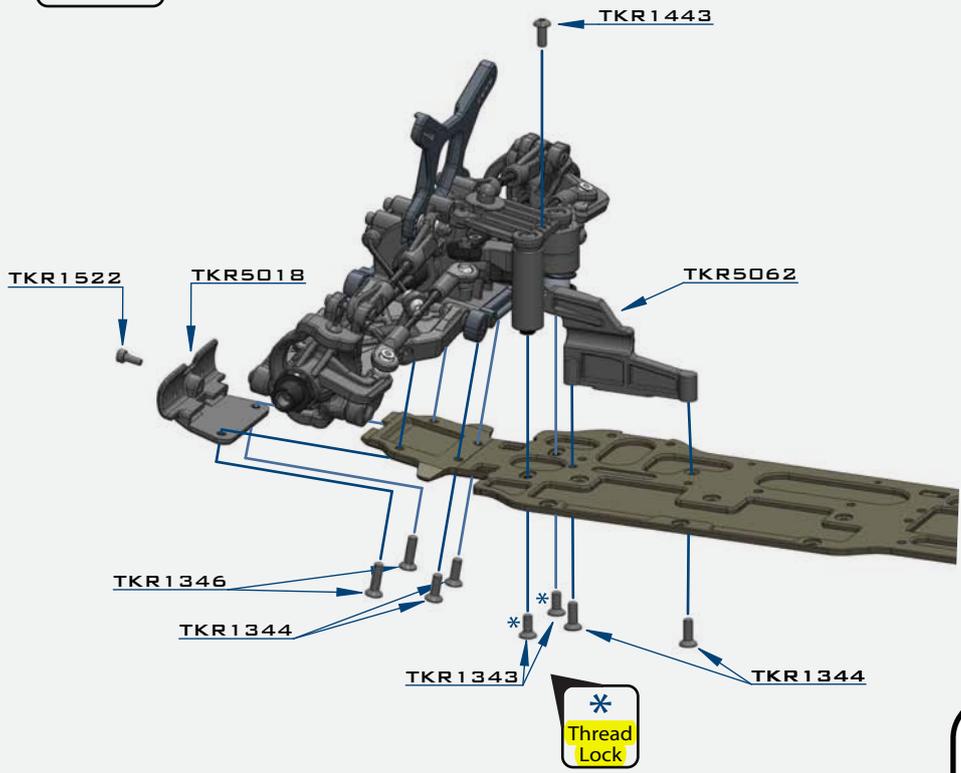
Note: Initial bumpsteer setting is two washers above and below the steering ball link.



Note: on steps K-2, K-3 and K-4 Do not tighten the screws all the way down until the assembly steps are complete. Position the entire front assembly on the chassis and tighten each screw evenly.

-  x2  
TKR1201  
M3 LOCK NUT BLACK
-  x8  
TKR1221  
M3x8MM WASHER
-  x1  
TKR1323  
M3x10MM FLAT HEAD SCREW
-  x2  
TKR1343  
M4x10MM FLAT HEAD SCREW
-  x4  
TKR1344  
M4x12MM FLAT HEAD SCREW
-  x2  
TKR1346  
M4x15MM FLAT HEAD SCREW
-  x5  
TKR1443  
M4x10MM BUTTON HEAD SCREW
-  x1  
TKR1522  
M3x8MM CAP HEAD SCREW
-  x2  
TKR1529  
M3x20MM CAP HEAD SCREW

