

### INTRODUCTION





Thank you for purchasing the Tekno RC ET48.3 1/8th Scale Electric Competition Truggy Kit. The ET48.3 represents a continued evolution in the 1/8th scale electric class. Since the original ET48 was released in 2014, we have continued to focus on refining and improving the vehicle to provide superior performance and value to our customers. 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 (300 oz/in torque minimum)
4-6s LiPo battery
1/8th scale truggy tires, wheels & CA glue
Paint for Body
MOD1 Pinion (TKR4171->TKR4190)

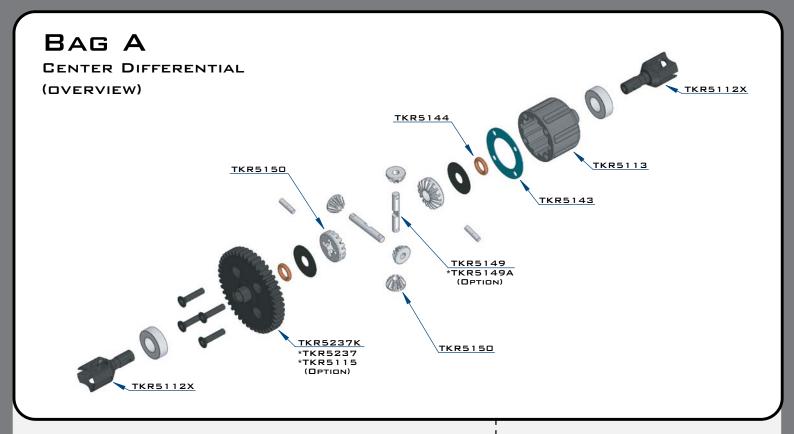
#### **Tools needed:**

Hex drivers 1.5mm (TKR1104), 2.0mm (TKR1105), 2.5mm (TKR1106)
Nut drivers 5.0mm (TKR1107, 5.5mm (TKR1108), 7.0mm (TKR1109)
17mm Wheel Wrench (TKR1116)
Pivot Ball and Shock Multi-tool (TKR1115, for shock assembly)
4mm and 5mm turnbuckle wrench (TKR1103)
Hobby knife
Needle-nose pliers
4mm arm reamer
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.

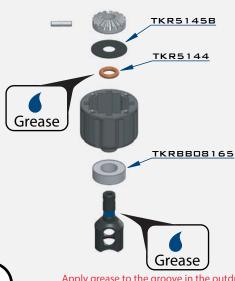
**Warnings:** Always double-check that your radio gear is working properly before operating vehicle. Never operate the vehicle indoors (unless the RC track is an indoor facility). Use caution while operating vehicle so as not to collide with people who may be turn marshalling or who might otherwise not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





Apply grease to the groove where the o-ring is placed as well as the o-ring itself



Apply grease to the groove in the outdrive



TKR1325 M3x14mm FLAT HEAD SCREW



хZ

DIFFERENTIAL O-RINGS



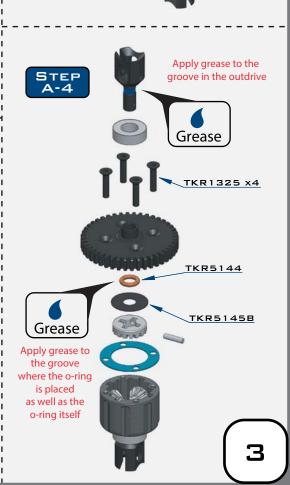
TKR5145B DIFFERENTIAL SHIMS (6x17MM)



TKRBB08165 BALL BEARING(8x16x5mm)



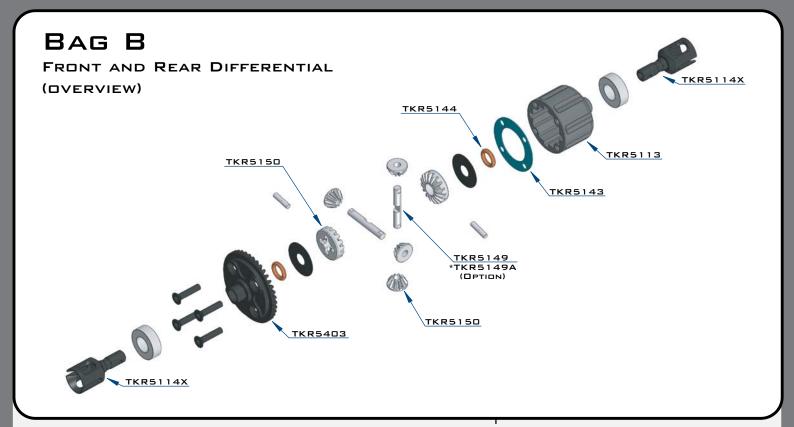
DO NOT OVER FILL



TKR5150

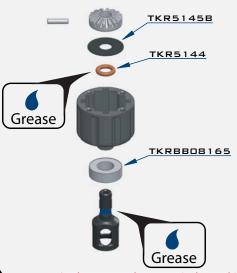
STEP A-2

TKR5149 \*TKR5149A (OPTION)





Apply grease to the groove where the o-ring is placed as well as the o-ring itself





Apply grease to the groove in the outdrive

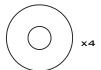


TKR1325 M3x14mm FLAT HEAD SCREW



x4

DIFFERENTIAL O-RINGS



TKR5145B DIFFERENTIAL SHIMS (6x17MM)



TKRBB08165 BALL BEARING (8x16x5mm)



to 1mm below full

DO NOT OVER FILL

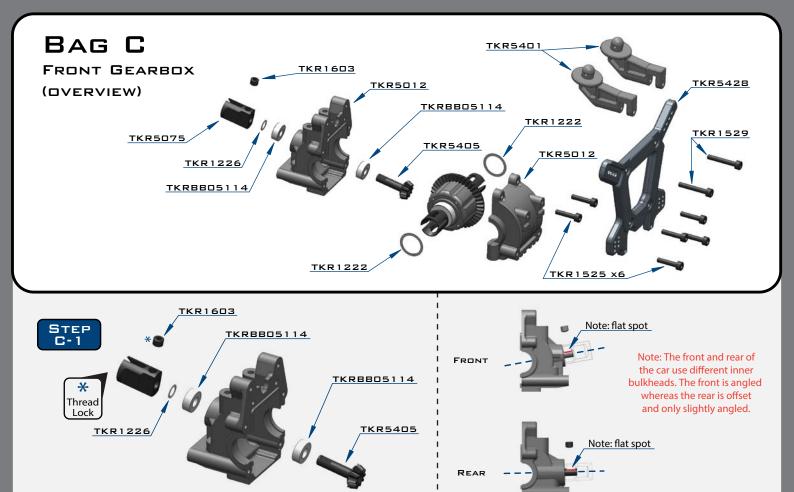


rkR5150

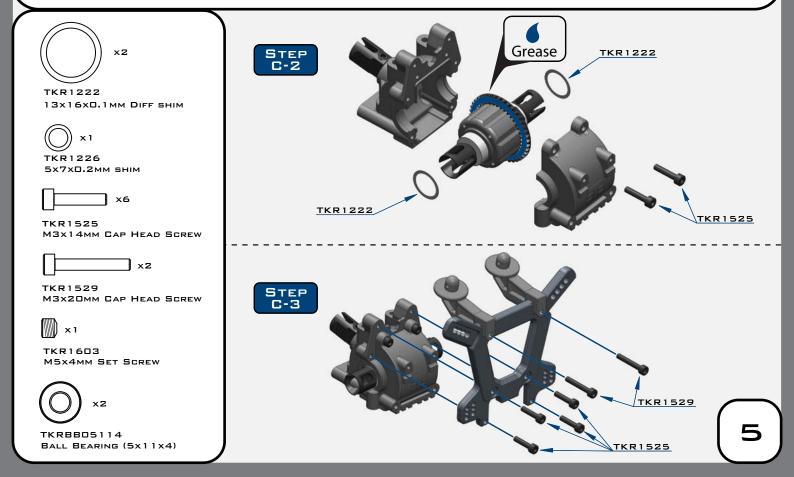
STEP B-2

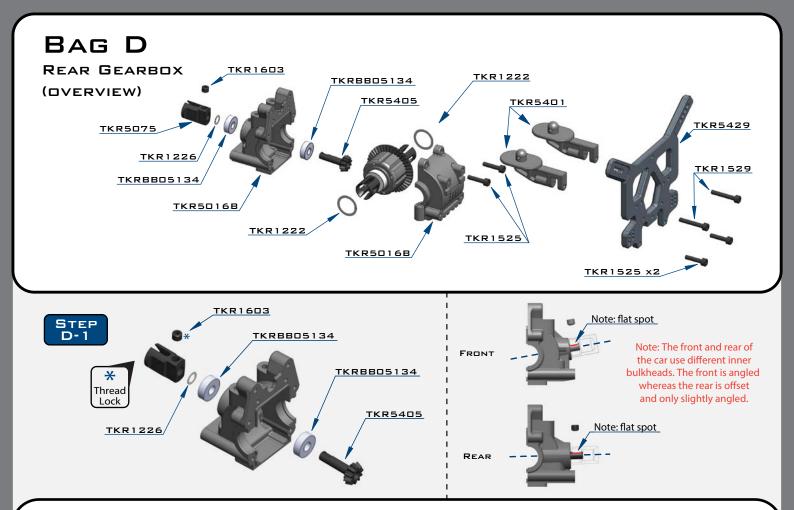
Repeat for rear diff

TKR5149 \*TKR5149A (OPTION)

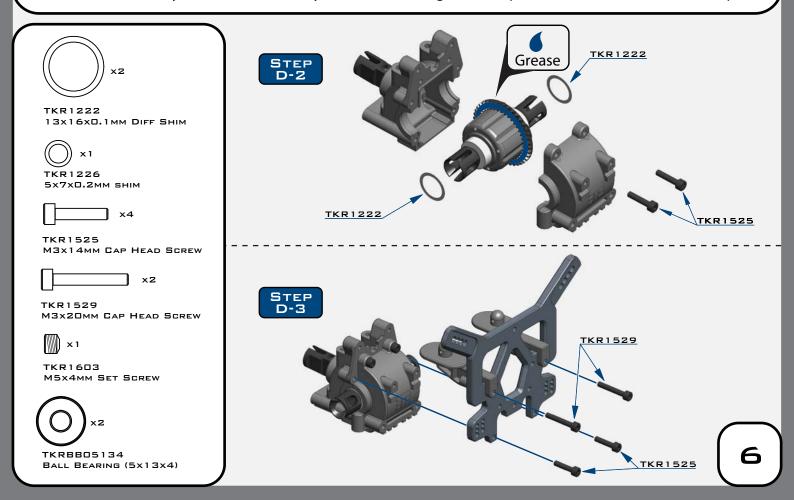


Note: TKR1222 - The gear mesh should be as close as possible without any binding. Test the fitment of the diff with both TKR1222 shims on the gear-side of the diff. If the diff turns freely without binding, continue to next step. If the diff binds and does not turn freely (it will make a grinding or 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.



