



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) 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.

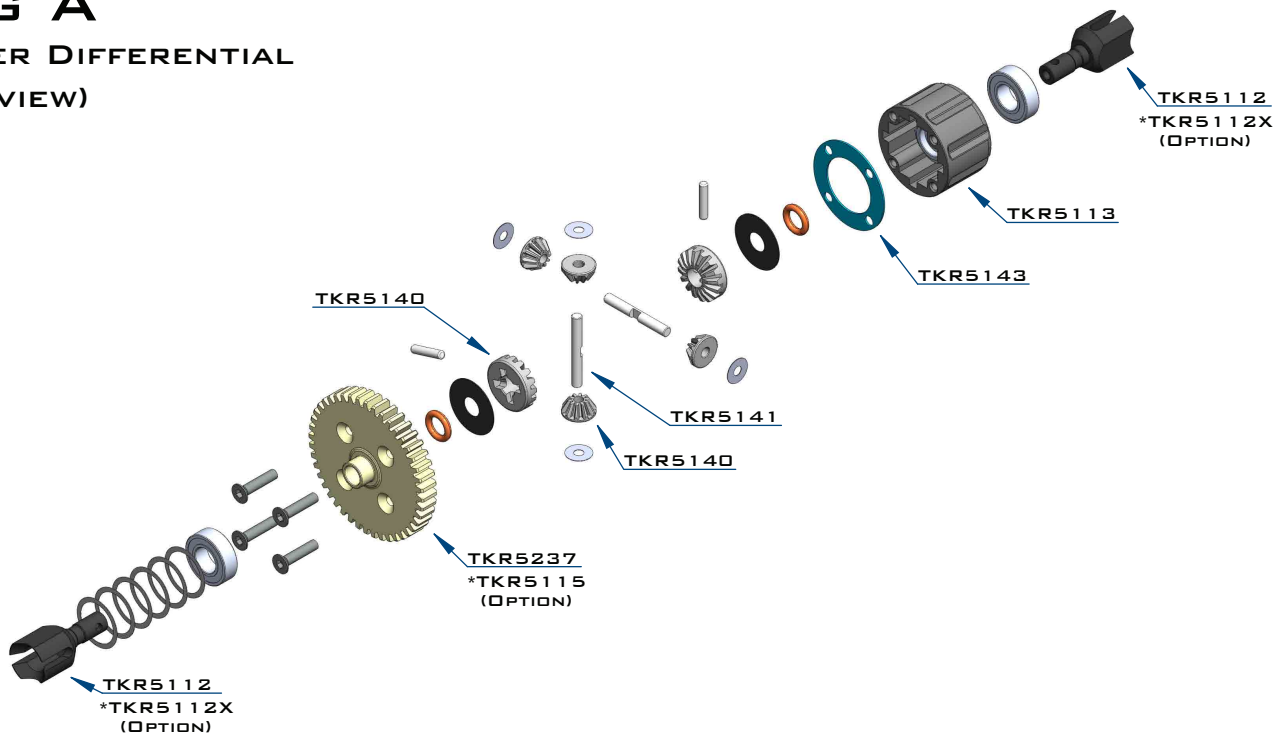
Warranty: We warrant that the parts included in this kit are free from defects. If you find a defective part in your kit, please contact us @ info@teknorc.com and we will help you to resolve the issue. We do not warranty parts that may be broken during operation of the vehicle or otherwise. Refer to 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) and through our network of domestic and international dealers and distributors.

This project is dedicated to Herb Lewis.

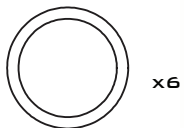
BAG A

CENTER DIFFERENTIAL

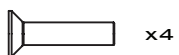
(OVERVIEW)



STEP A-1



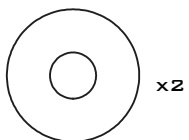
TKR1222
13x16x0.1MM DIFF SHIM



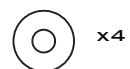
TKR1325
M3x14MM FLAT HEAD SCREW



TKR5144
DIFFERENTIAL O-RINGS



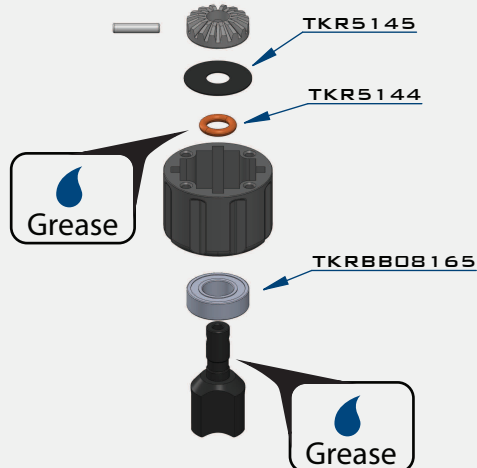
TKR5145
DIFFERENTIAL SHIMS (6x17MM)



TKR5146
DIFFERENTIAL SHIMS
(3x8x0.15MM)



TKRBB08165
BALL BEARING(8x16x5MM)

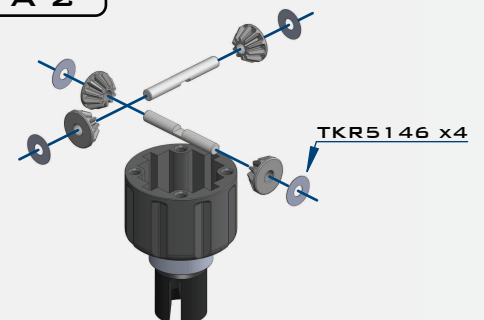


STEP A-3

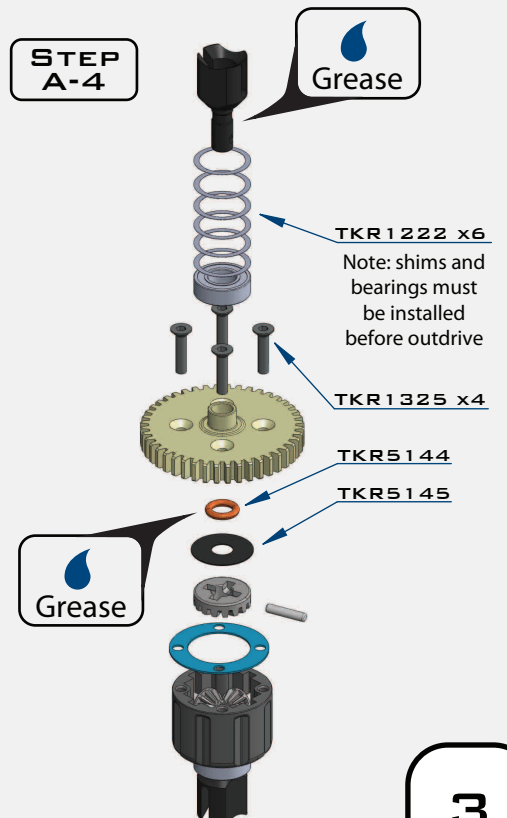


Fill with 7000 wt oil to
the top of spider gears

STEP A-2



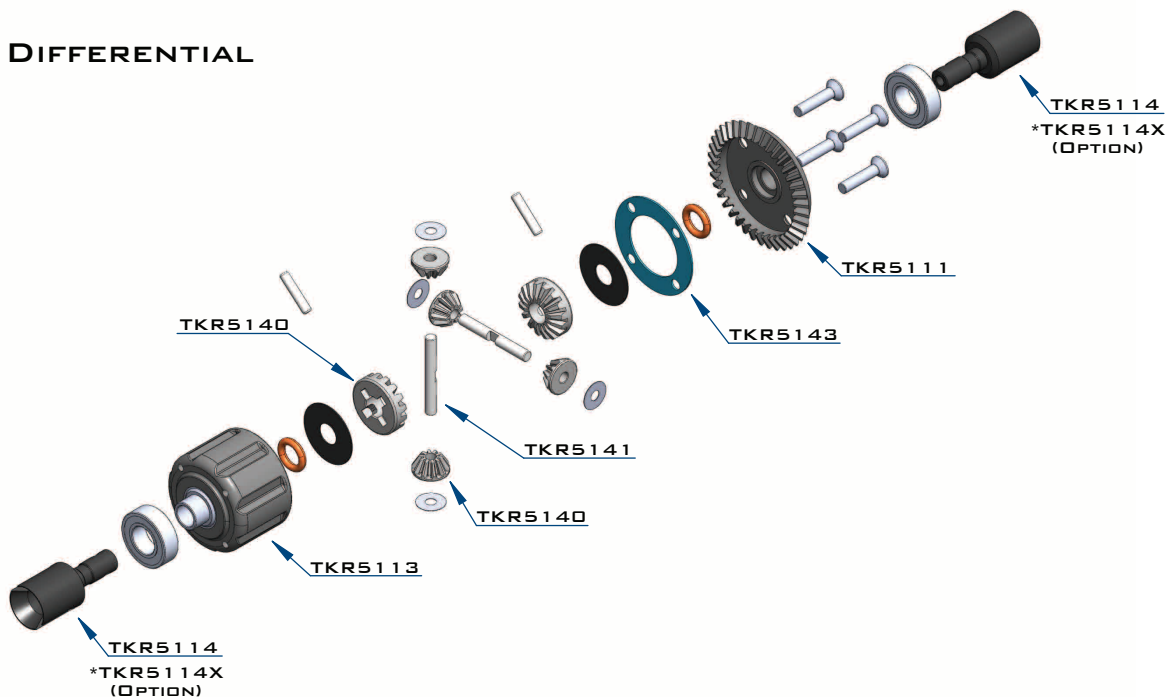
STEP A-4



BAG B

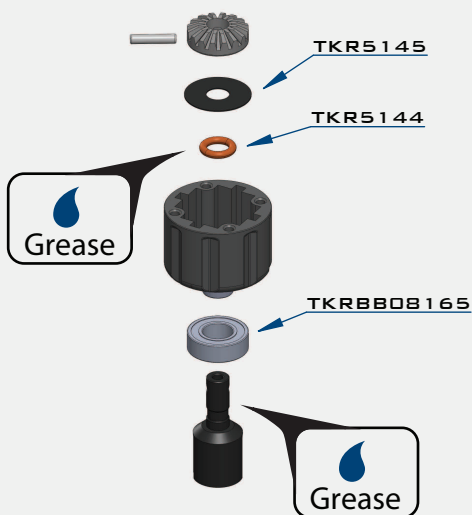
FRONT/REAR DIFFERENTIAL

(OVERVIEW)



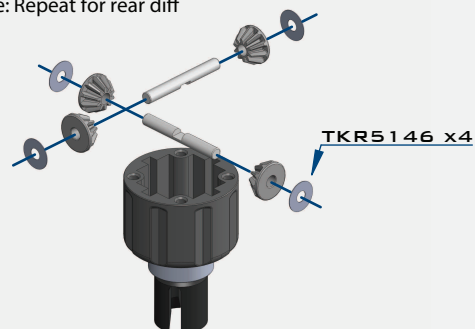
STEP B-1

Note: Repeat for rear diff



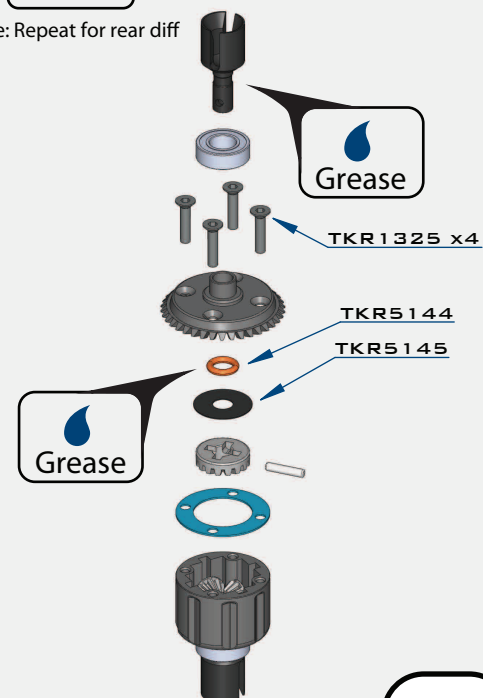
STEP B-2

Note: Repeat for rear diff



STEP B-4

Note: Repeat for rear diff

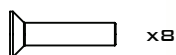


STEP B-3

Note: Repeat for rear diff



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



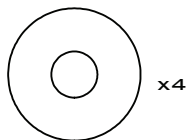
x8

TKR1325
M3X14MM FLAT HEAD SCREW



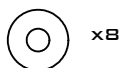
x4

TKR5144
DIFFERENTIAL O-RINGS



x4

TKR5145
DIFFERENTIAL SHIMS (6X17MM)



x8

TKR5146
DIFFERENTIAL SHIMS
(3X8X0.15MM)

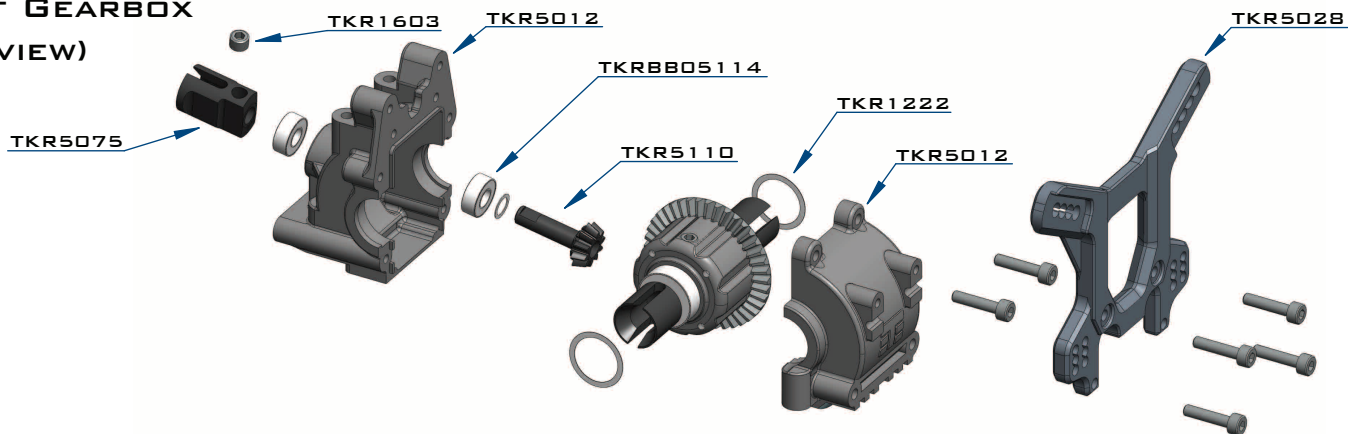


x4

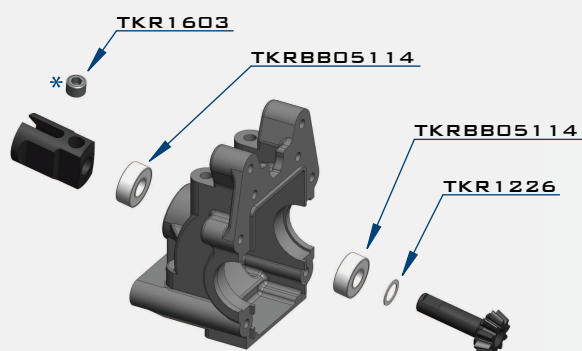
TKRBB08165
BALL BEARING(8X16X5MM)

BAG C

FRONT GEARBOX (OVERVIEW)



STEP C-1



FRONT

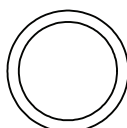
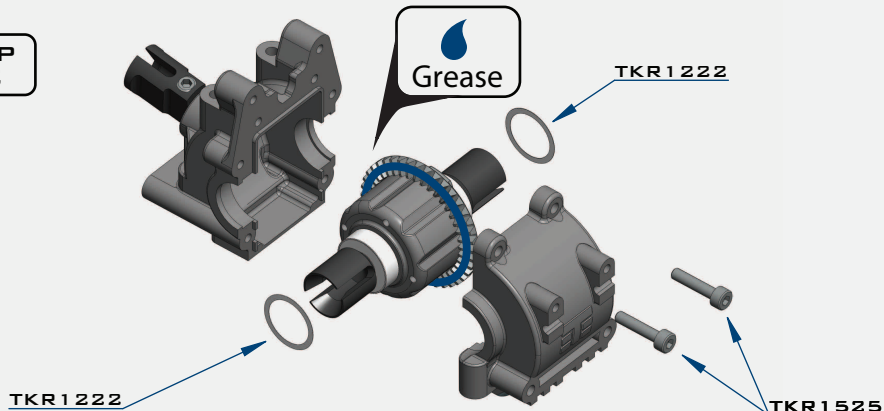
REAR

