CAT K1 Aero

Instruction Manual v1.0



Schumacher
racing-cars.com

Schumacher Racing
71-73 Tenter Road
Moulton Park
Northampton
NN3 6AX
U.K
WWW.racing-cars.com

Additional items required

Transmitter and Receiver
(including batteries for tx)

CR151
CODE 2.4G 2 Stick 3Ch Tx+Rx
CR152
CODE 2.4G 2 Stick 3Ch Receiver ONLY



Servo



Electronic Speed Control



Li-Po Battery



Motor



Pinion Gear



Battery Charger
CR161



Paint



C4450
CS Superglue 20g



Tyres and Inserts





Additional items

G796 Male Connector Plugs



SPW1403
High Current 14AWG Wire



Tools



U2818
Schumacher Body Reamer



U4229 Steel Spanner - 5.5mm/3.9mm

CR044 Curved Body Scissors



U2789 Hex Driver - 1.5mm
U2790 Hex Driver - 2.0mm
U2791 Hex Driver - 2.5mm
U2792 Hex Driver - 3.0mm





U2795 M3 Nut Driver
U2796 M4 Nut Driver



Soldering Iron
CR266 40w
CR275 80w



U3107 - Solder

CAT Kn Aero

Schumacher Racing stocks and distributes the following manufacturers products and full product listings are available on our website at
www.racing-cars.com

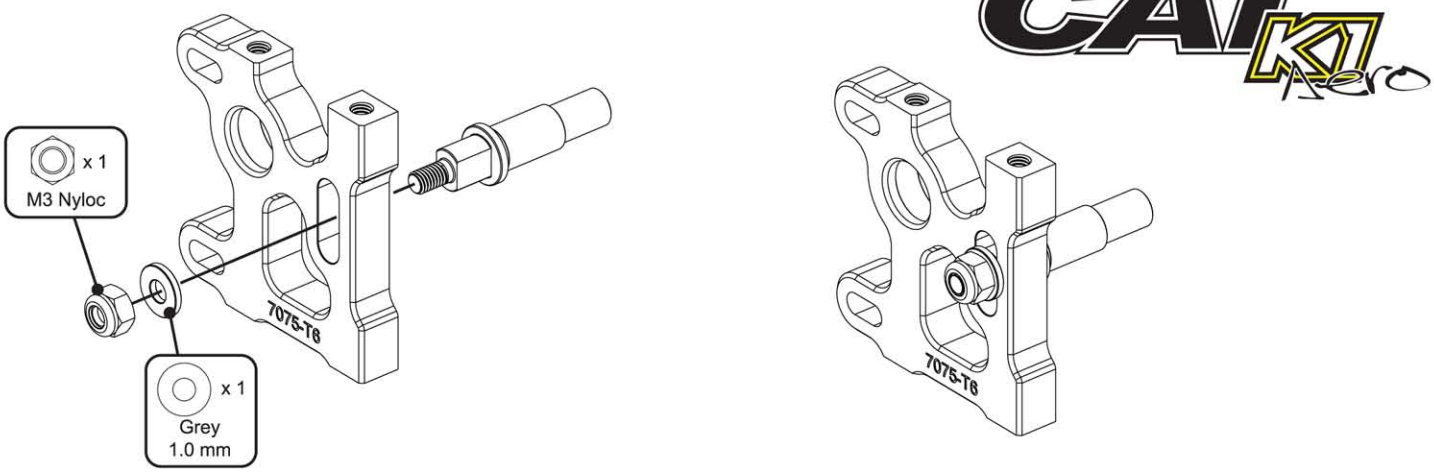
PLEASE NOTE THAT SOME OF THE PRODUCT RANGES BELOW ARE ONLY AVAILABLE IN THE UNITED KINGDOM.

SPEC R
Eastcoast Bodies Tune
CS-ELECTRONIC
TEAM SOREX
ARROWMAX
CORE-RC.COM
NOSRAM
Speed Passion
RacingStar
HOBBYWING
RHEINARD 33D
MonTech Racing
Thunder power rc
team EDS Specialized R/C Tools
contact RC RACING TYRES

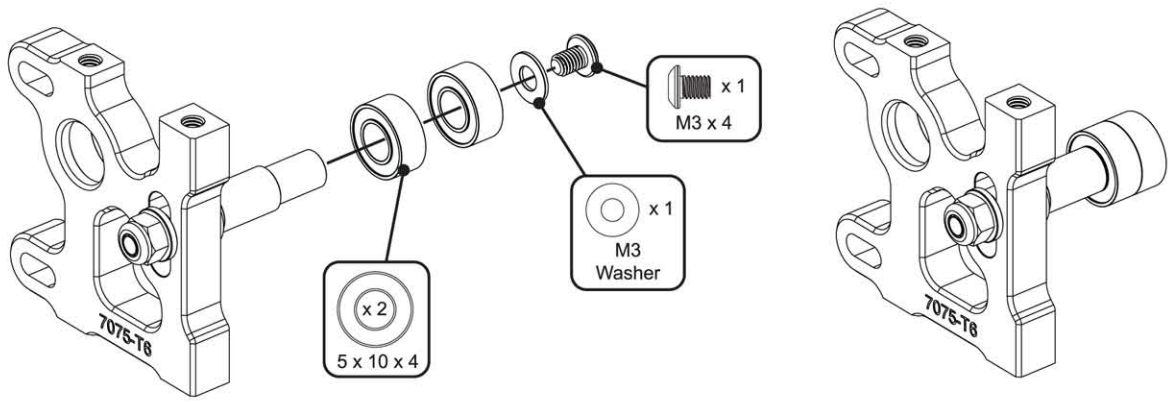
IMPORTANT SAFETY NOTES

- This product is not suitable for children under the age of 14, without the direct supervision of an adult.
- Select an area for assembly that is away from the reach of small children. The parts in this kit are small and can be swallowed by children causing choking and possible internal injuries.
- Exercise care when using hand tools and sharp instruments during assembly.
- Carefully read all manufacturers warnings and cautions for any additional parts used in the construction.
- In line with our policy of continuous development the exact details of the kit may vary.

Step 1 A

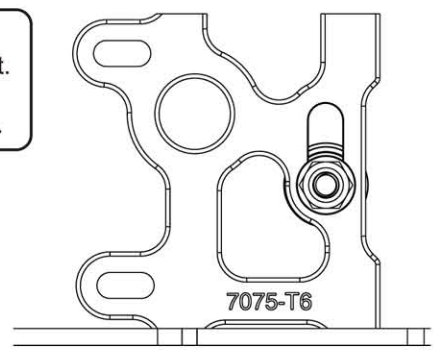


Step 1 B

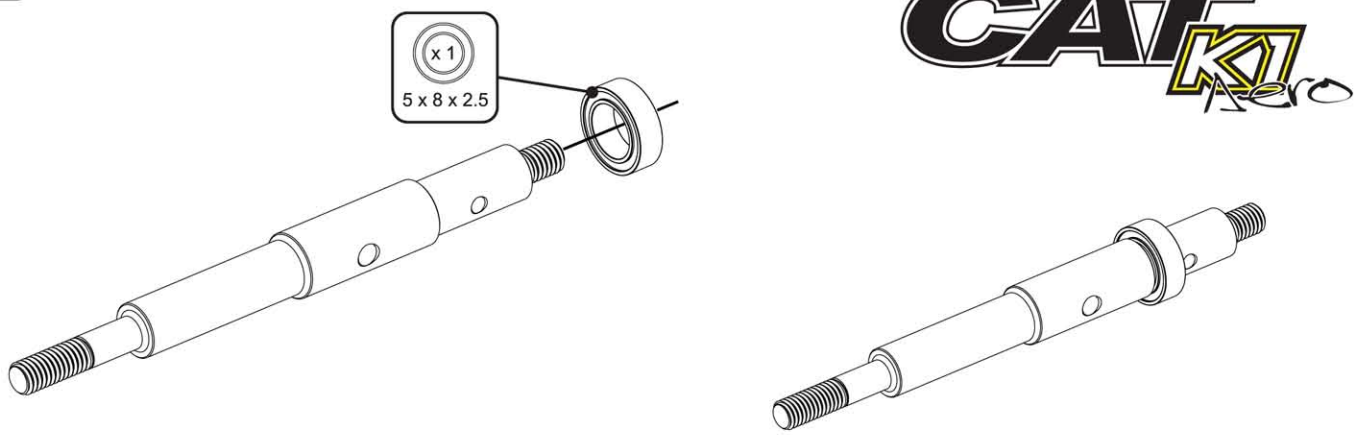


Step 1 C

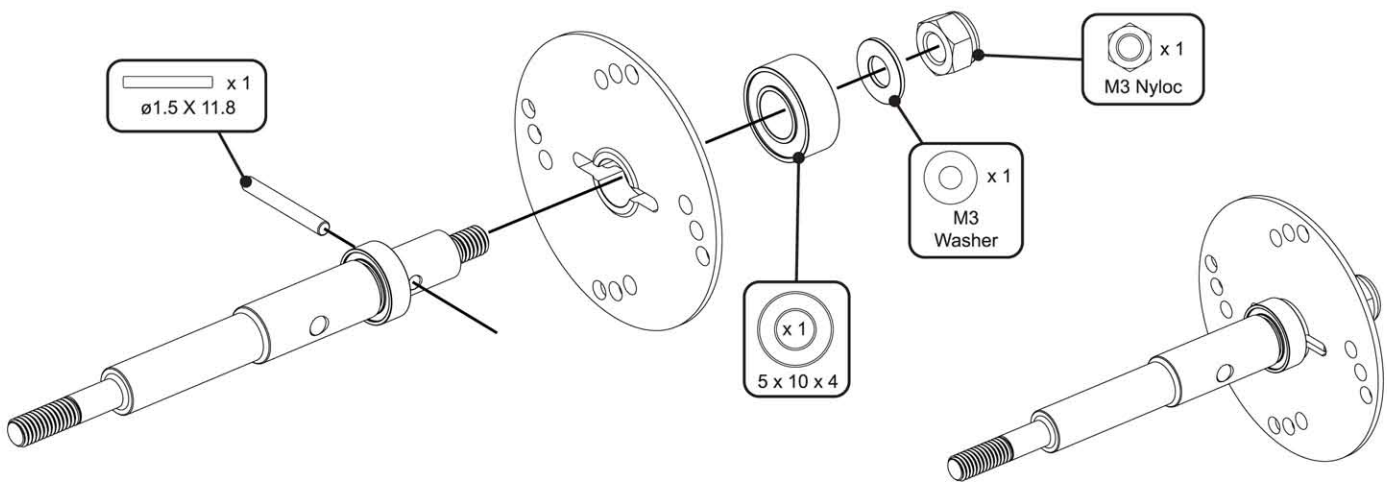
To adjust the Idler post height- (belt tension)
loosen the nyloc nut then raise or lower the post.
Then lock the setting with the nyloc nut.
Start with the idler post at the bottom of the slot.



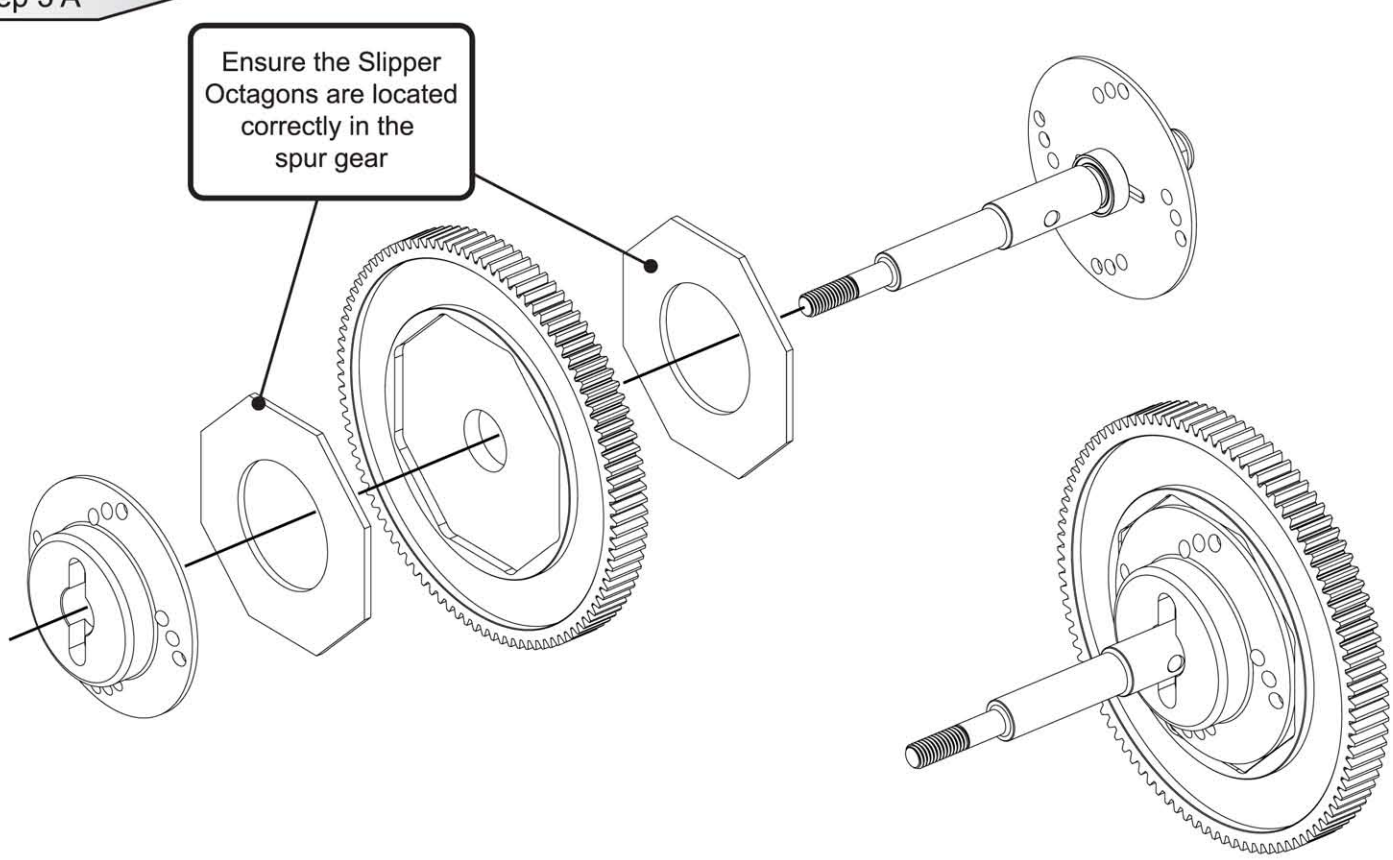
Step 2 A



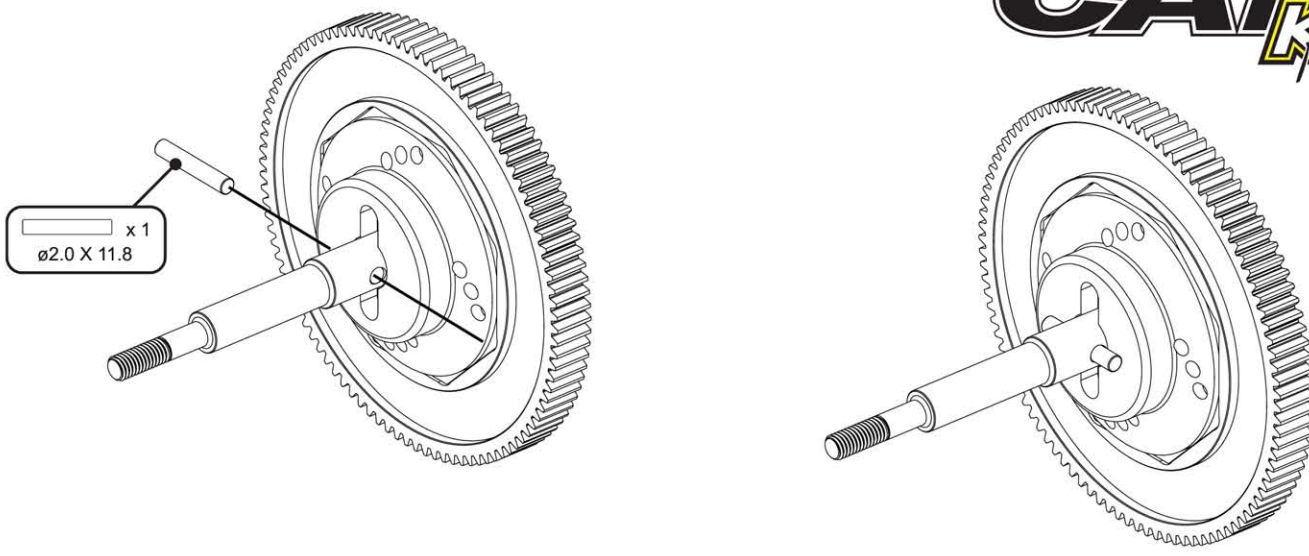
Step 2 B



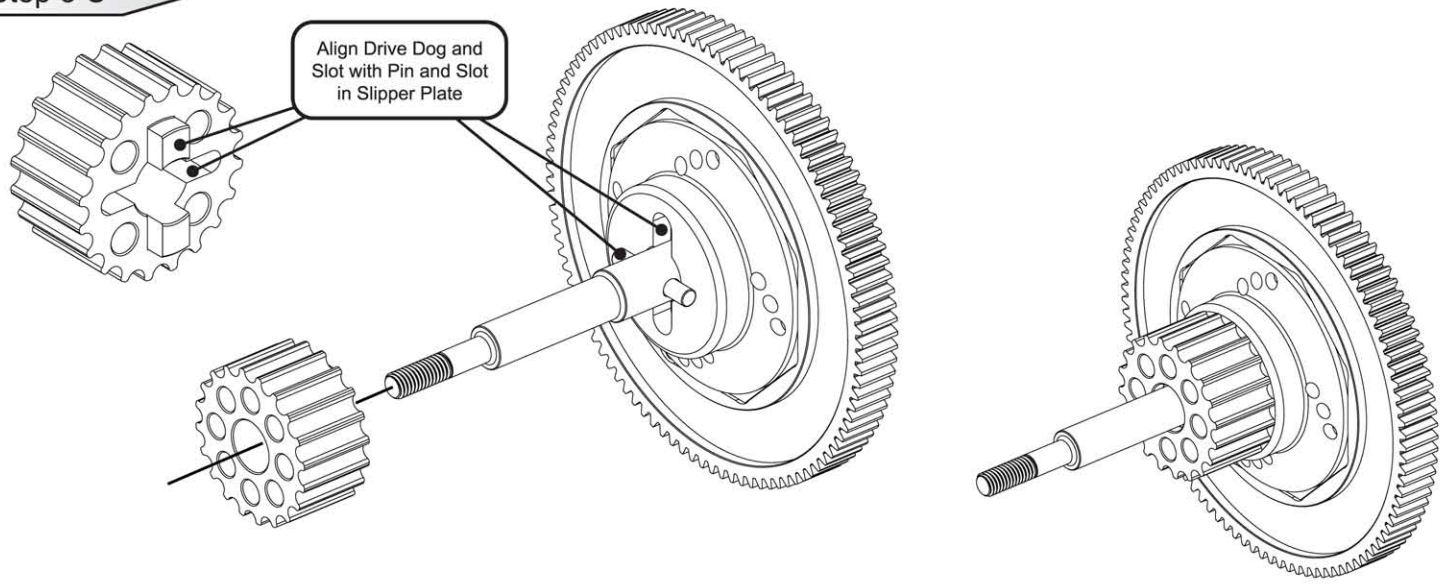
Step 3 A



Step 3 B

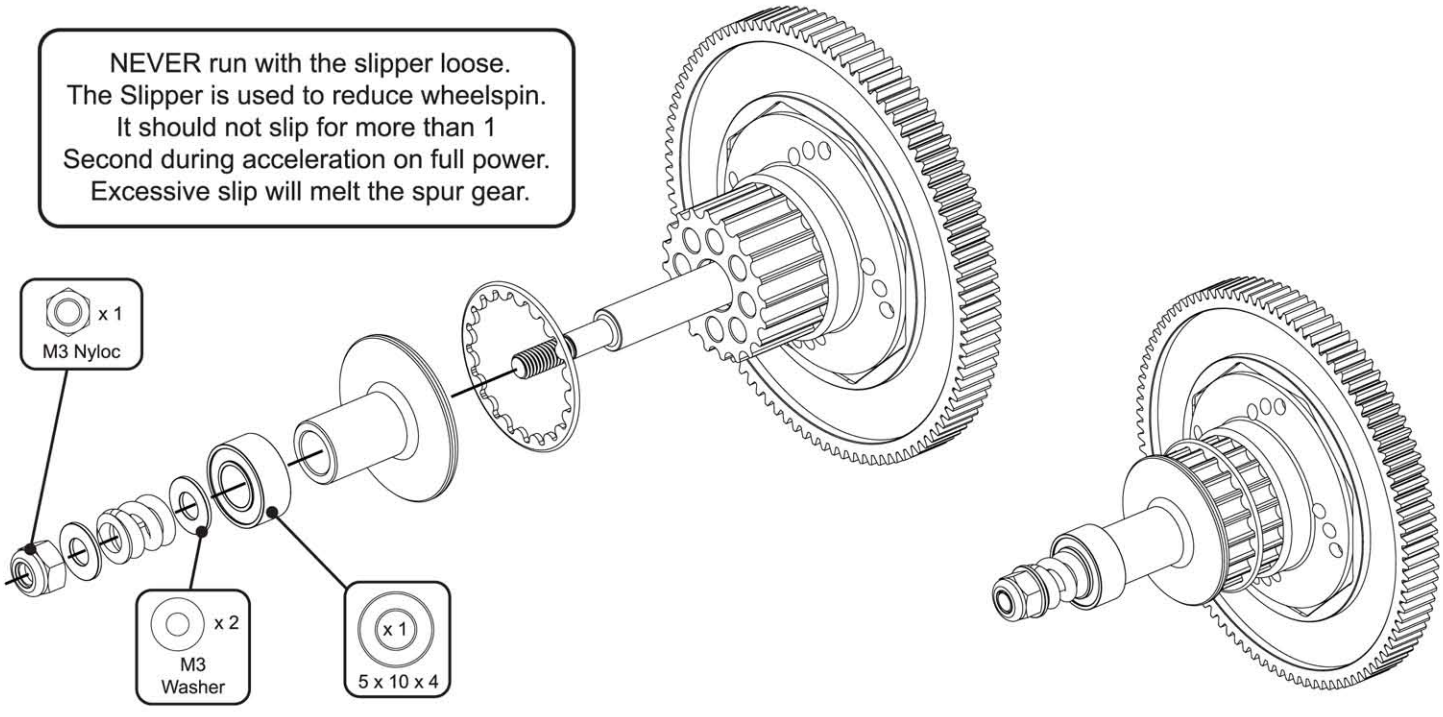


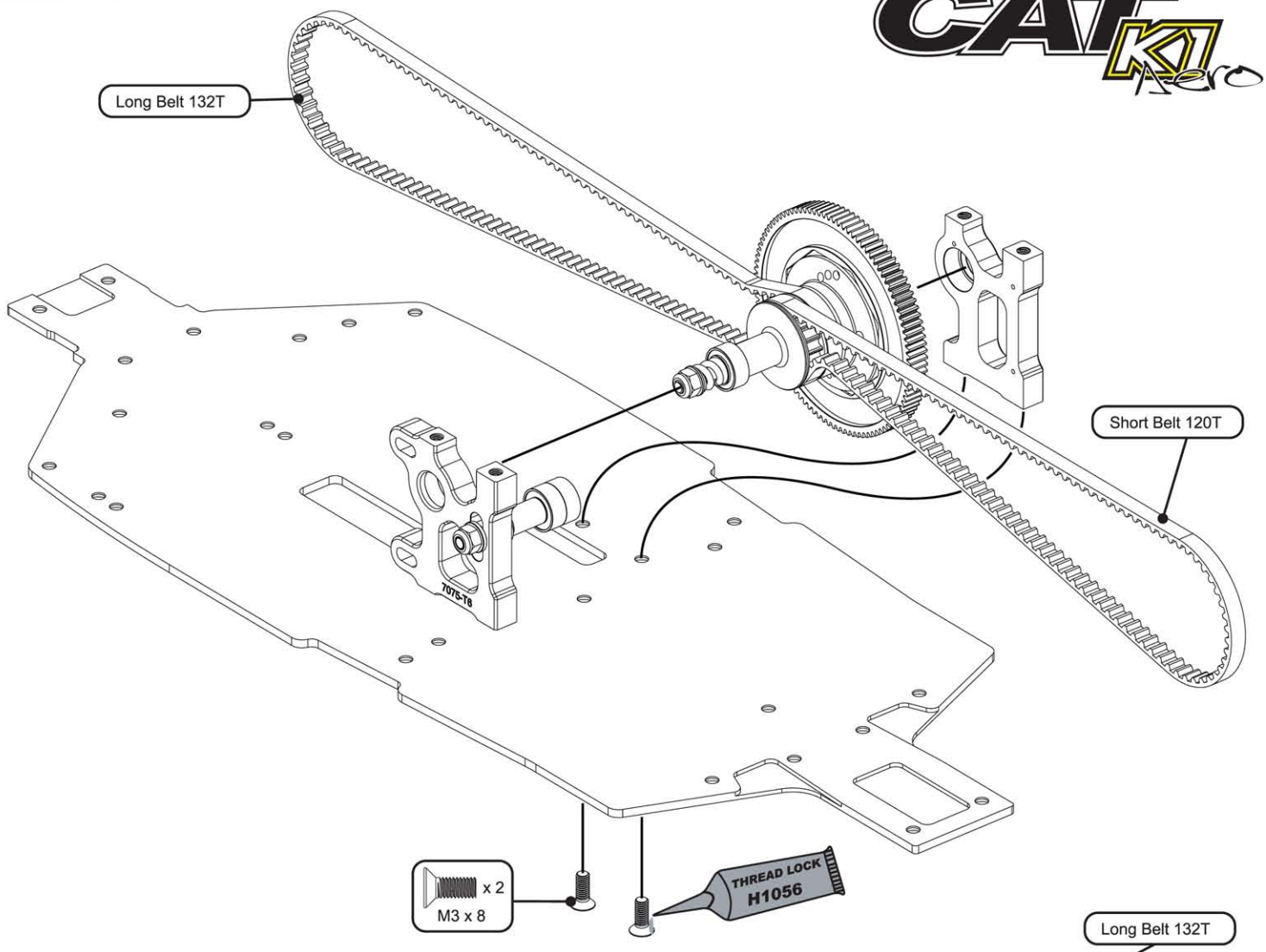
Step 3 C

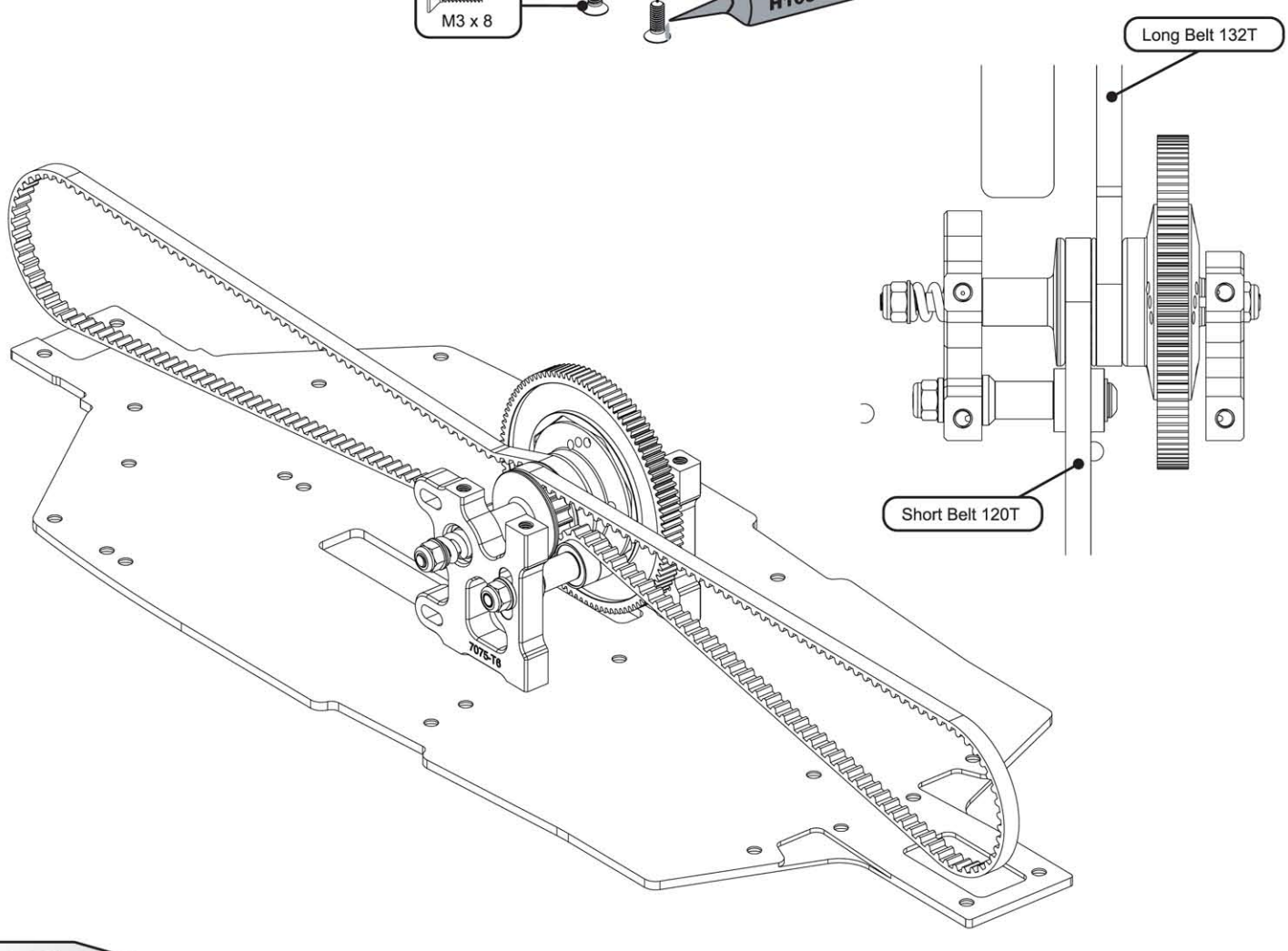


Step 4

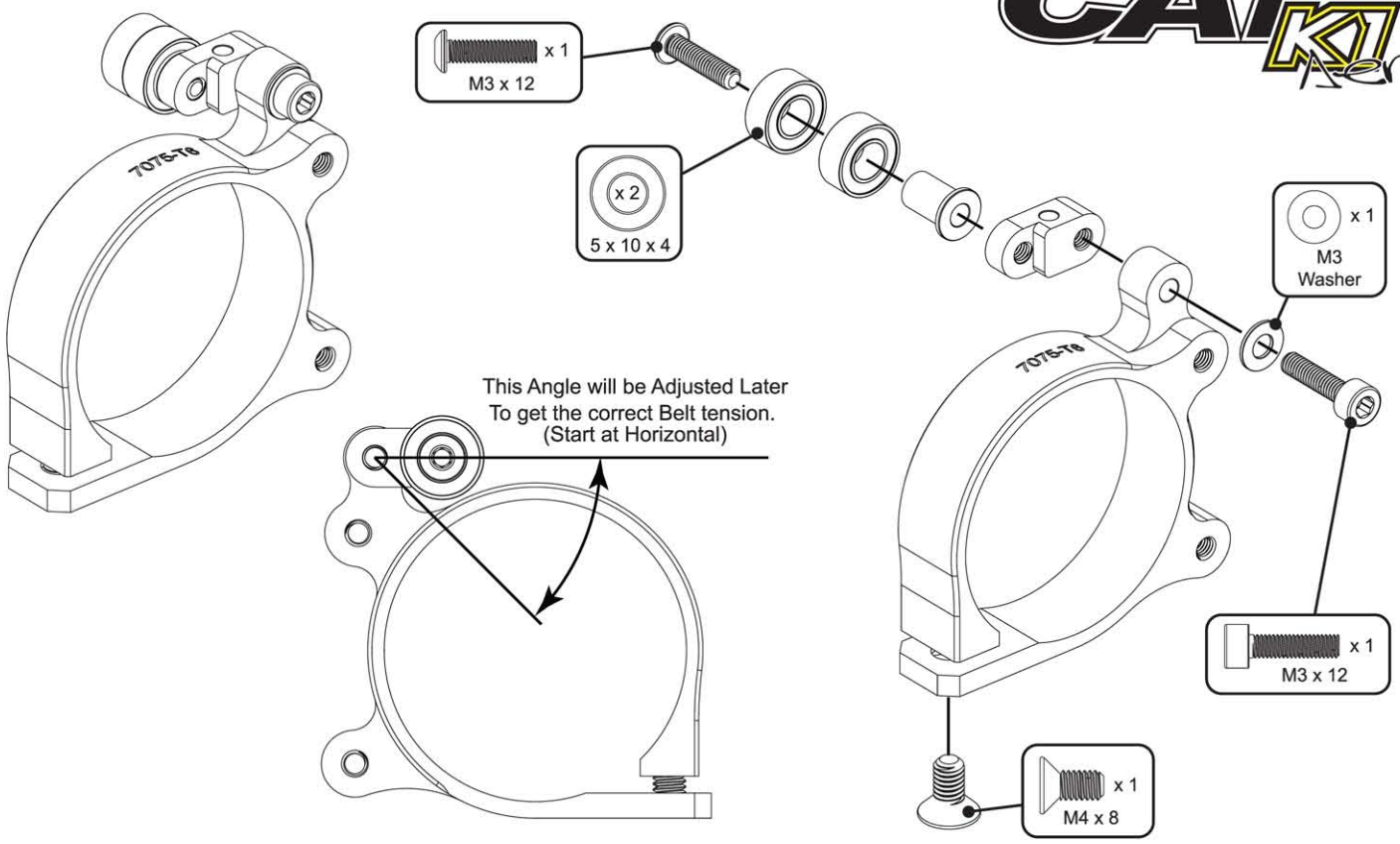
NEVER run with the slipper loose.
The Slipper is used to reduce wheelspin.
It should not slip for more than 1
Second during acceleration on full power.
Excessive slip will melt the spur gear.