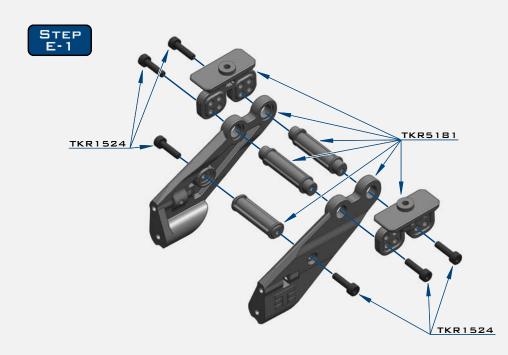


Note: TKR1222 - The gear mesh should be as close as possible without any binding. Test the fitment of the diff with both TKR1222 shims on the gear-side of the diff. If the diff turns freely without binding, continue to next step. If the diff binds and does not turn freely (it will make a grinding or 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.

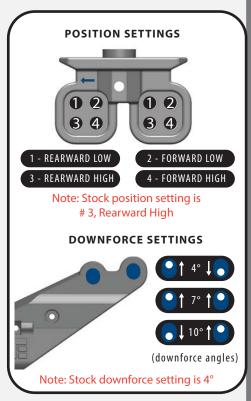


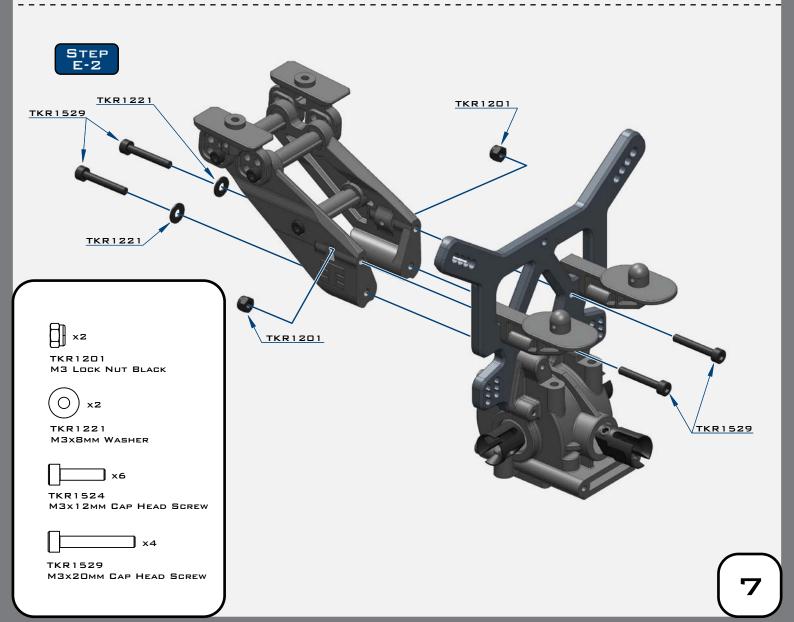
## BAG E

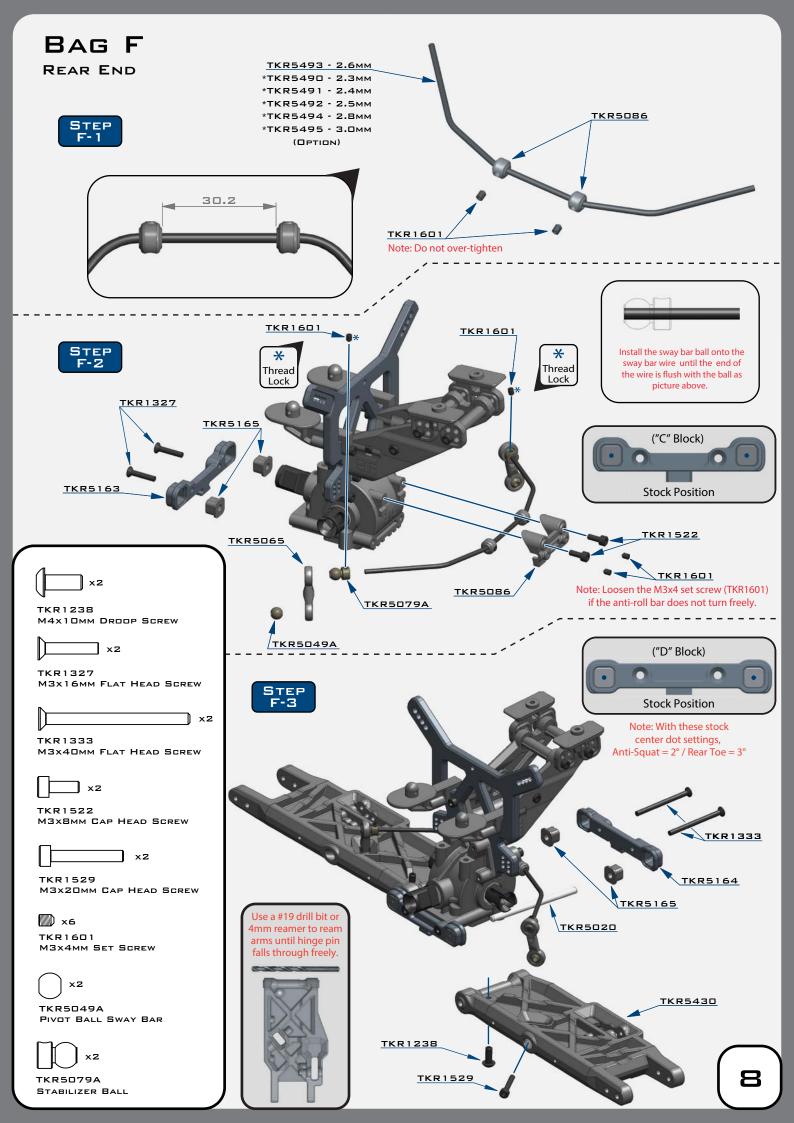
LOW PROFILE WING MOUNT

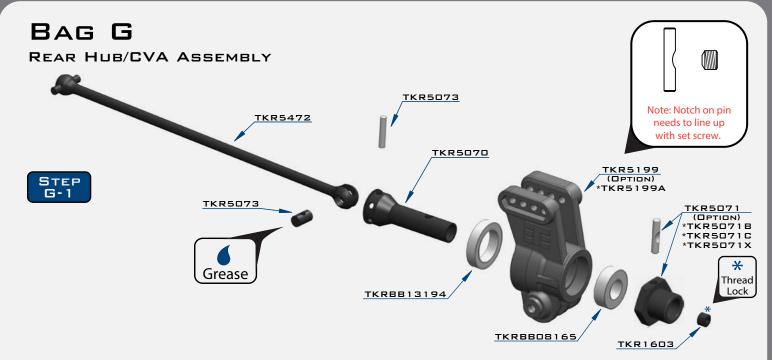


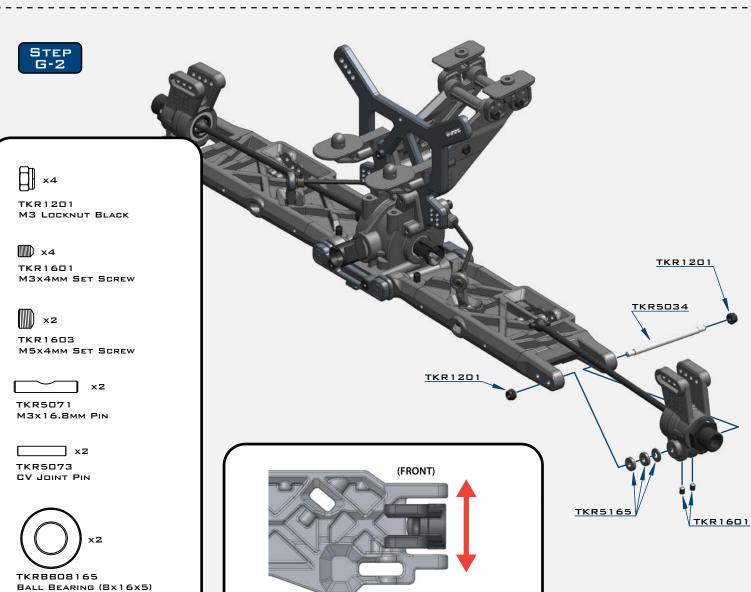
#### SETTINGS











(REAR)

Changes to the wheelbase have a dramatic effect on handling, since it shifts the disribution of weight over the rear wheels.

This adjusts traction. By shortening the wheelbase at the rear, you are placing more weight over the rear wheels.