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

Grease



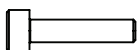
x2

TKR1222
13x16x0.1MM DIFF SHIM



x1

TKR1226
5x7x0.2MM SHIM



x6

TKR1525
M3x14MM CAP HEAD SCREW



x1

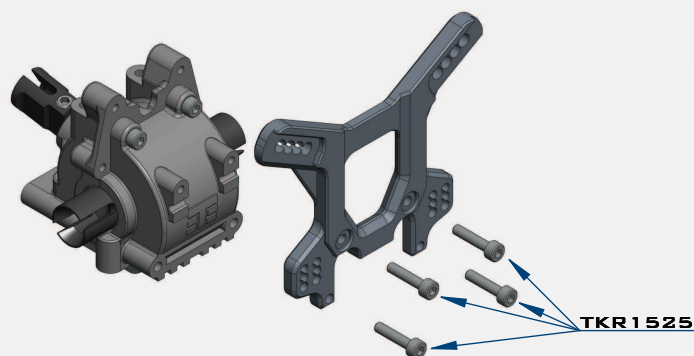
TKR1603
M5x4MM SET SCREW



x2

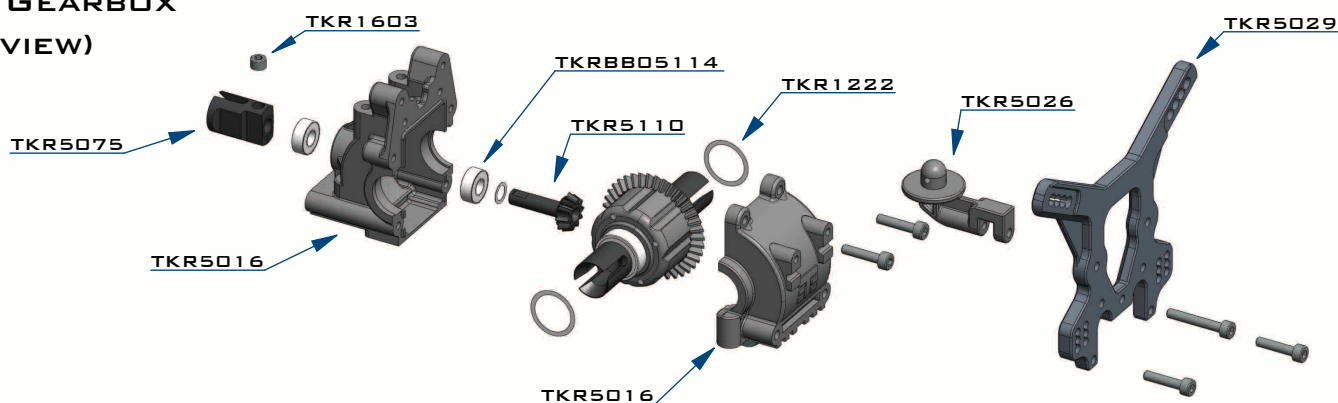
TKRBB05114
BALL BEARING (5x11x4)

STEP C-3

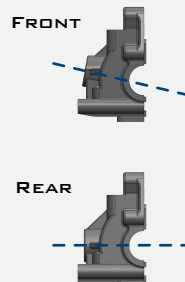
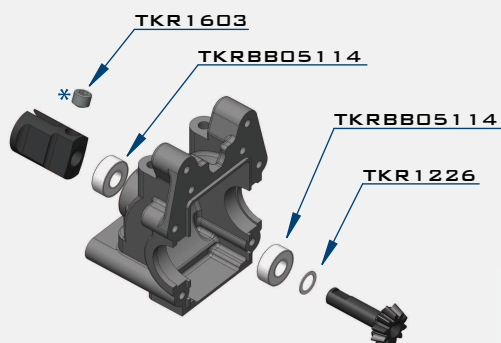


BAG D

REAR GEARBOX (OVERVIEW)

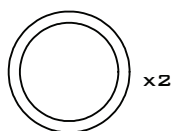


STEP D-1



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

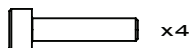
Note: TKR1222 and TKR1226 Shims - The gear mesh should be tight without any binding. TKR1226 should always be installed. Then test fitment of the diff with both TKR1222 shims on the gear-side of the diff. If the diff turns freely without binding, continue to next step. If the diff binds and does not 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.



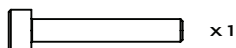
TKR1222
13x16x0.1MM DIFF SHIM



TKR1226
5x7x0.2MM SHIM



TKR1525
M3x14MM CAP HEAD SCREW



TKR1529
M3x20MM CAP HEAD SCREW

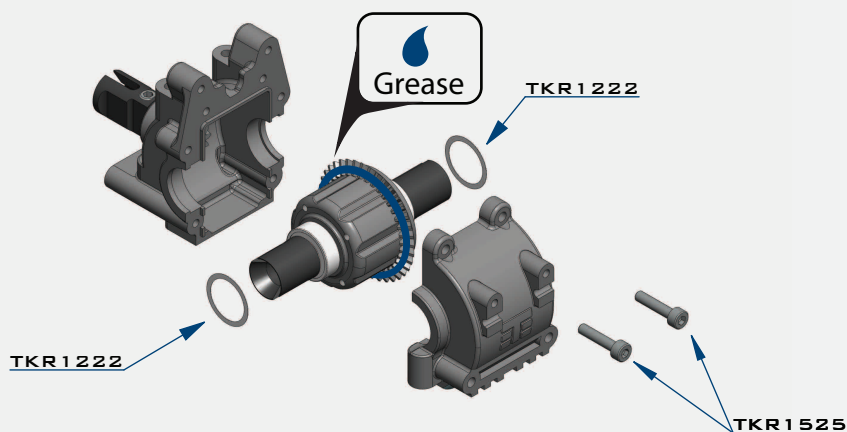


TKR1603
M5x4MM SET SCREW

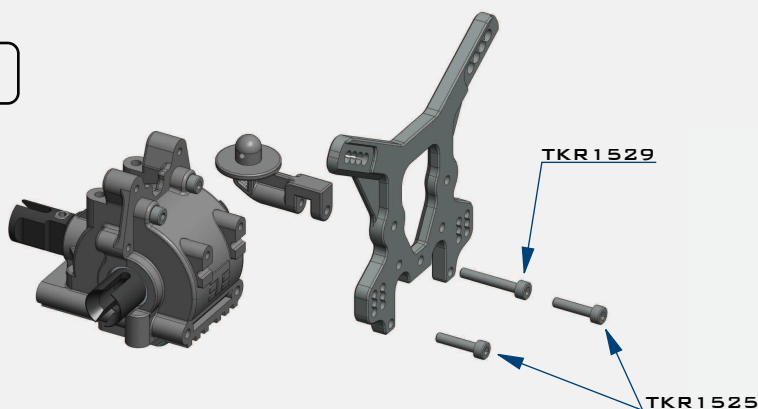


TKRBB05114
BALL BEARING (5x11x4)

STEP D-2

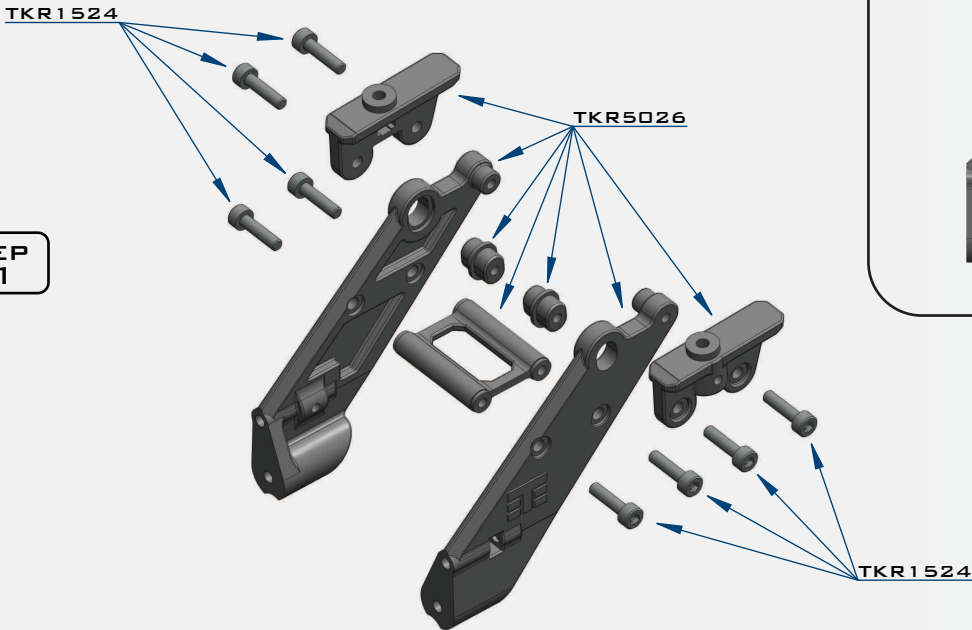
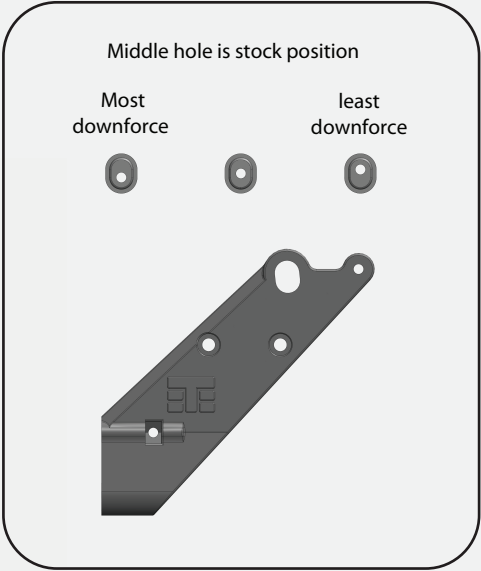