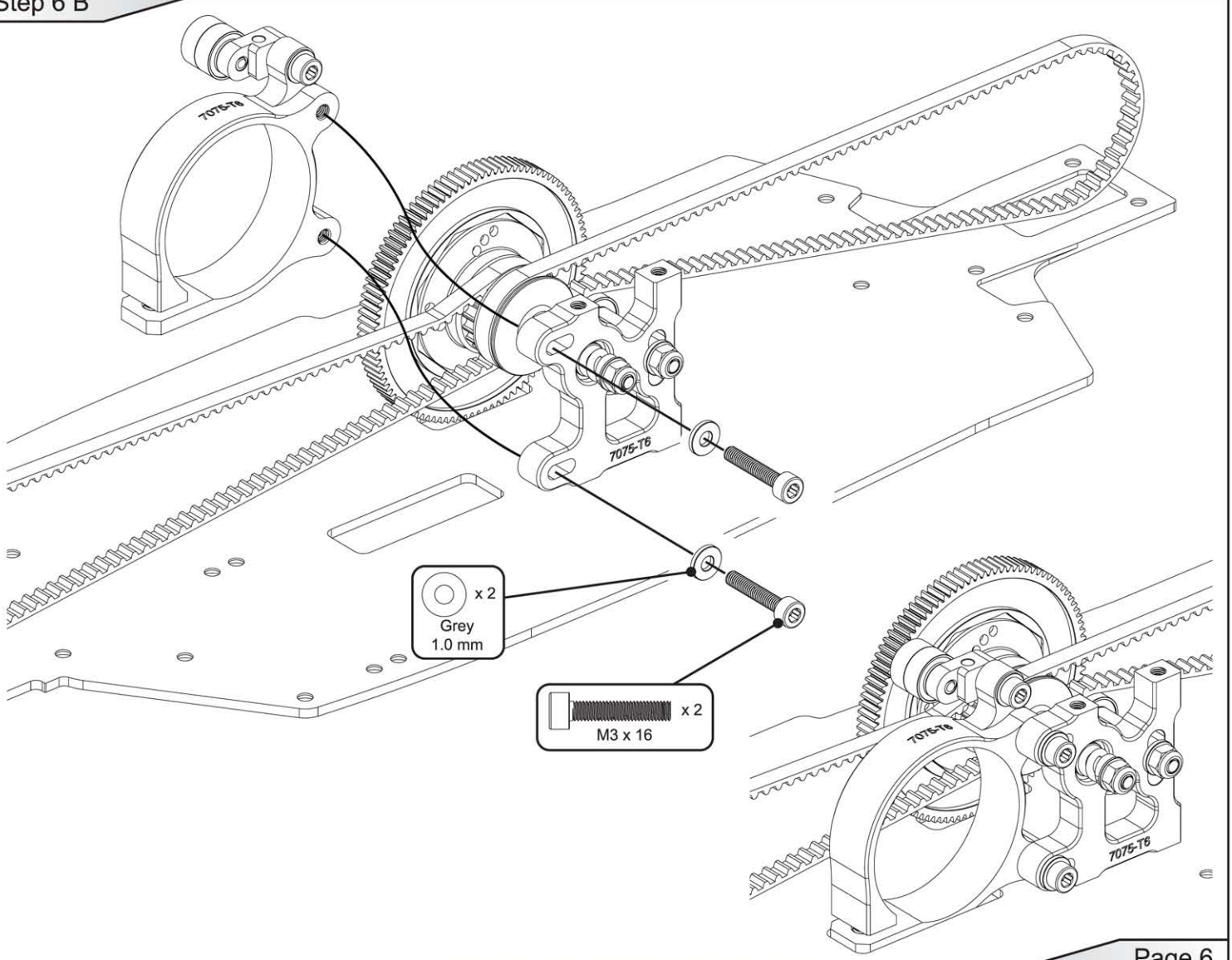

Long Belt 132T
Short Belt 120T
7075-T6
x 2
M3 x 8
THREAD LOCK
H1056

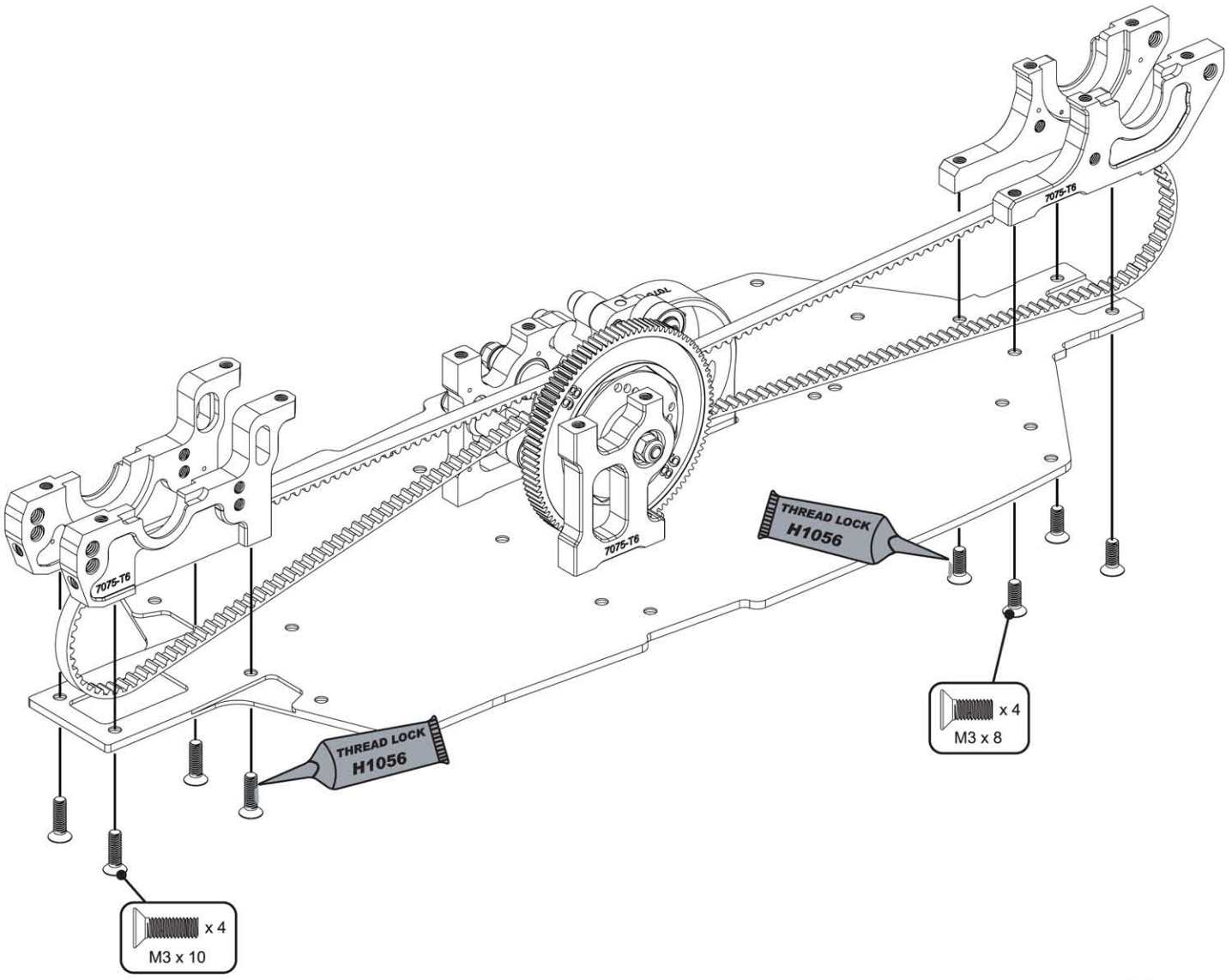

Long Belt 132T
Short Belt 120T
7075-T6

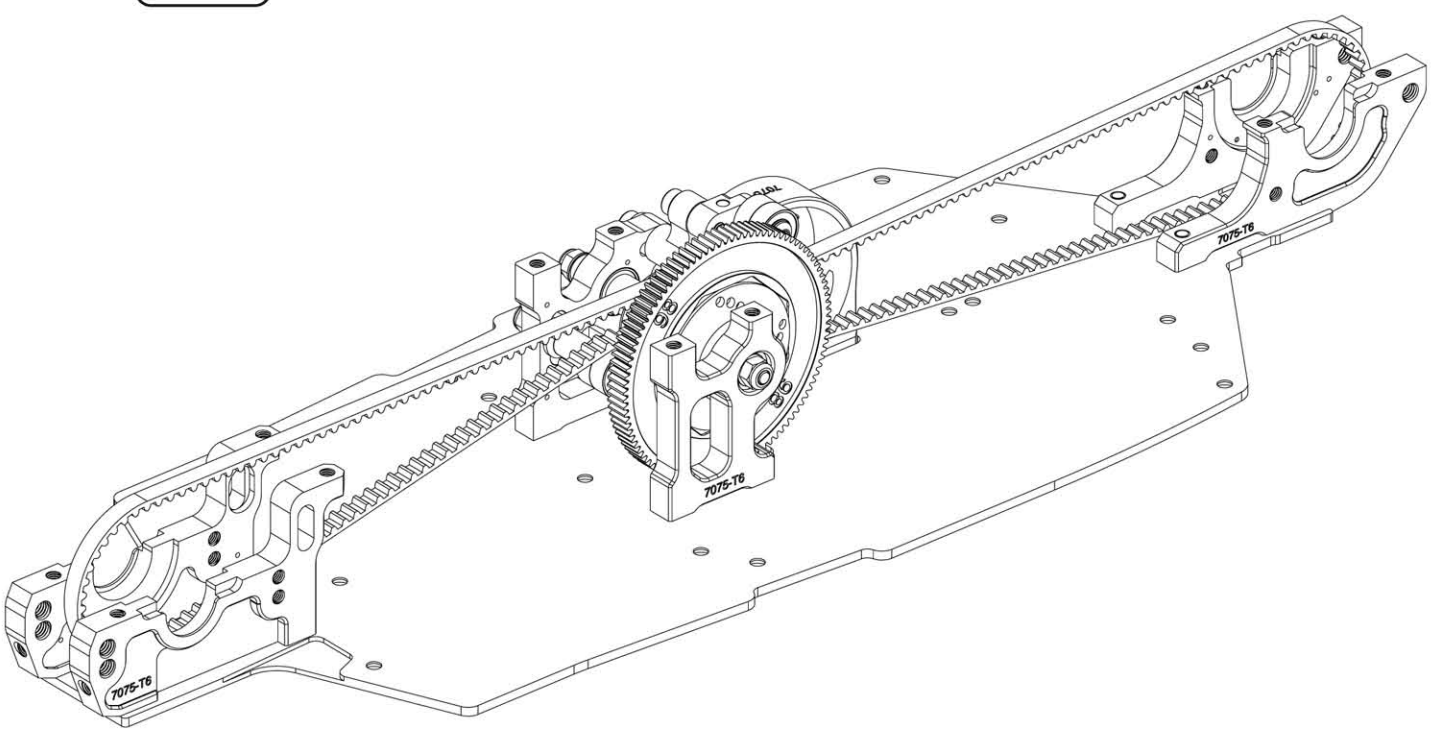
Step 6 A



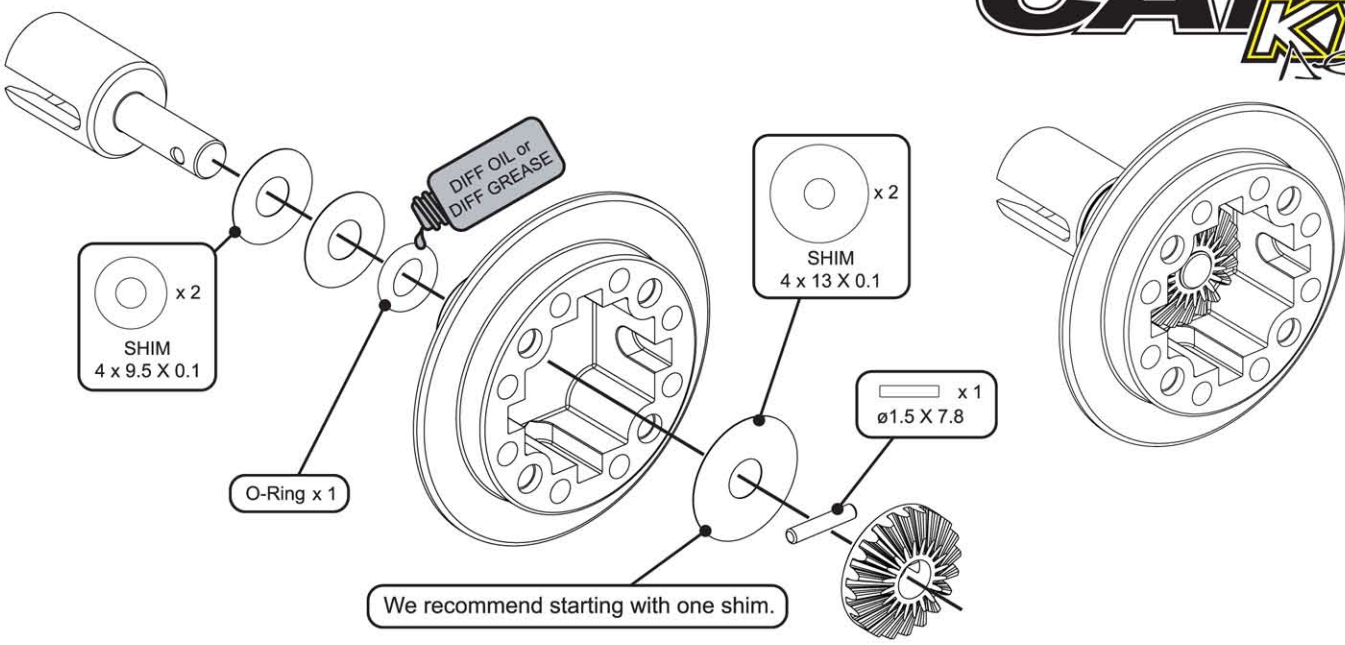
Step 6 B



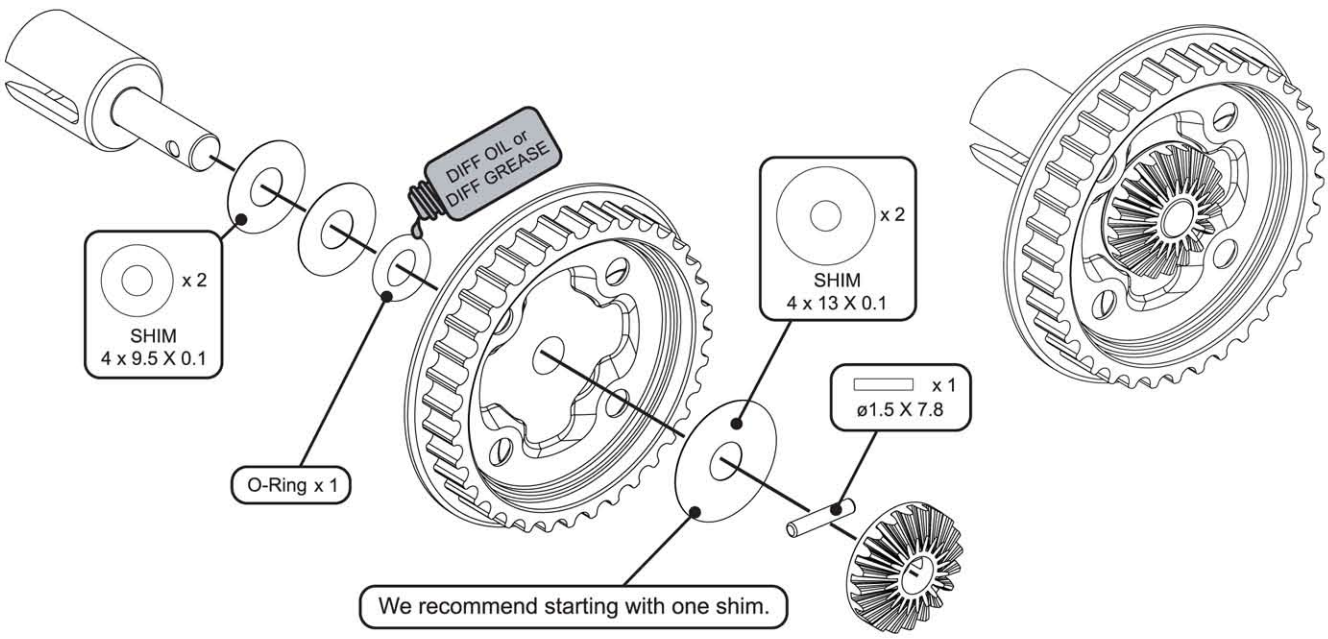

7075-T6
7075-T6
7075-T6
THREAD LOCK
H1056
THREAD LOCK
H1056
x 4
M3 x 8
x 4
M3 x 10


7075-T6
7075-T6
7075-T6

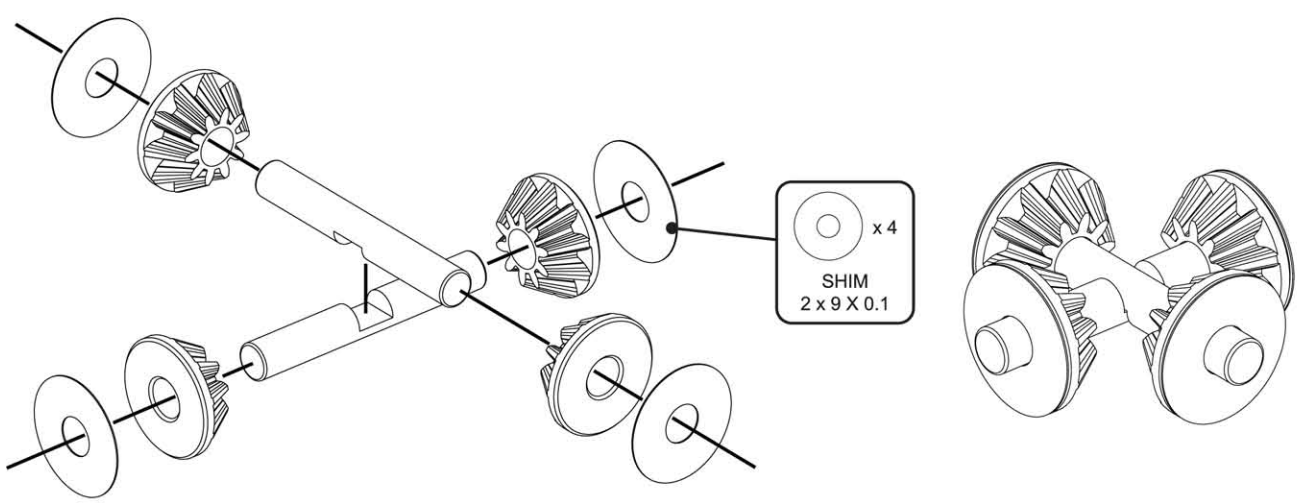
Step 8



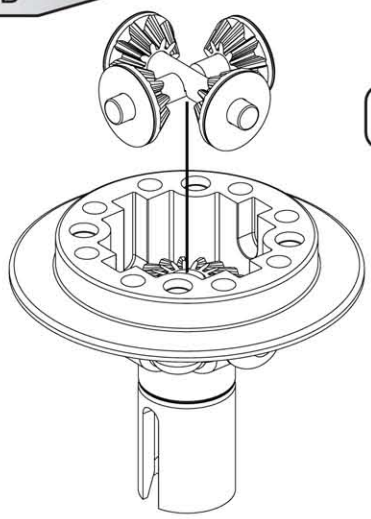
Step 9

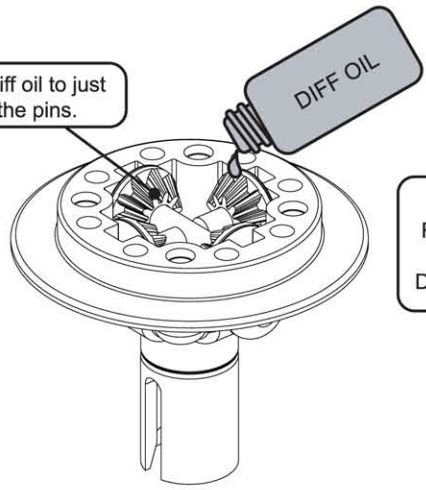


Step 10 A



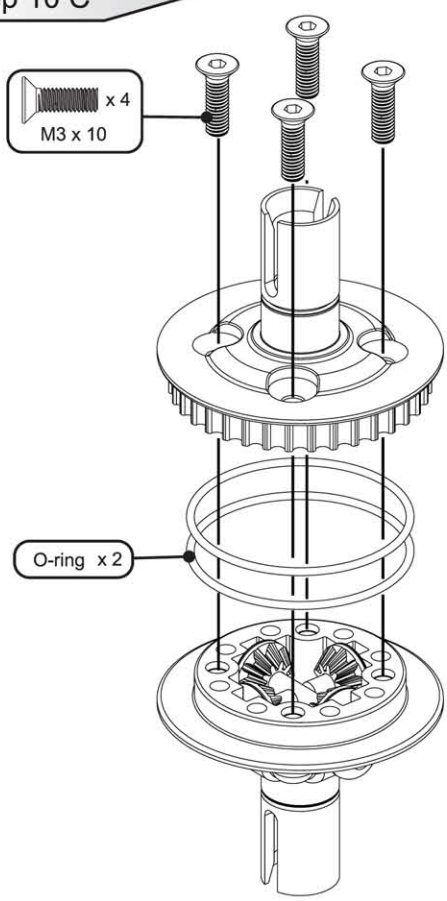
Step 10 B





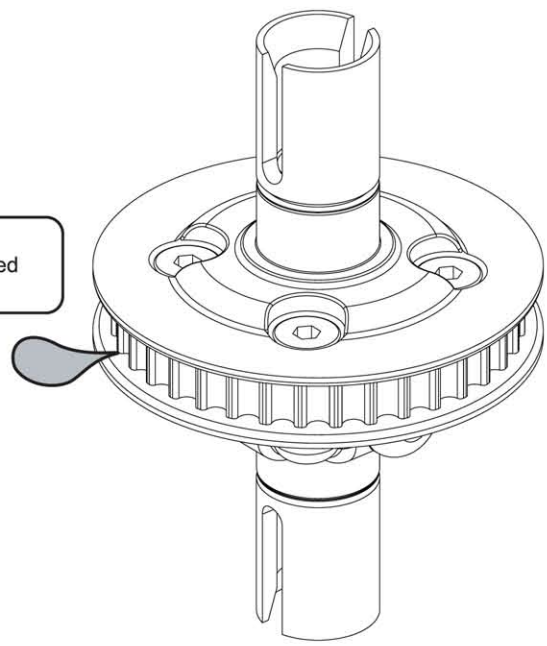
OVERFILLING WILL CAUSE OIL TO BE FORCED OUT PAST THE O-RING SEALS. THIS WILL STOP WHEN THE OIL AND DIFF VOLUME BALANCE OUT WITH HEAT.

Step 10 C



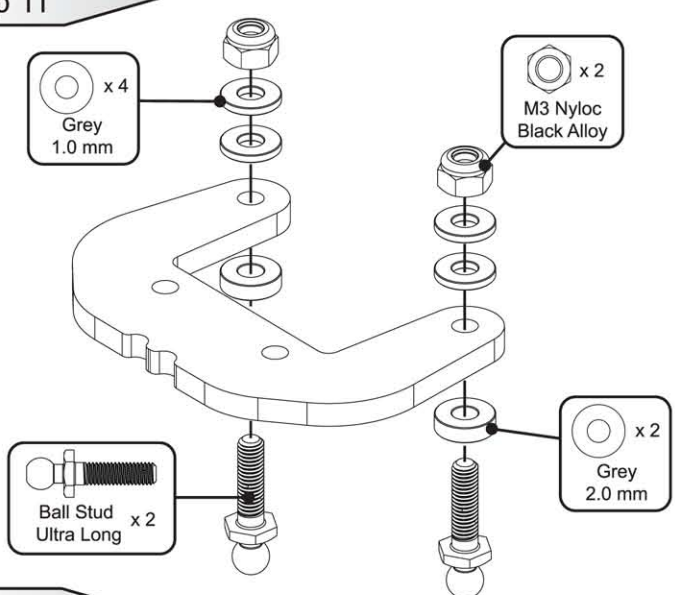
Feel the diff for internal gear mesh.
If too loose go back to Step 8 and add a shim between the housing and the bevel gear.
If too tight remove a shim from between the housing and the bevel gear.

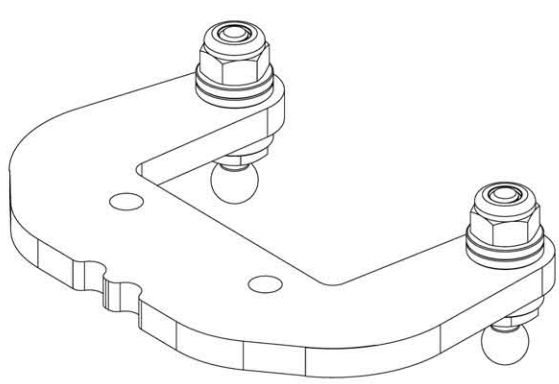
IMPORTANT
Remove any oil that has spilled onto the pulley teeth.



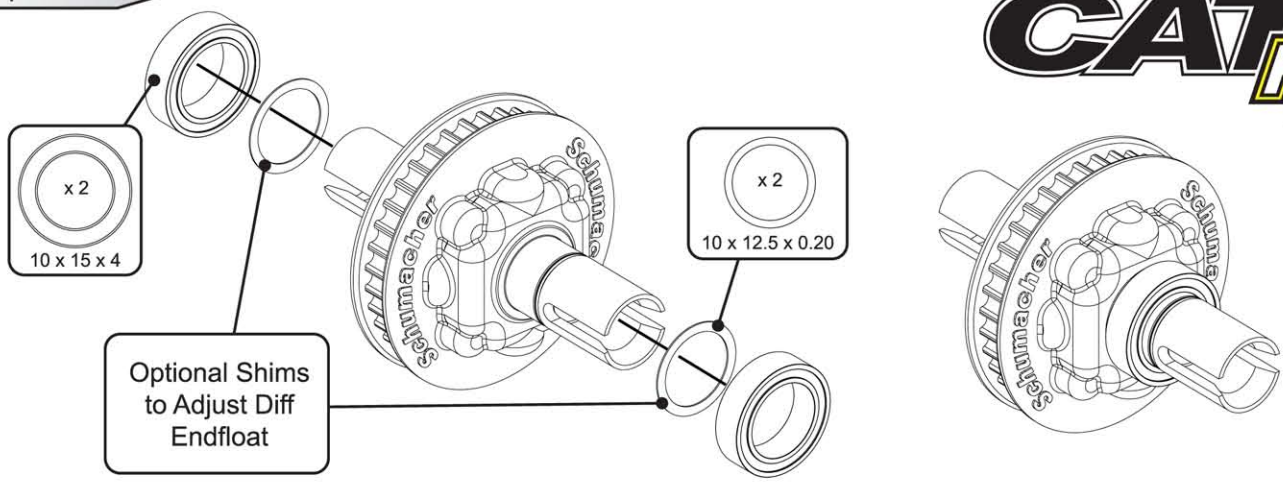
Now Repeat steps 8, 9 and 10 to build a second identical Diff