Changes to the wheelbase also change the amount of sweep the rear driveshaft will have. More driveshaft sweep creates an effect

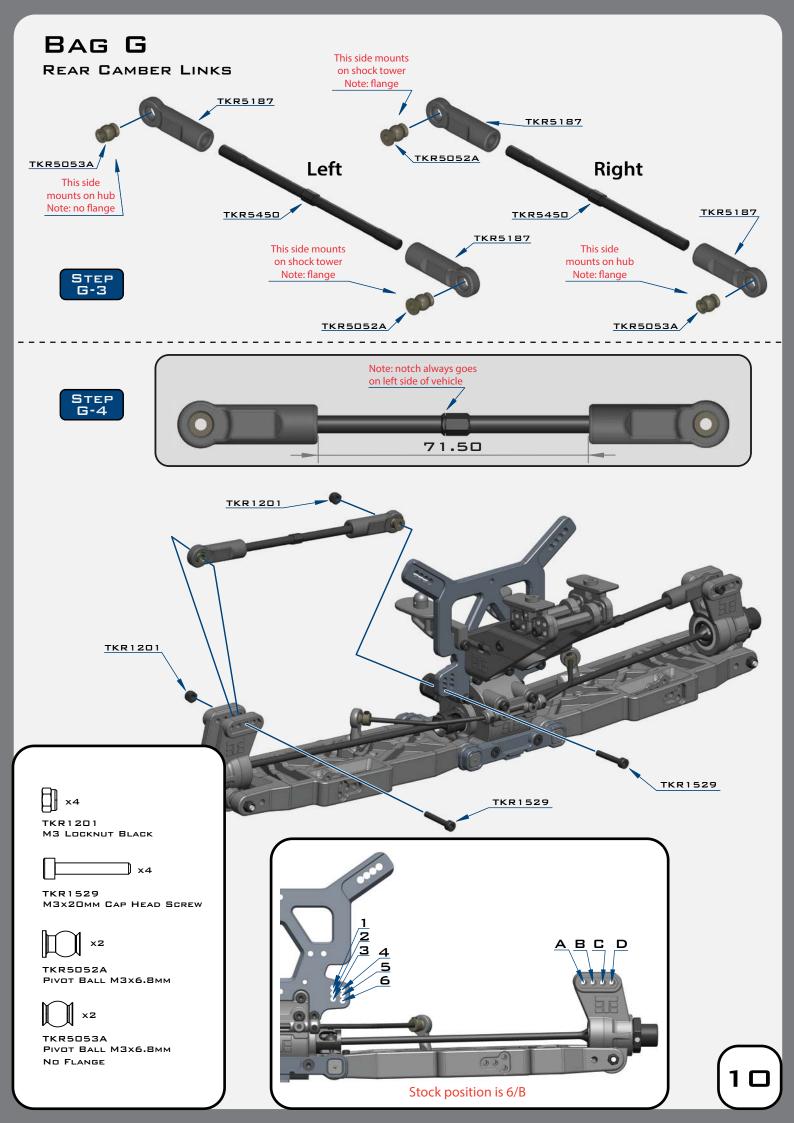
similar to anti-squat, where the rear end gets pushed upwards on

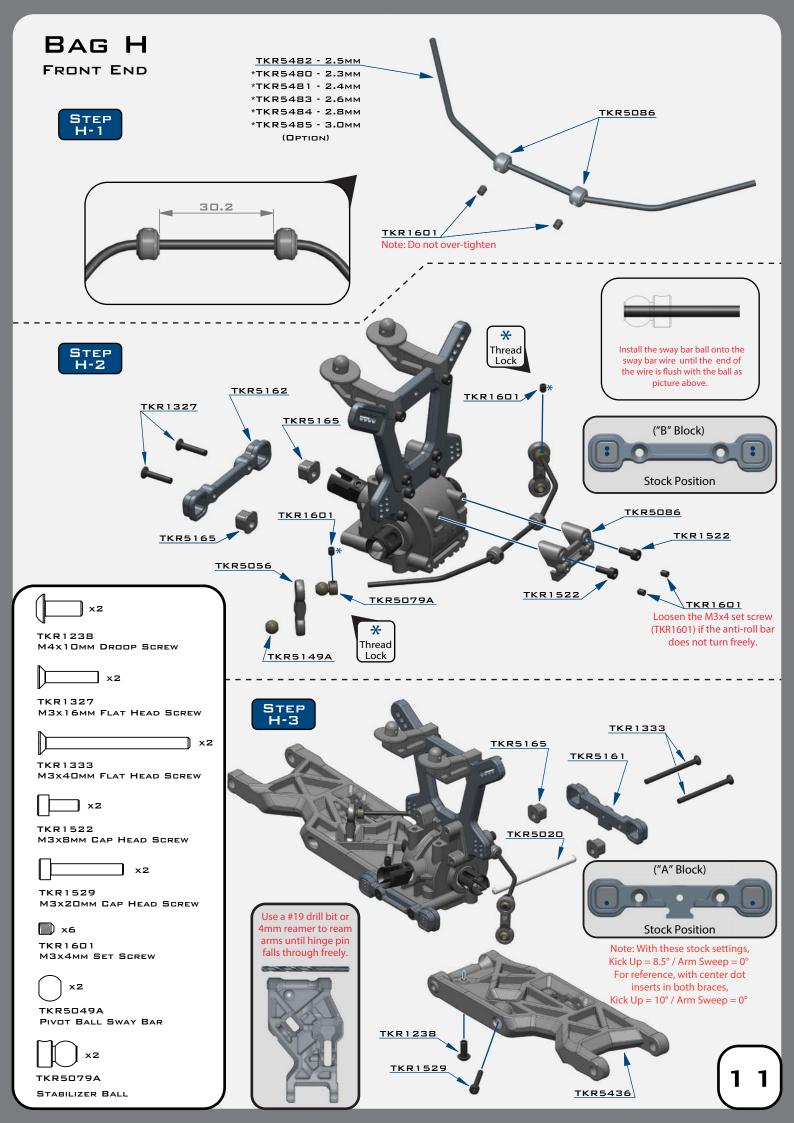
throttle. This helps reduce chassis slap when landing jumps on throttle.

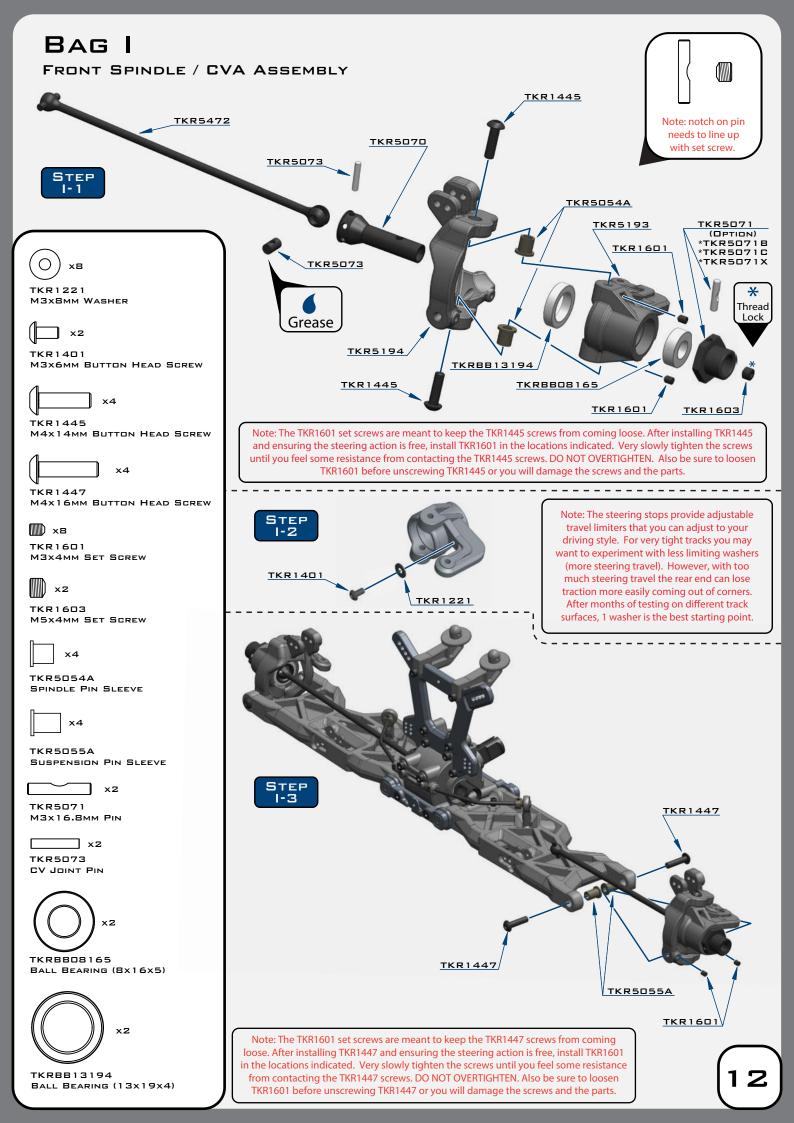
TKRBB13194

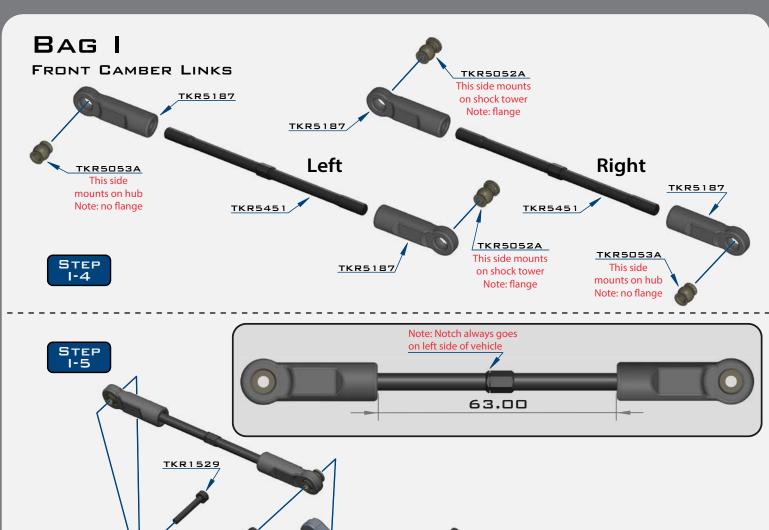
BALL BEARING (13x19x4)