STEP D-3



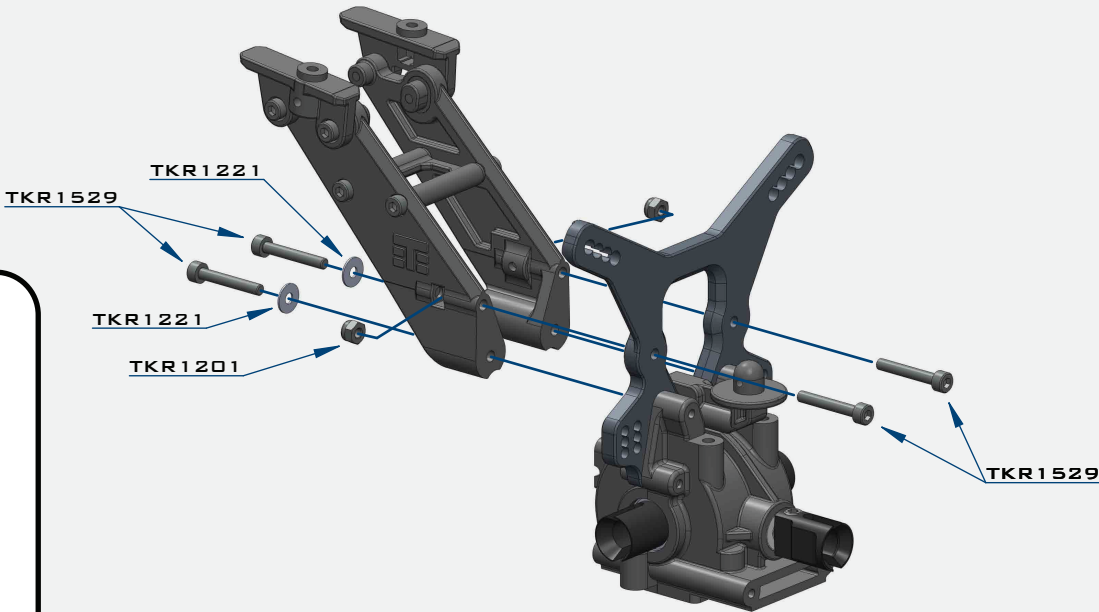
BAG E

WING MOUNT



STEP
E-1

STEP
E-2



x2
TKR1201
M3 LOCK NUT BLACK

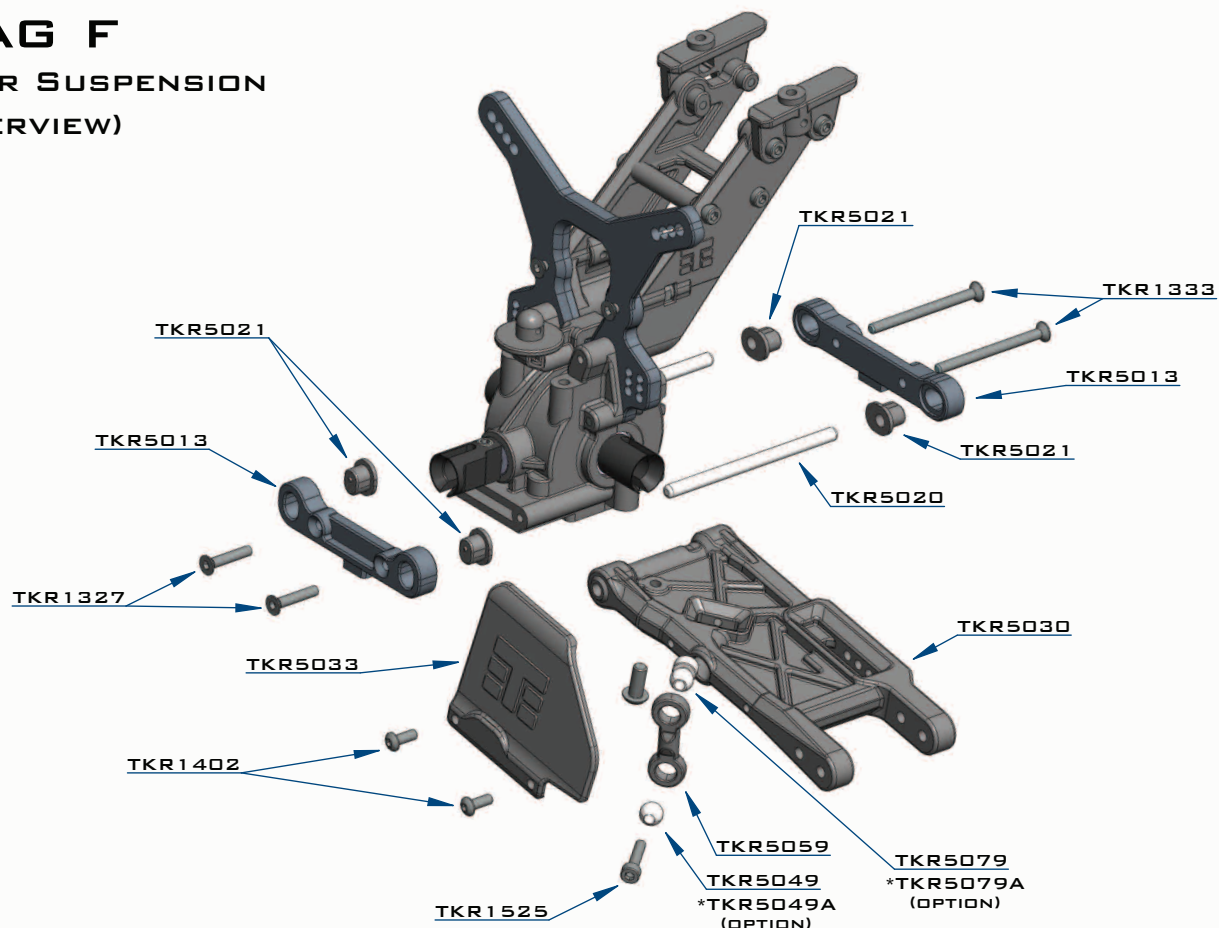
x2
TKR1221
M3x8MM WASHER

x8
TKR1524
M3x12MM CAP HEAD SCREW

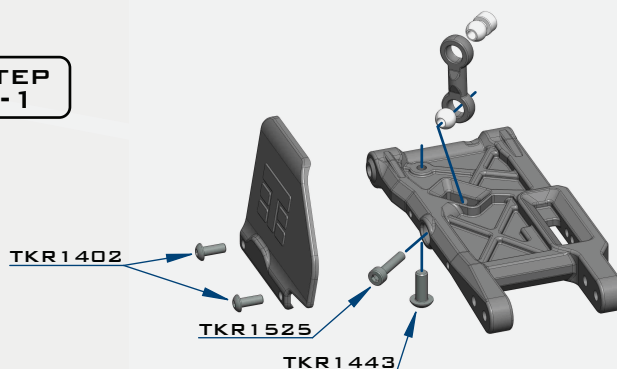
x4
TKR1529
M3x20MM CAP HEAD SCREW

BAG F

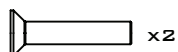
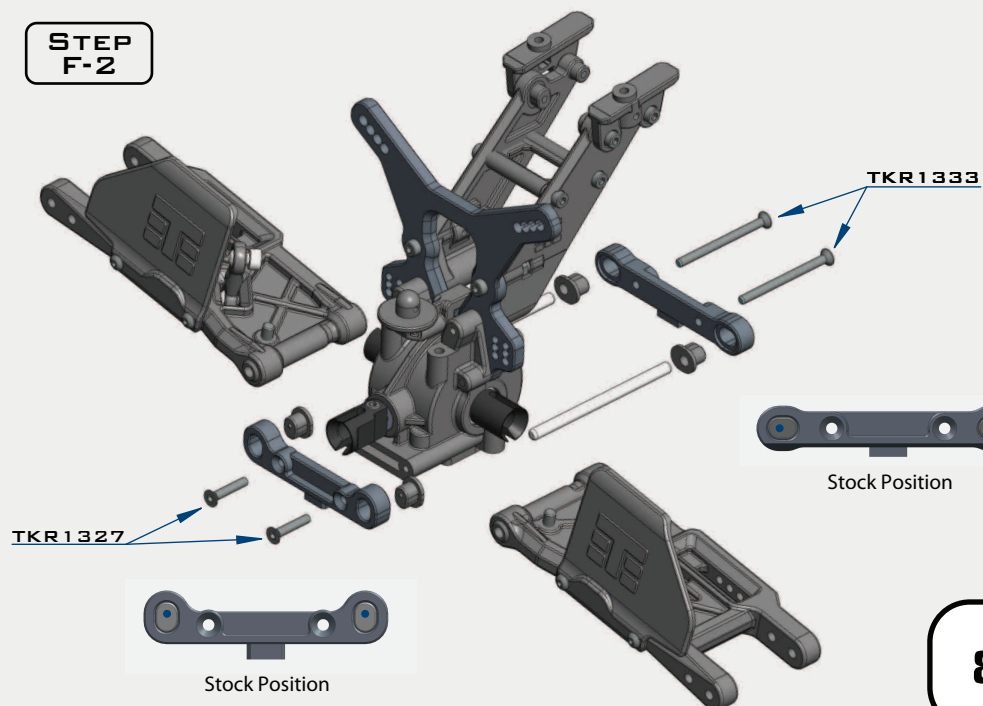
REAR SUSPENSION (OVERVIEW)



STEP F-1

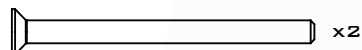


STEP F-2



x2

TKR1327
M3x16MM FLAT HEAD SCREW



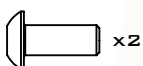
x2

TKR1333
M3x40MM FLAT HEAD SCREW



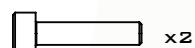
x4

TKR1402
M3x8MM BUTTON HEAD SCREW



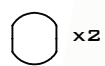
x2

TKR1443
M4x10MM BUTTON HEAD SCREW



x2

TKR1525
M3x14MM CAP HEAD SCREW



x2

TKR5049
PIVOT BALL SWAY BAR



x2

TKR5079
STABILIZER BALL

BAG F

REAR SWAY BAR

STEP F-3

TKR5082 - 2.4MM
(OPTION)

*TKR5080 - 2.2MM

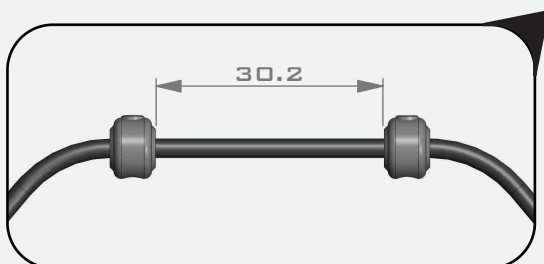
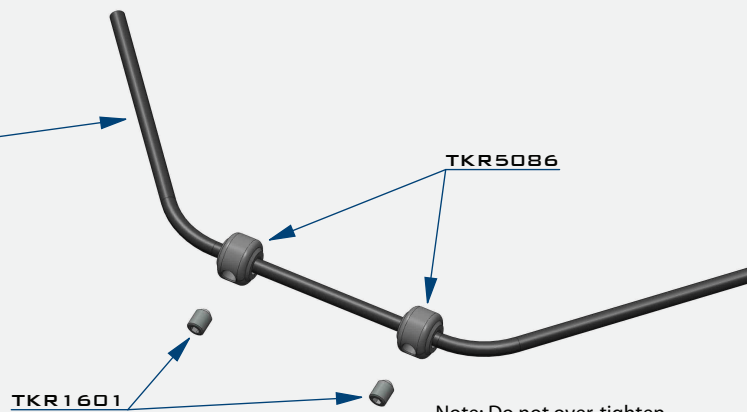
*TKR5081 - 2.3MM

*TKR5083 - 2.5MM

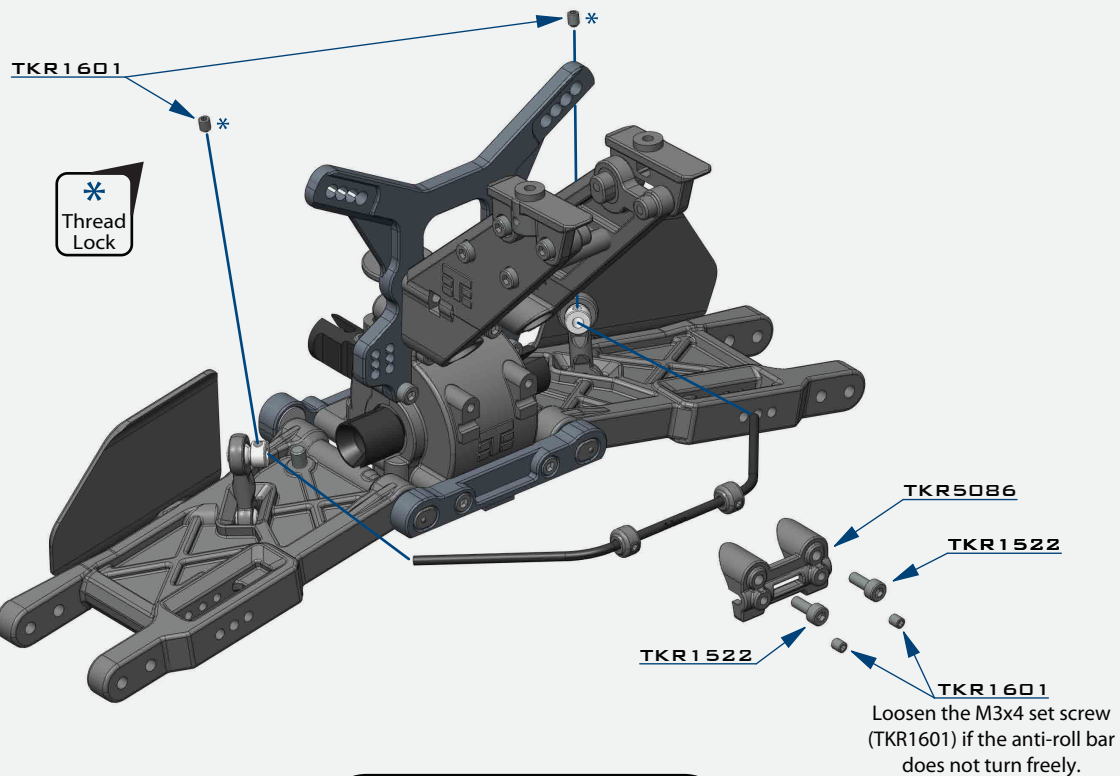
*TKR5084 - 2.6MM

*TKR5085 - 2.8MM

*TKR5087 - 3.0MM



STEP F-4



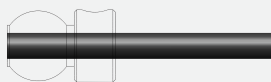
x2

TKR1522
M3x8MM CAP HEAD SCREW



x6

TKR1601
M3x4MM SET SCREW

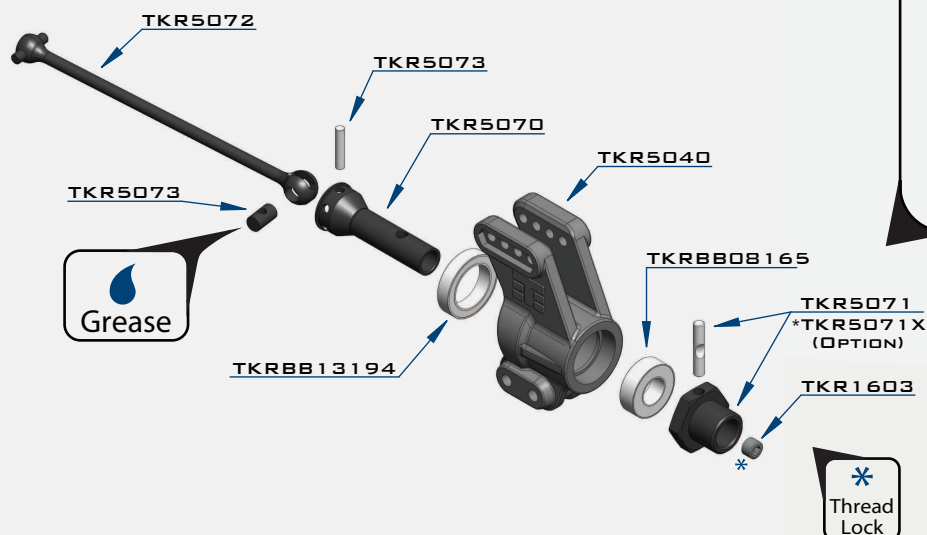


Install the Sway Bar Ball onto the Sway Bar Wire until the end of the wire is flush with the ball as picture above.

BAG G

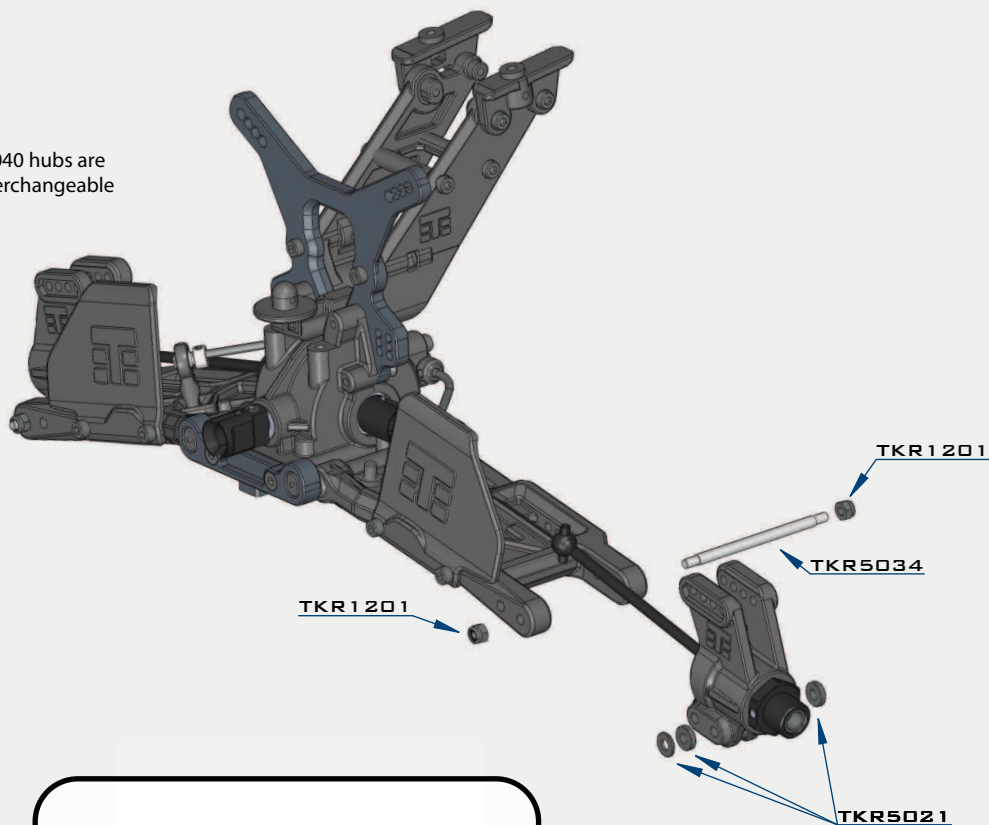
REAR HUB/CVA ASSEMBLY

STEP G-1



STEP G-2

Note: TKR5040 hubs are left/right interchangeable



x4
TKR1201
M3 LOCKNUT BLACK

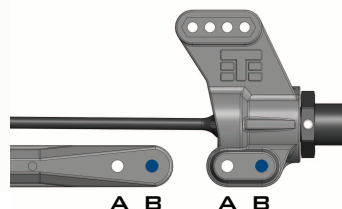
x2
TKR1603
M5X4MM SET SCREW

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

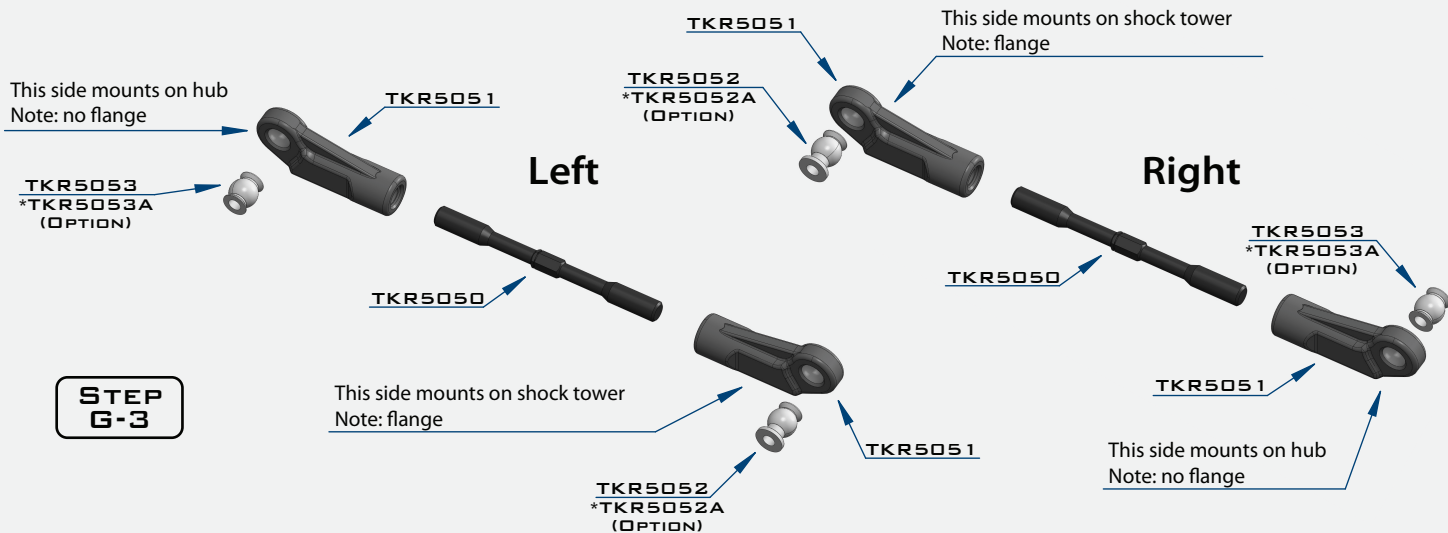
*Only use hole A in the arm with hole A in the hub

*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.