Step 11

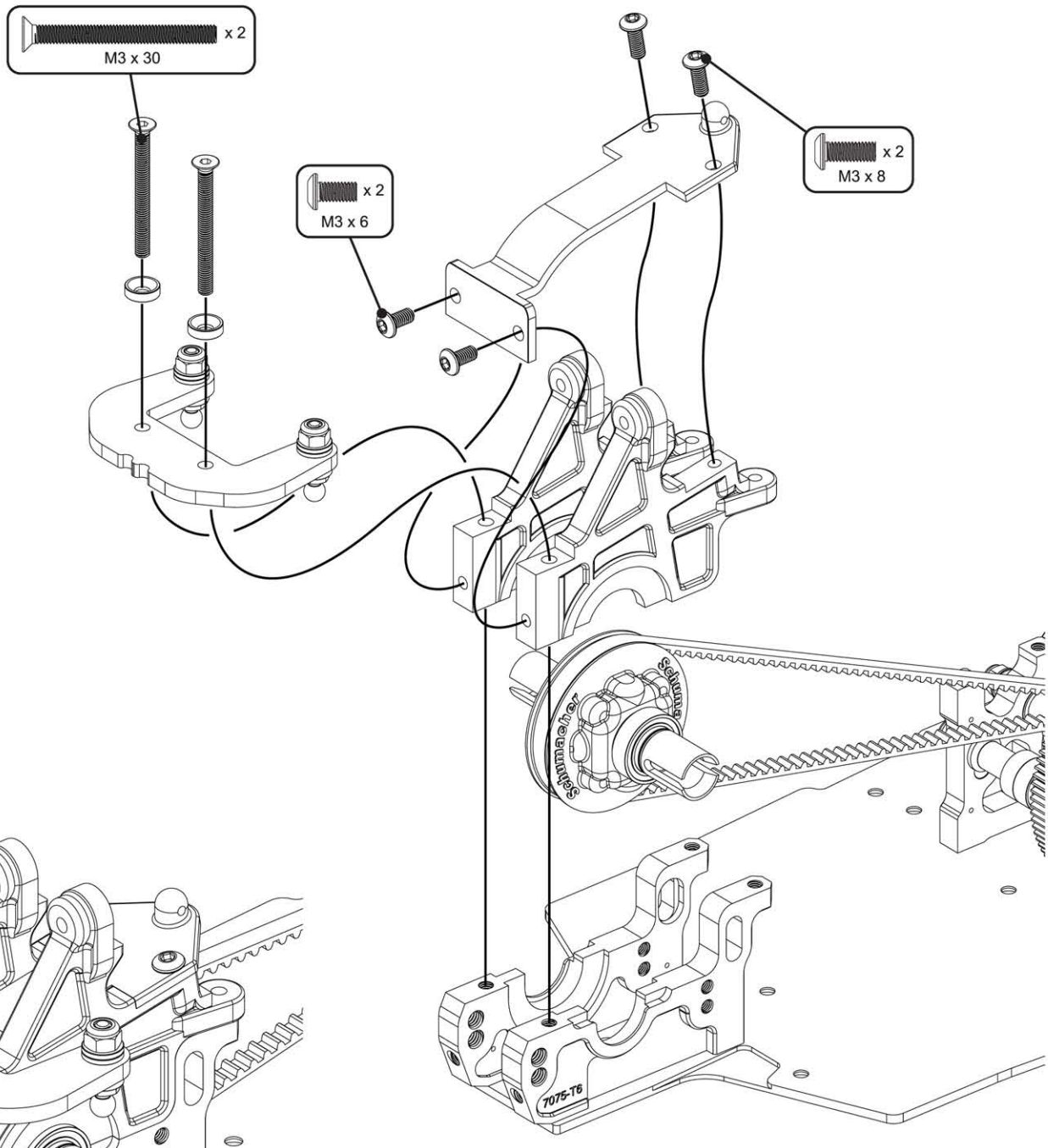




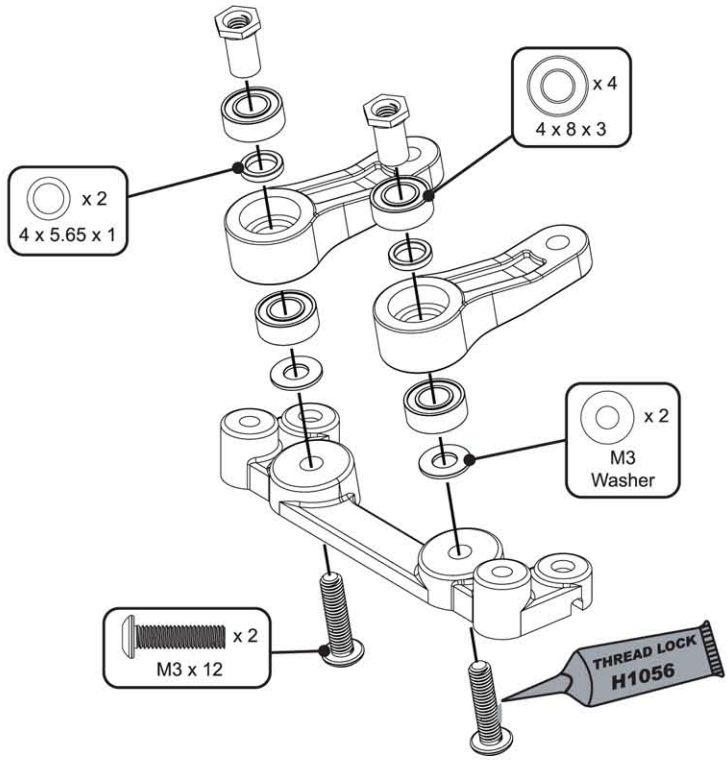
Step 12 A

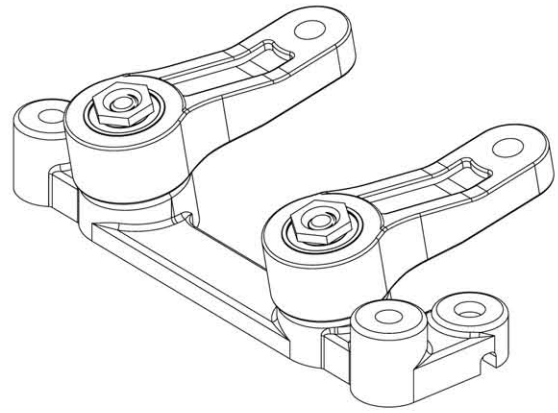


Step 12 B

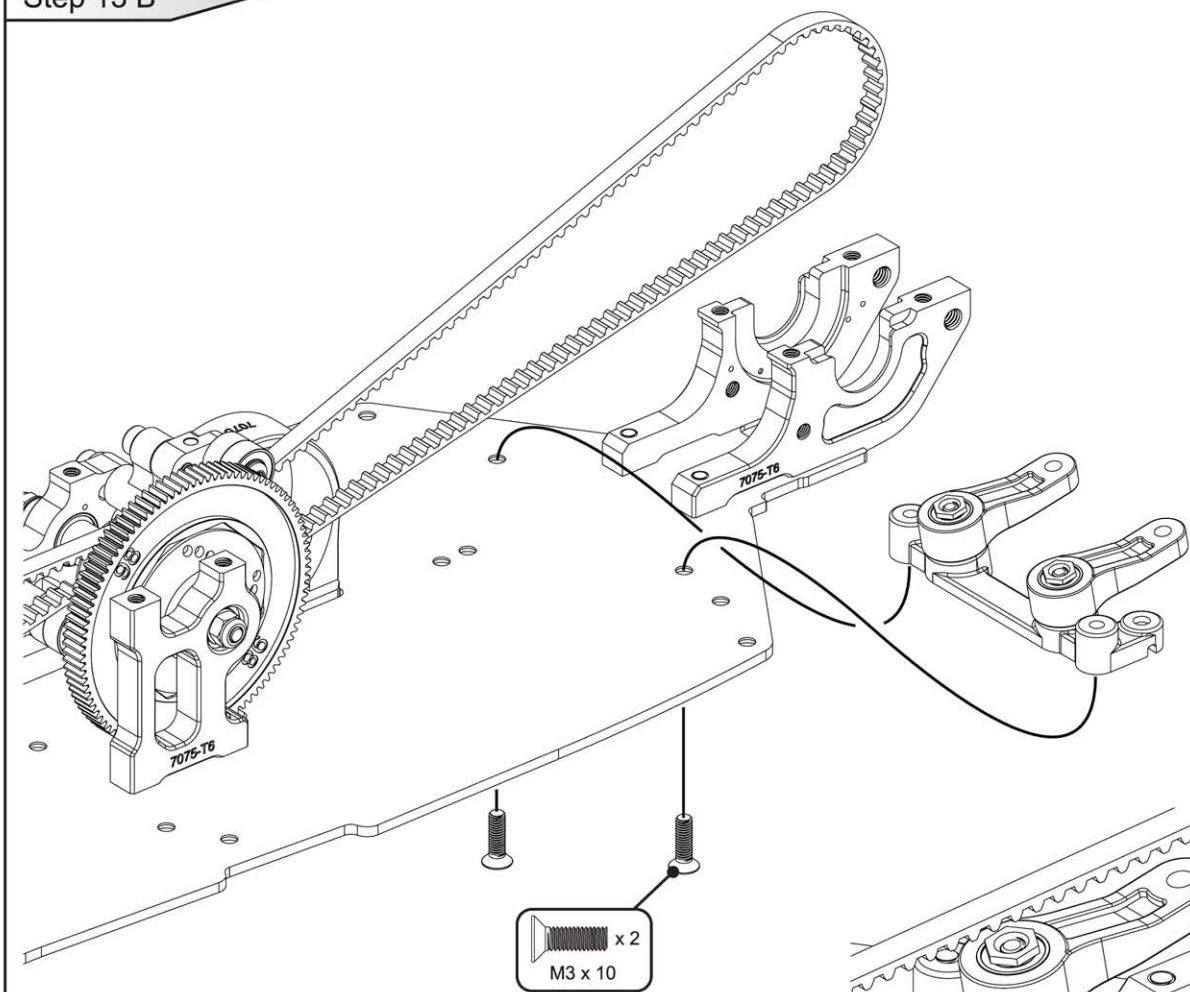


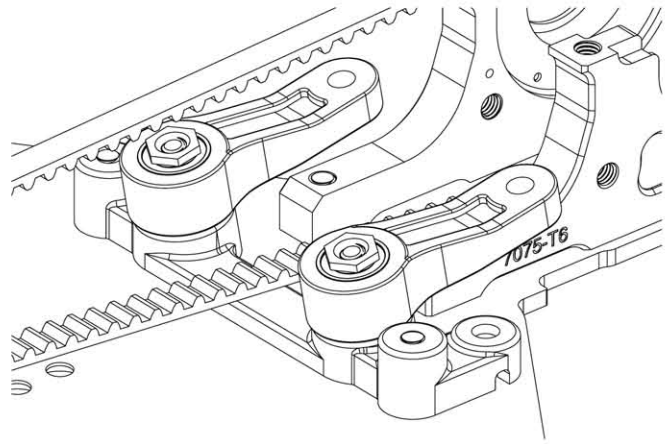
Step 13 A



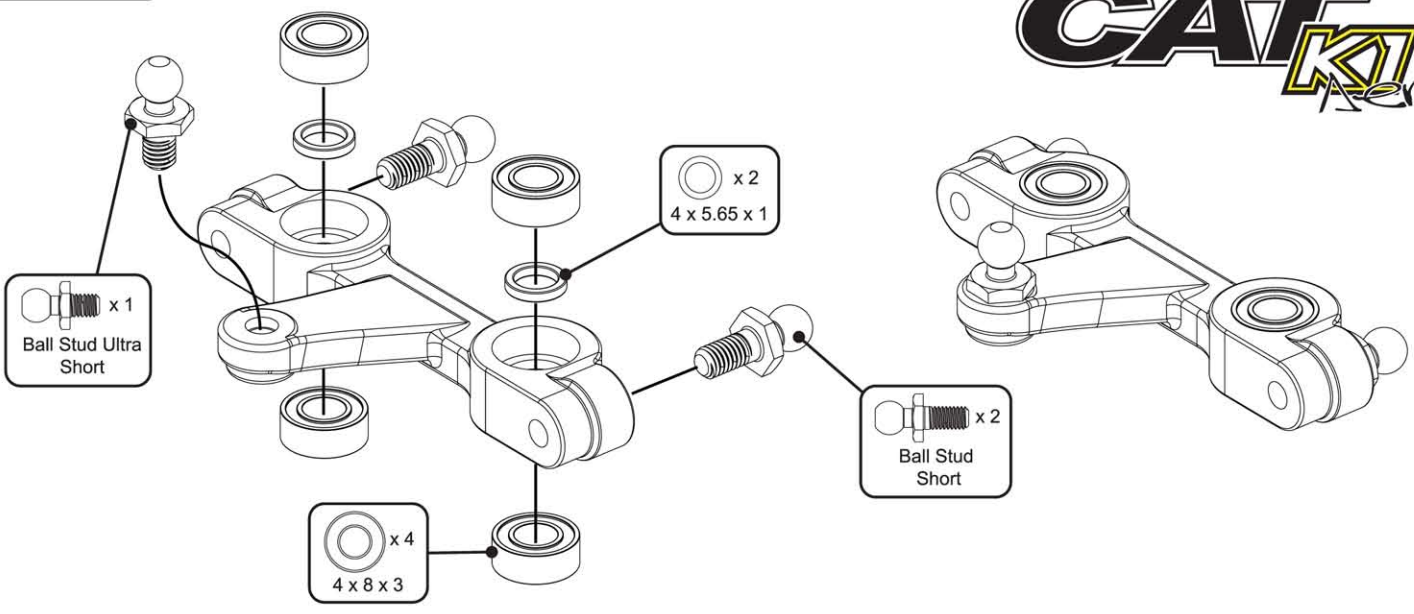


Step 13 B

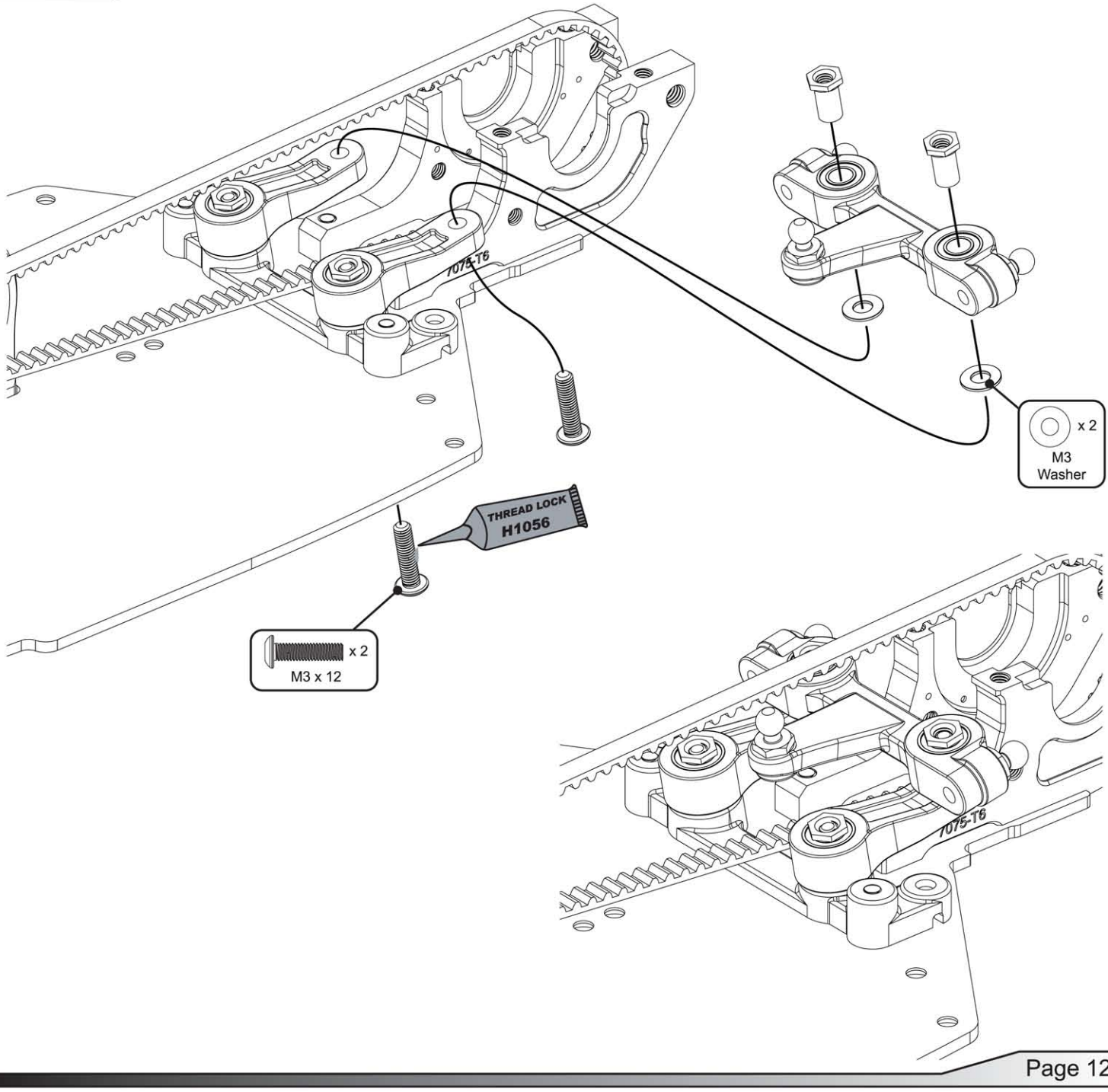




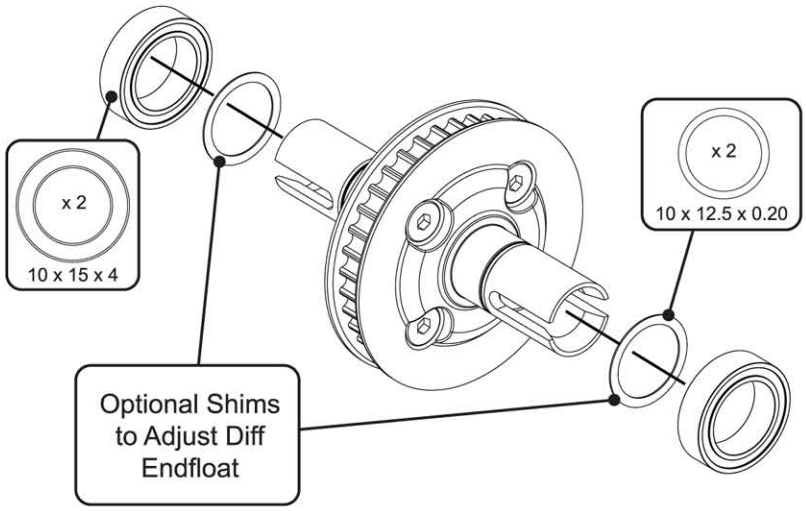
Step 14 A

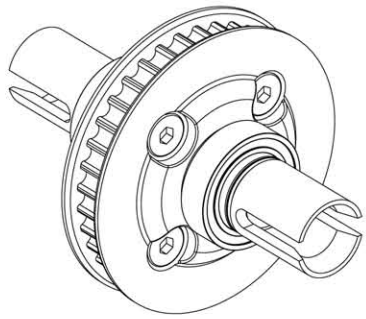


Step 14 B

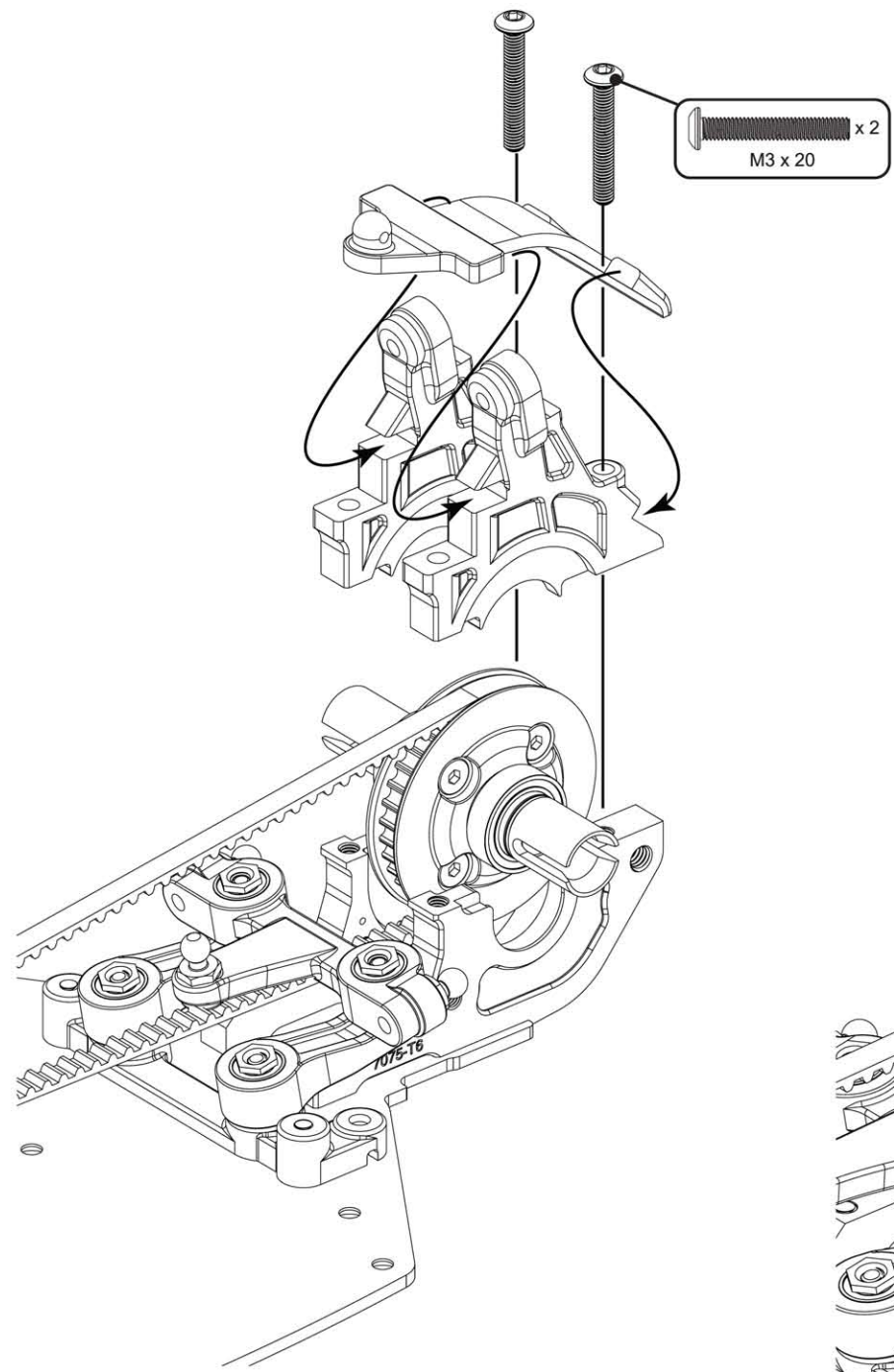


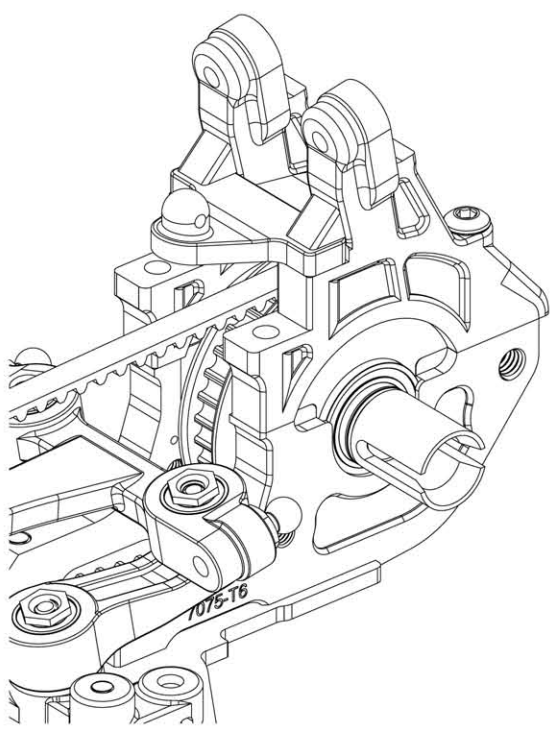
Step 15 A



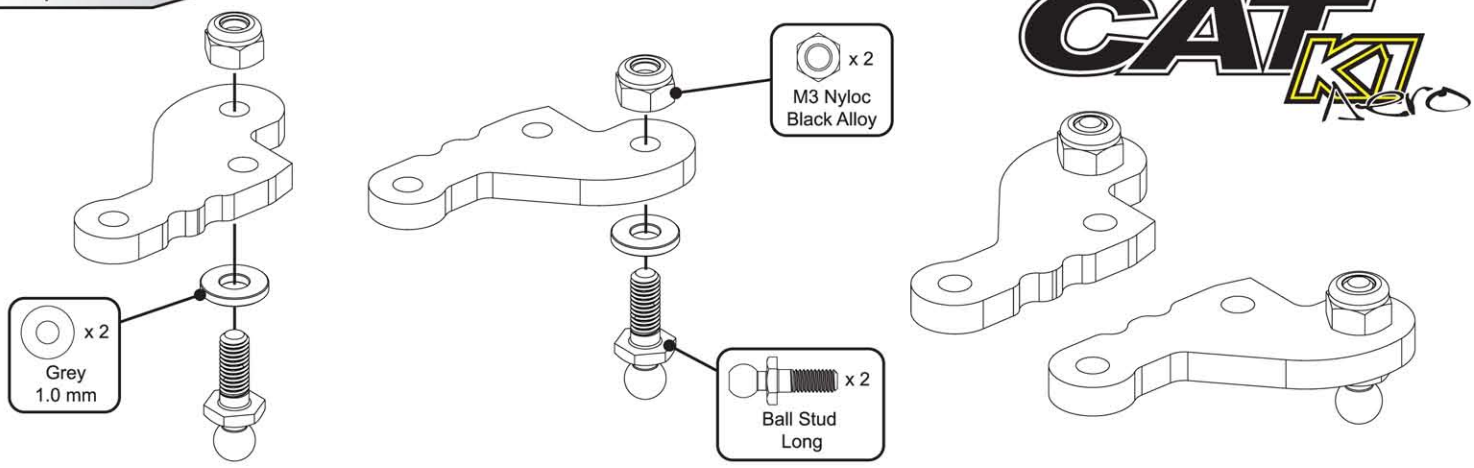


Step 15 B

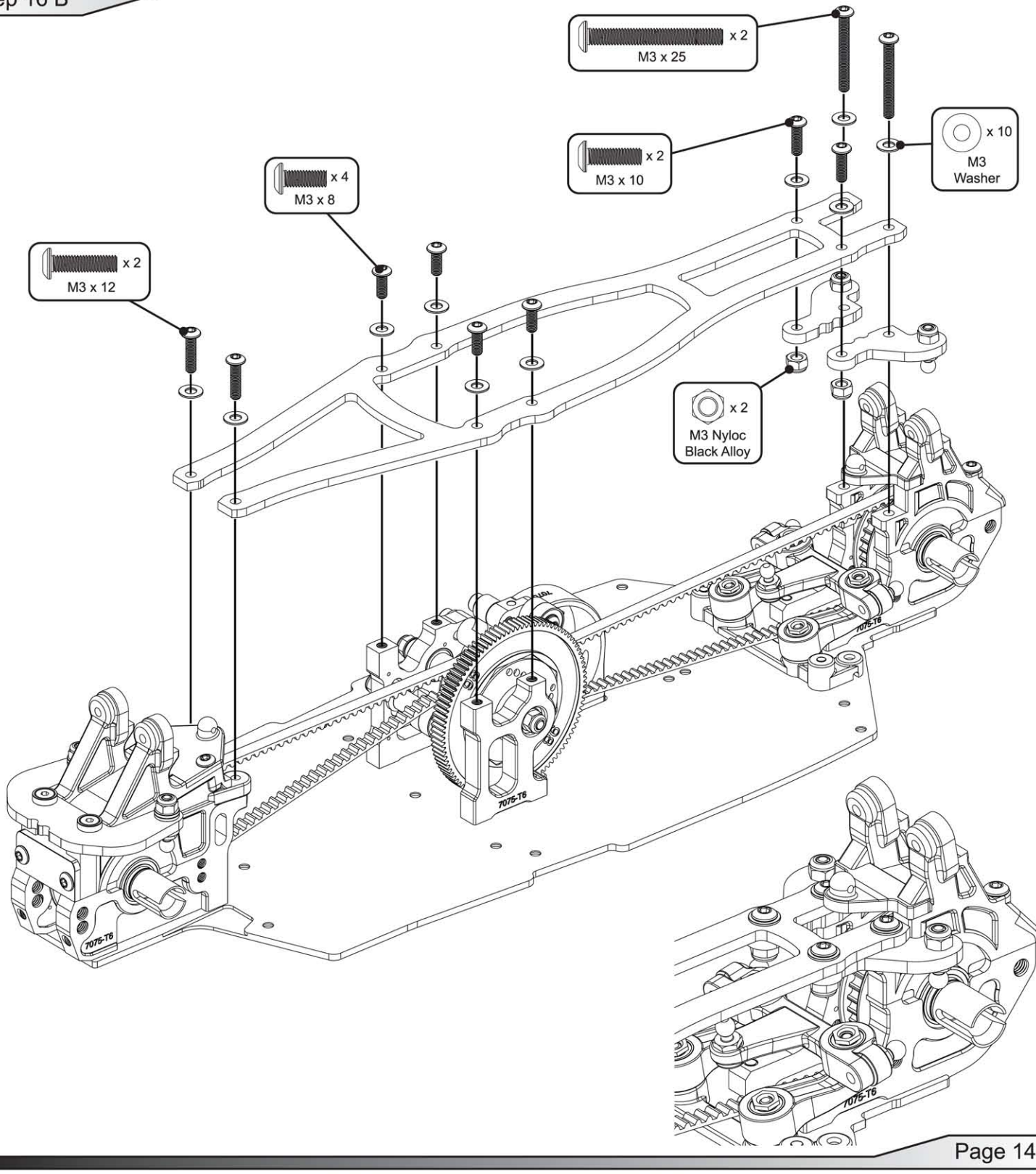




Step 16 A

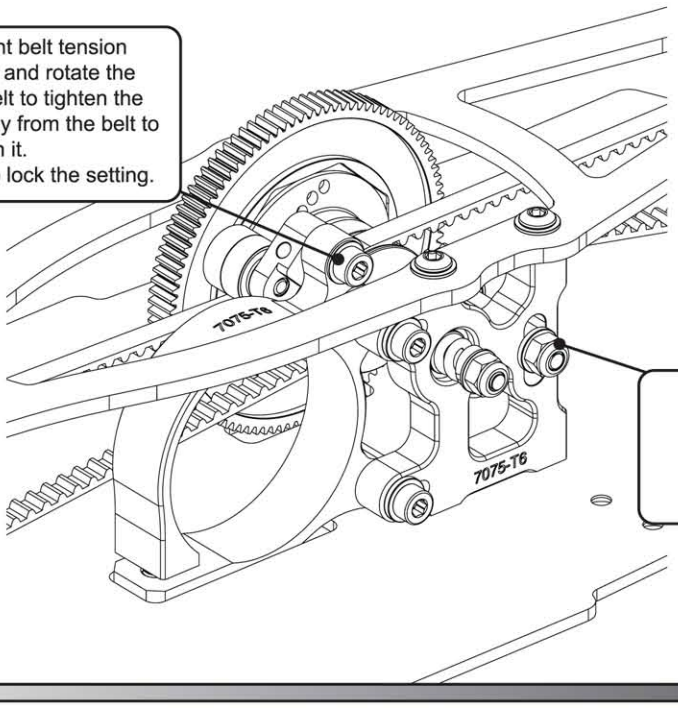


Step 16 B



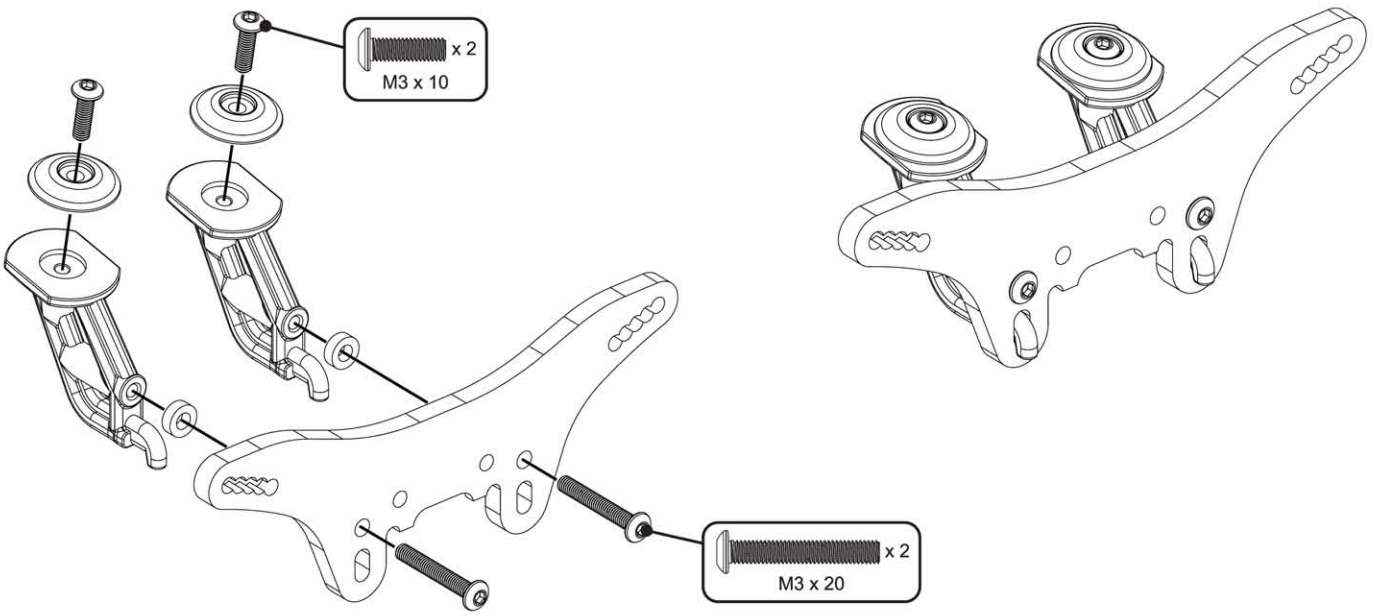
Step 16 C

To adjust the front belt tension loosen this screw and rotate the arm towards the belt to tighten the belt tension and away from the belt to loosen it.
Tighten the screw to lock the setting.

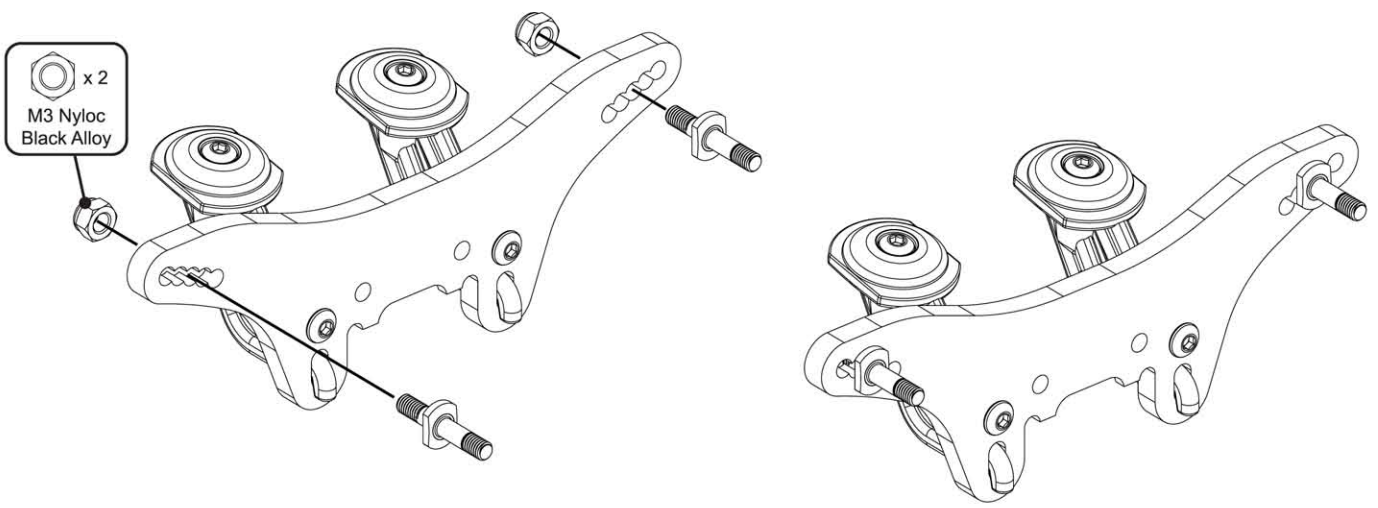


To adjust the rear belt tension
Loosen the nut.
Raise or lower the tensioner to adjust the belt tension.
Lock the setting with the nut.

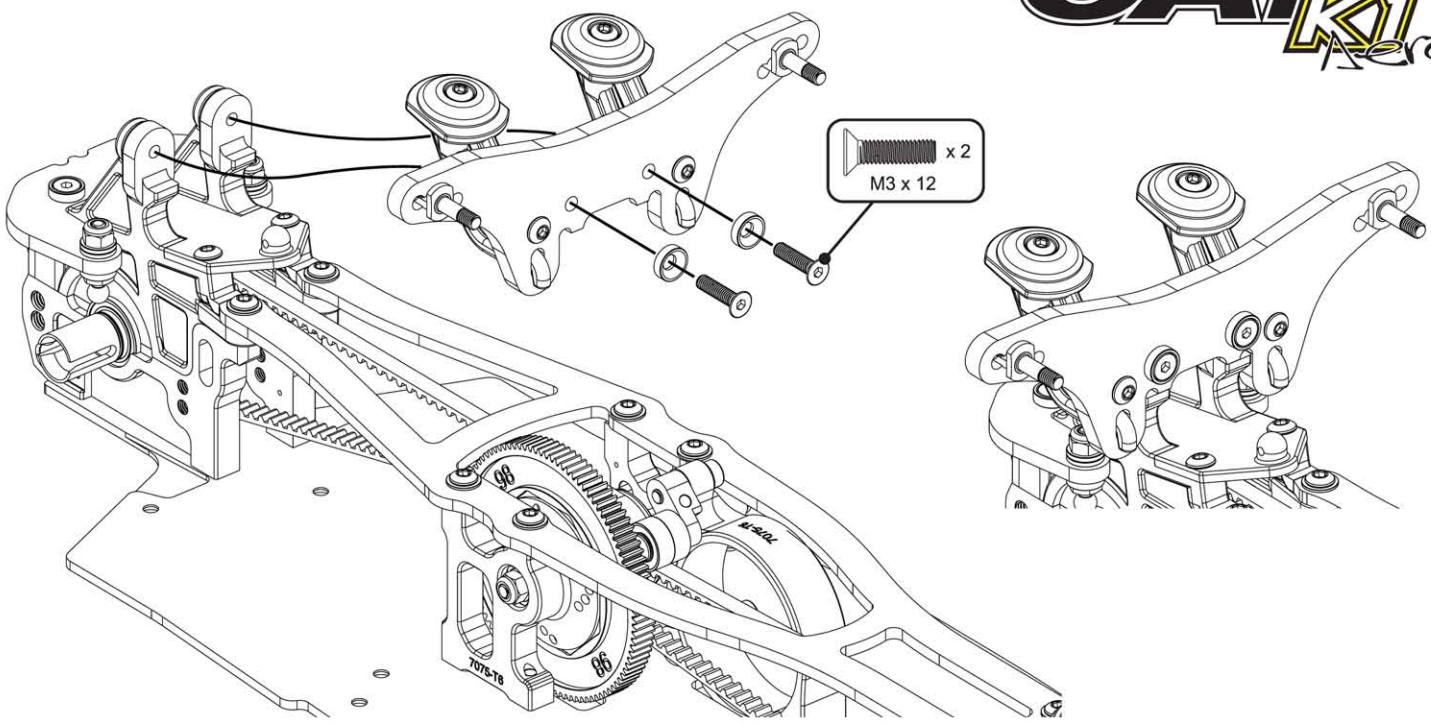
Step 17



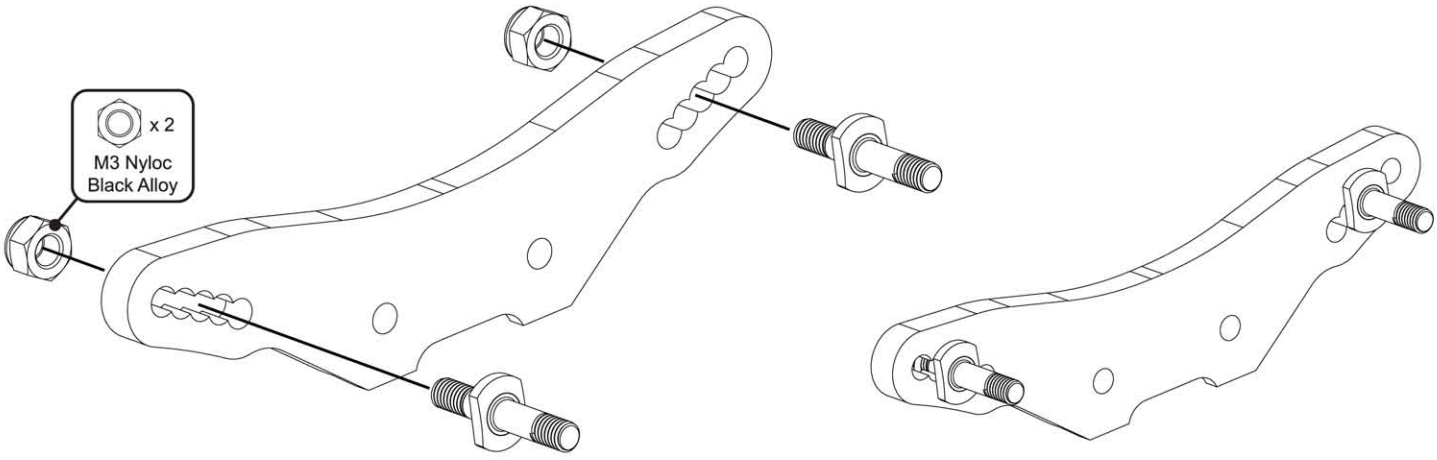
Step 18 A



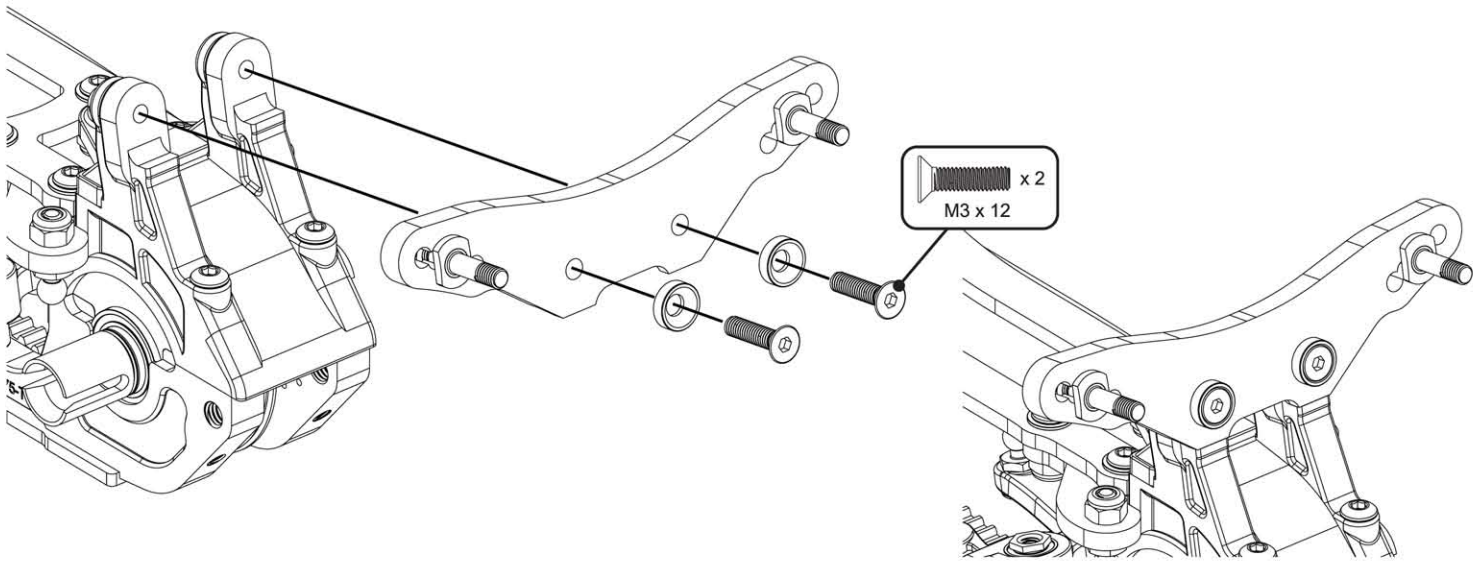
Step 18 B



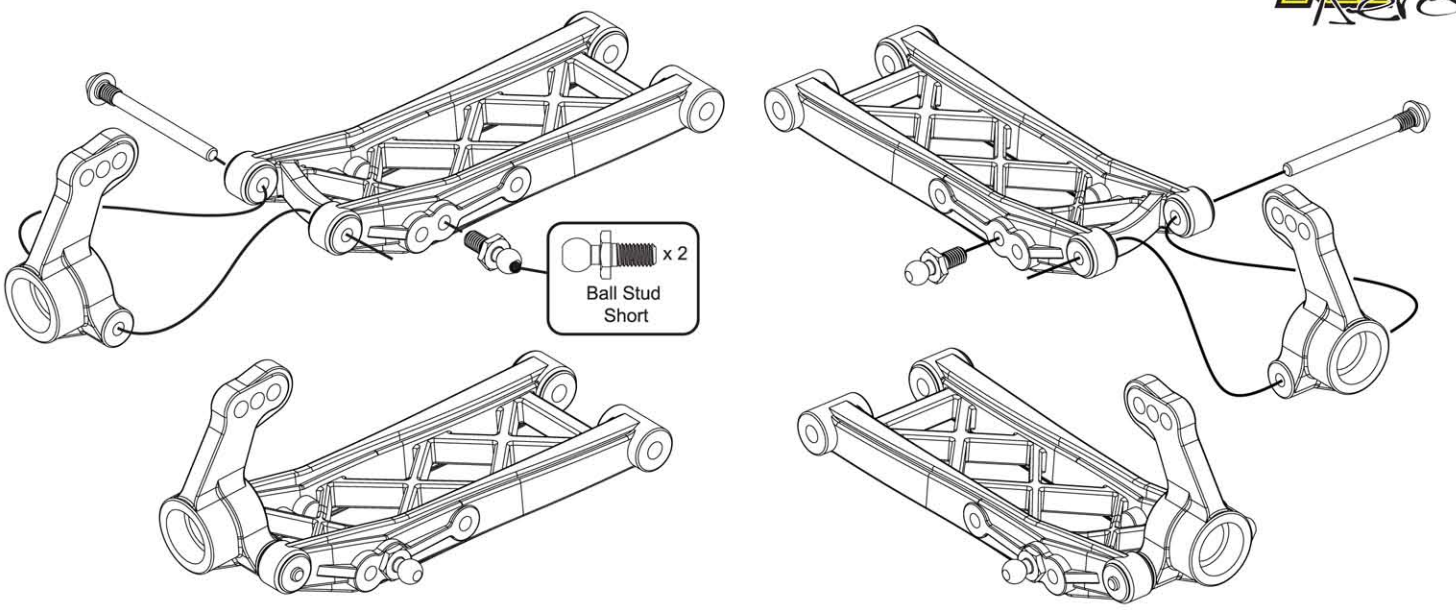
Step 19 A



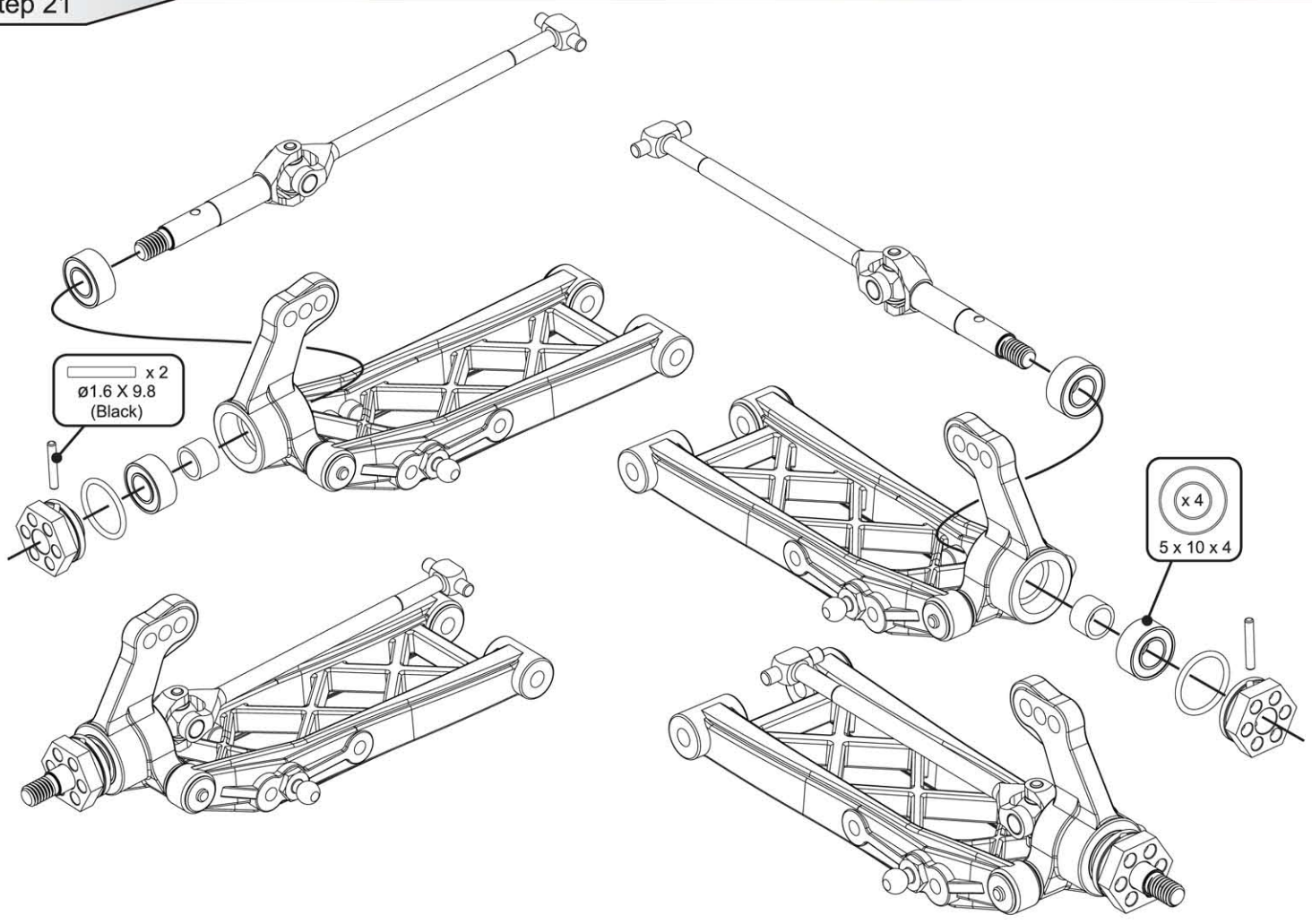
Step 19 B

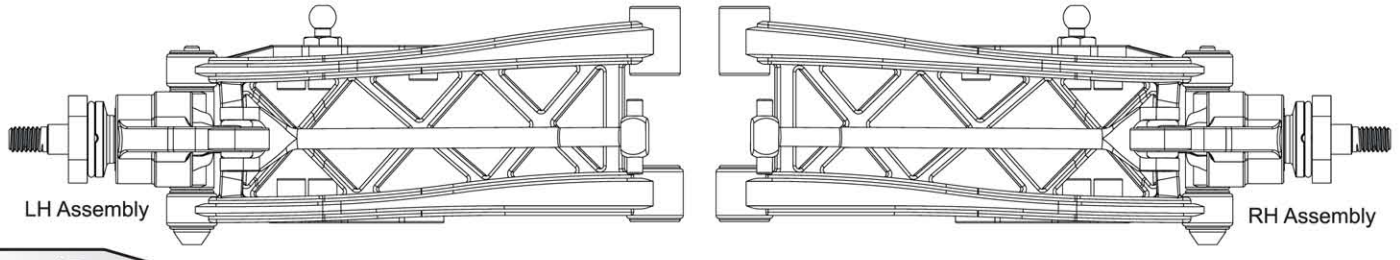


Step 20

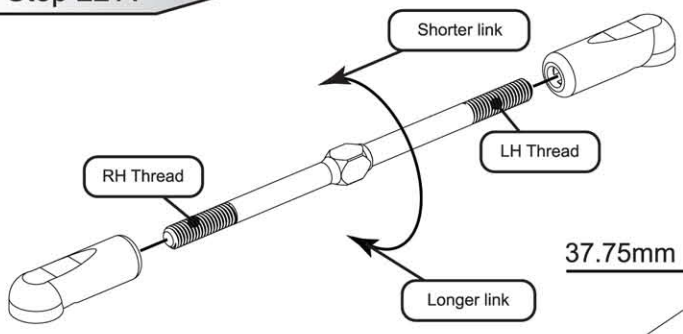


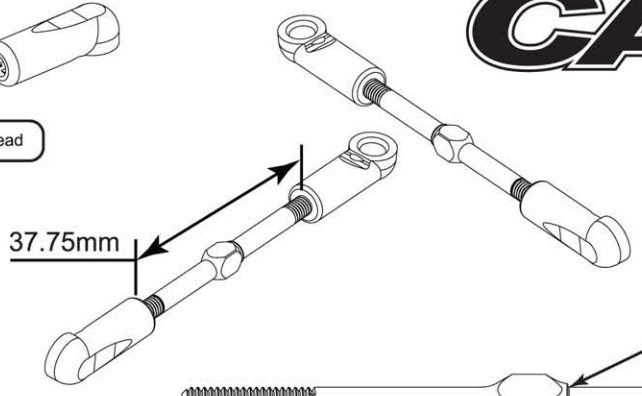
Step 21



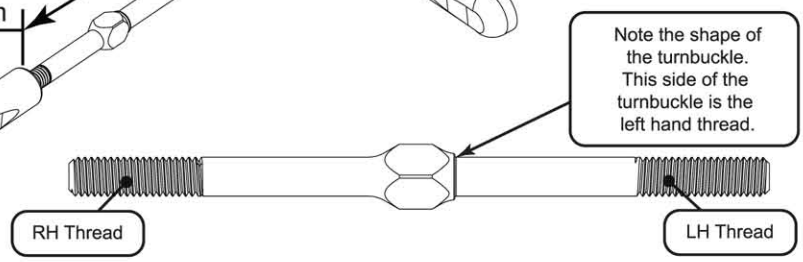


Step 22 A

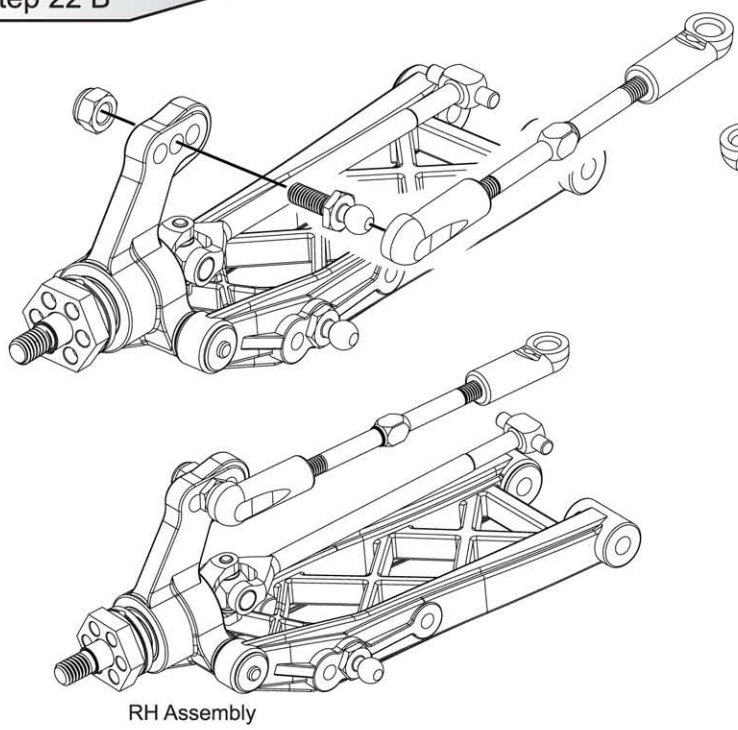


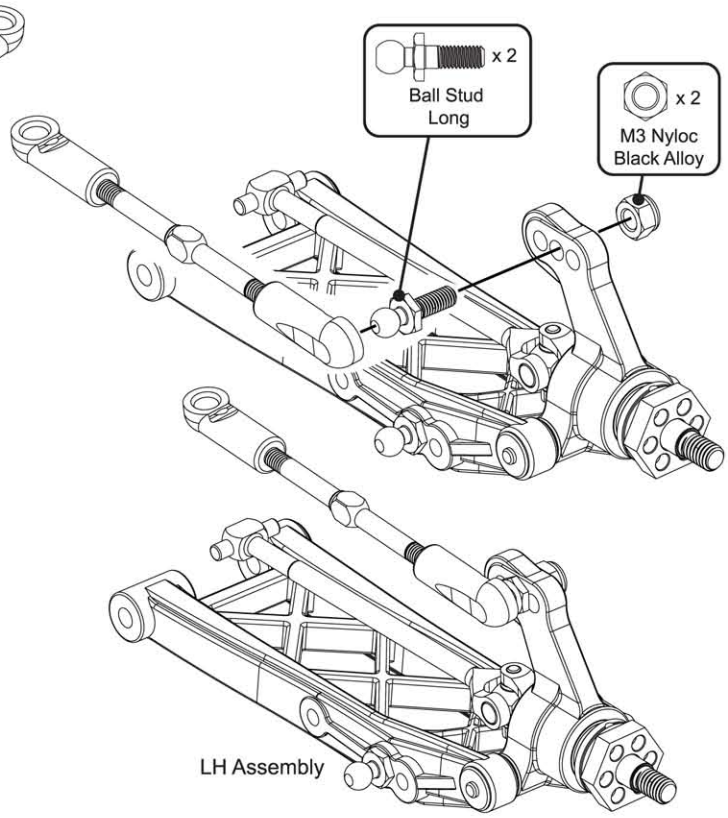


Carefully screw the sockets onto the turnbuckle until no threads are visible.
Then undo them to the desired length.
This allows for easier adjustment on the car.
(Greasing the threads will also help)

