COUGAR KF

Instruction Manual



Schumacher
racing-cars.com

71-73 Tenter Road
Moulton Park
Northampton
NN3 6AX
U.K.

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

COUGAR KF

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

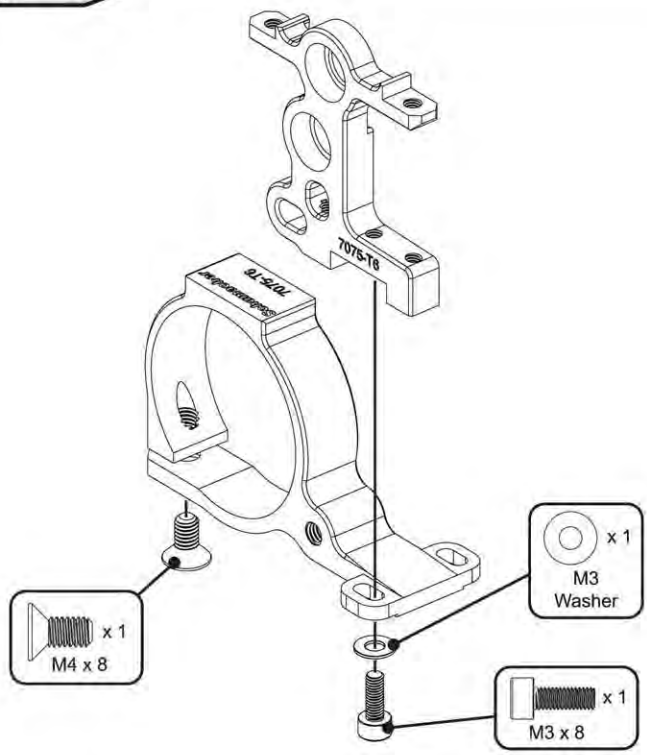
PLEASE NOTE THAT SOME OF THE PRODUCT RANGES BELOW ARE ONLY AVAILABLE IN THE UNITED KINGDOM.

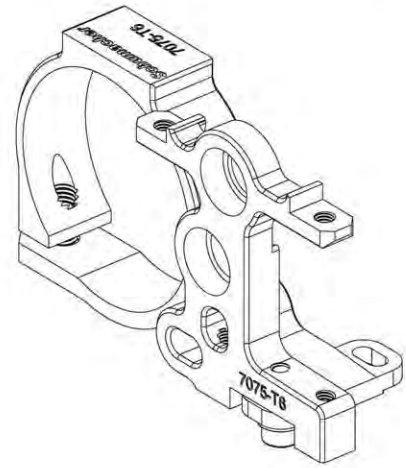
SPEC R
Eastcoast Bodies Tune
CS-ELECTRONIC
TEAM SOREX
ARROWMAX
CORE-RC.COM
NOSRAM
Speed Passion
FTW
HOBBYWING
RHEINARD 33D
MonTech Racing
THUNDER POWER RC
EDS Specialized R/C Tools
contact RC RACING TYRES

IMPORTANT SAFETY NOTES

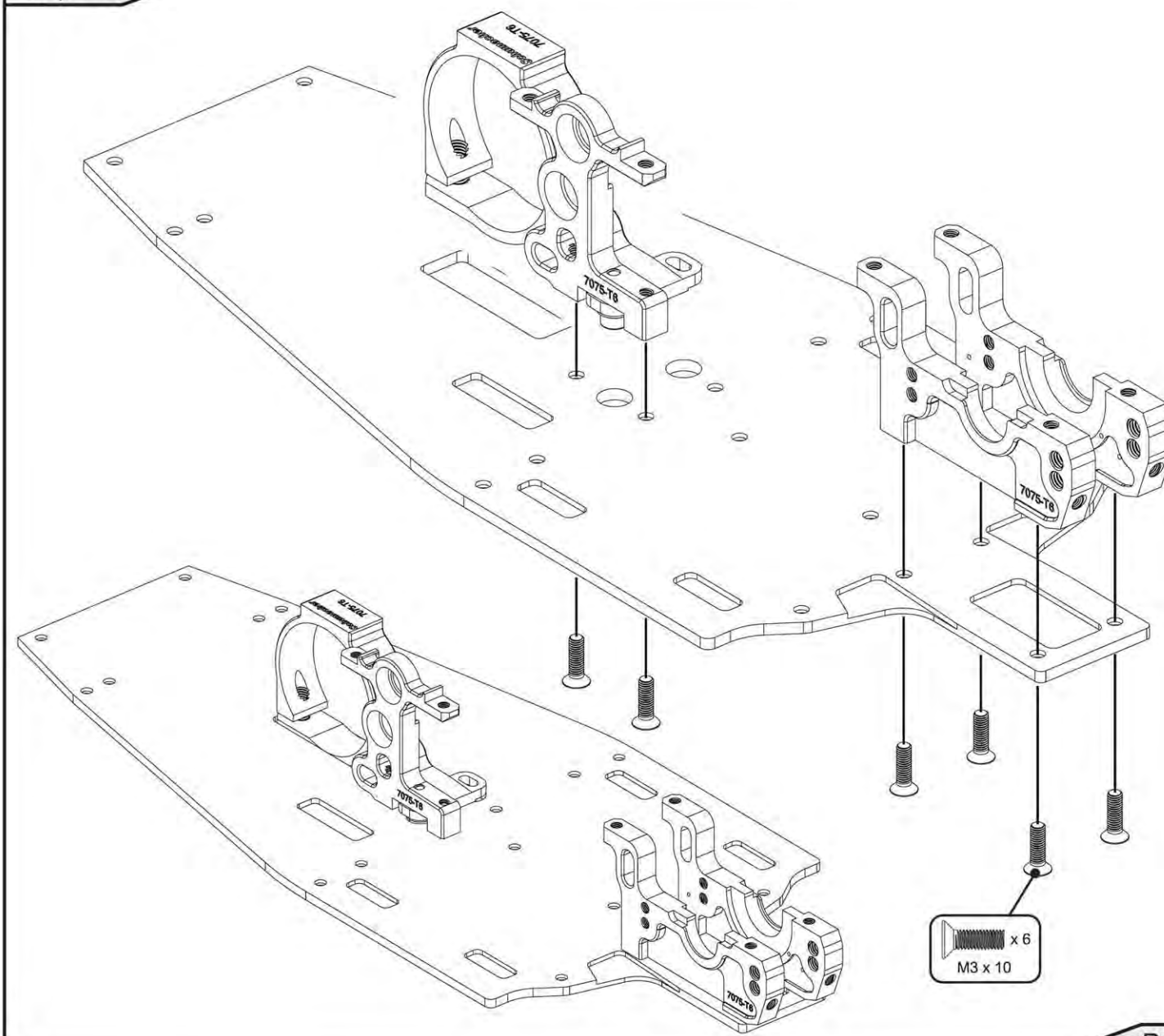
- This product is not suitable for children under the age of 14, without the direct supervision of an adult.
- Select an area for assembly that is away from the reach of small children. The parts in this kit are small and can be swallowed by children causing choking and possible internal injuries.
- 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

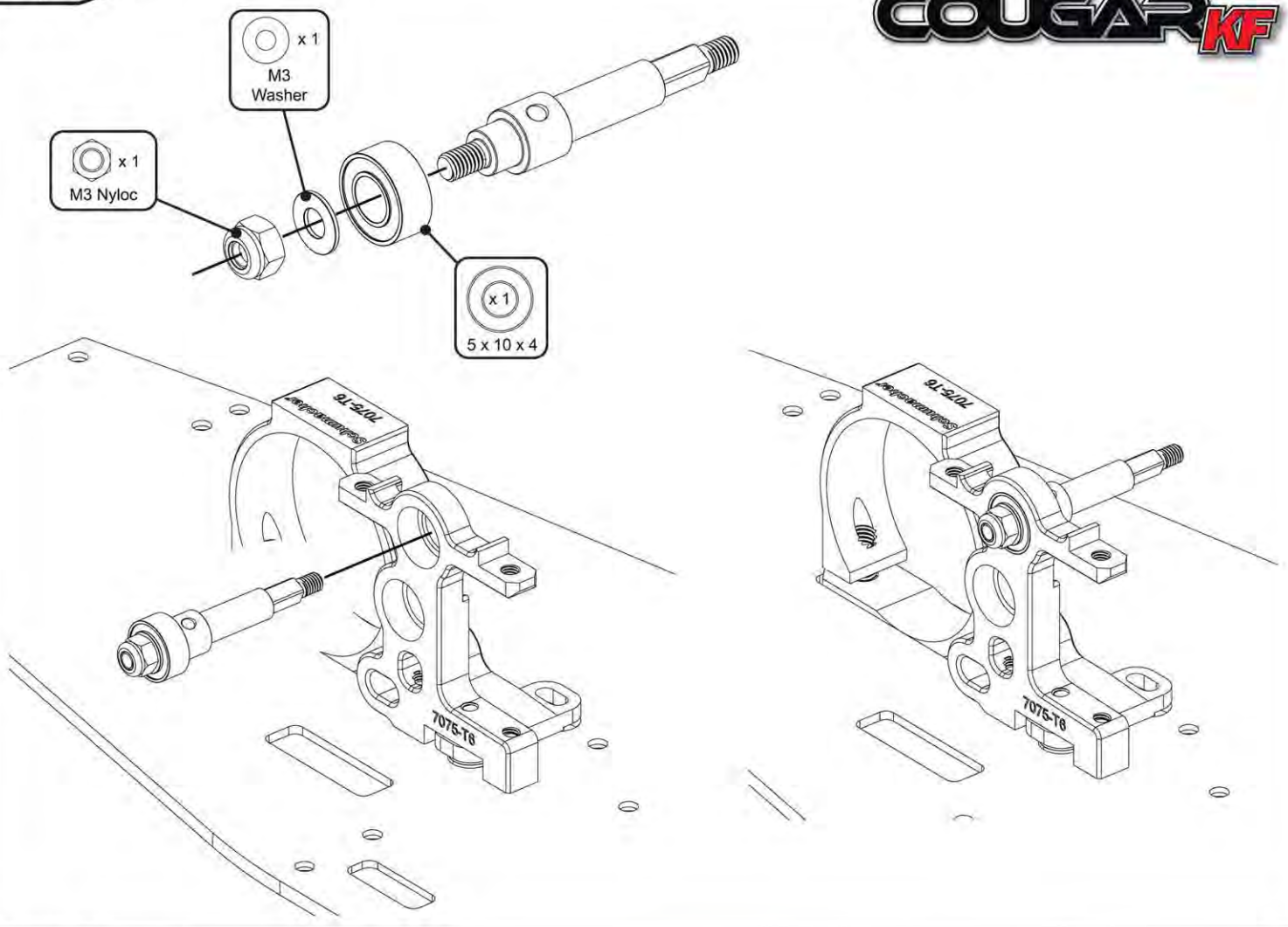




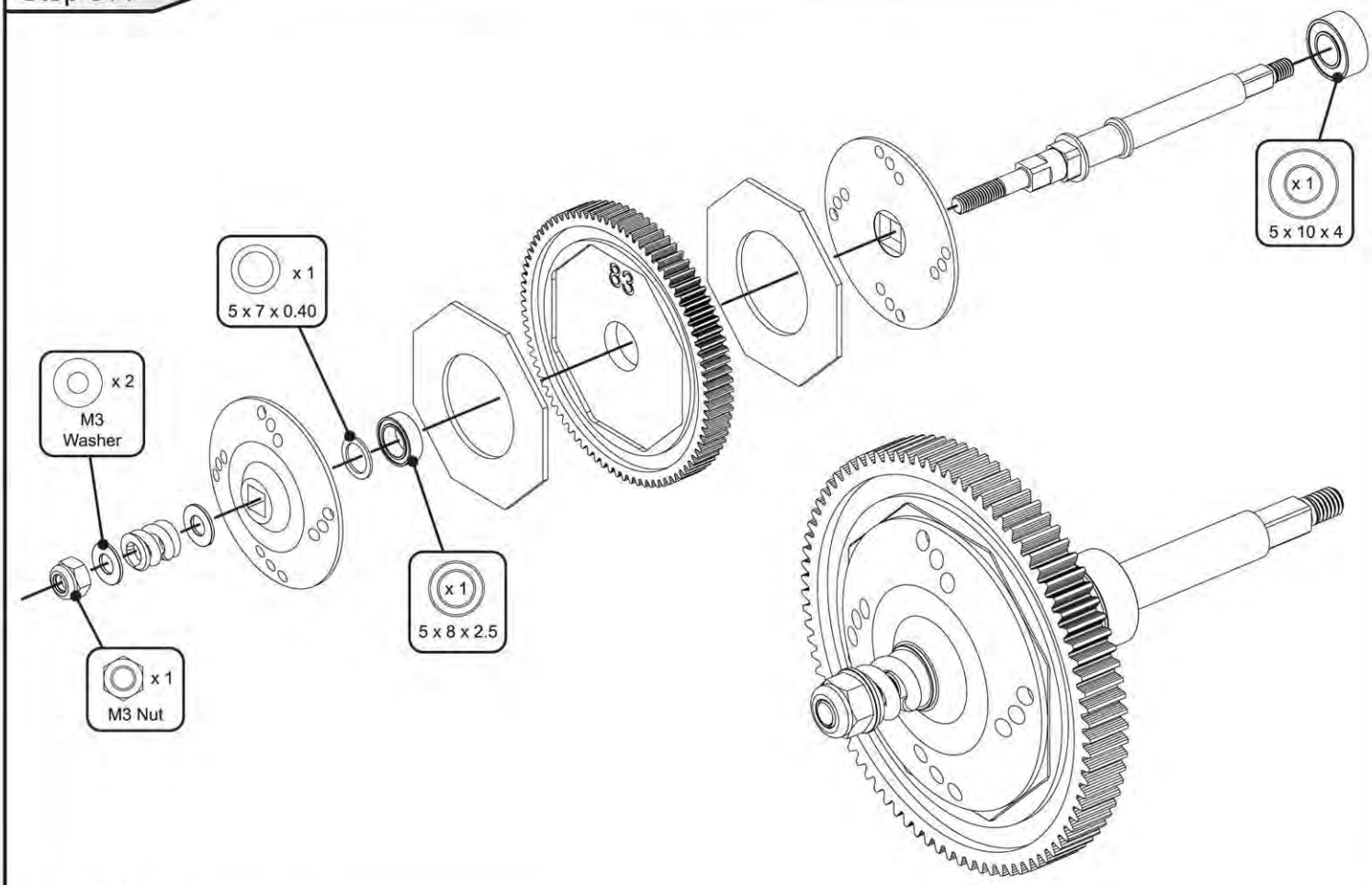
Step 1 B



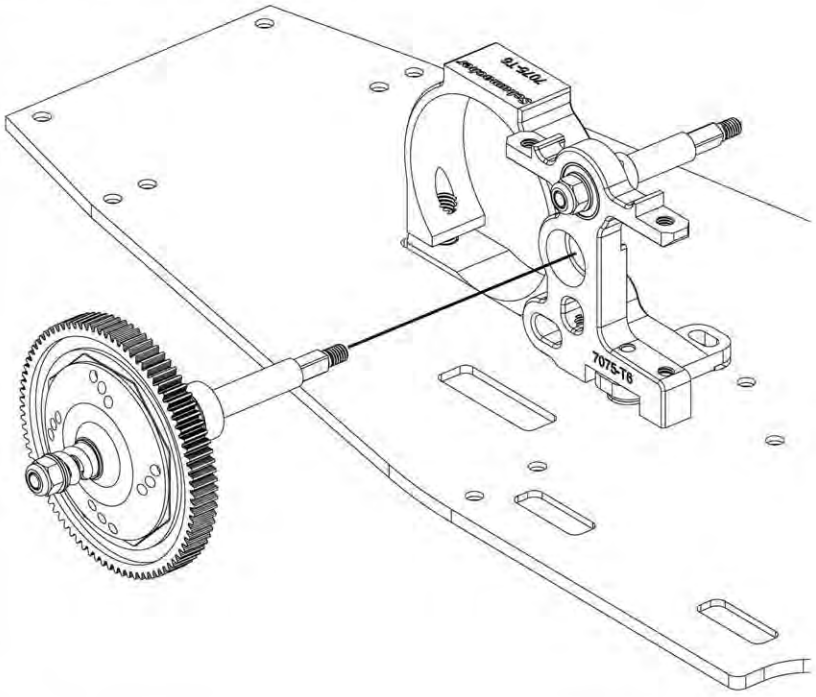
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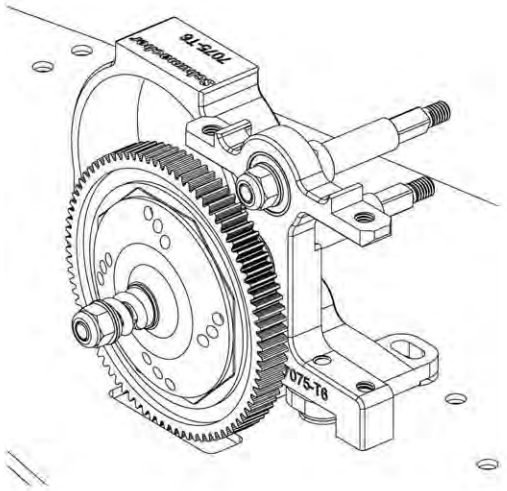


Step 3 A

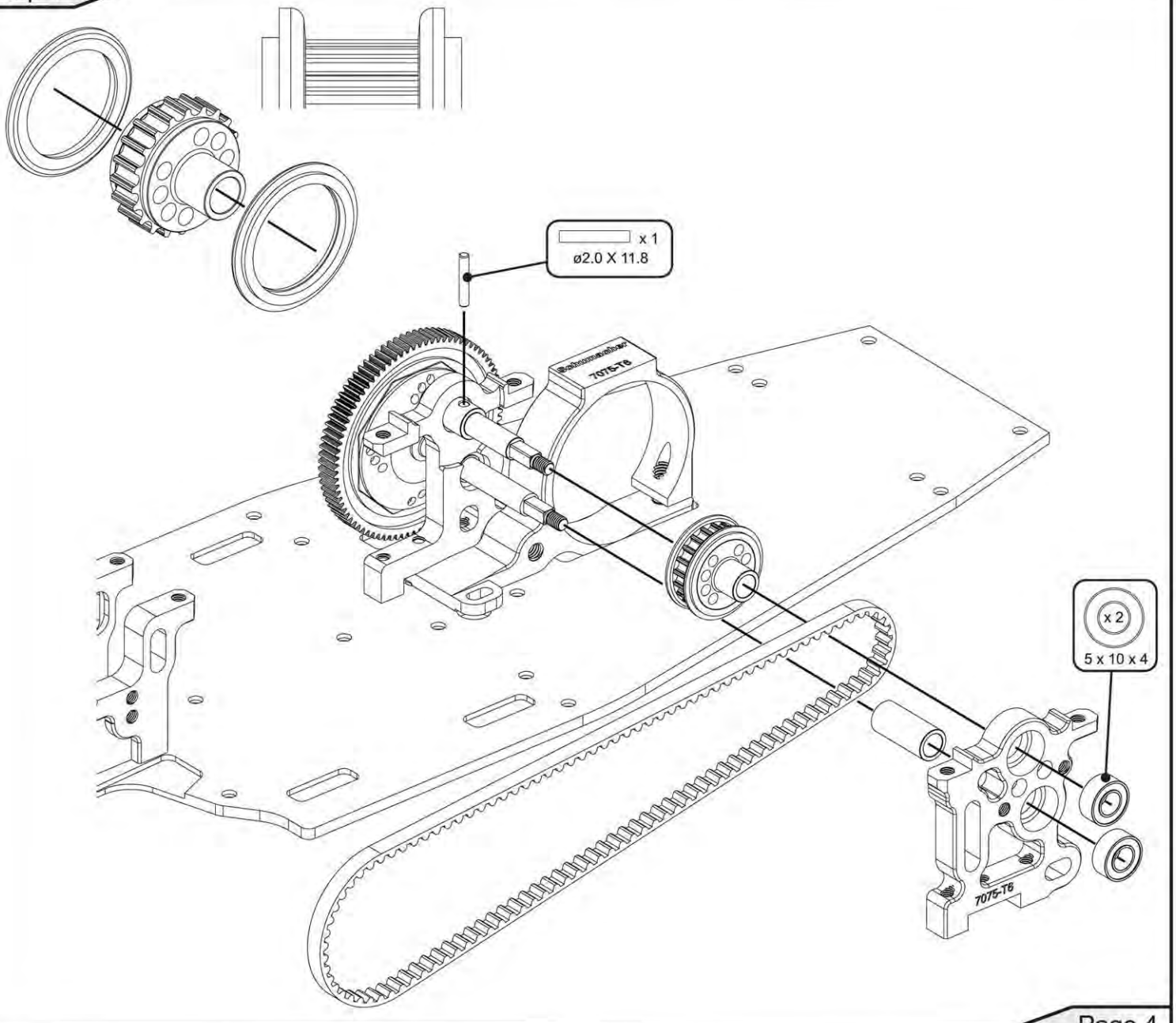


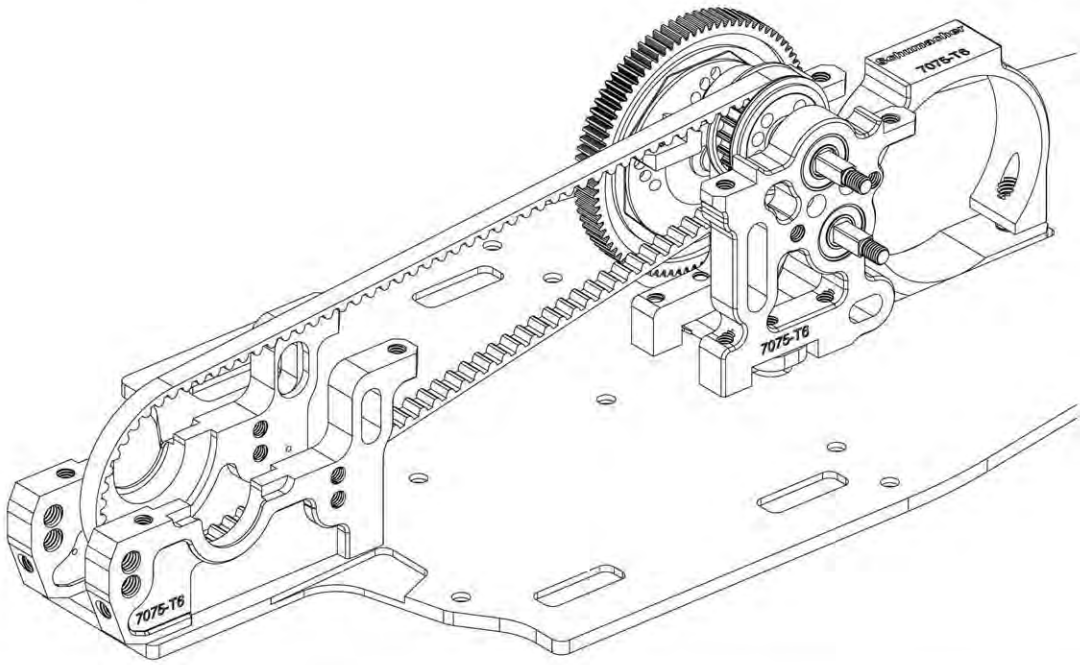
Step 3 B



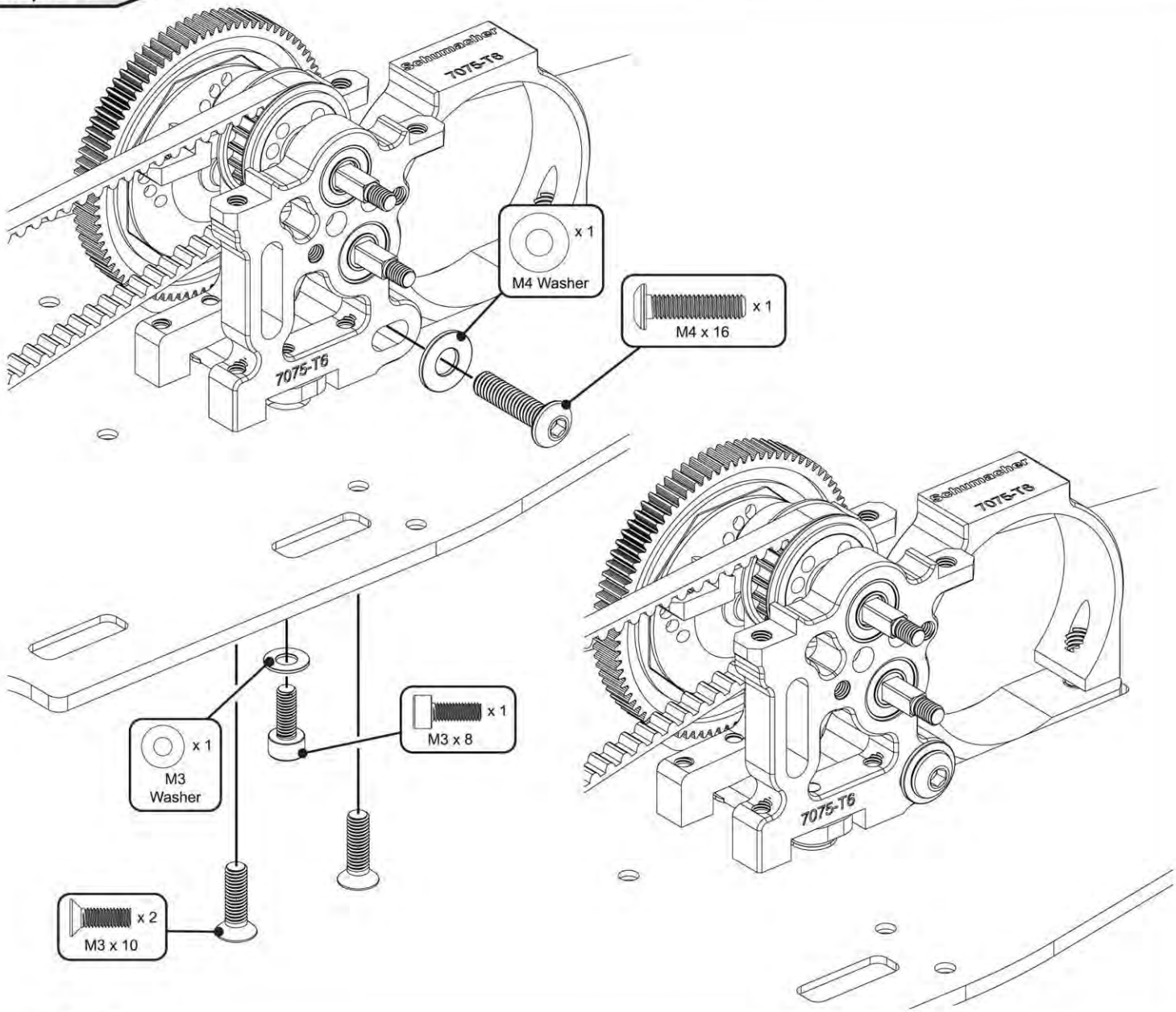


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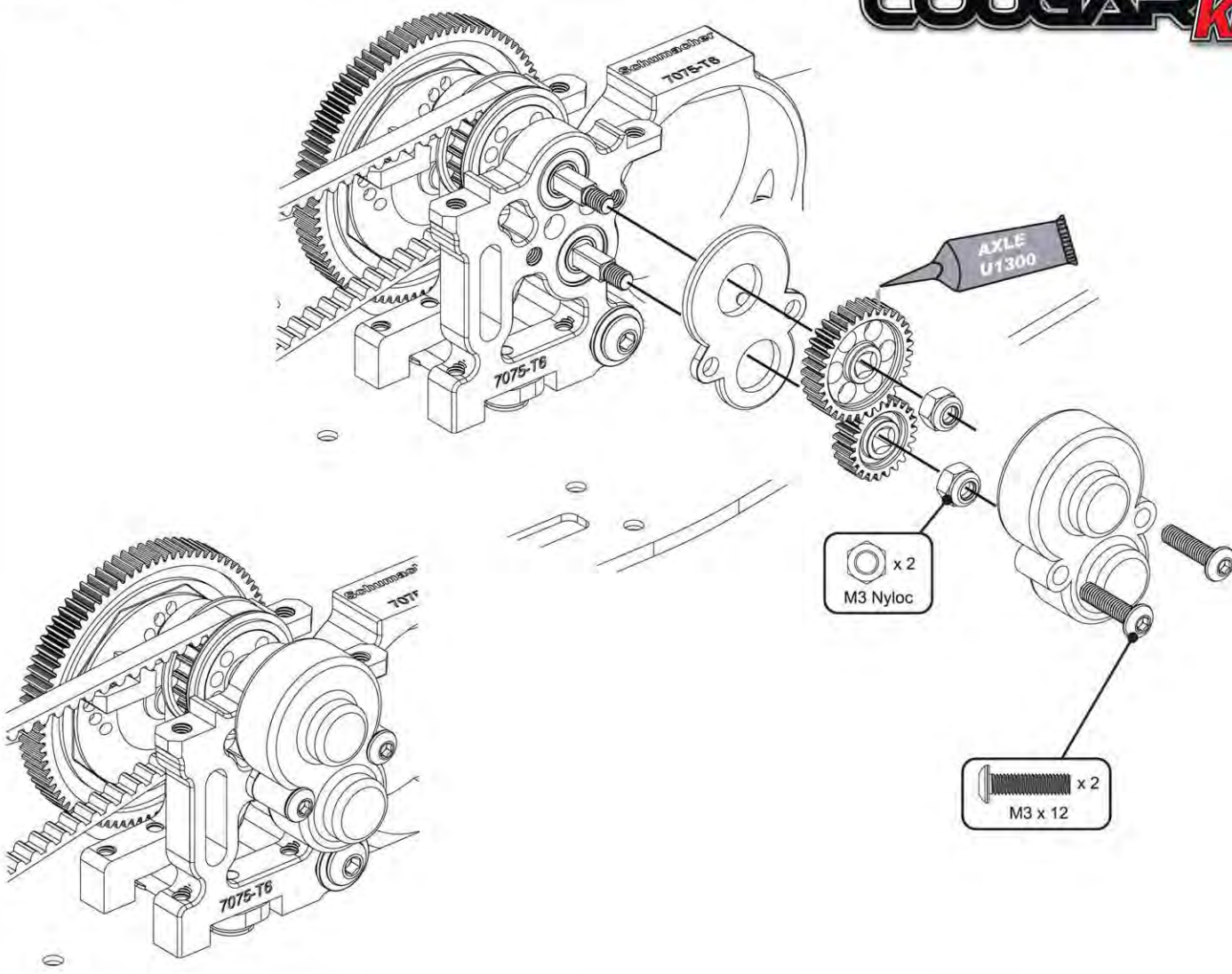



Schumacher
7075-T6
7075-T6
7075-T6

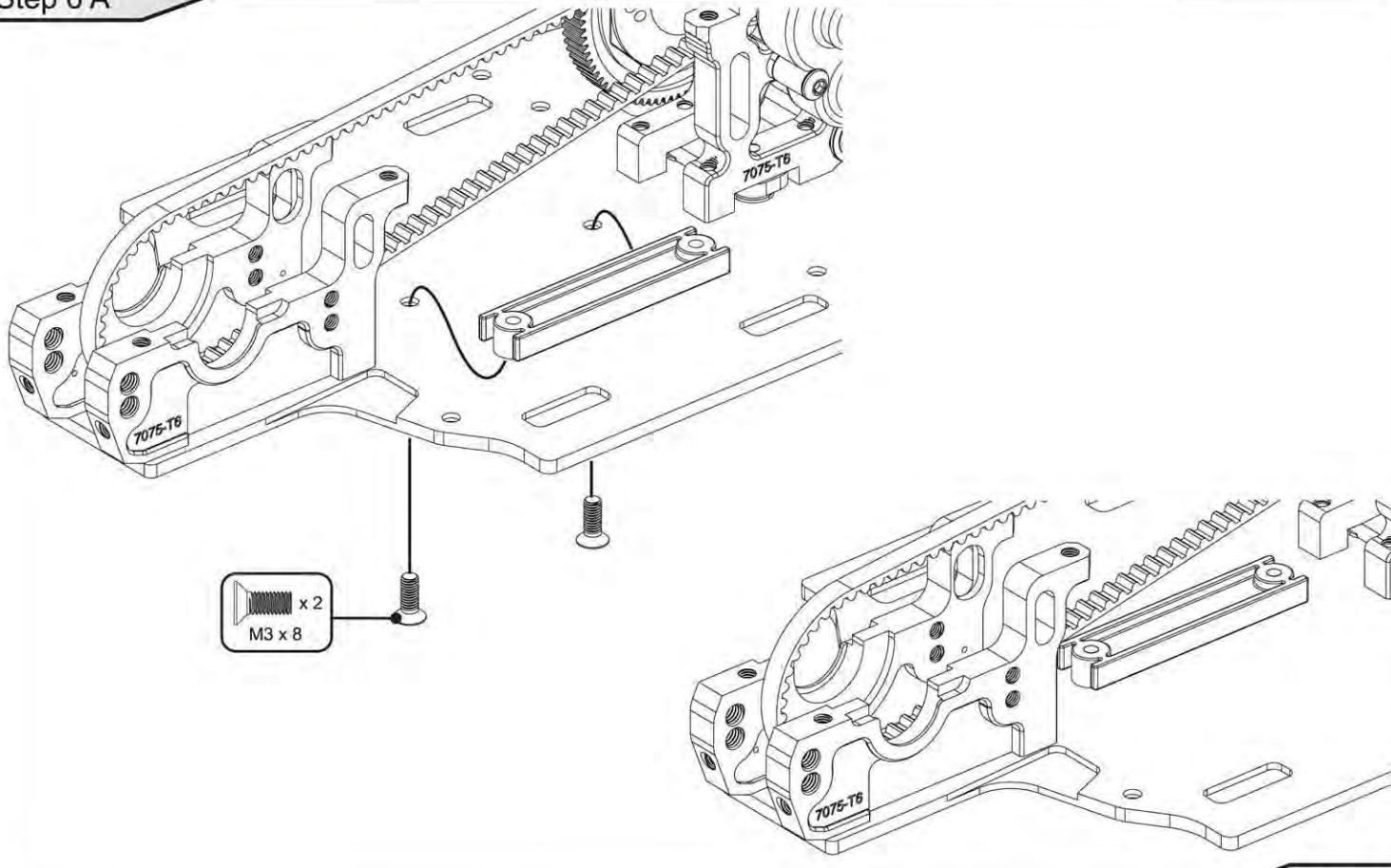
Step 5 A


Schumacher
7075-T6
x 1
M4 Washer
x 1
M4 x 16
7075-T6
x 1
M3 x 8
x 1
M3
Washer
x 2
M3 x 10
Schumacher
7075-T6
7075-T6