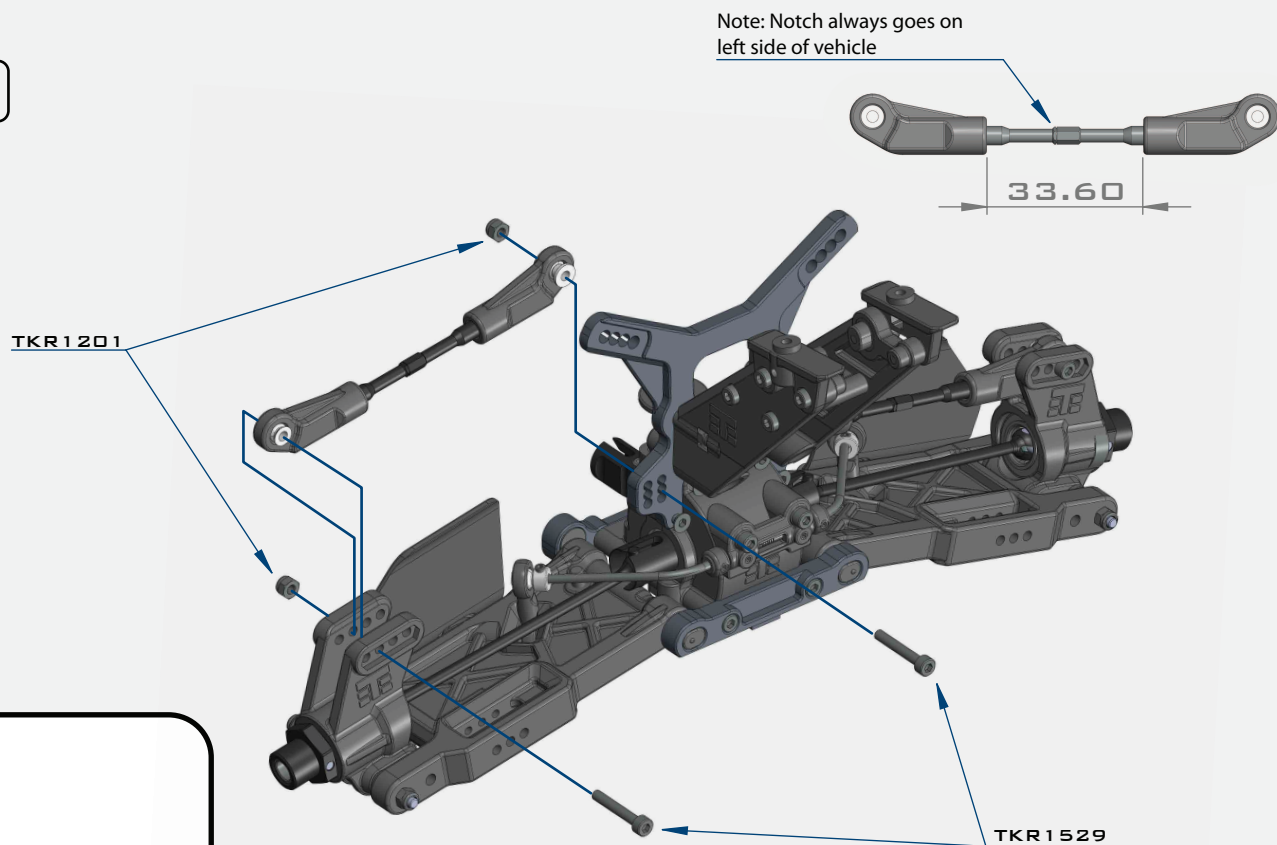
BAG G

REAR CAMBER LINKS



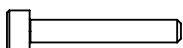
STEP G-3

STEP G-4



x4

TCR1201
M3 LOCKNUT BLACK



x4

TCR1529
M3X20MM CAP HEAD SCREW



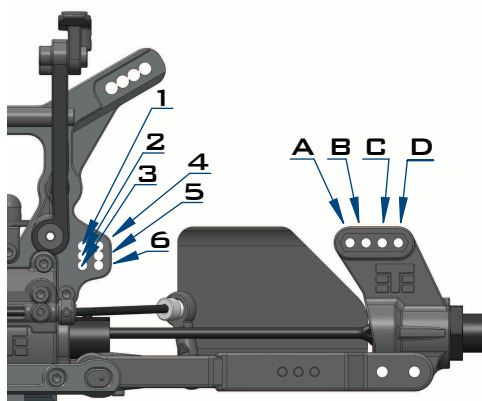
x2

TCR5052
PIVOT BALL M3X6.8MM



x2

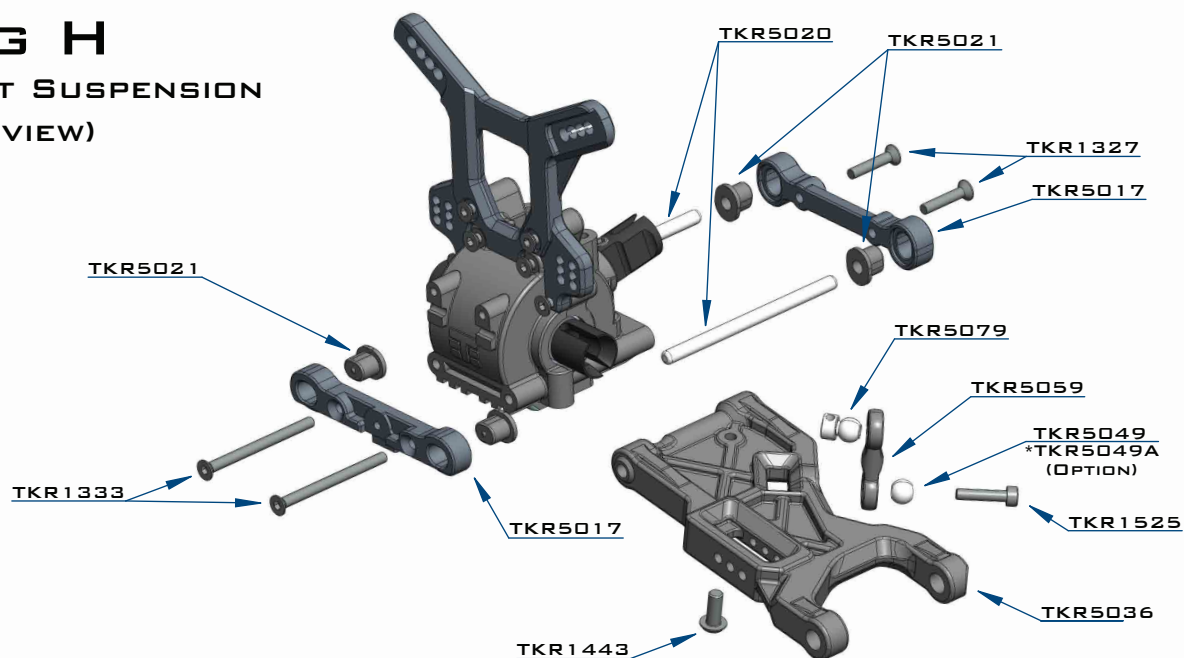
TCR5053
PIVOT BALL M3X6.8MM
NO FLANGE



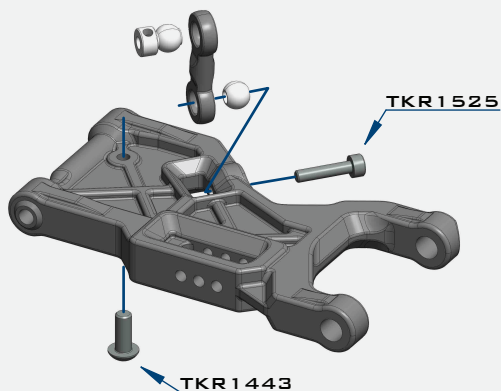
Stock position is 2 / C

BAG H

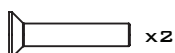
FRONT SUSPENSION (OVERVIEW)



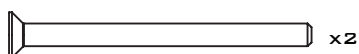
STEP H-1



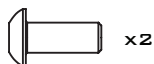
STEP H-2



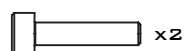
TKR1327
M3x16MM FLAT HEAD SCREW



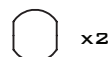
TKR1333
M3x40MM FLAT HEAD SCREW



TKR1443
M4x10MM BUTTON HEAD SCREW



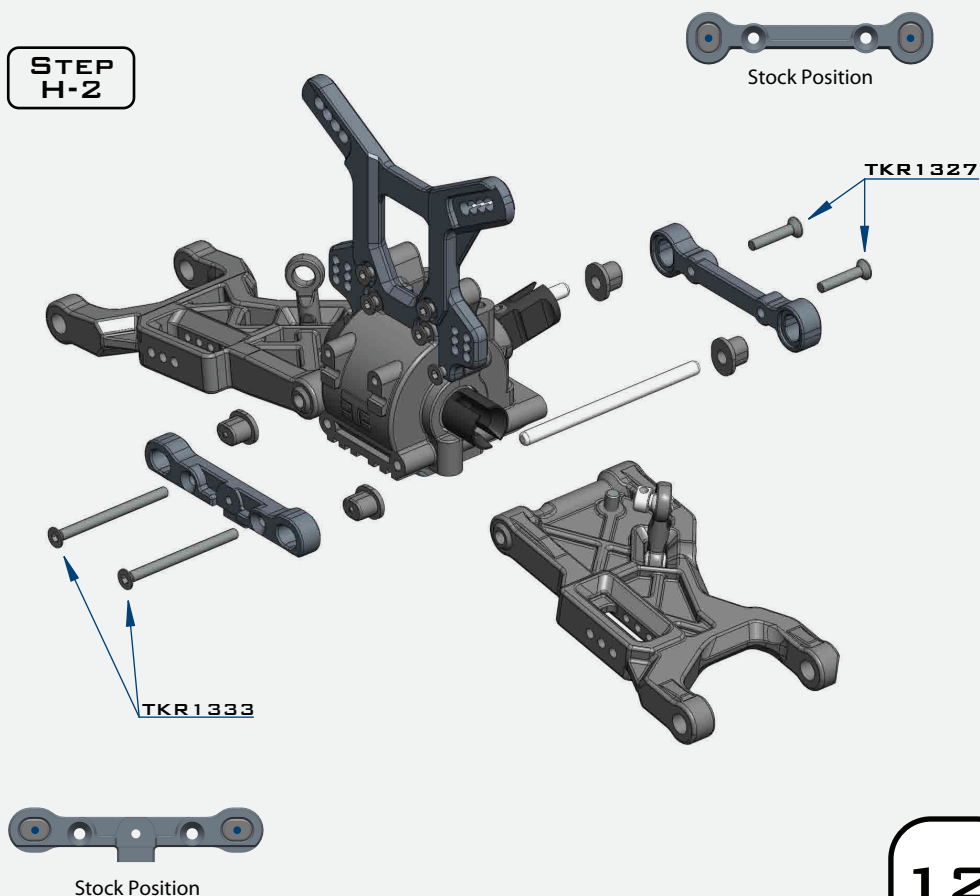
TKR1525
M3x14MM CAP HEAD SCREW



TKR5049
PIVOT BALL SWAY BAR



TKR5079
STABILIZER BALL



BAG H

FRONT SWAY BAR

STEP H-3

TKR5081 - 2.3MM
(OPTION)

*TKR5080 - 2.2MM

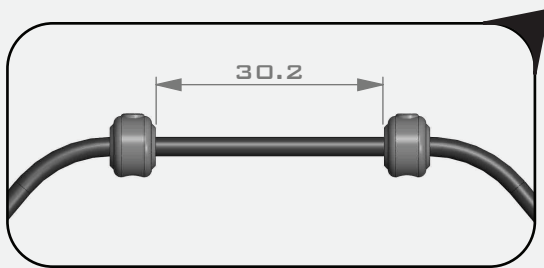
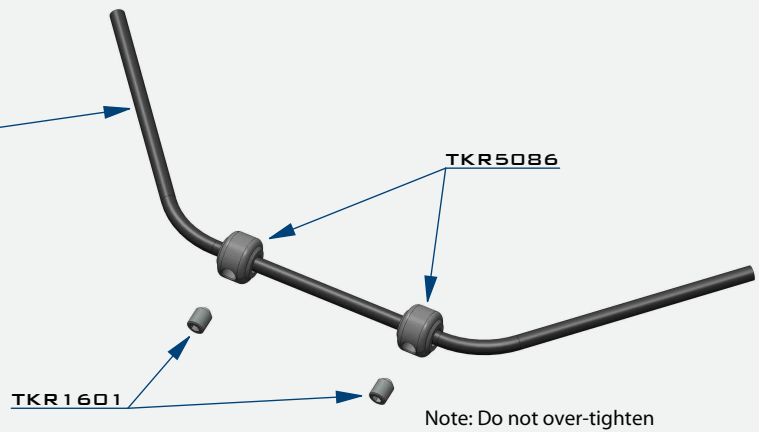
*TKR5082 - 2.4MM

*TKR5083 - 2.5MM

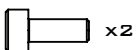
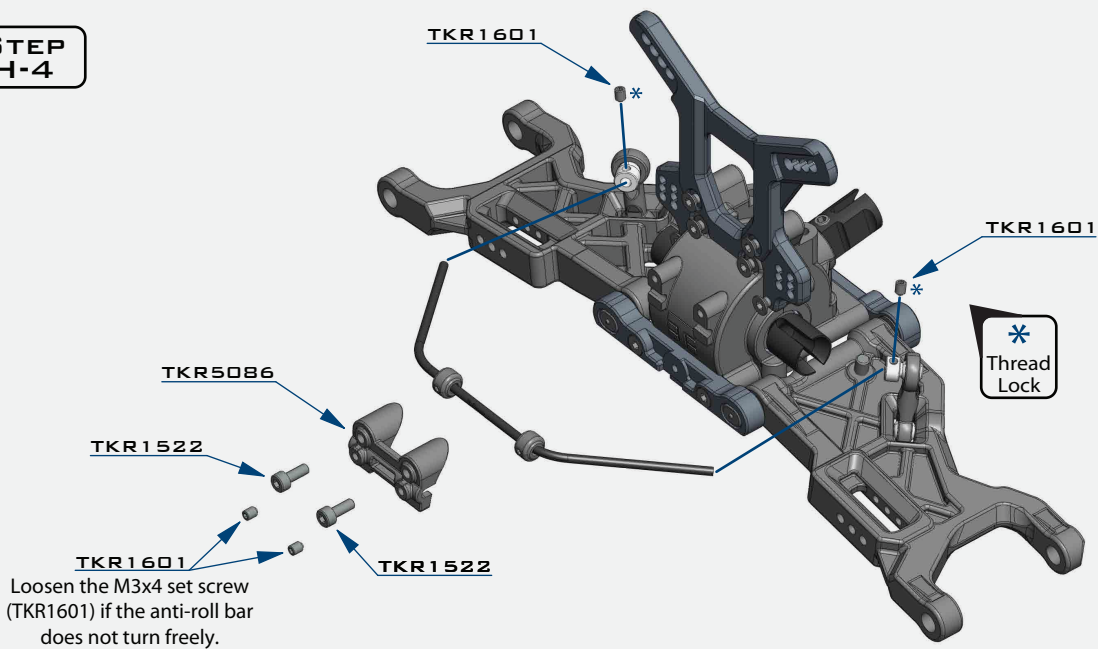
*TKR5084 - 2.6MM

*TKR5085 - 2.8MM

*TKR5087 - 3.0MM



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



TKR5073

TKR5072

TKR1445

TKR5070

TKR5042

TKR5054
*TKR5054A
(OPTION)

TKRBB13194

TKR5041

TKR5071
*TKR5071X
(OPTION)

TKR5071
*TKR5071X
(OPTION)

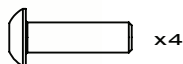
TKRBB08144

TKR1603

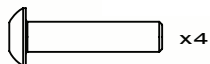


M3 x6mm button
head screw can be used a
steering stop if desired.

