

# Mi5

## Instruction Manual



**Schumacher**  
racing-cars.com

Schumacher Racing  
71-73 Tenter Road  
Moulton Park  
Northampton  
NN3 6AX  
U.K  
[www.racing-cars.com](http://www.racing-cars.com)

## Additional Items Required

### Transmitter and Receiver (including batteries for tx)

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



### Servo



### Electronic Speed Control



### Li-Po Battery



### Motor



### Pinion Gear

### Battery Charger CR161



### Bodyshell



### Paint



C4450  
CS Superglue 20g

### Wheels & Tyres



### G796 Male Connector Plugs



### SPW1403 High Current 14AWG Wire



### Tools

#### U2818 Schumacher Body Reamer



#### Long nose Pliers



#### 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

# Mi5

Schumacher Racing stocks and distributes the following manufacturers products and full product listings are available on our website at [www.racing-cars.com](http://www.racing-cars.com)

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



TEAM SOREX



RHEINARD  
R33D



THUNDER POWER RC

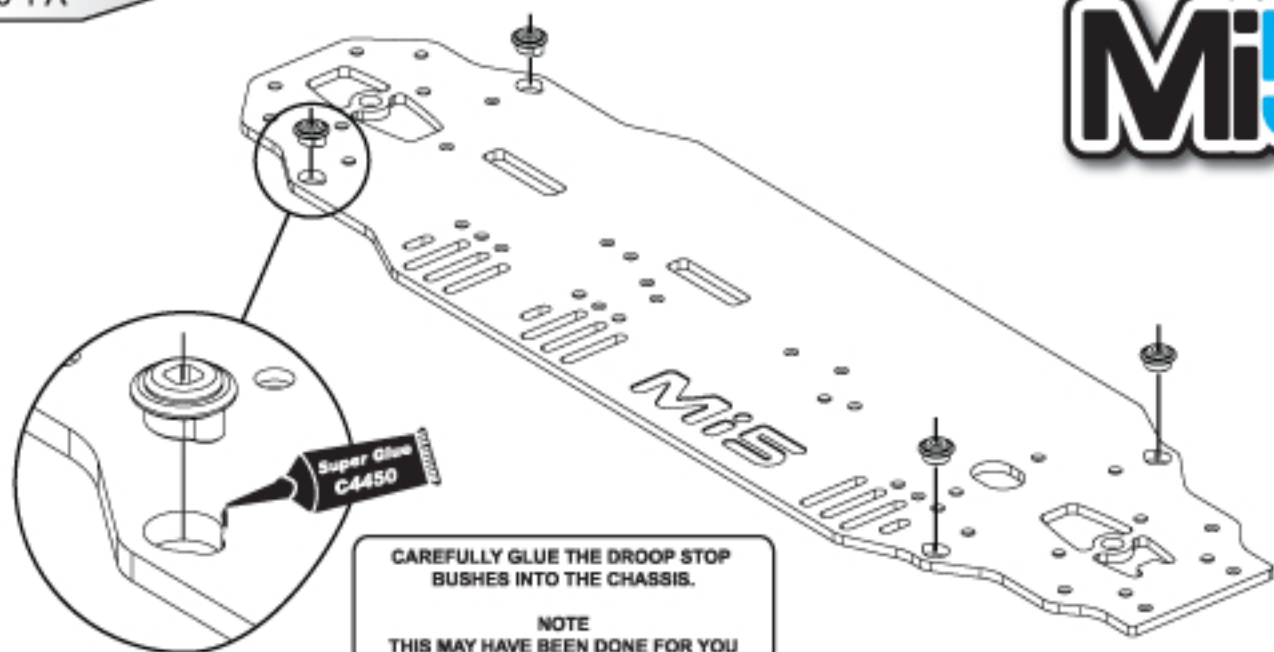


### IMPORTANT SAFETY NOTES

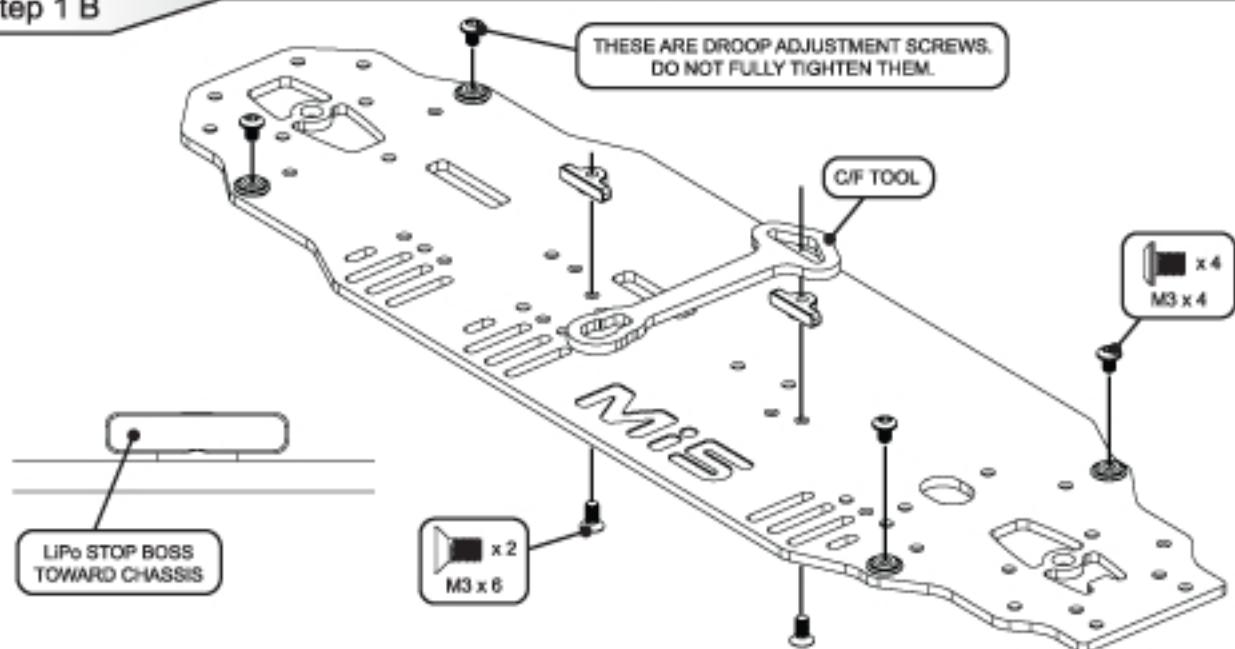
- This product is not suitable for children under the age of 14, without the direct supervision of an adult.
- Select an area for assembly that is away from the reach of small children. The parts in this kit are small and can be swallowed by children causing choking and possible internal injuries.
-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