### STEP K-4

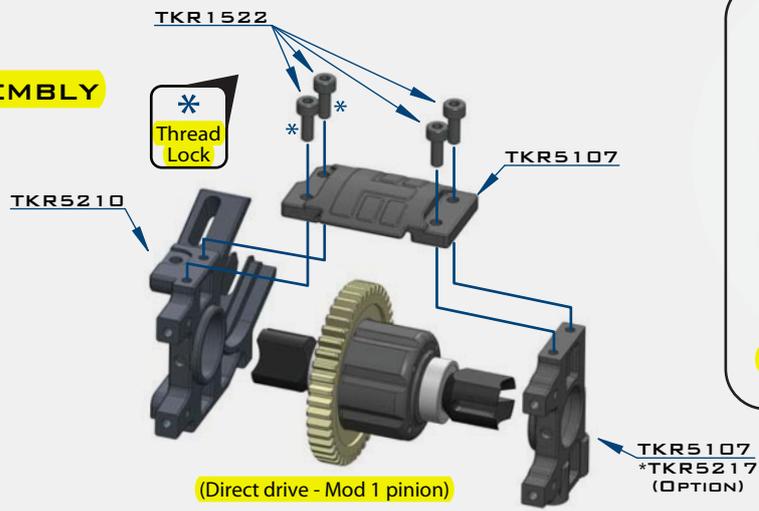


\* Thread Lock

# BAG L

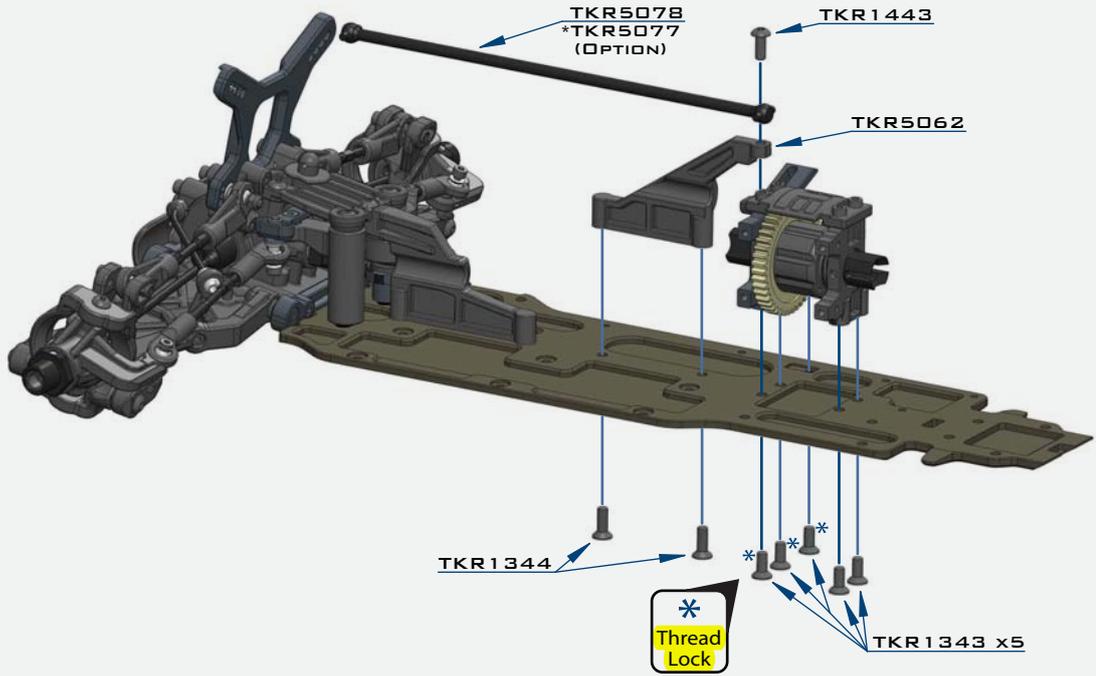
## CENTER/REAR ASSEMBLY

**STEP**  
L-1



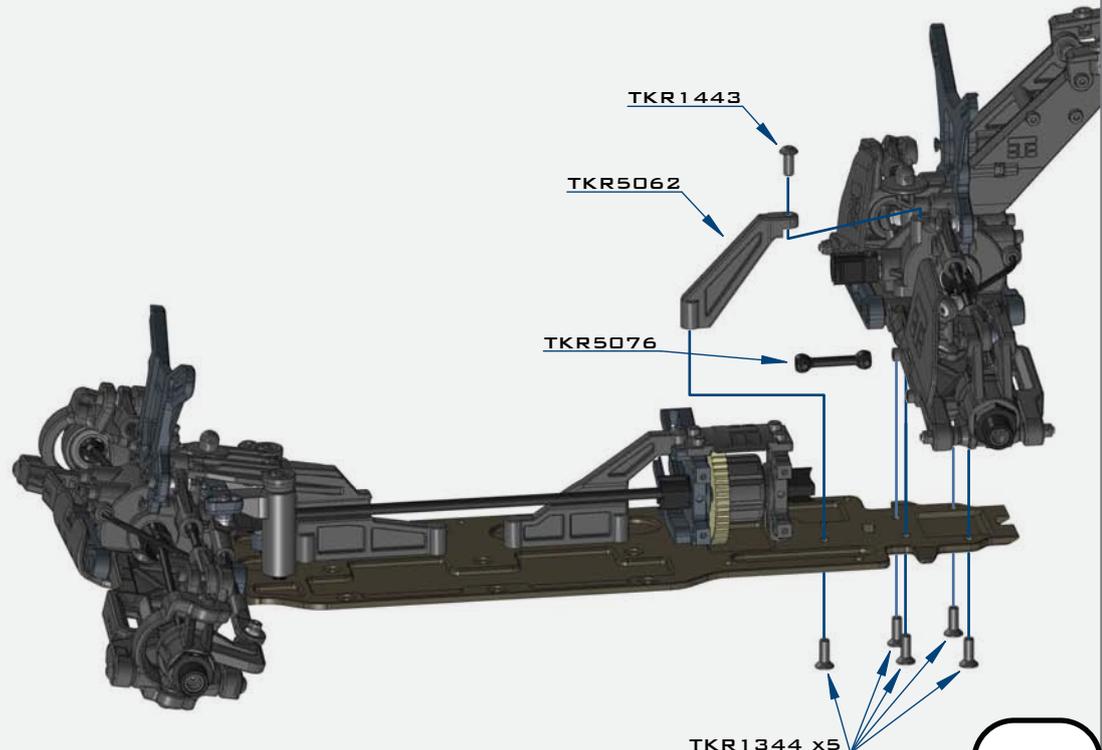
Note: If running Traktion Drive or Electric-Clutch slipper systems, reverse diff direction as shown above.

**STEP**  
L-2



**STEP**  
L-3

-  x5  
TKR1343 M4x10MM **FLAT HEAD SCREW**
-  x7  
TKR1344 M4x12MM **FLAT HEAD SCREW**
-  x2  
TKR1443 M4x10MM **BUTTON HEAD SCREW**
-  x4  
TKR1522 M3x8MM **CAP HEAD SCREW**



# SHOCK FILLING INSTRUCTIONS

## FOR BOTH FRONT AND REAR SHOCKS

The following steps and information will provide you with the proper way to fill and bleed your Tekno RC EB48 shocks.

After thorough testing, we've found it's easiest to complete steps 1 through 3 on each shock before moving onto step 4. By the time you've finished step 3 on the last shock the first one will be ready for step 4.

**Step 1.** Extend the shock shaft all the way down. Fill the shock with oil until the body is approximately 90% full.

**Step 2.** Slowly pump the shock shaft up and down about 3-5 times to release air bubble from underneath the piston.

**Step 3.** Let the shock rest vertically with the shock shaft fully extended for five minutes or until all the air bubbles have released.

**Step 4.** Push the shaft in to the amount of rebound desired. For example, to achieve 0% rebound push the shaft in all the way (just before the piston holes breach the surface of the oil). For 50% rebound, push the shaft in half way. Make sure that you match the rebound amount between the left and right shocks. We've found that running 0% rebound in both front and rear shocks gives great overall performance.

**Step 5.** Next you will top off the shock with oil. The goal is not to fill the body completely, but only to fill it enough so that when the bladder is placed on top there will be no air underneath. If you do overfill the shock, it won't hurt performance, it will just spill out and make a little bit of a mess.

**Step 6.** In this step you will be placing the bladder on top the shock body. While holding the shock shaft in the desired position from step 4, push the bladder down onto the shock body using your fingertip to fully seat the lip of the bladder onto the rim of the shock body. If done correctly a small amount of oil should bleed out. If no oil is released you may have some air trapped underneath the bladder and you will need to remove the bladder and repeat step 5. Once the bladder is seated onto the shock body, pull the shock shaft down a few millimeters. This will "suck" the bladder down and hold it in place. Carefully wipe away the excess oil that was bled, being careful not to disrupt the seal of the bladder on the shock body.

**Step 7.** While continuing to hold the shock vertically, screw the shock cap down onto the body and tighten fully. You can use an adjustable wrench to hold the bottom of the shock while tightening the shock cap down.

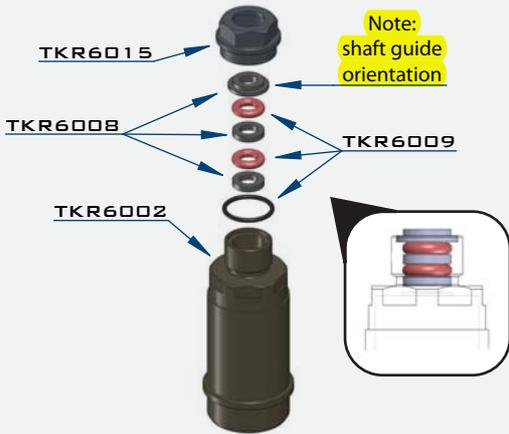
You can build the shocks in any manner you prefer, but we've found this way provides the best handling and more consistent shocks. They will also last longer between rebuilds.

Use part #'s TKR6008 (pistons and guides) and TKR6009 (o-ring pack) to rebuild your shocks regularly.

# BAG M

## FRONT SHOCK ASSEMBLY

### STEP M-1



Note: front shocks use shorter shock bodies - TKR6002, shorter shock shafts - TKR6004, shorter springs - TKR6037 and shorter shock boots - TKR6023



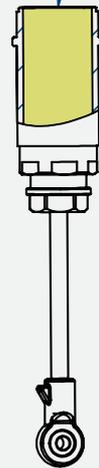
Note: Use green slime or oil on shock shaft threads AND O-rings to prevent tearing and leaking.

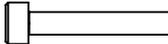
### STEP M-2



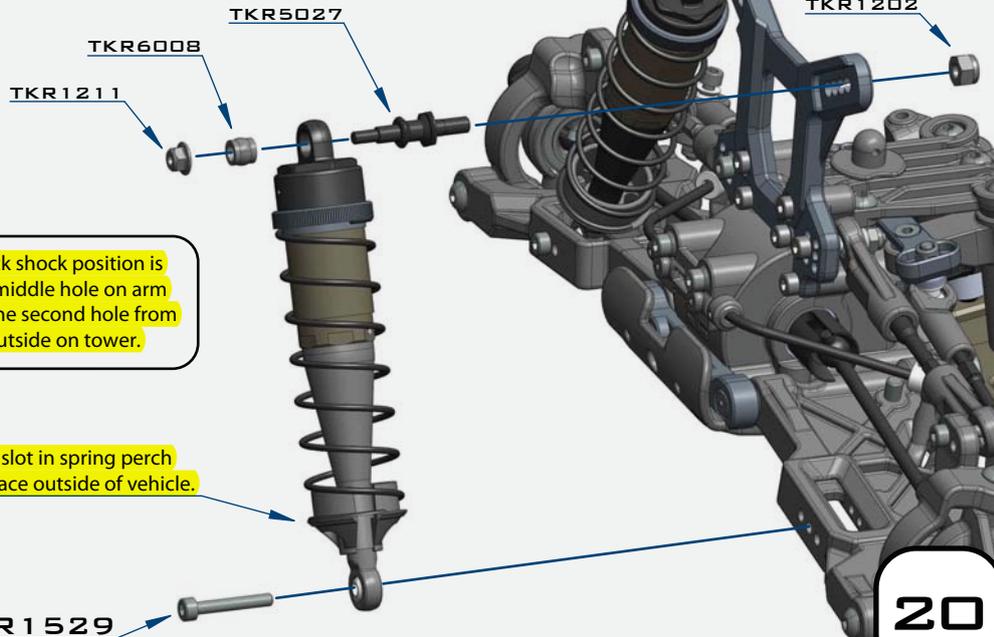
Note: Apply a small drop of oil for easy installation.

Fill oil level just below the top of the shock body.