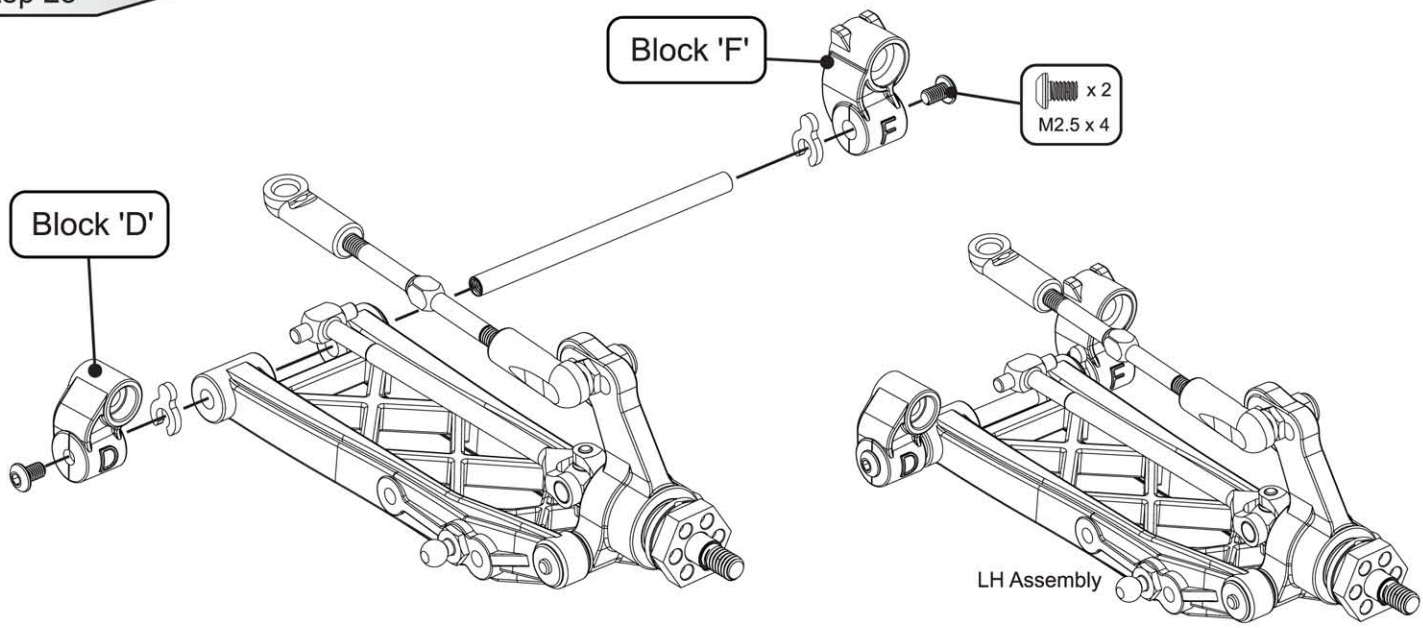


Step 22 B

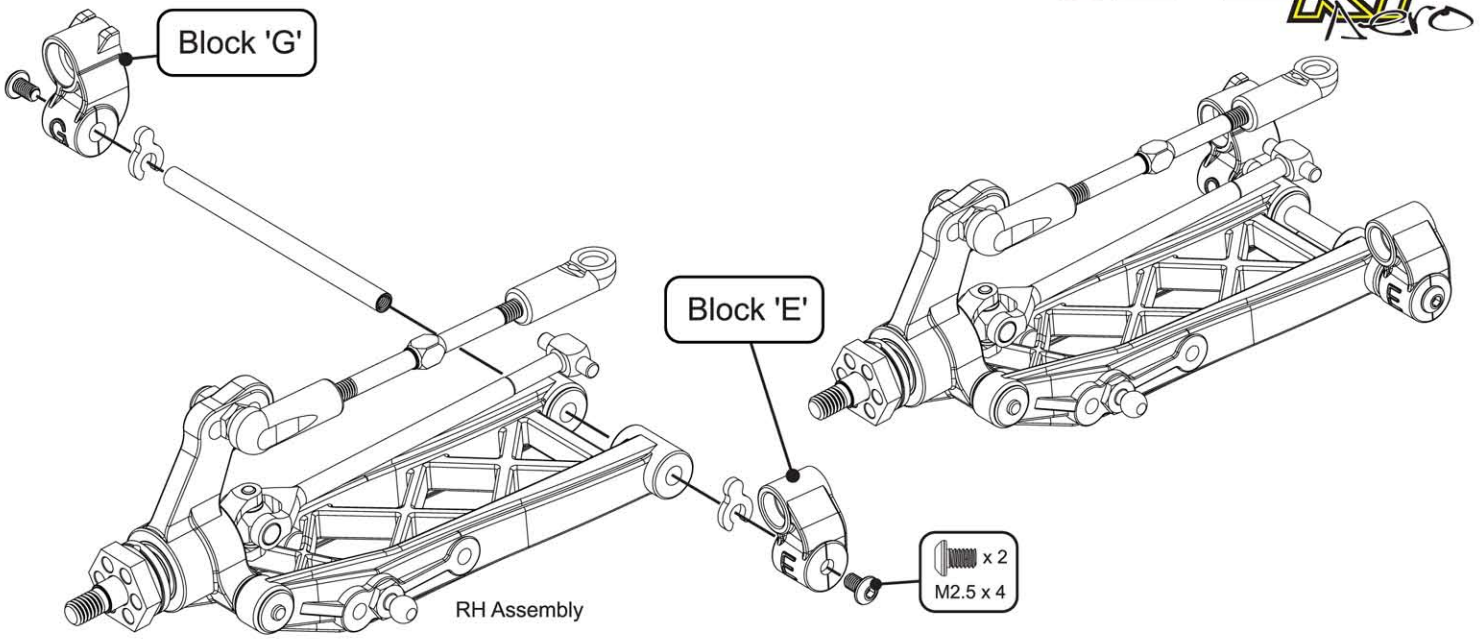




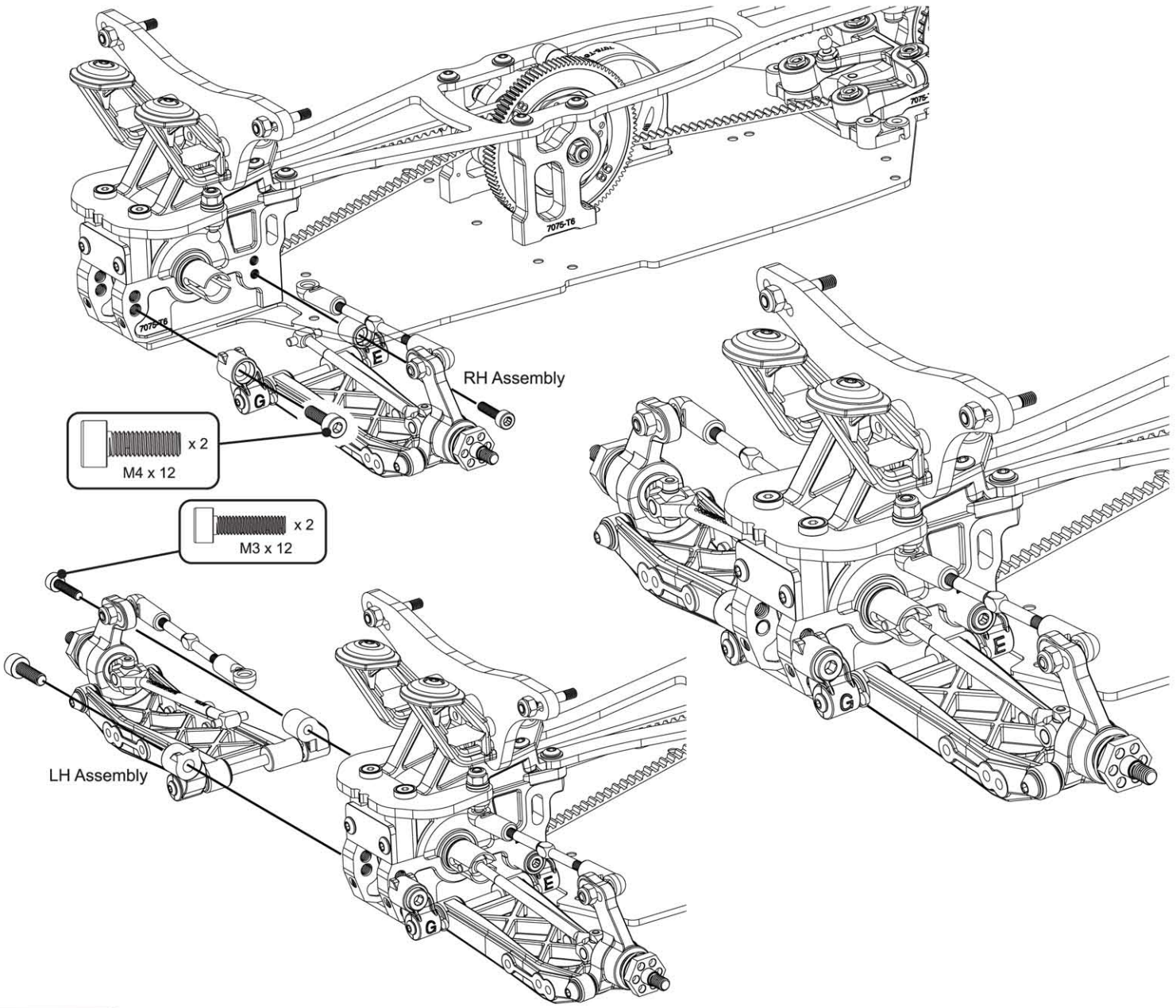
Step 23



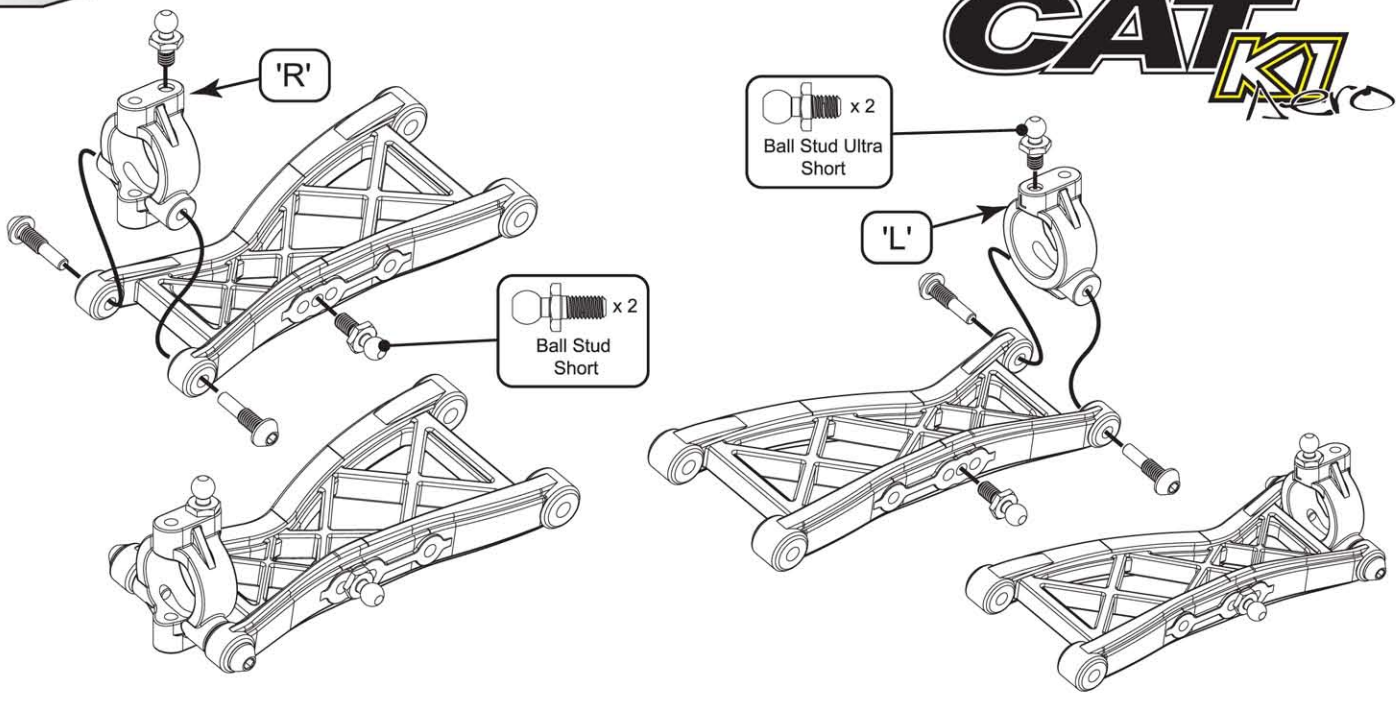
Step 24



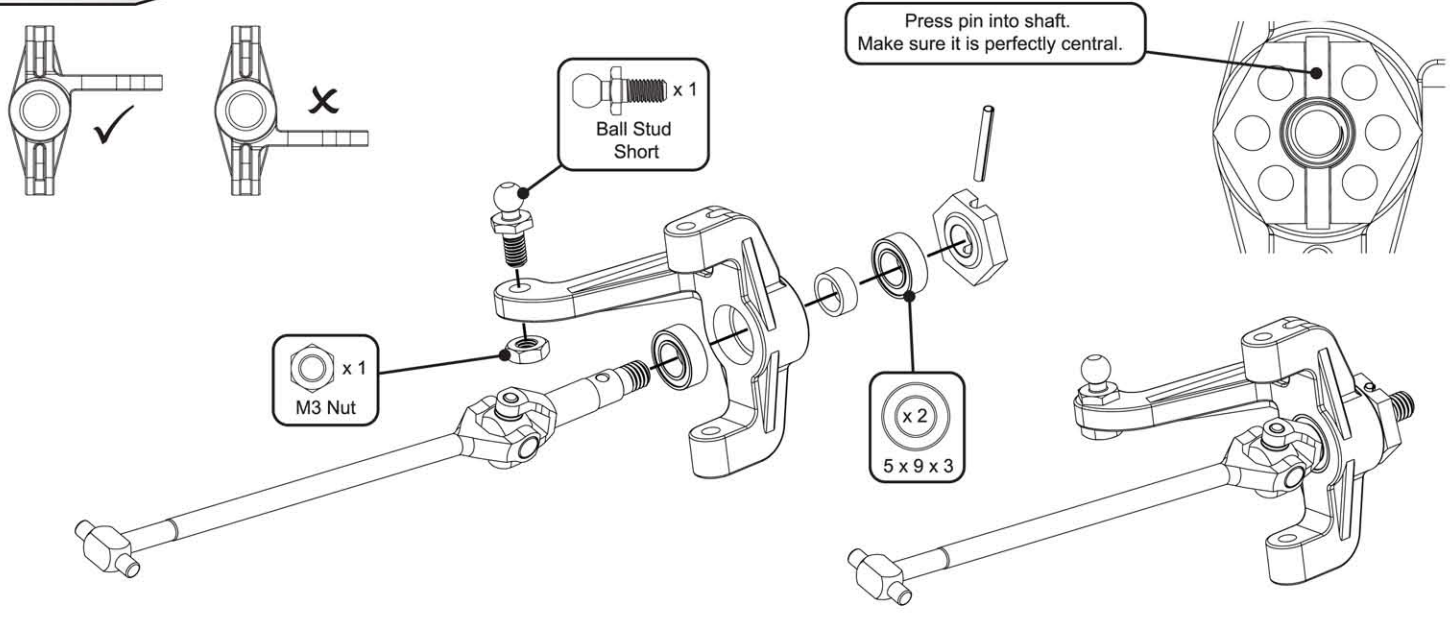
Step 25



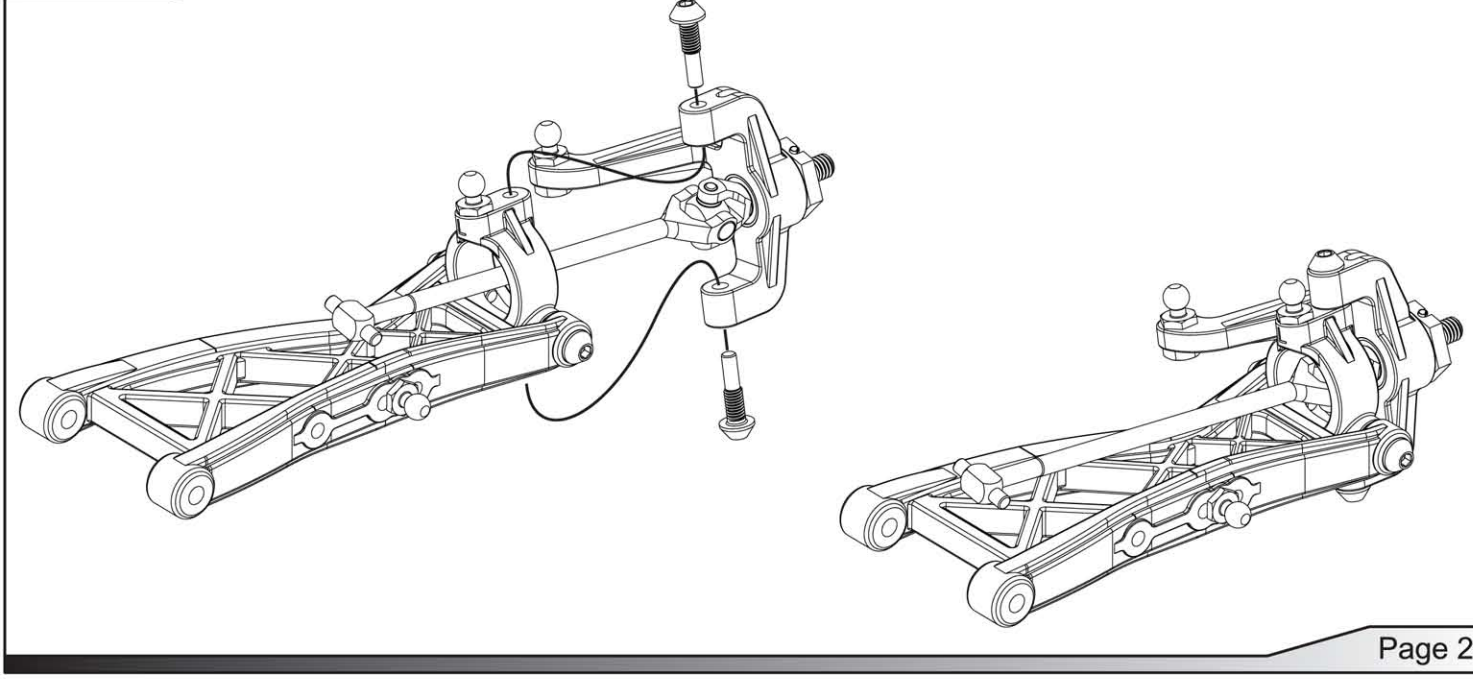
Step 26



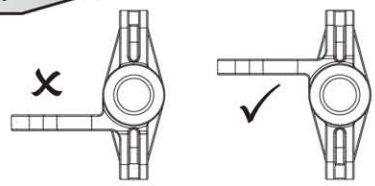
Step 27 A

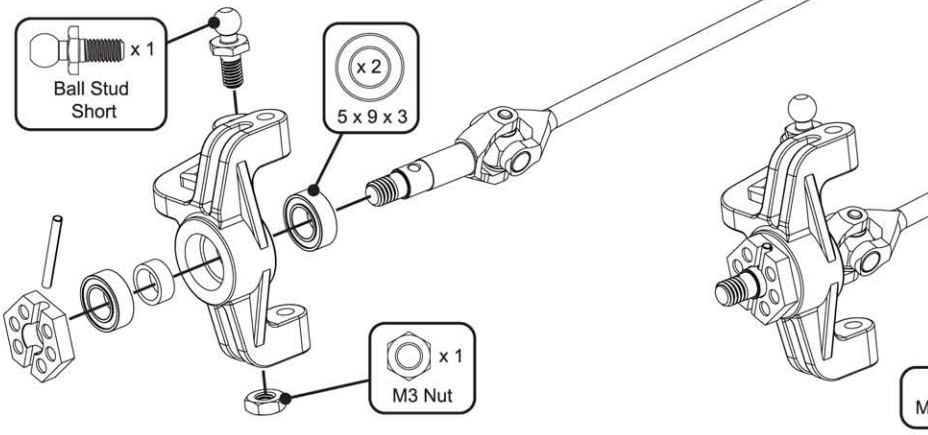


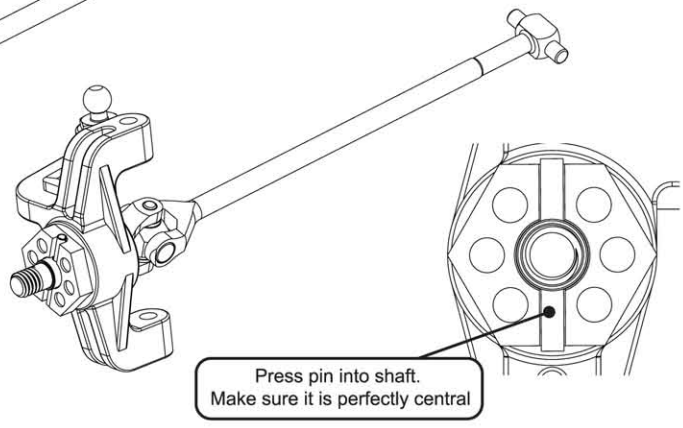
Step 27 B



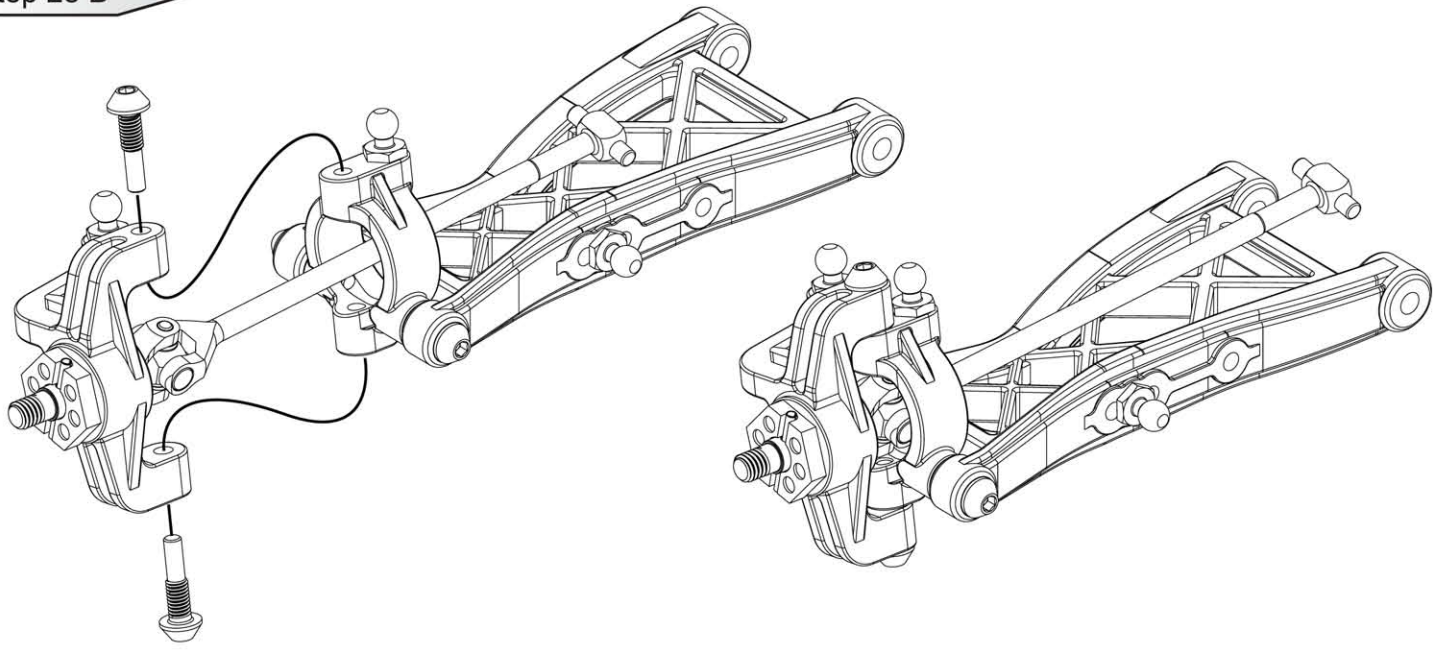
Step 28 A



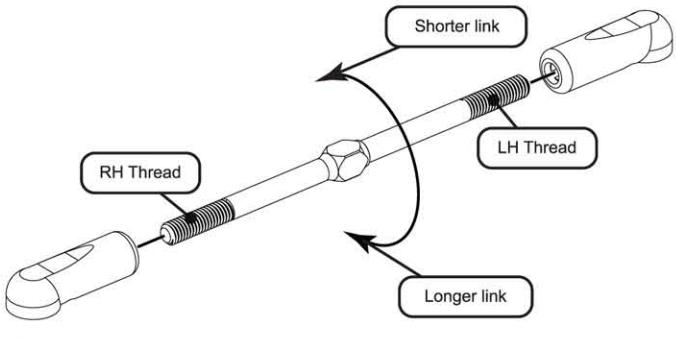


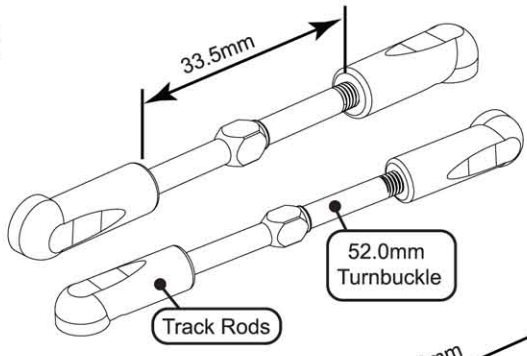


Step 28 B

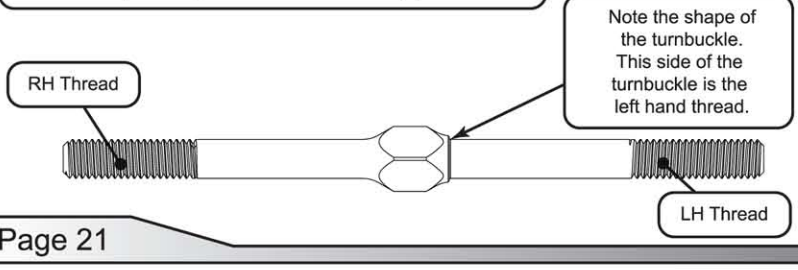


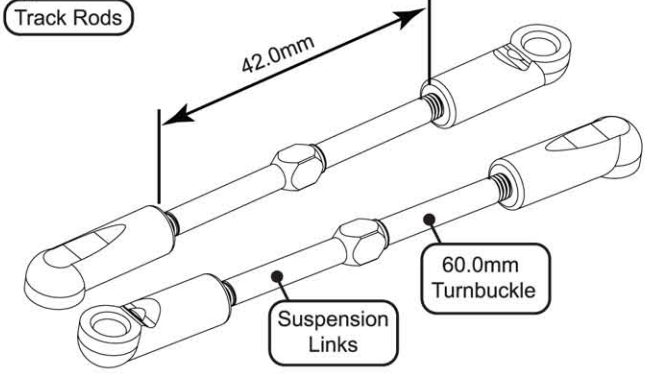
Step 29 A



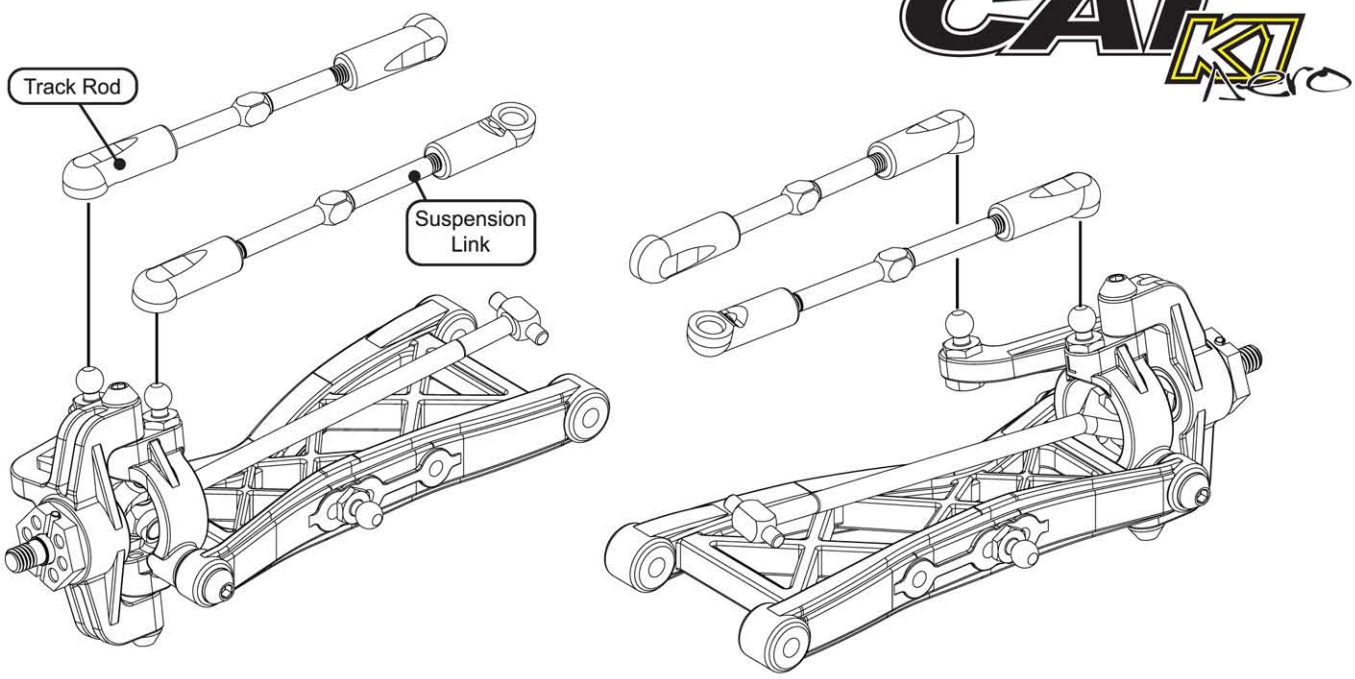


Carefully screw the sockets onto the turnbuckle until no threads are visible.
Then undo them to the desired length.
This allows for easier adjustment on the car.
(Greasing the threads will also help)

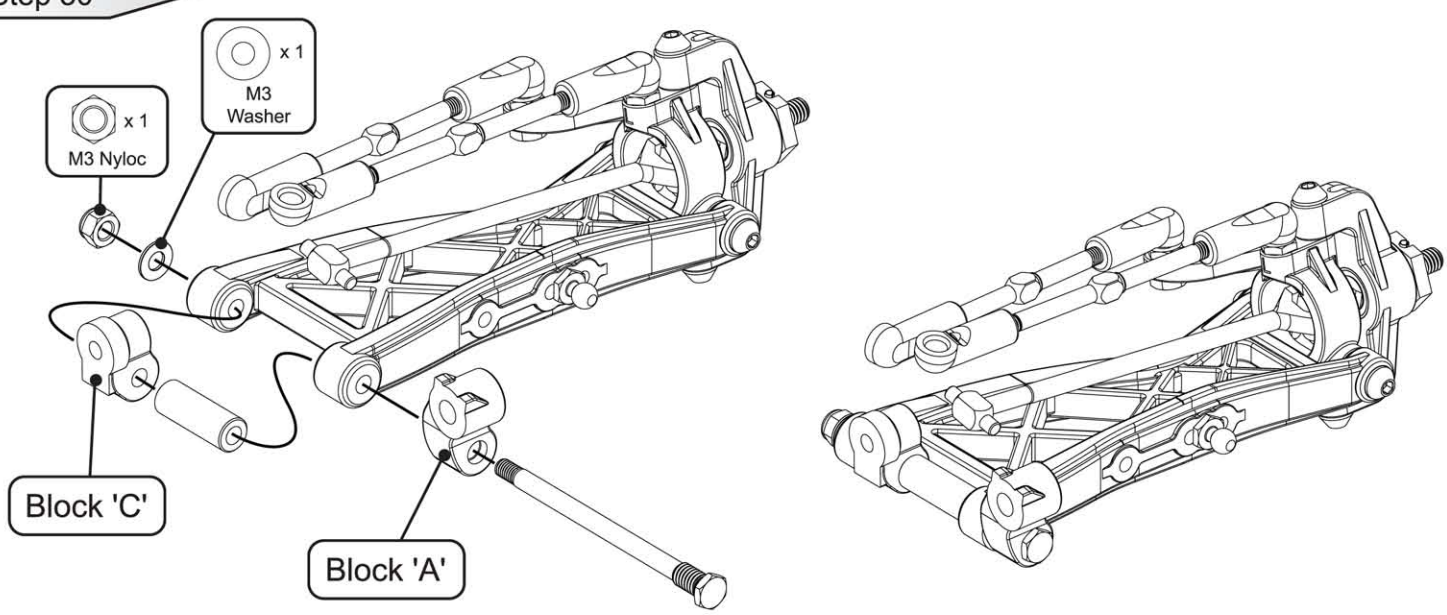




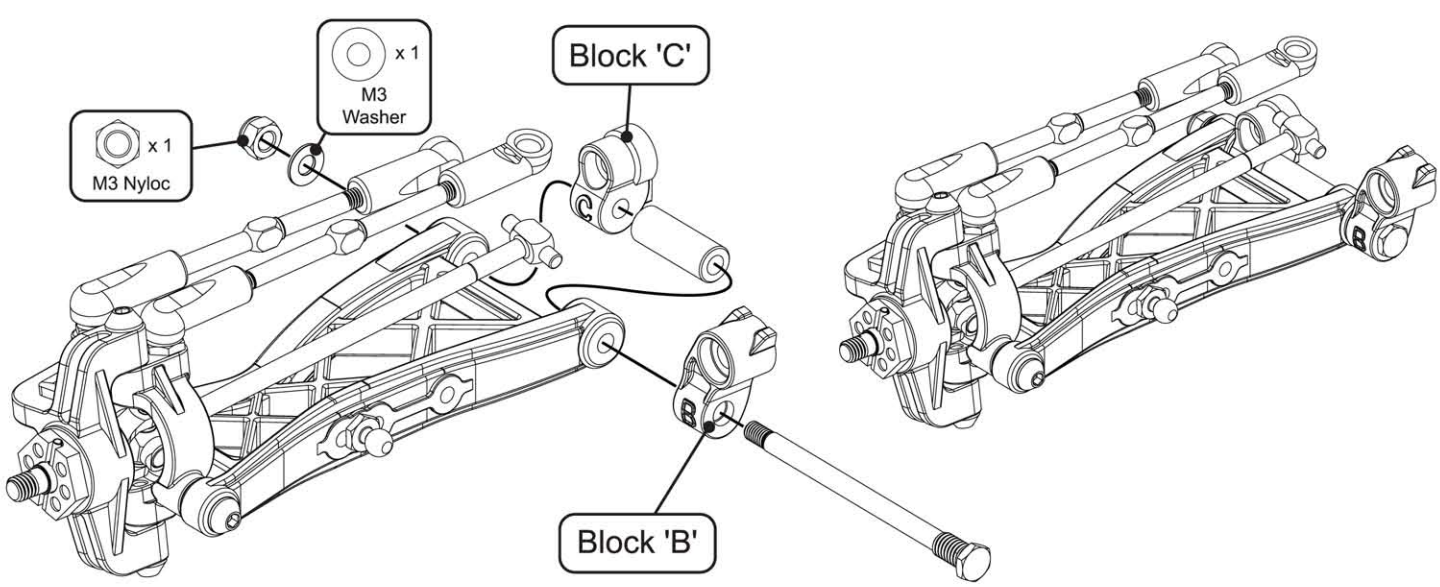
Step 29 B



Step 30



Step 31



ELECTRIC - OFF ROAD CARS

K147	CAT K1 Aero - C/F Kit
K149	Cat K1 Aero - C/F Kit Assembled

BODYSHELLS AND DECALS

U3478	Decal sheet - Schumacher and Racing-Cars.Com (pk3)
U4506	Decal Sheet - CAT K1 Aero pk2
U5113	Wing Talon Off Road - White
U5114	Wing Talon Off Road - Black
U5115	Wing Talon Off Road - Carbon Look
U5117	Talon Wing Clear - CAT K1
U5123	Bodyshell, Decals & Window Mask; Clear - CAT K1 Aero
U5124	Wing + End Plates - K1 Aero - Clear
U5125	Wing + End Plates - K1 Aero - Carbon

CHASSIS PARTS

U1042	Aerial Mount - Universal
U119	Aerial Tube - Pack 4
U122	Velcro 1/2metrex16mm.
U2231	Servo Horns
U2989	Ball Grippa Sockets - (pk 8)
U3850	Wing Mount Set - CAT SX3
U4137	Servo Mounts - CAT K1
U4138	C/F Link Mount; Rear 38mm Kit - CAT K1
U4139	C/F Link Mount; Front 38mm Kit - CAT K1
U4140	Moulded LiPo Spacer - CAT K1
U4141	Side Pods - CAT K1
U4142	Bumpers & Diff Covers - CAT K1
U4144	CF LiPo Straps & Adhesive Pads - CAT K1
U4146	Front Transmission Brace - CAT K1
U4471	LiPo Posts Front & Rear - Cougar KF - 1pr
U4476	C/F Rear shock Mount - Cougar KF
U4502	CF Chassis - CAT K1 Aero
U4503	CF Top Deck - CAT K1 Aero
U4504	Instruction Manual - CAT K1 Aero
U4505	C/F Front Shock Mount - CAT K1 Aero

SUSPENSION

U2251	Kwik Klip; 1/8x1.0 and 2.0mm
U3137	Shock Mounting Post - (pr)
U3299	Ball Grippa Joints; X-Long 4prs
U3300	Hub Carrier; Front - CAT SX pr
U3305	Pivot Pin; Screw Type 12mm pr
U3306	Pivot Pin; Screw Type 52mm pr
U3307	Pivot Pin; Threaded 1/8x50mm pr
U3311	Axle Spacers - 2prs
U3316	Yoke - CAT SX pr
U3407	Wishbone; Front Med Flex - CAT SX pr
U3479	Ball Grippa Sockets-Short (pk 8)
U3495	Ball Studs; Ultra Short - pk 4
U3496	Ball Studs; Short - pk 4
U3497	Ball Studs; Long - pk 4
U4036	Hub Carrier; Rear - Cat/Cougar pr
U4179	Pivot Pin; Screw Type 29mm pr
U4181	Wishbone Tube Black - K1 pr
U4182	Suspension Block Set - CAT K1
U4183	Steering Mouldings - CAT K1
U4184	Wishbones; Rear Med Flex- CAT K1 pr
U4221	Turnbuckle Adjuster HTT - 24mm - pr
U4224	Turnbuckle Adjuster HTT - 60mm - pr
U4299	Turnbuckle HT - Touring 52mm - pr
U4489	Nut Guard Rear - Cougar KF
U4497	Nut Gaurd Front - K1 Aero
U4501	Steering Pivots - CAT K1 Aero

TRANSMISSION

U2761	Diff Shims; 10x12 (pk8)
U3361	Roll Pins Set 2x3/8+4x1/2 - CAT SX
U3364	Slipper Pad; PTFE Octagon pr
U3599	Driveshafts; Front - CAT SX2 pr
U4106	Slipper Spring
U4174	Gear Diff Assembled - CAT K1 & KF
U4175	Gear Diff Mouldings - CAT K1
U4176	Gear Diff Gear Set - CAT K1
U4177	Gear Diff Rebuild Kit - CAT K1
U4178	Gear Diff Output - CAT K1
U4185	Gear; CNC 98T Spur - Slipper
U4186	Bando Belt 4mmx120T
U4187	Bando Belt 4mmx132T
U4189	Mounts; Upper Trans - CAT K1 set 4
U4190	Pulley; CNC Alloy 20T - CAT K1
U4191	Alloy Mount; Front LH Trans-CAT K1
U4192	Alloy Mount ; Front RH Trans-CAT K1
U4195	Driveshafts; Rear - CAT K1 pr
U4198	Front Tension Arm Set - CAT K1
U4200	Layshaft - CAT K1
U4201	Layshaft Spacer - CAT K1
U4202	Slipper Plate Inboard- CAT K1

TRANSMISSION Cont....