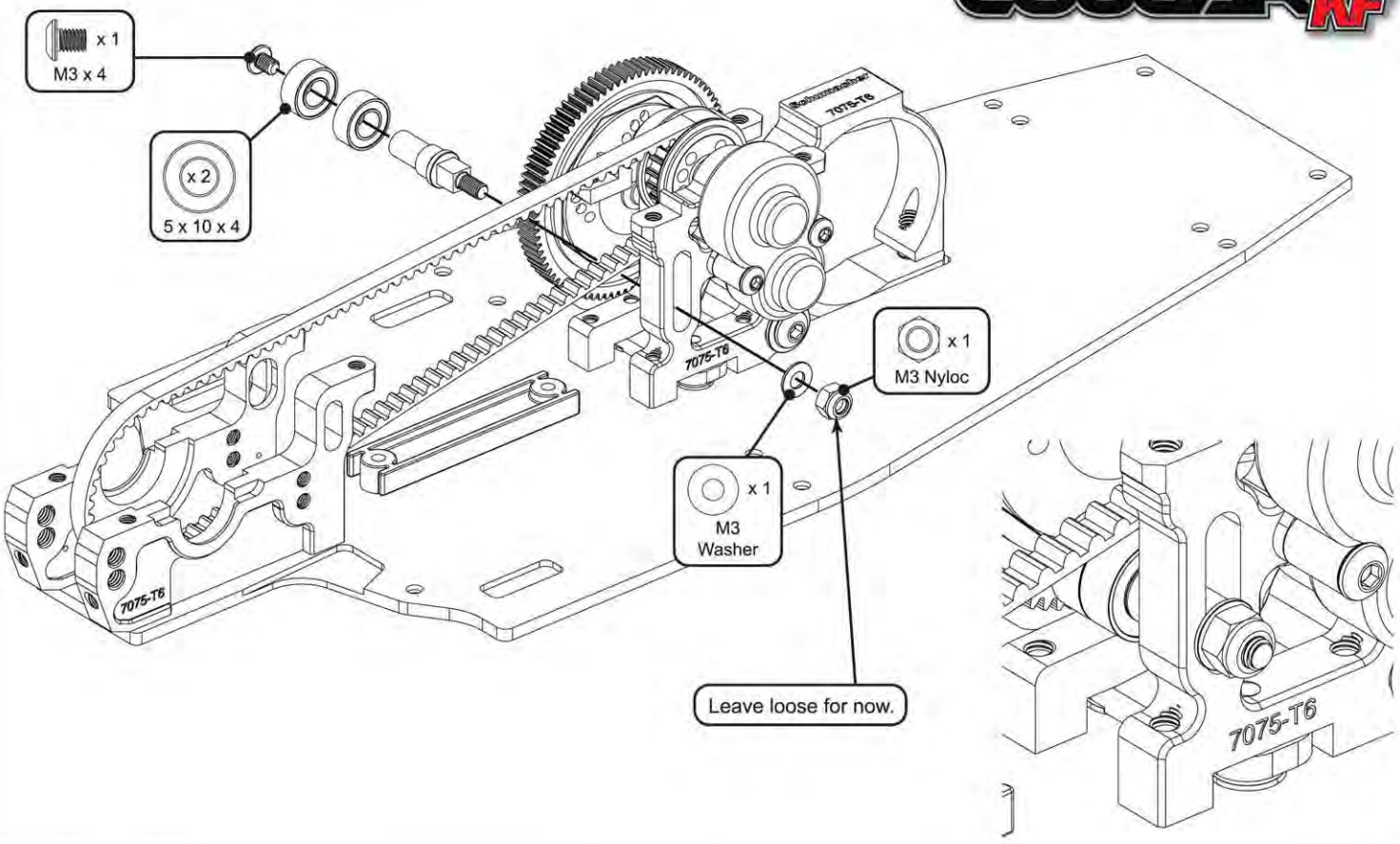
Step 5 B



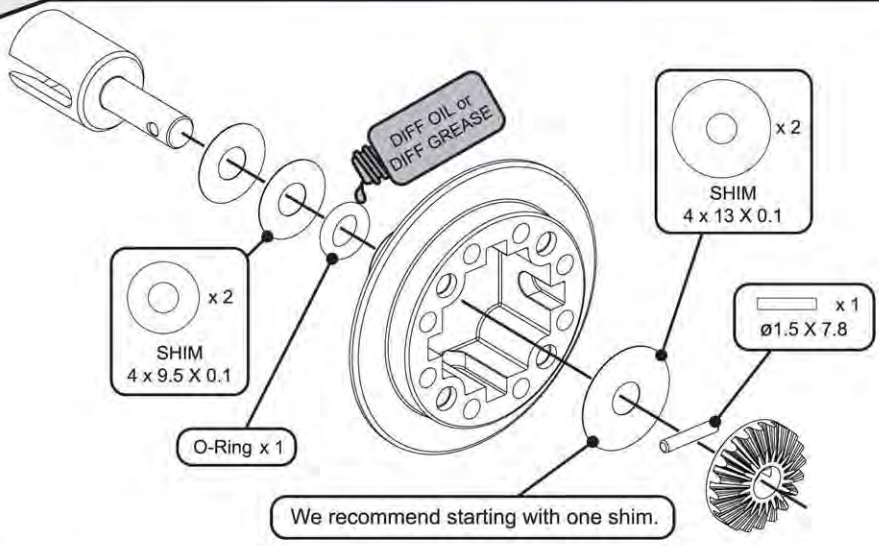
Step 6 A

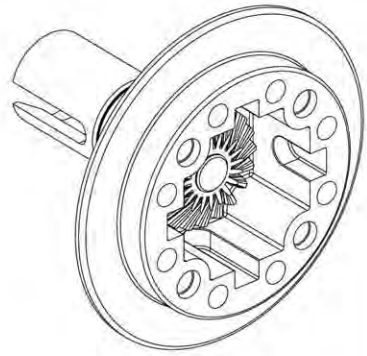


Step 6 B

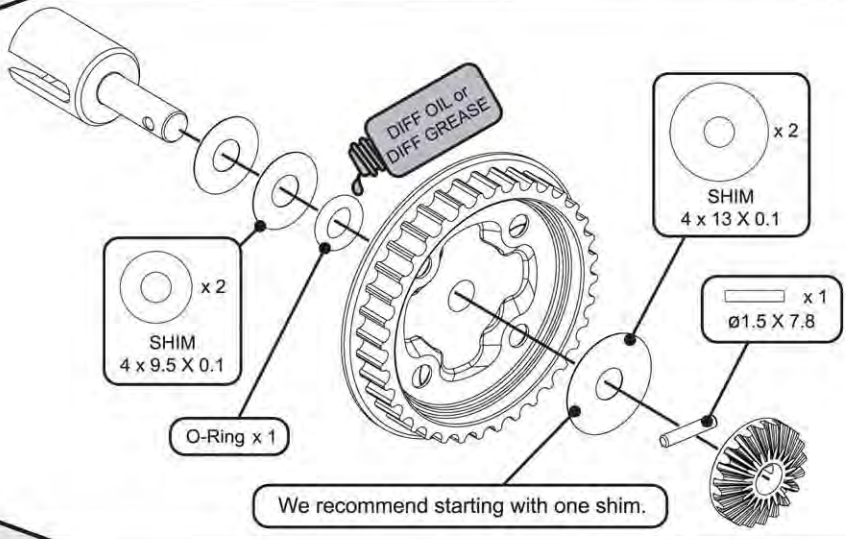


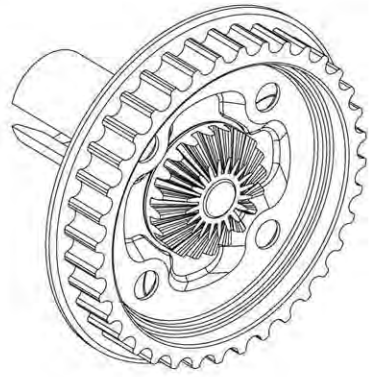
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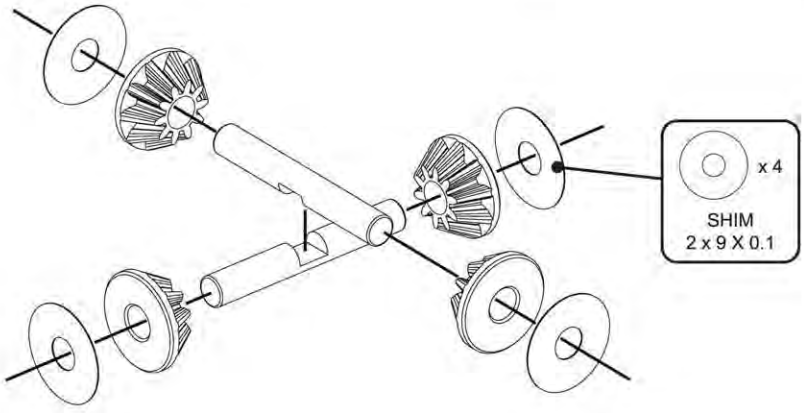


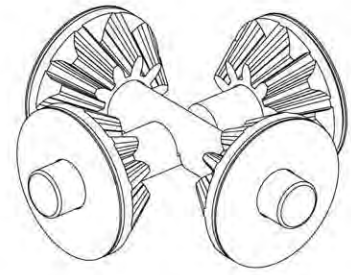
Step 8



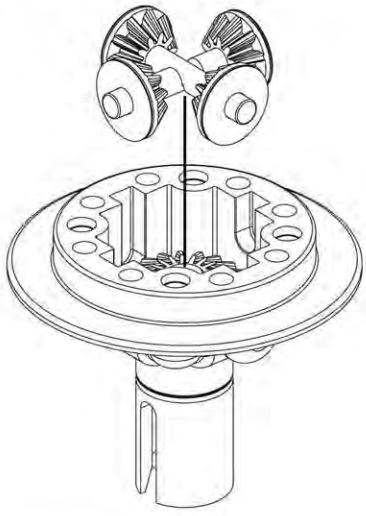


Step 9 A



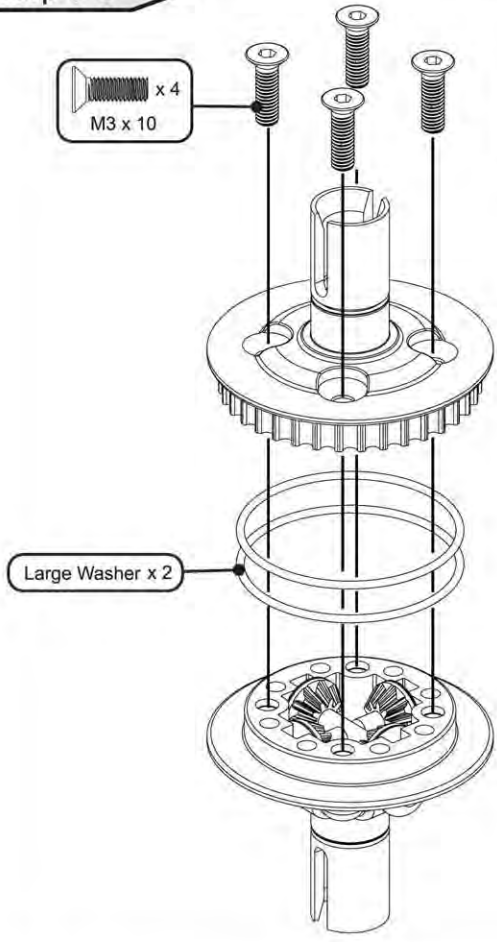


Step 9 B

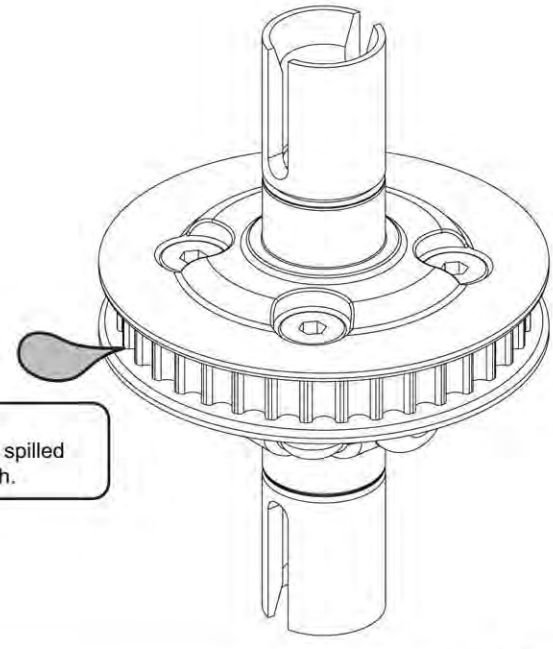




Step 9 C

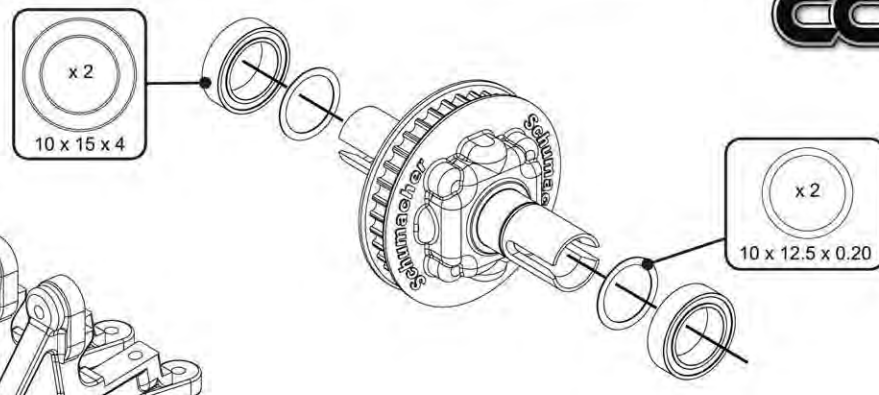


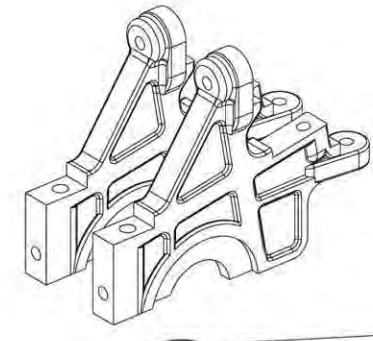
Feel the diff for internal gear mesh.
If too loose go back to Step 8 and add a shim between the housing and the bevel gear.
If too tight remove a shim from between the housing and the bevel gear.

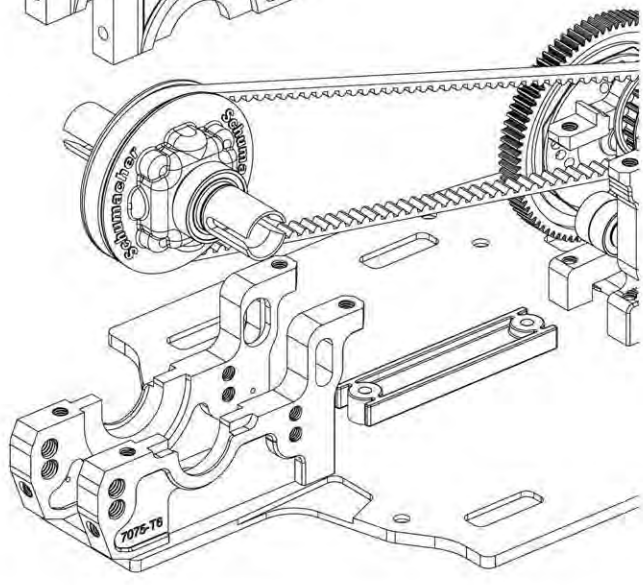


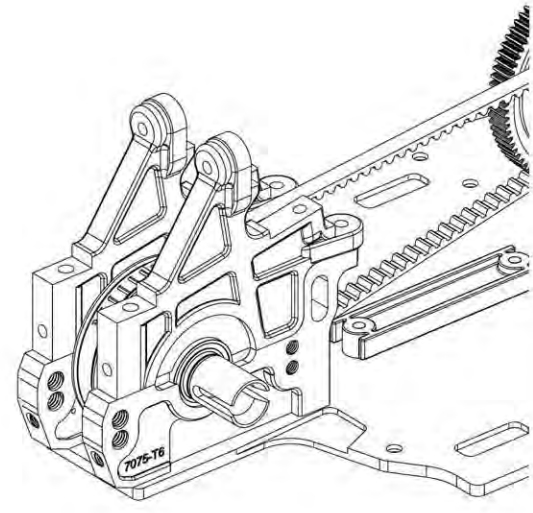
IMPORTANT
Remove any oil that has spilled onto the pulley teeth.