-  x2  
TKR1200  
HEX 4035 - M2.5
-  x2  
TKR1202  
M4 LOCK NUT BLACK
-  x2  
TKR1211  
M3 LOCK NUT FLANGE BLACK
-  x2  
TKR1529  
M3x20MM CAP HEAD SCREW
-  x2  
TKR5027  
SHOCK STAND OFF

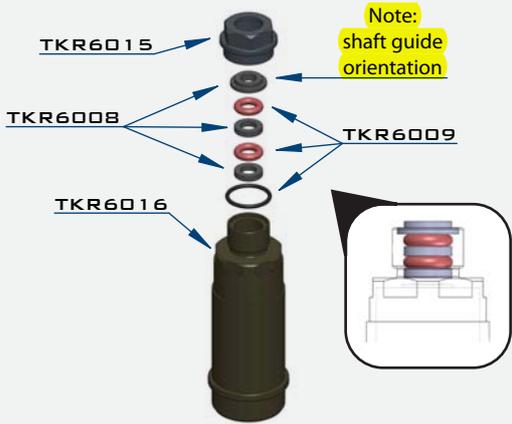
### STEP M-3



# BAG N

## REAR SHOCK ASSEMBLY

### STEP N-1



Note: rear shocks use longer shock bodies - TKR6016, longer shock shafts - TKR6017, longer springs - TKR6032 and longer shock boots - TKR6023



TKR6003  
\*TKR6018 (OPTION)

TKR6017  
\*TKR6017T (OPTION)

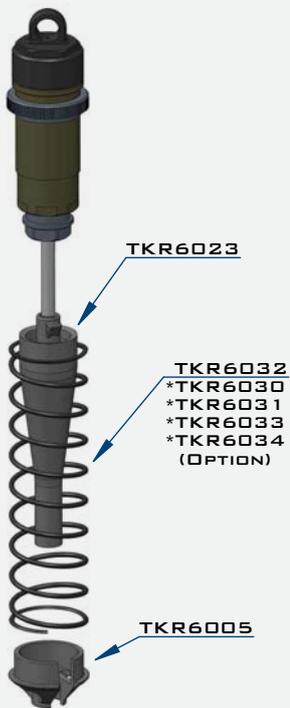
Note: Use green slime or oil on shock shaft threads AND O-rings to prevent tearing and leaking.

TKR6009

Note: O-ring goes over threads on shock body

Fill oil level just below the top of the shock body

### STEP N-2

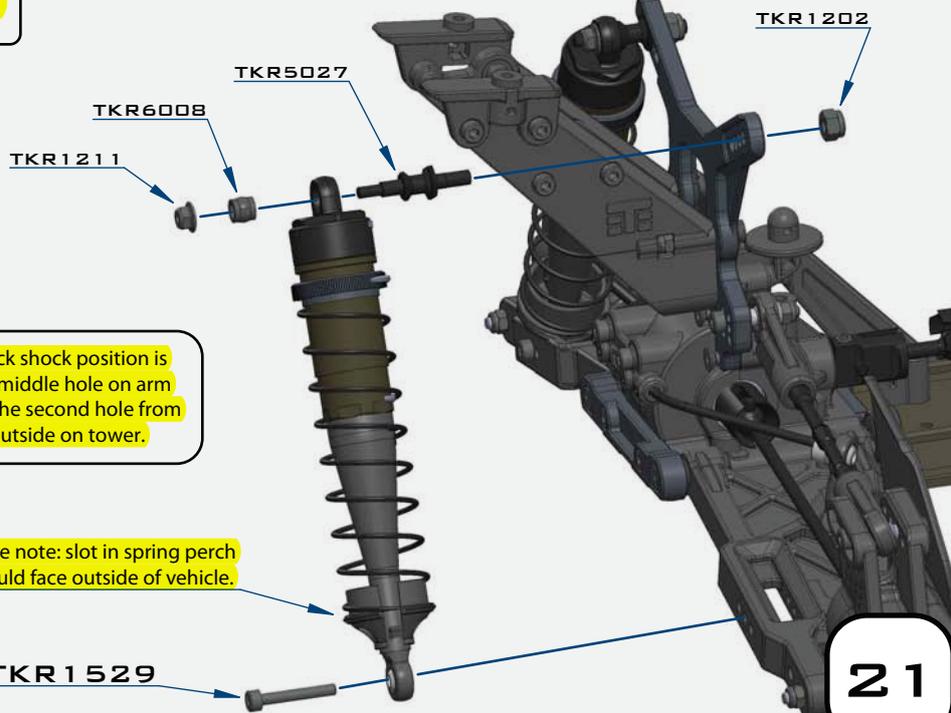


TKR6032  
\*TKR6030  
\*TKR6031  
\*TKR6033  
\*TKR6034 (OPTION)

Note: Apply a small drop of oil for easy installation.

TKR6013

### STEP N-3



Stock shock position is the middle hole on arm and the second hole from outside on tower.

Make note: slot in spring perch should face outside of vehicle.