U4203	Slipper Plate Outboard- CAT K1
U4206	Alloy Motor Mount - CAT K1
U4207	Belt Spacer 20T - CAT K1
U4388	Alloy Wheel Hex Rear - Off Road - pr
U4463	Alloy Trans Rear Lower - LH - Cougar KF
U4464	Alloy Trans Rear Lower - RH - Cougar KF
U4488	12mm Hex Drive Pins - Off Road
U4498	Alloy Laymount LH - CAT K1 Aero
U4499	Alloy Laymount RH - CAT K1 Aero
U4500	Rear Idler Post - CAT K1 Aero
U4507	Alloy Wheel Hex Front - CAT K1 Aero - pr

BEARINGS AND BALLS

G200	ZX1 - Microlube
H1031	Bearing Blaster Aerosol 500ml
U1300	Axle Grease - Pot
U1301	Silicone Diff Lube - Pot
U1957	Moly Grease - Pot
U2698	Ball Bearing - 5x10x4 Red Sealed (pr)
U2699	Ball Bearing - 10x15x4 Red Sealed (pr)
U3075	Ball Bearing 4x8x3mm Red Sealed (pr)
U3136	Ball Bearing - 5x8x2.5 - Shielded (pr)
U3871	Ball Bearing 5x9x3 Red Seal (pr)

BIG BORE SHOCK ABSORBERS

U3664	Big Bore Shock Cap (Purple); Off Road - pr
U3665	Big Bore Shock Seal Housing (Purple) - pr
U3666	Big Bore Shock Adjusting Collar (Gold) - pr
U3667	Big Bore Shock; Seal Rebuild Kit - Off Rd pr
U3668	Big Bore Shock Rods; Med pr
U3669	Big Bore Shock Rods; Long pr
U3670	Big Bore Shock; 2 Hole Pistons pr
U3671	Big Bore Shock; 4 Hole Pistons pr
U3672	Big Bore Shock; 6 Hole Pistons pr
U3770	Big Bore Rounded Pistons; 3 Hole pr
U3771	Big Bore Rounded Pistons; 5 Hole pr
U3782	HD Diaphragm Big Bore - pk4
U3937	Shock Mouldings
U4110	Off Road Shock O Ring 1/8 Silicone Pk 8
U4209	Vented Shock Caps - Big Bore - (pr)
U4285	Pro Shock Seal Blue - On Road - pk8
U4369	Big Bore Seal Pack Housing (Black) - pr
U4370	Big Bore Shock Cap (Black) - pr
U4371	Big Bore Shock Adjusting Collar (Black) - pr
U4451	Big Bore Shock Collar O-ring - pk4
U4490	Big Bore Shock Body Med V2 pr
U4491	Big Bore Shock Body Long V2 pr
U4492	Big Bore Shocks Med V2 Assembled
U4493	Big Bore Shocks Long V2 Assembled

BIG BORE SPRINGS

U3673	Big Bore Spring Tuning Set; Med 7prs
U3674	Big Bore Spring Tuning Set; Long 6prs
U3675	Big Bore Spring; Med - 2.0 pr
U3676	Big Bore Spring; Med - 2.5 pr
U3677	Big Bore Spring; Med - 3.0 pr
U3678	Big Bore Spring; Med - 3.5 pr
U3679	Big Bore Spring; Med - 4.0 pr
U3680	Big Bore Spring; Med - 4.5 pr
U3681	Big Bore Spring; Med - 5.0 pr
U3682	Big Bore Spring; Long - 1.6 pr
U3683	Big Bore Spring; Long - 2.0 pr
U3684	Big Bore Spring; Long - 2.5 pr
U3685	Big Bore Spring; Long - 3.0 pr
U3686	Big Bore Spring; Long - 3.5 pr
U3687	Big Bore Spring; Long - 4.0 pr

CORE BIG BORE SPRINGS

CR177	CORE RC Big Bore Spring Tuning Set; Med - 5pr
CR178	CORE RC Big Bore Spring Tuning Set; Long - 5pr
CR179	CORE RC Big Bore Spring; Med - 2.8 - pr
CR180	CORE RC Big Bore Spring; Med - 3.1 - pr
CR181	CORE RC Big Bore Spring; Med - 3.4 - pr
CR182	CORE RC Big Bore Spring; Med - 3.7 - pr
CR183	CORE RC Big Bore Spring; Med - 4.0 - pr
CR184	CORE RC Big Bore Spring; Long - 1.8 - pr
CR185	CORE RC Big Bore Spring; Long - 2.0 - pr
CR186	CORE RC Big Bore Spring; Long - 2.2 - pr
CR187	CORE RC Big Bore Spring; Long - 2.4 - pr
CR188	CORE RC Big Bore Spring; Long - 2.6 - pr
CR190	CORE RC Spring Seat - Big Bore to 13mm - pk4
CR191	CORE RC Spring Seat - Big Bore to 14mm -pk4

SMALL BORE SHOCK ABSORBERS

U2994	Violet Shock Adjuster (Small Bore Springs) (pr)
U2999	Small Bore Shock Seal Rebuild Kit

SMALL BORE SHOCK ABSORBERS Cont....

U3317	Small Bore Shock Body (Front) - Off Road - pr
U3318	Small Bore Shock Body (Rear) - Off Road - pr
U3319	Small Bore Piston 2 Hole (CNC) - Off Road - pr
U3320	Small Bore Piston 3 Hole (CNC) - Off Road - pr
U3321	Small Bore Shock Rod (Front) - Off Road - pr
U3322	Small Bore Shock Rod (Rear) - Off Road - pr
U3323	Small Bore Shock Seal Hsg (Black) - Off Road - pr
U3324	Small Bore Shock Top Cap (Purple) - Off Road - pr
U4125	Small Bore Taper Piston 1.2mm - White pr
U4126	Small Bore Taper Piston 1.3mm - Black pr
U4127	Small Bore Taper Piston 1.4mm - Red pr
U4130	Vented Shock Caps - Small Bore - (Pr)
U4149	Small Bore Adjuster - Big Bore Springs - pr
U4150	Small Bore Shock Seal Hsg (Black) - Off Road - pr
U4151	Small Bore Shock Top Cap (Black) - Off Road pr
U4152	Small Bore Shocks; Fr Off Road - Assembled
U4153	Small Bore Shocks; Rr Off Road - Assembled

SHOCK AND DIFF OIL

CR200	CORE RC Silicone Oil - 100cSt - 60ml
CR201	CORE RC Silicone Oil - 150cSt - 60ml
CR202	CORE RC Silicone Oil - 200cSt - 60ml
CR203	CORE RC Silicone Oil - 250cSt - 60ml
CR204	CORE RC Silicone Oil - 300cSt - 60ml
CR205	CORE RC Silicone Oil - 350cSt - 60ml
CR206	CORE RC Silicone Oil - 400cSt - 60ml
CR207	CORE RC Silicone Oil - 450cSt - 60ml
CR208	CORE RC Silicone Oil - 500cSt - 60ml
CR209	CORE RC Silicone Oil - 550cSt - 60ml
CR210	CORE RC Silicone Oil - 600cSt - 60ml
CR211	CORE RC Silicone Oil - 700cSt - 60ml
CR212	CORE RC Silicone Oil - 800cSt - 60ml
CR213	CORE RC Silicone Oil - 900cSt - 60ml
CR214	CORE RC Silicone Oil - 1000cSt - 60ml
CR215	CORE RC Silicone Oil - 1300cSt - 60ml
CR216	CORE RC Silicone Oil - 2000cSt - 60ml
CR217	CORE RC Silicone Oil - 3000cSt - 60ml
CR218	CORE RC Silicone Oil - 4000cSt - 60ml
CR219	CORE RC Silicone Oil - 5000cSt - 60ml
CR220	CORE RC Silicone Oil - 6000cSt - 60ml
CR221	CORE RC Silicone Oil - 7000cSt - 60ml
CR222	CORE RC Silicone Oil - 10000cSt - 60ml
CR223	CORE RC Silicone Oil - 20000cSt - 60ml
CR224	CORE RC Silicone Oil - 30000cSt - 60ml
CR225	CORE RC Silicone Oil - 40000cSt - 60ml
CR226	CORE RC Silicone Oil - 50000cSt - 60ml
CR227	CORE RC Silicone Oil - 100000cSt - 60ml
CR228	CORE RC Silicone Oil - 300000cSt - 60ml
CR229	CORE RC Silicone Oil - 12000cSt - 60ml
CR230	CORE RC Silicone Oil - 15000cSt - 60ml
G010	Pure Silicone Shock Oil - 10w
G015	Pure Silicone Shock Oil - 15w
G020	Pure Silicone Shock Oil - 20w
G025	Pure Silicone Shock Oil - 25w
G030	Pure Silicone Shock Oil - 30w
G035	Pure Silicone Shock Oil - 35w
G040	Pure Silicone Shock Oil - 40w
G045	Pure Silicone Shock Oil - 45w
G050	Pure Silicone Shock Oil - 50w
MR33-OIL	MR33 Oil Bag L260 x W160 x H180mm

SPEED PACKS

CR024	CORE RC - Serrated M4 Steel Wheel Nut pk4
CR035	CORE RC - Serrated Alloy M4 Nuts; Blue pk 4
CR036	CORE RC - Serrated Alloy M4 Nuts; Violet pk 4
CR060	Small Body Clip 1/10 - Gloss Black (8)
CR061	Small Body Clip 1/10 - Silver (8)
CR062	Small Body Clip 1/10 - Gold (8)
CR063	Small Body Clip 1/10 - Fluorescent Yellow (8)
CR064	Small Body Clip 1/10 - Fluorescent Green (8)
CR065	Small Body Clip 1/10 - Fluorescent Red (8)
CR066	Small Body Clip 1/10 - Metallic Green (8)
CR067	Small Body Clip 1/10 - Metallic Red (8)
CR068	Small Body Clip 1/10 - Metallic Blue (8)
CR069	Small Body Clip 1/10 - Metallic Purple (8)
CR196	Core RC - Serrated Alloy M4 Nuts - Black - pk4
U1544	SPEED PACK - Short M3; Cap Hd
U1545	SPEED PACK - M3 Cap Hd 16;20mm
U1547	SPEED PACK - M3 Nuts
U1548	SPEED PACK - M3 Washers
U1550	SPEED PACK - Socket Wrenches (pk3)
U1551	SPEED PACK - E Clips -2 x 8pcs
U1552	SPEED PACK - R Clips
U1606	SPEED PACK - Servo Tape - 30pk
U1633	SPEED PACK - Small Pins (pk)

SPEED PACKS Cont....

U1960	SPEED PACK - O Rings; Various
U2128	SPEED PACK - Grub-Set Screws M3 M4
U2187	SPEED PACK - M3 Nyloc Nut - Purple Alloy (pk8)
U2356	SPEED PACK - M3x16-30 Csk Screws (pk12)
U2631	SPEED PACK - Circlips Various 15 pcs
U2760	SPEED PACK - M3 Button Hd; 4 to 20
U2856	SPEED PACK - Sticky Cable Clips (pk10)
U2857	SPEED PACK - Small Cable Ties (pk25)
U2988	SPEED PACK - M3 Csk Washers - Purple Alloy (pk10)
U3022	SPEED PACK - M3x8 Csk Allen Hi-T
U3023	SPEED PACK - M3x10 Csk Allen Hi-T
U3024	SPEED PACK - M3x12 Csk - M3 x 10 Button Screws
U3131	SPEED PACK - Alloy Spacers M3x7mm 0.5;1;2mm (pk18)
U3168	SPEED PACK - M2.5/M2.6 Screws
U3524	SPEED PACK - M4x8 Csk Hi Tensile (4)
U3583	SPEED PACK - M4x12 Cap Hd pk 8
U3584	SPEED PACK - Alloy Spacers M4x9mm 0.5;1;2mm (pk10)
U3938	SPEED PACK - Black nylon washer 2mm (pk 10)
U4124	SPEED PACK - Shims 5 x 7 x 0.4mm - pk6
U4154	SPEED PACK - M4x20 Cap Hd (4 pcs)
U4155	SPEED PACK - M3 Csk Washers - Black Alloy (pk10)
U4157	SPEED PACK - M3 x 25 Button Hd (4 pcs)
U4210	SPEED PACK - Pinion Grub Screw Set pk10
U4230	M3 x 6mm Alloy Button Head Screws pk10
U4231	M3 x 8mm Alloy Button Head Screws pk10
U4232	M3 x 10mm Alloy Button Head Screws pk10
U4233	M3 x 12mm Alloy Button Head Screws pk10
U4234	M3 x 6mm Alloy Csk Screws pk10
U4235	M3 x 8mm Alloy Csk Screws pk10
U4236	M3 x 10mm Alloy Csk Screws pk10
U4237	M3 x 12mm Alloy Csk Screws pk10
U4238	M3 x 16mm Alloy Csk Screws pk10
U4241	SPEED PACK - M3 Alloy Nyloc Nuts - Black - pk10
U4314	SPEED PACK - Alloy Black Washers - Mi5 - 16pc
U4351	SPEED PACK - Shims 3.2x6x0.1mm - pk8

SPEED SECRET - OPTION PARTS

G885	Cross Joint Set for version 2 CV Shaft
S500B	Schumacher BANNER 6x3ft
U1573	Titanium Turnbuckle; purple - 53mm (pr)
U1574	Titanium Turnbuckle; purple - 60mm (pr)
U1954	Pro - Thrust Bearing
U2053	Titanium Turnbuckle; purple - 25mm (pr)
U3019	Diff Balls; Ceramic Nitride 2.5mm (pk12)
U3304	Pivot Block; Front - CAT SX pr
U3313	Tube; Wishbone - Purple - CAT SX pr
U3404	Alloy Yoke; 7.5deg - CAT SX (pr)
U3490	Alloy Servo Mounts Purple
U3499	Roll Bar Blocks - Mi4 pk4
U3500	Pro-Ball Socket; Black - pk 8
U3556	Pivot Block M4; Front 10 degree - CAT SX pr
U3597	Wishbones; Front - Stiff -CAT SX2 pr
U3605	Alloy Rear Hubs; 1 deg - CAT/Cougar SV
U3611	Alloy Spring Seat - All shock types pr
U3852	Diff Output; Male - CAT SX3
U3853	Diff Output; Female - CAT SX3
U3854	Diff Screw Set; HD
U3855	Ball Bearing 5x10x3 Open (pr)
U4133	FAB Front Adjustable Brake Set - CAT-K1
U4147	Alloy Chassis - CAT K1
U4158	M4 x12 Alloy Cap Hd Purple (4 pcs)
U4160	Rear Alloy Block Conversion Set - CAT K1
U4162	Centre Track Rod; CNC Alloy - CAT K1
U4163	Gear; CNC 95TSpur - Slipper
U4164	Alloy Mount; Front Upper Trans - CAT K1 (pr)
U4165	Roll Bar Set - Front - CAT K1 set 4
U4166	Wishbones; Rear Stiff - CAT K1 (pr)
U4167	C/F Link Mount; Front 33.50mm - CAT K1
U4168	C/F Link Mount; Front 42.50mm - CAT K1
U4169	C/F Link Mount; Rear 33.50mm - CAT K1
U4170	C/F Link Mount; Rear 42.50mm - CAT K1
U4171	Alloy Mount; Rear Upper - CAT K1 & Cougar KF pr
U4172	Roll Bar Set - Rear - CAT K1- Set 4
U4173	True C.V. Driveshaft; Front - CAT pr
U4196	Diff Pulley & Fences - CAT K1
U4199	Diff HD - Assembled - CAT K1
U4216	S1 Chassis - CAT-K1
U4217	Vented Shock Cap Service Kit-Small/Big Bore pr

SPEED SECRET - OPTION PARTS Cont....

U4273	Pro Ball Stud Ultra Short - pk4
U4274	Pro Ball Stud Short - pk4
U4275	Pro Ball Stud Long - pk4
U4327	Alloy Servo Mount Black - K1/Mi5
U4345	FAB Layshaft - CAT K1
U4346	FAB Rebuild Kit - CAT K1
U4350	Shims 5x7x0.1mm - pk8
U4509	Hex to Pin Drive Conversion - CAT K1 Aero
U728	Rose Joints M3 - Short (pk 4)

1-10 BUGGY WHEELS AND INSERTS

CR141	Red Moulded Insert; 1/10 Off Rd Rear
CR142	Red Moulded Insert; 1/10 Off Rd 4WD Front
U4365	Wheel Hex Rear - (Black) - Off Road - pr
U4366	Wheel Hex Rear - (white) - Off Road - pr
U4495	Wheel Hex Front -(black) - 4wd - (pr)
U4496	Wheel Hex Front -(white) - 4wd - (pr)
U6652	Foam Tyre Insert; Hard - Front - CAT (pr)
U6653	Foam Tyre Insert; Hard - Rear - CAT (pr)
U6668	Foam Tyre Inserts; Soft - Ultra Wide (pr)
U6669	Foam Tyre Inserts; Hard - Ultra Wide (pr)
U6733	Foam Tyre Insert; Med - Front - CAT (pr)
U6734	Foam Tyre Insert; Med - Rear - CAT (pr)
U6746	Tubby Insert; Med Front - CAT (pr)
U6747	Tubby Insert; Med Rear - CAT (pr)

1-10 BUGGY OFF ROAD TYRES

CR143	Multi Bow; 1/10 Off Rd Rear
CR144	Multi Bow; 1/10 Off Rd 4WD Front
CR145	Multi Block; 1/10 Off Rd Rear
CR146	Multi Block; 1/10 Off Rd 4WD Front
T650	Full Spike - Rear Tyres - Soft CAT (pr)
T652	Full Spike - Front Tyres - Soft CAT (pr)
T692	Block - Rear Tyres - Blue - CAT (pr)
T693	Block - Front Tyres - Blue - CAT (pr)
U6515	Mini Spike 2; Front Tyres - Green - 2.2 (pr)
U6516	Mini Spike 2; Rear Tyres - Green - 2.2 (pr)
U6517	Mini Spike 2; Front Tyres - Blue - 2.2 (pr)
U6518	Mini Spike 2; Rear Tyres - Blue - 2.2 (pr)
U6557	Mini Spike 2; Front Tyres - Yellow (pr)
U6558	Mini Spike 2; Rear Tyres - Yellow (pr)
U6595	Full Spike - Front Tyres- Yellow - 2.2 (pr)
U6596	Full Spike - Rear Tyres- Yellow - 2.2 (pr)
U6601	Mini Pin - Blue - Front - 2.2 (pr)
U6602	Mini Pin - Blue - Rear - 2.2 (pr)
U6607	Mini Pin - Yellow - Front - 2.2 (pr)
U6608	Mini Pin - Yellow - Rear - 2.2 (pr)
U6739	Mini Spike2 Pre-Glue; Yellow - Hex Cat Front (pr)
U6740	Mini Spike2 Pre-Glue; Yellow - Hex Cat Rear (pr)
U6741	Mini Pin Pre-Glue; Yellow - Hex Cat Front (pr)
U6742	Mini Pin Pre-Glue; Yellow - Hex Cat Rear (pr)
U6762	Mini Spike 2; Front Tyres - Silver (pr)
U6763	Mini Spike 2; Rear Tyres - Silver (pr)
U6777	Mini Pin - Silver - Front - 2.2 (pr)
U6778	Mini Pin - Silver - Rear - 2.2 (pr)
U6786	Block - Rear Tyres - Yellow - CAT pr
U6787	Block - Front Tyres - Yellow - CAT pr

PINIONS

CRW2001	Pinion Caddy
MR-PINION	MR33 Pinion Gear Holder
U2305	16T Steel Pinion - 48 D.P.
U2306	17T Steel Pinion - 48 D.P.
U2307	18T Steel Pinion - 48 D.P.
U2308	19T Steel Pinion - 48 D.P.
U2309	20T Steel Pinion - 48 D.P.
U2310	21T Steel Pinion - 48 D.P.
U2311	22T Steel Pinion - 48 D.P.
U2312	23T Steel Pinion - 48 D.P.
U2313	24T Steel Pinion - 48 D.P.
U2314	25T Steel Pinion - 48 D.P.
U2315	26T Steel Pinion - 48 D.P.
U2316	27T Steel Pinion - 48 D.P.
U3414	Pinion; Hard Alloy 48dp - 14T
U3415	Pinion; Hard Alloy 48dp - 15T
U3416	Pinion; Hard Alloy 48dp - 16T
U3417	Pinion; Hard Alloy 48dp - 17T
U3418	Pinion; Hard Alloy 48dp - 18T
U3419	Pinion; Hard Alloy 48dp - 19T
U3420	Pinion; Hard Alloy 48dp - 20T
U3421	Pinion; Hard Alloy 48dp - 21T
U3422	Pinion; Hard Alloy 48dp - 22T
U3423	Pinion; Hard Alloy 48dp - 23T
U3424	Pinion; Hard Alloy 48dp - 24T
U3425	Pinion; Hard Alloy 48dp - 25T
U3426	Pinion; Hard Alloy 48dp - 26T
U3427	Pinion; Hard Alloy 48dp - 27T

TOOLS

C4450	CS Superglue 20 g
CR044	CORE RC - Curved Body Scissors
CR045	CORE RC - Straight Body Scissors
CR100	Shock Shaft Pliers - Purple
CR101	Shock Shaft Pliers - Black
CR102	Magnetic Parts Tray - Purple
CR103	Magnetic Parts Tray - Black
CR148	CORE RC - Polybutler Pit Box; Black
CR233	Piston Drilling Kit-1.1, 1.2, 1.3, 1.4, 1.5mm
ED120115	Ball Allen Wrench 1.5mm x 120mm
ED181002	Chassis Droop Gauge Blocks 20mm for 1/8,1/10 (2)
ED190012	Reamer with Protection Cap for Body - 14mm
H1032	Alloy Camber Gauge - 1/10th
H1055	GT85 Lube and Clean Aerosol 400ml
H1056	Loctite 243 Thread Lock
H1057	Loctite Precision Super Glue - 5g
U2789	Schumacher Hex Driver - 1.5mm
U2790	Schumacher Hex Driver - 2.0mm
U2791	Schumacher Hex Driver - 2.5mm
U2792	Schumacher Hex Driver - 3.0mm
U2795	Schumacher M3 Nut Driver
U2796	Schumacher M4 Nut Driver
U2818	Schumacher Body Reamer
U4229	Steel Spanner - 5.5mm/3.9mm

BATTERIES

CR007	CORE RC Silicone Wire 12g - Red/Black 2x50cm
CR008	CORE RC RED Connector with 2x4mm Tubes
CR009	CORE RC RED Connector with 2x4mm Males
CR050	CORE RC Silicone Wire 12g - Red 1 Metre
CR051	CORE RC Silicone Wire 12g - Black 1 Metre
CR052	CORE RC Silicone Wire 12g - Blue 1 Metre
CR053	CORE RC Silicone Wire 12g - Red 50 Metre Reel
CR054	CORE RC Silicone Wire 12g - Black 50 Metre Reel
CR055	CORE RC Silicone Wire 12g - Blue 50 Metre Reel
CR059	CORE RC - Safe Charge Pouch 23x30cm
CR115	CORE RC Silicone Wire 12g - Red/Black/Blue 3x50cm
CR124	Heatshrink 6.0mm dia Black - 20pcs
CR125	Heatshrink 6.0mm dia Red - 20pcs
CR170	CORE RC Lipo Locker - 17 x 8 x 7cm
CR171	CORE RC - 4000mAHr 7.4V 20C/40C Saddle Lipo
G718	GP Alkaline AA Pencell; Card 4
H1046	T Connector; Red 2 Way - Male and Female
H1047	T Connector; Black 2 Way - Male and Female
H1048	T Connector; Red Sockets - pk4
H1049	T Connector; Black Sockets - pk4
MR-SB	MR33 Lipo Bag
NR999503	Lipo 5800 X-treme Race Saddle pk H/Case 55C-7.4V
TP4P10E	Thunder Power 4 Pin Balance connector 10Extension"
TP4P8	TP 4 Pin Balance Connector 8 Colour Coded Wires"
TP5000-2SPR65S	Thunder Power Lipo 5000mAh 2S saddle - 65C/130C
TP6P10E	Thunder Power 6 Pin Balance Connector 10Extension"
TP6P13	TP 6 Pin Balance Connector 13 Colour Coded Wires"
TP6P4PE	Thunder Power 6 Pin Adaptor/Extension
TPLSBL	Thunder Power Lipo Charge Bag Large 9 x 12""
TPLSBS	Thunder Power Lipo Charge Bag Small 7 x 8" x 5""

BRUSHLESS ACCESSORIES

CR133	Core Sensor Lead; 80mm
CR134	Core Sensor Lead; 180mm
HW2361200	XERUN - Sensor Cable - 120mm
HW2362000	XERUN - Sensor Cable - 200mm
HW30502000014	XERUN-EZRUN-Multifunction LCD Program Box
HW30860200010	XERUN Competition Fan-2510SH-5v/0.16A for 2s
HW86020010	XERUN-EZRUN - Program Card for ESC
HW86030030	XERUN - Capacitors
HW86080120	EZRUN - Heat Sink with Fan for 3660,3674 motors
HW86080130	EZRUN - Heat Sink with Fan for 4465 motors
HW86080150	XERUN Large Fan 3010HB-5V/0.18A for 2s
MR-FAN PROTECTOR	MR33 25mm Fan Protector
NR90631	PURE MR104 Ceramic BB (pr)
NR90632	PURE Small Parts Set
NR90633	PURE Sensor Assembly
NR90635	PURE Evo Light Alloy Front Hsg
NR90636	PURE Evo Alloy End Cover
NR90637	PURE Evo 694ZZ Ball Bearings (2 pcs)
NR90644	PURE Evo Tuning Sintered Rotor - 12.0mm
NR90645	PURE Evo Tuning Sintered Rotor - 12.5mm
NR90646	PURE Evo Tuning Sintered Rotor - 13.0mm
NR92500	USB Bridge - Speedo Firmware Update Device
NR92501	USB Bridge Spec2 - Speedo Firmware Update Device
NR92512	Cooling Fan; Low Profile - Include Mounting Screws
NR925307	NOSRAM Sensor Wire HighFlex 70mm

BRUSHLESS ACCESSORIES Cont....

NR925315	NOSRAM Sensor Wire HighFlex 150mm
NR925320	NOSRAM Sensor Wire HighFlex 200mm
SP000007	Muti LED Program Card Version 2.0
SP000008	Reventon Blue-Tooth" Module"
SP000009	Reventon WiFi" Module"
SP000029	Sensor Unit +20 Timing"for V3.0 Motor-Green Color"
SP000034	Sensor Unit +10 Timing" for V3.0 Motor-Red Color"
SP000041	Sensor Unit for V3.0 - 4.0T/5.0T Motor
SP000059	Sensor Unit +40 Timing for V3.0 Motor Blue
SP162801	SP - Sensor Cable 180mm
SP162802	SP - Sensor Cable 90mm
SP162810	SP - HiPower Solder Post; 3pcs
SP162820	SP - HiPower Connector; V3.0 Motors 3pcs
SP1EB01	SP Endbell; Fixed Timing V3.0
SPAMSSC3M	SP - Super Capacitor 3 Farads 6 Volt rated
SPCBB138238	SP - Ceramic Motor Bearing
SPRM13801	Rotor; V3.0 3.5T- 8.5T 12mm Blue
SPRM13802	Rotor; V3.0 3.5T- 8.5R 12.3mm S7 Purple
SPRM13802NA	Rotor; V3.0 3.5T- 8.5T 12.3mm S7 Silver
SPRM13803NA	Rotor; V3.0 3.5T- 8.5T 12.5mm Silver
SPRM13804	Rotor; V3.0 3.5T-8.5R 12.8mm Golden
SPRM13805	Rotor; V3.0 3.5T- 8.5T 13mm Green
SPRM13806	Rotor; V3.0 3.5T-8.5T 13mm S7 Orange
TPM-P1000	Thunder Power Bearing Replacement Tool
TPM-P1001	T-Power Bearing Std 1/8x3/8x5/32 (2pcs) S/M 540"
TPM-P1002	T-Power Bearing Ceramic 1/8x3/8/5/32 (2pcs)S/M540"
TPM-P1005	Thunder Power Sensor Unit w/Std Bearing S/M540/550
TPM-P1007	Thunder Power Outer Can/Case w/Screws S/M 540
TPM-P1008	Thunder Power Timing Cap w/Screws S/M540/550
TPM-P1010	Thunder Power Senser Wire Harness 110mm
TPM-P1011	Thunder Power Sensor Wire Harness 200mm
TPM-P1012	Thunder Power Sensor Wire Harness 270mm
TPM-P1014	Thunder Power Insulator Set (Fr/Rr) S/M 540/550
TPM-R540AHT	Stock Spec 540 Hi-Torque Rotor 12.5/7.25/25.0 Grn
TPM-R540AMR	Thunder Power Mod 540 Rotor 12.2/5.2/25.0 Purple
TPM-R540AMR-S	Thunder Power Mod 540 Rotor 12.0/5.0/25.3 Gold
TPM-R540ASR	T-Power Stock Spec 540 Rotor 12.2/7.25/24.2 Red
TPM-R540AST	T-Power StockSpec Torque Rotor 12.2/7.25/25.0 Blue
TPM-S540A030	Thunder Power 3.0T Modified 540 Stator
TPM-S540A035	Thunder Power 3.5T Modified 540 Stator
TPM-S540A040	Thunder Power 4.0T Modified 540 Stator
TPM-S540A045	Thunder Power 4.5T Modified 540 Stator
TPM-S540A050	Thunder Power 5.0T Modified 540 Stator
TPM-S540A055	Thunder Power 5.5T Modified 540 Stator
TPM-S540A060	Thunder Power 6.0T Modified 540 Stator
TPM-S540A065	Thunder Power 6.5T Modified 540 Stator
TPM-S540A075	Thunder Power 7.5T Modified 540 Stator
TPM-S540A085	Thunder Power 8.5T Modified 540 Stator
TPM-S540A095	Thunder Power 9.5T Modified 540 Stator
TPM-S540A105	Thunder Power 10.5T Stock Spec 540 Stator
TPM-S540A135	Thunder Power 13.5T Stock Spec 540 Stator
TPM-S540A175	Thunder Power 17.5T Stock Spec 540 Stator
TPM-S540A215	Thunder Power 21.5T Stock Spec 540 Stator

BRUSHLESS MOTORS

NR90550	Cobra Brushless Motor - 6.5T
NR90562	Cobra 2 Brushless Motor - 8.5T
NR90648	Nosram Pure 2 BL - 10.5T
NR90649	Nosram Pure 2 BL - 9.5T
NR90654	Nosram Pure 2 BL - 8.5T
NR90664	Nosram Pure 2 BL - 7.5T
NR90674	Nosram Pure 2 BL - 6.5T
NR90684	Nosram Pure 2 BL - 5.5T
NR90689	Nosram Pure 2 BL - 5.0T
NR90704	Nosram Pure 2 BL - 4.0T
SP000148	1/10 Competition MMM Series 5.0R BL Motor
SP000149	1/10 Competition MMM Series 5.5R BL Motor
SP000151	1/10 Competiton MMM Series 4.0R BL Motor
SP13855V3	Speed Passion V3.0 Comp BL Motor; 5.5T
SP13865V3	Speed Passion V3.0 Comp BL Motor; 6.5T
SP13875V3	Speed Passion V3.0 Comp BL Motor; 7.5T
SP13885V3	Speed Passion V3.0 Comp BL Motor; 8.5T
TPM-540A055	Thunder Power 5.5T Modified 540 BL Motor
TPM-540A060	Thunder Power 6.0T Modified 540 BL Motor
TPM-540A065	Thunder Power 6.5T Modified 540 BL Motor
TPM-540A075	Thunder Power 7.5T Modified 540 BL Motor
TPM-540A085	Thunder Power 8.5T Modified 540 BL Motor
TPM-540A095	Thunder Power 9.5T Modified 540 BL Motor

BRUSHLESS SPEEDCONTROLS

CR173	PACE 45R Brushless ESC 1s/2s
CR174	PACE 45R Programming Card
HW30112121072	XERUN - V3.1 - Waterproof ESC 120A
HW81010130	EZRUN-35A-SL - BL ESC - for 1/10 Car & Truck
HW81010190	EZRUN-60A-SL - BL ESC - for 1/10 Car & Truck
HW81010380	EZRUN-WP-60A-SL - BL ESC - for 1/10 waterproof
HW81010390	EZRUN-WP-80A-SL - BL ESC - for 1/10 waterproof
HW81010400	EZRUN-WP-SC8 -120A BL ESC - 1/10 1/8 waterproof
HW81020010	XTREME Stock BL ESC - Blue - 60A
HW81020011	XTREME Stock BL ESC - Black - 60A

BRUSHLESS SPEEDCONTROLS Cont....