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



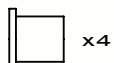
TKR1445
M4x14MM BUTTON HEAD SCREW



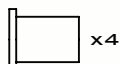
TKR1448
M4x18MM BUTTON HEAD SCREW



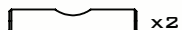
TKR1603
M5x4MM SET SCREW



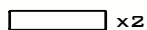
TKR5054
SPINDLE PIN SLEEVE



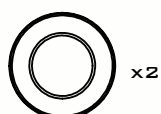
TKR5055
SUSPENSION PIN SLEEVE FRONT



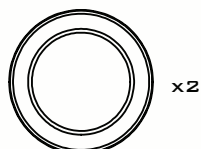
TKR5071
M3x16.8MM PIN



TKR5073
CV JOINT PIN

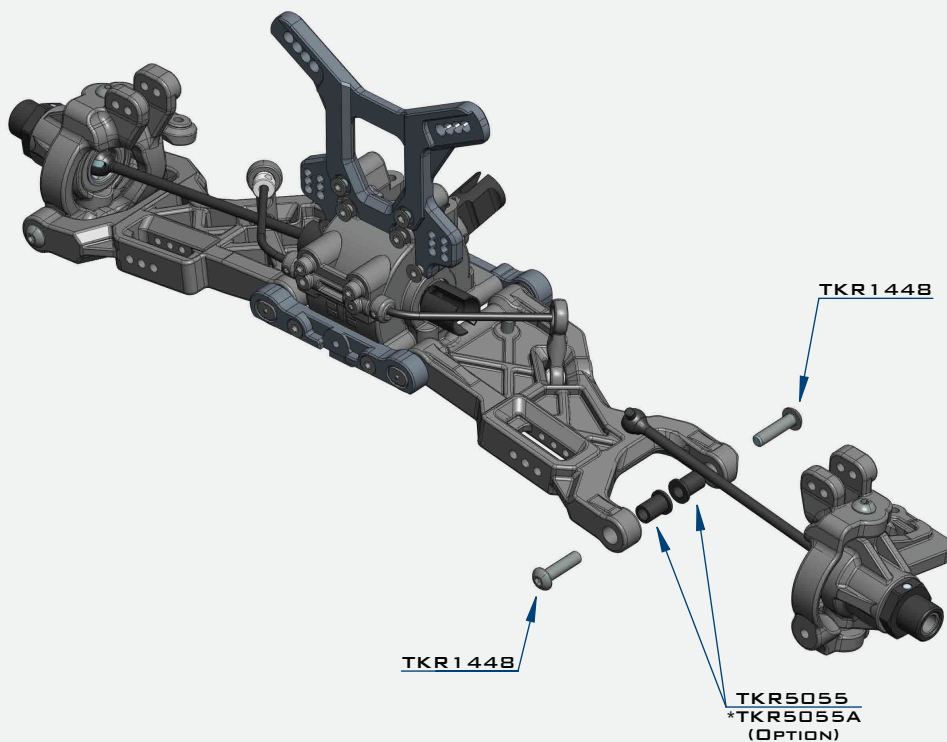


TKRBB08144



TKRBB13194

STEP
I-2



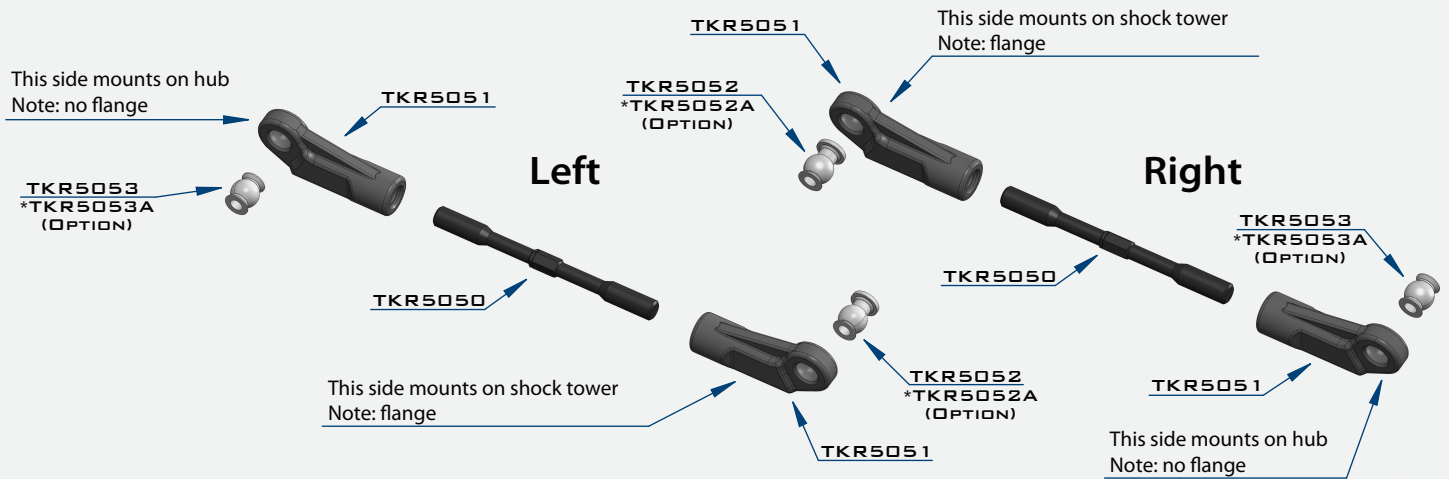
TKR1448

TKR1448

TKR5055
*TKR5055A
(OPTION)

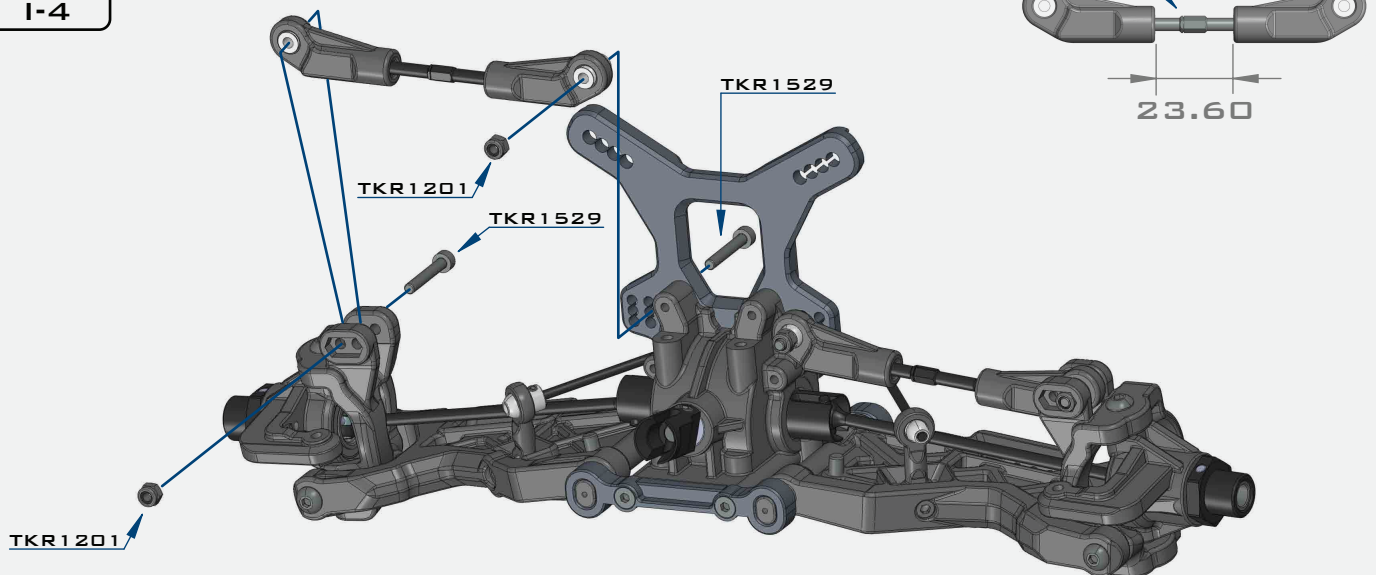
BAG I

FRONT CAMBER LINKS



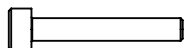
STEP
1-4

Note: Notch always goes on left side of vehicle.



x4

TKR1201
M3 LOCK NUT BLACK



x4

TKR1529
M3x20MM CAP HEAD SCREW



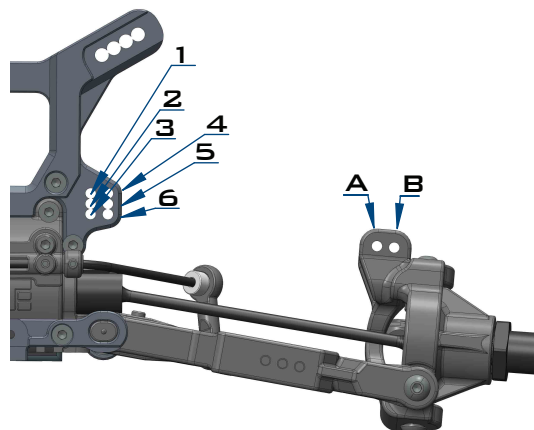
x2

TKR5052
PIVOT BALL M3x6.8MM



x2

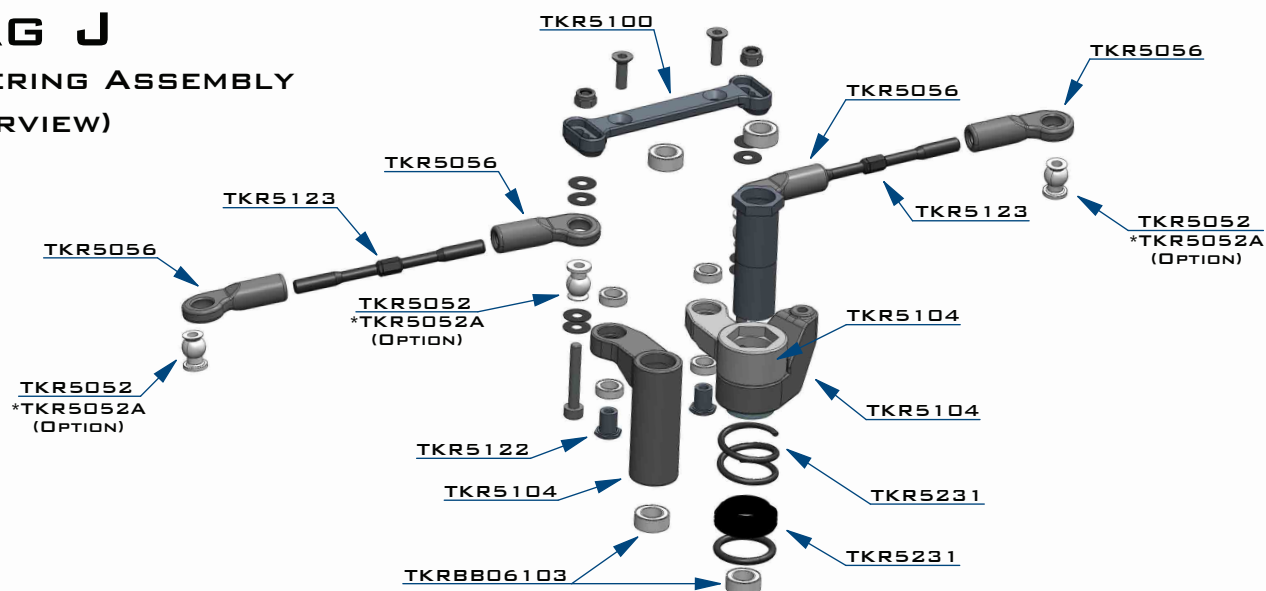
TKR5053
PIVOT BALL M3x6.8MM
NO FLANGE



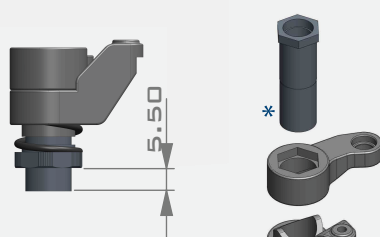
Stock position is 2B

BAG J

STEERING ASSEMBLY (OVERVIEW)



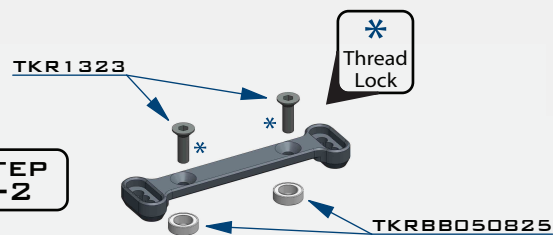
STEP J-1



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



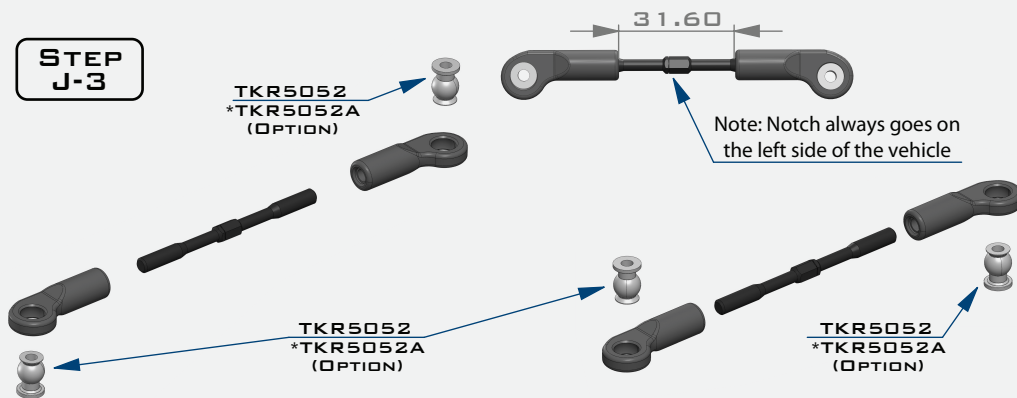
STEP J-2



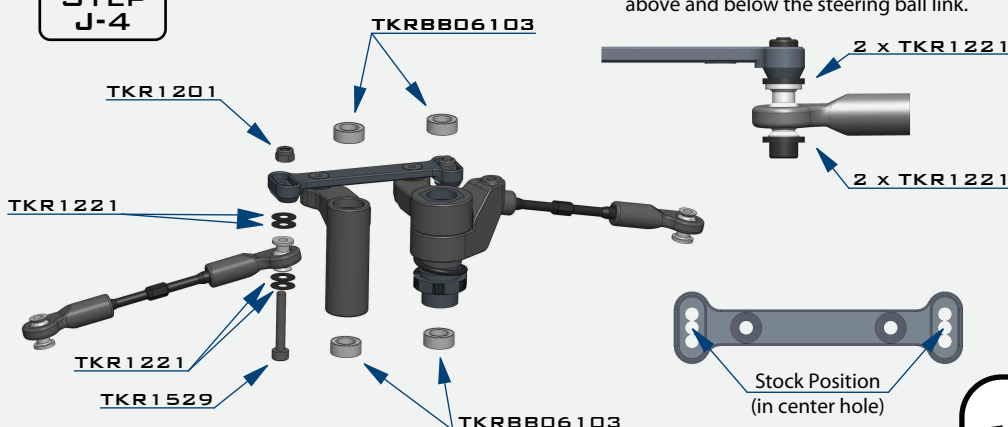
TKRBB050825

TKR5122

STEP J-3



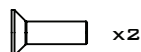
STEP J-4



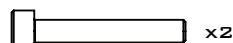
TKR1201
M3 LOCK NUT BLACK



TKR1221
M3x8MM WASHER



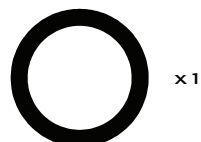
TKR1323
M3x10MM FLAT HEAD SCREW



TKR1529
M3x20MM CAP HEAD SCREW



TKR5052
PIVOT BALL M3x6.8MM



TKR5231
O-RING 16x12x2



TKRBB050825
BALL BEARING (5x8x2.5)