Step 10 A

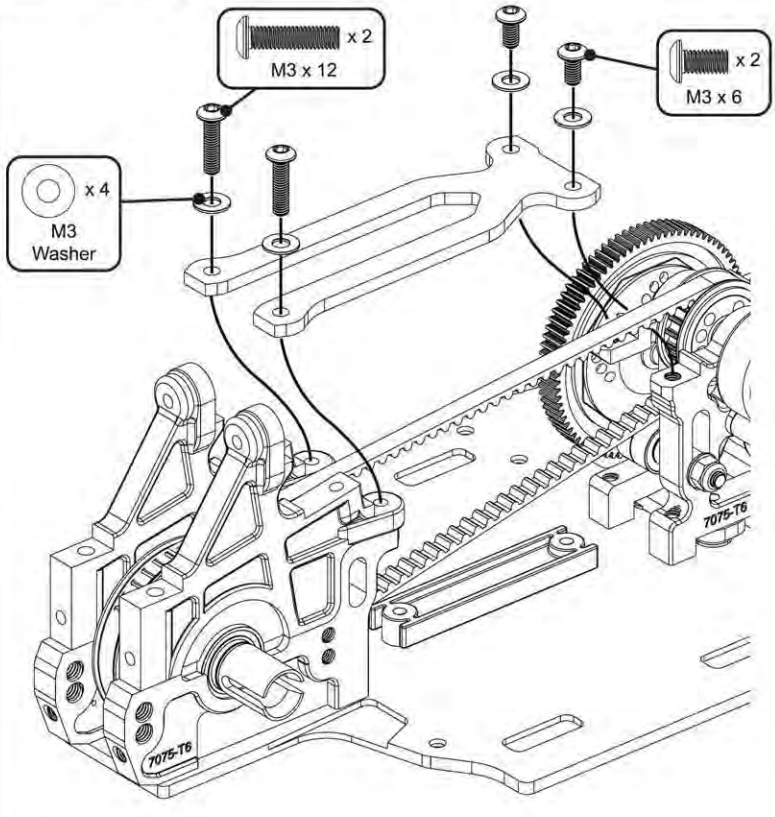


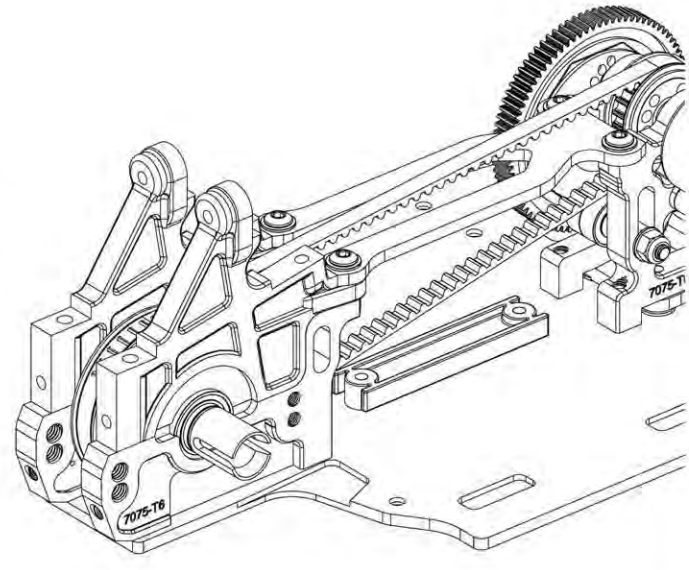




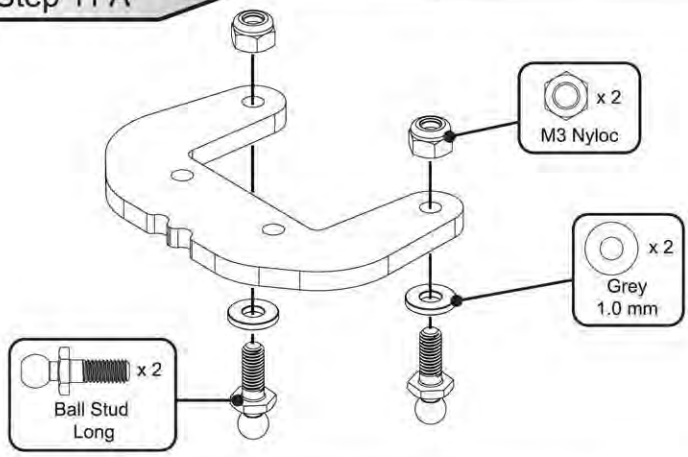


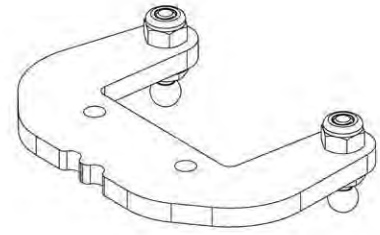
Step 10 B



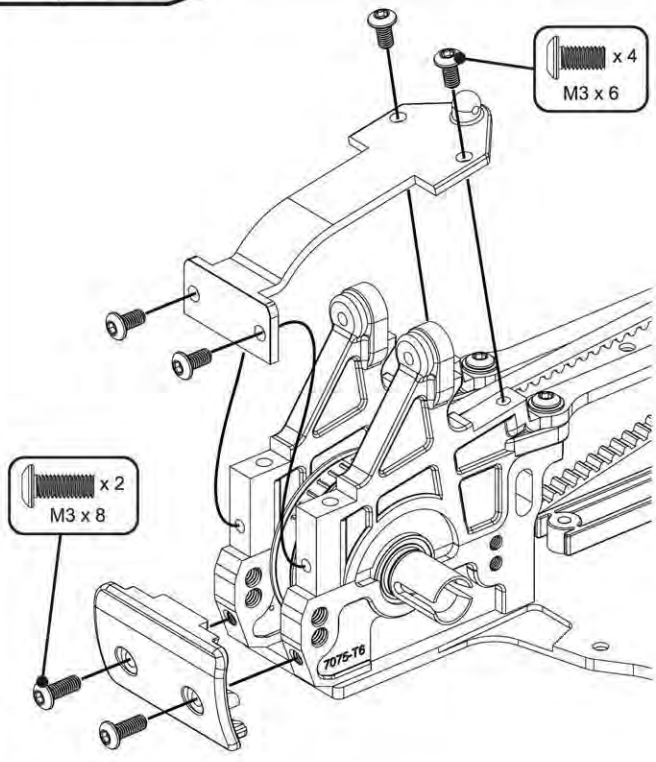


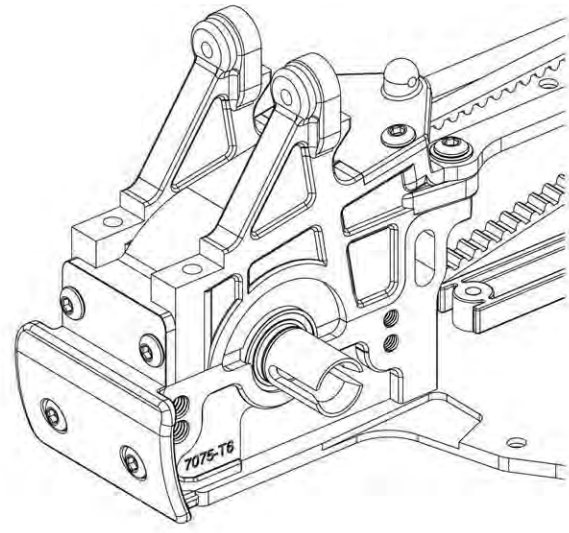
Step 11 A



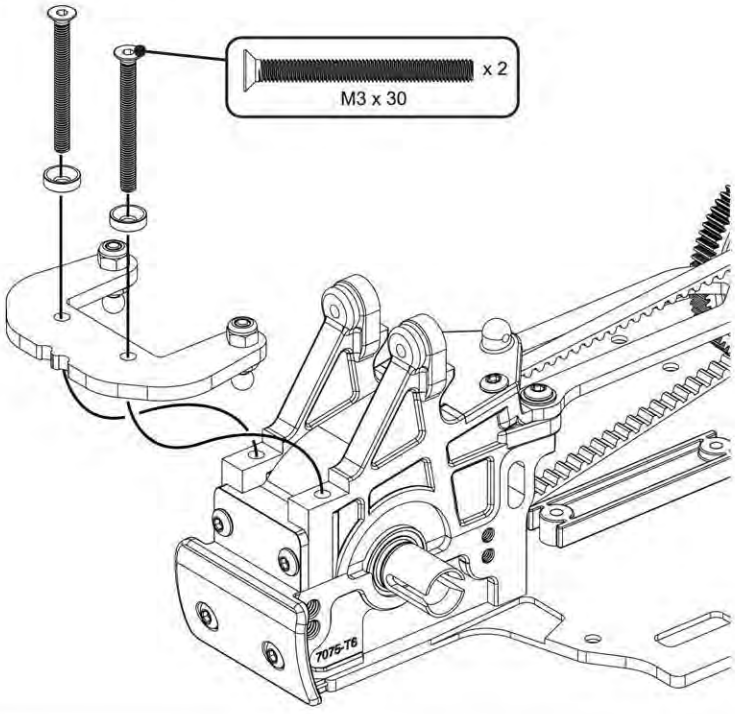


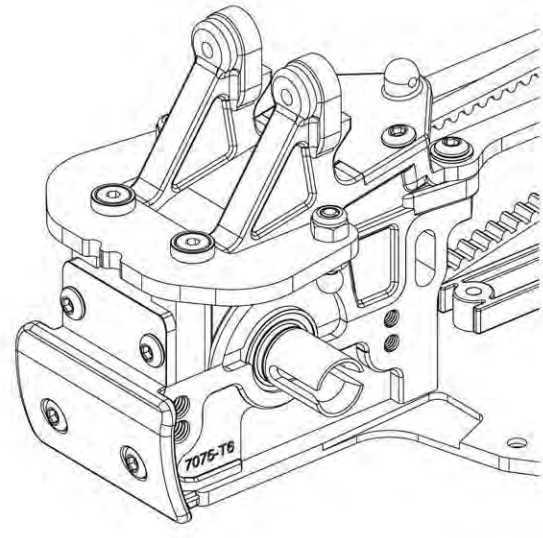
Step 11 B



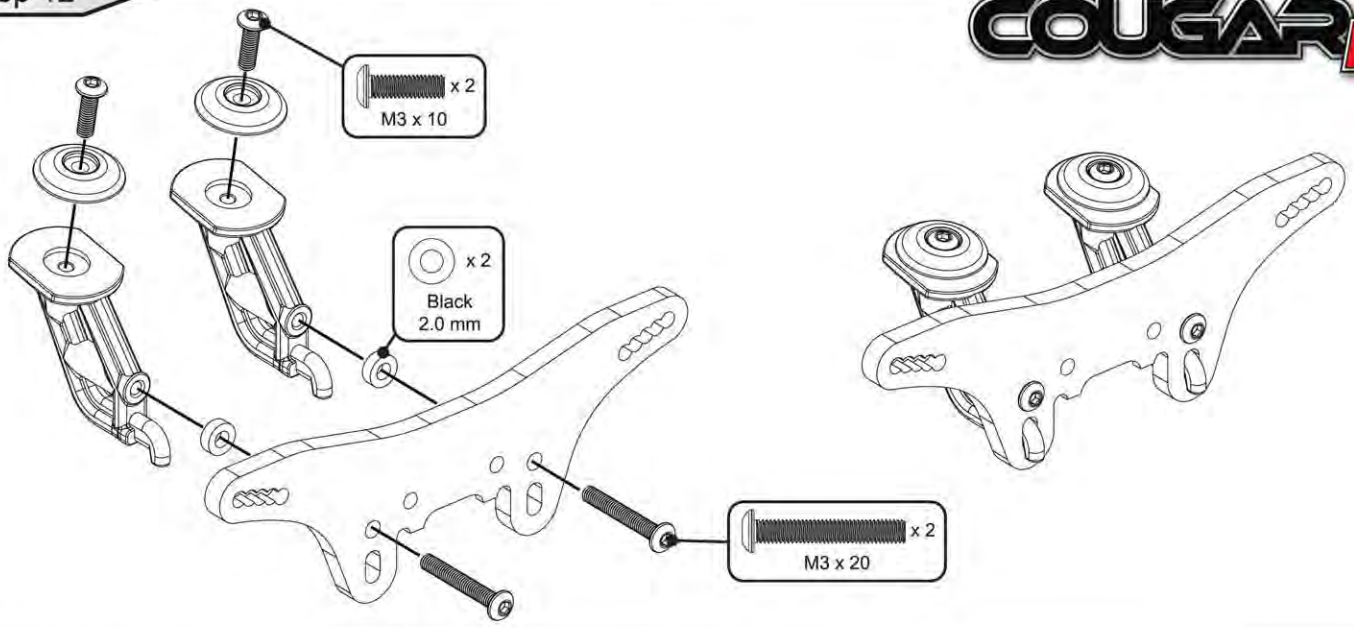


Step 11 C

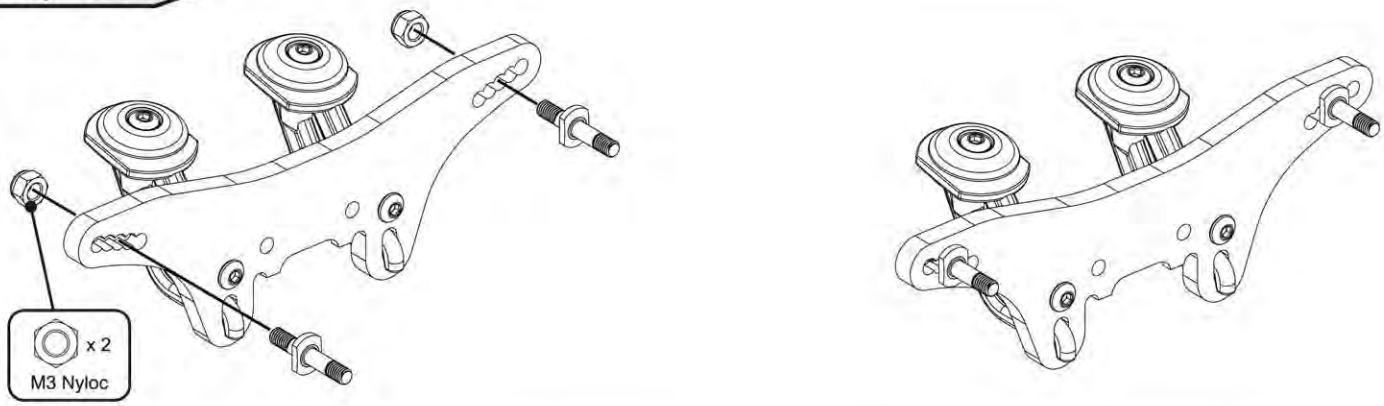




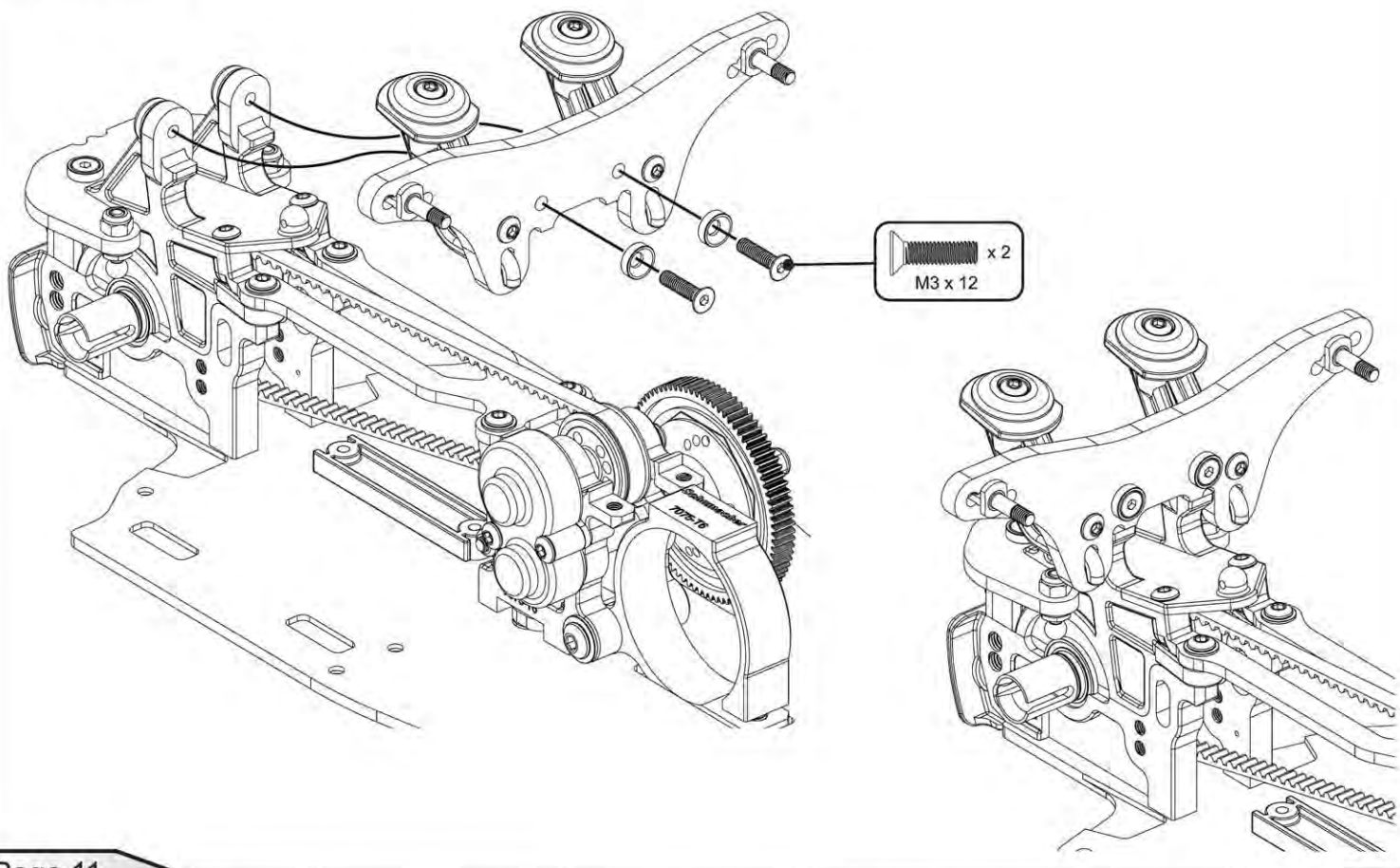
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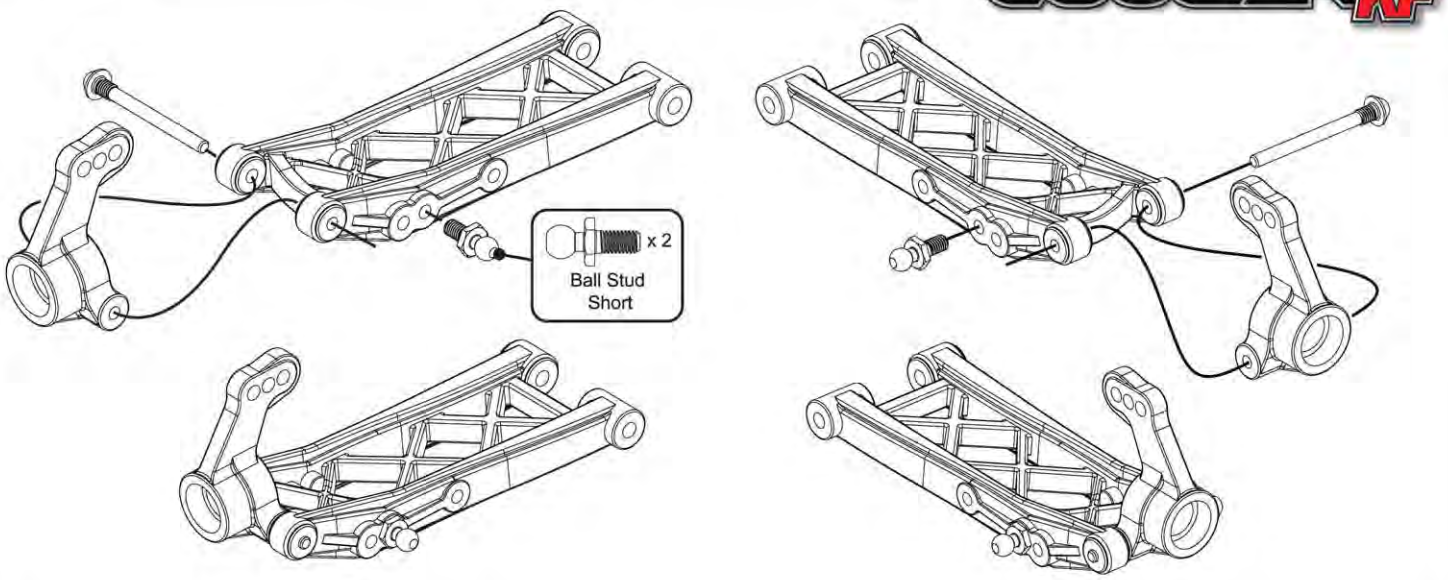
Step 13 A



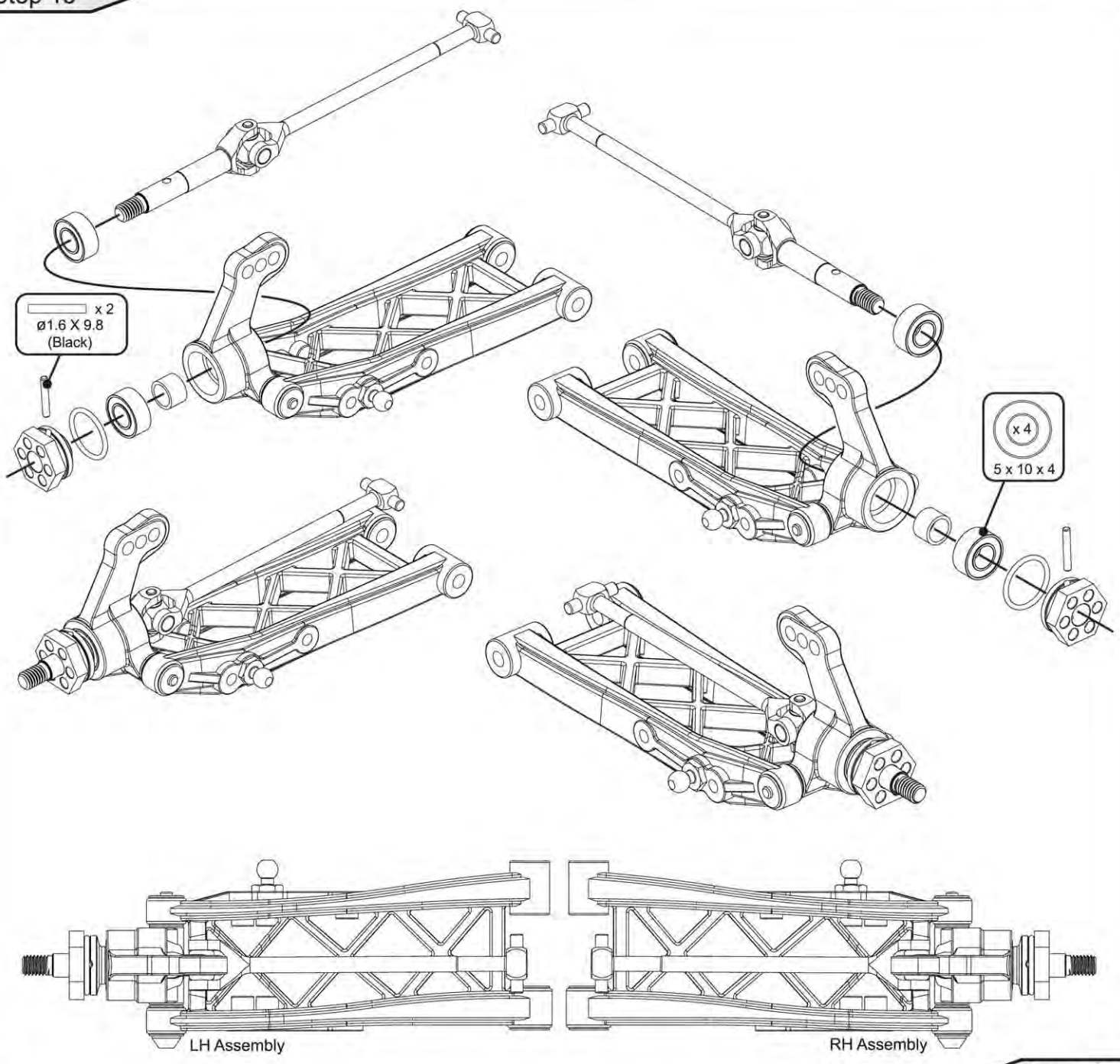
Step 13 B



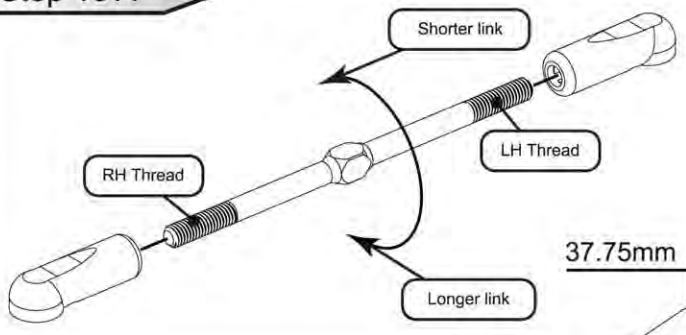
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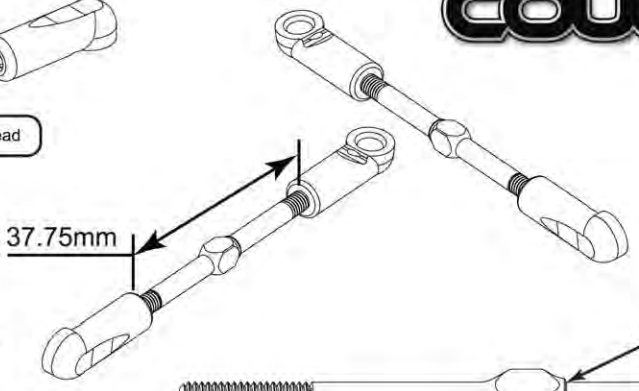


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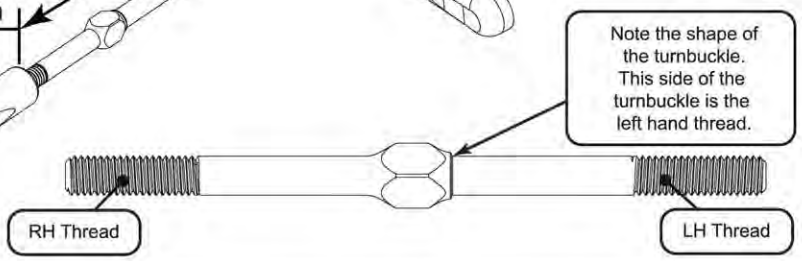


Step 16 A

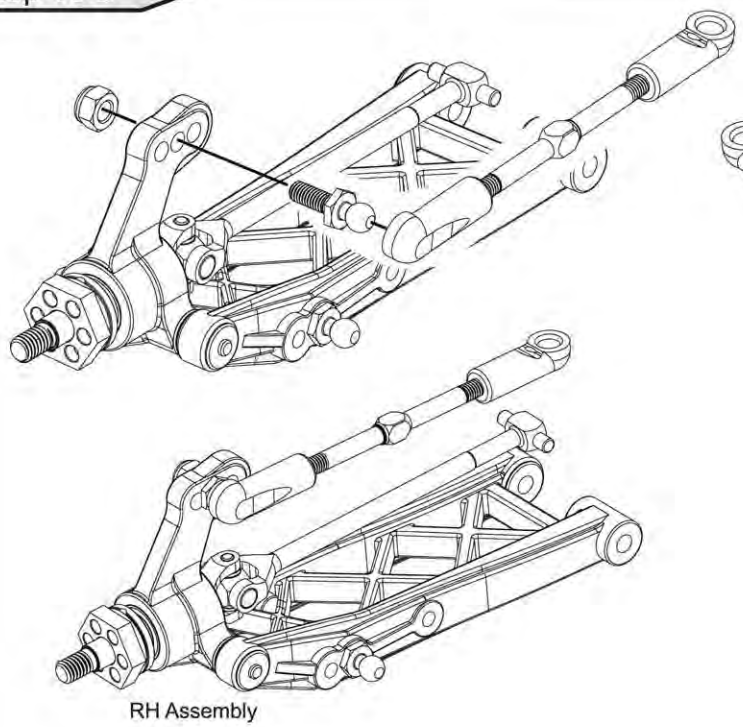


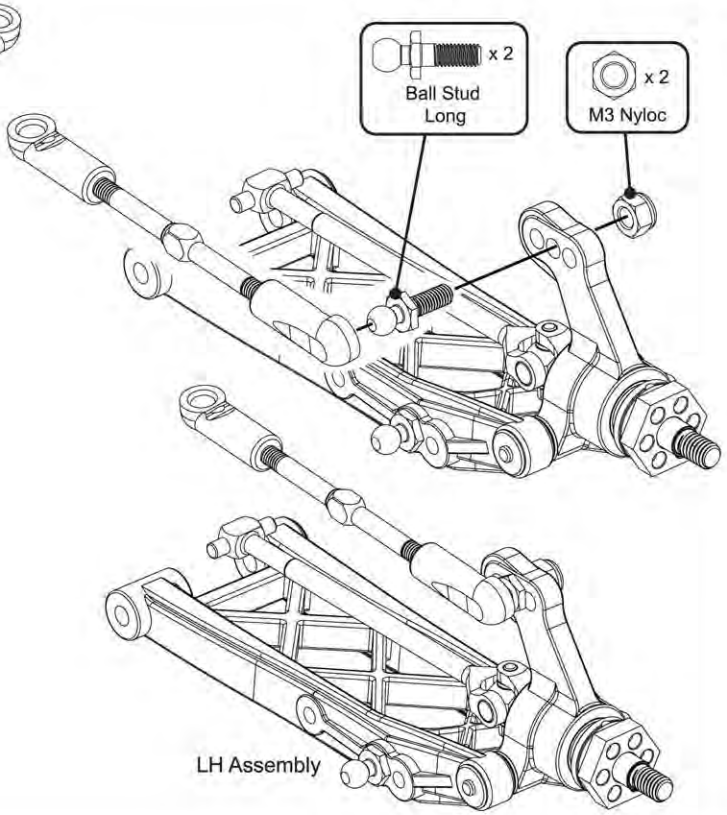


Carefully screw the sockets onto the turnbuckle until no threads are visible.
Then undo them to the desired length.
This allows for easier adjustment on the car.
(Greasing the threads will also help)



Step 16 B

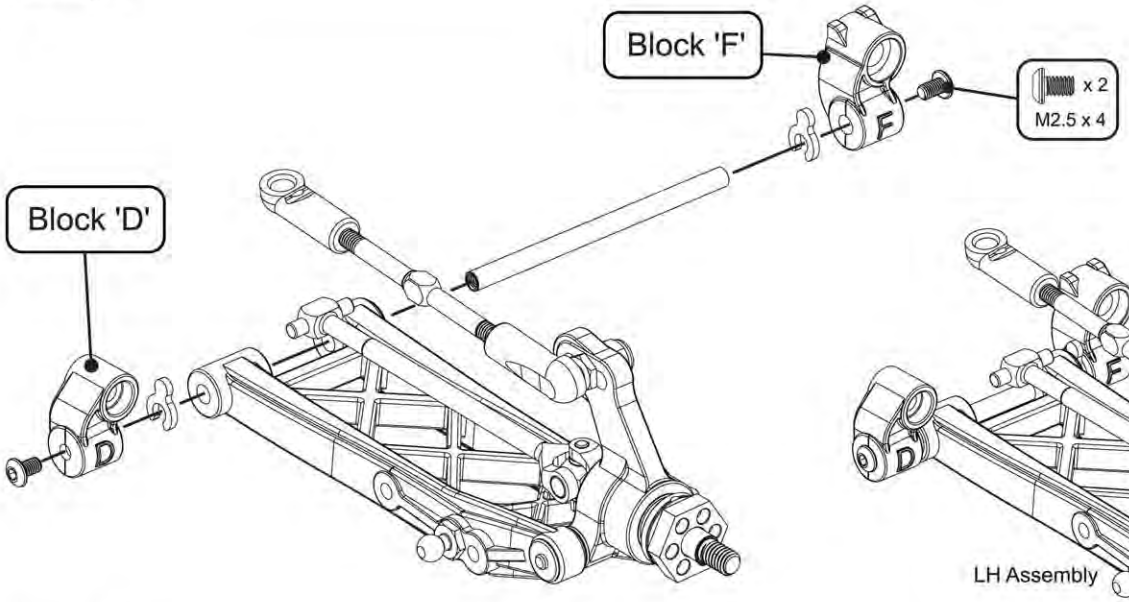


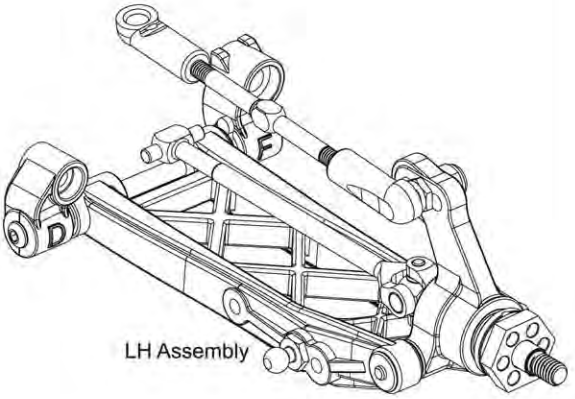


RH Assembly

LH Assembly

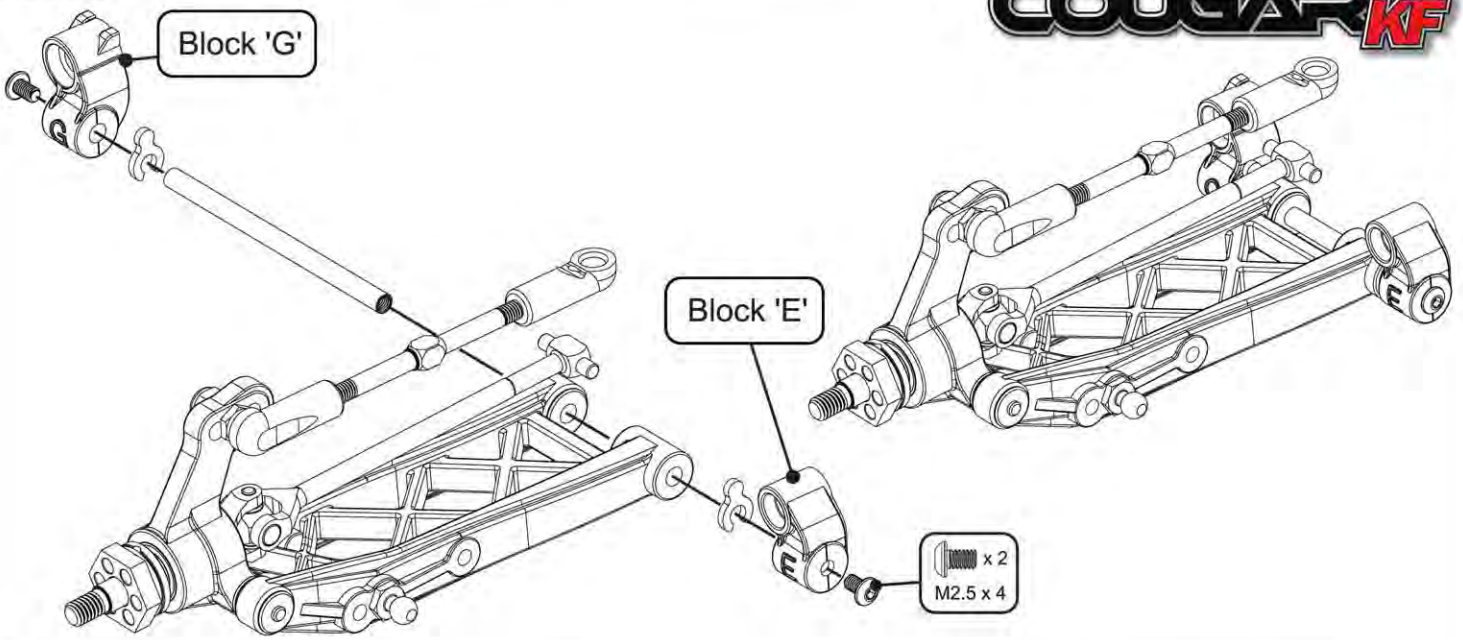
Step 17



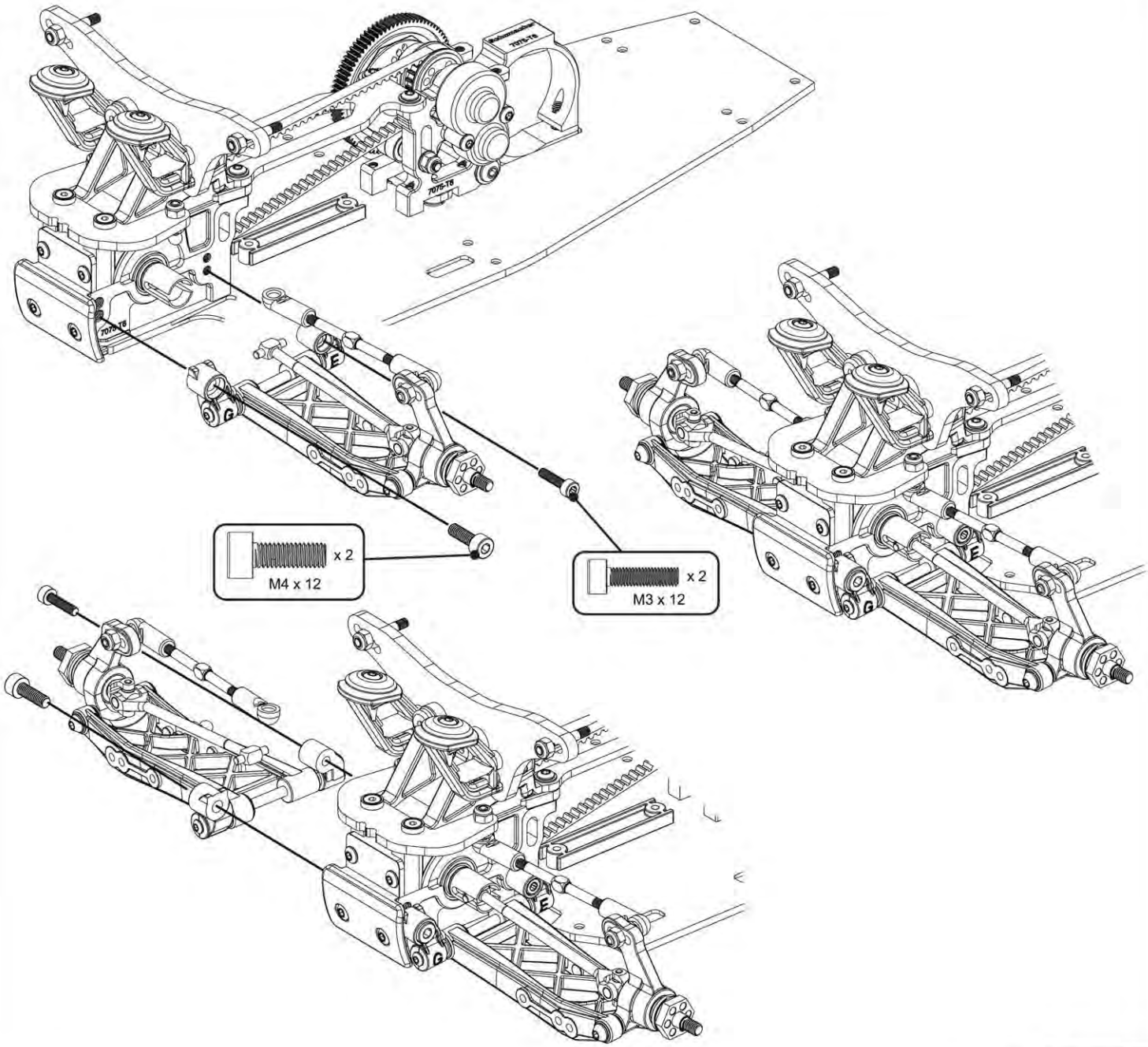


LH Assembly

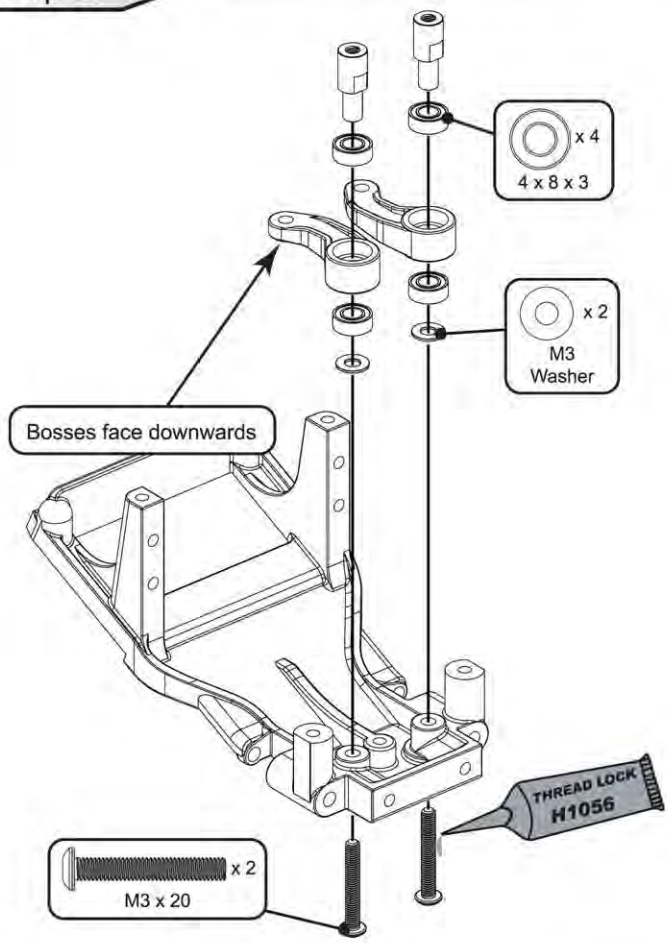
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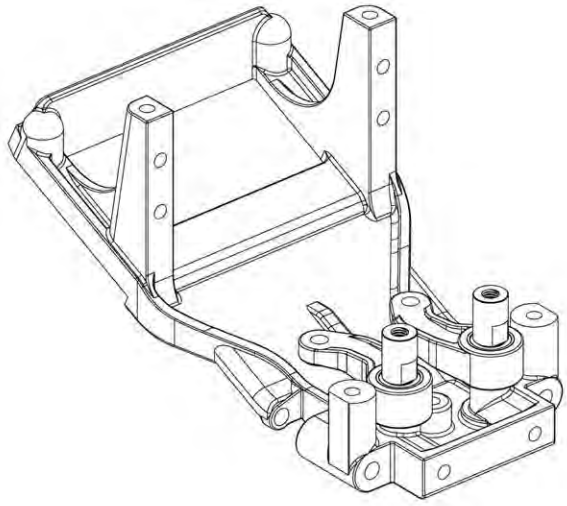


Step 19

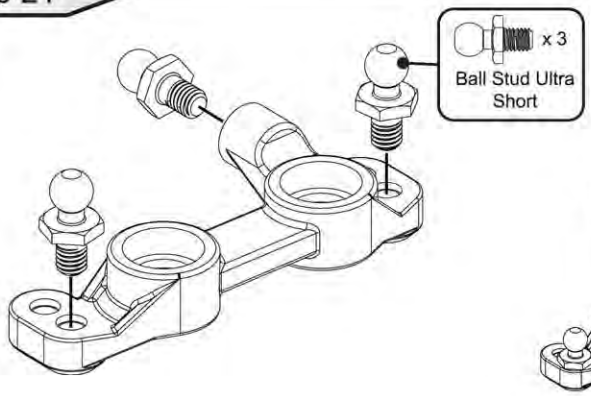


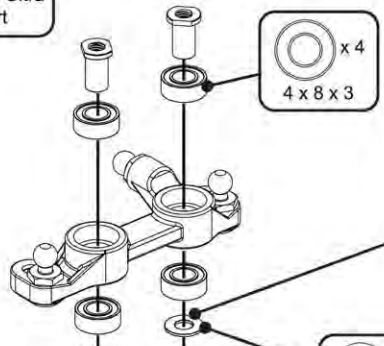
Step 20



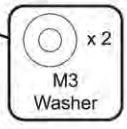


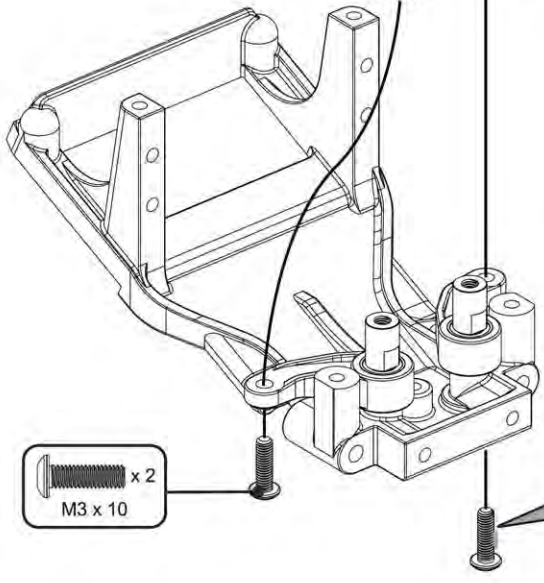
Step 21

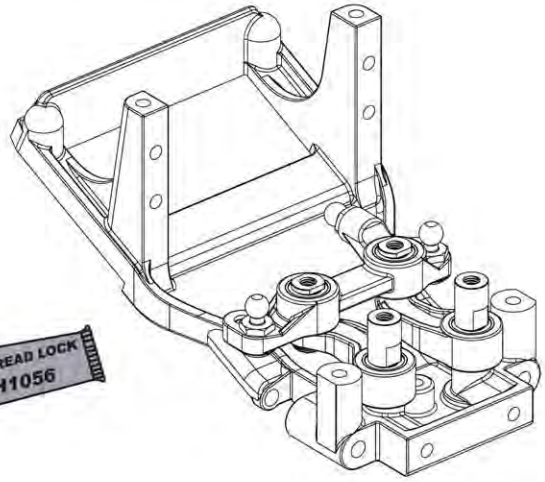




Lifting the centre track rod by adding additional washers softens the steering response around neutral. Use up to a maximum of 4mm. (you may need to use longer screws)
Important see page 19 step 29