x2  
TKR1200  
HEX 4035 - M2.5

x2

TKR1202  
M4 LOCK NUT BLACK

x2

TKR1211  
M3 LOCK NUT FLANGE BLACK

x2

TKR1529  
M3x20MM CAP HEAD SCREW

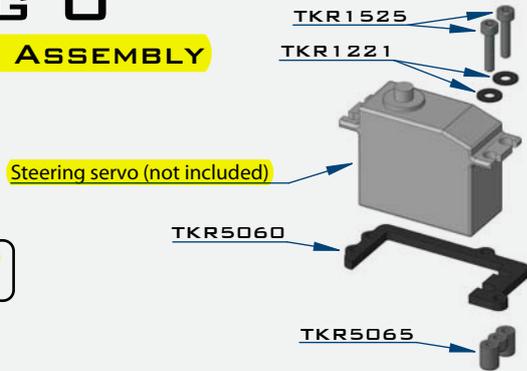
x2

TKR5027  
SHOCK STAND OFF

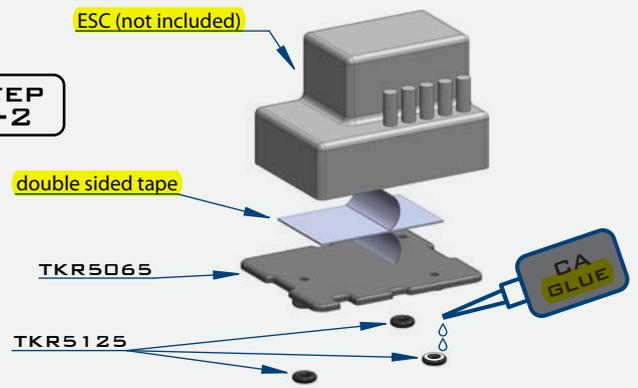
# BAG 0

## FINAL ASSEMBLY

### STEP 0-1

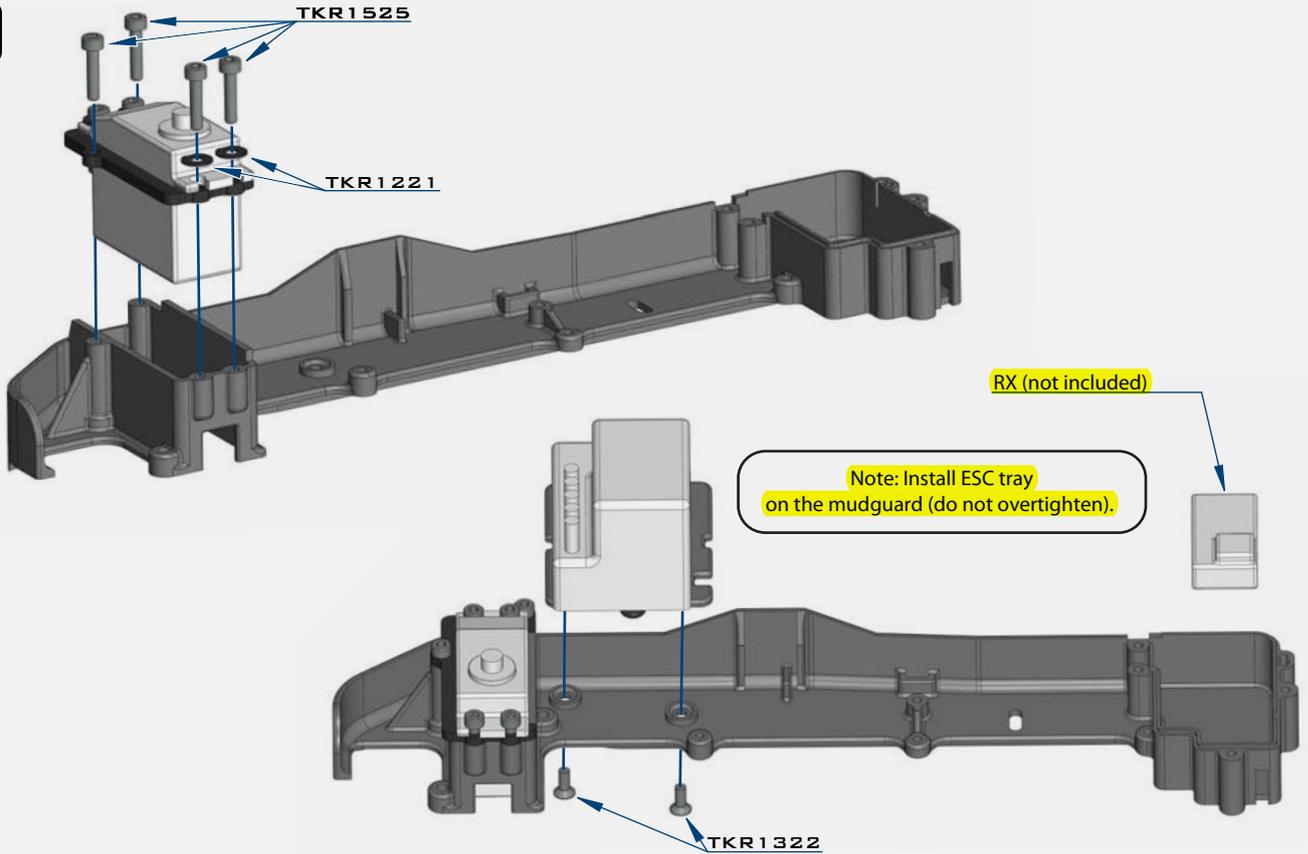


### STEP 0-2



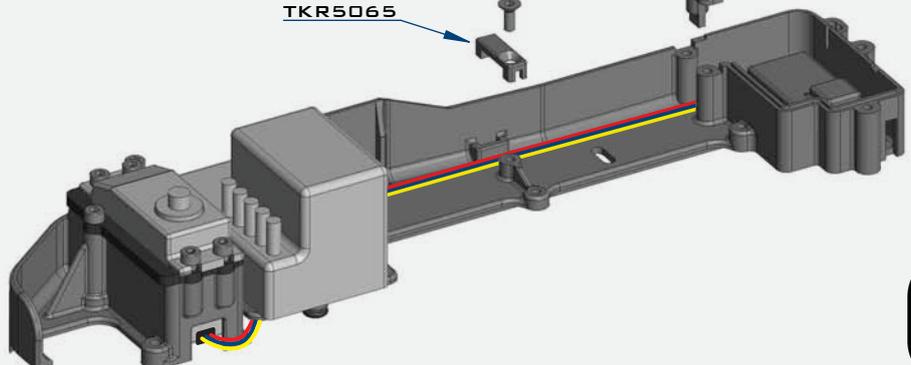
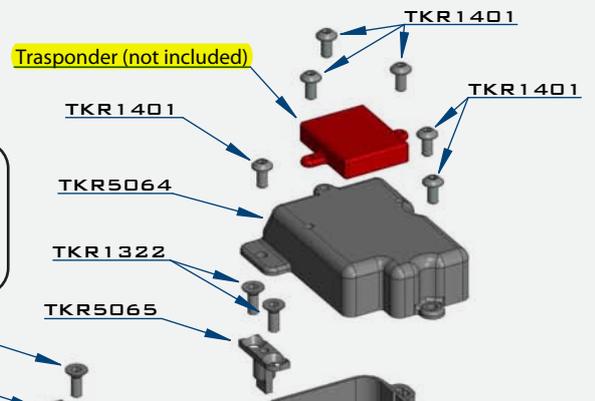
Note: CA glue 3 black o-rings (TKR5125) to the bottom legs of the ESC tray.

### STEP 0-3



### STEP 0-4

Note: Feed the servo wire underneath the esc tray in between the mounting screws on the mud guard, then feed both ESC and servo wires into the RX box as shown. Install wire retainers (TKR5065) to secure them properly.



x4

TKR1221  
M3x8MM WASHER



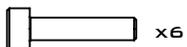
x5

TKR1322  
M3x8MM FLAT HEAD SCREW



x6

TKR1401  
M3x6MM BUTTON HEAD SCREW



x6

TKR1525  
M3x14MM CAP HEAD SCREW



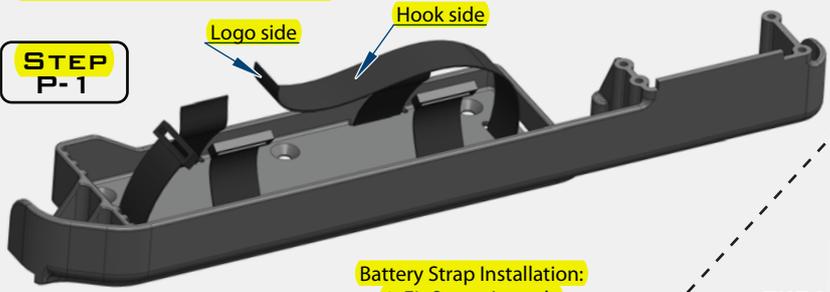
x3

TKR5125  
O-RING 3x7MM

# BAG P

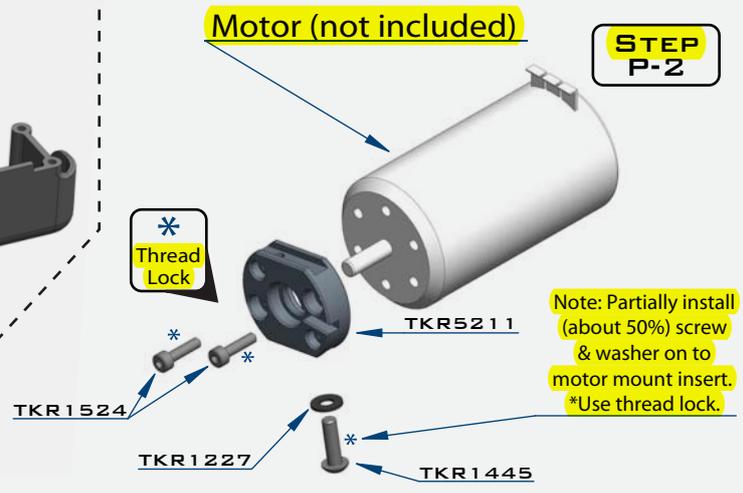
## FINAL ASSEMBLY

**STEP P-1**



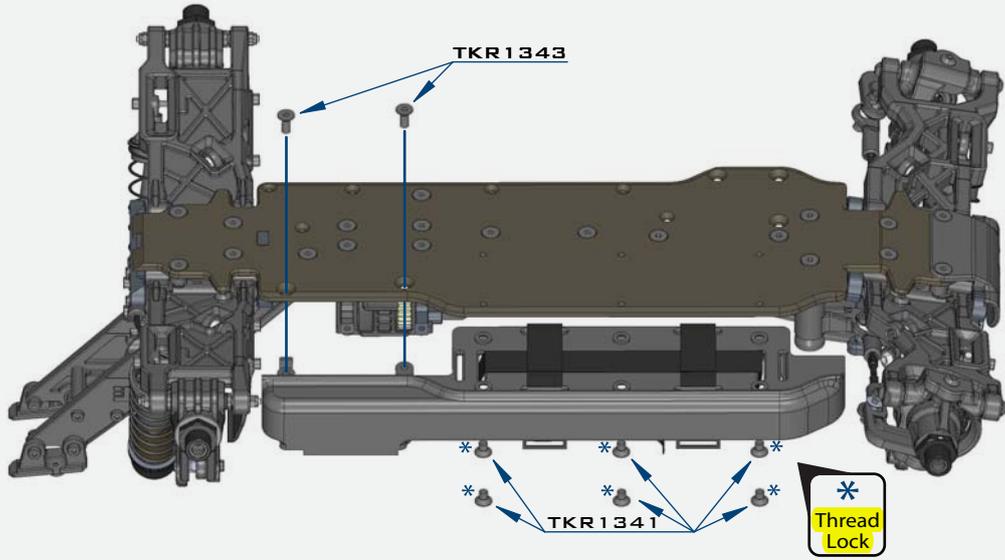
**Battery Strap Installation:**  
 1. Fit Straps Loosely  
 2. Position On Chassis  
 3. Proceed To P-2