HW81020170	XERUN - V2.1 - BL ESC-120A - Blue
HW81020340	XERUN - V3.1 BL-ESC - Blue 120A
HW81020350	XERUN - V3.1 BL-ESC - Black 120A
HW81020360	XERUN - V3.1 BL-ESC - Red 120A
HW81020380	XERUN - V2.1 - BL-ESC-90A-Blue
NR90430	NOSRAM One Brushless ESC
NR90960	Comet EVO Brushless Speed Control
NR90970	Comet HD Brushless Speed Control
NR90999	Pearl Upgrade Kit -Mod + Stock
SP000043	Reventon-R ESC - 2S - Orange
SP000063	Reventon-R ESC - 2S - Blue
SP000064	Reventon-R ESC - 2S - Silver
SP000739	Reventon Pro ESC-2S - V1.1 Black
SP000740	Reventon Pro ESC-2S - V1.1 - Laser Blue

BRUSHLESS ESC and MOTOR COMBO

HW81030050	EZRUN Combo B4 - 5.5t 6000kV+ EZRun 60A SL
HW81030060	EZRUN Combo B5 - 8.5t 4000kV+ EZRun 60A SL
HW81030150	EZRUN Combo B6 - 9t 4300kV + EZRun 60A SL
HW81030170	EZRUN Combo B7 - 13t 3000kV + 60A SL Waterproof
HW81030180	EZRUN Combo B8 - 9t 4300kV+ 60A SL Waterproof
HW81030230	EZRUN Combo B9 - 5.5t 6000kV + 60A SL Waterproof
HW81030240	EZRUN Combo B10 - 8.5t 4000kV + 60A SL Waterproof
SP000189	Reventon-R ESC-2S-Silver Comp V3.0-5.5R Combo
SP000190	Reventon-R ESC-2S-Silver Comp V3.0-6.5R Combo
SP000191	Reventon-R ESC-2S-Silver Comp V3.0-7.5R Combo
SP000192	Reventon-R ESC-2S-Silver Comp V3.0-8.5R Combo
SP000199	Reventon Stock Club Race 8.5 Combo Comp V3 Motor
SP001032	Reventon Pro V1.1 ESC Comp V3.0-5.5R Combo
SP001033	Reventon Pro V1.1 ESC Comp V3.0-6.0R Combo
SP001034	Reventon Pro V1.1 ESC Comp V3.0-6.5R Combo
SP001035	Reventon Pro V1.1 ESC Comp V3.0-7.5R Combo
SP001036	Reventon Pro V1.1 ESC Comp V3.0-8.5R Combo
SP001037	Reventon Pro V1.1 Comp V3.0-9.5R Combo
SP001038	Reventon Pro V1.1 ESC Comp V3.0-10.5R Combo
SP001039	Reventon Pro V1.1 ESC Comp V3.0-13.5R Combo
SP001040	Reventon Pro V1.1 ESC Comp V3.0-17.5R Combo
SP001041	Reventon Pro V1.1 ESC Comp V3.0-21.5R Combo
SP001144	Reventon Pro V1.1 ESC MMM 5.0R Combo
SP001145	Reventon Pro V1.1 ESC MMM 5.5R Combo
SP001146	Reventon Pro V1.1 ESC MMM 10.5R Combo
SP001147	Reventon Pro V1.1 ESC MMM 13.5R Combo
SP001149	Reventon Pro V1.1 ESC MMM 21.5R Combo

CHARGERS AND DISCHARGERS

CR031	UDC Charger Connector Set - 8pcs
CR114	UDC Balance Adaptor Set JST-XH to JST-EH 2-6S
CR161	UAC50 Charger 12v/110-240v 6A
NR91400	Sigma Power Charger
NR91555	Stealth Touch Evolution Charger
NR93160	Nosram Power Supply 13.8V / 20A
NR95815	Nosram Universal Charging Lead-Tamiya/JST Plug
NR95816	Nosram Universal Chg Lead-2S Lipo H/Case/Bal Adpt
NR95817	Nosram Universal Chg Lead- US-Style Plug
SK-100078-01	Racing Star RS16 - 180W 16A DC Charger
SK-200017-01	Racing Star 17A Power Supply (UK Plug)
TP1201P	100-240V AC - 12V DC, 1.0A Switching Adaptor TP103
TP1205P	100-240V AC-12V DC, 5.0A Switching Adaptor
TP14SAB-TPJXH	Balance Conn Adaptor 2S-14S JST-XH - TP1430C
TP205V	Thunder Power 2-5 Cell Lipo Smart Balancer
TP610C	Thunder Power 10 Amp DC Balance Charger
TP610C-ACDC	Thunder Power 10 Amp AC/DC Balance Charger
TP610C-BL2	Balance Conn Adaptor 2S/6S JST-XH 610C-ADC
TP820CD	Dual Port 20A DC charger/Cycler
TP8SAB-TPJXH	Balance Conn Adaptor Board 2S-8S JST-XH 820CD
TPDLC-250A	Thunder Power Balancer to Charger Data Link Cable

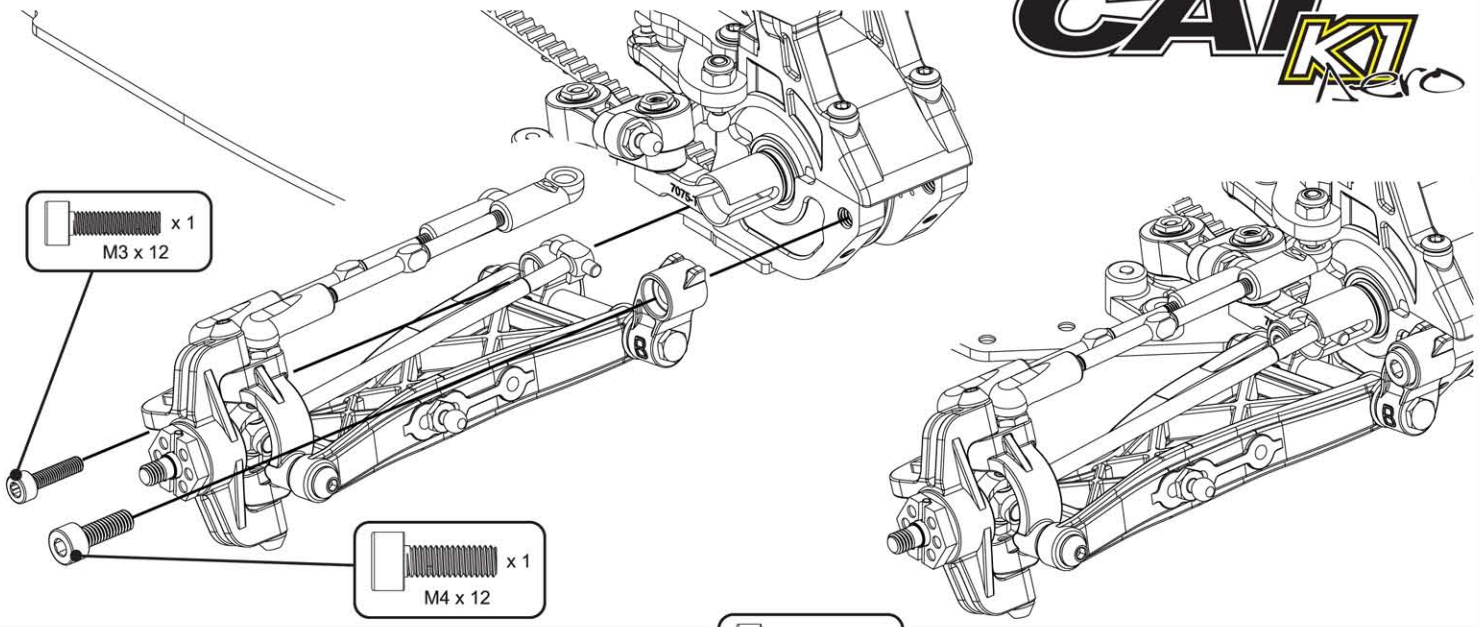
ELECTRONICS

AN530400HV	Digital BL Servo 10.7Kg for 1/10th Steering
AN530410HV	Digital BL Servo 22Kg for 1/8 & 1/10 Buggy/Truggy
CR151	CODE 2.4G FHSS LCD 2 Stick TxRx
CR152	CODE 2.4G FHSS LCD - Rx Only
CR153	CODE 2.4G FHSS Sport 2 Stick TxRx
CR154	CODE 2.4G FHSS Sport - Rx Only
CR155	Antenna 2.4G
CR162	CORE RC Sensor Checking Widget
CR195	Portable Emergency 60W Soldering Iron
ED199502	EDS Ultra Bright L.E.D. Light Stand
FD-STV3	Fly-Dream Servo Tester

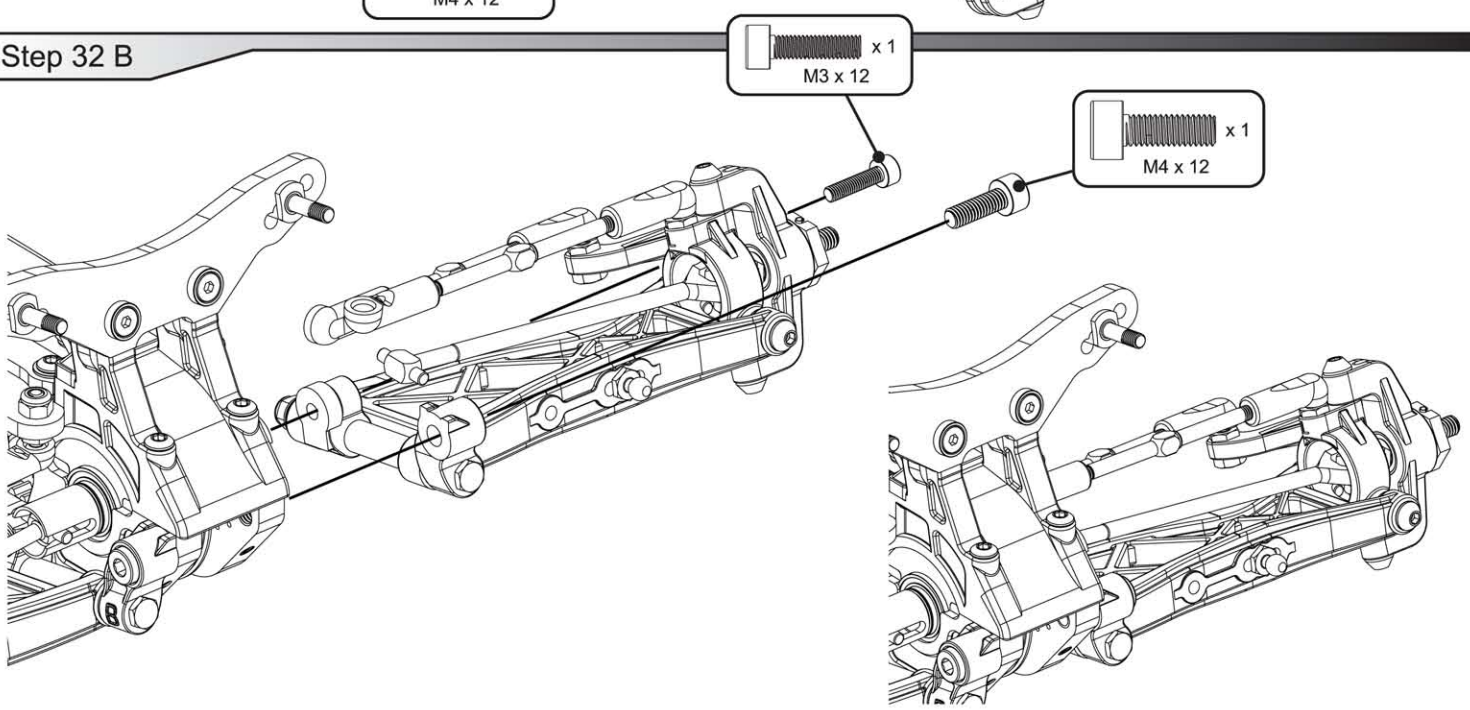
GENERAL ACCESSORIES

CR043	CORE RC - Silver X-Weights 16pcs
CR058	CORE RC - Black X-Weights 16pcs
MR-CSOFFROAD	MR33 Car Stand Off Road
MR-SUPER GLUE	Perfect Super Glue for Rubber Tyres