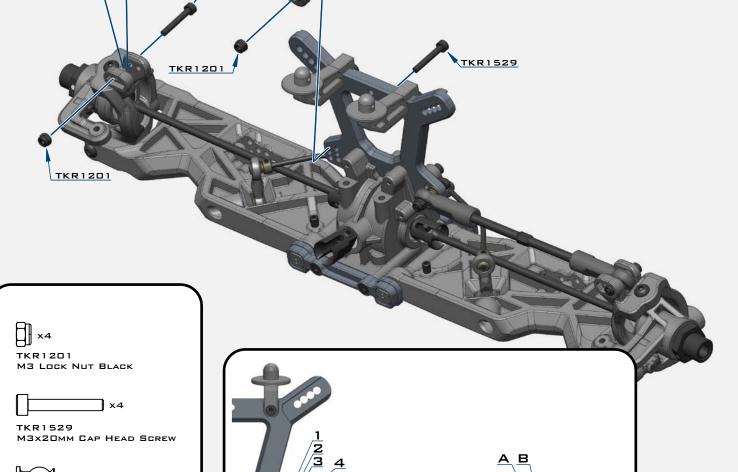
9

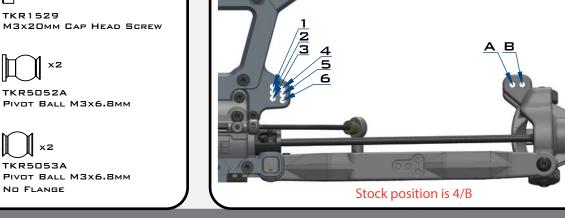


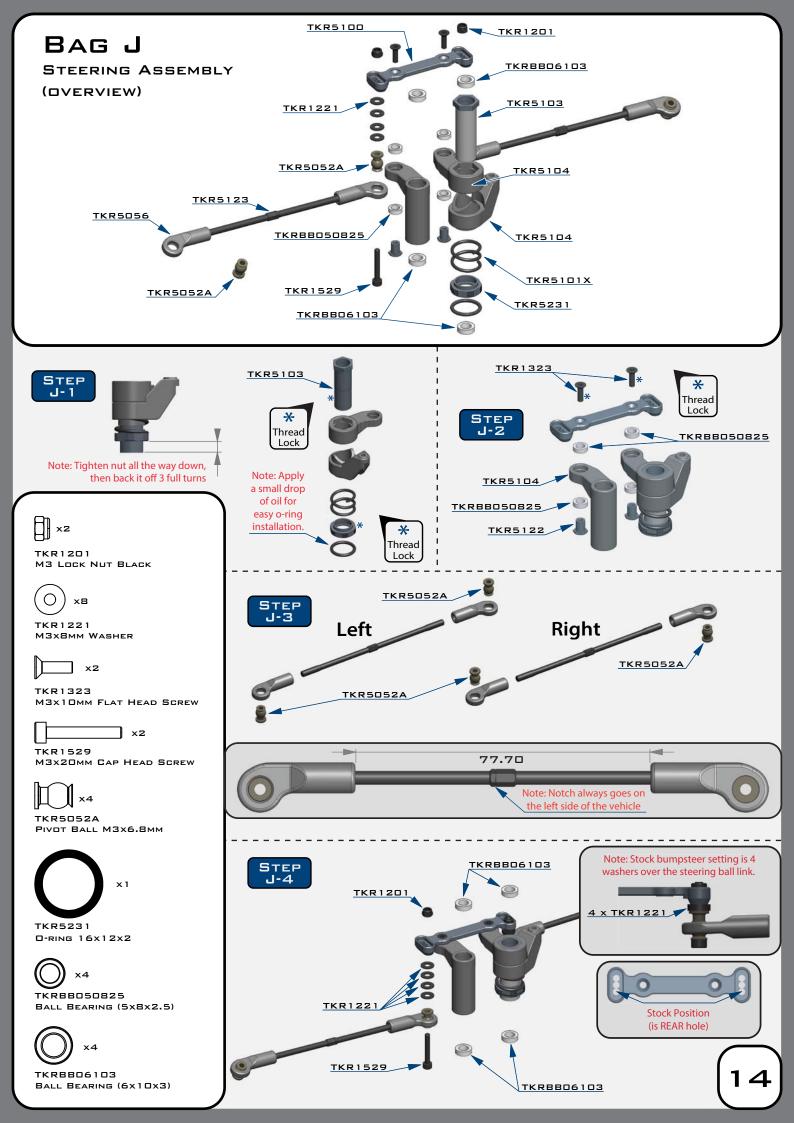


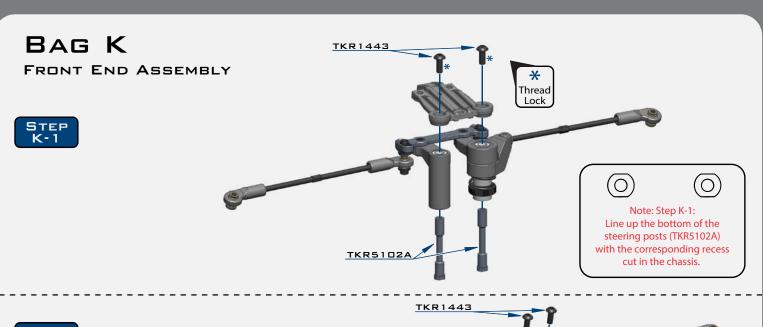


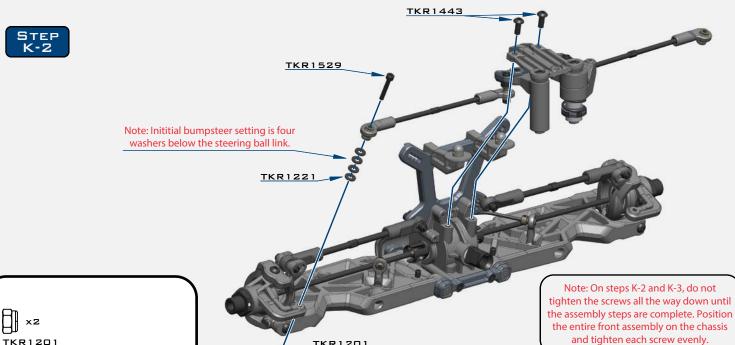














хZ TKR1343 M4x10mm FLAT HEAD SCREW

x6

TKR1201

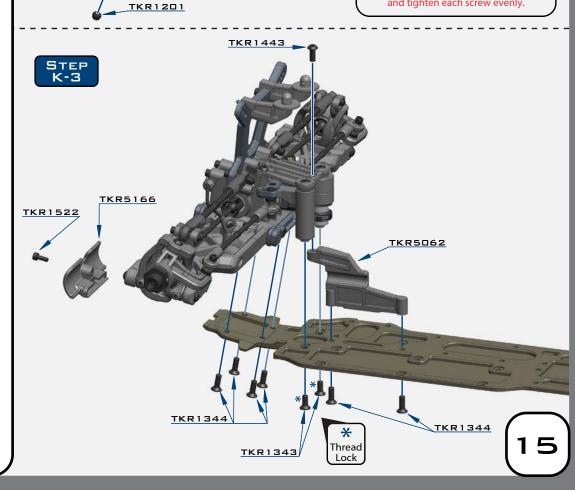
TKR1344 M4x12MM FLAT HEAD SCREW



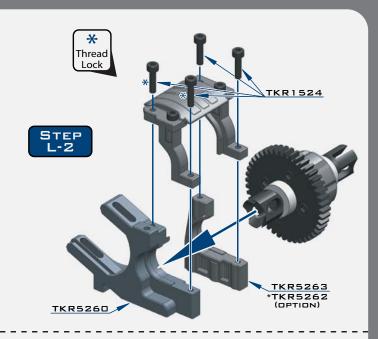
TKR1443 M4x10MM BUTTON HEAD SCREW

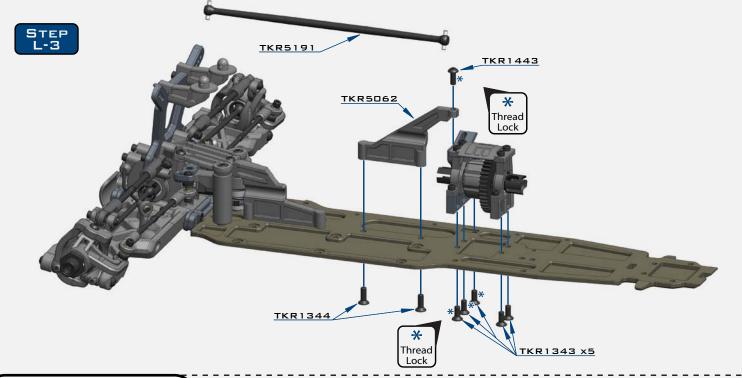


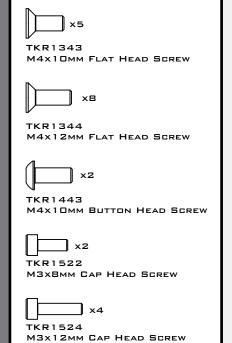
TKR1529 M3x20mm Cap Head Screw

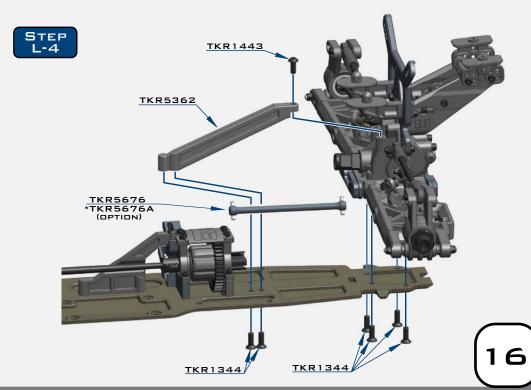












### SHOCK FILLING INSTRUCTIONS

FOR BOTH FRONT AND REAR SHOCKS

The following steps and information will provide you with the best way to fill and bleed your 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.

# **Standard or Vented Cap Build:**

**Step 1:** Extend the shock shaft all the way down. Fill the shock with oil until the it is about 90% full.

**Step 2:** Slowly pump the shock shaft up and down 3-5 times to release air bubbles 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:** Next you will top off the shock with oil, to about 1-2mm below the top edge. (If you do overfill the shock, it won't hurt performance, it will just spill out and make a little bit of a mess. If you underfill the shock, it will cause air to be trapped inside.)

**Step 5:** Place the bladder *INSIDE* the shock cap and put a few drops of oil on the bladder.

**Step 6:** Put a paper towel down below the build to catch drips and have another ready to wipe off excess oil. Place the cap on the shock and screw down about half way. Lay the shock over about 45 degrees with the bleeder hole facing up.

**Step 6A: (Standard non-vented "Stock")** Push the shaft in for the amount of rebound desired.

**Step 6B: (Vented)** Push the shaft in until about 15mm of shaft is showing.

- Make sure that you match the rebound amount between the left and right shocks.
- Oil should be oozing out of the bleeder hole.

**Step 7:** Hold the cap firmly in place with the bleeder hole facing up and turn the shock body until hand tight. The shock will continue to ooze oil.