**STEP P-2**

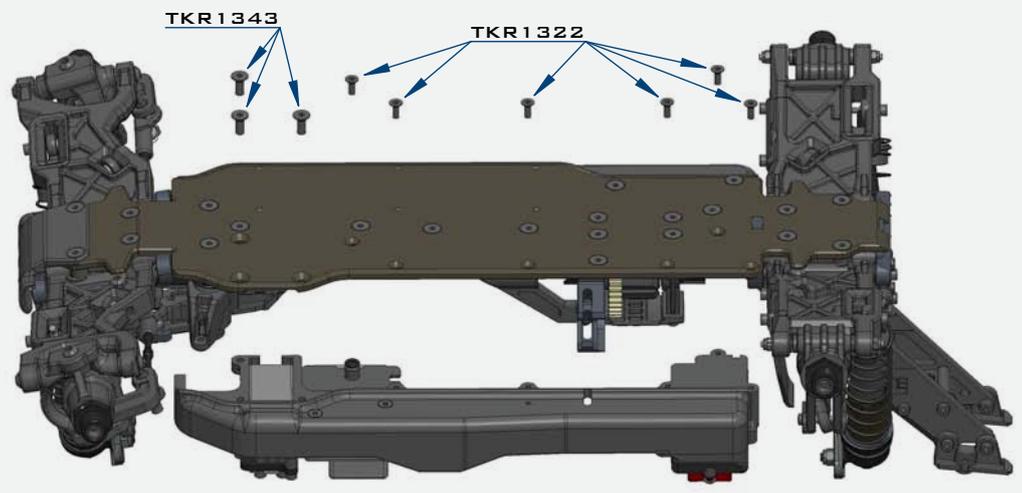


Note: Partially install (about 50%) screw & washer on to motor mount insert.  
 \*Use thread lock.

**STEP P-3**

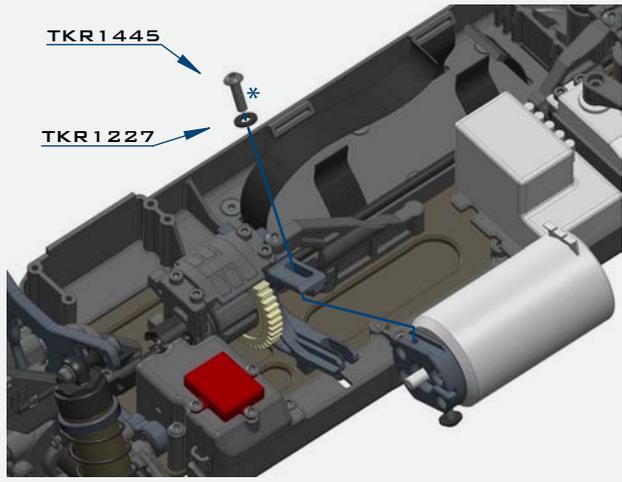


**STEP P-4**



-  x2  
TKR1227  
M4X9MM **WASHER**
-  x6  
TKR1322  
M3X8MM **FLAT HEAD SCREW**
-  x6  
TKR1341  
M4X6MM **FLAT HEAD SCREW**
-  x5  
TKR1343  
M4X10MM **FLAT HEAD SCREW**
-  x2  
TKR1445  
M4X14MM **BUTTON HEAD SCREW**
-  x2  
TKR1524  
M3X12MM **CAP HEAD SCREW**

**STEP P-5**

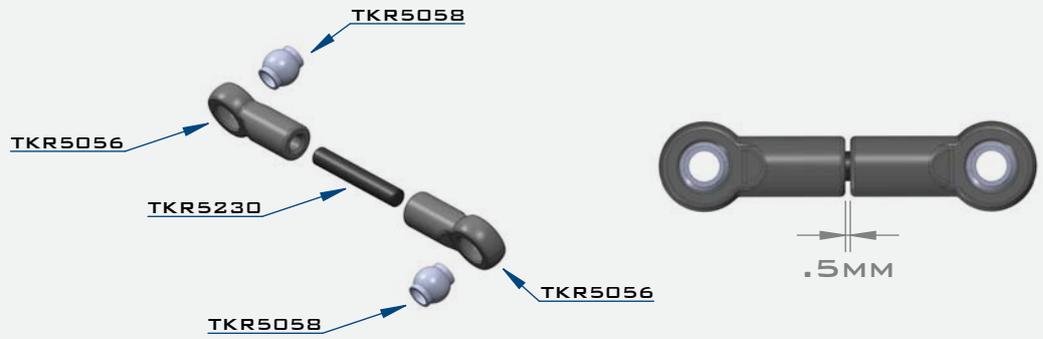


Note: Install MOD1 pinion (TKR4171-4190) or Tekno RC Traktion Drive / Elektri-Clutch slipper system (TKR4301X) at this step. Adjust gear mesh and tighten screws (TKR1445) well.  
 \*Use thread lock.