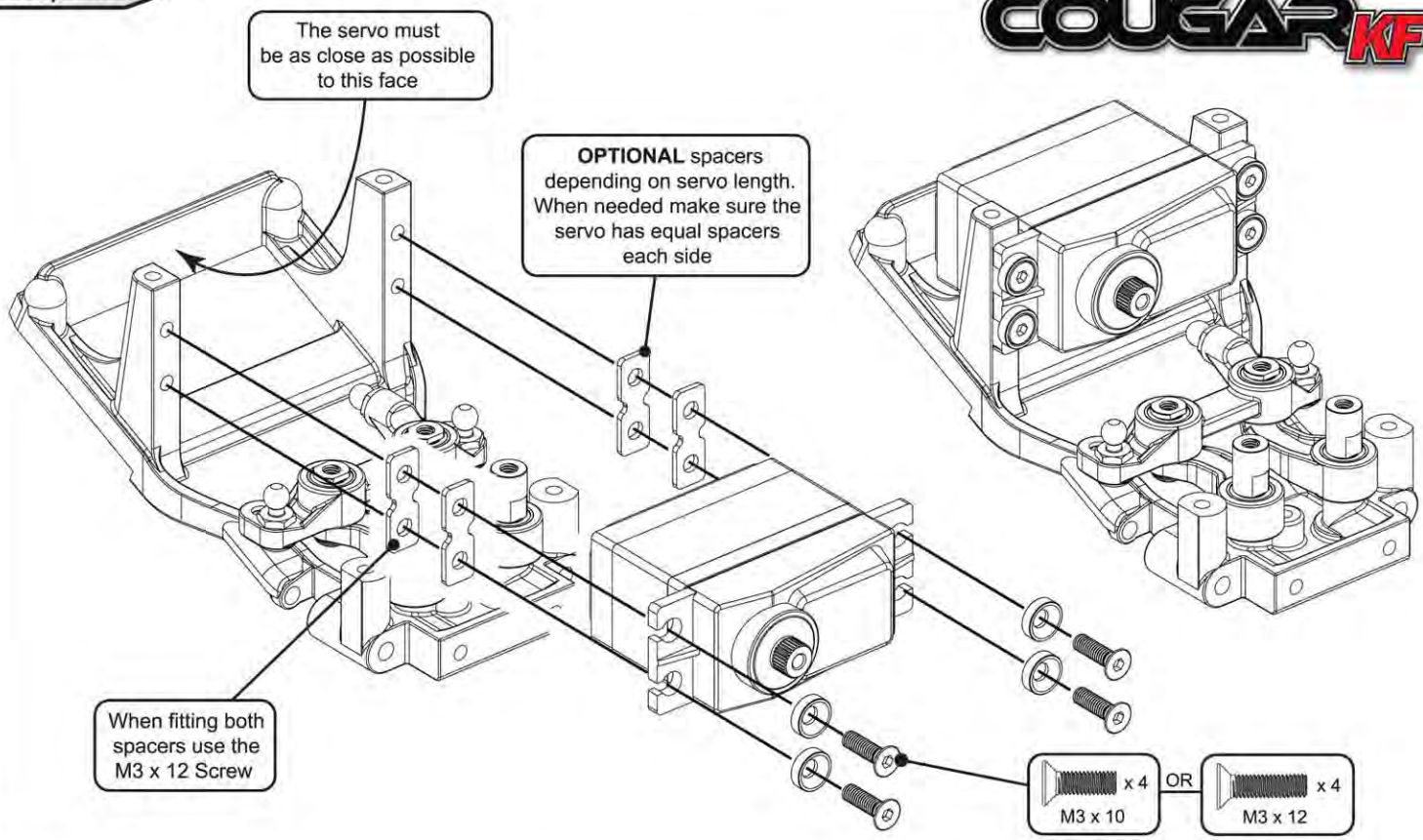




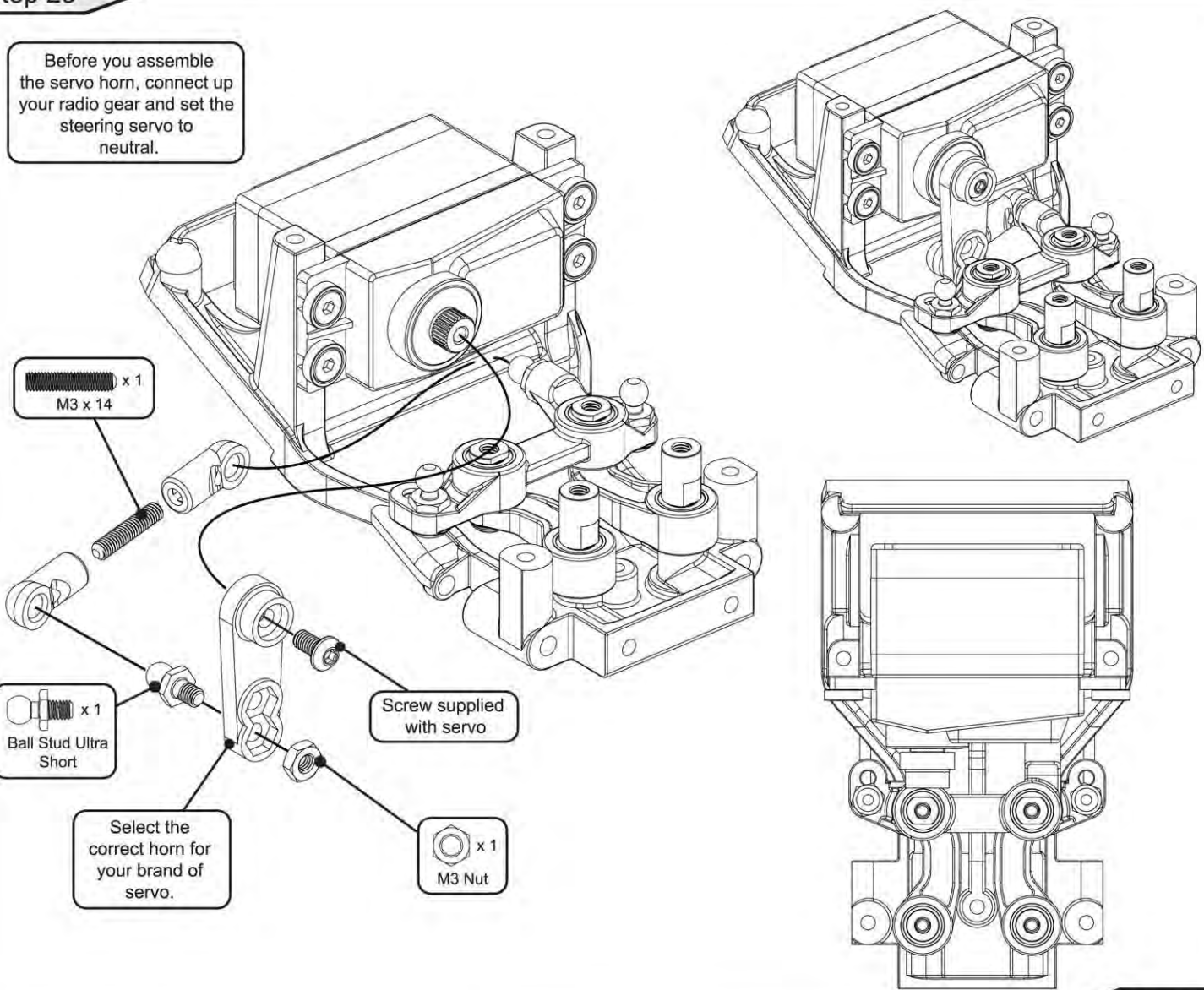




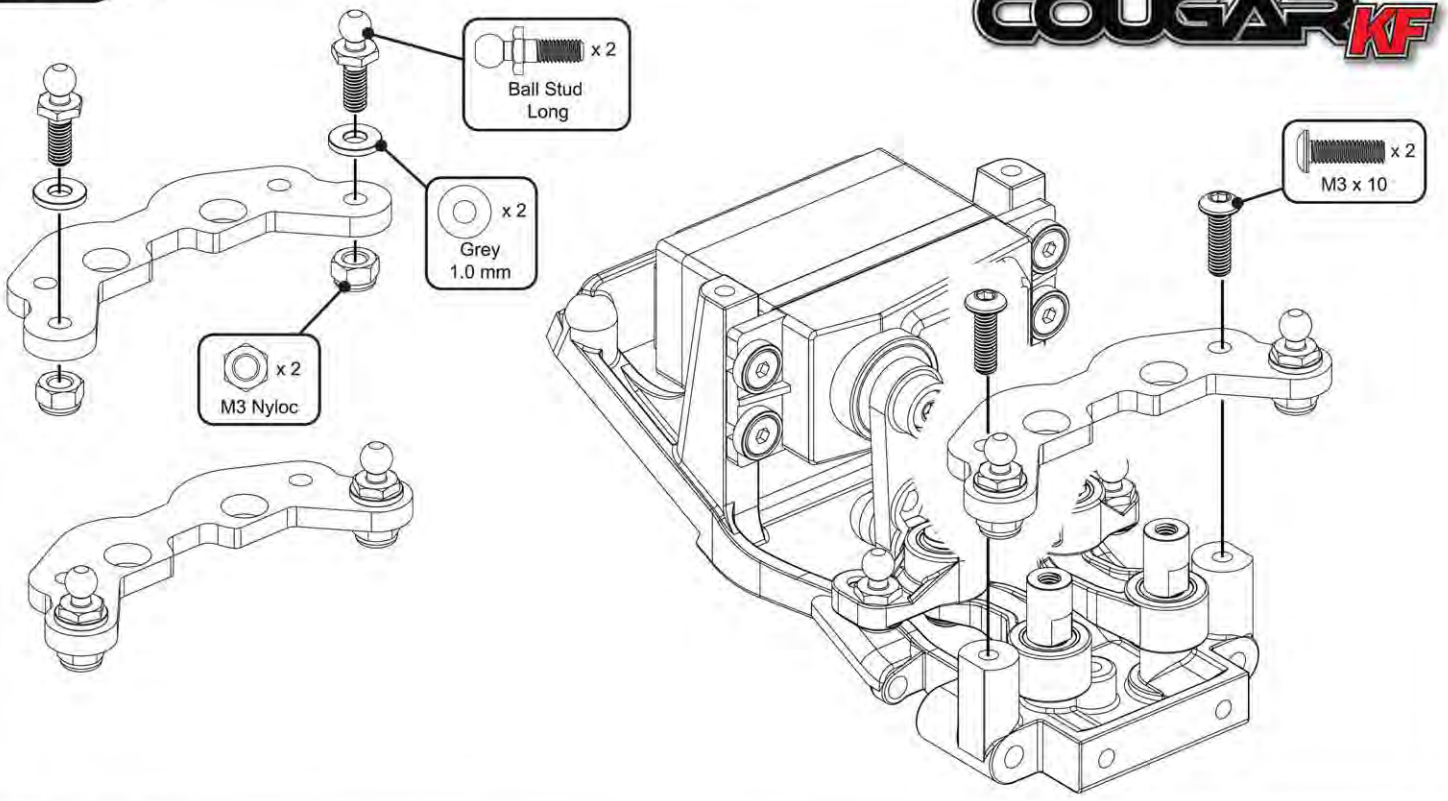
Step 22



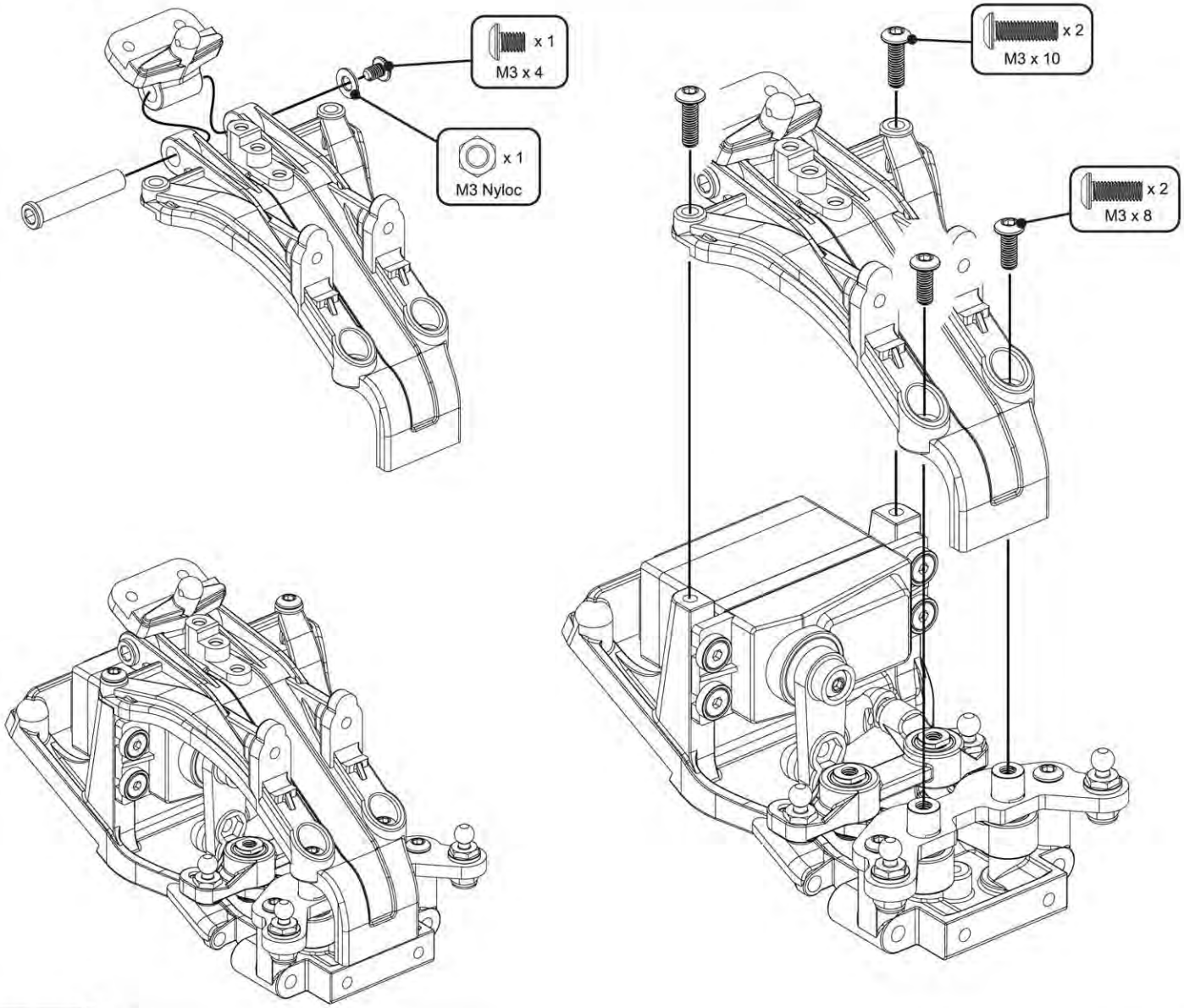
Step 23



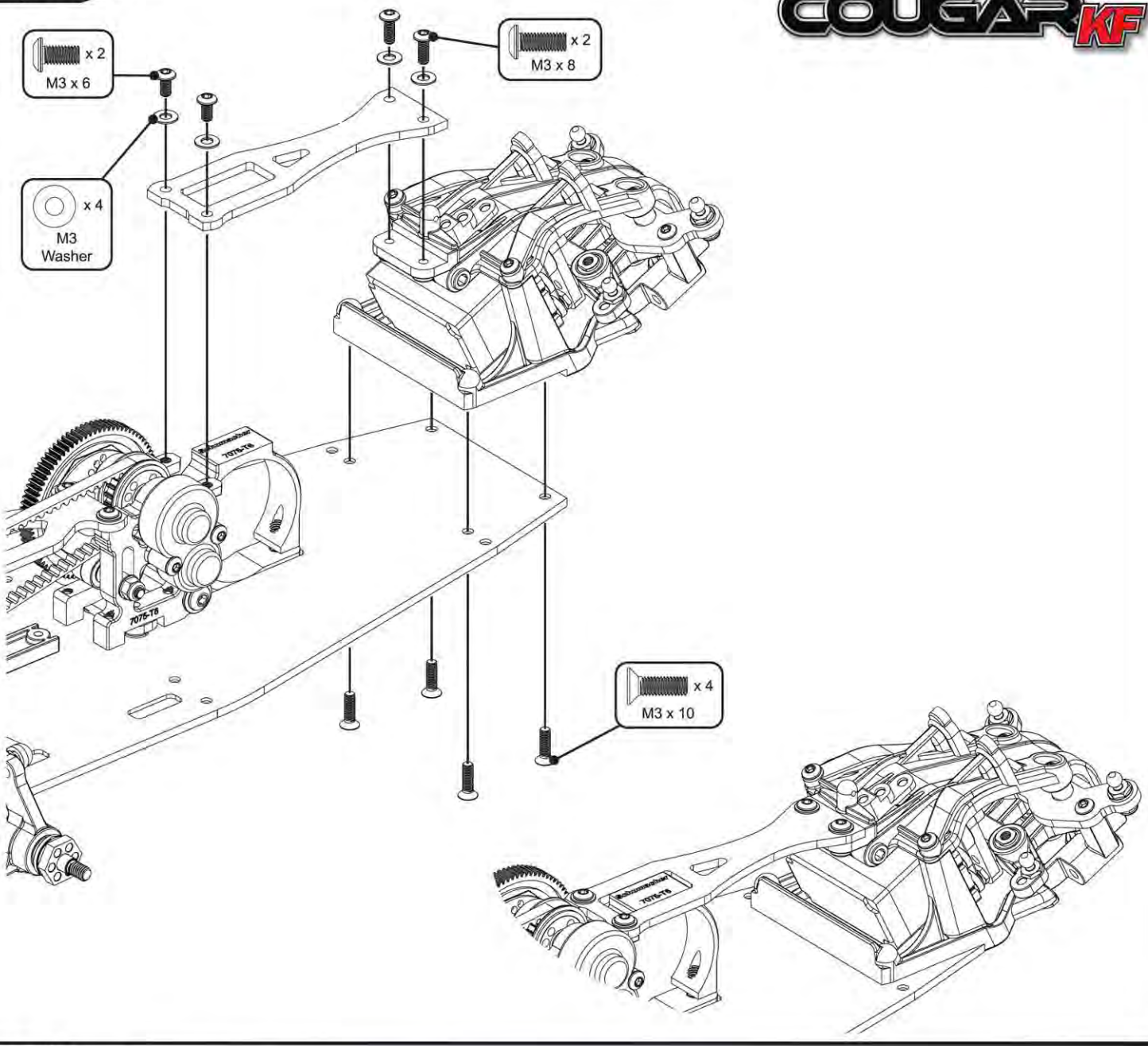
Step 24



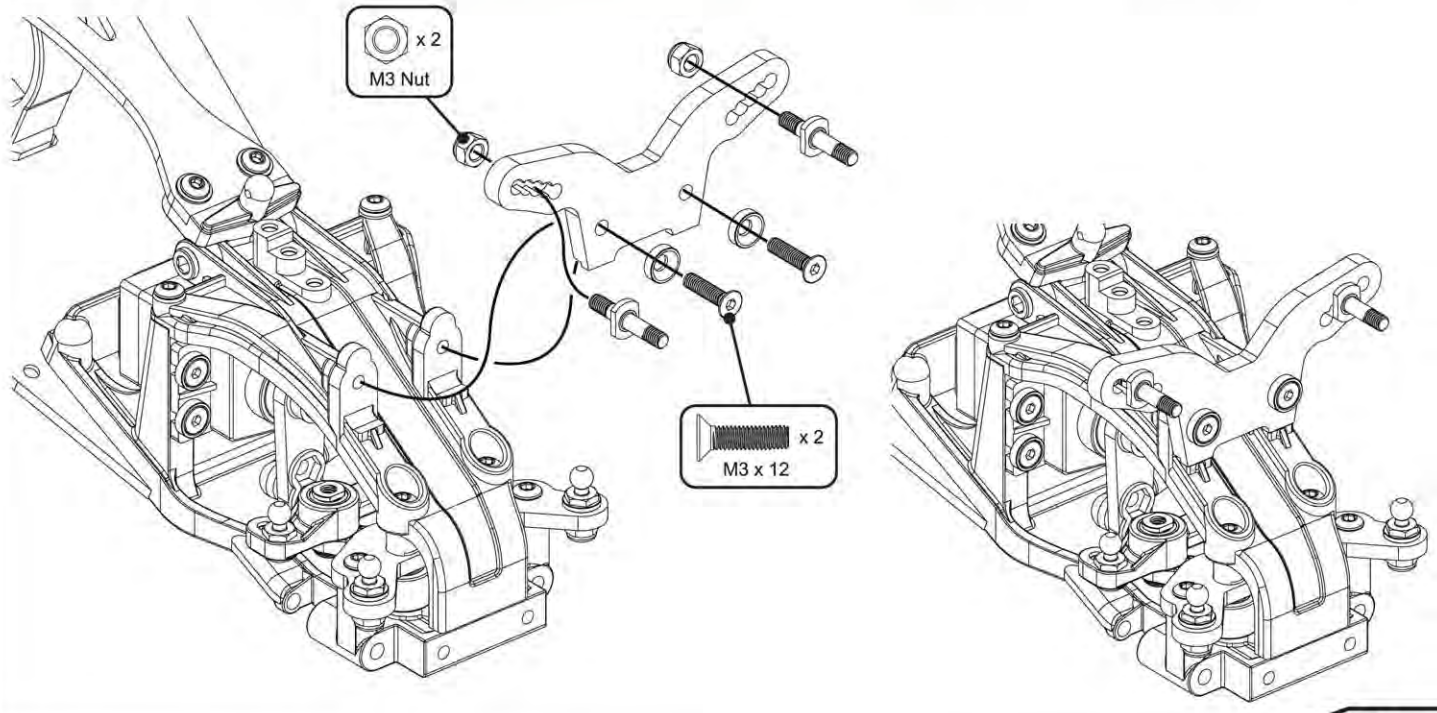
Step 25



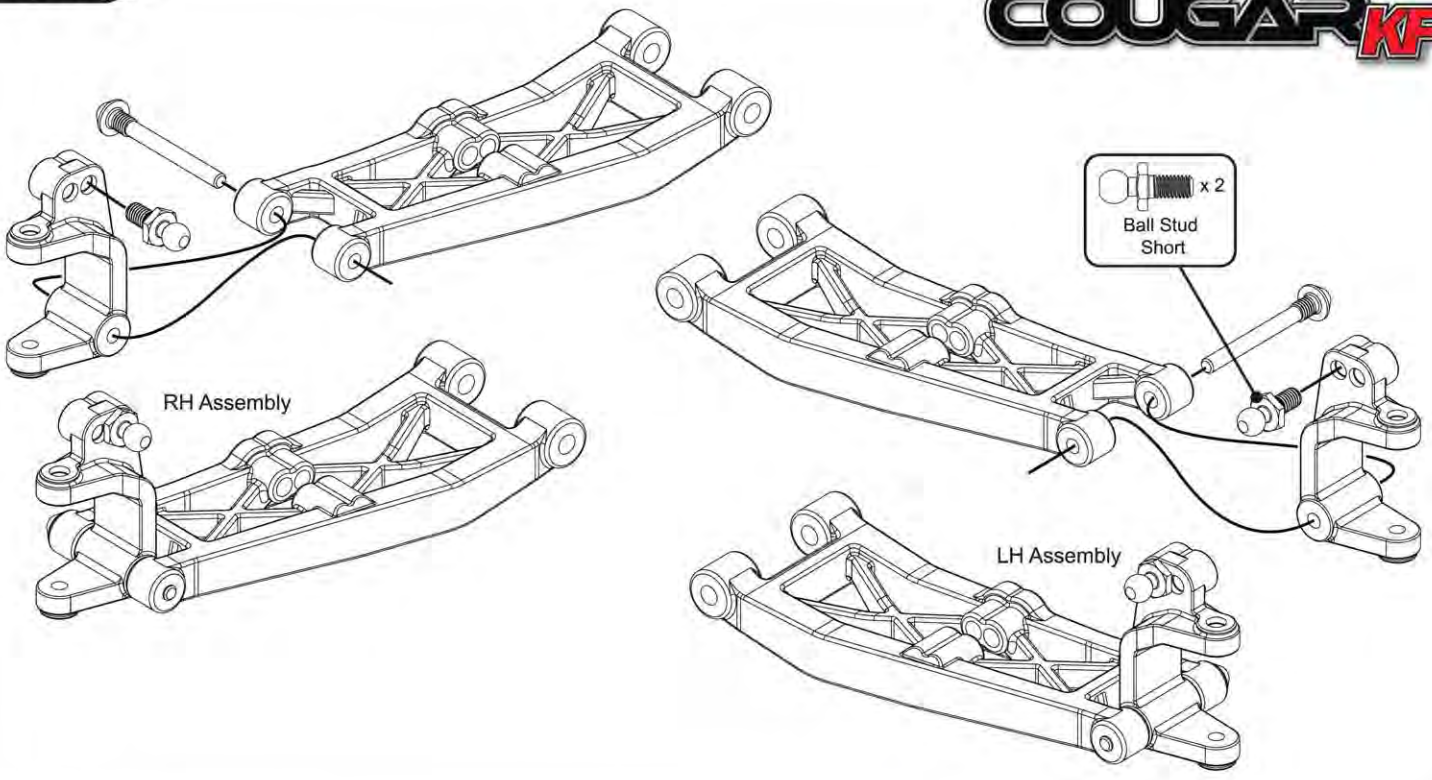
Step 26



Step 27

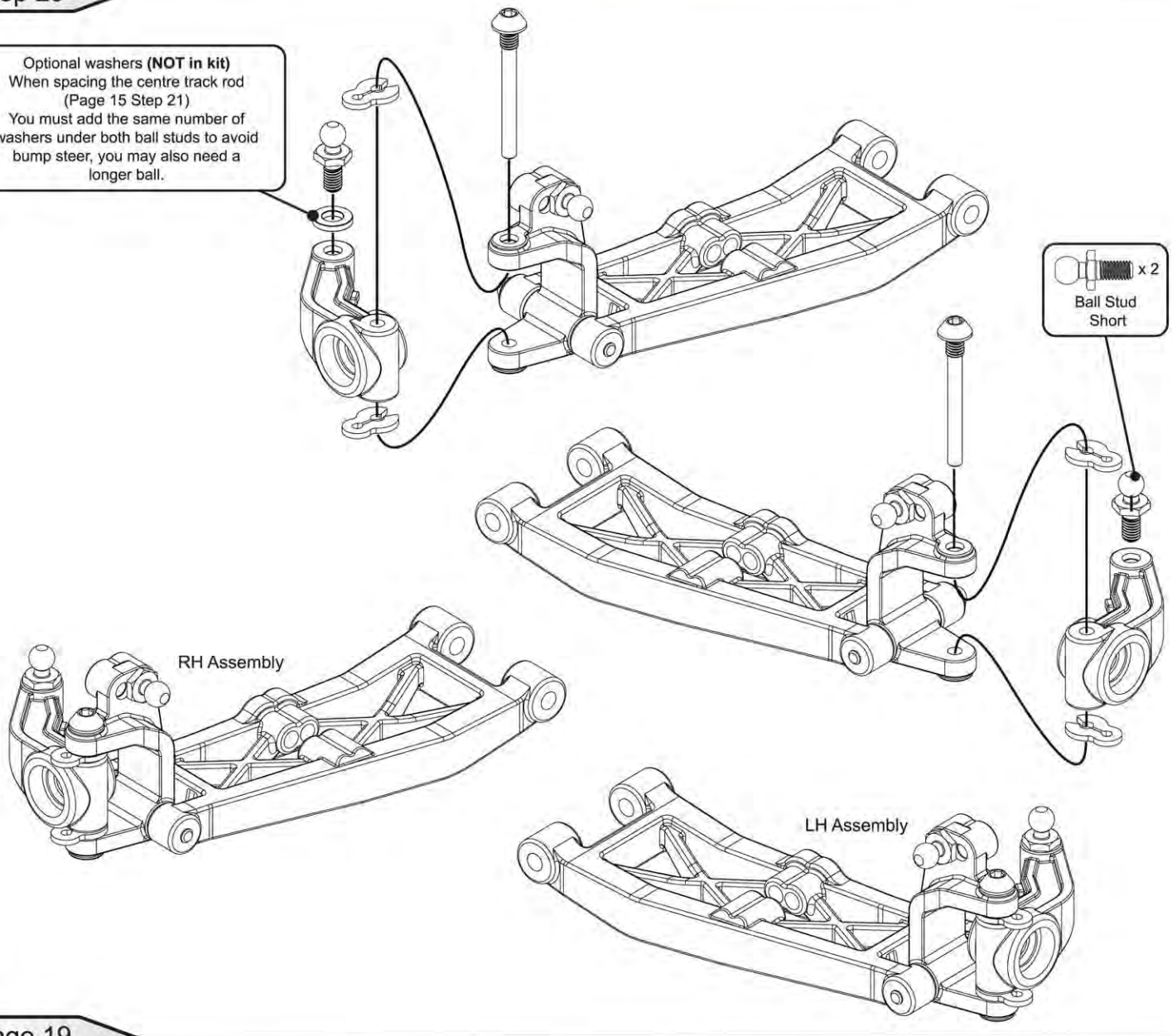


Step 28

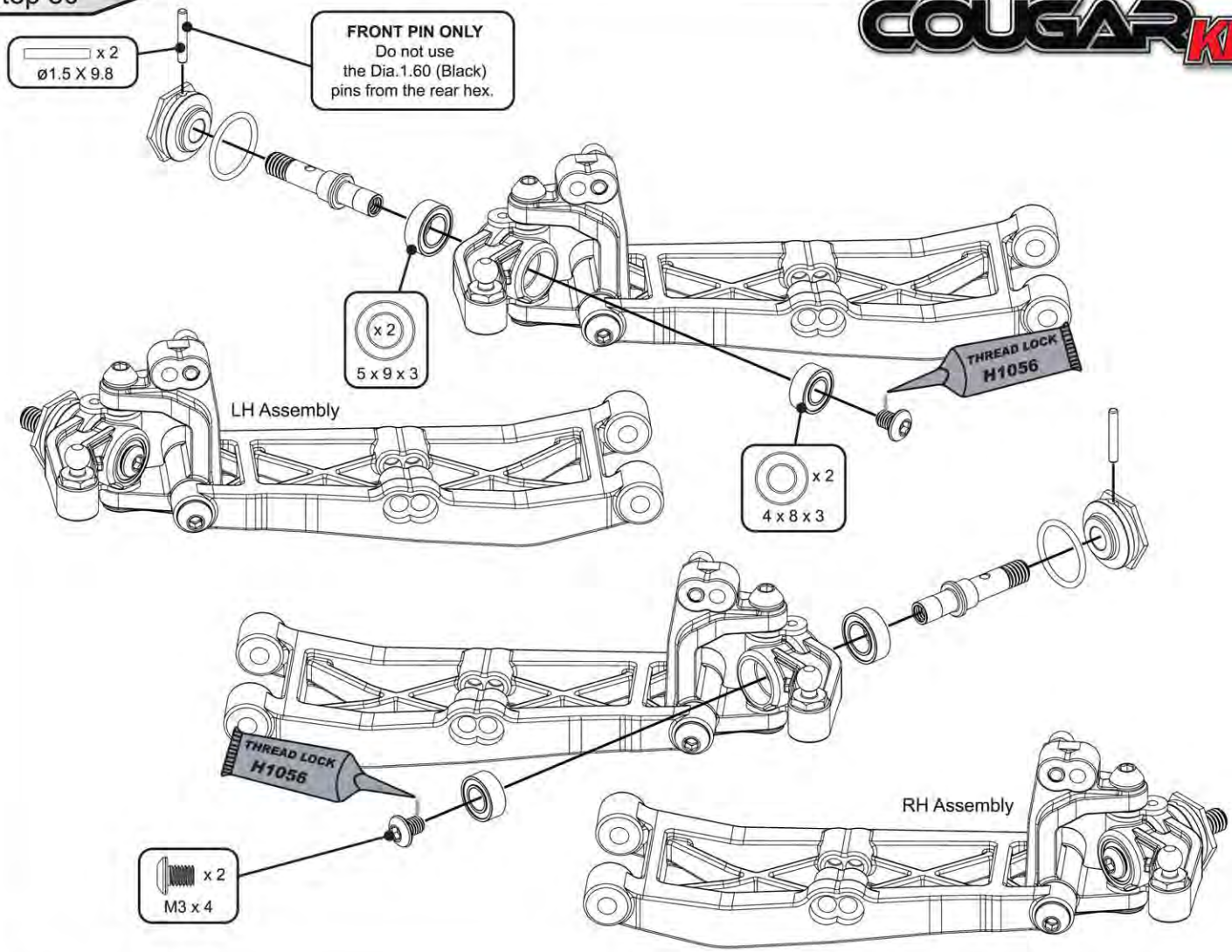


Step 29

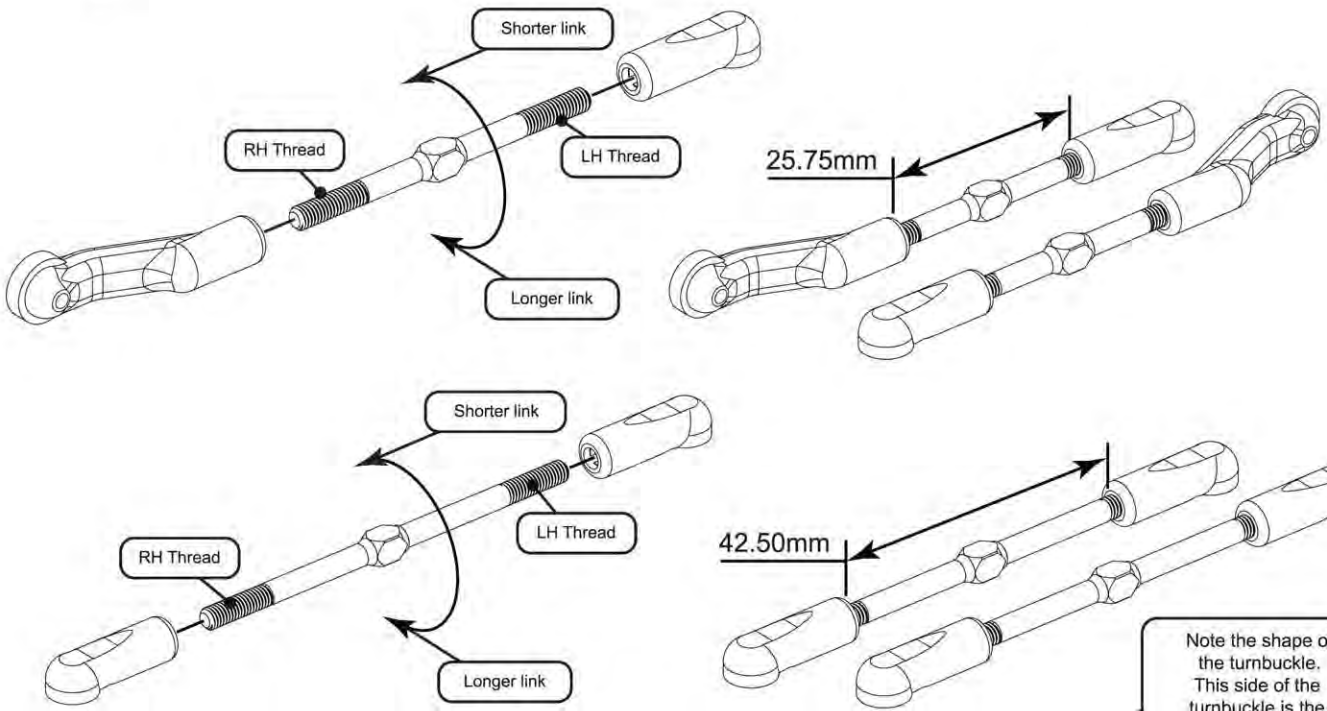
Optional washers **(NOT in kit)**
When spacing the centre track rod
(Page 15 Step 21)
You must add the same number of
washers under both ball studs to avoid
bump steer, you may also need a
longer ball.