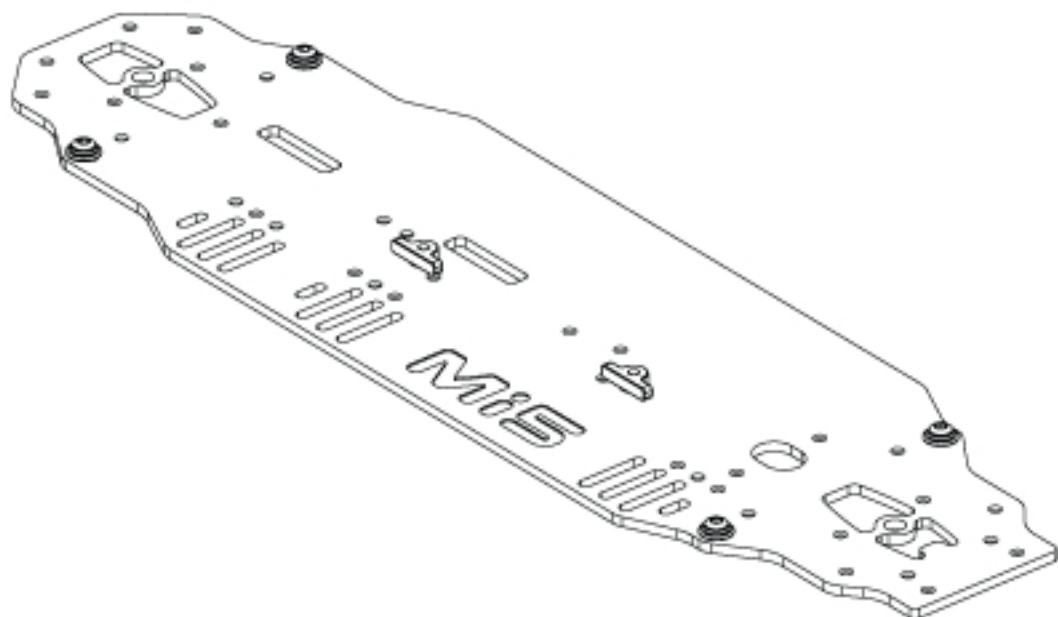
# Mi5



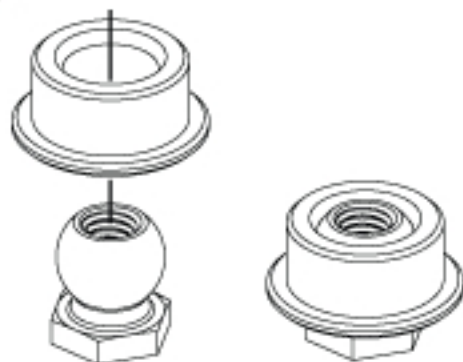
Step 1 B



Step 1 C



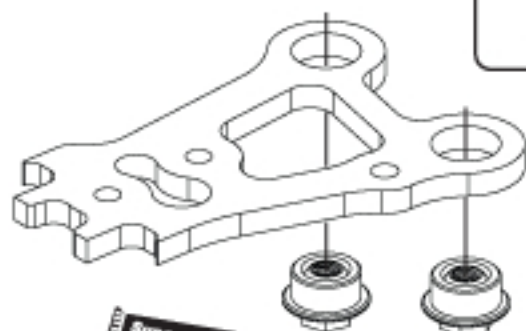




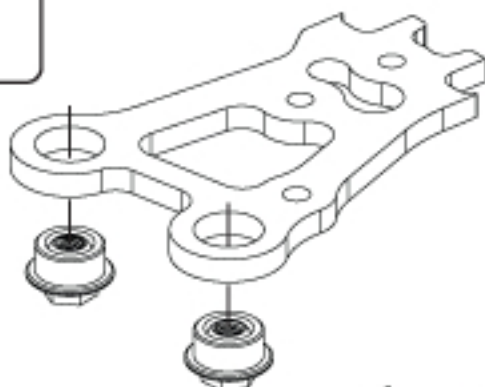
SNAP ALL THE PIVOT BALLS  
INTO THE SOCKETS

GLUE THE SOCKETS INTO THE WISHBONES.  
TAKE GREAT CARE NOT TO GET GLUE ON THE  
PIVOT BALLS.

NOTE  
THIS MAY HAVE BEEN DONE FOR YOU



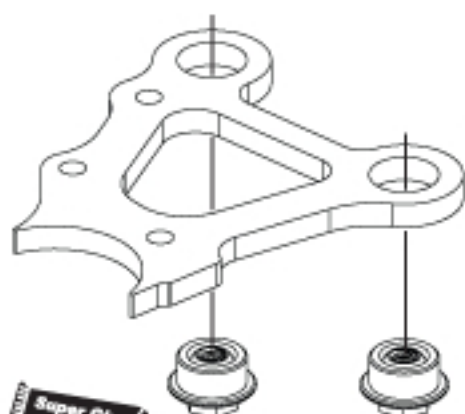
REAR RIGHT HAND  
WISHBONE ASSEMBLY



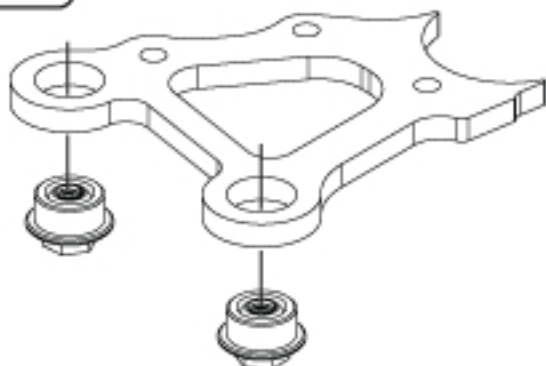
REAR LEFT HAND  
WISHBONE ASSEMBLY

GLUE THE SOCKETS INTO THE WISHBONES.  
TAKE GREAT CARE NOT TO GET GLUE ON THE  
PIVOT BALLS.