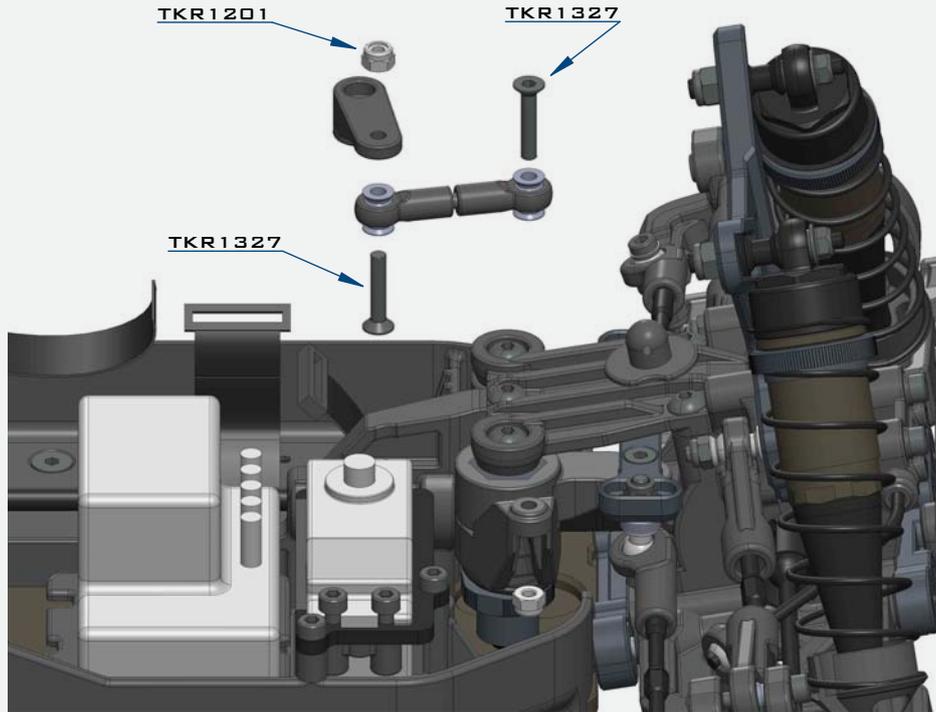
# BAG P

## FINAL ASSEMBLY

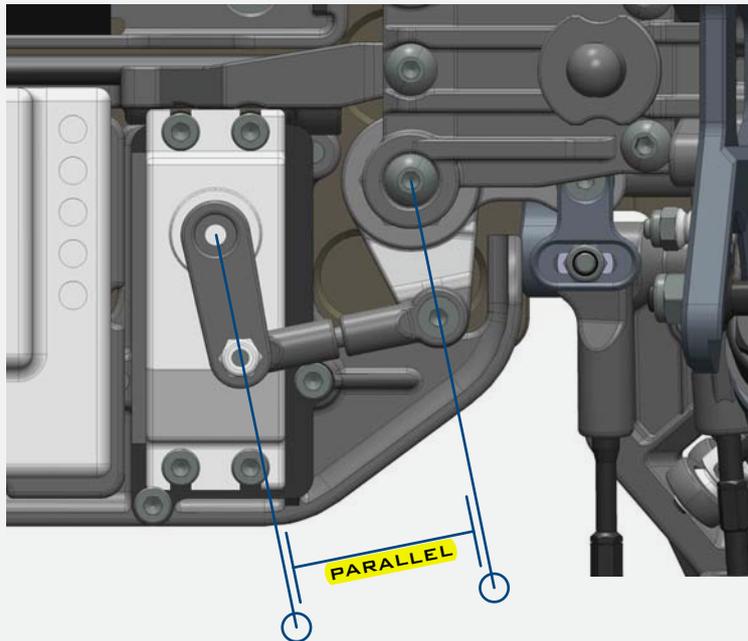
### STEP P-6



### STEP P-7



### STEP P-8



x1  
TKR1201  
M3 **LOCK NUT BLACK**

x2  
TKR1327  
M3x16MM **FLAT HEAD SCREW**

x2  
TKR5058  
**PIVOT BALL M3x5.8MM**  
**NO FLANGE**

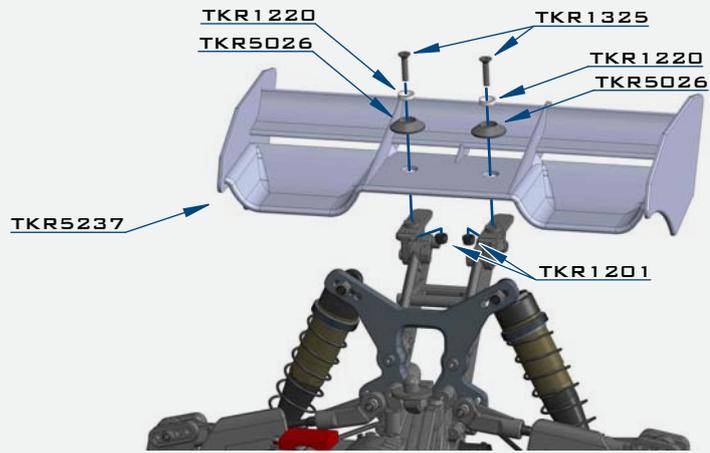
x1  
TKR5230  
M3x18 **THREADED ROD**

Note: Offset servo arm so it is parallel with the connecting arm at neutral or zero servo position.