**Step 8:** Fully tighten down each shock with shock tools until cap is secure and wipe excess oil away.

#### **Emulsion Build:**

Prep your shock caps TKR6018 (optional for ET48) accordingly by drilling out the large angled bleeder hole in the top of the cap. Place the larger thin o-ring around the base of the threads where the shock cap screws on (see diagram on the next page). This seal is crucial to the build.

#### Follow steps 1-4 above.

**Step 5:** Rebound is more of a natural side effect of an emulsion shock. It's not something that can be set accurately because you run the risk of hydrolocking the shock if you do not push the shaft all the way in when you bleed it. For now leave the shaft fully extended.

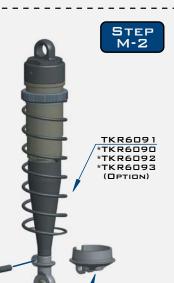
**Step 6:** Fill the shock up, over filling just slightly without spilling to create a small dome of oil.

**Step 7:** Place a little bit of oil in the shock cap and quickly put the shock cap on the shock body. Tighten the cap all the way down. Very slowly push the shaft in. Oil will start to bleed out of the top of the cap. While wiping away excess oil, continue to slowly push the shaft in *ALL THE WAY*. If no oil comes out when the shaft is fully inserted, you will need to start over at step 6.

**Step 8:** Install the TKR1341 M4x6mm flat head screw and TKR5125 black o-ring to seal the cap (see diagram). Tighten until o-ring is fully seated.



BAG M



TKR6140



\_\_\_\_\_×2

TKR1605

TKR 1202 M4 Lock Nut Black

X2 TKR1211 M3 Lock Nut Flange Black

\_\_\_\_\_ ×2

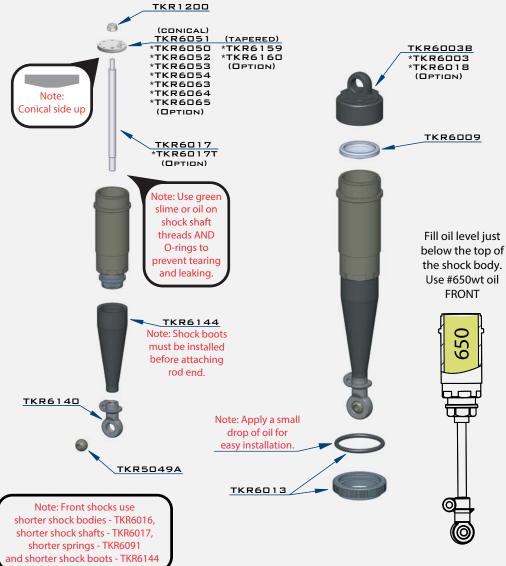
TKR1529 M3x20mm Cap Head Screw

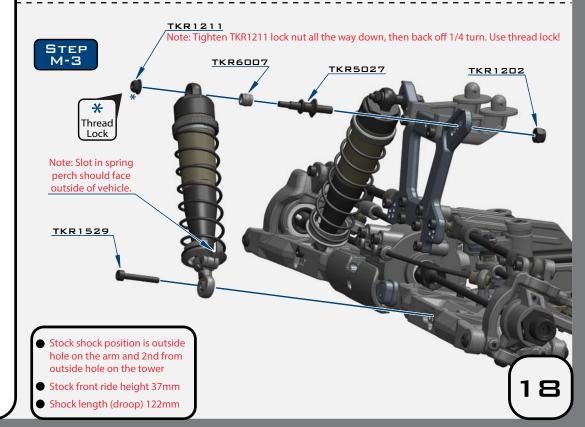
×2

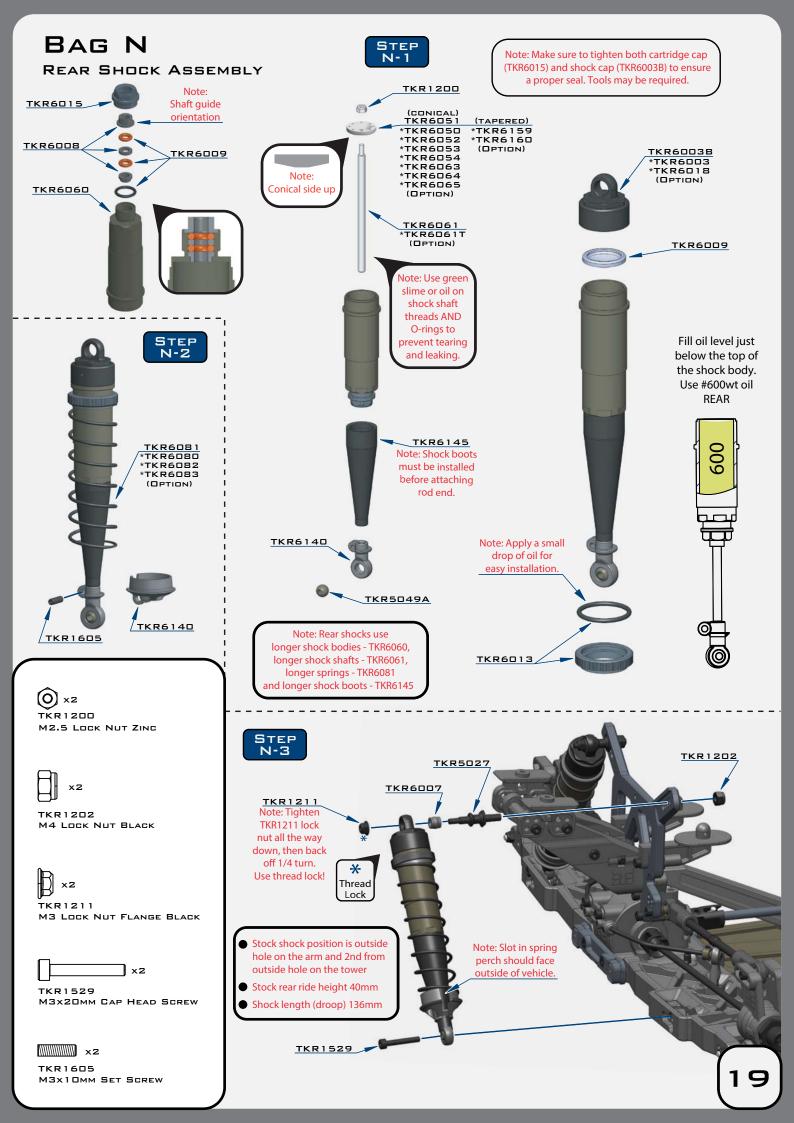
TKR1605 M3x10mm Set Screw

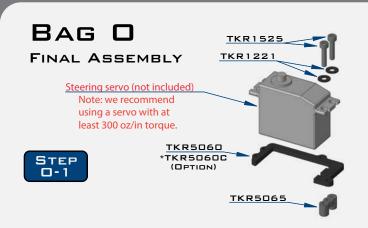


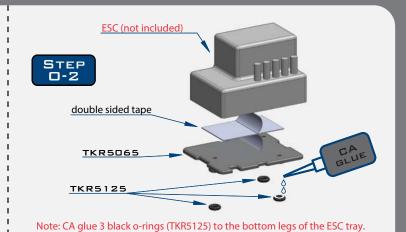
Note: Make sure to tighten both cartridge cap (TKR6015) and shock cap (TKR6003B) to ensure a proper seal. Tools may be required.