Step 30

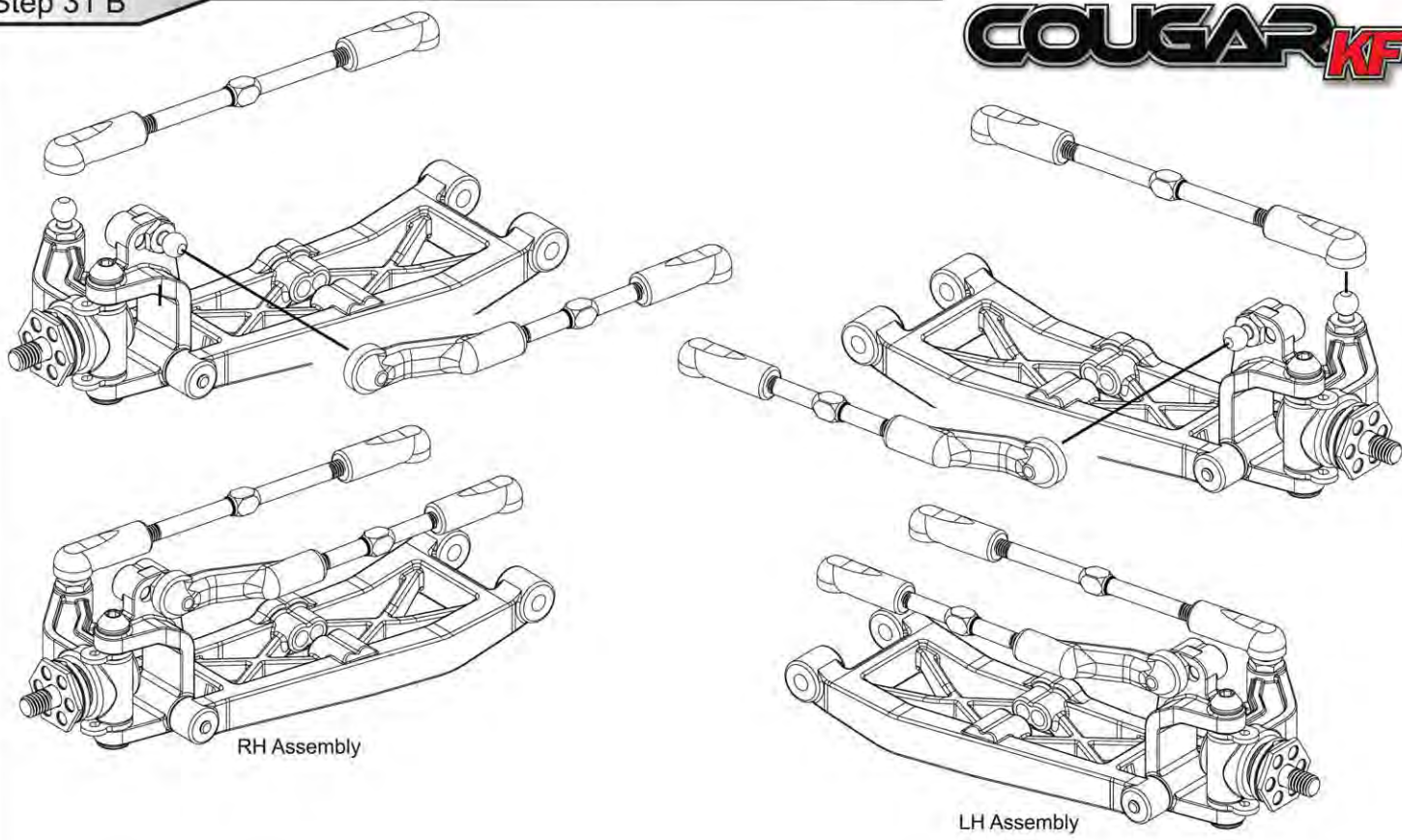


Step 31 A

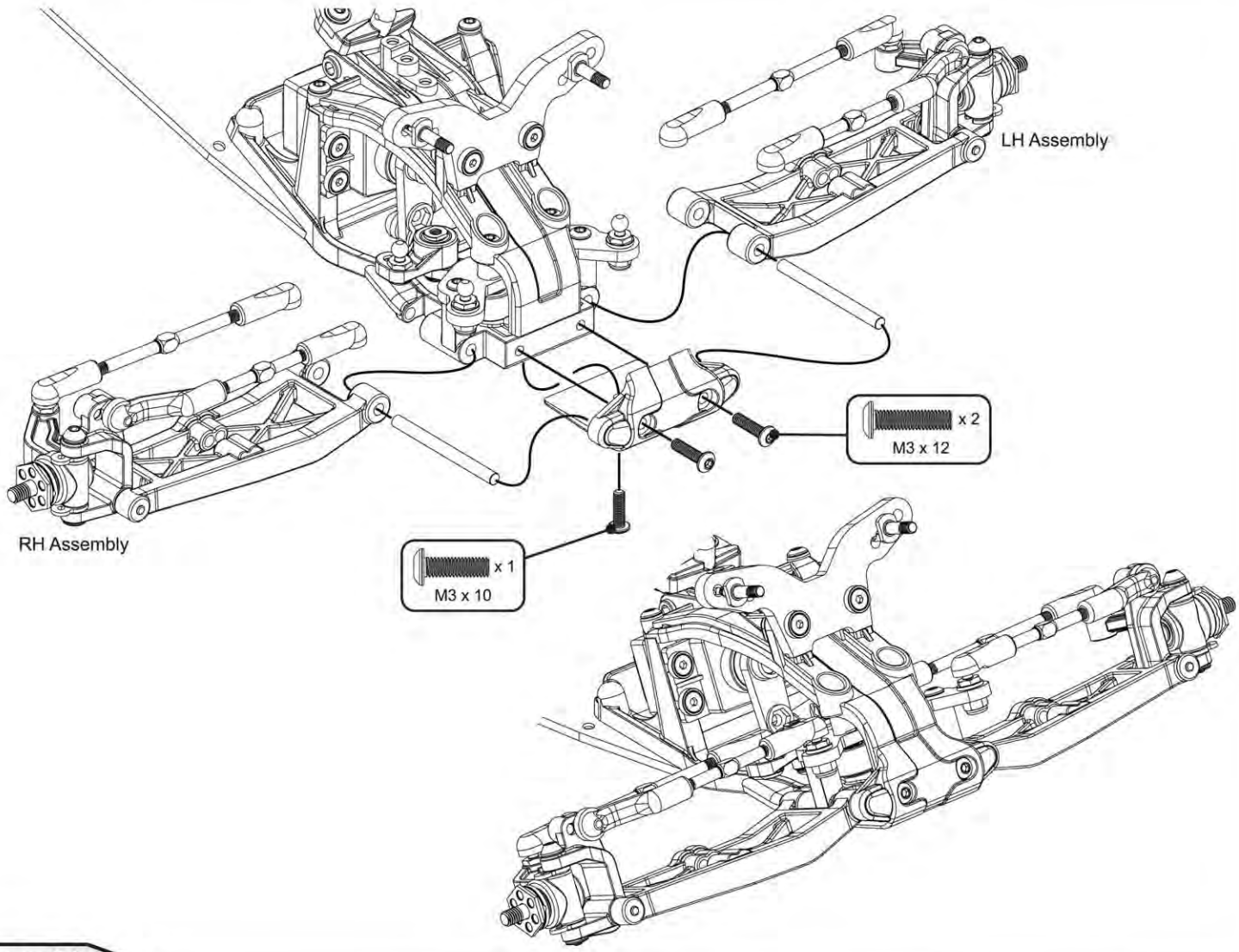


Carefully screw the sockets onto the turnbuckle
until no threads are visible.
Then undo them to the desired length.
This allows for easier adjustment on the car.
(Greasing the threads will also help)

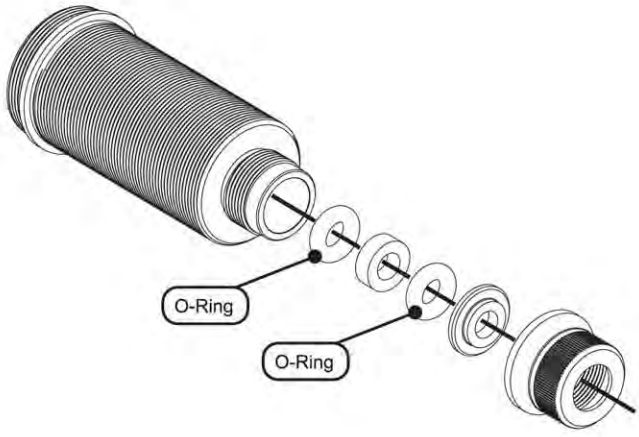
Step 31 B

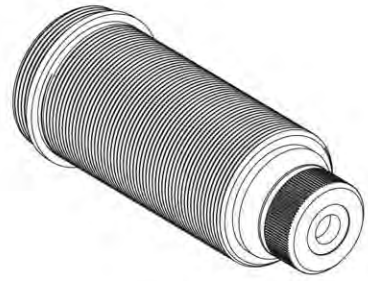


Step 32 A

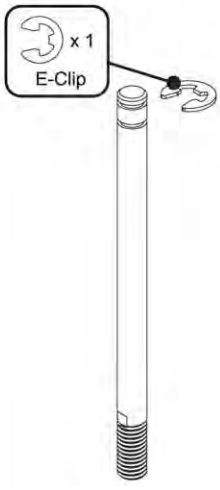


Step 33

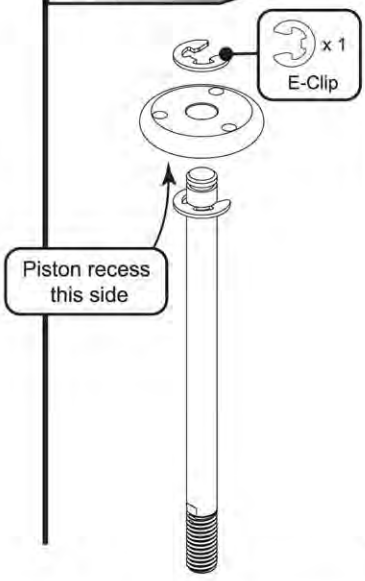




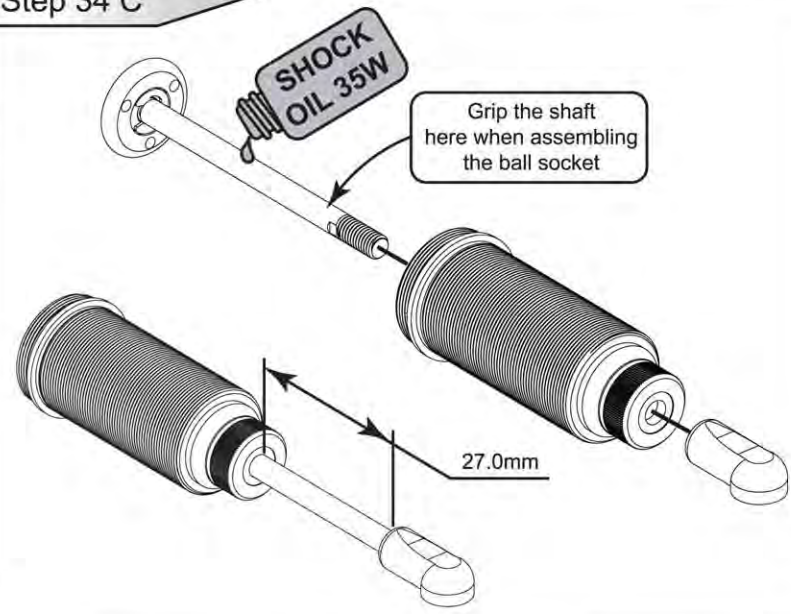
Step 34 A



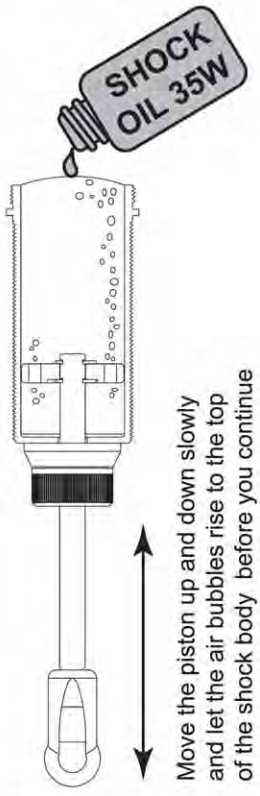
Step 34 B



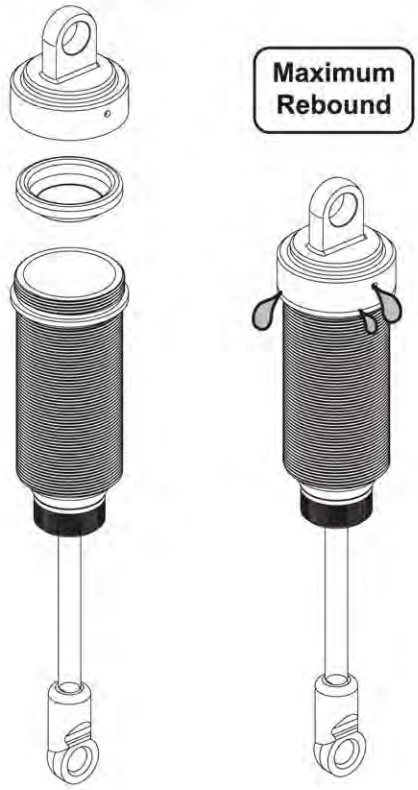
Step 34 C

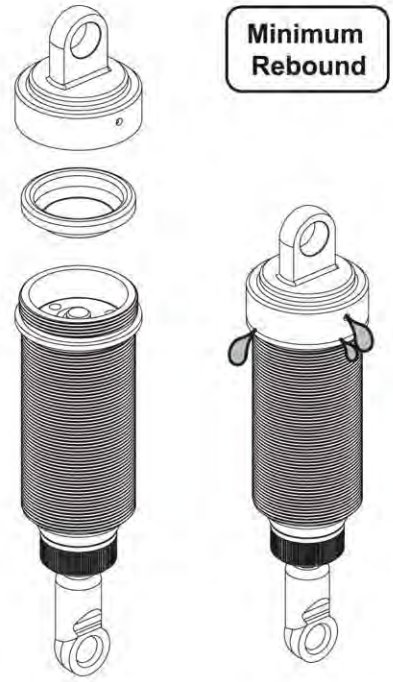


Step 35 A



Step 35 B

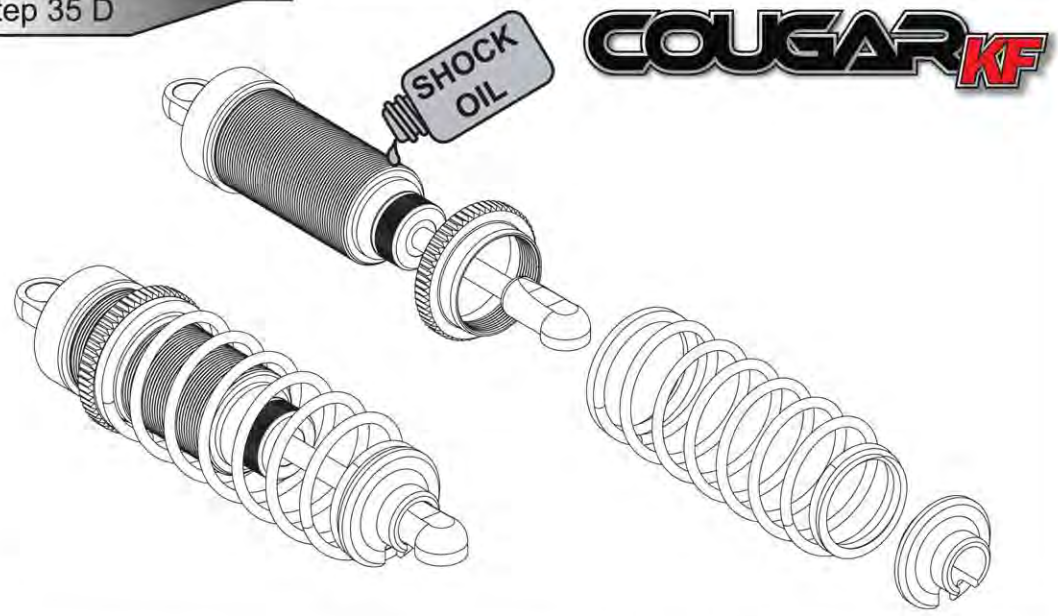




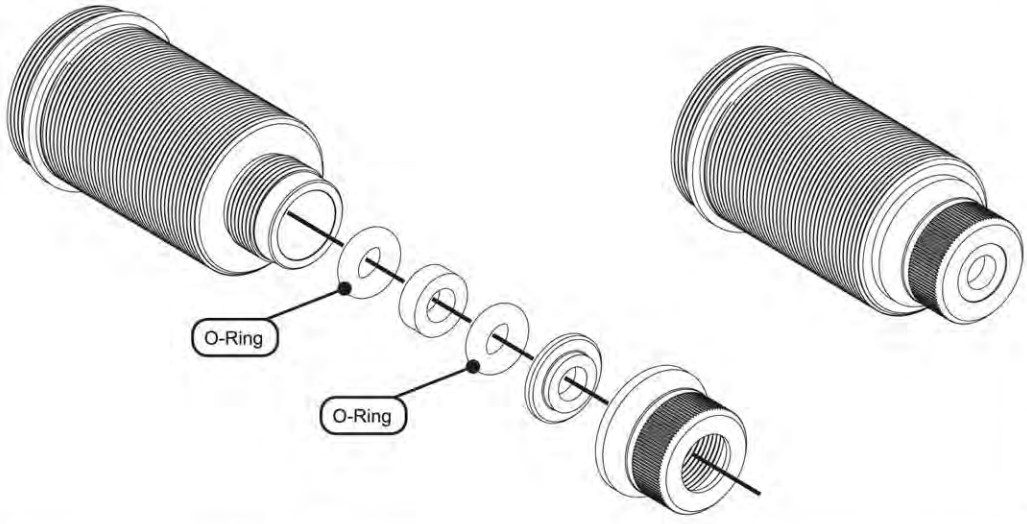
Step 35 C



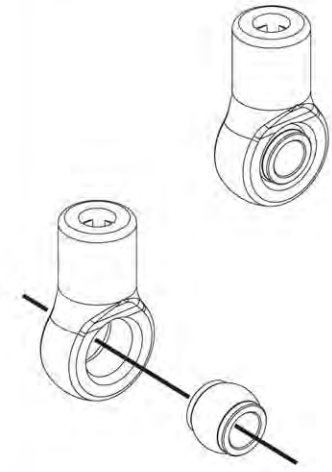
Step 35 D



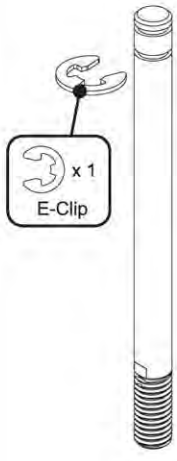
Step 36



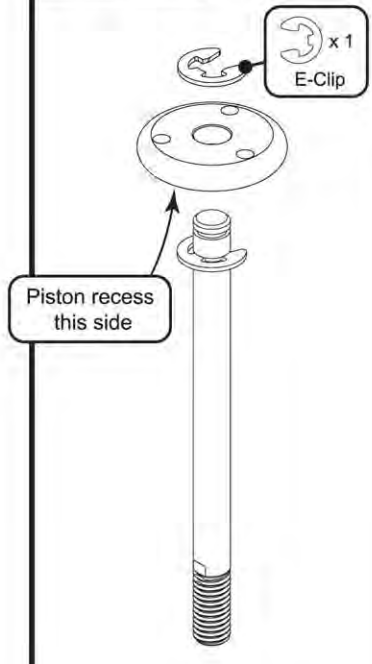
Step 37 A



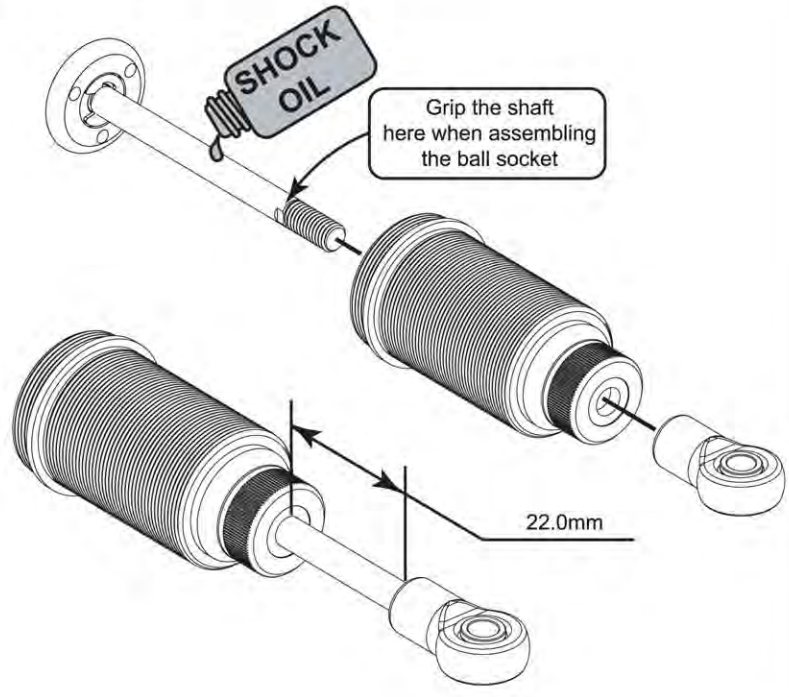
Step 37 B



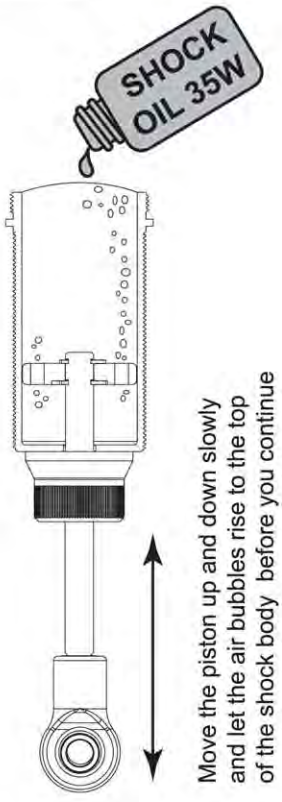
Step 37 C



Step 37 D

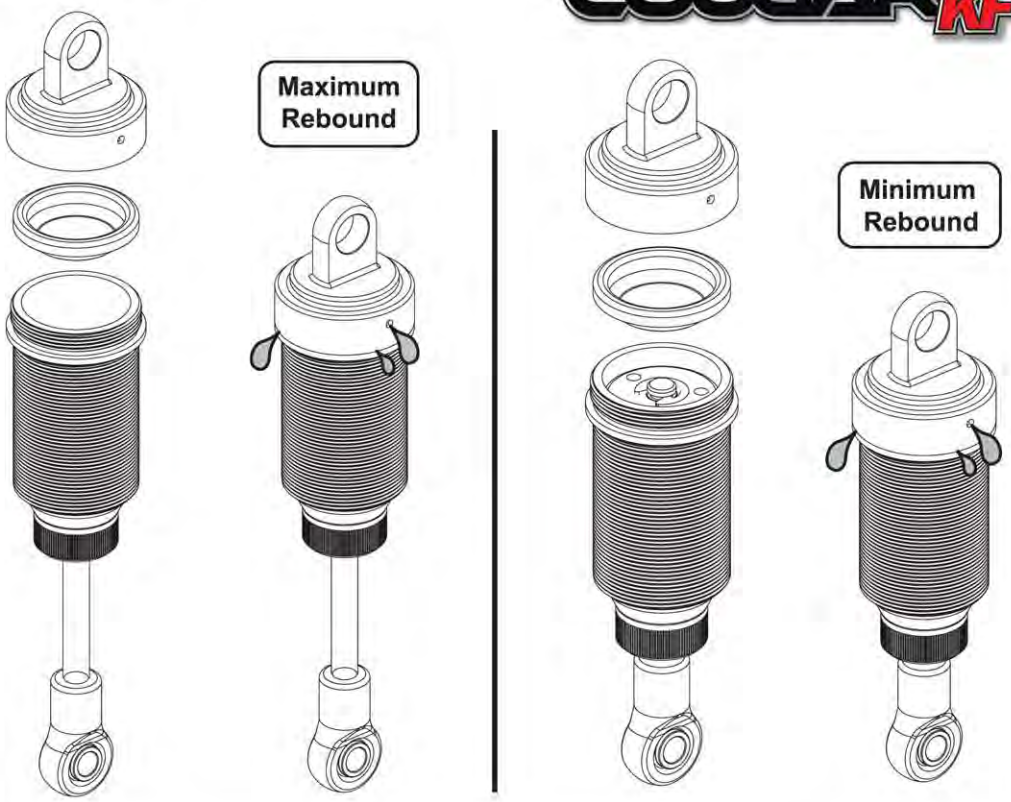


Step 38 A



Move the piston up and down slowly and let the air bubbles rise to the top of the shock body before you continue

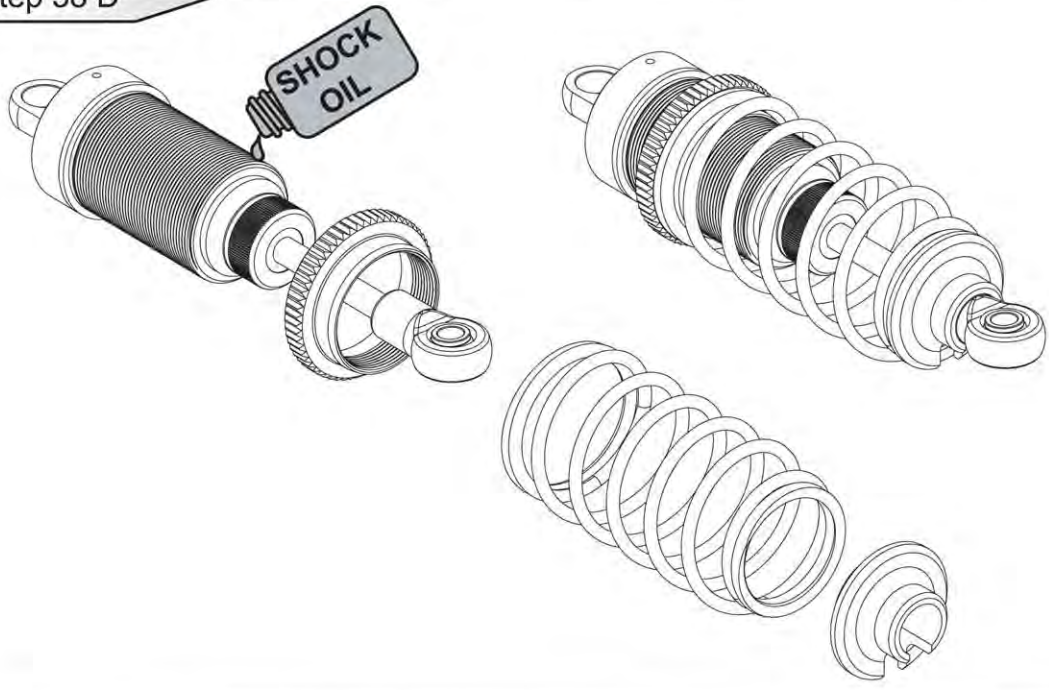
Step 38 B



Step 38 C



Step 38 D

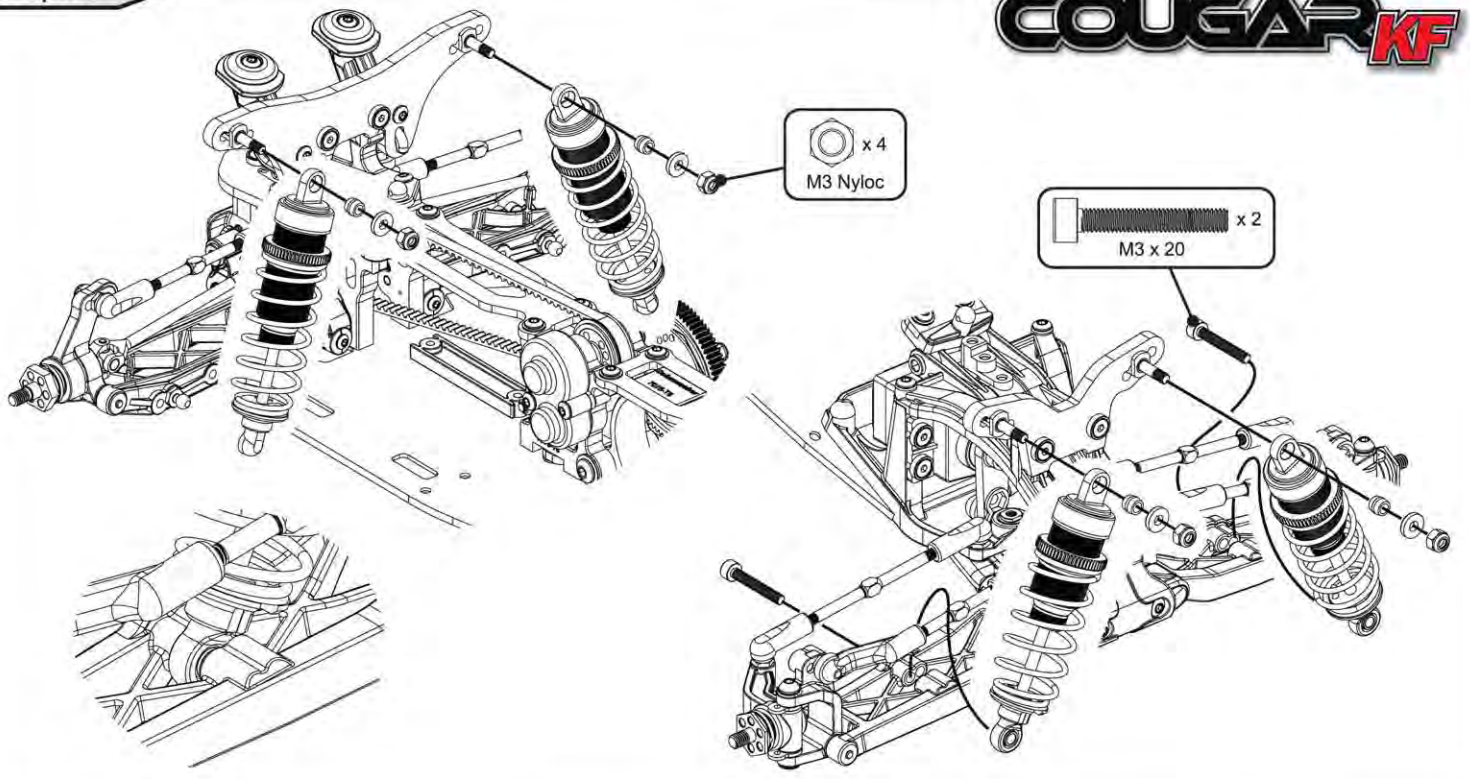


Silicone Oils

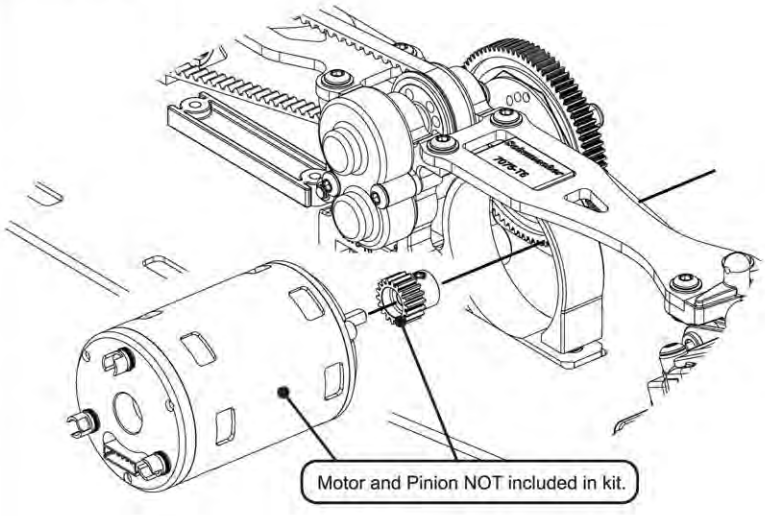


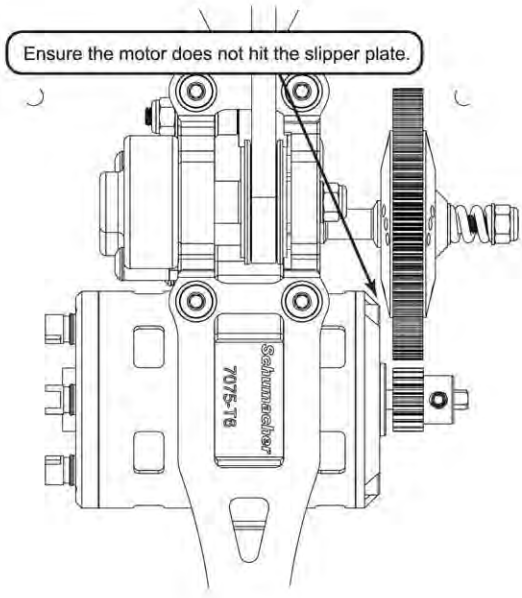
CR200 CORE R/C Silicone Oil - 100 cSt - 60ml
CR201 CORE R/C Silicone Oil - 150 cSt - 60ml
CR202 CORE R/C Silicone Oil - 200 cSt - 60ml
CR203 CORE R/C Silicone Oil - 250 cSt - 60ml
CR204 CORE R/C Silicone Oil - 300 cSt - 60ml
CR205 CORE R/C Silicone Oil - 350 cSt - 60ml
CR206 CORE R/C Silicone Oil - 400 cSt - 60ml
CR207 CORE R/C Silicone Oil - 450 cSt - 60ml
CR208 CORE R/C Silicone Oil - 500 cSt - 60ml
CR209 CORE R/C Silicone Oil - 550 cSt - 60ml
CR210 CORE R/C Silicone Oil - 600 cSt - 60ml