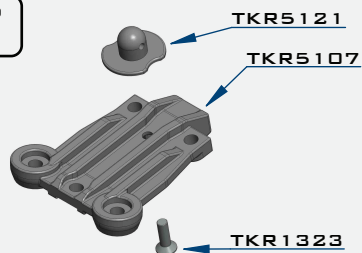


TKRBB06103
BALL BEARING (6x10x3)

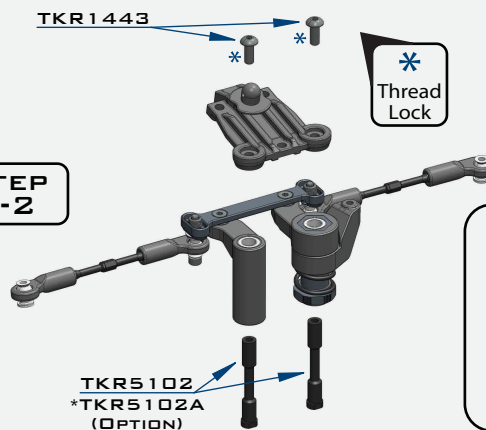
BAG K

FRONT END ASSEMBLY

STEP K-1



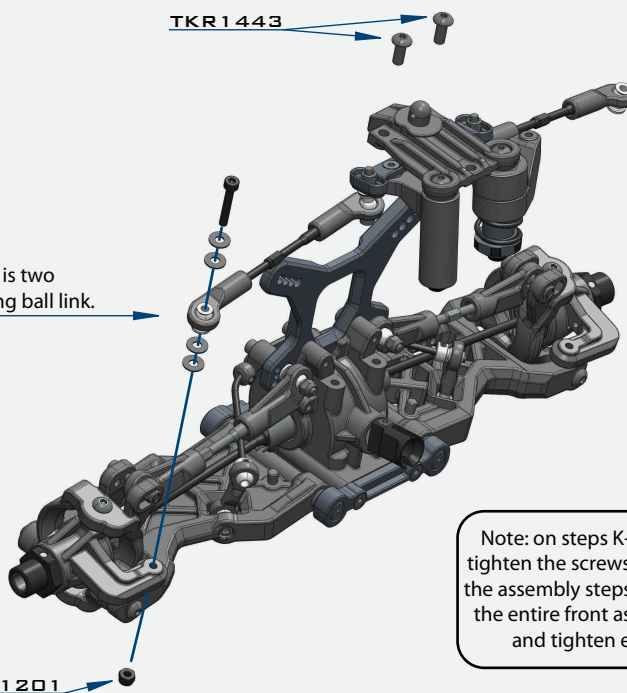
STEP K-2



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

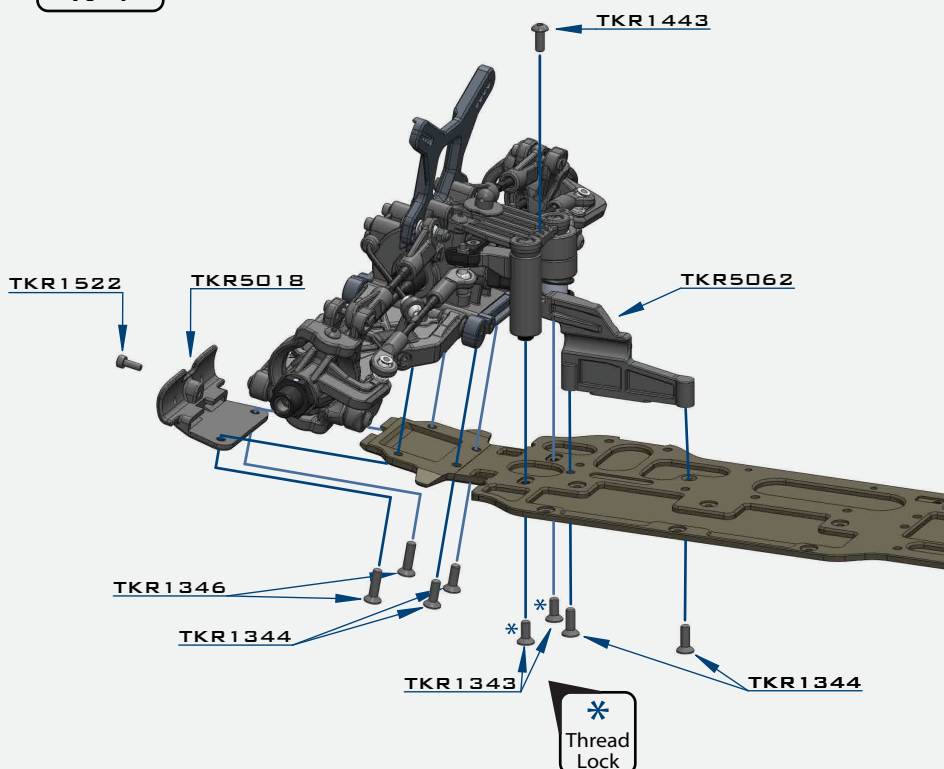
x2
TKR1346
M4x15MM FLAT HEAD SCREW

x5
TKR1443
M4x10MM BUTTON HEAD SCREW

x1
TKR1522
M3x8MM CAP HEAD SCREW

x2
TKR1529
M3x20MM CAP HEAD SCREW

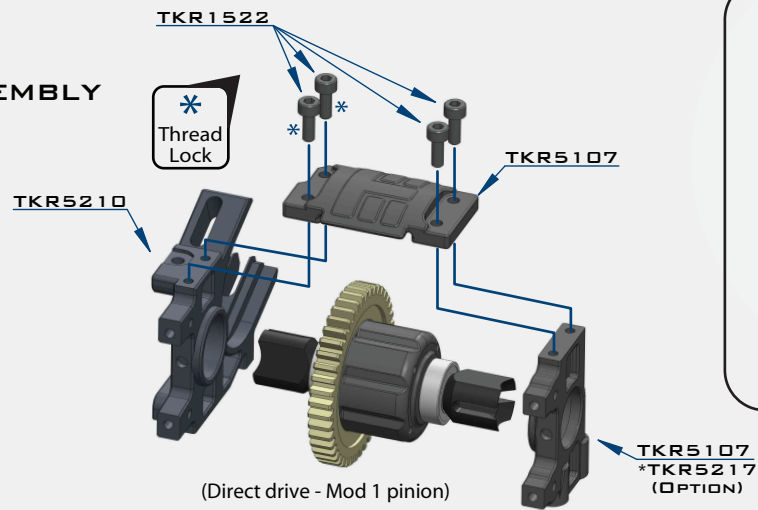
STEP K-4



BAG L

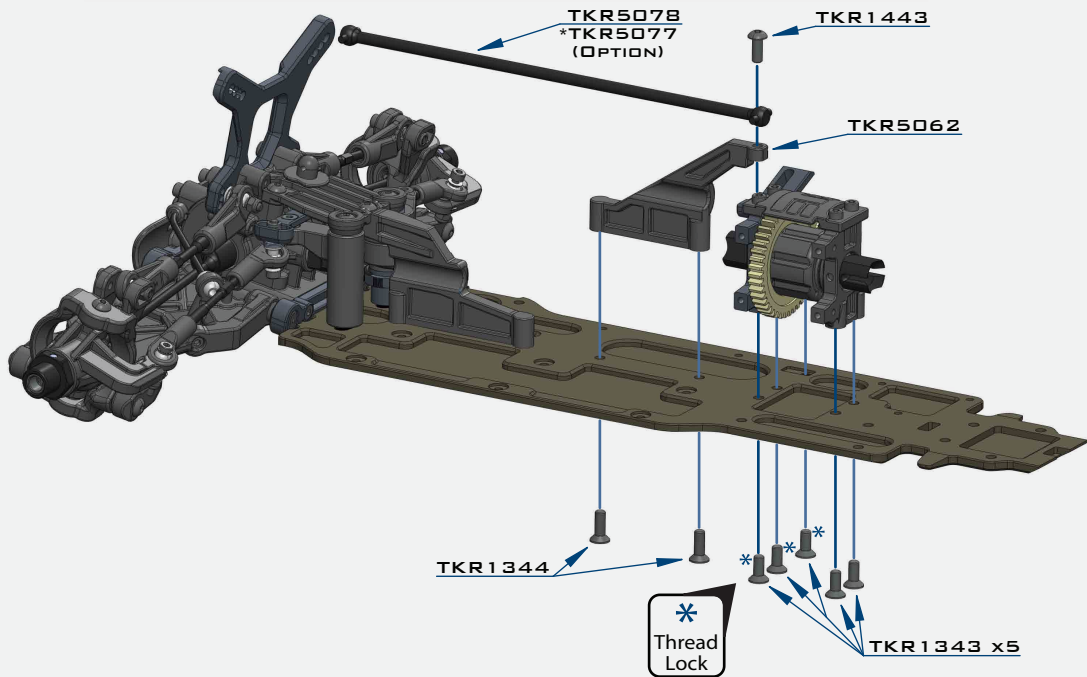
CENTER/REAR ASSEMBLY

STEP L-1

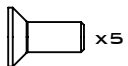


Note: If running Traktion Drive or Electri-Clutch slipper systems, reverse diff direction as shown above.

STEP L-2



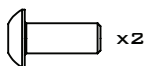
STEP L-3



TKR1343
M4x10MM FLAT HEAD SCREW



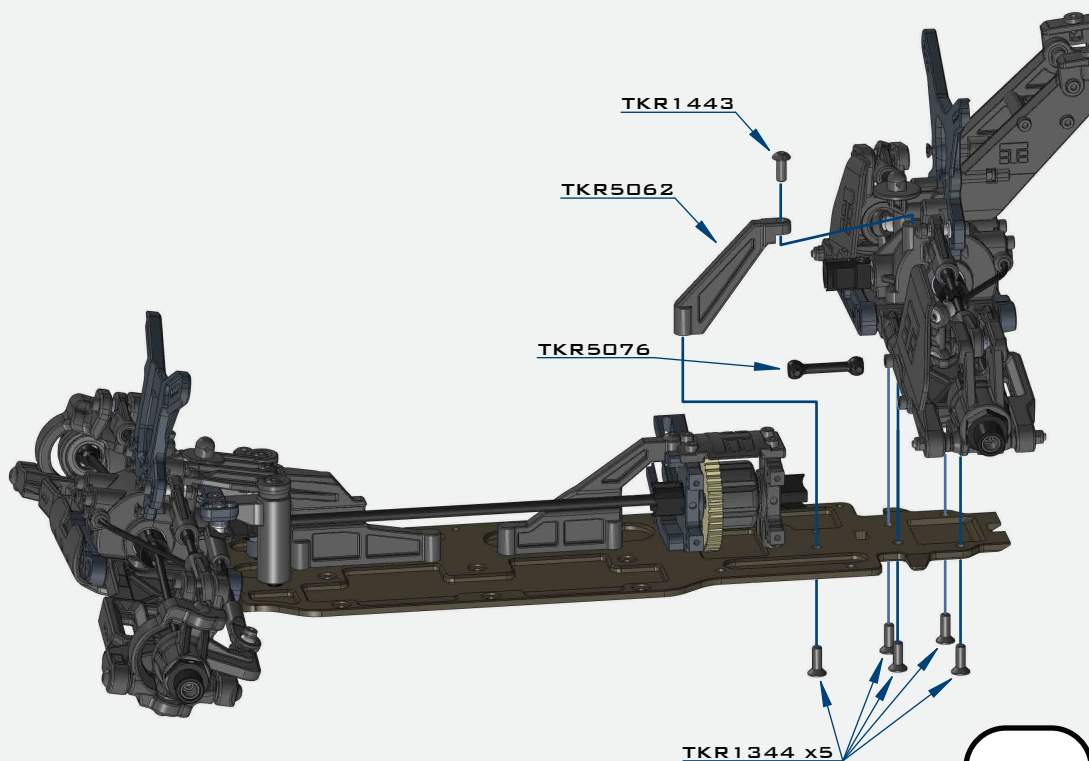
TKR1344
M4x12MM FLAT HEAD SCREW



TKR1443
M4x10MM BUTTON HEAD SCREW



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.

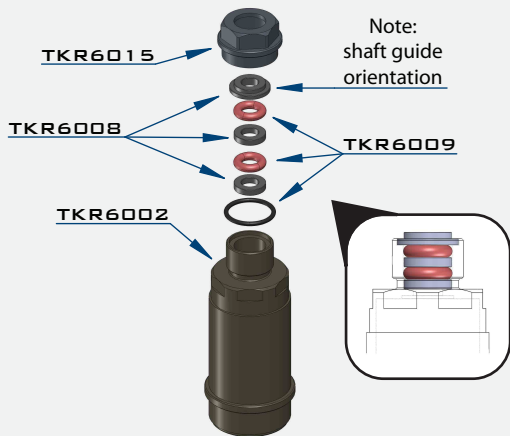
You can build the shocks in any manner you prefer, but we've found this way provides the best handling and more consistent shocks. They will also last longer between rebuilds.

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

BAG M

FRONT SHOCK ASSEMBLY

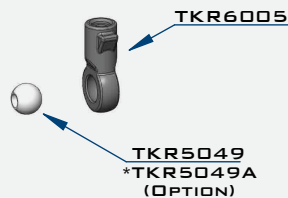
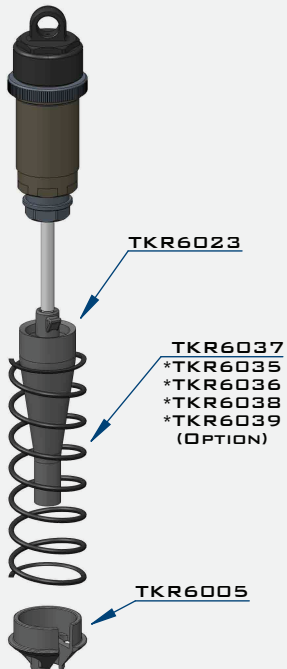
STEP M-1



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



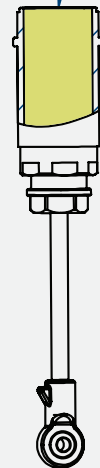
STEP M-2



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



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



STEP M-3



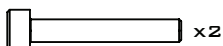
x2
TKR1200
HEX 4035 - M2.5



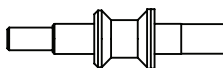
x2
TKR1202
M4 LOCK NUT BLACK



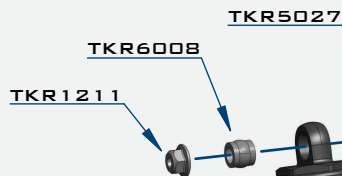
x2
TKR1211
M3 LOCK NUT FLANGE BLACK



x2
TKR1529
M3x20MM CAP HEAD SCREW



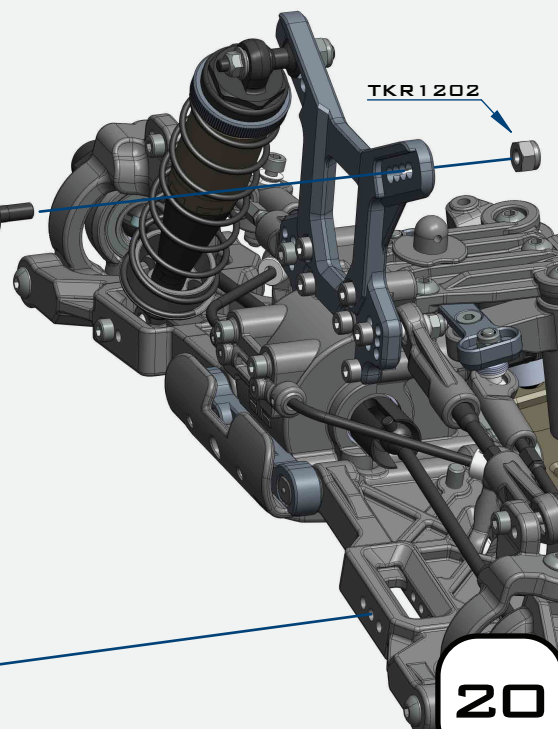
x2
TKR5027
SHOCK STAND OFF



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

Note: slot in spring perch should face outside of vehicle.