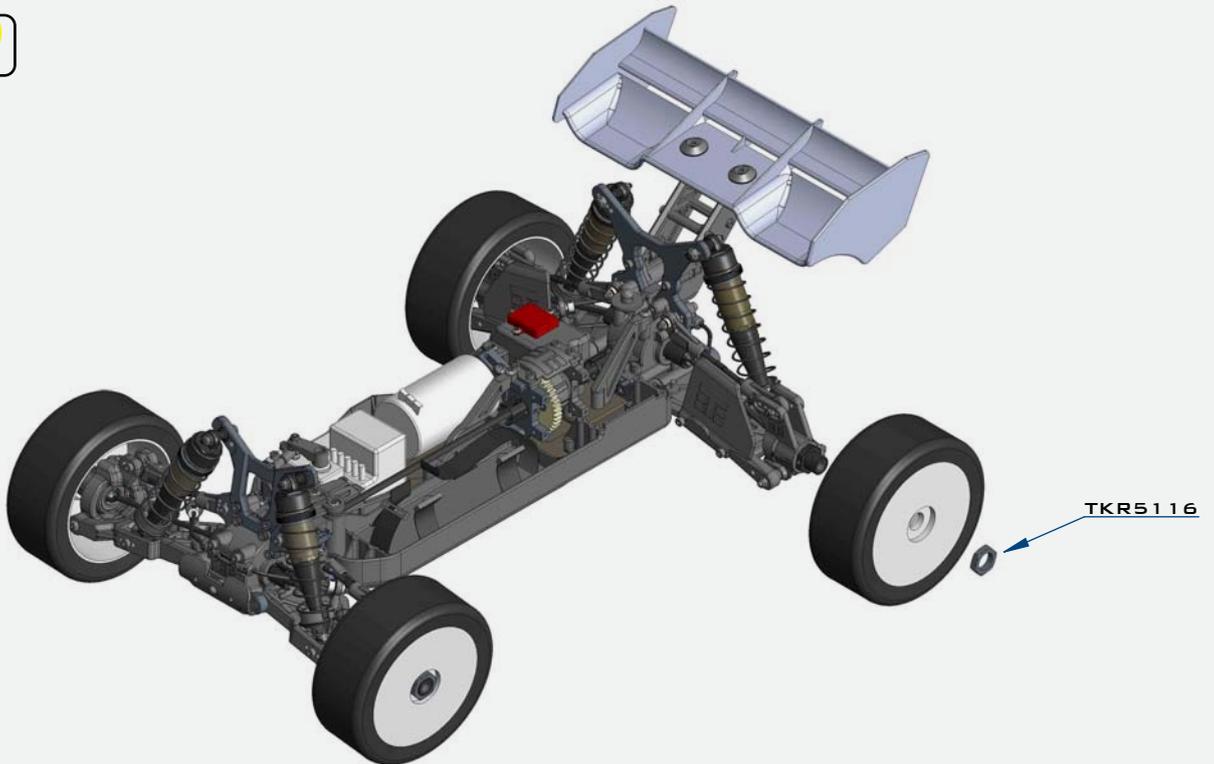
# BAG Q

## WING/WHEELS/BODY

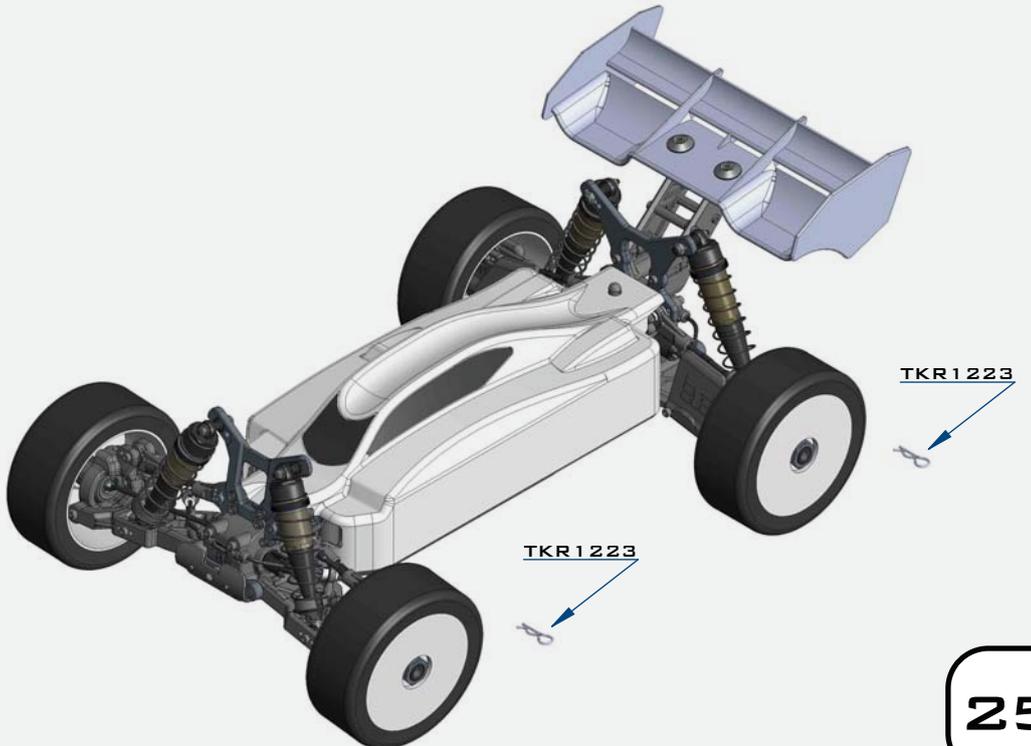
**STEP**  
Q-1



**STEP**  
Q-2

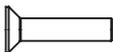


**STEP**  
Q-3



x2

TKR1201  
M3 **LOCK NUT BLACK**



x2

TKR1325  
M3x14mm **FLAT HEAD SCREW**



x2

TKR1223  
**BODY CLIP**



x4

TKR5116  
**WHEEL NUT**

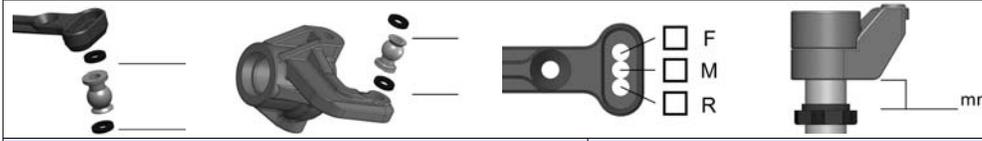
TKR5000 Spare Parts List  
TKR5000 - EB48 Electric 1/8th Scale 4WD Buggy Kit  
TKR5000F - Chassis (7075, hard anodized)  
TKR5010 - Battery Tray, Mud Guard (left side)  
TKR5011 - Radio Tray, Mud Guard (right side)  
TKR5012 - Gearbox (front)  
TKR5016 - Gearbox (rear)  
TKR5013 - Adjustable Hinge Pin Braces (rear, 7075 CNC, gun metal ano)  
TKR5017 - Adjustable Hinge Pin Braces (front, 7075 CNC, gun metal ano)  
TKR5018 - Front Bumper  
TKR5020 - Hinge Pins (inner, front/rear)  
TKR5021 - Hinge Pin Inserts, Wheelbase Shims (complete set)  
TKR5026 - Wing Mount, Body Mount Set  
TKR5027 - Shock Standoffs (2pcs)  
TKR5028 - Shock Tower (front, 7075 NC, gun metal ano)  
TKR5029 - Shock Tower (rear, 7075 NC, gun metal ano)  
TKR5030 - Suspension Arms (rear, 2pcs)  
TKR5033 - Rear Arm Mud Guards  
TKR5034 - Hinge Pins (outer, rear)  
TKR5036 - Suspension Arms (front, 2pcs)  
TKR5037 - Wing (white)  
TKR5037B - Wing (black)  
TKR5040 - Rear Hubs (2pcs)  
TKR5041 - Spindles (left and right)  
TKR5042 - Spindle Carriers (left and right)  
TKR5049 - Pivot Balls (6.8mm, no flange, sway bars, shock ends, 4pcs)  
TKR5049A - Pivot Balls (6.8mm, no flng, sway bar, shck ends, almmn, 4pcs)  
TKR5050 - Turnbuckle (camber link, front/rear, 2pcs)  
TKR5051 - Rod Ends (6.8mm, camber links, 8pcs)  
TKR5052 - Pivot Balls (6.8mm, inside camber, steering links, 4pcs)  
TKR5052A - Pivot Balls (6.8mm, inside camber, strng links, aluminum, 4pcs)  
TKR5053 - Pivot Balls (6.8mm, flanged, outside camber, 4pcs)  
TKR5053A - Pivot Balls (6.8mm, flanged, outside camber, aluminum, 4pcs)  
TKR5054 - Spindle Bushings (4pcs)  
TKR5054A - Spindle Bushings (4pcs, aluminum, hard ano)  
TKR5055 - Arm Bushings (4pcs)  
TKR5055A - Arm Bushings (4pcs, aluminum, hard ano)  
TKR5056 - Rod Ends (5.8mm, brake/steering/sway bar linkage, 8pcs)  
TKR5058 - Pivot Balls (5.8mm, no flange, brake/steering linkage, 4pcs)  
TKR5058A - Pivot Balls (5.8mm, no flange, brake/strng link, aluminum, 4pcs)  
TKR5060 - Steering Servo Brace (aluminum, gun metal ano)  
TKR5060C - Steering Servo Brace (carbon fiber)  
TKR5062 - Chassis Brace Set (front/rear/center)  
TKR5065 - ESC Tray and Radio/Battery Tray Accessories  
TKR5070 - Stub Axles (hardened steel, 2pcs)  
TKR5071 - Wheel Hubs (17mm, aluminum, black ano, w/pins, 2pcs)  
TKR5071X - Wheel Hubs (17mm, aluminum, lightened, gun metal ano, w/pins, 2pcs)  
TKR5072 - Driveshafts (f/r, hardened steel, 2pcs)  
TKR5073 - CV Rebuild kit (f/r, for 2 axles)  
TKR5075 - Diff Coupler (f/r, hardened steel)  
TKR5076 - Driveshaft (center, rear, hardened steel)  
TKR5077 - Driveshaft (center, front, 7075 aluminum, gun metal ano)  
TKR5078 - Driveshaft (center, front, hardened steel)  
TKR5079 - Stabilizer Balls (6.8mm, sway bars, 4pcs)  
TKR5079A - Stabilizer Balls (6.8mm, sway bars, aluminum, 4pcs)  
TKR5080 - Sway Bar (f/r, 2.2mm)  
TKR5081 - Sway Bar (f/r, 2.3mm)  
TKR5082 - Sway Bar (f/r, 2.4mm)  
TKR5083 - Sway Bar (f/r, 2.5mm)  
TKR5084 - Sway Bar (f/r, 2.6mm)  
TKR5085 - Sway Bar (f/r, 2.8mm)  
TKR5086 - Sway Bar Mounts  
TKR5087 - Sway Bar (f/r, 3.0mm)  
TKR5100 - Ackerman Plate (aluminum, gun metal ano)  
TKR5102 - Steering Posts (steel)  
TKR5102A - Steering Posts (aluminum, gun metal ano)  
TKR5103 - Servo Saver Post (aluminum, gun metal ano)  
TKR5104 - Steering Bell Cranks  
TKR5107 - Steering Top Plate, Center Diff Top Plate, Center Diff Rear Support  
TKR5116 - Wheel Nuts (17mm, serrated, gun metal ano, M12x1.0, 4pcs)  
TKR5122 - Steering Rack Bushings (aluminum, gun metal ano, 2pcs)  
TKR5123 - Turnbuckle (steering links, 2pcs)  
TKR5125 - O-Ring (ESC tray, 3pcs)  
TKR5126 - Antenna tube (universal, w/ caps, 5pcs)  
TKR5210 - Center Diff Motor Mount (aluminum, gun metal ano)  
TKR5211 - Motor Mount Insert (aluminum, gun metal ano)  
TKR5217 - Center Diff Rear Support (aluminum, gun metal ano)  
TKR5220 - Servo Horns (steering, brakes)  
TKR5230 - Steering linkage (M3x18mm threaded rod, 10pcs)  
TKR5231 - Servo Saver Nut and Spring  
TKR5237 - Spur Gear (44t, composite)  
TKR5240 - Adjustable Hinge Pin Braces (front and rear, composite)  
TKR5245 - Body (.040 lexan, EB48)  
TKR5246 - Instruction Manual (EB48)  
TKR5247 - Decal Sheet (EB48)  
TKR5110 - Diff Pinion (10T, CNC)