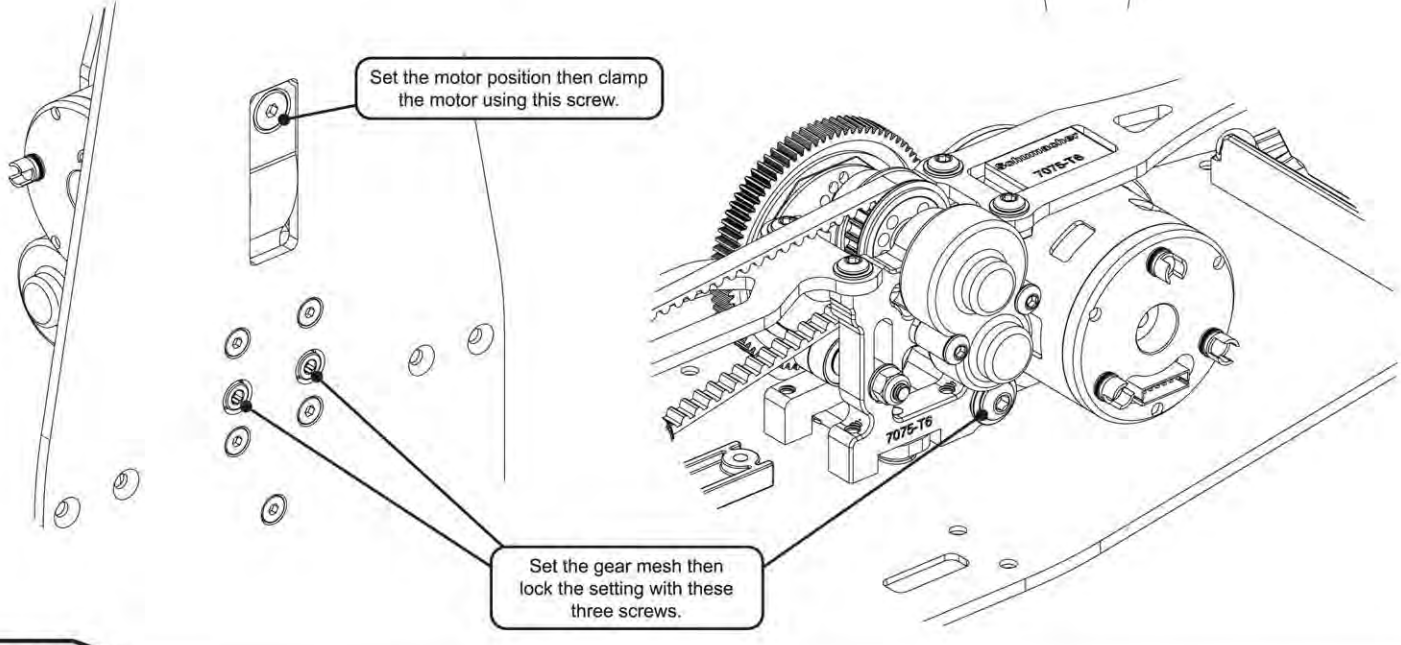
Step 39



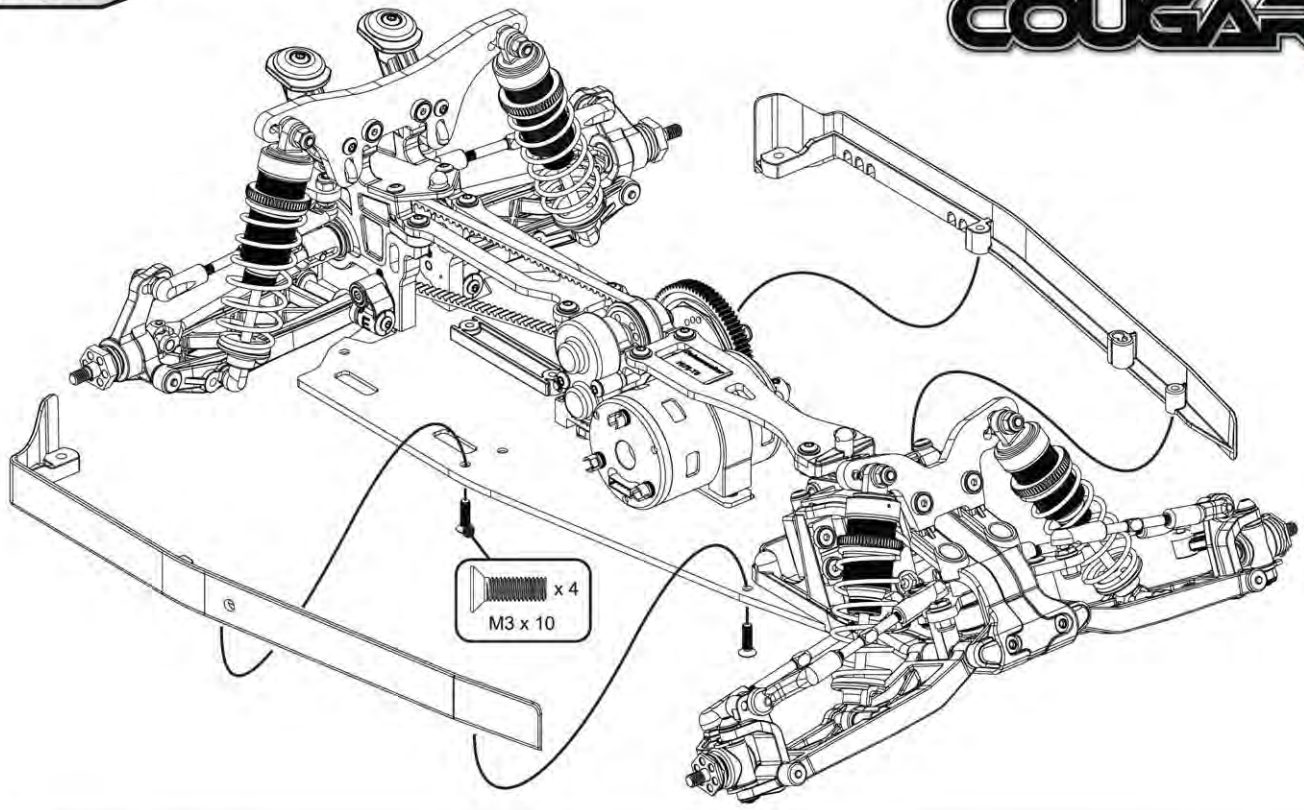
Step 40 A



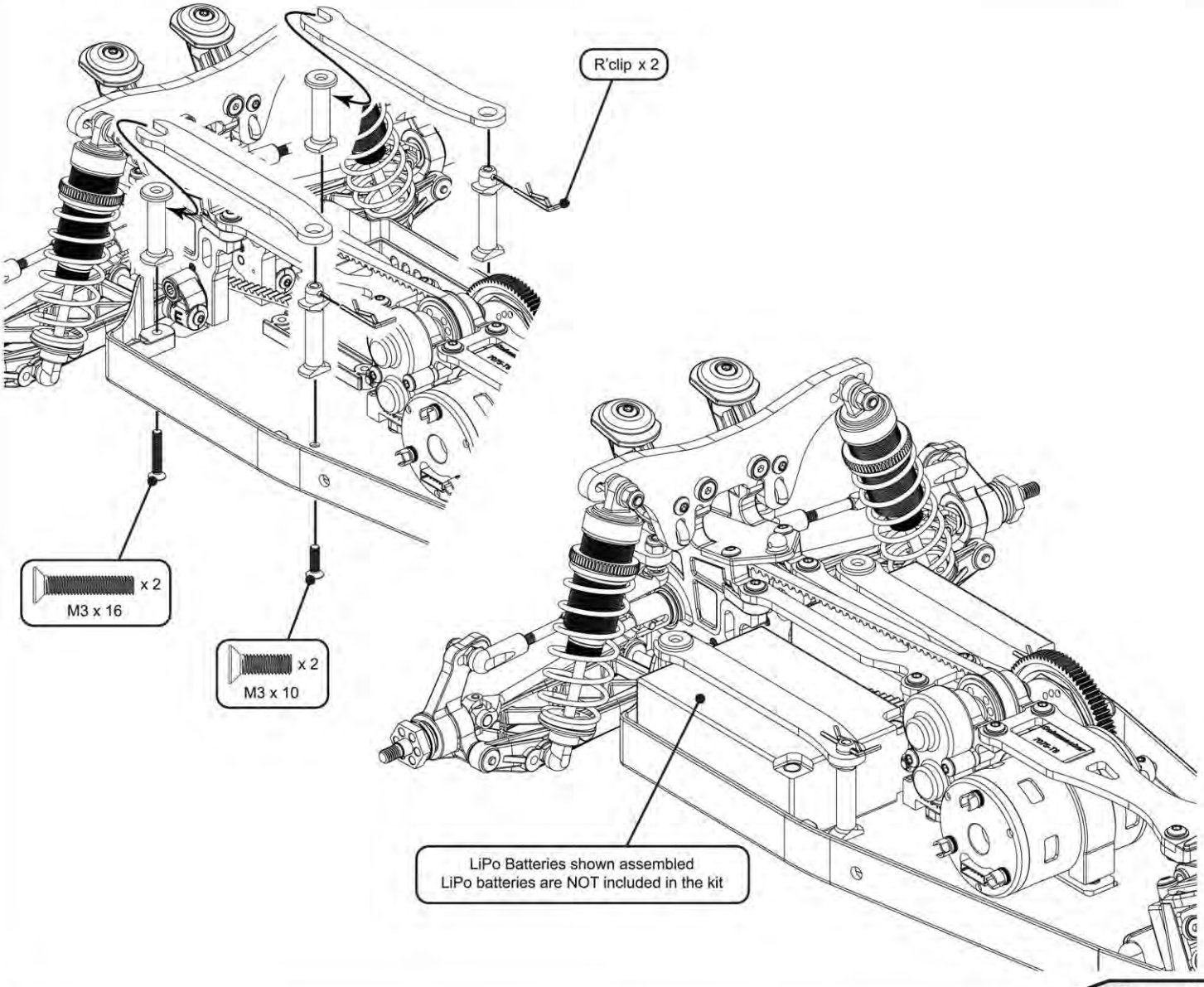


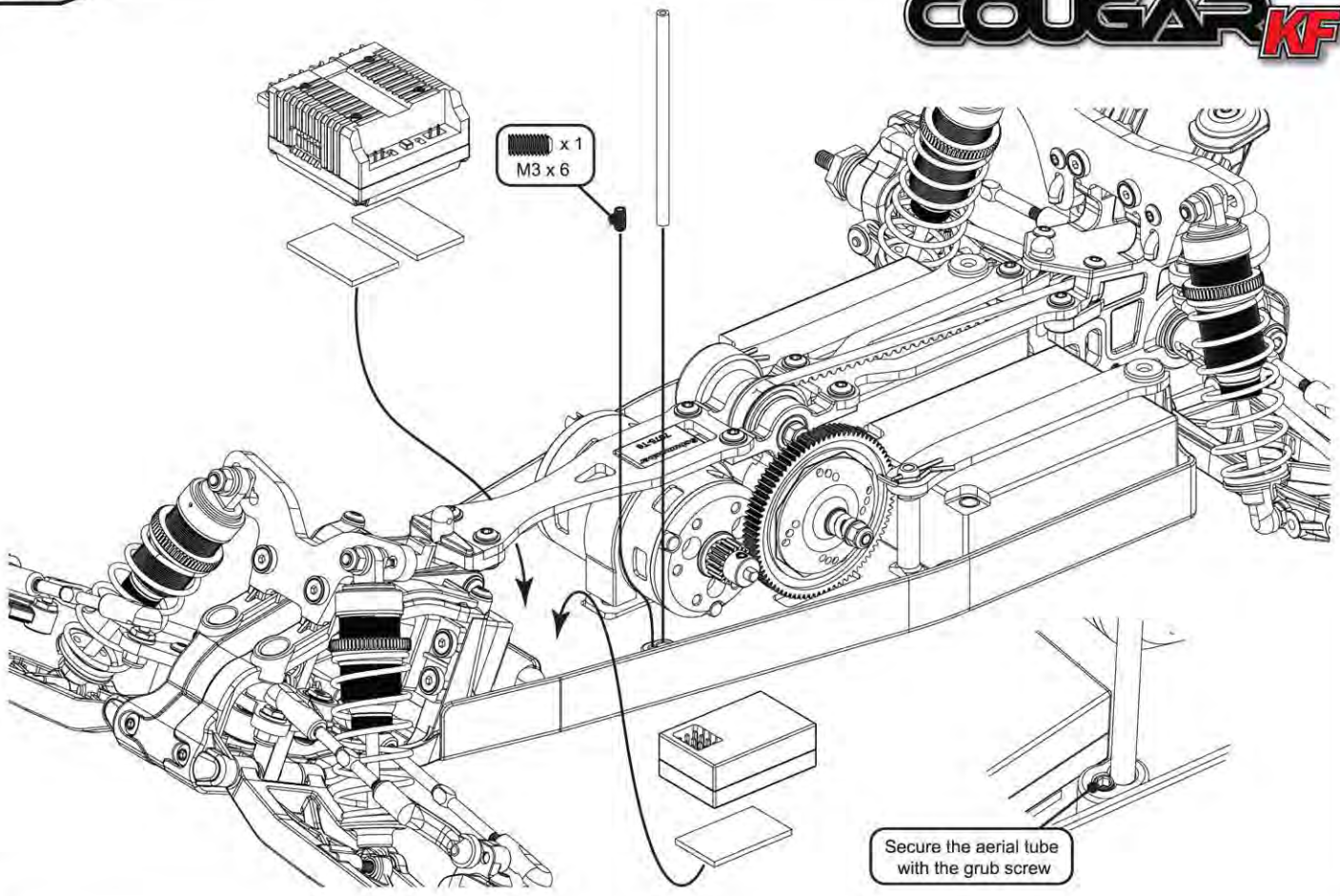


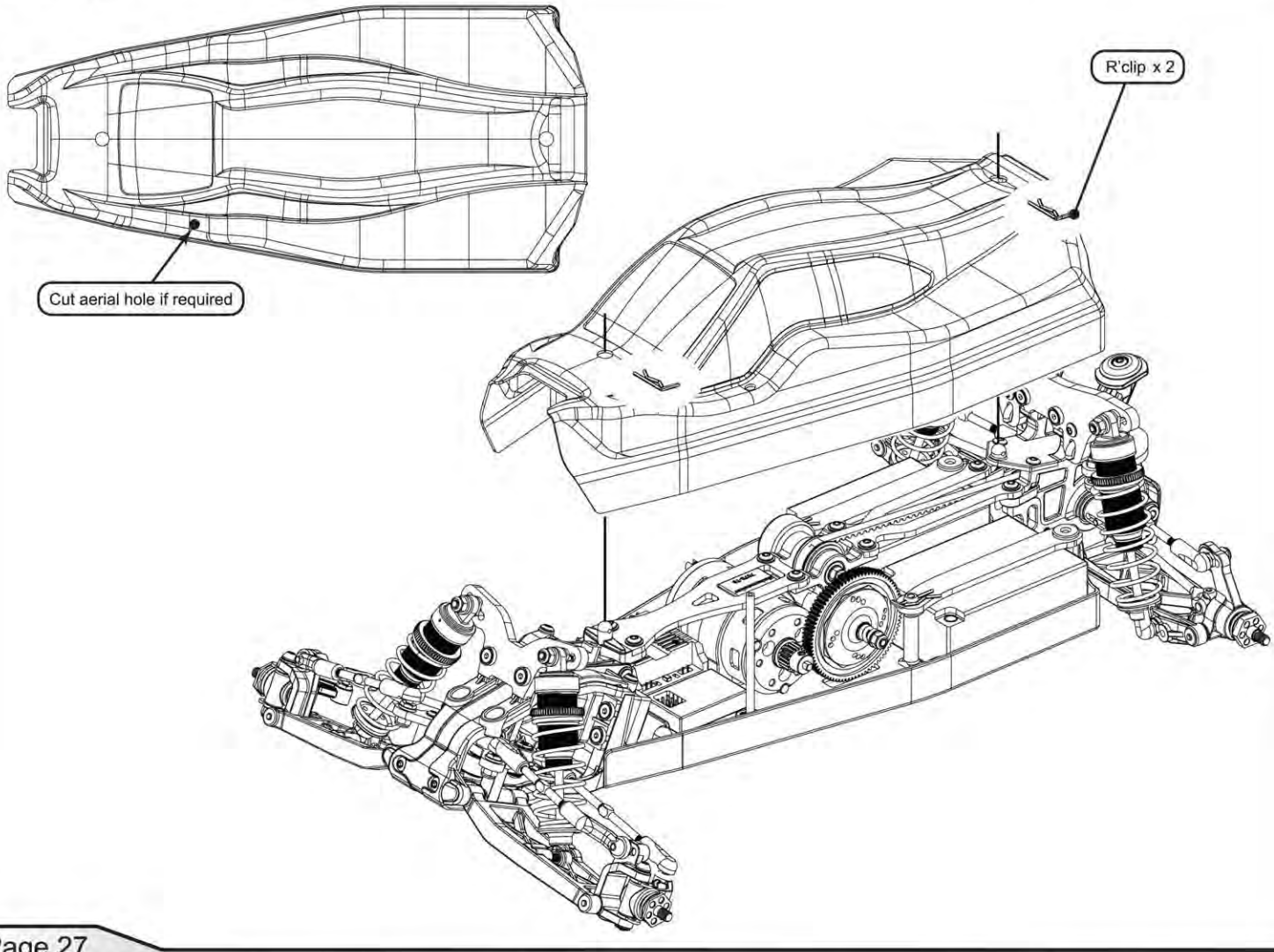
Step 40 A



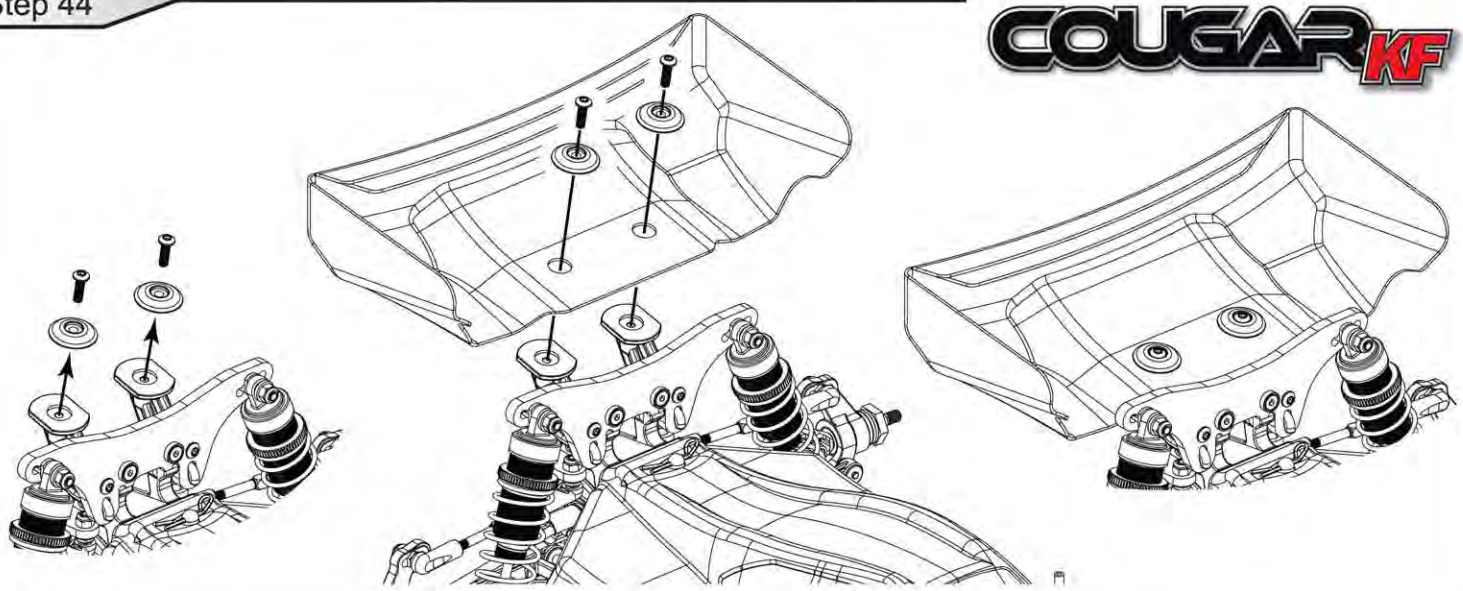
Step 41



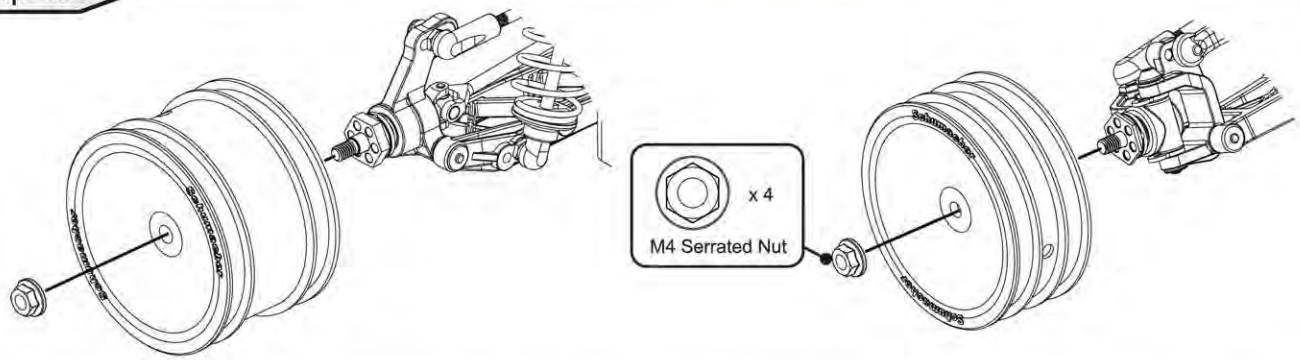

x 1
M3 x 6
Secure the aerial tube with the grub screw


R'clip x 2
Cut aerial hole if required

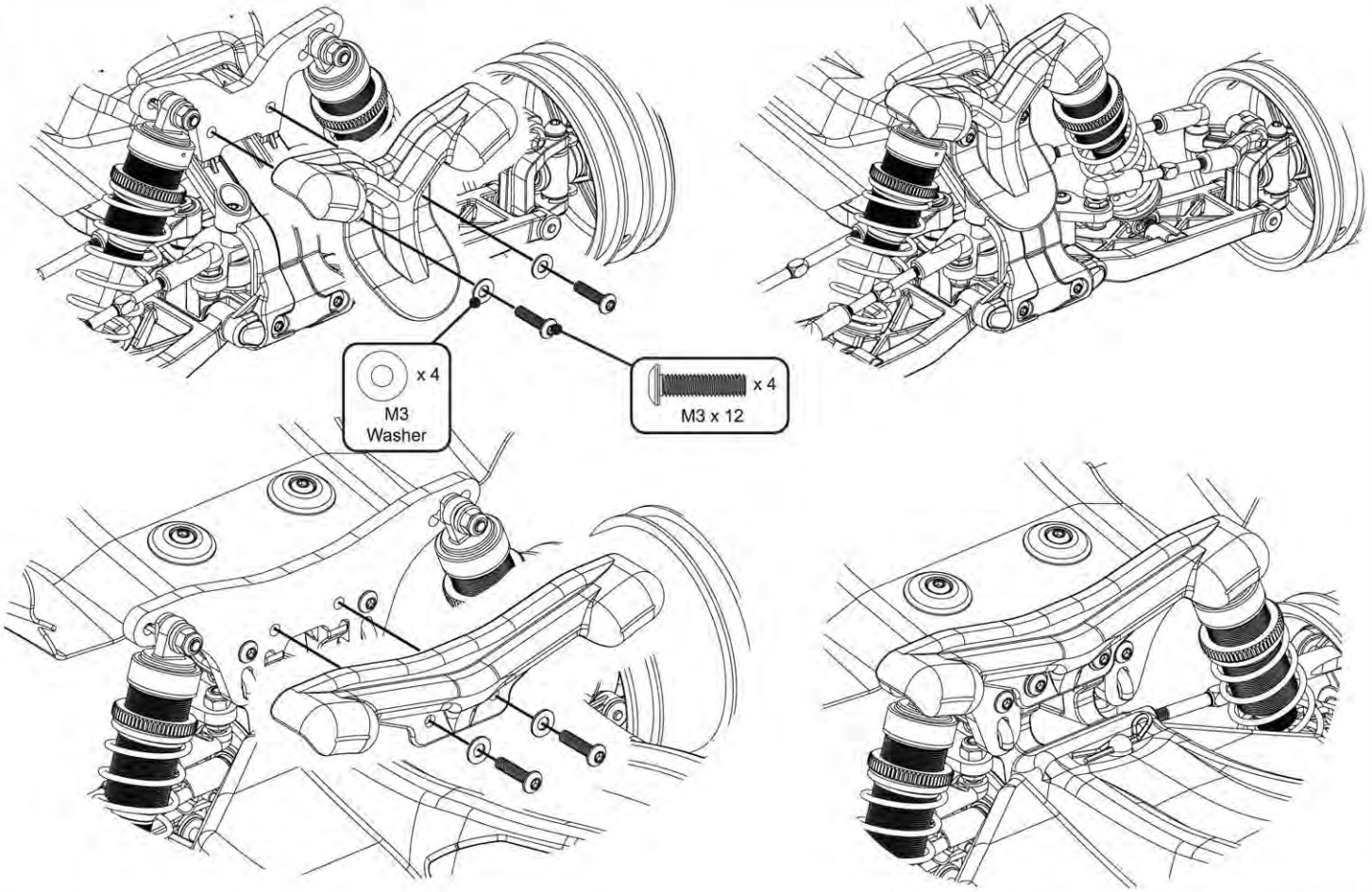
Step 44



Step 45

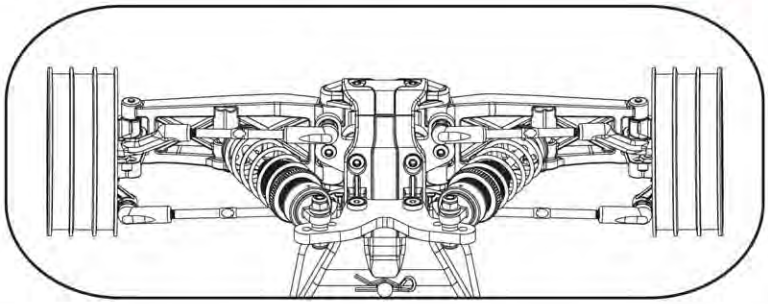


Optional Shock Covers



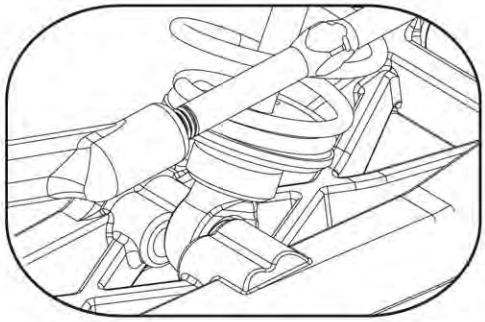
Front Toe In

Front toe in should be set to 0° (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.



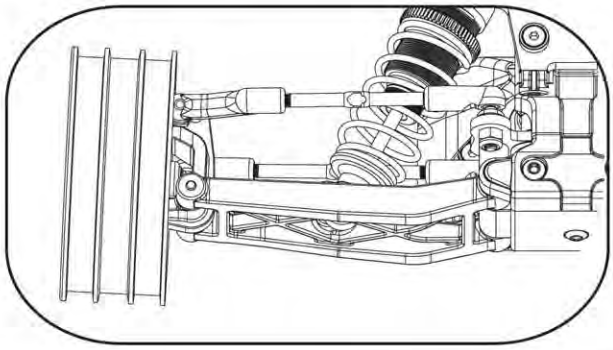
Front Wishbone Shock Mounting Hole

The inboard hole on the wishbone is the standard setting for most tracks. Moving the shock out to the outer hole makes the car less reactive. It decreases the initial turn in and keeps the front of the car flatter through the turns. This setting also makes the front end stiffer and reduces the front suspension travel.



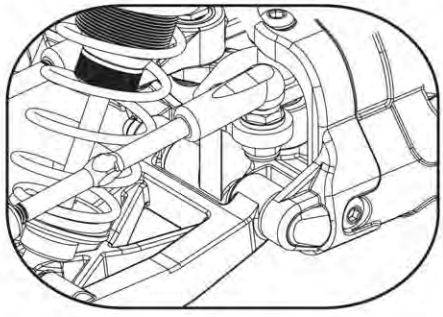
Front Camber

The usual team setting for static front camber is 1-2° 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.