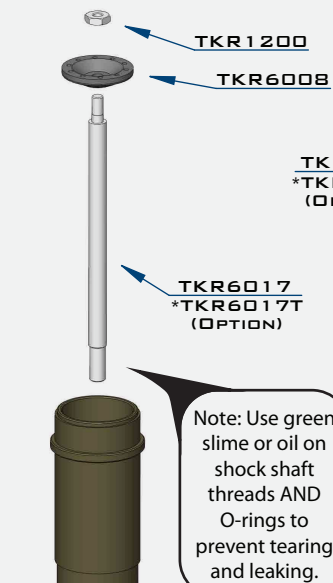
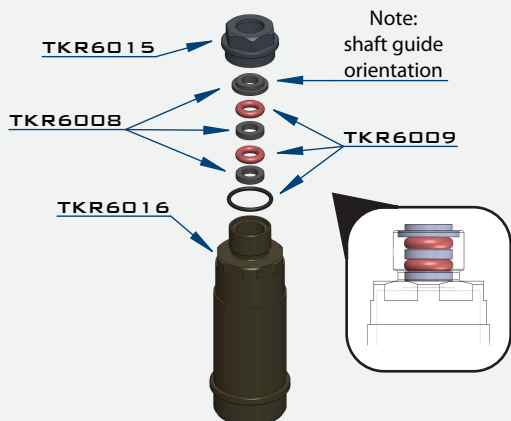
TKR1529



BAG N

REAR SHOCK ASSEMBLY

STEP N-1



TKR6003
*TKR6018 (OPTION)

TKR6009

Note: O-ring goes over threads on shock body

TKR6005

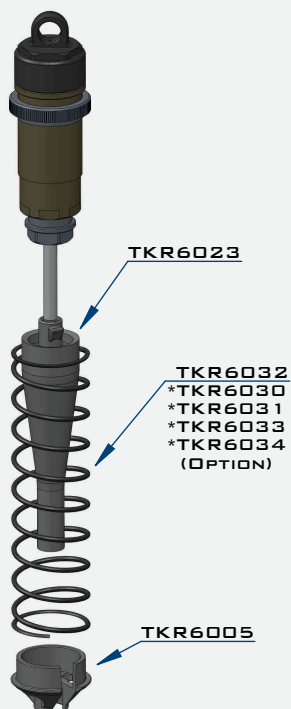
TKR5049
*TKR5049A (OPTION)

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

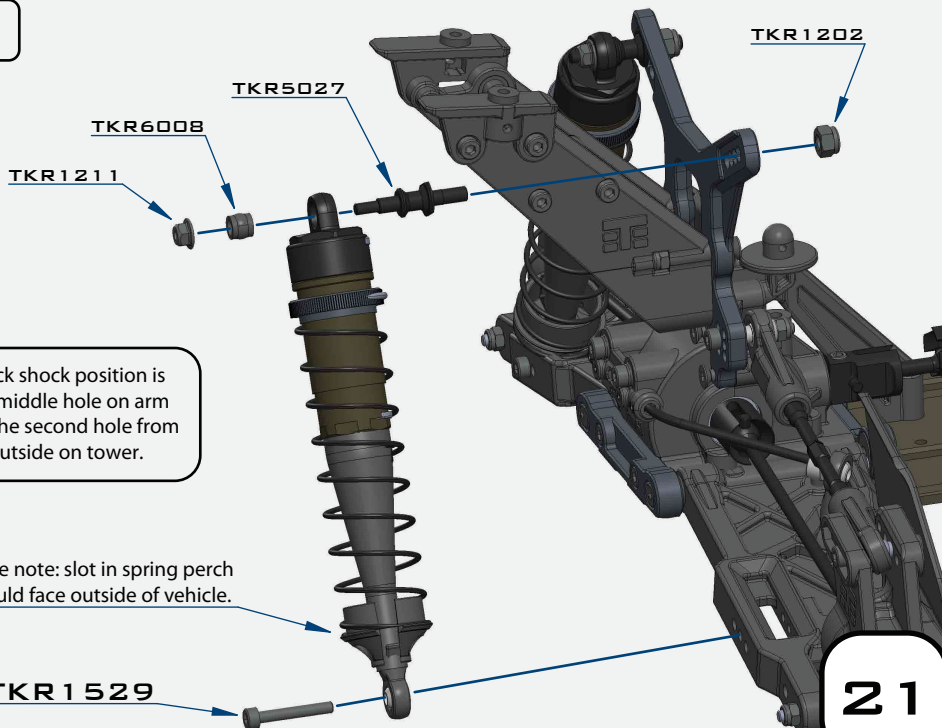
TKR6013

Fill oil level just below the top of the shock body

STEP N-2



STEP N-3



x2
TKR1200
HEX 4035 - M2.5

x2
TKR1202
M4 LOCK NUT BLACK

x2
TKR1211
M3 LOCK NUT FLANGE BLACK

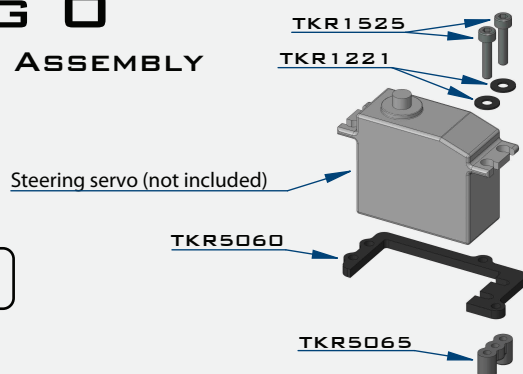
x2
TKR1529
M3x20MM CAP HEAD SCREW

x2
TKR5027
SHOCK STAND OFF

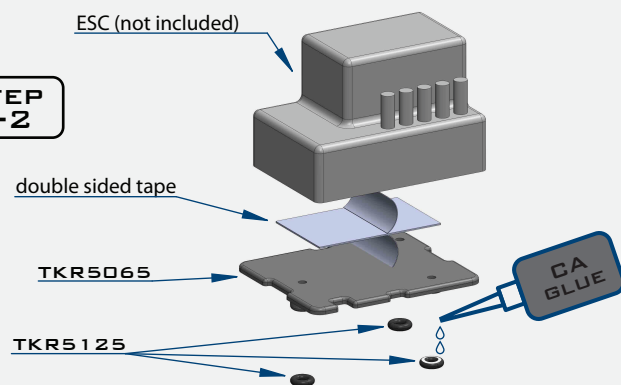
BAG 0

FINAL ASSEMBLY

STEP 0-1

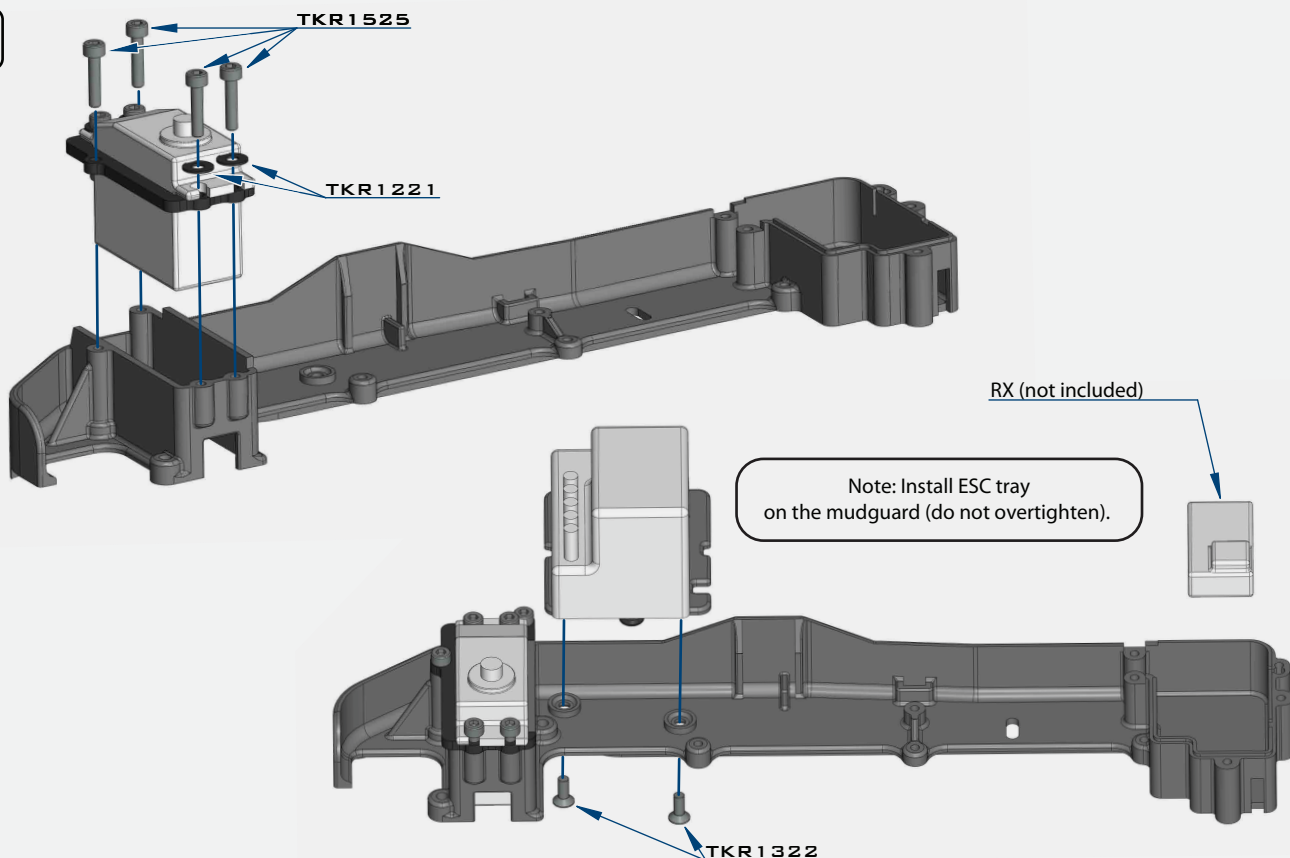


STEP 0-2



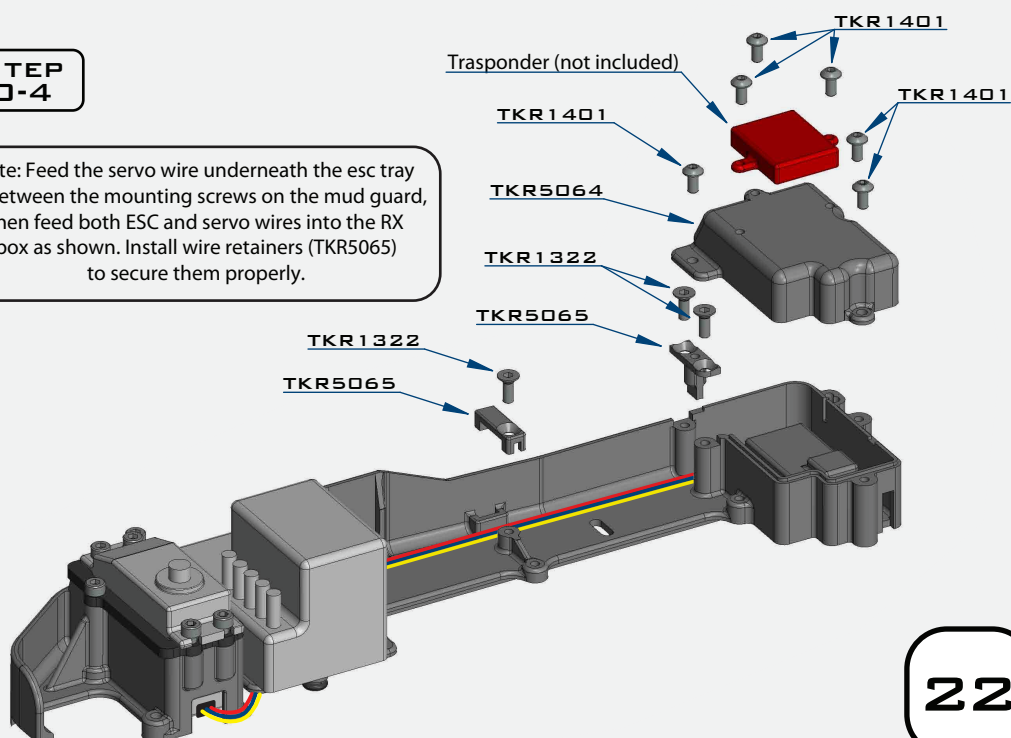
Note: CA glue 3 black o-rings (TKR5125) to the bottom legs of the ESC tray.

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

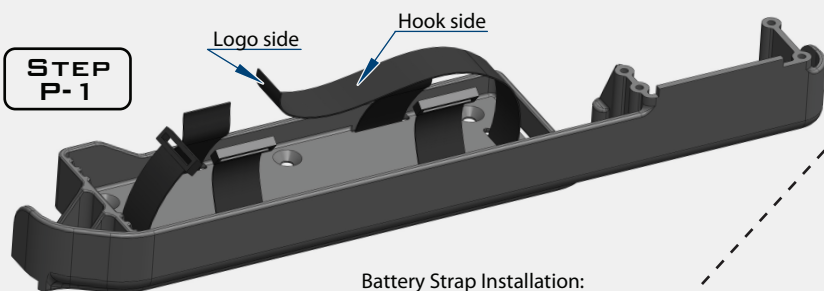
x6
TKR1525
M3X14MM CAP HEAD SCREW

x3
TKR5125
O-RING 3X7MM

BAG P

FINAL ASSEMBLY

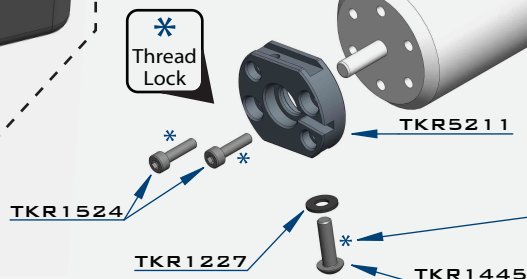
STEP P-1



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

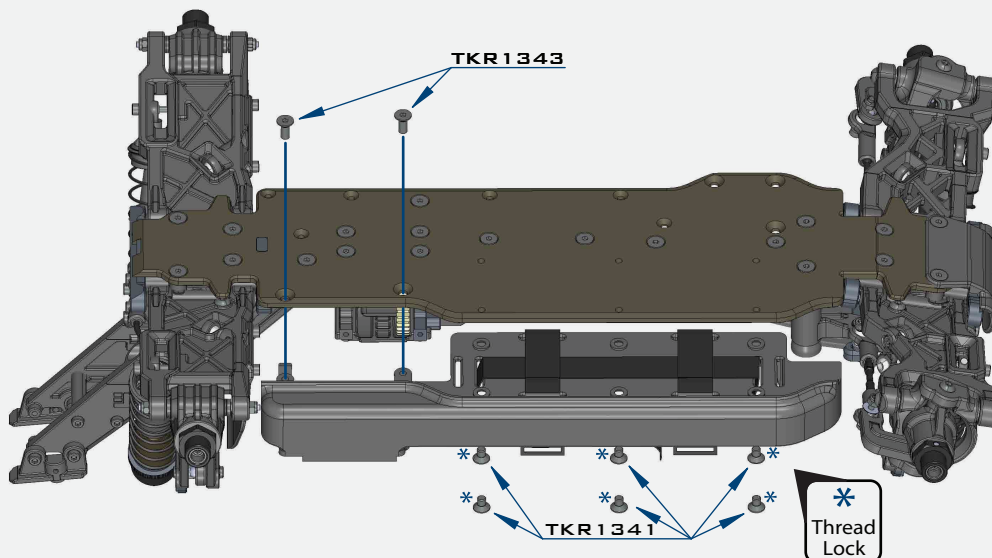
Motor (not included)

STEP P-2

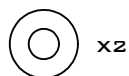
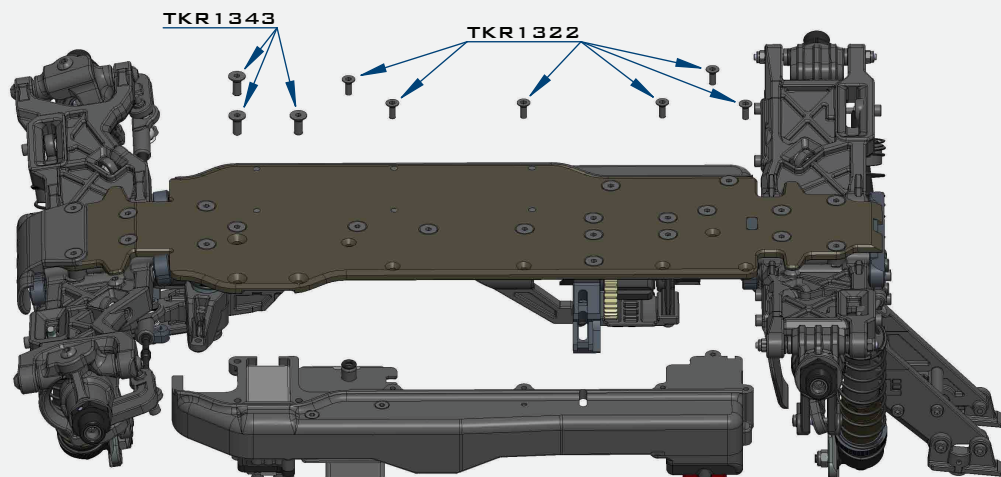


Note: Partially install (about 50%) screw & washer on to motor mount insert.
*Use thread lock.