NOTE  
THIS MAY HAVE BEEN DONE FOR YOU

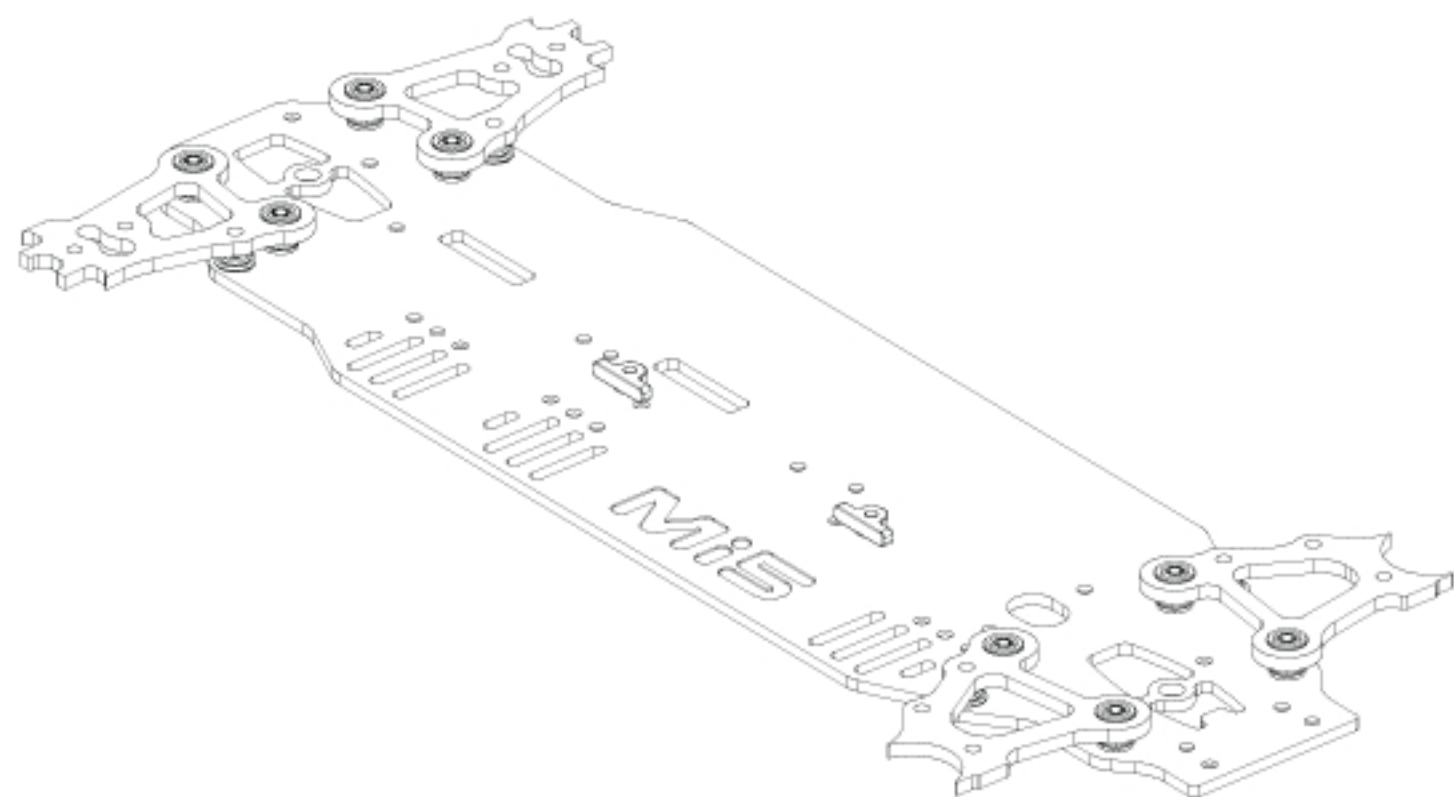