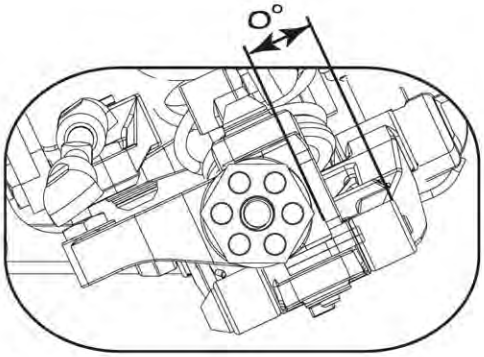
Front Camber Links

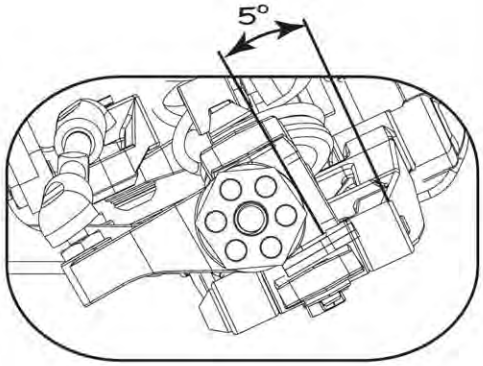
The kit front camber link position and length are what the Team recommend for most tracks. Using a long front link makes the front of the car roll more and will give less steering reaction at high speed. It is also not quite as good on very bumpy tracks. We would probably recommend this on fairly smooth 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 Yoke

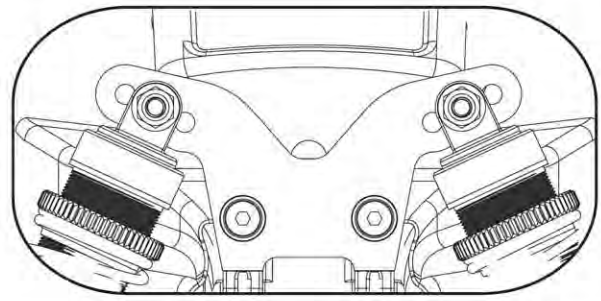
The rake angle (kick up) is 25° on the cougar and needs adding to the castor block angle to get the total castor angle. The standard car uses a 0° castor block making the standard car 25° in total; this can be increased to 30° by using the optional 5° castor block. Using more castor gives better corner entry steering but less power on steering at corner exit, and will make the steering feel a little softer than when using the standard 25° setup.





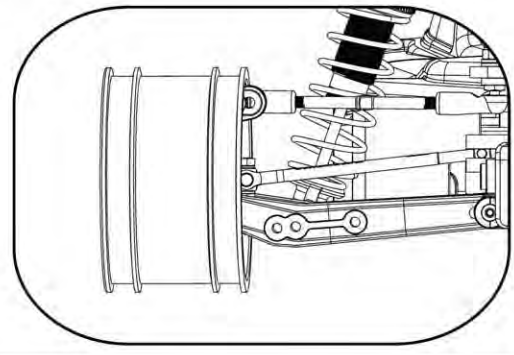
Front Shock Mount

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 may 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. Again you may need to alter the oil and spring combination to get the suspension correct again.



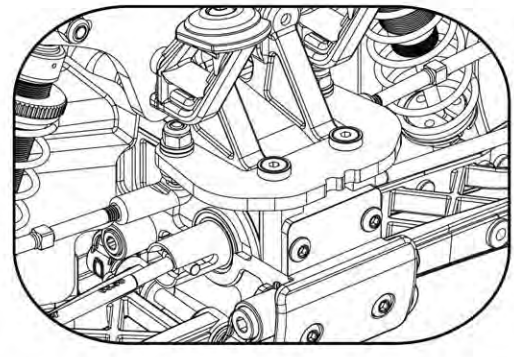
Rear Camber

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)



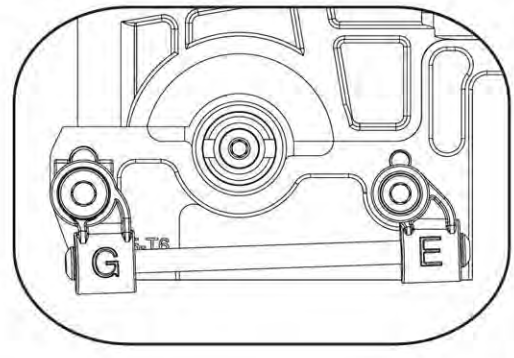
Rear Camber Link

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.



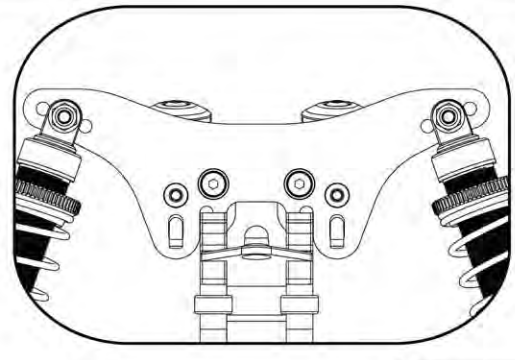
Rear Anti Squat

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.



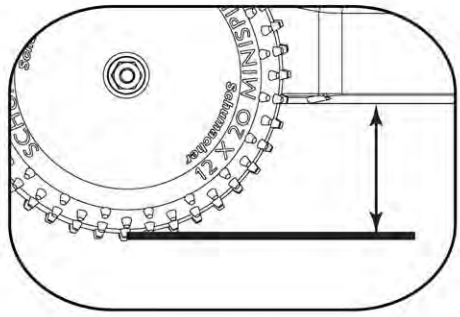
Rear Shock Mount

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.



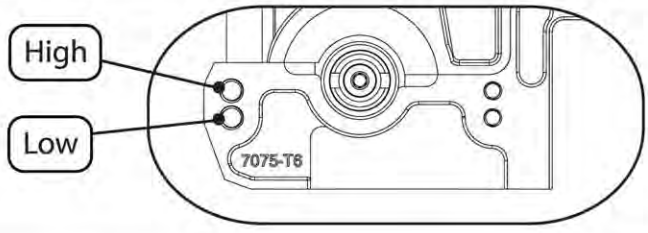
Ride height

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 Pin Hieght

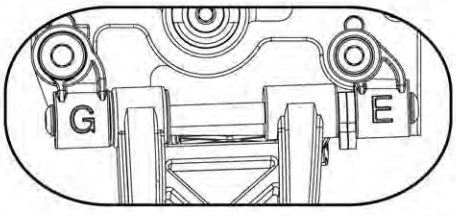
The Low position is Factory Standard and is suitable for most tracks and conditions.
The High position can give more stability on low grip or very bumpy tracks.



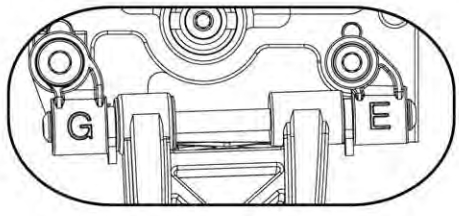
Wheel Base Adjustment

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.

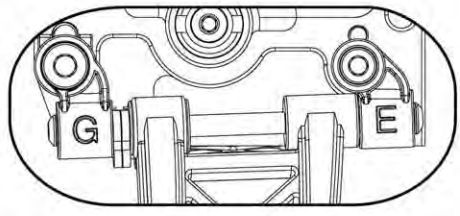
LONG



MED

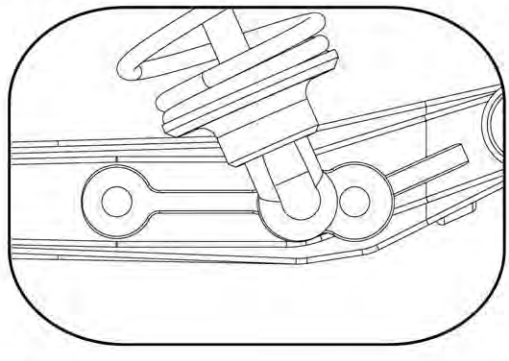


SHORT



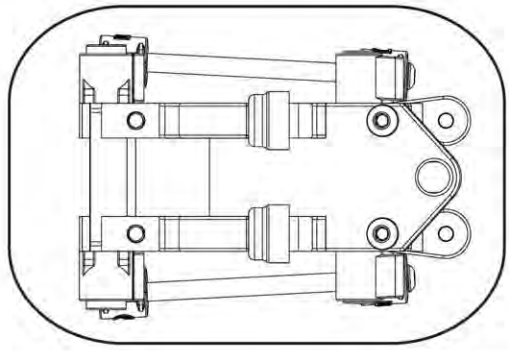
Rear Wishbone Shock Mounting Hole

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.



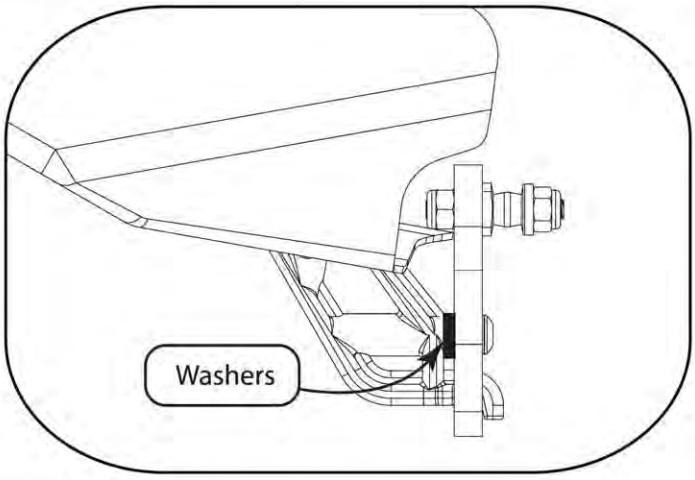
Rear Toe-in

The standard rear toe in is 3° 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.



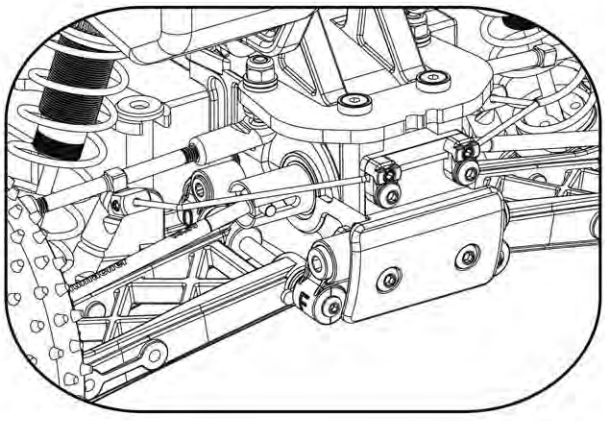
Rear Wing Angle

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.



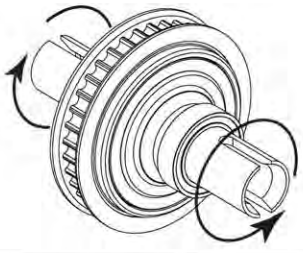
Roll Bars

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.



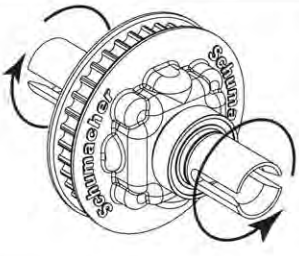
Ball Differential

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.



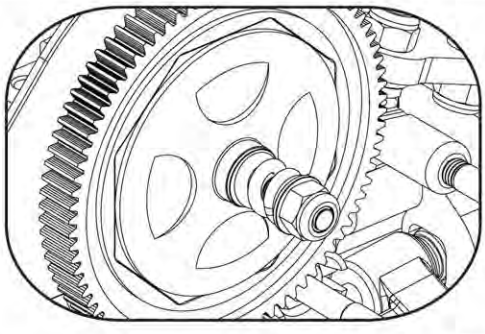
Gear Differential

Geared Diffs can give different driving characteristics. The handling of the diff is tuned by changing the oil. A recommended starting point is 2000 cSt (CR216). Recomended option oils would be 3,000 cSt (CR217) and 1000 cSt (CR214).
Changing to a thinner oil will give the car more straight line drive, thicker oil will give the car more stability.



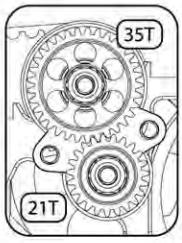
Slipper Clutch

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.



The Standard Ratio is 2.58:1 with the option to run either 2.23:1 or 3:1 with optional parts.
One advantage of these interchangeable ratio's is that it is possible to adjust the motor position whilst maintaining the same overall gearing.

3.00 : 1



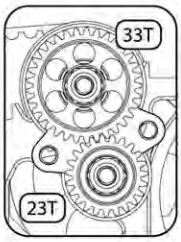
We Class this as a High inertia ratio, as the layshaft for the same overall gearing will be rotating faster than the other available ratios. This will give you a smooth driving transmission, spooling up and down without major reactions from throttle input, Good for loose surfaces.

	17	18	19	20	21	22	23	24	25	26	27	28
83	14.65	13.83	13.11	12.45	11.86	11.32	10.83	10.38	9.96	9.58	9.22	8.89
82	14.47	13.67	12.95	12.30	11.71	11.18	10.70	10.25	9.84	9.46	9.11	8.79
81	14.29	13.50	12.79	12.15	11.57	11.05	10.57	10.13	9.72	9.35	9.00	8.68
80	14.12	13.33	12.63	12.00	11.43	10.91	10.43	10.00	9.60	9.23	8.89	8.57

	24	25	26	27	28	29	30	31	32	33	34	35	36	37
76	9.50	9.12	8.77	8.44	8.14	7.86	7.60	7.35	7.13					
71						7.34	7.10	6.87	6.66	6.45	6.26	6.09	5.92	5.76

Tooth Sum 100 Minimum 108 Maximum

2.58 : 1



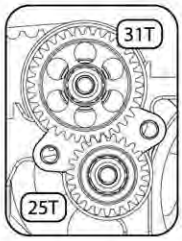
We Class this as a Medium inertia ratio, as the layshaft for the same overall gearing will be rotating at speeds between the other available ratios. This will result in a transmission that has a good balance of sharp response and smooth transmission.This Kit Ratio is Recommended for most applications

	17	18	19	20	21	22	23	24	25	26	27	28
83	12.57	11.87	11.24	10.68	10.17	9.71	9.29	8.90	8.55	8.22	7.91	7.63
82	12.42	11.73	11.11	10.55	10.05	9.59	9.18	8.79	8.44	8.12	7.82	7.54
81	12.26	11.58	10.97	10.42	9.93	9.48	9.06	8.69	8.34	8.02	7.72	7.45
80	12.11	11.44	10.84	10.30	9.81	9.36	8.95	8.58	8.24	7.92	7.63	7.35

	24	25	26	27	28	29	30	31	32	33	34	35	36	37
76	8.15	7.82	7.52	7.25	6.99	6.75	6.52	6.31	6.11					
71						6.32	6.11	5.91	5.72	5.55	5.39	5.23	5.09	4.95

Tooth Sum 100 Minimum 108 Maximum

2.23 : 1



We Class this as a Low inertia ratio, as the layshaft for the same overall gearing will be rotating Slower than the other available ratios. This will result in a faster reacting transmission, with sharper responses to throttle and brake input. Good for High Grip situations.

	17	18	19	20	21	22	23	24	25	26	27	28
83	10.90	10.29	9.75	9.26	8.82	8.42	8.05	7.72	7.41	7.13	6.86	6.62
82	10.77	10.17	9.63	9.15	8.72	8.32	7.96	7.63	7.32	7.04	6.78	6.54
81	10.63	10.04	9.52	9.04	8.61	8.22	7.86	7.53	7.23	6.95	6.70	6.46
80	10.50	9.92	9.40	8.93	8.50	8.12	7.76	7.44	7.14	6.87	6.61	6.38

	24	25	26	27	28	29	30	31	32	33	34	35	36	37
76	7.07	6.79	6.52	6.28	6.06	5.85	5.65	5.47	5.30					
71						5.46	5.28	5.11	4.95	4.80	4.66	4.52	4.40	4.28

Tooth Sum 100 Minimum 108 Maximum



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



G310
Schumacher Rubber Pit Mat
750mm x 500mm



S500B - Team Schumacher Banner 3ft x 6ft



U4160 - Rear Alloy Block Conversion Set - CAT K1



U3611 - CNC Alloy Shock Spring Seat (pr)



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)



Assembled Small Bore Shocks
U4152 - Front
U4153 - Rear



U4228 - Alloy Yokes 2WD - 5deg - Cougar



U3605 - Purple Alloy Hubs 1° (Pair)



CORE RC
CR192 - Alloy Servo Arm 25T - Futaba Short
CR193 - Alloy Servo Arm 23T - Sanwa Short



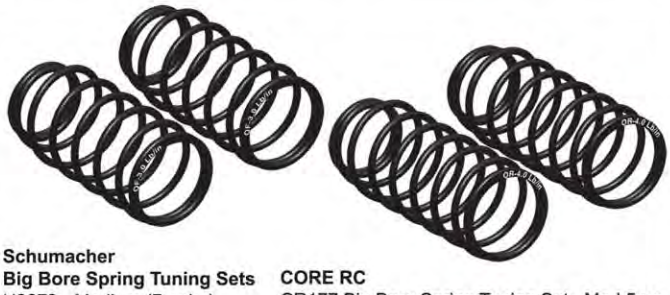
U4169 - CF Link Mount; Rear 33.50mm
U4138 - CF Link Mount; Rear (Kit) 38.00mm
U4170 - CF Link Mount; Rear 42.50mm



Purple Titanium Turnbuckles (pair)
U1573 - 53mm
U1574 - 60mm
U2566 - 45mm



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





U4098 - Front Long Medium Flex Wishbones - Cougar (pr)
U4184 - Wishbones; Rear Med Flex- CAT K1 (pr)



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

U1300
Axle Grease
The best general grease for many applications.



G200
ZX1 ExtraLube
The Ultimate Friction Eliminator.





U1957
Moly Grease
The ultimate thrust race grease!



U1301
Silicone Diff Lube
The best lube for ball diffs!



U4453 - CF Link Mount; Front 40.50mm
U4454 - CF Link Mount; Front 45.50mm
U4452 - CF Link Mount; Front (Kit) 50.50mm
U4455 - CF Link Mount; Front 60.00mm



U4172 - Rear Roll Bar Set (set 3)



U4158
M4 x12 Alloy Cap
Hd Purple



U3758
Steering Yokes 5 degree



U4378 - Skid Plate - Cougar KR

U3864 - Side Gear; Steel 25T
U3865 - Side Gear; Steel 23T - Kit Std
U3866 - Side Gear; Steel 21T



U3861 - Side Gear; Steel 35T
U3862 - Side Gear; Steel 33T - Kit Std
U3863 - Side Gear; Steel 31T



U4456 - Shorty LiPo conversion set - Cougar KF



U4171 - Alloy Mount; Rr Upper - Cat K1 pr



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

2WD Slim Cut Stagger



U6759 - Yellow Compound (pair)
U6765 - Green Compound (pair)

Low Profile 2WD Slim Cut Stagger



U6770 - Yellow Compound (pair)
U6771 - Green Compound (pair)
U6775 - Silver Compound (pair)
U6776 - Blue Compound (pair)

2WD Slim Mini Spike 2



U6549 - Blue Compound (pair)
U6550 - Green Compound (pair)
U6581 - Yellow Compound (pair)
U6761 - Silver Compound (pair)

2WD Slim Mini Pin



U6609 - Yellow Compound (pair)
U6779 - 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 Front Mini Spike 2



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

4WD Front Mini Pin



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

Wheels

U4365 **Wheel Hex Rear - (black) - Off Road**
U4366 **Wheel Hex Rear - (white) - Off Road**
U4367 **Wheel Hex Front - (black) - 2wd**
U4368 **Wheel Hex Front - (white) - 2wd**



4wd Rear 2" Block



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

Rear Mini Pin



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

		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)



COUGAR KF

Driver and Event

Name
Date
Event
Weather
Result

Electrics and Gearing

E.S.C
Servo
Reciever
Batteries
Motor
Spur
Pinion
Side Gears 23T/33T Kit ☐ 21T/35T ☐ 25T/31T ☐

Track Conditions

Surface
Grip Level
Track Condition

Wheels and Tyres

Rear Wheels
Rear Tyre
Rear Insert
Front Wheels
Front Tyre
Front Insert

Diff Type

Ball ☐ Gear ☐

Diff Oil

COUGAR KF

Additional Settings

Car Weight
Washers Between
CTR and Bellcranks mm
Bump Steer Washers mm
Wing Gurney Height mm

NOTES

Front Shocks

Oil | Spring | Shock Cap Sealed ☐ Vented ☐ Emulsion ☐ | Piston

Drilled ☐ | Hole Size mm



Shock Length mm

Rear Shocks

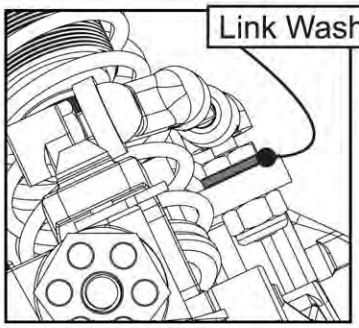
Oil | Spring | Shock Cap Sealed ☐ Vented ☐ Emulsion ☐ | Piston

Drilled ☐ | Hole Size mm

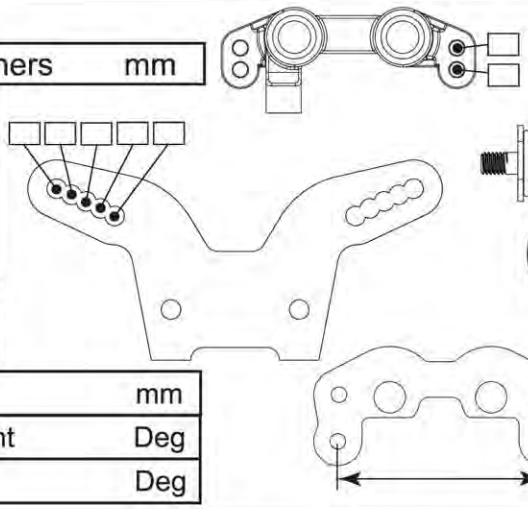


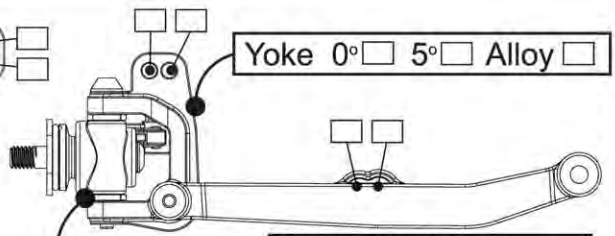
Shock Length mm

Front Suspension



Link Washers mm





Yoke 0° ☐ 5° ☐ Alloy ☐

Front Wishbones Kit ☐ Reversed ☐

Hub Carrier High ☐ Middle ☐ Low ☐

60.0 ☐ 50.5 ☐ 45.5 ☐ 40.5 ☐

Front Ride Height	mm
Front Camber at Ride Height	Deg
Front Toe In	Deg

Rear Suspension

Anti roll bar No ☐ 1.00 ☐ 1.20 ☐ 1.40 ☐ 1.60 ☐

Wheelbase Short ☐ Med ☐ Long ☐

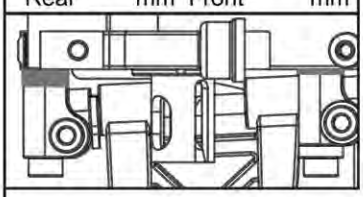
Camber at Ride Height Deg

Ride Height mm

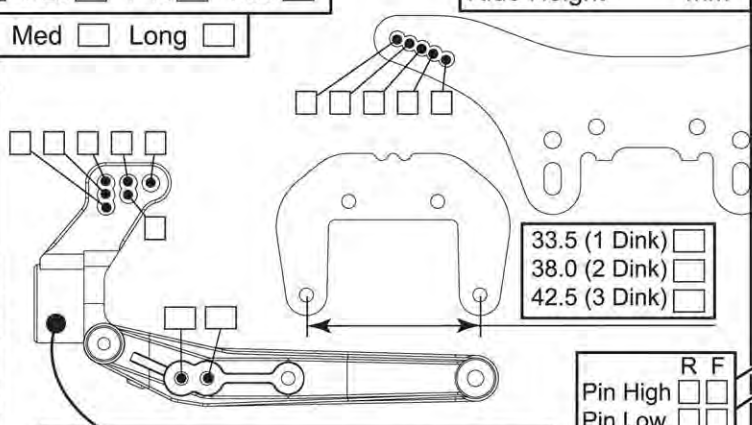
Rear Toe-in & Track Washers

0.00 Difference = 0.00° Toe-in ☐
0.50 Difference = 0.60° Toe-in ☐
1.00 Difference = 1.30° Toe-in ☐
1.50 Difference = 1.95° Toe-in ☐
2.00 Difference = 2.60° Toe-in ☐
2.50 Difference = 3.25° Toe-in ☐
3.00 Difference = 3.90° Toe-in ☐

Rear mm Front mm



Blocks Moulded ☐ Alloy ☐



33.5 (1 Dink) ☐
38.0 (2 Dink) ☐
42.5 (3 Dink) ☐

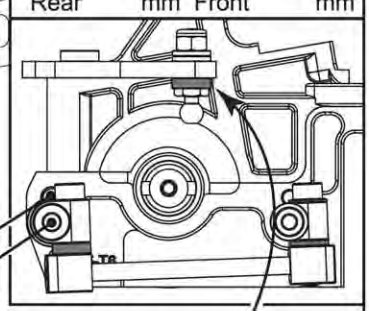
Rear Hub Carrier	Alloy ☐ Std ☐
Alloy Hub Carrier	+1° ☐ -1° ☐

R F
Pin High ☐ ☐
Pin Low ☐ ☐

Anti-squat Washers

0.00 Difference = 0.00° Toe-in ☐
0.50 Difference = 0.60° Toe-in ☐
1.00 Difference = 1.30° Toe-in ☐
1.50 Difference = 1.95° Toe-in ☐
2.00 Difference = 2.60° Toe-in ☐
2.50 Difference = 3.25° Toe-in ☐
3.00 Difference = 3.90° Toe-in ☐

Rear mm Front mm



Link Washers mm

Driver and Event

Name	**TOM COCKERILL**
Date	**OCT 2013**
Event	**SILVERSTONE**
Weather	**INDOOR**
Result	**TQ + WIN**

Electrics and Gearing

E.S.C	**NOSRAM COMET HD**
Servo	**SANWA**
Reciever	**KO**
Batteries	**NOSRAM 5800**
Motor	**NOSRAM PURE 2 7.5**
Spur	**76T**
Pinion	**23T**
Side Gears	23T/33T Kit [X] 21T/35T [ ] 25T/31T [ ]

Track Conditions

Surface	**ASTROTURF**
Grip Level	**HIGH**
Track Condition	**TIGHT SMALL**

Wheels and Tyres

Rear Wheels	**SCHUMACHER**
Rear Tyre	**SCH MINISPIKE YELLOW**
Rear Insert	**SCH MEDIUM**
Front Wheels	**SCHUMACHER**
Front Tyre	**SCH STAGGER YELLOW**
Front Insert	**N/A**

Diff Type

Ball [ ] Gear [X]

Diff Oil **12,500**

COUGAR KF

Additional Settings

Car Weight	**1678g**
Washers Between CTR and Bellcranks	**0.00** mm
Bump Steer Washers	**0.00** mm
Wing Gurney Height	**10.00** mm

NOTES

SADDLE PACK CELLS
KIT BUILD SETUP..

Front Shocks

Oil **400** Spring **4.0**

Shock Cap Sealed [X] Vented [ ] Emulsion [ ]

Piston **3 HOLE**

Drilled [ ] Hole Size **STD** mm



Shock Length **84.3** mm

Rear Shocks

Oil **400** Spring **2.5**

Shock Cap Sealed [X] Vented [ ] Emulsion [ ]

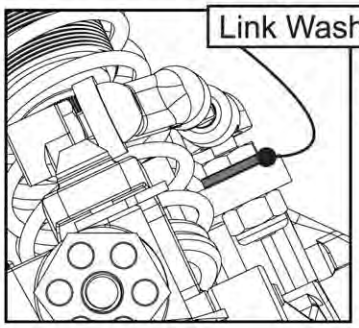
Piston **3 HOLE**

Drilled [ ] Hole Size **STD** mm

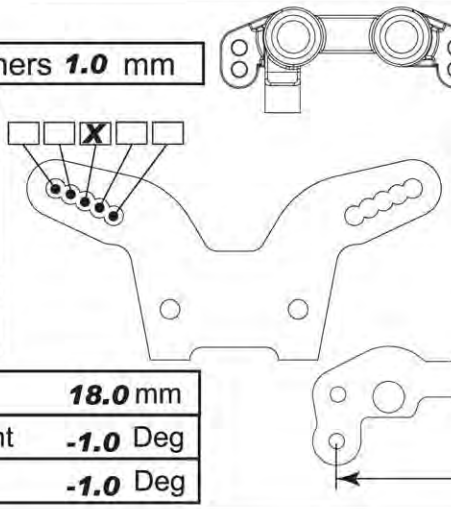


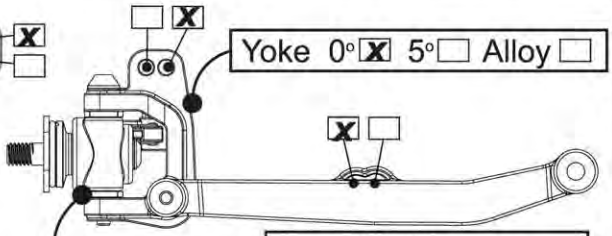
Shock Length **95.4** mm

Front Suspension



Link Washers **1.0** mm





Yoke 0° [X] 5° [ ] Alloy [ ]

Front Wishbones Kit [X] Reversed [ ]

Hub Carrier High [ ] Middle [X] Low [ ]

60.0 [ ] 50.5 [X] 45.5 [ ] 40.5 [ ]

Front Ride Height	**18.0** mm
Front Camber at Ride Height	**-1.0** Deg
Front Toe In	**-1.0** Deg

Rear Suspension

Anti roll bar No [X] 1.00 [ ] 1.20 [ ] 1.40 [ ] 1.60 [ ]

Wheelbase Short [ ] Med [X] Long [ ]

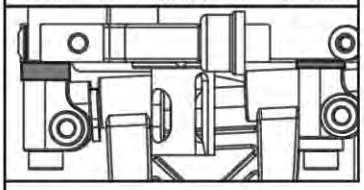
Camber at Ride Height **-1.5** Deg

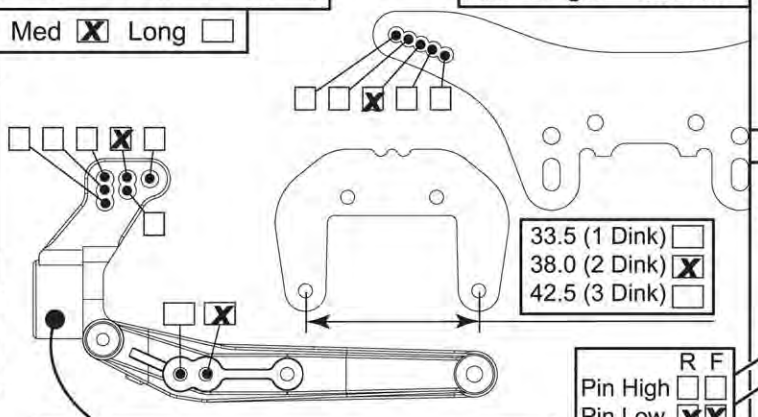
Ride Height **18** mm

Rear Toe-in & Track Washers

0.00 Difference = 0.00° Toe-in [ ]
0.50 Difference = 0.60° Toe-in [ ]
1.00 Difference = 1.30° Toe-in [ ]
1.50 Difference = 1.95° Toe-in [ ]
2.00 Difference = 2.60° Toe-in [ ]
2.50 Difference = 3.25° Toe-in [X]
3.00 Difference = 3.90° Toe-in [ ]

Rear **0** mm Front **0** mm





33.5 (1 Dink) [ ]
38.0 (2 Dink) [X]
42.5 (3 Dink) [ ]

R F
Pin High [ ] [ ]
Pin Low [X] [X]

Rear Hub Carrier Alloy [ ] Std [X]

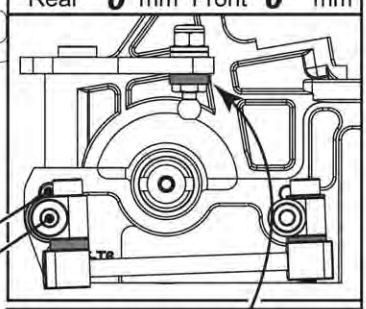
Alloy Hub Carrier +1° [ ] -1° [ ]

Blocks Moulded [X] Alloy [ ]

Anti-squat Washers

0.00 Difference = 0.00° Toe-in [ ]
0.50 Difference = 0.60° Toe-in [ ]
1.00 Difference = 1.30° Toe-in [ ]
1.50 Difference = 1.95° Toe-in [ ]
2.00 Difference = 2.60° Toe-in [X]
2.50 Difference = 3.25° Toe-in [ ]
3.00 Difference = 3.90° Toe-in [ ]