STEP P-3



STEP P-4



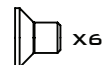
x2

TKR1227
M4X9MM WASHER



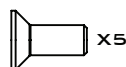
x6

TKR1322
M3X8MM FLAT HEAD SCREW



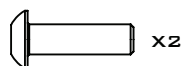
x6

TKR1341
M4X6MM FLAT HEAD SCREW



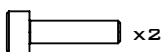
x5

TKR1343
M4X10MM FLAT HEAD SCREW



x2

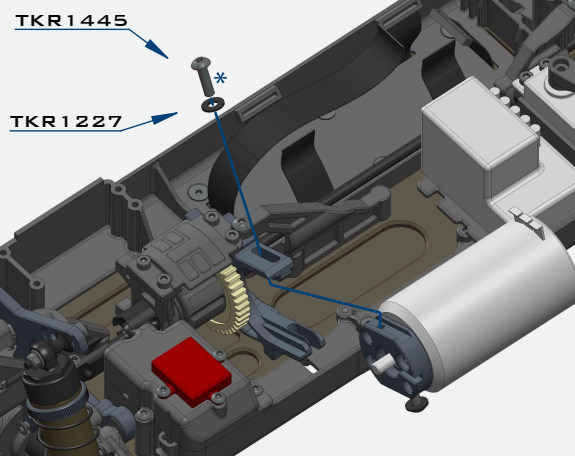
TKR1445
M4X14MM BUTTON HEAD SCREW



x2

TKR1524
M3X12MM CAP HEAD SCREW

STEP P-5

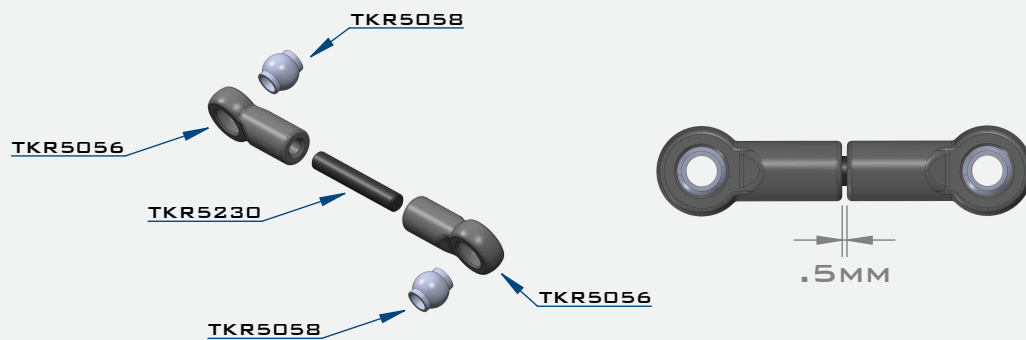


Note: Install MOD1 pinion (TKR4171-4190) or Tekno RC Traktion Drive / Elektri-Clutch slipper system (TKR4301X) at this step. Adjust gear mesh and tighten screws (TKR1445) well.
*Use thread lock.

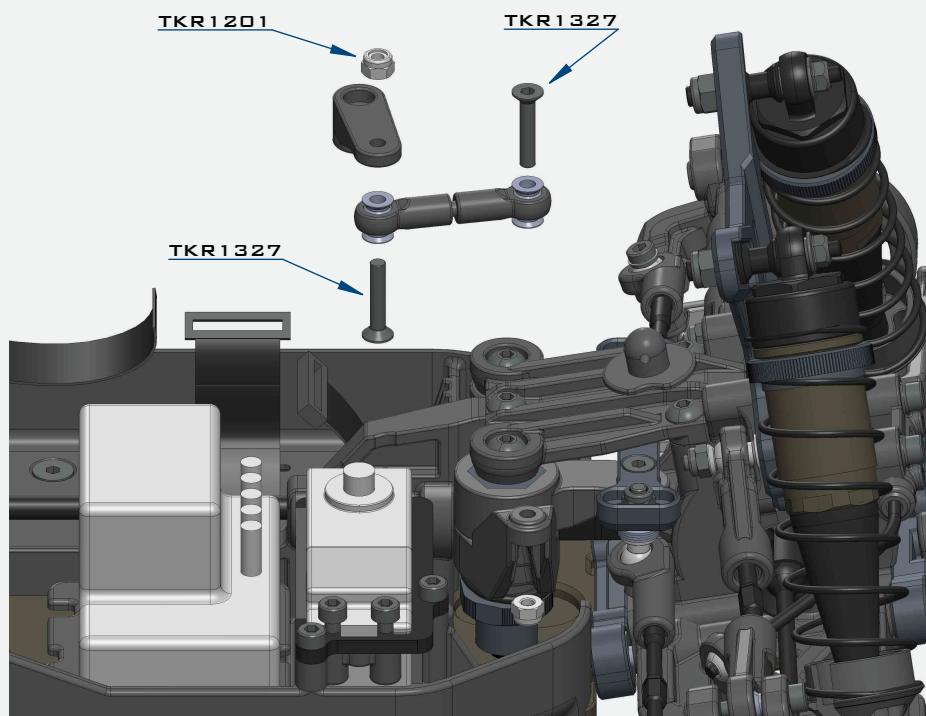
BAG P

FINAL ASSEMBLY


STEP P-6

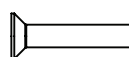



STEP P-7

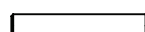


STEP P-8

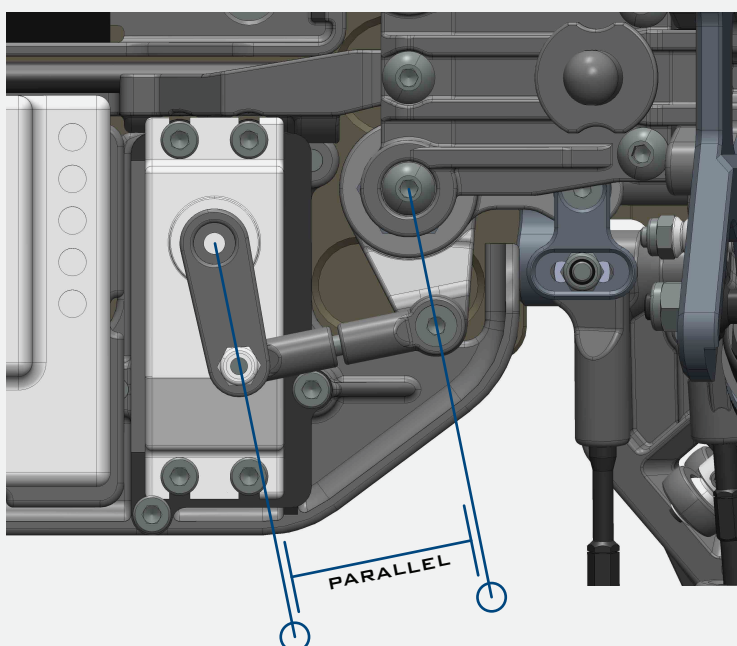
 x1
TKR1201
M3 LOCK NUT BLACK

 x2
TKR1327
M3X16MM FLAT HEAD SCREW

 x2
TKR5058
PIVOT BALL M3X5.8MM
NO FLANGE

 x1

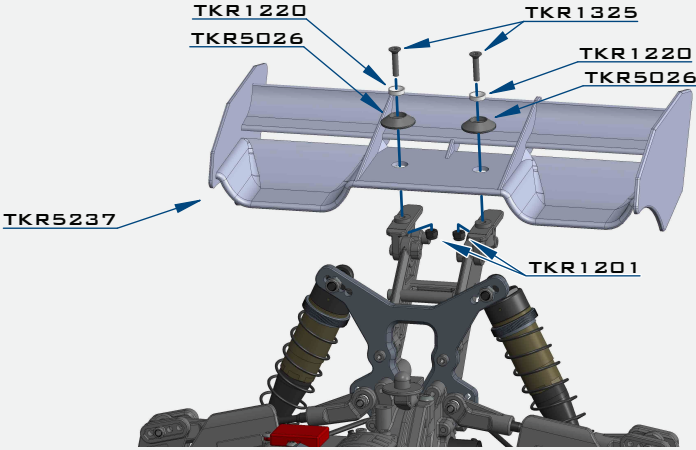
TKR5230
M3X18 THREADED ROD



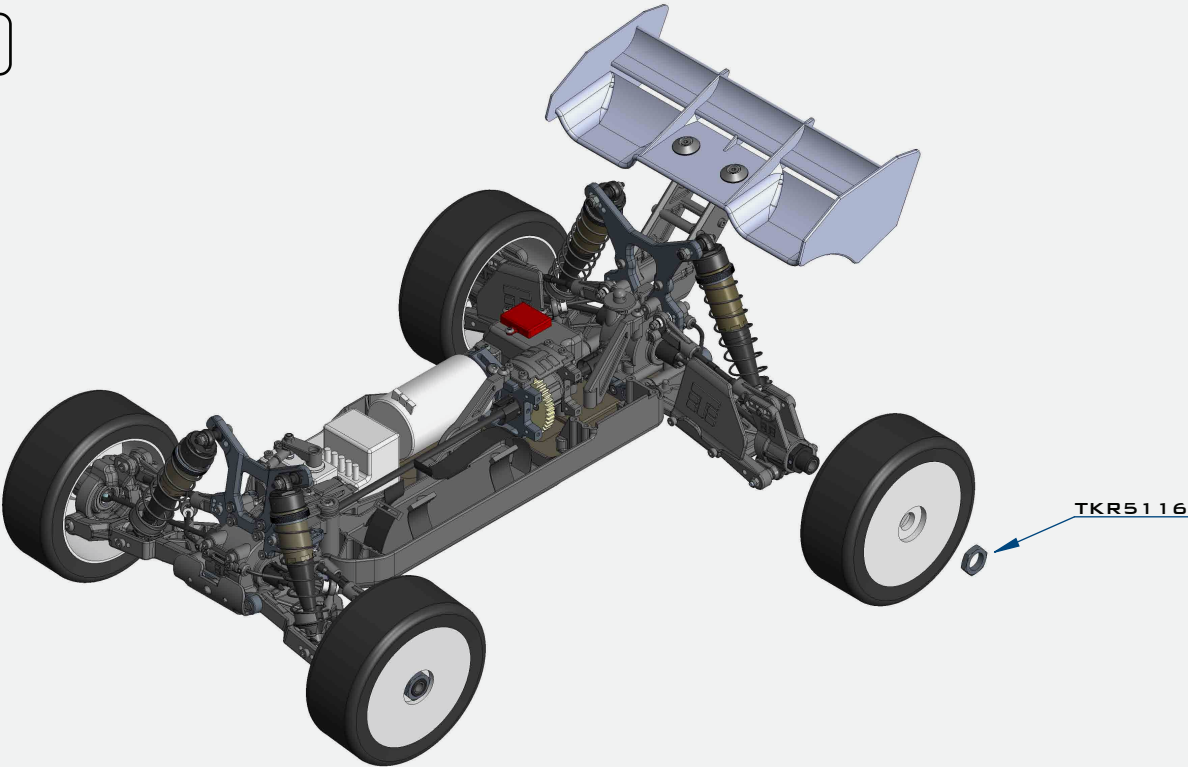
Note: Offset servo arm so it is parallel with the connecting arm at neutral or zero servo position.

BAG Q
WING/WHEELS/BODY

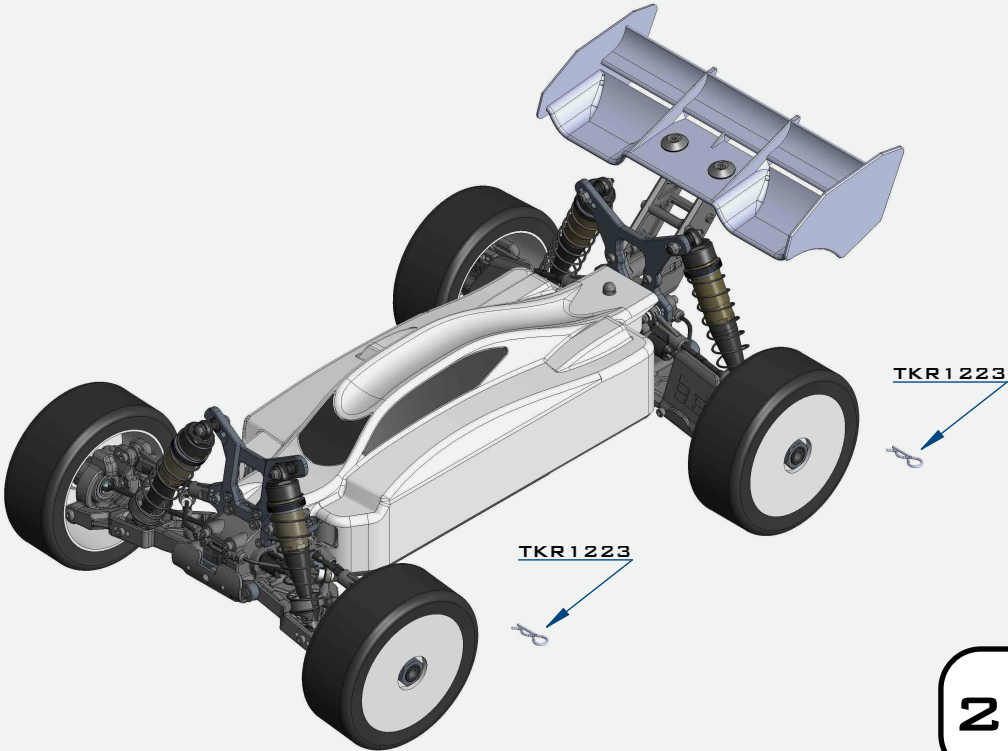
STEP
Q-1



STEP
Q-2

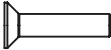


STEP
Q-3



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

BUMPSTEER/ACKERMANN/SERVO SAVER	SHOCKS
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	Front	Rear
Piston		
Oil		
Bladder		
Spring		
Length/ Droop		

TIRES

Notes:

DRIVETRAIN	
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NOTES:



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