TKR5111 - Differential Ring Gear (40t)  
TKR5112 - Differential Outdrives (center)  
TKR5112X - Differential Outdrives (center, lightened)  
TKR5113 - Differential Case (f/c/r)  
TKR5114 - Differential Outdrives (f/r)  
TKR5114X - Differential Outdrives (f/r, lightened)  
TKR5115 - Spur Gear (44t, hardened steel, lightened)  
TKR5140 - Differential Gear Set (internal gears only)  
TKR5141 - Differential Cross Pins (6pcs)  
TKR5143 - Differential Seals (3pcs)  
TKR5144 - Differential O-Rings (6pcs)  
TKR5145 - Differential Shims (6x17mm, 6pcs)  
TKR5146 - Differential Shims (3x8x.15mm, for spider gears, 12pcs)  
TKR5147 - Complete Center Differential  
TKR5148 - Complete F/R Differential  
TKR5206 - Brake discs (fiberglass, 2pcs)  
TKR5208 - Brake Levers, Brake Cam Stays (w/ pins)  
TKR5213 - Brake Posts (aluminum, 4pcs)  
TKR5214 - Brake Pads (steel, 4pcs)  
TKR5215 - Brake Cams (steel, 2pcs)  
TKR5219 - Brake Linkage Ball Lever (steel)  
TKR5222 - Brake Linkage  
TKR5067 - Brake Servo Brace (aluminum, gun metal ano)  
TKR5067C - Brake Servo Brace (carbon fiber)  
TKR5057 - Turnbuckle (brake bias adjustment)  
TKR5206X - Brake Kit (complete)  
TKR6002 - Shock Body (front, aluminum, hard ano, 2pcs)  
TKR6003 - Shock Caps (aluminum, black ano, 2pcs)  
TKR6004 - Shock Shafts (front, steel, 2pcs)  
TKR6004T - Shock Shafts w/ TiNi coating (front, steel, 2pcs)  
TKR6005 - Shock Rod Ends and Spring Perches (6.8mm, shock ends, 4pcs)  
TKR6008 - Shock Shaft Guide, Piston, and Bushing Set (for 2 shocks)  
TKR6009 - Shock O-Ring and Bladder Set (for 2 shocks)  
TKR6013 - Shock Adjustment Nuts (aluminum, gun metal ano, 2pcs)  
TKR6015 - Shock Cartridge Caps (aluminum, gun metal ano, 2pcs)  
TKR6016 - Shock Body (rear, aluminum, hard ano, 2pcs)  
TKR6017 - Shock Shafts (rear, steel, 2pcs)  
TKR6017T - Shock Shafts w/ TiNi coating (rear, steel, 2pcs)  
TKR6018 - Shock Cap and Spring Adjuster Set (composite, for 2 shocks)  
TKR6021 - Shock Set (front, complete)  
TKR6022 - Shock Set (rear, complete)  
TKR6023 - Shock Boot Set (2 front, 2 rear)  
TKR6030 - Shock Spring Set (rear, 1.4 x 11.0T, 85mm)  
TKR6031 - Shock Spring Set (rear, 1.4 x 10.5T, 85mm)  
TKR6032 - Shock Spring Set (rear, 1.4 x 10.0T, 85mm)  
TKR6033 - Shock Spring Set (rear, 1.4 x 9.5T, 85mm)  
TKR6034 - Shock Spring Set (rear, 1.4 x 9.0T, 85mm)  
TKR6035 - Shock Spring Set (front, 1.5 x 9.0T, 70mm)  
TKR6036 - Shock Spring Set (front, 1.5 x 8.5T, 70mm)  
TKR6037 - Shock Spring Set (front, 1.5 x 8.0T, 70mm)  
TKR6038 - Shock Spring Set (front, 1.5 x 7.5T, 70mm)  
TKR6039 - Shock Spring Set (front, 1.5 x 7.0T, 70mm)  
TKRBB050825 - Ball Bearing (5x8x2.5mm, 4pcs)  
TKRBB05114 - Ball Bearing (5x11x4, 4pcs)  
TKRBB06103 - Ball Bearing (6x10x3, 4pcs)  
TKRBB08144 - Ball Bearing (8x14x4, 4pcs)  
TKRBB08165 - Ball Bearing (8x16x5, 4pcs)  
TKRBB13194 - Ball Bearing (13x19x4, 4pcs)  
TKR1200 - M2.5 Locknuts (zinc finish, 10pcs)  
TKR1201 - M3 Locknuts (black, 10pcs)  
TKR1202 - M4 Locknuts (black, 10pcs)  
TKR1211 - M3 Locknuts (flanged, black, 10pcs)  
TKR1221 - M3x8mm Washer (black, 10pcs)  
TKR1226 - 5x7x.2mm shims (10pcs)  
TKR1222 - 13x16x.1mm Diff Shims (10pcs)  
TKR1223 - Body Clips (10pcs)  
TKR1322 - M3x8mm Flat Head Screws (black, 10pcs)  
TKR1323 - M3x10mm Flat Head Screws (black, 10pcs)  
TKR1325 - M3x14mm Flat Head Screws (black, 10pcs)  
TKR1327 - M3x16mm Flat Head Screws (black, 10pcs)  
TKR1328 - M3x18mm Flat Head Screws (black, 10pcs)  
TKR1333 - M3x40mm Flat Head Screws (black, 10pcs)  
TKR1341 - M4x6mm Flat Head Screws (black, 10pcs)  
TKR1343 - M4x10mm Flat Head Screws (black, 10pcs)  
TKR1346 - M4x15mm Flat Head Screws (black, 10pcs)  
TKR1401 - M3x6mm Button Head Screws (black, 10pcs)  
TKR1402 - M3x8mm Button Head Screws (black, 10pcs)  
TKR1443 - M4x10mm Button Head Screws (black, 10pcs)  
TKR1445 - M4x14mm Button Head Screws (black, 10pcs)  
TKR1448 - M4x18mm Button Head Screws (black, 10pcs)  
TKR1522 - M3x8mm Cap Head Screws (black, 10pcs)  
TKR1524 - M3x12mm Cap Head Screws (black, 10pcs)  
TKR1525 - M3x14mm Cap Head Screws (black, 10pcs)  
TKR1529 - M3x20mm Cap Head Screws (black, 10pcs)  
TKR1601 - M3x4mm Set Screws (black, 10pcs)  
TKR1603 - M5x4mm Set Screws (black, 10pcs)

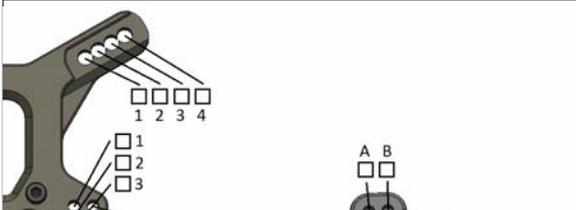
## SETUP SHEET

Name: _____		Date: _____				Event: _____		
Track Conditions:		Outdoor	Open	Loose/Loamy	Dusty	High Bite	Low Bite	Rough
Indoor	Tight	Smooth	Hard Packed	Wet	Dry	Med Bite		Blue Groove

<b>BUMPSTEER/ACKERMANN/SERVO SAVER</b>	<b>SHOCKS</b>
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="width: 33%;">Front</td> <td style="width: 33%;">Rear</td> </tr> <tr> <td>Piston</td> <td></td> <td></td> </tr> <tr> <td>Oil</td> <td></td> <td></td> </tr> </table>		Front	Rear	Piston			Oil		
	Front	Rear								
Piston										
Oil										

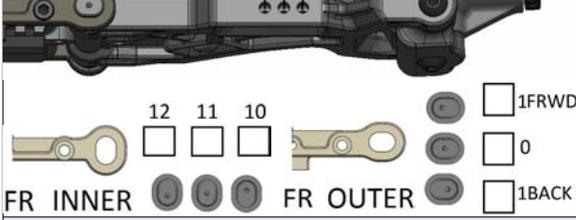
<b>FRONT</b>	<b>SUSPENSION</b>		
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="width: 33%;">Front</td> <td style="width: 33%;">Rear</td> </tr> <tr> <td>Ride Height</td> <td></td> <td></td> </tr> <tr> <td>Camber</td> <td></td> <td></td> </tr> <tr> <td>Toe</td> <td></td> <td></td> </tr> </table>		Front	Rear	Ride Height			Camber			Toe				
	Front	Rear													
Ride Height															
Camber															
Toe															

	<b>TIRES</b>
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	Front	Rear
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	<b>WING</b>
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Brand:</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Type:</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	Brand:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Type:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brand:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
Type:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

<b>REAR</b>	<b>BRACES</b>	Notes:
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	<input type="checkbox"/> Front <input type="checkbox"/> Middle <input type="checkbox"/> Rear (Front is always recommended)	
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<b>WHEELBASE</b>	<b>DIFFS</b>
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="width: 33%;">Front</td> <td style="width: 33%;">Center</td> <td style="width: 33%;">Rear</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>		Front	Center	Rear				
	Front	Center	Rear						

	<b>ELECTRONICS</b>
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ESC:	
Battery:	
Servo(s):	
Radio:	
Motor:	

<b>DRIVETRAIN</b>	
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Gear Ratio: _____ / _____	Spur: <input type="checkbox"/> Metal <input type="checkbox"/> Plastic
<input type="checkbox"/> Pinion <input type="checkbox"/> Long Shank	Shoes:
<input type="checkbox"/> Traktion <input type="checkbox"/> Clutch	Springs:
<input type="checkbox"/> Mech. Brake <input type="checkbox"/> Motor Brake	Radio Notes:

<b>NOTES:</b>	
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TEKNO 



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