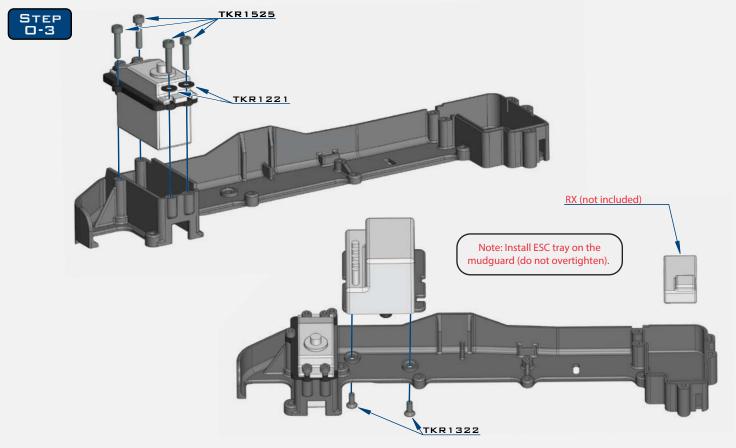


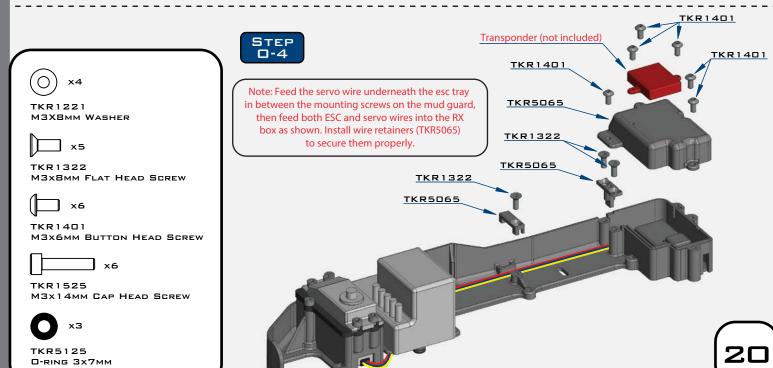


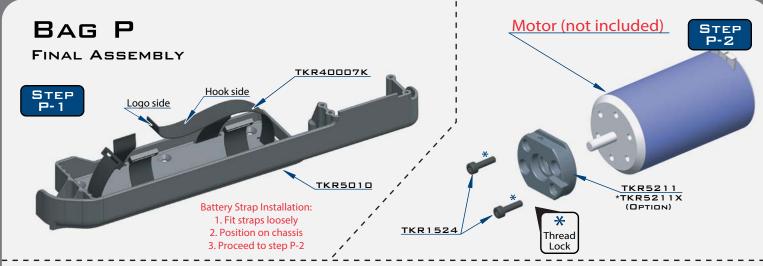




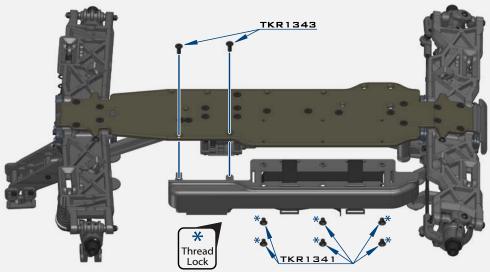
------TKR1525















TKR1228 M4 COUNTERSUNK WASHER

хь Д

TKR1322 M3x8mm FLAT HEAD SCREW



TKR1341 M4x6MM FLAT HEAD SCREW



Х5

TKR1343 M4x10mm FLAT HEAD SCREW

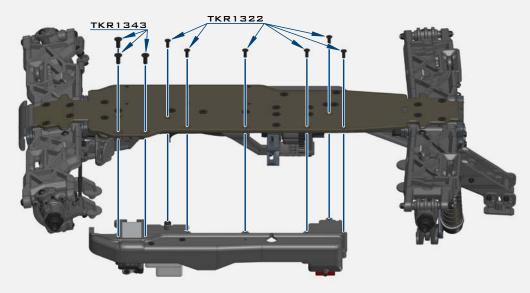


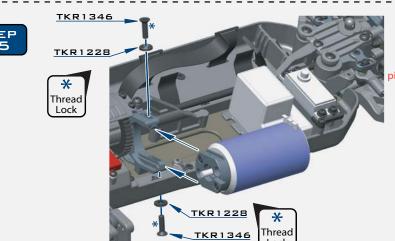
TKR1346 M4x15MM FLAT HEAD SCREW



хZ

TKR1524 M3x12MM CAP HEAD SCREW





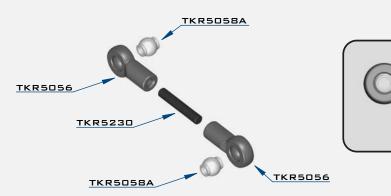
Lock

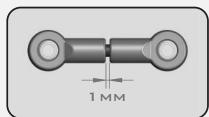
Note: Install MOD1 oinion (TKR4171-4190) at this step. Adjust gear mesh and tighten screws (TKR1346) well. \*Use thread lock.