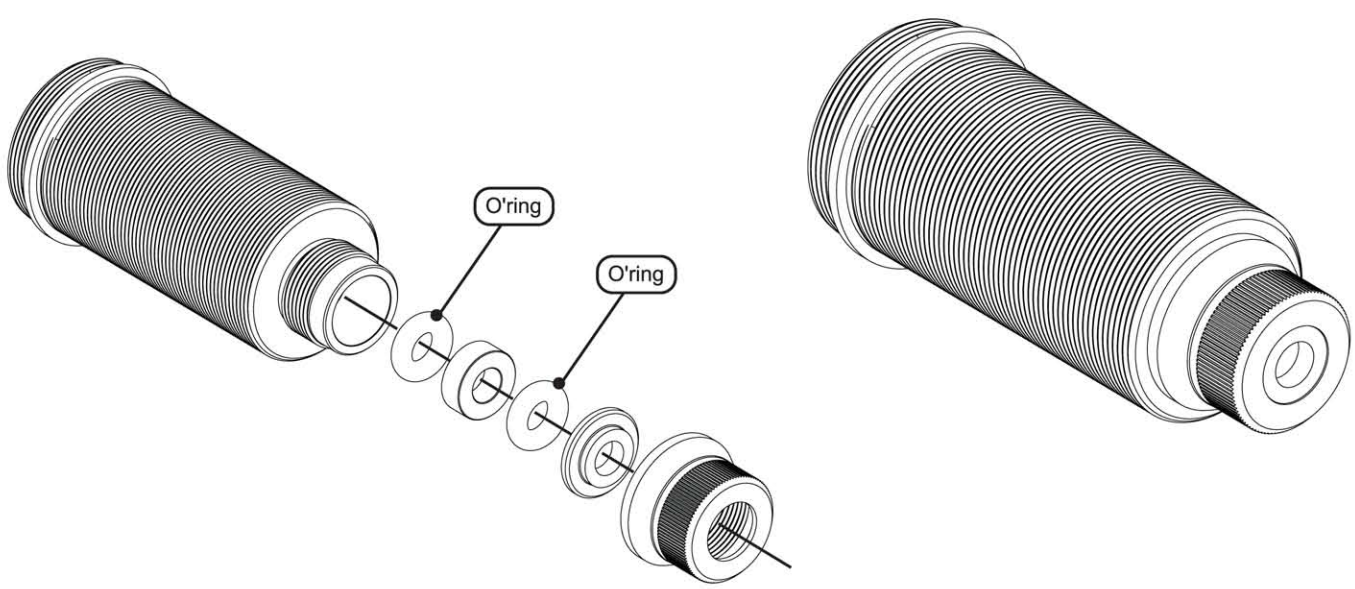
Step 32 A



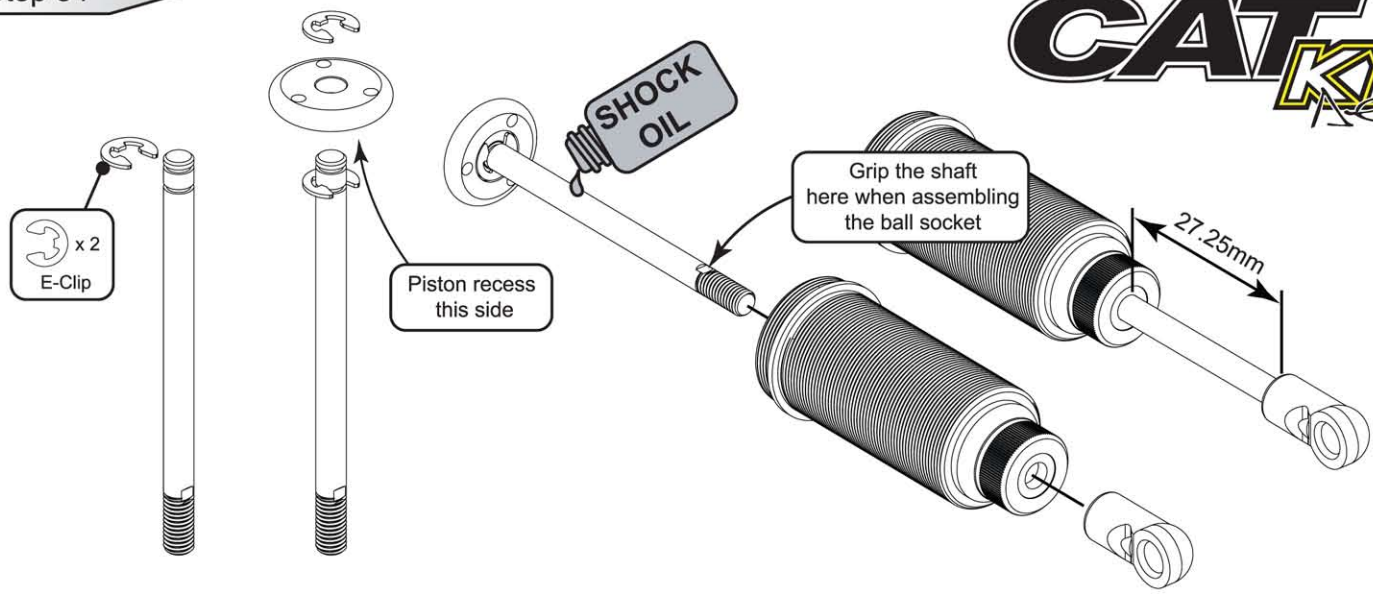
Step 32 B



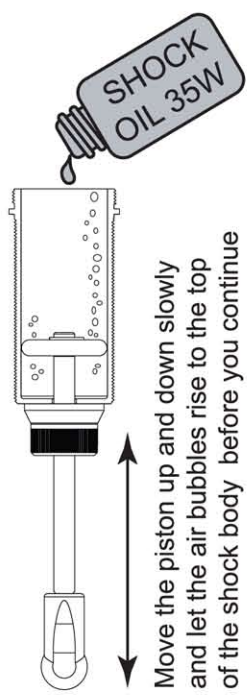
Step 33



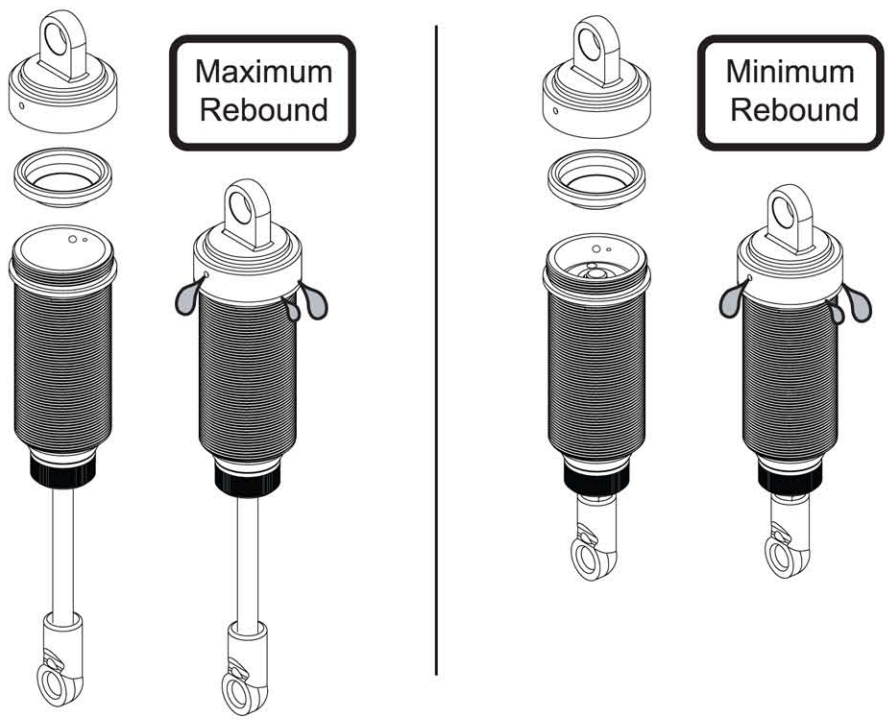
Step 34



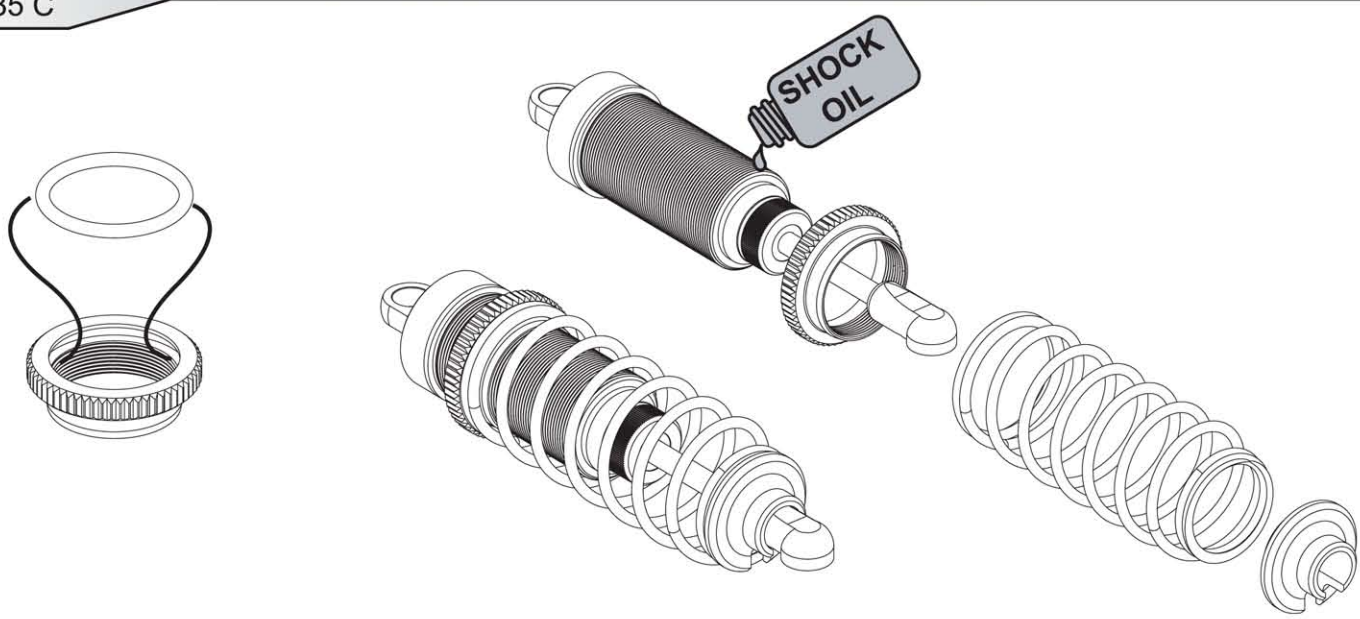
Step 35 A



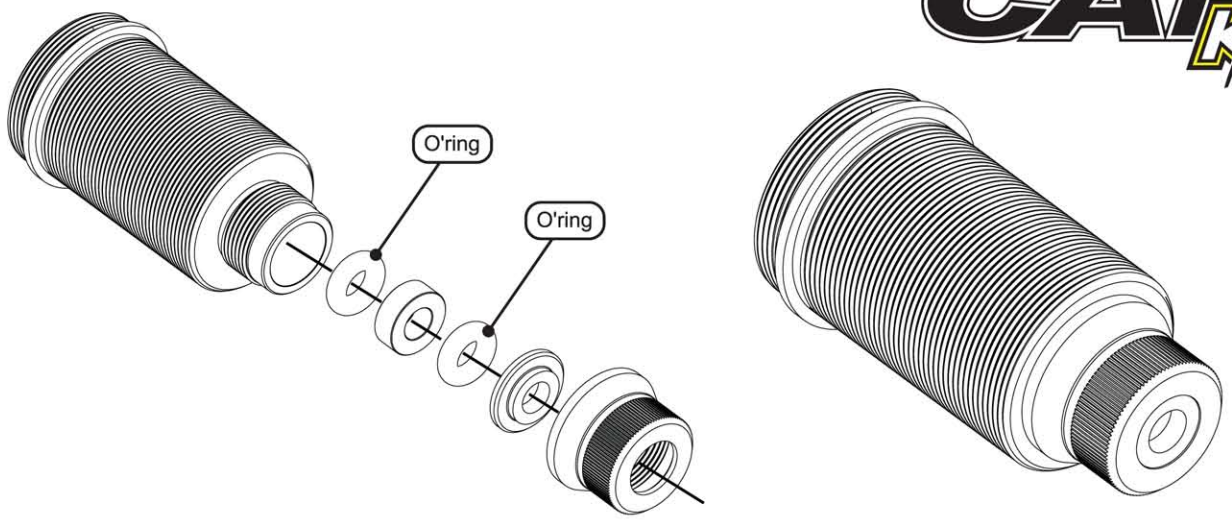
Step 35 B



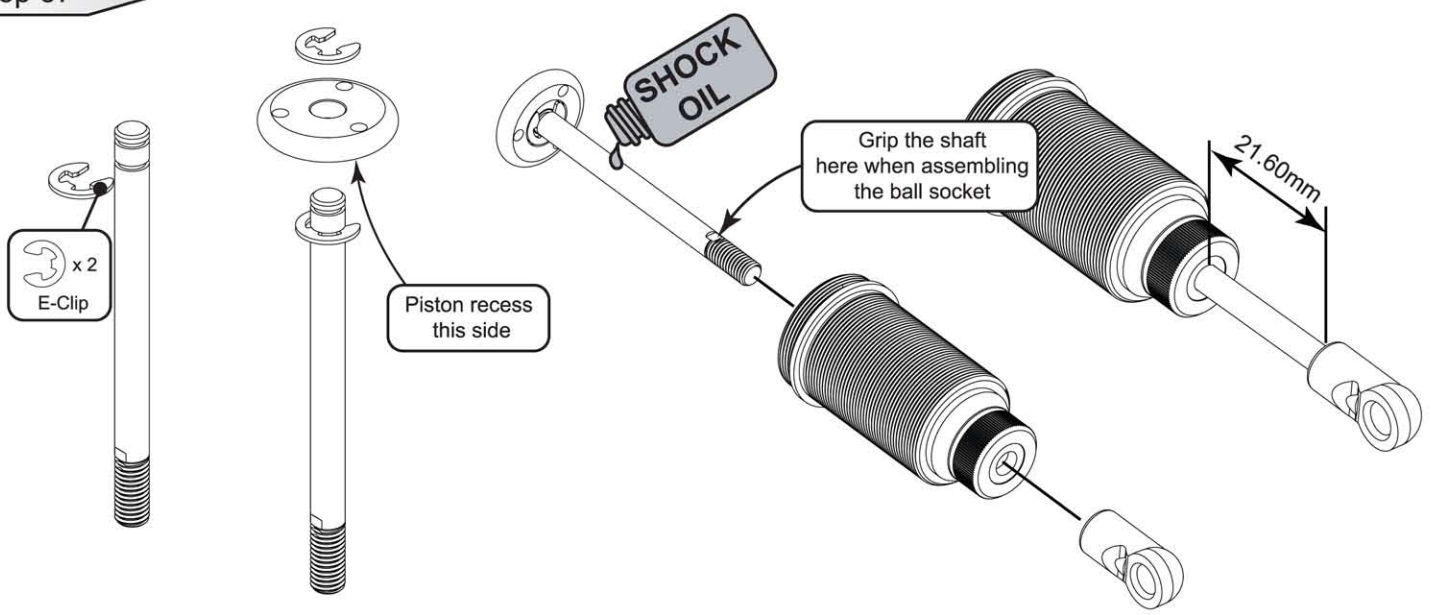
Step 35 C



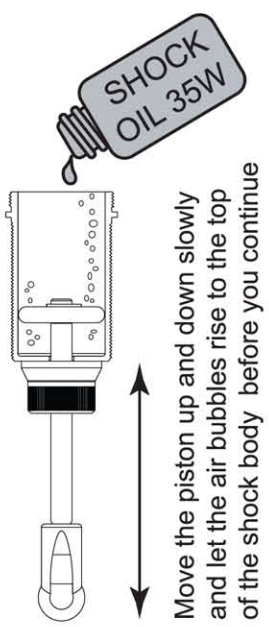
Step 36



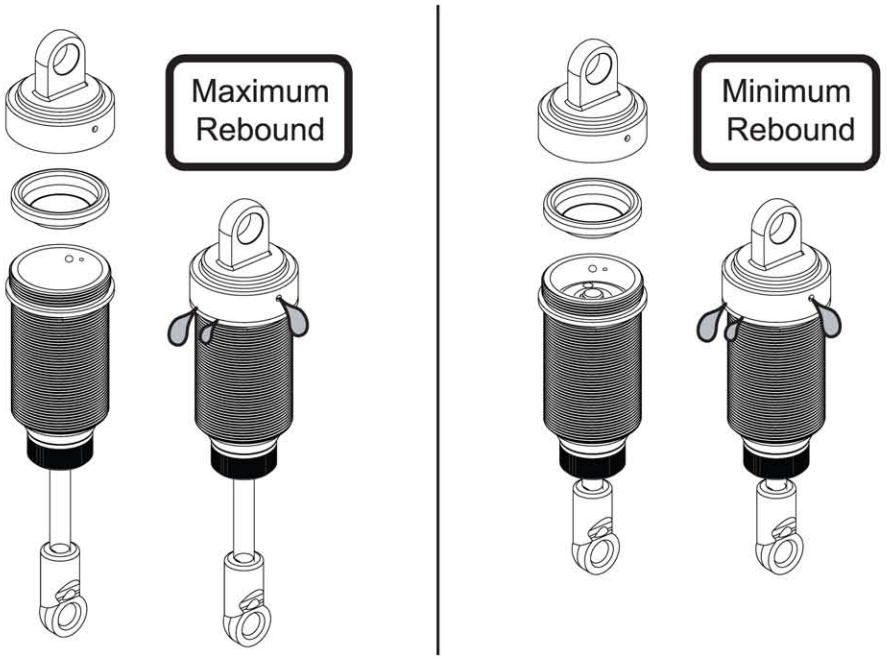
Step 37



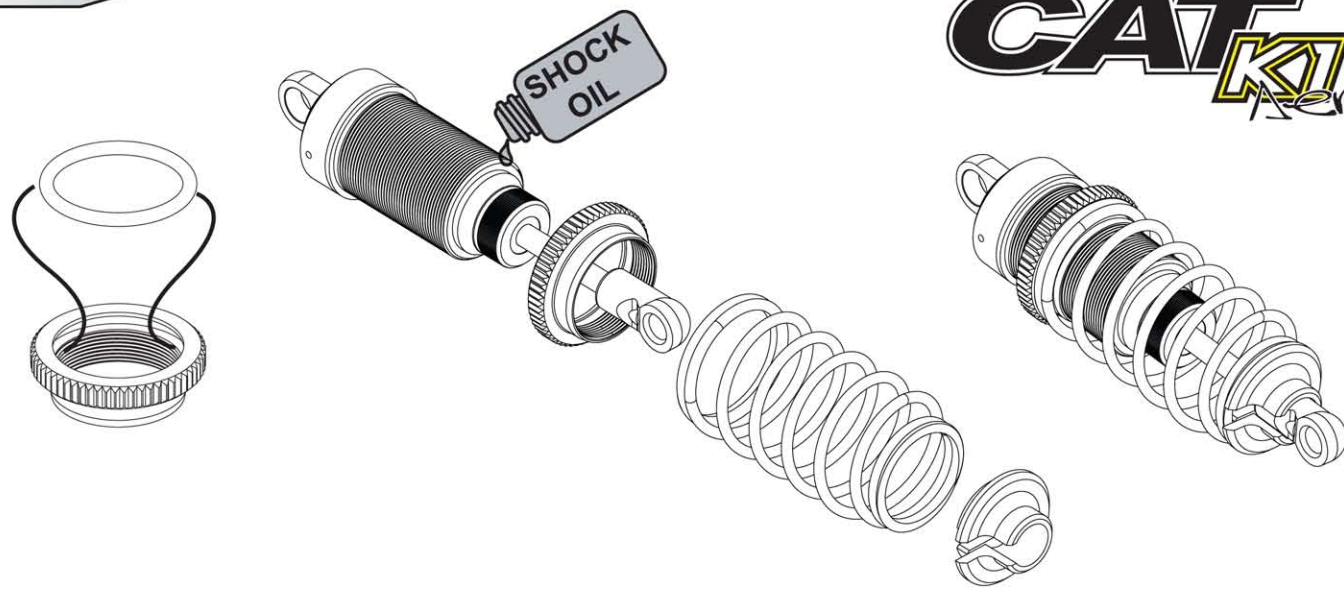
Step 38 A



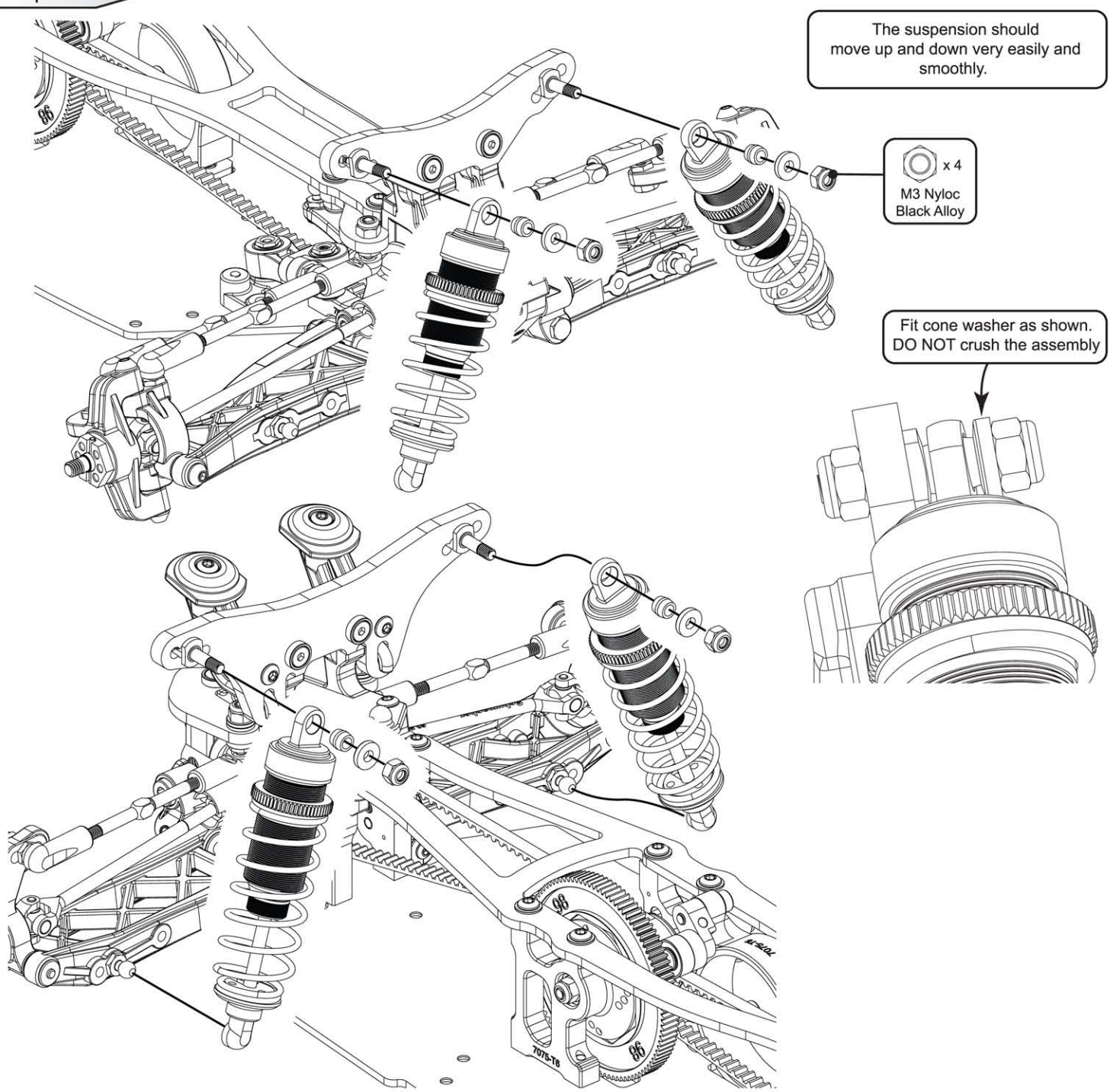
Step 38 B



Step 38 C

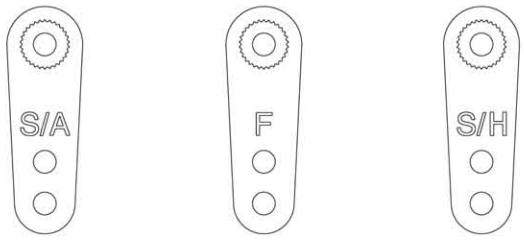


Step 39



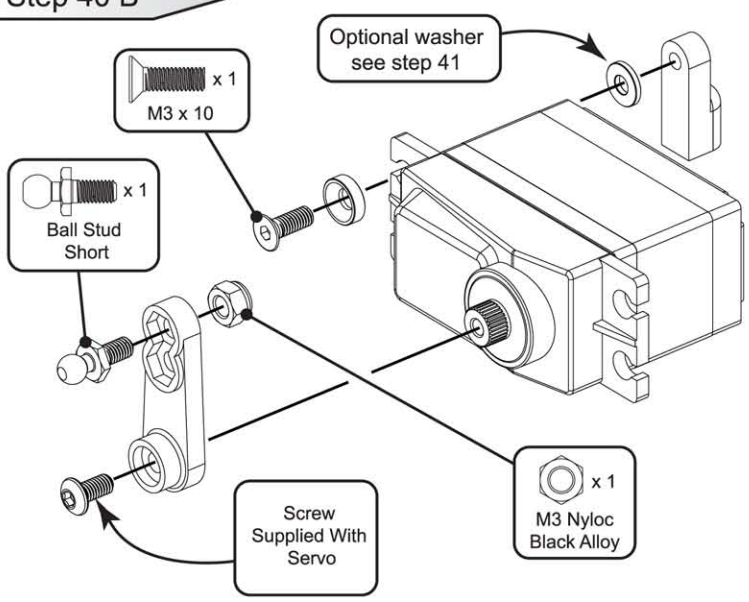
Step 40 A

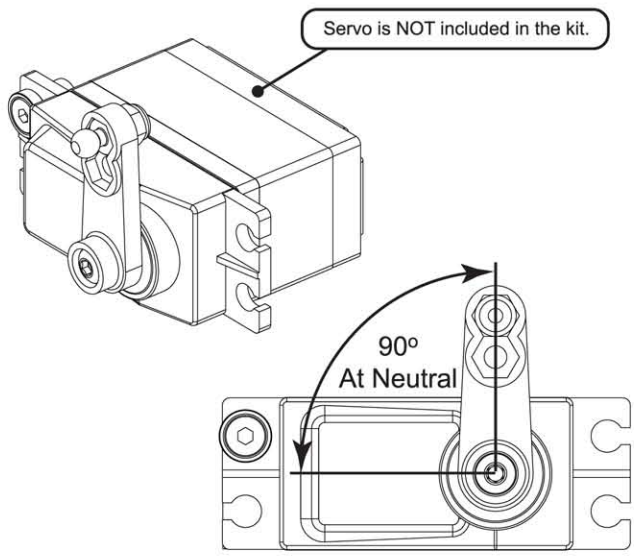
Choose the correct Servo Horn



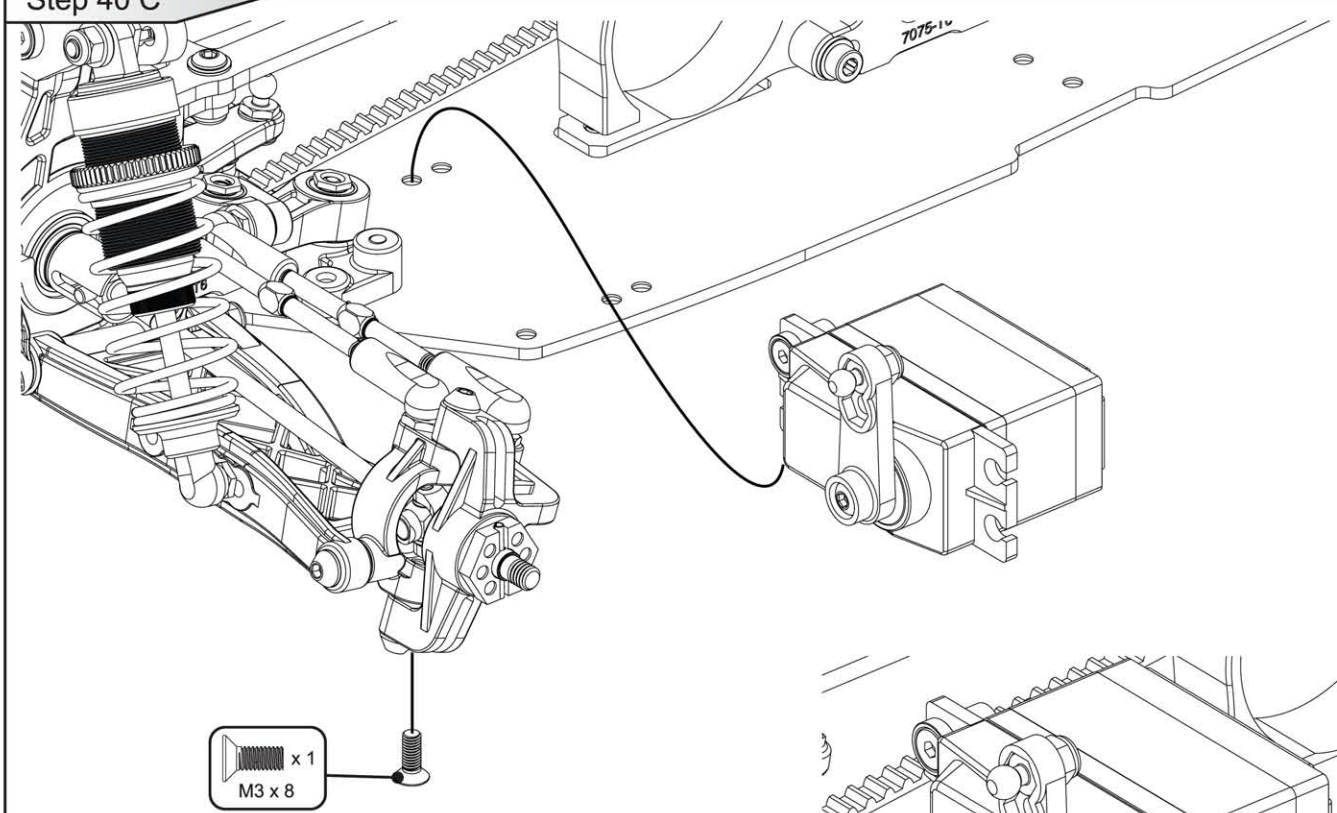
KO or Sanwa | Futaba | Hi-tec

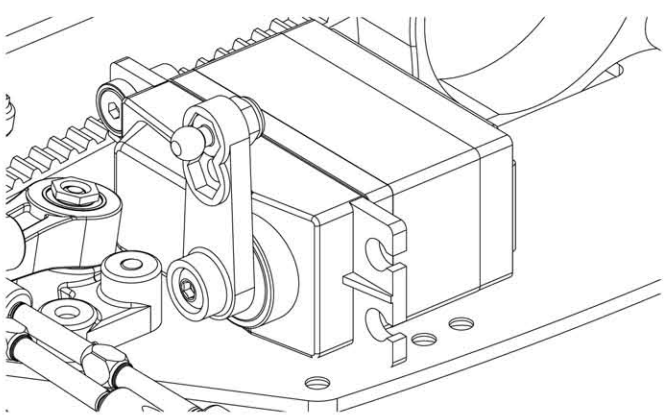
Step 40 B



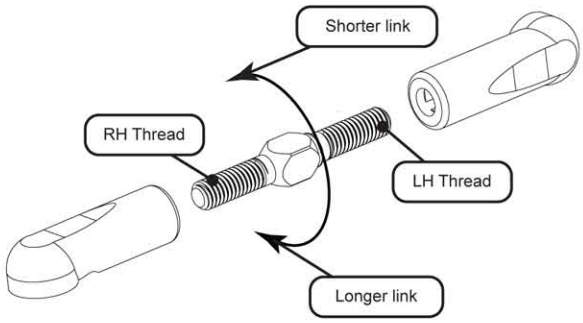


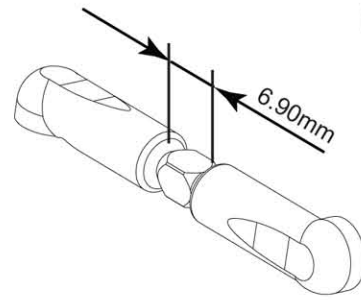
Step 40 C



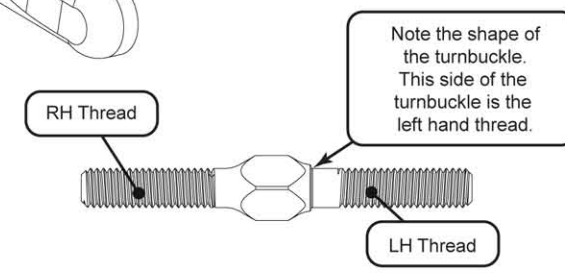


Step 41 A

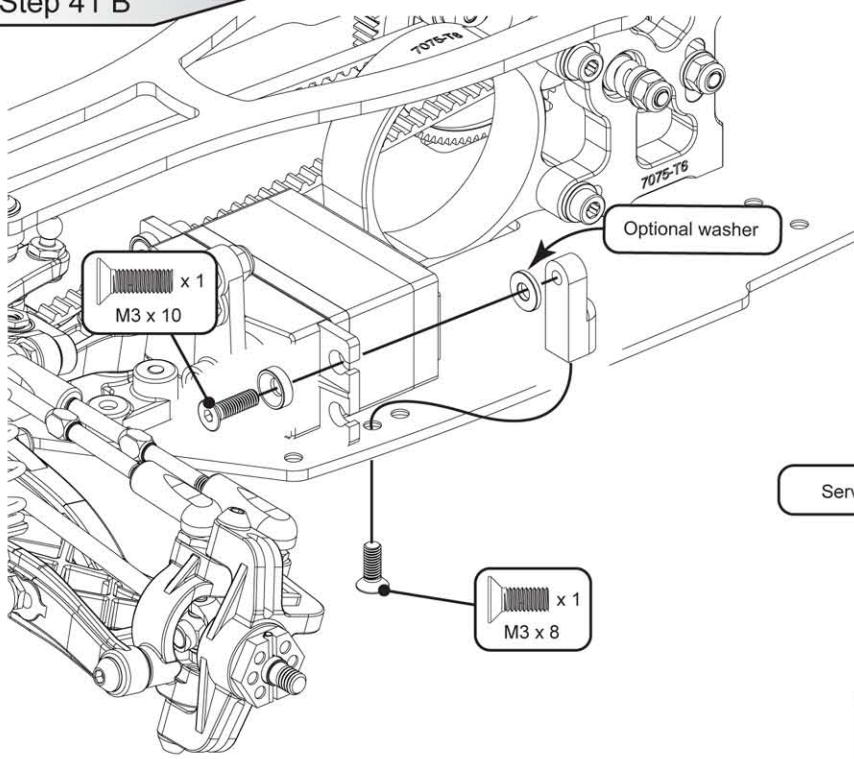


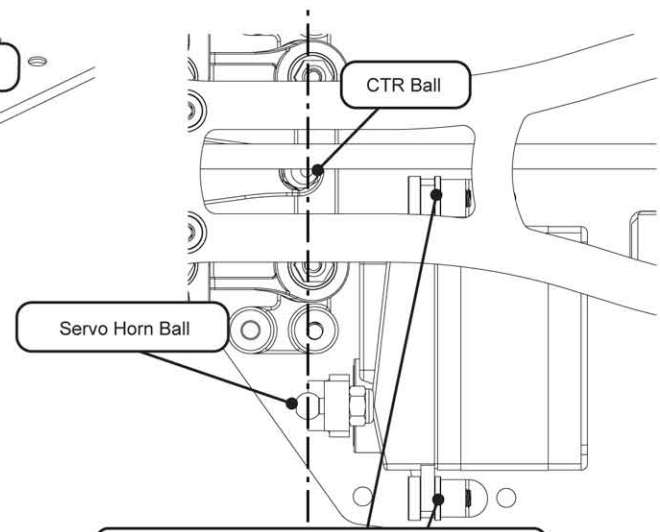


Carefully screw the sockets onto the turnbuckle
until no threads are visible.
Then undo them to the desired length.
This allows for easier adjustment on the car.
(Greasing the threads will also help)



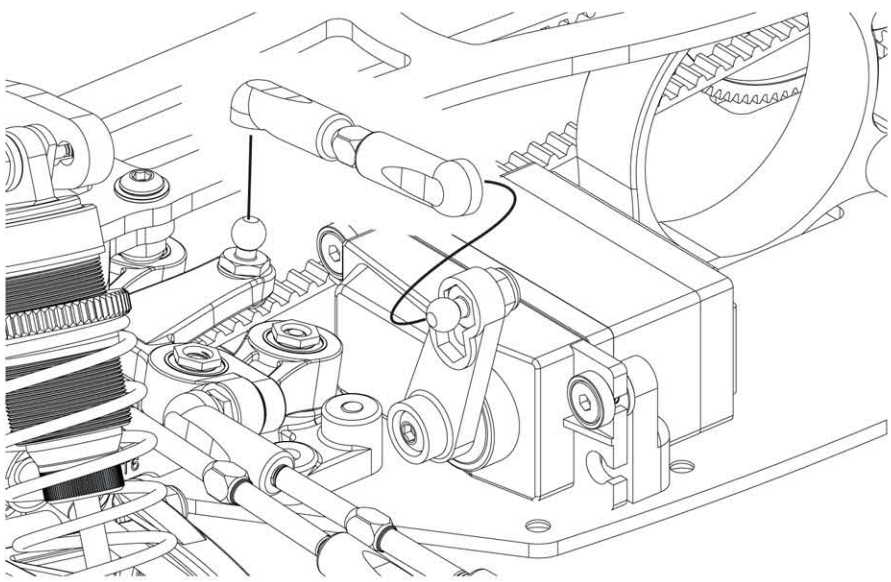
Step 41 B

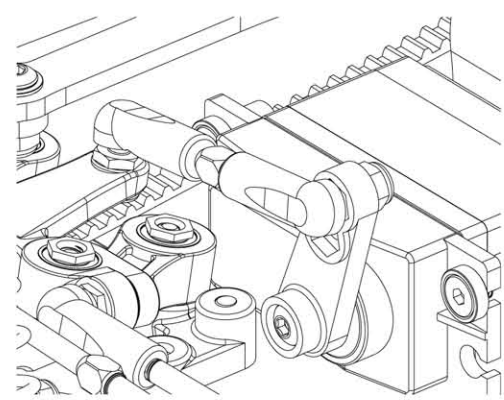




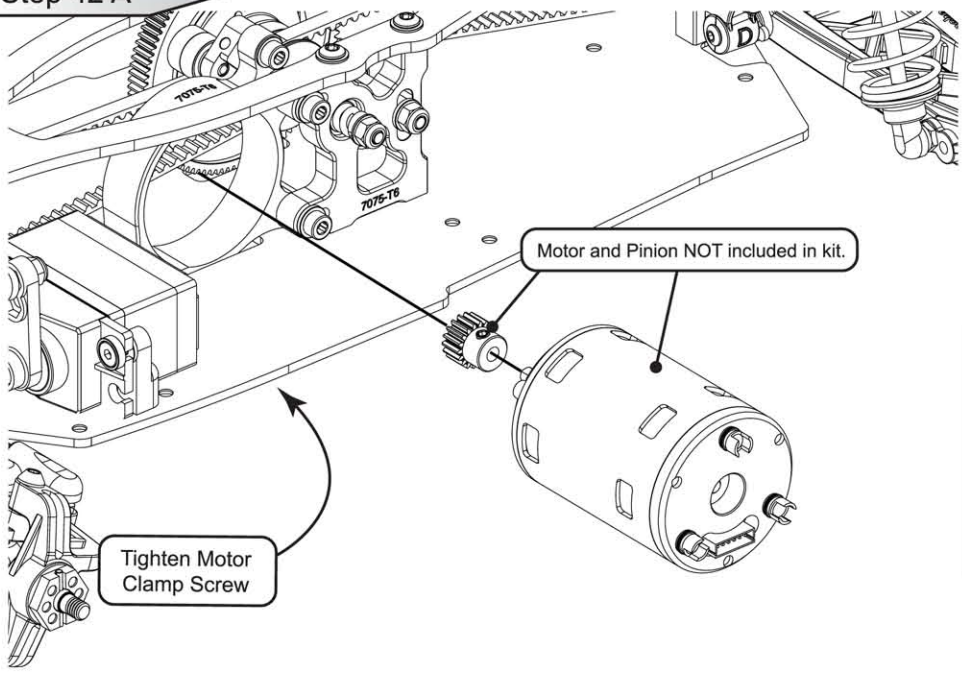
Add or remove washers to get alignment
of these two Balls.
(Servos with extreme offsets may need
to use the rearward servo holes in the chassis)

Step 41 C

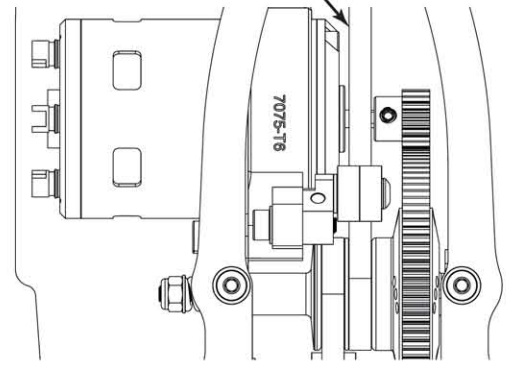




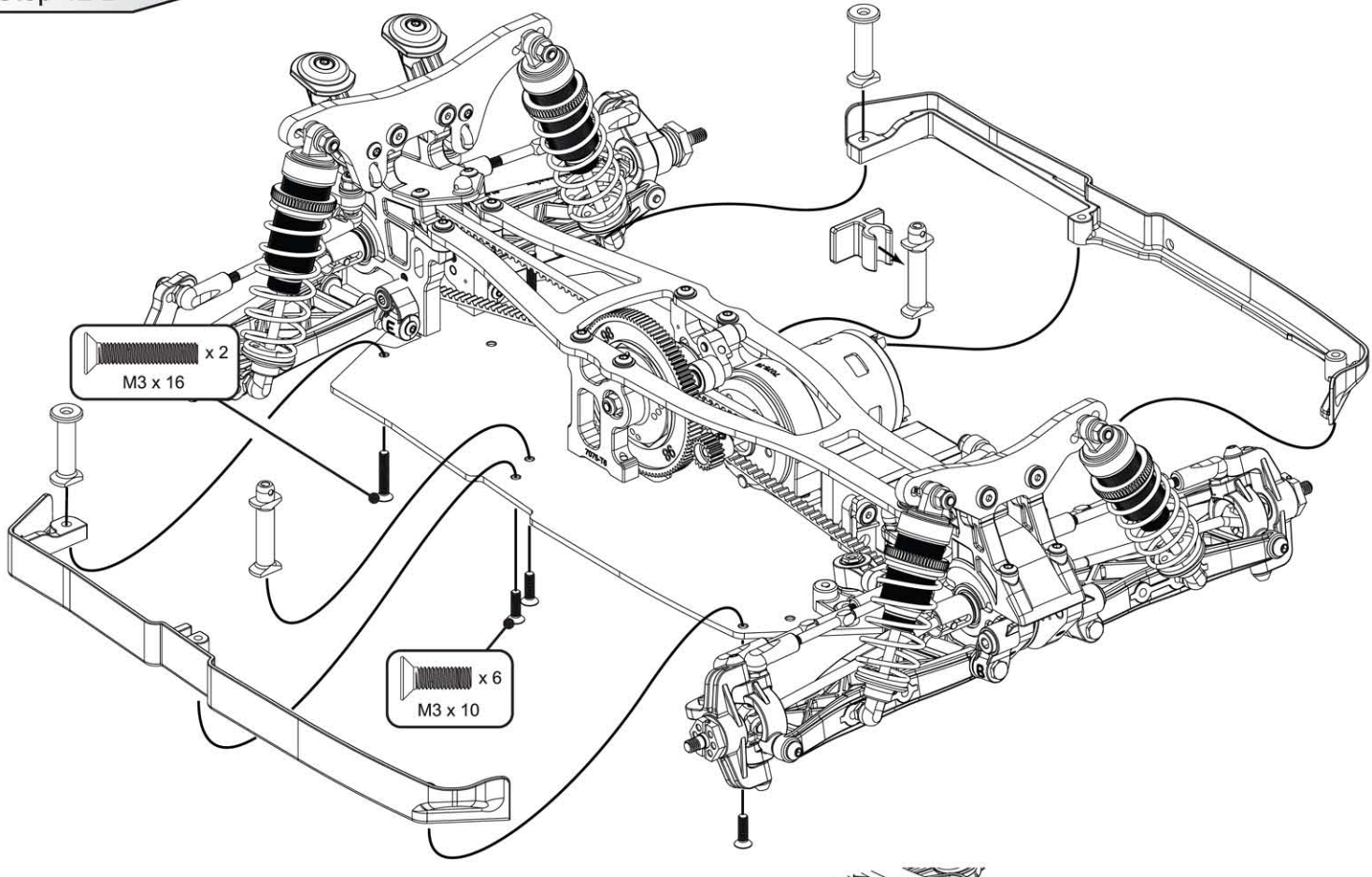
Step 42 A

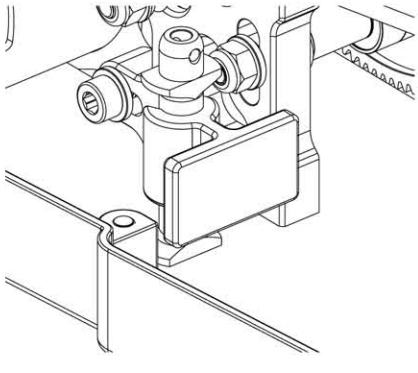


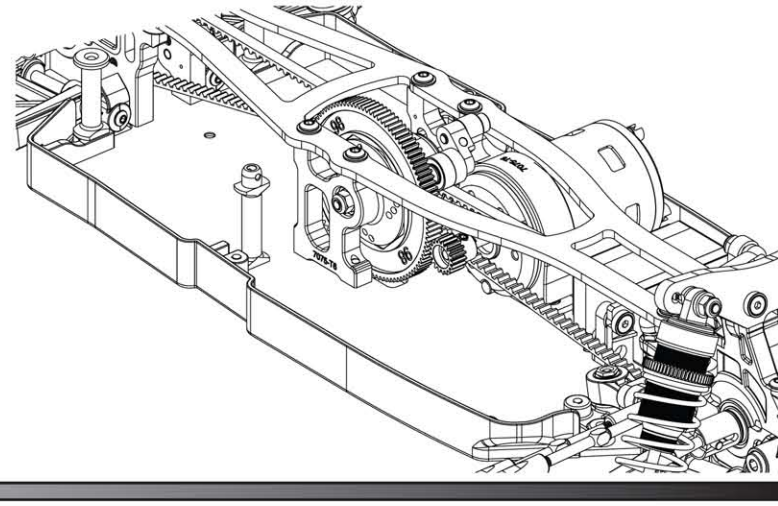
Ensure the motor does not hit the belt.



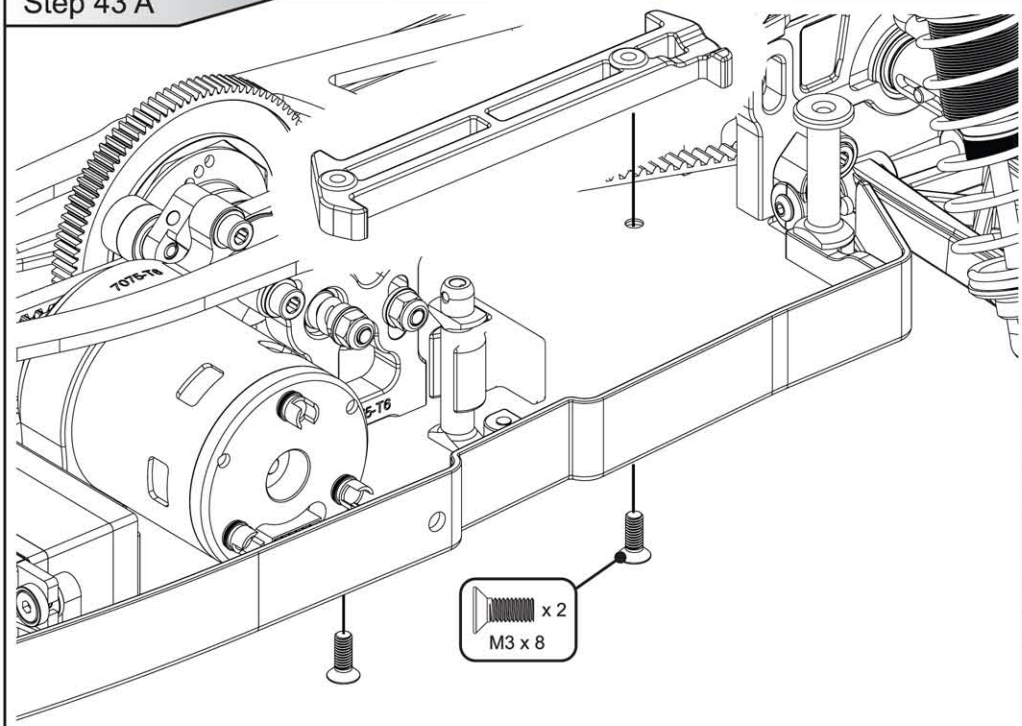
Step 42 B

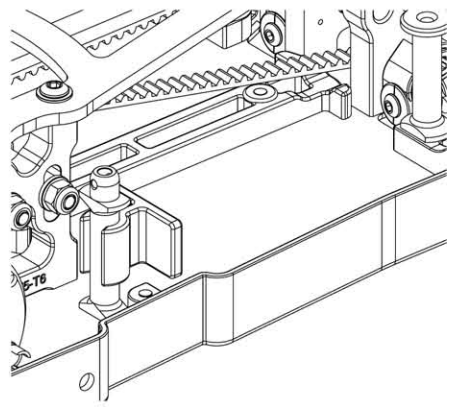




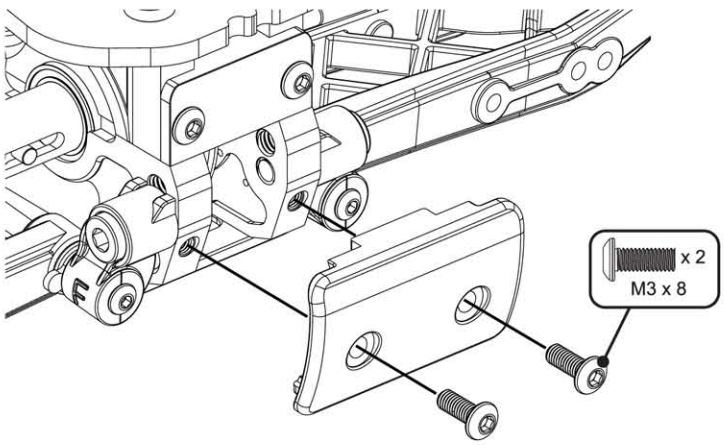


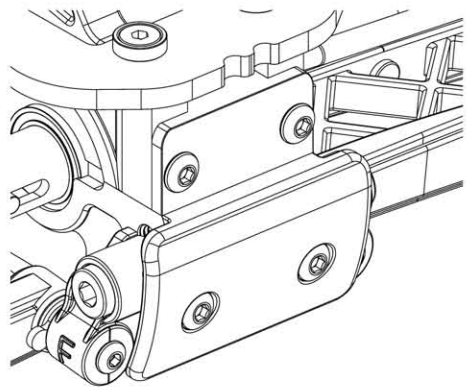
Step 43 A



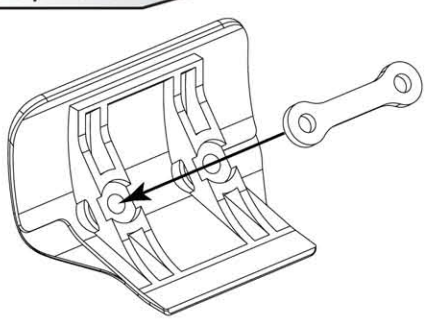


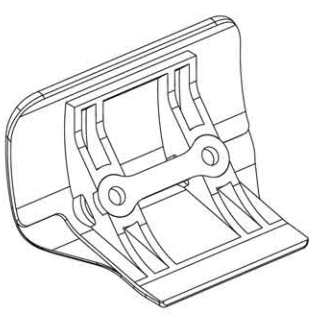
Step 43 B

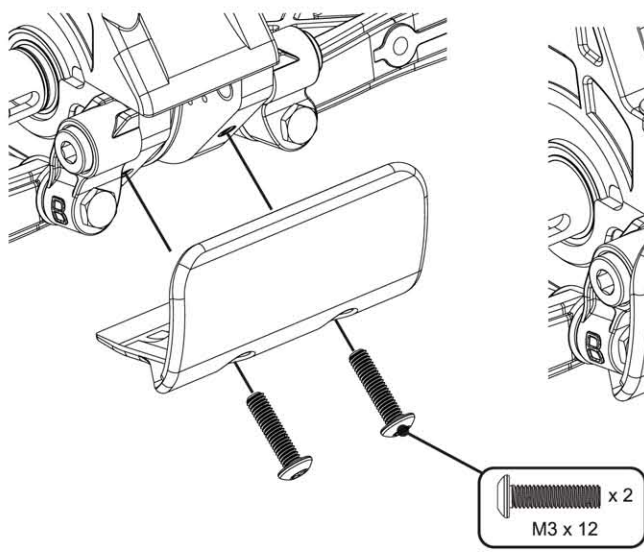


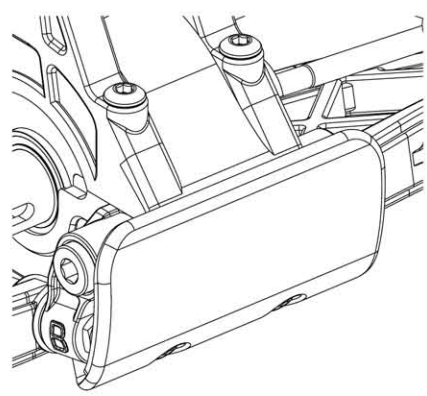


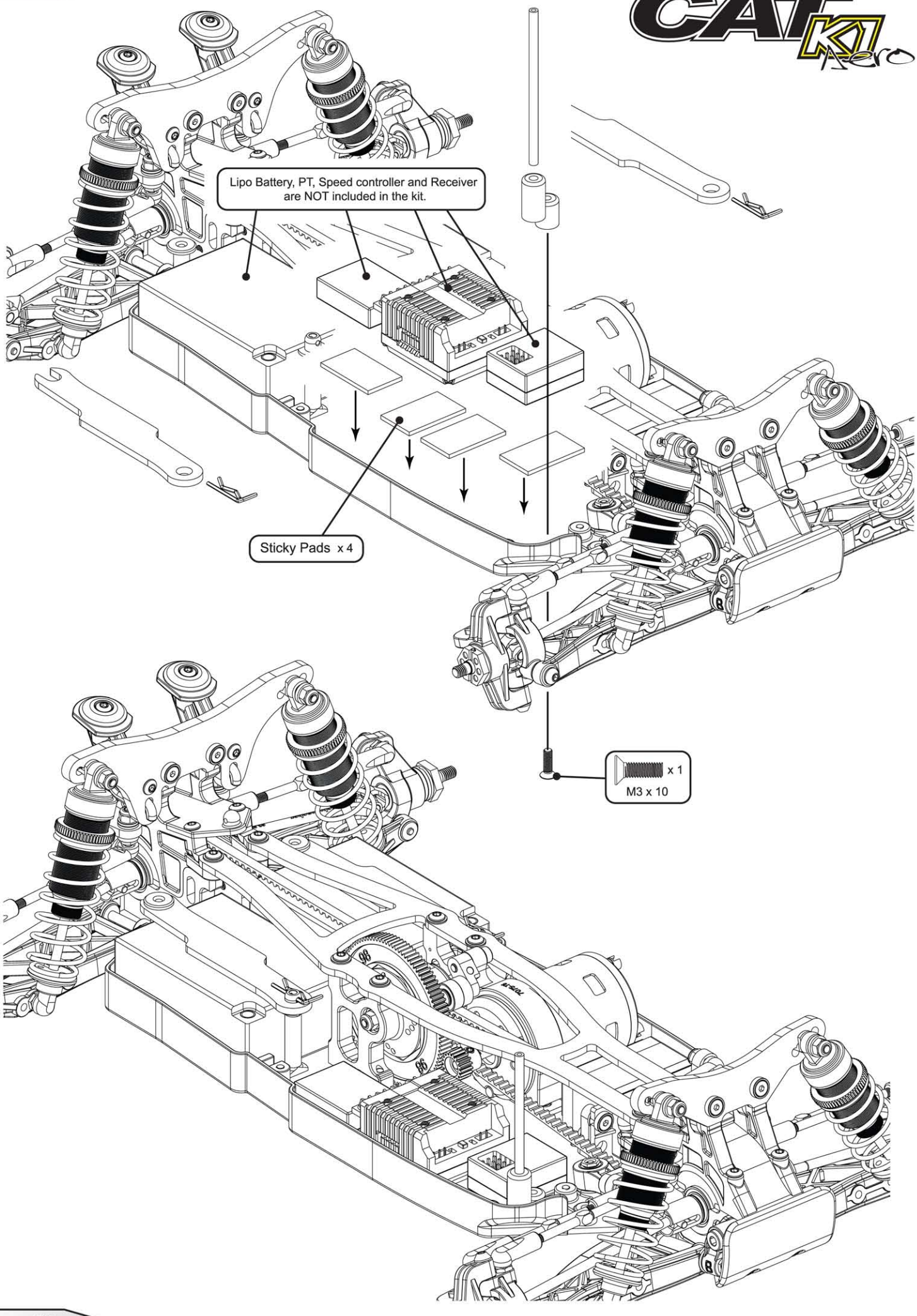
Step 43 C



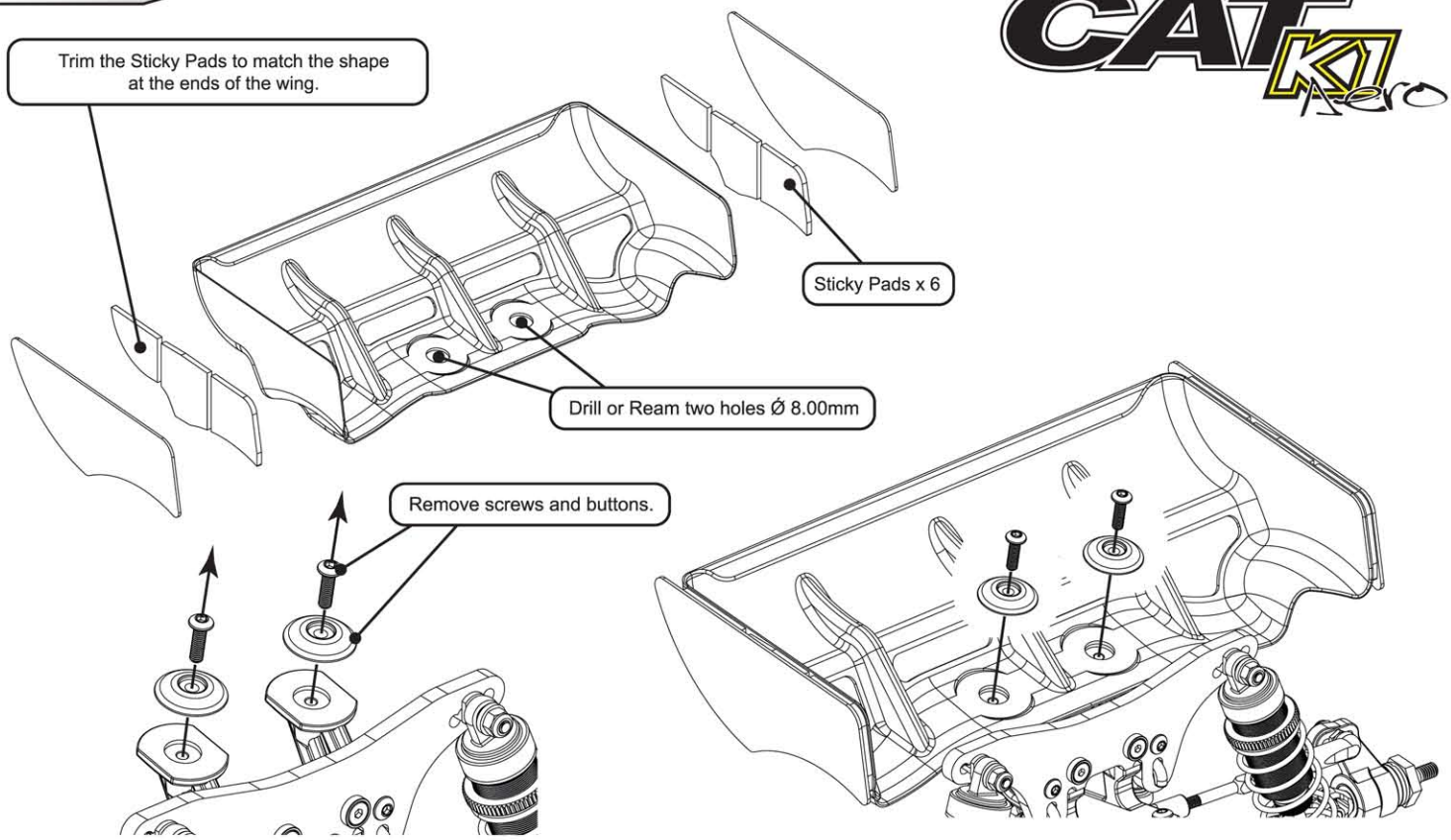




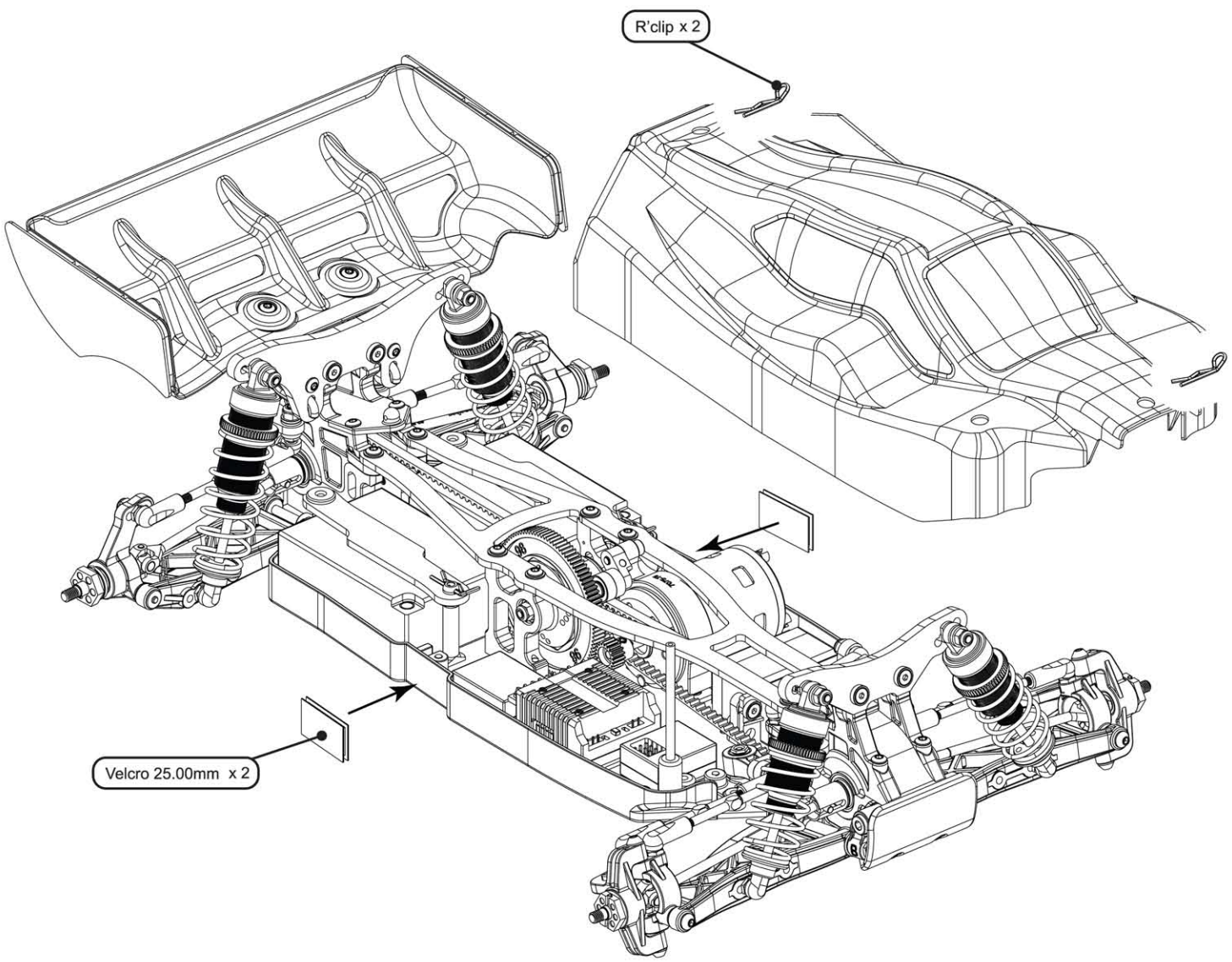


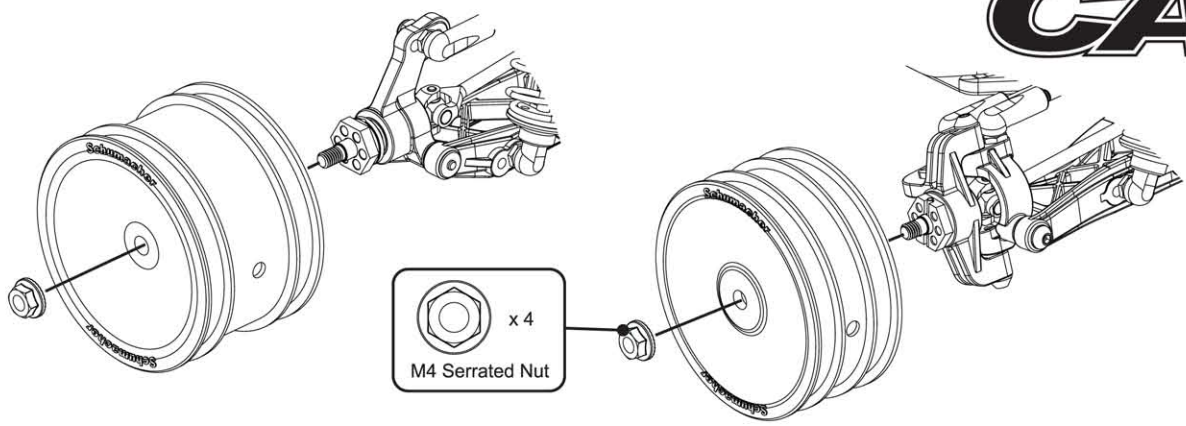

Lipo Battery, PT, Speed controller and Receiver are NOT included in the kit.
Sticky Pads x 4
x 1
M3 x 10