Rear **0** mm Front **0** mm



Link Washers **1.0** mm

Driver and Event

Name	TOM COCKERILL
Date	SEPT 2013
Event	WORLDS
Weather	HOT
Result	22ND

Track Conditions

Surface	SUGARED CLAY
Grip Level	HIGH
Track Condition	SMOOTH

COUGAR KF

Additional Settings

Car Weight	1735g
Washers Between CTR and Bellcranks	4.0 mm
Bump Steer Washers	4.0 mm
Wing Gurney Height	10.0 mm

NOTES

CORE RC OILS AND SPRINGS
SADDLE PACK CELLS

Electrics and Gearing

E.S.C	NOSRAM COMET HD
Servo	SANWA
Reciever	KO
Batteries	NOSRAM 5800
Motor	NOSRAM PURE 2 7.5
Spur	76T
Pinion	23T
Side Gears	23T/33T Kit [X] 21T/35T [ ] 25T/31T [ ]

Wheels and Tyres

Rear Wheels	SCHUMACHER
Rear Tyre	HANDOUT
Rear Insert	HANDOUT
Front Wheels	SCHUMACHER
Front Tyre	HANDOUT
Front Insert	HANDOUT

Diff Type

Ball [ ] Gear [X]

Diff Oil: 7000

Front Shocks

Oil 500 | Spring BLACK | Shock Cap Sealed [ ] Vented [ ] Emulsion [X] | Piston 3 HOLE

Drilled [ ] | Hole Size STD mm



Shock Length 83.3 mm

Rear Shocks

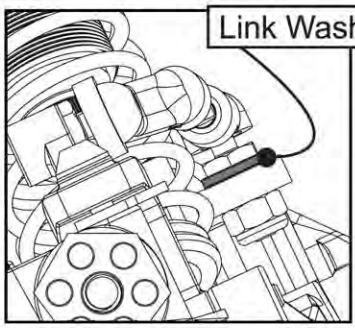
Oil 450 | Spring BLACK | Shock Cap Sealed [ ] Vented [ ] Emulsion [X] | Piston 3 HOLE

Drilled [X] | Hole Size 1.65 mm

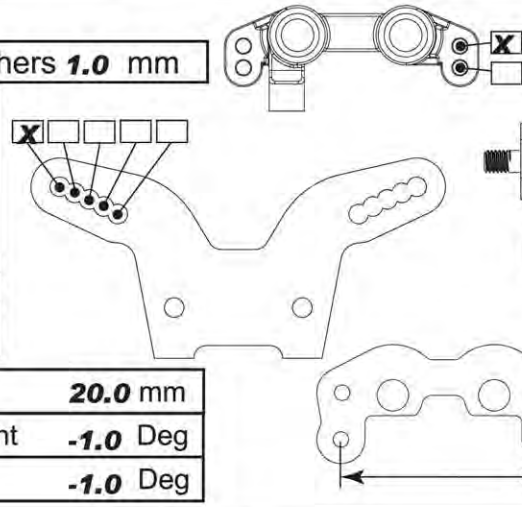


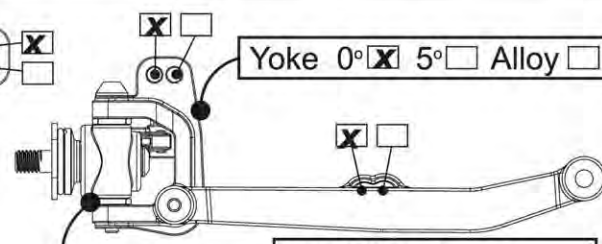
Shock Length 95.4 mm

Front Suspension



Link Washers 1.0 mm





Yoke 0° [X] 5° [ ] Alloy [ ]

Front Wishbones Kit [ ] Reversed [X]

Hub Carrier High [X] Middle [ ] Low [ ]

60.0 [ ] 50.5 [X] 45.5 [ ] 40.5 [ ]

Front Ride Height	20.0 mm
Front Camber at Ride Height	-1.0 Deg
Front Toe In	-1.0 Deg

Rear Suspension

Anti roll bar: No [X] 1.00 [ ] 1.20 [ ] 1.40 [ ] 1.60 [ ]

Wheelbase: Short [ ] Med [ ] Long [X]

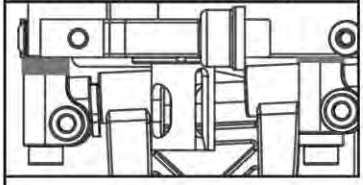
Camber at Ride Height -1 Deg

Ride Height 20 mm

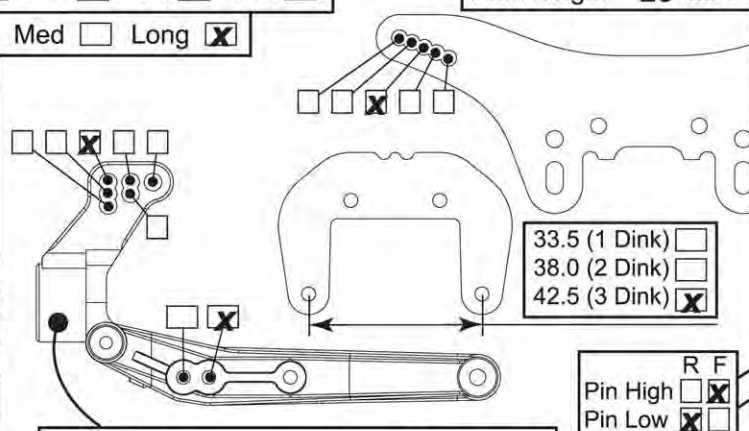
Rear Toe-in & Track Washers

0.00 Difference = 0.00° Toe-in [ ]
0.50 Difference = 0.60° Toe-in [ ]
1.00 Difference = 1.30° Toe-in [ ]
1.50 Difference = 1.95° Toe-in [ ]
2.00 Difference = 2.60° Toe-in [ ]
2.50 Difference = 3.25° Toe-in [X]
3.00 Difference = 3.90° Toe-in [ ]

Rear 2.5 mm Front 0 mm



Blocks Moulded [ ] Alloy [X]



33.5 (1 Dink) [ ]
38.0 (2 Dink) [ ]
42.5 (3 Dink) [X]

R F
Pin High [ ] [X]
Pin Low [X] [ ]

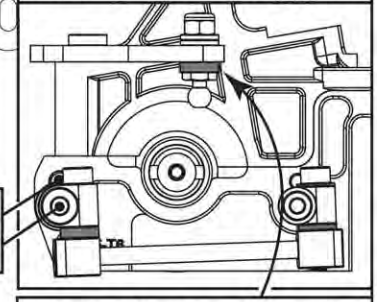
Rear Hub Carrier: Alloy [ ] Std [X]

Alloy Hub Carrier: +1° [ ] -1° [ ]

Anti-squat Washers

0.00 Difference = 0.00° Toe-in [ ]
0.50 Difference = 0.60° Toe-in [ ]
1.00 Difference = 1.30° Toe-in [ ]
1.50 Difference = 1.95° Toe-in [ ]
2.00 Difference = 2.60° Toe-in [X]
2.50 Difference = 3.25° Toe-in [ ]
3.00 Difference = 3.90° Toe-in [ ]

Rear 0 mm Front 3.0 mm



Link Washers 3.0 mm

COUGAR KF

Driver and Event

Name	TOM COCKERILL
Date	OCT 2013
Event	E.O.S RD 1
Weather	INDOOR
Result	TQ + 5TH

Track Conditions

Surface	CARPET
Grip Level	MEDIUM
Track Condition	TIGHT, TECHNICAL

Additional Settings

Car Weight	1710g
Washers Between CTR and Bellcranks	4.0 mm
Bump Steer Washers	4.0 mm
Wing Gurney Height	5.0 mm

NOTES

CORE RC OILS AND SPRINGS
SADDLE PACK CELLS
KR DRIVESHAFTS

Electrics and Gearing

E.S.C	NOSRAM COMET HD
Servo	SANWA
Reciever	KO
Batteries	NOSRAM 5800
Motor	NOSRAM PURE 2 7.5
Spur	76T
Pinion	23T
Side Gears	23T/33T Kit [X] 21T/35T [ ] 25T/31T [ ]

Wheels and Tyres

Rear Wheels	SCHUMACHER
Rear Tyre	HANDOUT
Rear Insert	HANDOUT
Front Wheels	SCHUMACHER
Front Tyre	HANDOUT
Front Insert	N/A

Diff Type

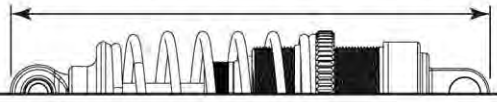
Ball [ ] Gear [X]

Diff Oil: 10,000

Front Shocks

Oil 450 | Spring GREEN | Shock Cap Sealed [ ] Vented [ ] Emulsion [X] | Piston 3 HOLE

Drilled [ ] | Hole Size STD mm



Shock Length 81.8 mm

Rear Shocks

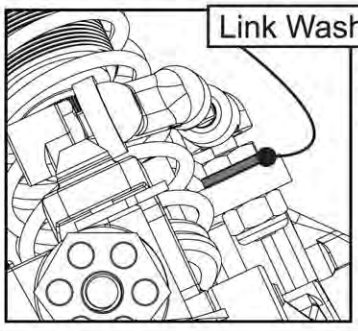
Oil 450 | Spring BLACK | Shock Cap Sealed [ ] Vented [ ] Emulsion [X] | Piston 3 HOLE

Drilled [X] | Hole Size 1.65 mm

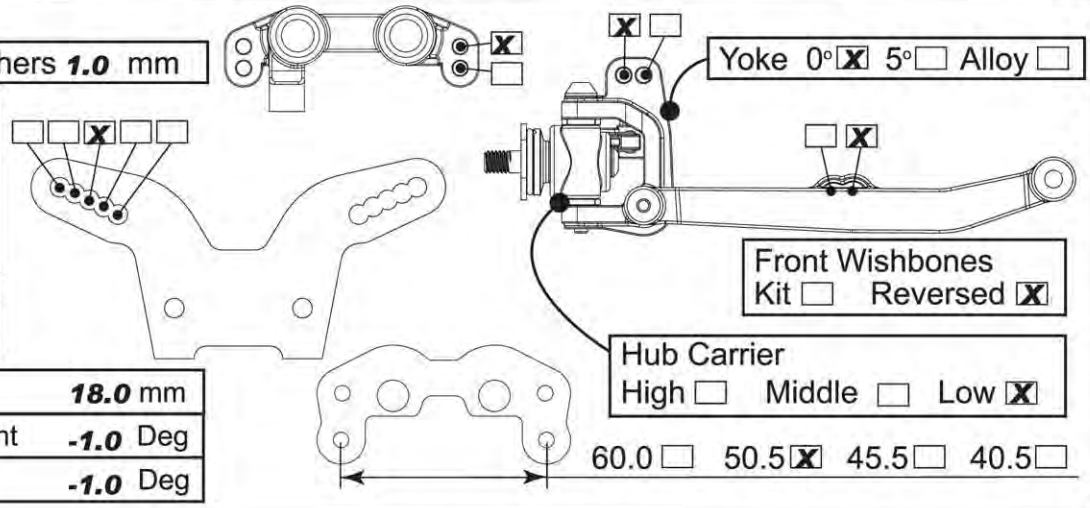


Shock Length 95.4 mm

Front Suspension



Link Washers 1.0 mm



Yoke 0° [X] 5° [ ] Alloy [ ]

Front Wishbones Kit [ ] Reversed [X]

Hub Carrier High [ ] Middle [ ] Low [X]

60.0 [ ] 50.5 [X] 45.5 [ ] 40.5 [ ]

Front Ride Height	18.0 mm
Front Camber at Ride Height	-1.0 Deg
Front Toe In	-1.0 Deg

Rear Suspension

Anti roll bar: No [X] 1.00 [ ] 1.20 [ ] 1.40 [ ] 1.60 [ ]

Wheelbase: Short [X] Med [ ] Long [ ]

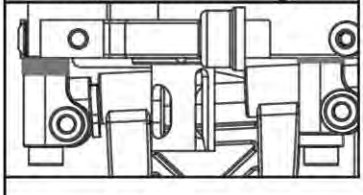
Camber at Ride Height -1.5 Deg

Ride Height 18 mm

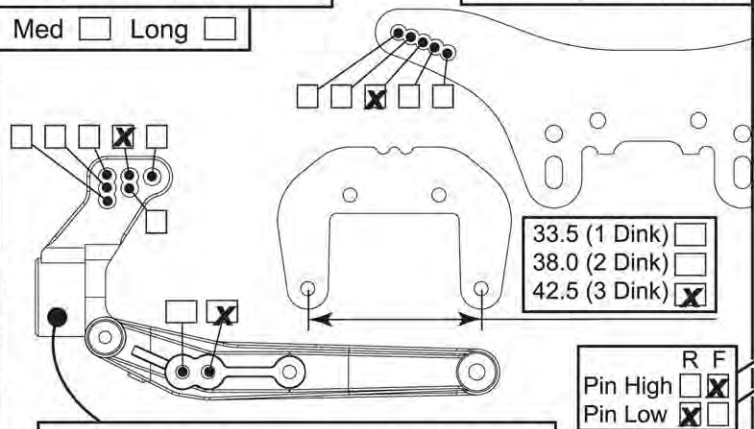
Rear Toe-in & Track Washers

0.00 Difference = 0.00° Toe-in [ ]
0.50 Difference = 0.60° Toe-in [ ]
1.00 Difference = 1.30° Toe-in [ ]
1.50 Difference = 1.95° Toe-in [ ]
2.00 Difference = 2.60° Toe-in [ ]
2.50 Difference = 3.25° Toe-in [X]
3.00 Difference = 3.90° Toe-in [ ]

Rear 2.5 mm Front 0 mm



Blocks Moulded [ ] Alloy [X]



33.5 (1 Dink) [ ]
38.0 (2 Dink) [ ]
42.5 (3 Dink) [X]

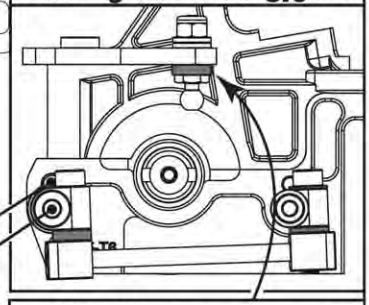
	R	F
Pin High	[ ]	[X]
Pin Low	[X]	[ ]

Rear Hub Carrier	Alloy [ ]	Std [X]
Alloy Hub Carrier	+1° [ ]	-1° [ ]

Anti-squat Washers

0.00 Difference = 0.00° Toe-in [ ]
0.50 Difference = 0.60° Toe-in [ ]
1.00 Difference = 1.30° Toe-in [ ]
1.50 Difference = 1.95° Toe-in [ ]
2.00 Difference = 2.60° Toe-in [X]
2.50 Difference = 3.25° Toe-in [ ]
3.00 Difference = 3.90° Toe-in [ ]

Rear 0 mm Front 3.0 mm



Link Washers 3.0 mm

Spares List 1

KITS

K143	Cougar KF - C/F Kit
K144	Cougar KF - Assembled

BODY AND DEACALS

U5113	Wing Talon Off Road - White
U5114	Wing Talon Off Road - Black
U5115	Wing Talon Off Road - Carbon Look
U4460	Decals - Cougar KF
U4483	Window Mask - Cougar KF
U5117	Talon Wing Clear - CAT K1
U5122	Bodyshell + Decal + Window Mask - Cougar Kf

CHASSIS PARTS

U119	Aerial Tube (Pk4)
U122	Velcro 500mmx16mm.
U3690	Front Bumper - Cougar SV
U3691	Servo Spacer - Cougar SV
U3850	Wing Mount Set - CAT SX3
U4138	C/F Link Mount; Rear 38mm Kit - CAT K1
U4457	Side Pods - Cougar KF
U4458	Top Deck End - Front - Cougar KF
U4459	Manual - Cougar KF
U4471	LiPo Posts Front & Rear - Cougar KF (pr)
U4473	Alloy Top Deck Pin - Cougar KF
U4475	C/F Chassis - Cougar KF
U4476	C/F Rear shock Mount - Cougar KF
U4477	C/F Front shock Mount - Cougar KF
U4478	C/F Lipo Strap - Cougar KF
U4479	C/F Topdecks - Cougar KF
U4484	LiPo Spacer - Cougar KF

TRANSMISSION

U2761	Diff Shims; 10x12 (pk8)
U3351	Gear; 83t Spur - Slipper
U3364	Slipper Pad; PTFE Octagon (pr)
U3862	Side Gear; Steel 33T - CAT SX3 Kit Std
U3865	Side Gear; Steel 23T - CAT SX3 Kit Std
U3867	Side Gear Cover - CAT SX3
U3930	Pulley Fences 20T
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
U4195	Driveshafts; Rear - CAT K1 (pr)
U4388	Alloy Wheel Hex Rear - Off Road (pr)
U4389	Alloy Wheel Hex Front - 2WD (pr)
U4463	Alloy Trans Rear Lower - LH - Cougar KF
U4464	Alloy Trans Rear Lower - RH - Cougar KF
U4465	Alloy LayShaft Mount - LH - Cougar KF
U4466	Alloy LayShaft Mount - RH - Cougar KF
U4467	Alloy Motor Clamp - Cougar KF
U4468	Belt Adjuster - Cougar KF
U4469	Alloy Pulley & Fences 20T - Cougar KF
U4470	Idler Shaft - Cougar KF
U4472	Layshaft Spacer - Cougar KF
U4474	4mm Bando Belt 113T - Cougar KF
U4480	Alloy Slipper Plates - Cougar KF
U4481	Mounts; Rear Upper Trans - Cougar KF
U4482	Layshaft - Cougar KF
U4485	Rear Bumpers & Diff Cover - Cougar KF
U4486	Rear Wheel Bearing Spacers - Cougar KF
U4488	12mm Hex Drive Pins - Off Road

SUSPENSION

U2251	Kwik Klip; 1/8x1.0 and 2.0mm
U2989	Ball Grippa Sockets (pk8)
U3137	Shock Mounting Post (pr)
U3307	Pivot Pin; Threaded 1/8x50mm (pr)
U3479	Ball Grippa Sockets Short (pk8)
U3495	Ball Studs; Ultra Short (pk4)
U3496	Ball Studs; Short (pk4)
U3497	Ball Studs; Long (pk4)
U3498	Ball Studs; X-Long (pk4)
U3712	Yokes; 0 deg - Cougar SV
U3715	Pivot Pin; Screw Type 25mm (pr)
U3718	Pivot Pin; 38mm - Cougar SV
U4036	Hub Carrier; Rear - Cat/Cougar SV2 (pr)
U4090	Ball Socket; Offset - Cougar SVR (pk4)
U4094	Bulkhead - Cougar SVR
U4095	Wishbones Front - Long - SVR - (pr)
U4166	Wishbones; Rear Stiff - CAT K1 (pr)
U4179	Pivot Pin; Screw Type 29mm (pr)
U4223	Turnbuckle Adjuster HTT - 45mm (pr)
U4224	Turnbuckle Adjuster HTT - 60mm (pr)
U4299	Turnbuckle HT - Touring 52mm (pr)
U4380	Front Hub Carriers - Cougar KR (pr)
U4381	Quick Clip 2.4mm thin - Cougar KR (pk4)
U4382	Front Axle - Cougar KR (pr)
U4452	C/F Front Link Mount 50.5mm - Cougar 2WD

SUSPENSION Cont....

U4461	Nut Guard Front - Cougar KF
U4462	Bottom Plate - Cougar KF
U4487	Suspension Block Set - Cougar KF
U4489	Nut Guard Rear - Cougar KF

STEERING

U2231	Servo Horns
U3709	Radius Arms - Cougar SV
U3710	Centre Track Rod - Cougar SV
U3717	Steering Pivots - Cougar SV (pk4)

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)
U3019	Diff Balls; Ceramic Nitride 2.5mm (pk12)
U3075	Ball Bearing 4x8x3mm Red Sealed (pr)
U3136	Ball Bearing - 5x8x2.5 - Shielded (pr)
U3855	Ball Bearing 5x10x3 Open (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)
U3706	Rod End Ball + Socket (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 V2 Med (pr)
U4491	Big Bore Shock Body V2 Long (pr)
U4492	Big Bore Shocks V2 Med - Assembled
U4493	Big Bore Shocks V2 Long - Assembled

BIG BORE SPRINGS

U3673	Big Bore Spring Tuning Set; Med 7(pr)s
U3674	Big Bore Spring Tuning Set; Long 6(pr)s
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	Purple 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 S(pr)ings (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
G 030	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 PACK

CR024	CORE RC - Serrated M4 Steel Wheel Nut (pk4)
CR035	CORE RC - Serrated Alloy M4 Nuts; Blue (pk4)
CR036	CORE RC - Serrated Alloy M4 Nuts; Violet (pk4)
CR061	Small Body Clip 1/10 - Silver (pk8)
CR062	Small Body Clip 1/10 - Gold (pk8)
CR063	Small Body Clip 1/10 - Fluorescent Yellow (pk8)
CR064	Small Body Clip 1/10 - Fluorescent Green (pk8)
CR065	Small Body Clip 1/10 - Fluorescent Red (pk8)
CR066	Small Body Clip 1/10 - Metallic Green (pk8)
CR067	Small Body Clip 1/10 - Metallic Red (pk8)
CR068	Small Body Clip 1/10 - Metallic Blue (pk8)
CR069	Small Body Clip 1/10 - Metallic Purple (pk8)
CR196	Core RC - Serrated Alloy M4 Nuts - Black - (pk4)
U1544	SPEED PACK - Short M3; Cap Hd
U1547	SPEED PACK - M3 Nuts
U1548	SPEED PACK - M3 Washers
U1550	SPEED PACK - Socket Wrenches (pk3)
U1551	SPEED PACK - E Clips -2 x (pk8)
U1552	SPEED PACK - R Clips
U1606	SPEED PACK - Servo Tape - (pk30)
U1633	SPEED PACK - Small Pins
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)
U2760	SPEED PACK - M3 Button Hd; 4 to 20
U2856	SPEED PACK - Sticky Cable Clips (pk10)
U2857	SPEED PACK - Small Cable Ties (pk25)
U2858	SPEED PACK - Alloy M3x6 Spacers ;0.5;1;2;3mm - (pk16)
U2988	SPEED PACK - M3 Csk Washers - Purple Alloy (pk10)

SPEED PACK Cont....

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
U3369	SPEED PACK - M4 Button Head Screws (pk6)
U3524	SPEED PACK - M4x8 Csk Hi Tensile (pk4)
U3572	SPEED PACK - M3x14 Grub Srew (pk4)
U3583	SPEED PACK - M4x12 Cap Hd (pk8)
U3584	SPEED PACK - Alloy Spacers M4x9mm 0.5;1;2mm (pk10)
U3938	SPEED PACK - Black nylon washer 2mm (pk10)
U3989	SPEED PACK - M4 Washers
U4124	SPEED PACK - Shims 5 x 7 x 0.4mm (pk6)
U4154	SPEED PACK - M4x20 Cap Hd (pk4)
U4155	SPEED PACK - M3 Csk Washers - Black Alloy (pk10)
U4210	SPEED PACK - Pinion Grub Screw Set (pk10)
U4241	SPEED PACK - M3 Alloy Nyloc Nuts - Black - (pk10)
U4314	SPEED PACK - Alloy Black Washers - Mi5 (pk6)
U4351	SPEED PACK - Shims 3.2x6x0.1mm (pk8)

SPEED SECRETS

CR043	CORE RC - Silver X-Weights (pk16)
CR058	CORE RC - Black X-Weights (pk16)
CR192	Alloy Servo Arm 25T - Futaba Short
CR193	Alloy Servo Arm 23T - Sanwa Short
MR-CSOFFROAD	MR33 Car Stand Off Road
U1573	Titanium Turnbuckle; purple - 53mm (pr)
U1574	Titanium Turnbuckle; purple - 60mm (pr)
U1954	Pro - Thrust Bearing
U2566	Titanium Turnbuckle - 45mm (pr)
U3348	Gear; CNC 80t Spur - Slipper
U3349	Gear; CNC 81t Spur - Slipper
U3350	Gear; CNC 82t Spur - Slipper
U3499	Roll Bar Blocks - Mi4 pk4
U3605	Alloy Rear Hubs; 1 deg - CAT/Cougar SV
U3611	Alloy S(pr)ing Seat - All shock types (pr)
U3758	Yokes; 5 deg - Cougar SV
U3790	Gear; CNC 76T Spur - Slipper
U3852	Diff Output; Male - CAT SX3
U3853	Diff Output; Female - CAT SX3
U3854	Diff Screw Set; HD
U3861	Side Gear; Steel 35T - CAT SX3
U3863	Side Gear; Steel 31T - CAT SX3
U3864	Side Gear; Steel 25T - CAT SX3
U3866	Side Gear; Steel 21T - CAT SX3
U4098	Wishbones Front - Long Med Flex - SVR (pr)
U4158	M4 x12 Alloy Cap Hd Purple (pk4)
U4160	Rear Alloy Block Conversion Set - 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 Trans - CAT K1 (pr)
U4172	Roll Bar Set - Rear - CAT K1 - (pk4)
U4184	Wishbones; Rear Med Flex - CAT K1 (pr)
U4196	Diff Pulley & Fences - CAT K1
U4199	Diff HD - Assembled - CAT K1
U4226	Gear; CNC 71T Spur - Slipper
U4228	Alloy Yokes 5deg - Cougar
U4273	Pro Ball Stud Ultra Short (pk4)
U4274	Pro Ball Stud Short (pk4)
U4275	Pro Ball Stud Long (pk4)
U4378	Skid Plate - Cougar KR
U4453	C/F Front Link Mount 40.5mm - Cougar
U4454	C/F Front Link Mount 45.5mm - Cougar
U4455	C/F Front Link Mount 60mm - Cougar
U4456	Shorty LiPo Conversion Set - Cougar KF

1-10 BUGGY WHEELS

U4365	Wheel Hex Rear - (Black) - Off Road (pr)
U4366	Wheel Hex Rear - (white) - Off Road (pr)
U4367	Wheel Hex Front - (Black) - 2wd (pr)
U4368	Wheel Hex Front - (white) - 2wd (pr)

1-10 BUGGY OFF ROAD TYRES

CR143	Multi Bow; 1/10 Off Rd Rear (pr)
CR144	Multi Bow; 1/10 Off Rd 4WD Front (pr)
CR145	Multi Block; 1/10 Off Rd Rear (pr)
CR146	Multi Block; 1/10 Off Rd 4WD Front (pr)
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)
U6549	Mini Spike 2; Blue - Slim (pr)
U6550	Mini Spike 2; Green - Slim (pr)
U6557	Mini Spike 2; Front Tyres - Yellow (pr)
U6558	Mini Spike 2; Rear Tyres - Yellow (pr)
U6581	Mini Spike 2; standard - Yellow - Slim (pr)
U6592	Stagger Rib - Yellow - Slim (pr)

1-10 BUGGY OFF ROAD TYRES Cont....

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)
U6609	Mini Pin - Yellow - Slim (pr)
U6759	Cut Stagger - Yellow - Slim (pr)
U6761	Mini Spike 2; Silver - Slim (pr)
U6762	Mini Spike 2; Front Tyres - Silver (pr)
U6763	Mini Spike 2; Rear Tyres - Silver (pr)
U6765	Cut Stagger Green - Slim (pr)
U6770	Cut Stagger - Low Profile - Yellow (pr)
U6771	Cut Stagger - Low Profile - Green (pr)
U6775	Cut Stagger - Low Profile - Silver (pr)
U6776	Cut Stagger - Low Profile - Blue (pr)
U6778	Mini Pin - Silver - Rear - 2.2 (pr)
U6779	Mini Pin - Silver - Slim (pr)
U6786	Block - Rear Tyres - Yellow - CAT (pr)

1-10 INSERTS

CR141	Red Moulded Insert; 1/10 Off Rd Rear (pr)
CR142	Red Moulded Insert; 1/10 Off Rd 4WD Front (pr)
U6652	Foam Tyre Insert; Hard - Front - CAT (pr)
U6653	Foam Tyre Insert; Hard - Rear - CAT (pr)
U6667	Foam Tyre Insert; Hard - Slim 2WD (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)
U6738	Foam Tyre Insert; Med - Slim 2WD (pr)
U6746	Tubby Insert; Med Front - CAT (pr)
U6747	Tubby Insert; Med Rear - CAT (pr)

PINIONS

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.
U2317	28T Steel Pinion - 48 D.P.
U2318	29T 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
U3428	Pinion; Hard Alloy 48dp - 28T
U3429	Pinion; Hard Alloy 48dp - 29T
U3430	Pinion; Hard Alloy 48dp - 30T
U3431	Pinion; Hard Alloy 48dp - 31T
U3432	Pinion; Hard Alloy 48dp - 32T

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 (pk2)
ED190012	Reamer with Protection Cap for Body - 14mm
H1032	Alloy Camber Gauge - 1/10th
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

TOOLS Cont....

U2795	Schumacher M3 Nut Driver
U2796	Schumacher M4 Nut Driver
U2818	Schumacher Body Reamer
U4229	Steel Spanner - 5.5mm/3.9mm

GENERAL ACCESSORIES

MR-CSOFFROAD MR33 Car Stand Off Road
MR-SUPER GLUE Perfect Super Glue for Rubber Tyres

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

CHARGERS AND DISCHARGERS

CR031	UDC Charger Connector Set - (pk8)
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
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

BRUSHLESS SPEEDCONTROLS

CR173	PACE 45R Brushless ESC 1s/2s
CR174	PACE 45R Programming Card
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
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
SP000162	Reventon Pro - ESC-2S-Blue
SP000222	Reventon Pro ESC-2S-Black/Grey
SP000739	Reventon Pro ESC-2S - V1.1 Black
SP000740	Reventon Pro ESC-2S - V1.1 - Laser Blue

BRUSHLESS MOTORS

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

BRUSHLESS MOTORS Cont....

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 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 (pk2)
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
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 (pk3)
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-P1008m 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 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
SPPRO105MMM Reventon-Pro ESC V3.0 MMM 10.5R Combo
SPPRO135MMM Reventon-Pro ESC V3.0 MMM 13.5R Combo
SPPRO175MMM Reventon-Pro ESC V3.0 MMM 17.5R Combo
SPPRO215MMM Reventon-Pro ESC V3.0 MMM 21.5R Combo
SPPRO55MMM Reventon-Pro ESC V3.0 MMM 5.5R Combo
SPPRO55V3 Reventon-Pro ESC V3.0-5.5R Combo
SPPRO65V3 Reventon-Pro ESC V3.0-6.5R Combo
SPPRO75V3 Reventon-Pro ESC V3.0-7.5R Combo
SPPRO85V3 Reventon-Pro ESC V3.0-8.5R Combo

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
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
TP3800-2SPR65S Thunder Power Lipo 3800mAh 2S shorty - 65C/130C
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""

TEAM MERCHANDISE

G315 Schumacher Pit Towel
G338 2 Tone Beanie Knitted Hat
G339L Jacket - 3 Layer Softshell; Black - L 44inch
G339M Jacket - 3 Layer Softshell; Black - M 41inch
G339S Jacket - 3 Layer Softshell; Black - S - 38inch
G339XL Jacket - 3 Layer Softshell; Black - XL 46inch
G339XS Jacket - 3 Layer Softshell; Black - XS - 34inch
G339XXL Jacket - 3 Layer Softshell; Black - XXL 48inch
G339XXXL Jacket - 3 Layer Softshell; Black - XXXL 50inch
G340 Schumacher Baseball Cap - Black
G341 Schumacher Flat bill Cap - Black
G342L T - Navy - Large 100% cotton knit mens
G342M T - Navy - Medium 100% cotton knit mens
G342S T - Navy - Small 100% cotton knit mens
G342XL T - Navy - X-Large 100% cotton knit mens
G342XXL T - Navy - XX-Large 100% cotton knit mens
G342XXXL T - Navy - XXX-Large 100% cotton knit mens
G342XXXXL T - Navy - XXXX-Large 100% cotton knit mens
G342XXXXXL T - Navy - XXXXX-Large 100% cotton knit mens
G343L Sweat-Navy-Large 80% cotton,20% polyester knit men
G343M Sweat-Navy-Med, 80% cotton,20% polyester knit men
G343S Sweat-Navy-Small,80% cotton,20% polyester knit men
G343XL Sweat-Navy-XL, 80% cotton,20% polyester knit men
G344L Polo - Navy - Large, 100% cotton knit mens
G344M Polo - Navy - Med, 100% cotton knit mens
G344S Polo - Navy - Small, 100% cotton knit mens
G344XL Polo - Navy - X-Large, 100% cotton knit mens
G344XXL Polo - Navy - XX-Large, 100% cotton knit mens
G344XXXL Polo - Navy - XXX-Large, 100% cotton knit mens
G344XXXXL Polo - Navy - XXXX-Large, 100% cotton knit mens
G344XXXXXL Polo - Navy - XXXXX-Large, 100% cotton knit mens
G351 Schumacher Thermo Mug
G352 Schumacher Umbrella