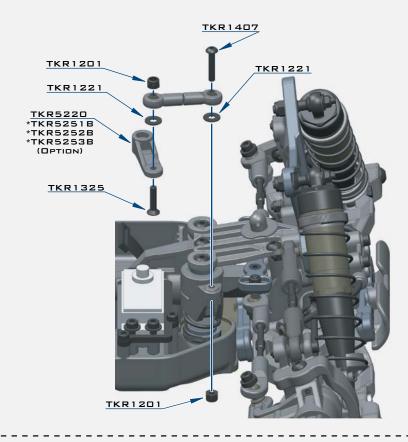
## BAG P

FINAL ASSEMBLY











TKR1201 M3 LOCK NUT BLACK



хZ

TKR1221 M3x8mm Washer



\_\_\_ x1



M3x14mm FLAT HEAD SCREW





M3x16MM BUTTON HEAD SCREW



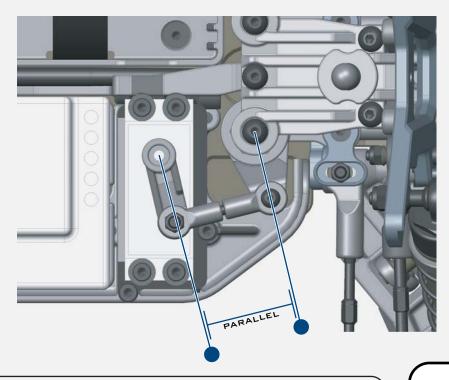
хZ

TKR5058A PIVOT BALL M3x5.8MM No Flange

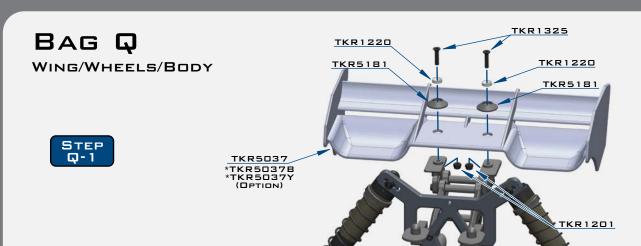


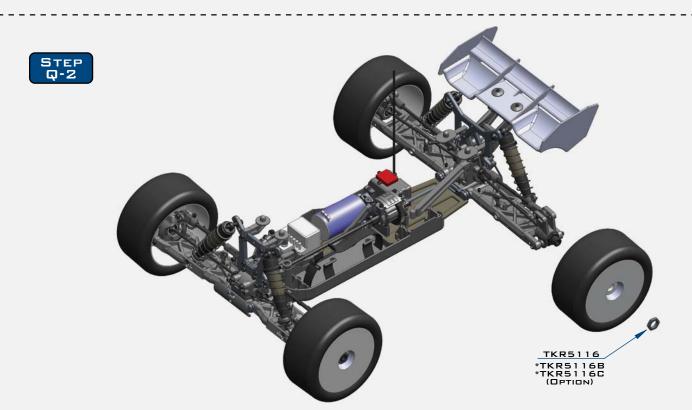
TKR5230 M3x18 THREADED ROD





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









TKR1201 M3 LOCK NUT BLACK



TKR1220 M4 COUNTERSUNK WASHER

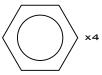


\_\_\_\_ x2

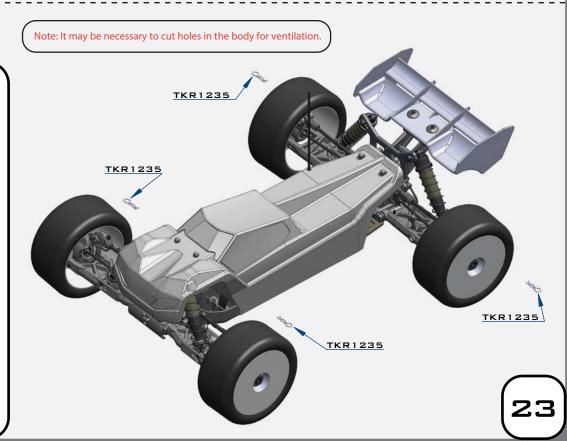
TKR1325 M3x14MM FLAT HEAD SCREW



TKR1235



TKR5116



#### TKR5602 - ET48.3 1/8th Competition Electric Truggy Kit

Bearings List TKR40007K – Battery Straps (EB48, black, 4 cell, 3pcs) TKR5010 – Battery Tray, Mud Guard (EB48, left side) TKR5011 – Radio Tray, Mud Guard (EB48, right side) TKRBB050825 – Ball Bearing (5x8x2.5mm, 4pcs) TKRBB05114 - Ball Bearing (5x11x4, 4pcs) TKRBB05134 – Ball Bearing (5x13x4, 4pcs) TKRBB06103 – Ball Bearing (6x10x3, 4pcs) TKR5012 – Gearbox (front) TKR5016B – Gearbox (rear, angled) TKR5020 – Hinge Pins (inner, front/rear) TKR5027 – Shock Standoffs (2pcs) TKRBB08165 – Ball Bearing (8x16x5, 4pcs) TKRBB13194 - Ball Bearing (13x19x4, 4pcs) TKR5034 – Hinge Pins (outer, rear) **Hardware List** TKR5037 – Wing (white)
TKR5049A – Pivot Balls (6.8mm, no flng, sway bar, shck ends, almnm, 4pcs)
TKR5052A – Pivot Balls (6.8mm, inside camber, steering links, aluminum, 4pcs) TKR1200 - M2.5 Locknuts (zinc finish, 10pcs) TKR1201 – M3 Locknuts (black, 10pcs) TKR1202 - M4 Locknuts (black, 10pcs) TKR5053A – Pivot Balls (6.8mm, flanged, outside camber, aluminum, 4pcs) TKR1211 – M3 Locknuts (flanged, black, 10pcs) TKR5054A – Spindle Bushings (4pcs, aluminum, hard ano) TKR5055A – Arm Bushings (4pcs, aluminum, hard ano) TKR5056 – Rod Ends (5.8mm, brake/steering/sway bar linkage, 8pcs) TKR1220 – M3 Countersunk Washers (aluminum, natural, 10pcs) TKR1221 – M3x8mm Washer (black, 10pcs) TKR1222 – 13x16x.1mm Diff Shims (10pcs) TKR5058A – Pivot Balls (5.8mm, no flange, brake/steering link, aluminum, 4pcs) TKR1226 - 5x7x.2mm shims (10pcs) TKR5060 – Steering Servo Brace (aluminum, gun metal ano) TKR5062 – Chassis Brace Set (front/rear/center) TKR5065 – ESC Tray and Radio/Battery Tray Accessories TKR1228 - M4 Countersunk Washer (black, 10pcs) TKR1235 – Body Clips (10pcs) TKR1238 - Droop Adjustment Screws (M4x10mm, 8pcs) TKR1322 – M3x8mm Flat Head Screws (black, 10pcs) TKR5070 – Stub Axles (hardened steel, 2pcs) TKR5071 – Wheel Hubs (17mm, aluminum, w/pins, 2pcs) TKR5073 – CV Rebuild kit (f/r, for 2 axles) TKR5075 – Diff Coupler (f/r, hardened steel) TKR1323 – M3x10mm Flat Head Screws (black, 10pcs) TKR1325 - M3x14mm Flat Head Screws (black, 10pcs) TKR1327 - M3x16mm Flat Head Screws (black, 10pcs) TKR5079A – Stabilizer Balls (6.8mm, sway bars, aluminum, 4pcs) TKR1333 - M3x40mm Flat Head Screws (black, 10pcs) TKR5086 – Sway Bar Mounts TKR1341 - M4x6mm Flat Head Screws (black, 10pcs) TKR5100 – Ackerman Plate (aluminum, gun metal ano) TKR101X - Servo Saver Spring (HD, EB48, SCT410, NB48) TKR1343 - M4x10mm Flat Head Screws (black, 10pcs) TKR1344 - M4x12mm Flat Head Screws (black, 10pcs) TKR1346 - M4x15mm Flat Head Screws (black, 10pcs) TKR5102A – Steering Posts (aluminum) TKR5103 - Servo Saver Post (aluminum, gun metal ano) TKR1401 - M3x6mm Button Head Screws (black, 10pcs) TKR5104 – Steering Bell Cranks TKR1402 - M3x8mm Button Head Screws (black, 10pcs) TKR1407 - M3x16mm Button Head Screws (black, 10pcs) TKR5107 – Steering Top Plate, Center Diff Top Plate, Center Diff Rear Support TKR5116 - Wheel Nuts (17mm, serrated, gun metal ano, M12x1.0, 4pcs) TKR1443 - M4x10mm Button Head Screws (black, 10pcs) TKR5122 – Steering Rack Bushings (aluminum, gun metal ano, 2pcs) TKR5125 – O-Ring (ESC tray, 3pcs) TKR5126 – Antenna tube (universal, w/ caps, 5pcs) TKR1445 - M4x14mm Button Head Screws (black, 10pcs) TKR1447 - M4x16mm Button Head Screws (black, 10pcs) TKR1522 - M3x8mm Cap Head Screws (black, 10pcs)
TKR1523 - M3x10mm Cap Head Screws (black, 10pcs) TKR5161 - V2 Adj. Hinge Pin Brace ("A" block, 7075, EB/NB/ET/NT/SCT) TKR5162 - V2 Adj. Hinge Pin Brace ("B" block, 7075, EB/NB/ET/NT/SCT) TKR5163 - V2 Adj. Hinge Pin Brace ("C" block, 7075, EB/NB/ET/NT/SCT) TKR5164 - V2 Adj. Hinge Pin Brace ("D" block, 7075, EB/NB/ET/NT/SCT) 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) TKR5165 - V2 Hinge Pin Inserts, Wheelbase Shims (EB/NB/ET/NT/SCT) TKR5166 - Front Bumper (revised, EB/NB/ET/NT48)
TKR5181 - Low Profile Wing Mount and Body Mounts (EB/NB48/EB48SL)
TKR5187 - Rod Ends (straight, 6.8mm, EB/NB/ET/NT48, 8pcs) TKR1603 - M5x4mm Set Screws (black, 10pcs) TKR1605 - M3x10mm Set Screws (black, 10pcs) TKR5191 - Tapered Driveshaft (EB48, ET48, center, front, 7075 aluminum, black ano) **Option Parts** TKR5193 - Spindles (trailing, L/R, requires TKR5194, EB/NB/ET/NT48, EB/NB.3) TKR5194 - Spindle Carriers (trailing, 15 degree, L/R, EB/NB/ET/NT48, EB/NB.3) TKR5199 - Rear Hubs (L/R, CV or uni, EB/NB/ET/NT48, EB/NB.3) ·TKR1103 - Turnbuckle Wrench (4mm, 5mm, hardened steel) TKR1116 - 17mm Wheel Wrench, Shock Cap Tool TKR1119 - 5.5mm / 7.0mm Wrench (hardened steel) TKR5211 – Motor Mount Insert (aluminum, gun metal ano) TKR1115 - Pivot Ball and Shock Multi-tool (aluminum) TKR5220 – Servo Horns (steering, brakes) TKR5230 – Steering linkage (M3x18mm threaded rod, 10pcs) TKR5231 – Servo Saver Nut and Spring TKR5037B – Wing (black) TKR5037Y - Wing (yellow) TKR5060C – Steering Servo Brace (carbon fiber)
TKR5070A – Stub Axles (Aluminum, 2pcs) TKR5260 - CNC Split Cntr Diff Mount (mtr mnt only, 7075, gun metal ano, EB/ET/SCT) TKR5263 - Split Cntr Diff Mount (composite, requires TKR5260, EB/ET/SCT/SL) TKR5401 - Body Mount Set (ET48, NT48) TKR5423 – Turnbuckle (steering links, 2pcs, ET48, NT48) TKR5071B – Wheel Hubs (17mm, alum, ltnd, gun metal ano, 1mm off, w/pins, 2pcs) TKR5071C – Wheel Hubs (17mm, alum, Itnd, gun metal ano, 2mm off, w/pins, 2pcs) TKR5071X – Wheel Hubs (17mm, aluminum, lightened, gun metal ano, w/pins, 2pcs) TKR5428 – Shock Tower (front, 7075, gun metal, ET48, NT48) TKR5115 – Spur Gear (44t, hardened steel, lightened) TKR5429 – Shock Tower (rear, 7075, gun metal, ET48, NT48) TKR5430 – Suspension Arms (rear, 2pcs, ET48, NT48) TKR5436 – Suspension Arms (front, 2pcs, ET48, NT48) TKR5147 - Complete Center Differential TKR5149A - Diff Cross Pins (aluminum, 6pcs, requires TKR5150) TKR5199A - Aluminum Rear Hubs (gun metal ano, EB/NB/ET/NT, 2pcs) TKR5211X – Motor Mount Insert (aluminum, lightened, gun metal ano) TKR5450 – Turnbuckle (camber link, rear, 2pcs, ET48, NT48) TKR5451 – Turnbuckle (camber link, front, 2pcs, ET48, NT48) TKR5472 – Driveshafts (f/r, hardened steel, 2pcs, ET48, NT48) TKR5482 – Sway Bar (front, 2.5mm, ET48, NT48) TKR5237 – Spur Gear (44t, composite, natural color) TKR5251B – Aluminum Servo Horn (23t spline, M3 clamp, double hole) TKR5252B – Aluminum Servo Horn (24t spline, M3 clamp, double hole) TKR5253B – Aluminum Servo Horn (25t spline, M3 clamp, double hole) TKR5493 – Sway Bar (rear, 2.6mm) TKR5601 - Chassis (7075, hard anodized) TKR5617 - Decal Sheet (ET48.3) TKR5261 - CNC Split Cntr Diff Mnt (complete, 7075, gun metal ano, EB/ET/SCT) TKR5262 - CNC Split Cntr Diff Mount (diff mounts only, 7075, gun metal ano, EB/ET/SCT) TKR5433 – Rear Arm Mud Guards (ET48, NT48) TKR5645 - Body (ET48, w/ window mask) TKR5676 – Driveshaft (steel, center, rear) TKR5446 - Complete F/R Differential (ET48 fr/rr, NT48 front only) TKR5480 – Sway Bar (front, 2.3mm, ET48, NT48) TKR5481 – Sway Bar (front, 2.4mm, ET48, NT48) TKR5483 – Sway Bar (front, 2.6mm, ET48, NT48) **Differential List** TKR5112X – Differential Outdrives (center, lightened) TKR5113 – Differential Case (f/c/r) TKR5484 – Sway Bar (front, 2.8mm, ET48, NT48) TKR5114X – Differential Outdrives (f/r, lightened) TKR5143 – Differential Seals (3pcs) TKR5144 – Differential O-Rings (6pcs) TKR5485 - Sway Bar (front, 3.0mm, ET48, NT48) TKR5490 – Sway Bar (rear, 2.3mm) TKR5491 - Sway Bar (2.4mm, rear) TKR5492 – Sway Bar (rear, 2.5mm) TKR5145B – Differential Shims (revised, 6x17mm, 6pcs) TKR5149 – Differential Cross Pins (steel, 6pcs) TKR5494 – Sway Bar (rear, 2.8mm) TKR5150 – Differential Gear Set (internal gears only)
TKR5237K – Spur Gear (44t, black, composite) TKR5495 – Sway Bar (rear, 3.0mm) TKR5676A – Driveshaft (aluminum, center, rear) TKR5403 - Differential Ring Gear (40t, NT48 fr, ET48 fr/rr) TKR6003 – Vented Shock Caps (aluminum, black ano, 2pcs) TKR5405 - Diff Pinion (straight cut, 9t, CNC, NT48) TKR6009B – Shock O-Ring Set (16pcs) TKR6017T – Shock Shafts w/ TiNi coating (rear, steel, 2pcs)
TKR6018 – Shock Cap and Spring Adjuster Set (composite, for 2 shocks)
TKR6050 - Shock Pistons (CNC, conical, 10x1.1mm) Shocks List TKR6003B – Non-Vented Shock Caps (aluminum, black ano, 2pcs) TKR6007 - Shock Cap Bushings (4pcs, EB/NB/ET/NT/SCT)
TKR6008 - Shock Shaft Guide, Piston, and Bushing Set (for 2 shocks)
TKR6009 - Shock O-Ring and Bladder Set (for 2 shocks) TKR6052 - Shock Pistons (CNC, conical, 10x1.2mm) TKR6053 - Shock Pistons (CNC, conical, 8x1.4mm)
TKR6054 - Shock Pistons (CNC, conical, 10x1.3mm) TKR6013 – Shock Adjustment Nuts (aluminum, gun metal ano, 2pcs) TKR6061T - Shock Shafts w/ TiNi coating (rear, x-long, steel, 2pcs) TKR6015 – Shock Cartridge Caps (aluminum, gun metal ano, 2pcs)
TKR6016 – Shock Body (rear, aluminum, hard ano, 2pcs)
TKR6017 – Shock Shafts (rear, steel, 2pcs)
TKR6051 - Shock Pistons (CNC, conical, 8x1.3mm) TKR6063 – Shock Pistons (CNC, conical, 6×1.5, 10.6mm<sup>2</sup>) TKR6064 – Shock Pistons (CNC, conical, 6x1.6, 12.1mm²)
TKR6065 – Shock Piston Blanks (CNC, conical, 16 dimples, 16mm)
TKR6080 – Shock Spring Set (rear, 1.6 x 10.5T, 90mm, pink, 3.96 lb/in) TKR6060 – Shock Body (rear, x-long, aluminum, hard ano, 2pcs) TKR6061 – Shock Shafts (rear, x-long, steel, 2pcs) TKR6081 – Shock Spring Set (rear, 1.6 x 10.0T, 90mm, green, 4.20 lb/in) TKR6082 – Shock Spring Set (rear, 1.6 x 9.5T, 90mm, yellow, 4.48 lb/in) TKR6083 – Shock Spring Set (rear, 1.6 x 9.07, 90mm, orange, 4.80 lb/in)
TKR6090 – Shock Spring Set (front, 1.6 x 9.0T, 80mm, pink, 4.80 lb/in)
TKR6092 – Shock Spring Set (front, 1.6 x 8.0T, 80mm, yellow, 5.60 lb/in) TKR6091 – Shock Spring Set (front, 1.6 x 8.5T, 80mm, green, 5.17 lb/in)

TKR6140 - Locking Shock Rod End and Spring Perch Set (EB/NB/ET/NT/SCT)