Step 45

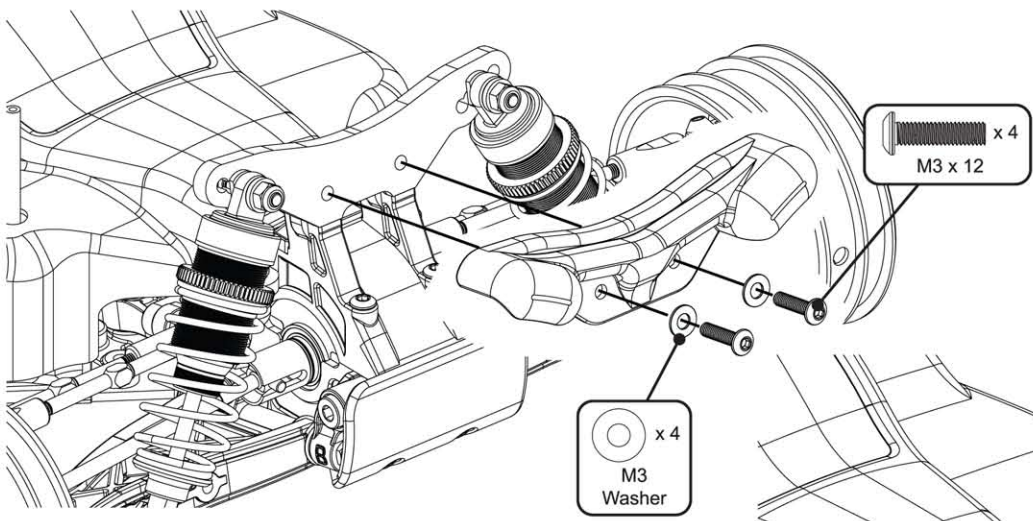


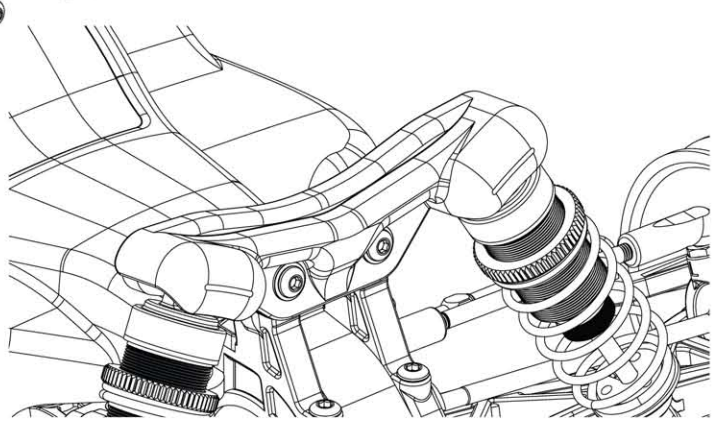
Step 46

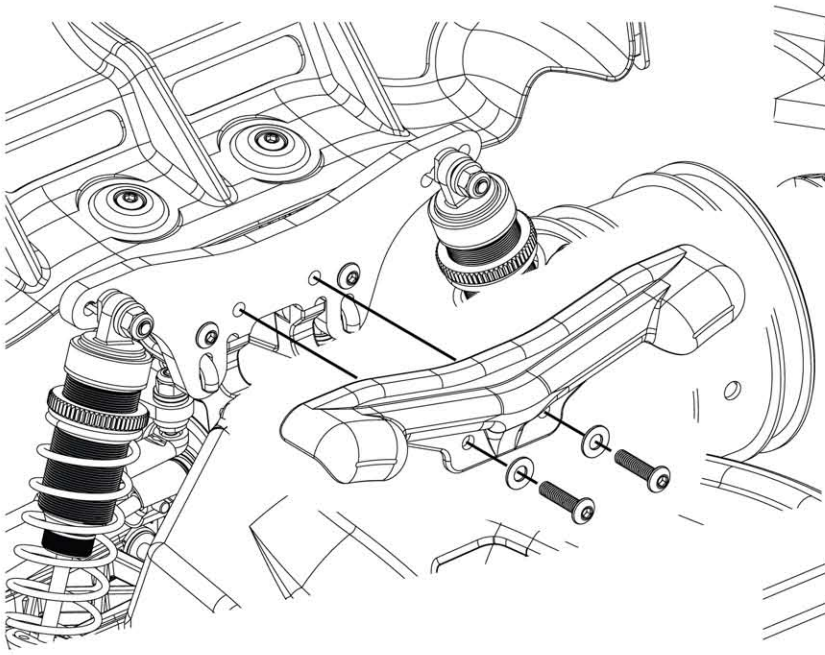


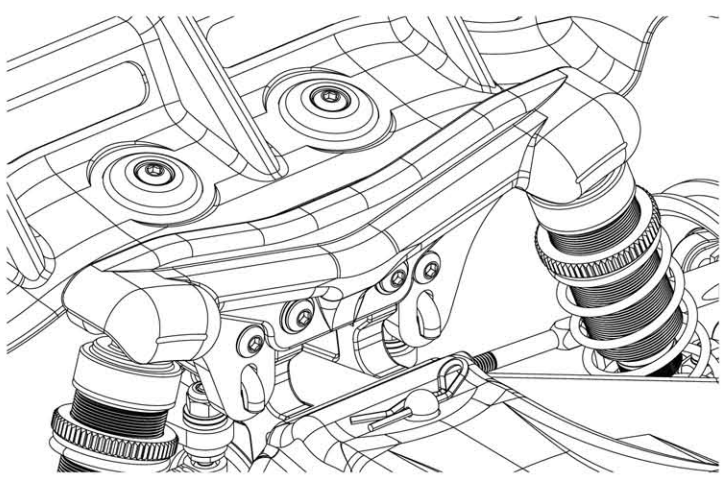


Optional shock covers









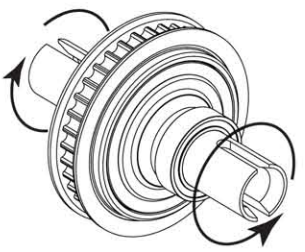
Gear Chart

Tooth Sum 109 Minimum and 122 Maximum

	14	15	16	17	18	19	20	21	22	23	24
98	12.60	11.76	11.03	10.38	9.80	9.28	8.82	8.40	8.02	7.67	7.35
95	12.21	11.40	10.69	10.06	9.50	9.00	8.55	8.14	7.77	7.43	7.13

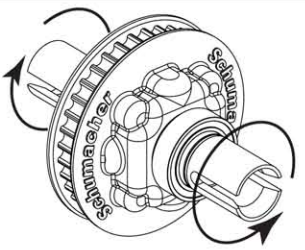
Ball Differential

For consistent performance it is vital that the differential action should be smooth and free. Diff adjustment is not a tuning aid and the diff should never be allowed to slip. A loose diff can usually be recognised by a "chirping" sound when powering away from turns or landing under power from large jumps. When rebuilding your ball differential we recommend using a U1954 thrust race and U3019 Ceramic Nitride balls for ultimate reliability and weight saving.



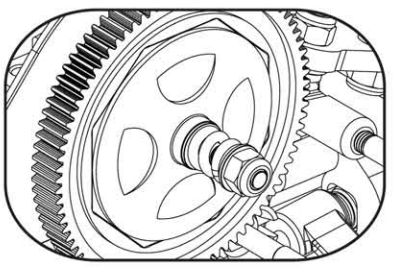
Gear Differential

Geared Diffs can give different driving characteristics. The handling of the diff is tuned by changing the oil. A recommended starting point is 12000 cSt (CR229). Recomended option oils would be 15,000 cSt (CR230) and 10000 cSt (CR222).
Changing to a thinner oil will give the car more straight line drive, thicker oil will give the car more stability.



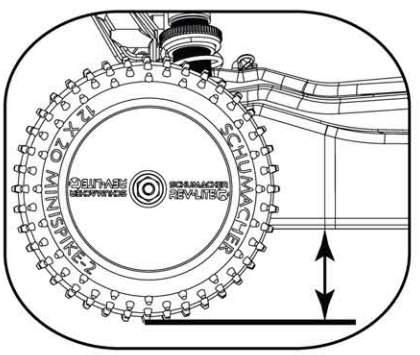
Slipper Clutch

On most tracks it is best to start with the slipper on a tight setting, and gradually loosen the spring tension, until you achieve the most consistent drive away from turns without spinning the car or pulling wheelies. Make sure you still have enough drive when launching the car from the up ramps. WARNING, do not run the slipper too loose as it could melt the plastic spur gear.



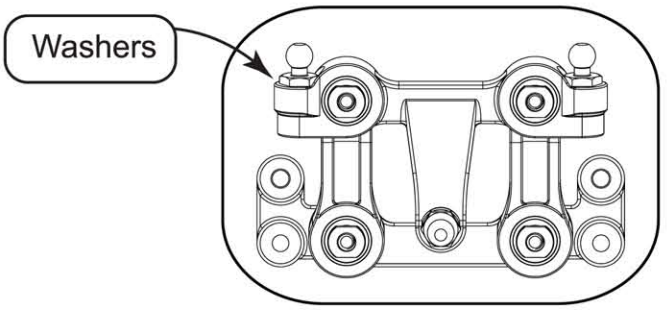
Ride Height

Use the spring adjusters on the shock absorbers to adjust the front and rear ride heights, We would recommend setting the ride height to around 20 mm with the car level. This is measured between the bottom of the chassis and the ground with the car in running trim. First press the car down on to the ground and release it once or twice to settle the suspension before adjusting the ride height. The chassis should be level when viewed from the side. Adjusting the spring collars does not increase or decrease the spring stiffness only the preload. So if the suspension needs to be softer or harder change the spring.



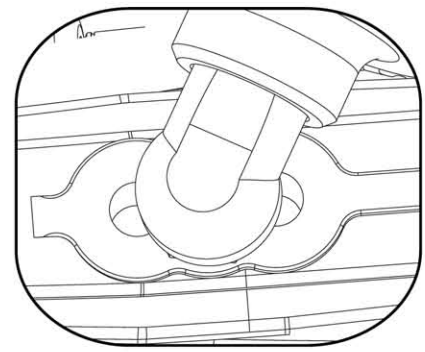
Ackerman Adjustment

The Ackerman can be adjusted by adding/removing washers from the ball studs mounted to the centre track rod. Moving the ball studs forward will increase steering on high speed corners at the expense of low speed steering. Moving the ball studs back will have the opposite effect.



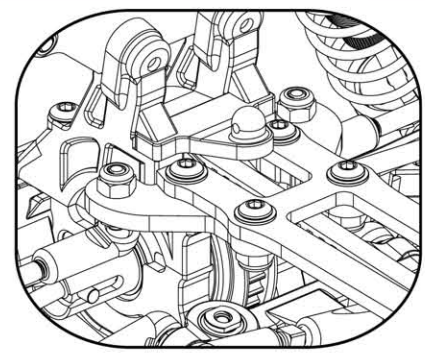
Front Wishbone Shock Mounting Hole

The middle hole in the wishbone is the standard setting for the lower shock absorber mounting. Moving the shock absorber to the outer hole increases the reaction of the steering as well as increasing the suspension stiffness, This position may cause a little too much initial turn in on corner approach. Using the inside hole will soften the suspension and also increase the total suspension travel, and will probably need spring and damping changes to make the best use of it. Anti roll bars are a good tuning aid when using different shock absorber positions on the wishbone.



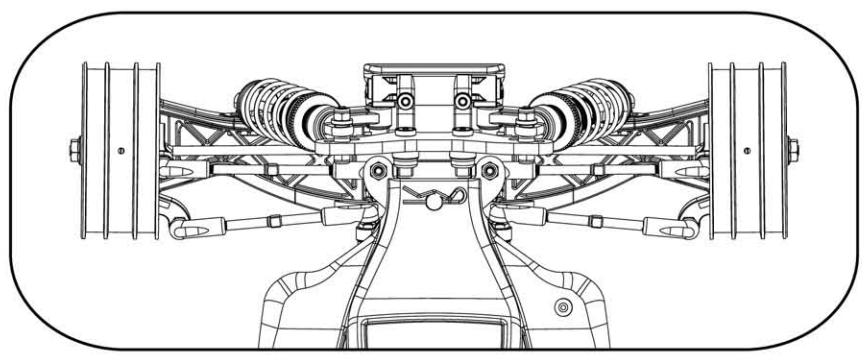
Front Camber Links

The kit front camber link po sition and length are the settings the Team recommend for most tracks. Using a long front link makes the front of the car roll more and will give less steering reaction at high speed. It is also not quite as good on very bumpy tracks. We would probably recommend this on fairly smooth high grip tracks. A shorter front link will make the car roll less and quicken the initial steering response. This is a better choice for bumpy low grip tracks. Lowering the inside ball stud will give a similar result to shortening the link, and raising it will give a similar result to lengthening the camber link, but with less total effect.



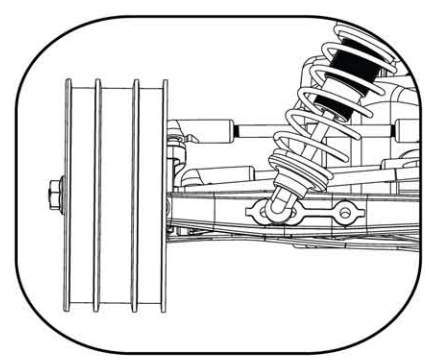
Front Toe in

Front toe in should be set to 0^{o} (both front wheels pointing straight ahead) this will be the best setting for most track conditions. Adding slight toe out will increase initial turn in. Whereas slight toe in will make this initial turn in a little softer.



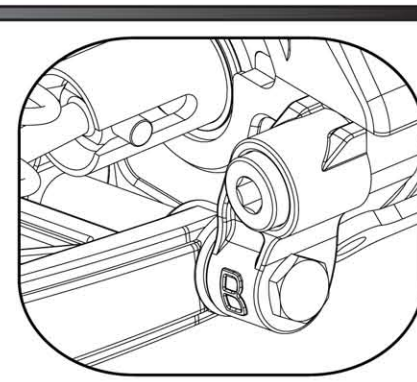
Front Camber

The usual team setting for static front camber is 1^{o} negative at ride height (the top of the wheel is leaning inwards towards the car). Increasing the static camber will generally increase the mid corner steering, whereas decreasing the static camber usually makes the car smoother to drive by reducing the steering response.



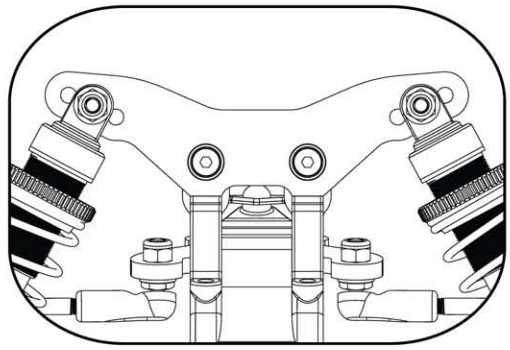
Front Rake

The std rake angle (kick up) is 10^{o} on the Cat and needs adding to the castor block angle to get the total castor angle. The standard car uses a 10^{o} castor block making the standard car 20^{o} in total; this can be increased to 22.5^{o} by using the optional 12.5^{o} castor block. Or 17.5^{o} by using the optional 7.5^{o} castor block. Using more castor gives better corner entry steering but less power on steering at corner exit, and will make the steering feel a little softer. There is also the 7.5^{o} Rake blocks which again will reduce the total castor angles by 2.5^{o}.



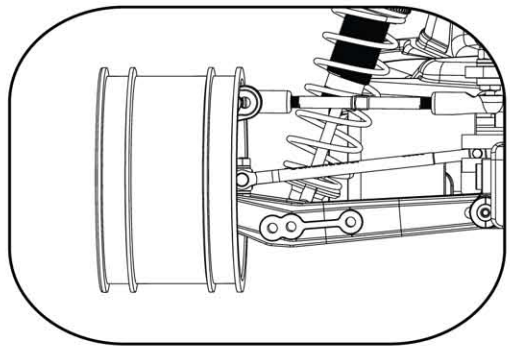
Front Shock Mount

The middle hole on the front shock mount is the most widely used position. Moving the shock to the outer position will make the car react faster and increase the initial steering response, it will however, stiffen the suspension which may require an oil and spring change so that the cars suspension feels the same. By moving the shock to the inner hole will soften the suspension and slow down the steering reaction and make the car smoother on bumpy tracks. You may need to alter the oil and spring combination to get the suspension correct again.



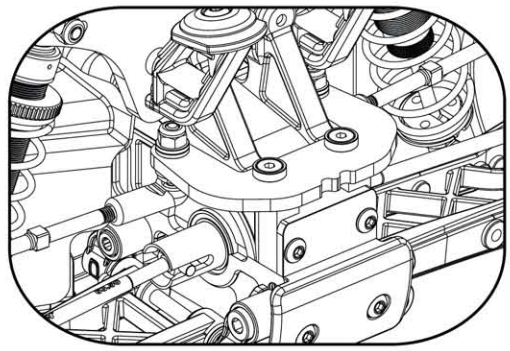
Rear Camber

The usual team setting for static rear camber is 1° negative at ride height (the top of the tyre leaning inwards towards the car). Increasing the static rear camber will increase the traction when exiting the turns, but will be less stable at high speed.
Decreasing the camber will reduce stability and traction in the turns but will be more stable at high speed. (Some drivers believe that adding slight positive camber where the tyre leans out at the top away from the car, will improve straight line traction on loose surfaces)



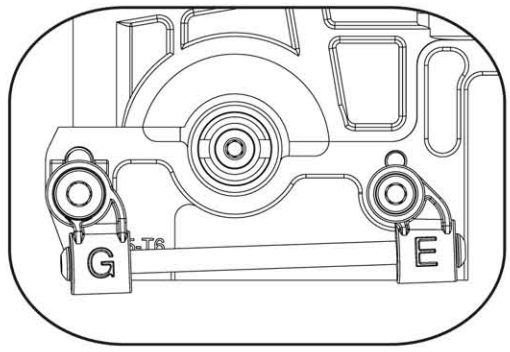
Rear Camber Link

The kit build rear camber link setting is the best compromise for most tracks. This is the middle link option and gives good stability and straight line traction while allowing the rear of the car to free up on high speed turns. This reduces power on under steer on high grip tracks.
Shortening the rear camber link will make the rear of the car roll less in the corners, and square up faster when accelerating away from tight turns, longer links are generally used on high grip tracks and shorter links on low grip tracks. Lowering the inside ball stud will give a similar result to shortening the link, and raising it will give a similar result to lengthening the camber link, but with less total effect.



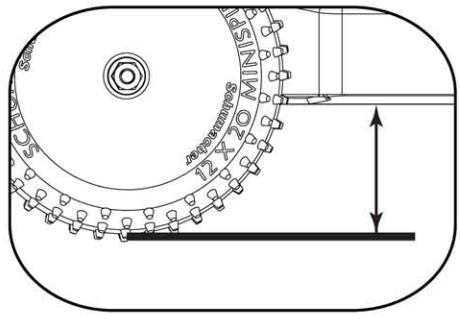
Rear Anti Squat

The standard anti squat is set at 2°. The Team have found that this works best on most tracks, and With optional parts this can be increased or decreased. Generally less anti squat allows the suspension to work better over the large bumps but usually gives less power on traction. Adding more antisquat gives more forward traction up to the point where the car starts to pull wheelies. Backing off the slipper is not always an option to compensate for this as good initial bite is needed to clear big jumps. Adding more antisquat seems to make the car handle better over small ripples but not so good on the tracks with large bumps.



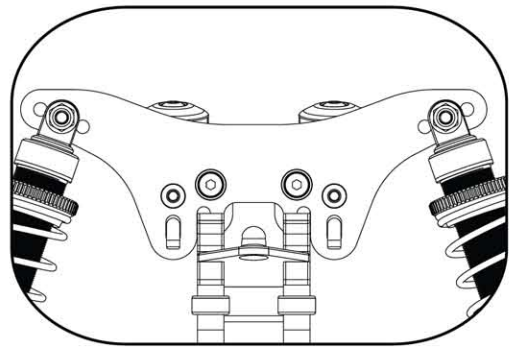
Ride height

Use the spring adjusters on the shock absorbers to adjust the front and rear ride heights. We would recommend setting the ride height to around 23 mm with the car level. This is measured between the bottom of the chassis and the ground with the car in running trim. First press the car down on to the ground and release it once or twice to settle the suspension before adjusting the ride height. The chassis should be level when viewed from the side. Adjusting the spring collars does not increase or decrease the spring stiffness only the preload. So if the suspension needs to be softer or harder change the spring.



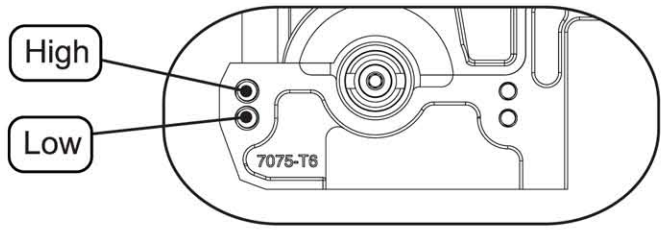
Rear Shock Mount

The middle hole on the shock mount gives best all round results. Moving the shock to the outer hole will stiffen the suspension and increase the reaction of the steering. The downside is less compliance over bumpy sections of the track. Moving the shock to the inboard position softens the suspension and will slow the steering reaction making the car smoother over the bumps. Moving the shock to these holes may require an oil or spring change to maintain the suspension performance.



Rear Pin Hieght

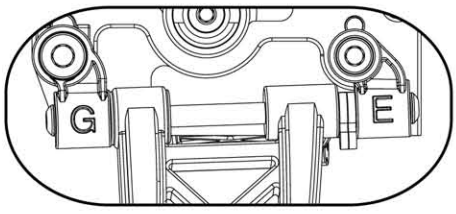
The Low position is Factory Standard and is suitable for most tracks and conditions.
The High position can give more stability on low grip or very bumpy tracks.



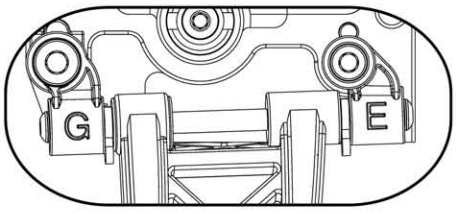
Wheel Base Adjustment

The Cat has 3 wheelbase options at the rear, short, med and long, The adjustment is provided by re positioning the quick clips on the wishbone pin. Moving the rear wishbones forward will give more traction at the expense of stability over rough sections of the track. and moving the wishbone to the middle or rear position usually improves stability over the rough sections, running the car in long wheelbase form also free's up the car on sweeping sections of the track.

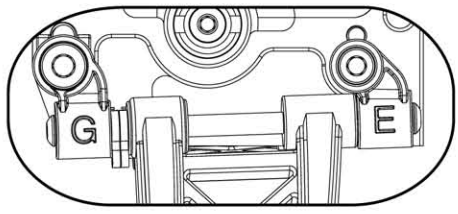
LONG



MED

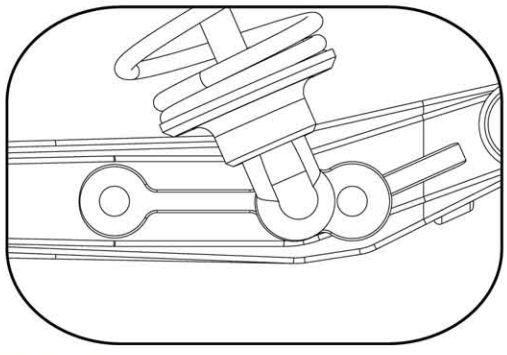


SHORT



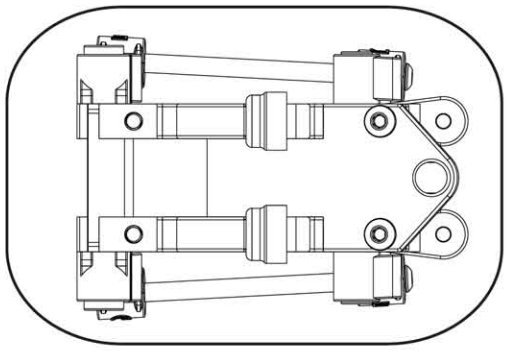
Rear Wishbone Shock Mounting Hole

The inner hole works best for most track conditions giving good traction and drive through the turns whilst maintaining good stability over the bumps. Moving to the outer hole on the wishbone will decrease traction but will allow the rear to free up more in the turns. This setting would usually only get used on high grip tracks and when moving the shock out you may have to change the oil and spring settings to get the same suspension feel.



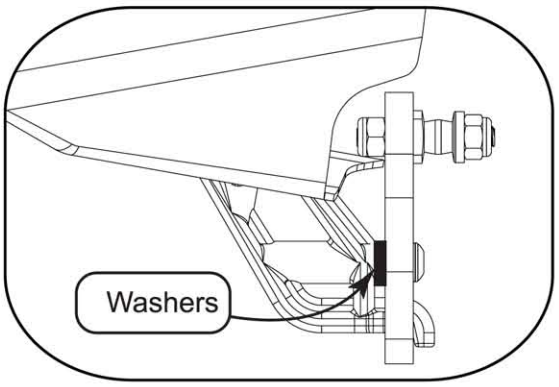
Rear Toe-in

The standard rear toe in is 3º this is a good compromise between forward traction and the car binding in the turns, this setting is fine for most tracks. You can alter the toe in with option blocks. If you are running too much toe in your car may suffer from instability at high speeds, decreasing the toe in will reduce forward traction but will free the car up in the turns. Usually the Team use less toe in on high grip tracks and more for low grip tracks.



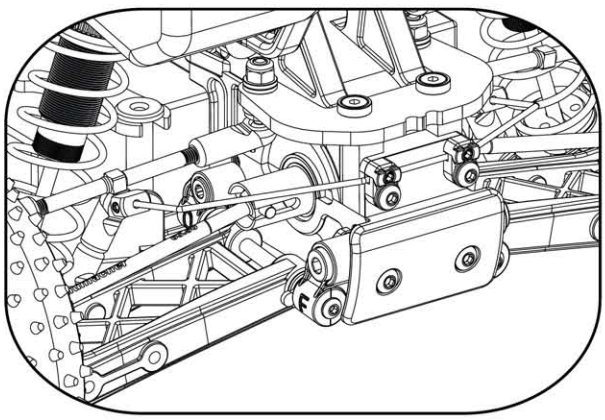
Rear Wing Angle

Removing the washers at the front of the wing mount will give the wing more angle and increase rear downforce, adding washers will level the wing out giving less downforce.



Roll Bars

Anti roll bars are an often overlooked set up aid that allows fine tuning of the suspension without major changes to the shock and spring settings. They are mainly used to add roll stiffness to the car without affecting the handling on bumps and jumps. Running roll bars allows you to run softer suspension on bumpy tracks while reducing the roll in corners thus maintaining stability through the turns.



CAT K1 Aero

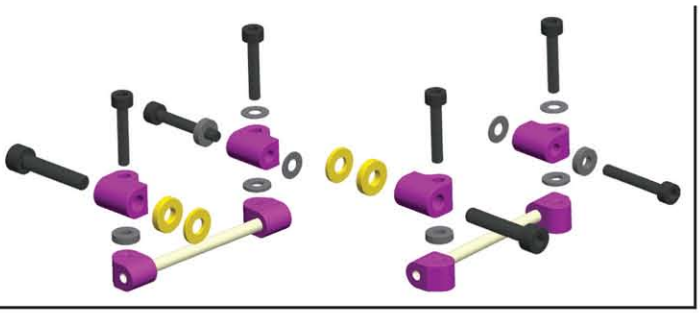


Tyres NOT Incuded

Pivot Block M4; Front 10 degree - Cat SX
U3556



U4160 Rear Alloy Block Conversion Set - CAT K1





U4327 Alloy Servo Mount Black
U3490 Alloy Servo Mount Purple

Purple Alloy Options

U3304
Purple Pivot Block C; Front - CAT SX pr

U3313
Wishbone Tube Purple - CAT SX pr

U3323
Small Bore Seal Hsg Purple; Off Road pr

U3324
Small Bore Top Cap Purple; Off Road pr

U3611 CNC Alloy Shock Spring Seat (pr)



U4169 CF Link Mount; Rear 33.50mm
U4138 CF Link Mount; Rear (Kit) 38.00mm
U4170 CF Link Mount; Rear 42.50mm



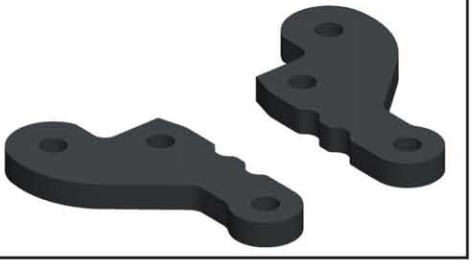
U3597 Wishbone; Front Stiff - Cat SX2 pr



U4166 Wishbone; Rear Stiff - Cat K1 pr



U4167 CF Link Mount; Front 33.50mm
U4139 CF Link Mount; Front (Kit) 38.0mm
U4168 CF Link Mount; Front 42.50mm



U4133 - FAB Front Adjustable Brake Set - CAT-K1
U4345 - FAB Layshaft - CAT K1
U4346 - FAB Rebuild Kit - CAT K1
U4347 - FAB Front Pulley with One Way Bearing - CAT K1
U4348 - FAB Drive and Back Slipper Plates - CAT K1
U4349 - FAB Rear Pulley - CAT K1



U3404 Alloy Yoke; 7.5deg - Cat SX (pr)



U3605 Alloy Hubs 1° (Pair)

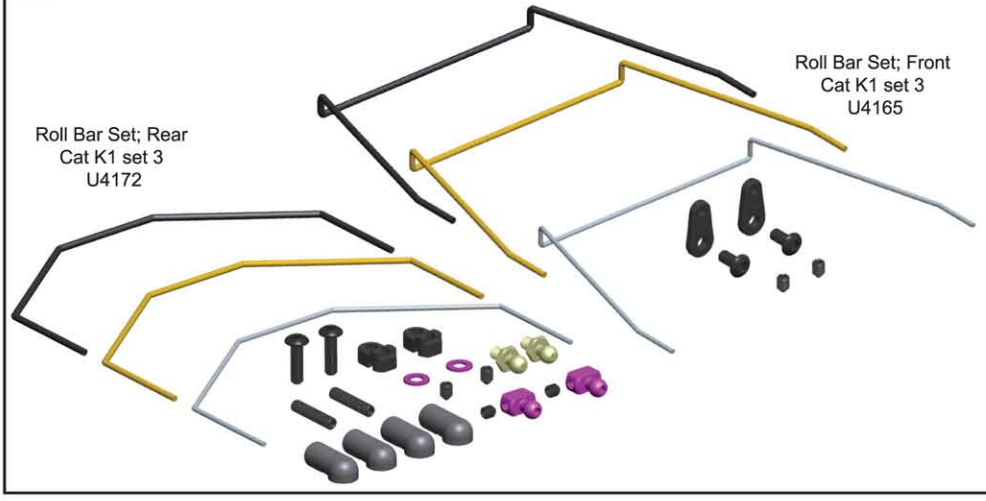




Ball Differential
U3852 - Diff Output; Male - CAT SX3
U3853 - Diff Output; Female - CAT SX3
U3854 - Diff Screw Set; HD
U4196 - Diff Pulley & Fences - CAT K1
U4199 - Diff HD - Assembled - CAT K1

Roll Bar Set; Rear
Cat K1 set 3
U4172

Roll Bar Set; Front
Cat K1 set 3
U4165





Purple Titanium Turnbuckles (pair)
U1573 - Titanium Turnbuckle (pr) - 53mm
U1574 - Titanium Turnbuckle (pr) - 60mm
U2053 - Titanium Turnbuckle (pr) - 24mm

U4163 Gear; CNC 95T Spur - Slipper
U4185 Gear; CNC 98T Spur (Kit) - Slipper



U4158 - M4 x12 Alloy Cap Hd Purple



U4173 True C.V. Driveshaft; Front - CAT pr





U4162
Centre Track Rod; CNC Alloy - CAT K1



Assembled Small Bore Shocks
U4152 - Front
U4153 - Rear

U4164
Alloy Mount; Front Upper Trans - Cat K1 pr





U4171
Alloy Mount; Rr Upper - Cat K1 pr

U1300
Axle Grease
The best general grease
for many applications.

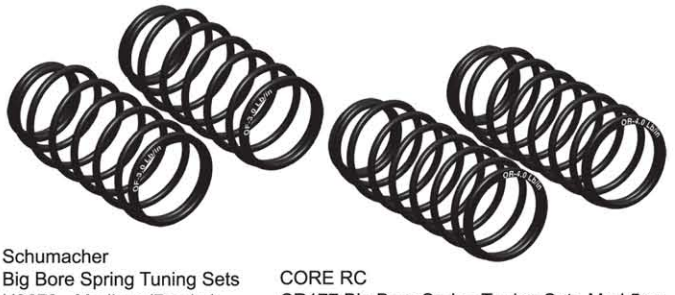




CORE RC
Serrated M4 Nuts
CR024 - Steel pk4
CR035 - Alloy Blue pk4
CR036 - Alloy Violet pk4
CR196 - Alloy Black pk4



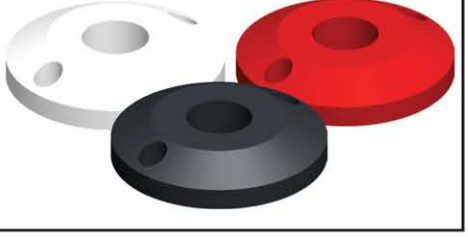
U2856 - Sticky Cable Clips (Pk 10)



Schumacher
Big Bore Spring Tuning Sets
U3673 - Medium (7 pairs)
U3674 - Long (6 pairs)

CORE RC
CR177 Big Bore Spring Tuning Set; Med 5prs
CR178 Big Bore Spring Tuning Set; Long 5prs

Small Bore Taper Pistons
U4125 1.2mm - White pr
U4126 1.3mm (Kit) - Black pr
U4127 1.4mm - Red pr





U1957
Moly Grease
U1301
Silicone Diff Lube



U3782
HD Shock
Diaphragms



Big Bore Rounded
Shock Pistons
U3770 - 3 Hole Pistons (pair)
U3771 - 5 Hole Pistons (pair)



Big Bore Standard
Shock Pistons
U3670 - 2 Hole Pistons (pair)
U3671 - 4 Hole Pistons (pair)
U3672 - 6 Hole Pistons (pair)



U4130 - Vented Shock Caps - Small Bore - (Pr)
U4209 - Vented Shock Caps - Big Bore - (Pr)

4WD Front Mini Pin



U6601 - Blue Compound (pair)
U6607 - Yellow Compound (pair)
U6777 - Silver Compound (pair)

Front Mini Spike 2



U6515 - Green Compound (pair)
U6517 - Blue Compound (pair)
U6557 - Yellow Compound (pair)
U6762 - Silver Compound (pair)

2.2" Front Full Spike



U6595 - Yellow Compound (pair)

4wd front 2" Block



T693 - Blue Compound (pair)

Rear Mini Pin



U6602 - Blue Compound (pair)
U6608 - Yellow Compound (pair)
U6778 - Silver Compound (pair)

Rear Mini Spike 2



U6516 - Green Compound (pair)
U6518 - Blue Compound (pair)
U6558 - Yellow Compound (pair)
U6763 - Silver Compound (pair)

2.2" Rear Full Spike



U6596 - Yellow Compound (pair)

4wd Rear 2" Block



T692 - Blue Compound (pair)
U6786 - Yellow Compound (pair)

Wheels

U4365 - Wheel Hex Rear - (black) - Off Road - (pr)
U4366 - Wheel Hex Rear - (white) - Off Road - (pr)
U4495 - Wheel Hex Front -(black) - 4wd - (pr)
U4496 - Wheel Hex Front -(white) - 4wd - (pr)



Pre-Glued

U6791 - Mini Pin - Front - Yellow - Pre-Glued
U6792 - Mini Pin - Rear - Yellow - Pre-Glued
U6793 - Mini Spike - Front - Yellow - Pre-Glued
U6794 - Mini Spike - Rear - Yellow - Pre-Glued



		Tarmac	Carpet	Dry Astro	Dry Grass	Wet Grass	Wet Astro
2wd Slim Cut Stagger	U6759		●●	●●●	●●●		
	U6765					●●●	●●
2wd Low Profile Slim Cut Stagger	U6770		●●	●●●	●●●		
	U6771					●●●	●●
	U6775					●●	●●●
	U6776	●●					
2wd Slim Mini Spike 2	U6581		●●	●●●	●●●		
	U6550			●		●●●	●●
	U6549	●●				●●	
	U6761					●●	●●●
2wd Slim Mini Pin	U6609	●	●●●	●●			
	U6779					●●	●●●
4wd Front Mini Spike 2	U6557	●	●●	●●●	●●●		
	U6517	●●			●●●	●●●	
	U6515			●		●●●	●●
	U6762					●●	●●●
4wd Front Mini Pin	U6607	●	●●●	●●			
	U6601	●●●	●				
	U6777					●●	●●●
2.2" Rear Full Spike	U6596				●●		
Rear Mini Spike 2	U6558	●	●	●●●	●●●		
	U6518	●●●			●●	●●	
	U6516			●		●●●	●●
	U6763					●●	●●●
Rear Mini Pin	U6608	●	●●●	●●			
	U6602	●●●	●				
	U6778					●	●●●
Rear 2" Block	U692	●●					
	U6786			●●●			

Excellent Grip ●●● Good Grip ●● Fair Grip ●

Off-Road Inserts

CR141 Red Moulded Insert; 1/10 Off Rd Rear
CR142 Red Moulded Insert; 1/10 Off Rd 4WD Front

U6653 - GREY Foam Tyre Insert; Hard - Rear - CAT (pr)
U6667 - GREY Foam Tyre Insert; Hard - Slim 2WD (pr)
U6668 - WHITE Foam Tyre Inserts; Soft - Ultra Wide (pr)
U6669 - GREY Foam Tyre Inserts; Hard - Ultra Wide (pr)
U6733 - BLUE Foam Tyre Insert; Med - Front - CAT (pr)
U6734 - BLUE Foam Tyre Insert; Med - Rear - CAT (pr)
U6746 - BLUE Tubby Insert; Med Front - CAT (pr)
U6747 - BLUE Tubby Insert; Med Rear - CAT (pr)
U6738 - BLUE Foam Tyre Insert; Med - Slim 2WD (pr)





3 Layer Soft Shell Team Jacket - Black

G339XS	Extra Small - 34 inch chest
G339S	Small - 38 inch chest
G339M	Medium - 41 inch chest
G339L	Large - 44 inch chest
G339XL	X Large - 46 inch chest
G339XXL	XX Large - 48 inch chest
G339XXXL	XXX Large - 50 inch chest



Team Hooded Sweatshirt - Navy Blue

G343S	Small
G343M	Medium
G343L	Large
G343XL	Extra Large



G352 Schumacher Team Umbrella



Caps - Black

G340	Schumacher Baseball Cap
G341	Schumacher Flat bill Cap



2013 Team Polo Shirt - Navy blue

G344S	Small
G344M	Medium
G344L	Large
G344XL	X Large
G344XXL	XX Large
G344XXXL	XXX Large
G344XXXXL	XXXX Large
G344XXXXXL	XXXXX Large



2013 Team T-Shirt - Navy blue

G342S	Small
G342M	Medium
G342L	Large
G342XL	X Large
G342XXL	XX Large
G342XXXL	XXX Large
G342XXXXL	XXXX Large
G342XXXXXL	XXXXX Large



G338 2 Tone Beanie Knitted Hat



G351 Schumacher Thermo Mug



G315 Schumacher Pit Towel
ED199206 EDS Pit Towel 110 x 70cm



G310
Schumacher Rubber Pit Mat
750mm x 500mm



S500B - Team Schumacher Banner 3ft x 6ft