TKR6144 - Shock Boots (long length, EB/NB, 2pcs) TKR6145 - Shock Boots (X-long length, rear EB/NB, 2pcs) TKR6093 - Shock Spring Set (front, 1.6 x 7.5T, 80mm, orange, 6.11 lb/in)

TKR6146 – Shock Cartridge Set (CNC, Delrin, EB/NB/ET/NT/SCT) TKR6159 - Shock Pistons (CNC, tapered, 4x1.8mm) TKR6160 - Shock Piston Blanks (CNC, tapered, 16 dimples)



# Setup Sheet



		Jetup	Sile					
Name: Box Stock		Date	8	Eve	ent:			
Track: Indoor □ O	utdoor□ Size: Sma	all□ Medi	ium 🗌 La	rge 🔲 Tra	ction: Lov	v 🗌 Med 🛭	∃ High 🗀	
Surface: Smooth□	Bumpy ☐ Rutted ☐	Type: Lo	oose/Loar	ny □ Hard	Pack □ Blu	ue Groove	□ Clay □	
Bumpsteer//Ackern	nan/Servo Saver/Ste	ering Stor	Cor	ndition: Du	ısty□ Dry	☐ Wet ☐ I	Muddy □	
ballstud orientation # 0				front		Shocks:		
#4 9	washers u	ınder 🚆 🔳	0	middle	211	FRONT	REAR	
washers under # 0		<u></u>		rear	OIL	650	600	
Front	e Engl		Turns from fully tight	The second second	BRAND	Tekno	Tekno	
A Di					PISTON	8x1.3 cone up	8x1.3 cone up	
34	A B OFFSET				SPRING	green	green	
	Omm Onm 1mm	2	Suspensio FRONT	REAR	REBOUND	0 %	0 %	
4 A B		RIDE HEIGHT	37	40	STD/EMUL/VENT	STD	STD	
		CAMBER	-2	-2	NOTES:			
		CASTER	15 deg		Ti	Tires/Wheels		
		SWEEP	0 deg	_	BRAND/TREAD	FRONT	REAR	
(Sweep)	"A" Block (0° WITH CENTER DOT INSERT)	KICK UP	8.5 deg	_	COMPOUND			
		ANTI-SQUAT		2 deg	INSERT			
		TOE (in/out)	.5 deg out	3 deg in	WHEEL			
	"B" Block (10° WITH CENTER DOT INSERT)	SWAY BAR	2.5 2.6		NOTES:			
		SHOCK LENGTH (DROOP)	122 136		Differential Oil:			
(Kick Up)		Body/Wit		ig:	FRONT	CENTER	REAR	
Rear	ind:	BODY MAKE	KE Tekno		10k	10k	5k	
Q1		WING MAKE	Te	ekno		Electronic	S:	
2 3 4	OFFSET		POSITION SETTIN	GS	ESC:			
$\mathbf{A}_{2}^{1}$	A B C D Omm 1mm 2mm	0 2 0 2 3 4 3 4			BATTERY:			
034	A B C				MOTOR:			
6		1 - REARWARD LOW 2 - FORWARD LOW		RADIO:				
		O 3 - REARWARD HIGH 4 - FORWARD HIGH			SERVO:	300oz ı	min	
			OOWNFORCE SETTI			Drivetrain:		
				1 4° ↓ 0	PINION SIZE			
	<b>"C" Block</b> (2° WITH CENTER DOT INSERT)				Chassis Braces:			
(Anti-Squat)	(=	1		↓ 10°↑• • • • • • • • • • • • • • • • • • •	Front (front bra	Middle 🔳 ace is always reco	Rear 🔳	
(///// Squat/			Wheelbas		,	Notes:		
	"D" Block (3° WITH CENTER DOT INSERT)	THE PERSON NAMED IN	5	mm_/FRONT				
(Rear Toe)		large 2mm		- /DEAD				
0°5° 1°	.5° 1° 1° .5° .5° 1°	small 1mm	0	mm <u>/REAR</u>				





	Setup	Shee	et S		ITL		
Name:	Date:	3	Eve	ent:			
Track Indoor ☐ Outdoor ☐ Size: Sm	all	_ ium □ La	rge 🔲 Trad	ction: Lo	w 🗌 Med 🛭	] High 🗌	
Surface: Smooth ☐ Bumpy ☐ Rutted ☐	Type: Lo	ose/Loar	ny 🗌 Hard	Pack 🔲 B	lue Groove [	□ Clay □	
Bumpsteer//Ackerman/Servo Saver/Ste	ering Stor	Con	ndition: Du	sty 🗆 Dry	y□ Wet□ <i>l</i>	Лuddy □	
ballstud orientation #		20	front		Shocks:		
# Washers u		0	middle	_	FRONT	REAR	
washers under # L	80		rear	OIL			
Front End:	<b>1 2 3 3 3 3 3 3 3 3 3 3</b>	from fully tight	washers  I REAR	BRAND			
<del>1</del> Ω!				PISTON			
2 3 4 A B OFFSET				SPRING			
0mm 1mm		Suspensio FRONT		REBOUND	%	%	
4 A B C	RIDE HEIGHT	TRONT	NLAN	STD/EMUL/VEN	IT		
	CAMBER			NOTES:			
	CASTER			Tires/Whee		ls:	
	SWEEP		_	DDAND /TDEAS	FRONT	REAR	
	KICK UP		_	BRAND/TREAD			
"A" Block (0° WITH CENTER DOT INSERT)	ANTI-SQUAT			COMPOUNI	D		
(Sweep)	TOE (in/out)			INSERT			
	SWAY BAR			WHEEL			
"B" Block (10° WITH CENTER DOT INSERT)	SHOCK LENGTH			Differential Oil:			
(Kick Up)	(DROOP)	<b>l Body/Win</b>	ା ୮	FRONT	CENTER	REAR	
Rear End:	BODY MAKE						
<b>A O</b> 1	WING MAKE				Electronics	<u> </u>	
2 3 OFFSET	POSITION SETT		GS	ESC:			
A B C D Omm 1 mm 8	1 - REARWARD LOW 2 - FORWARD LOW			BATTERY:			
2mm				MOTOR:			
4 A B C				RADIO:			
	3 - REARWA		- FORWARD LOW - FORWARD HIGH	SERVO:			
	DOWNFORCE SETTINGS				Drivetrain	•	
	<b>○</b> ↑ 4° ↓ •			PINION SIZ	_	(teeth)	
"C" Block	<b>○</b> ↑ 7° ↑			Chassis Braces:			
(2° WITH CENTER DOT INSERT)	110° ↑			Front	Middle 🔲	Rear	
(Anti-Squat)			lownforce angles)	(front b	orace is always recor	nmended)	
"D" Block		Wheelbas			Notes:		
(3° WITH CENTER DOT INSERT)	large 2mm		mm_/FRONT				
(Rear Toe)	small 1mm		mm <u>/REAR</u>	<u> </u>			
0° 1° 5° 1° 1° 5° 5° 1° 1° 1° 5° 5° 1° 1° 1° 5° 1° 1° 1° 5° 1° 1° 1° 5° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1°				<u> </u>			





	Setup	Shee	et S		ITL		
Name:	Date:	3	Eve	ent:			
Track Indoor ☐ Outdoor ☐ Size: Sm	all	_ ium □ La	rge 🔲 Trad	ction: Lo	w 🗌 Med 🛭	] High 🗌	
Surface: Smooth ☐ Bumpy ☐ Rutted ☐	Type: Lo	ose/Loar	ny 🗌 Hard	Pack 🔲 B	lue Groove [	□ Clay □	
Bumpsteer//Ackerman/Servo Saver/Ste	ering Stor	Con	ndition: Du	sty 🗆 Dry	y□ Wet□ <i>l</i>	Лuddy □	
ballstud orientation #		26	front		Shocks:		
# Washers u		0	middle	_	FRONT	REAR	
washers under # L	80		rear	OIL			
Front End:	<b>1 2 3 3 3 3 3 3 3 3 3 3</b>	from fully tight	washers  I REAR	BRAND			
<del>1</del> Ω!				PISTON			
2 3 4 A B OFFSET				SPRING			
0mm 1mm		Suspensio FRONT		REBOUND	%	%	
4 A B C	RIDE HEIGHT	TRONT	NLAN	STD/EMUL/VEN	IT		
	CAMBER			NOTES:			
	CASTER			Tires/Whee		ls:	
	SWEEP		_	DDAND /TDEAS	FRONT	REAR	
	KICK UP		_	BRAND/TREAD			
"A" Block (0° WITH CENTER DOT INSERT)	ANTI-SQUAT			COMPOUNI	D		
(Sweep)	TOE (in/out)			INSERT			
	SWAY BAR			WHEEL			
"B" Block (10° WITH CENTER DOT INSERT)	SHOCK LENGTH			Differential Oil:			
(Kick Up)	(DROOP)	<b>l Body/Win</b>	ା ୮	FRONT	CENTER	REAR	
Rear End:	BODY MAKE						
<b>A O</b> 1	WING MAKE				Electronics	<u> </u>	
2 3 OFFSET	POSITION SETT		GS	ESC:			
A B C D Omm 1 mm 8	1 - REARWARD LOW 2 - FORWARD LOW			BATTERY:			
2mm				MOTOR:			
4 A B C				RADIO:			
	3 - REARWA		- FORWARD LOW - FORWARD HIGH	SERVO:			
	DOWNFORCE SETTINGS				Drivetrain	•	
	<b>○</b> ↑ 4° ↓ •			PINION SIZ	_	(teeth)	
"C" Block	<b>○</b> ↑ 7° ↑			Chassis Braces:			
(2° WITH CENTER DOT INSERT)	110° ↑			Front	Middle 🔲	Rear	
(Anti-Squat)			lownforce angles)	(front b	orace is always recor	nmended)	
"D" Block		Wheelbas			Notes:		
(3° WITH CENTER DOT INSERT)	large 2mm		mm_/FRONT				
(Rear Toe)	small 1mm		mm <u>/REAR</u>	<u> </u>			
0° 1° 5° 1° 1° 5° 5° 1° 1° 1° 5° 5° 1° 1° 1° 5° 1° 1° 1° 5° 1° 1° 1° 5° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1°				<u> </u>			



# **Tekno RC**

10755 Scripps Poway Pkwy #598 San Diego CA 92131 USA

www.teknorc.com