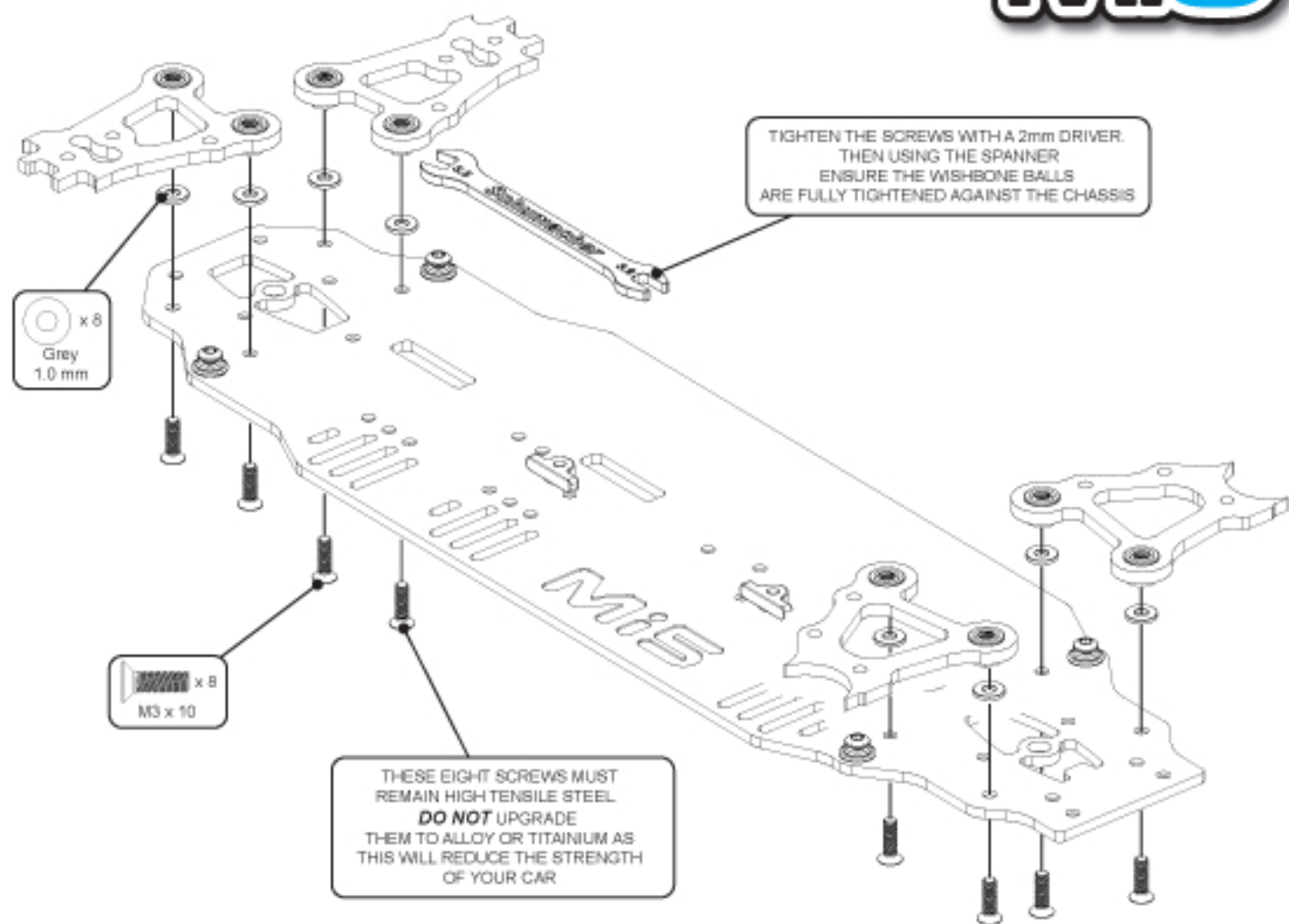


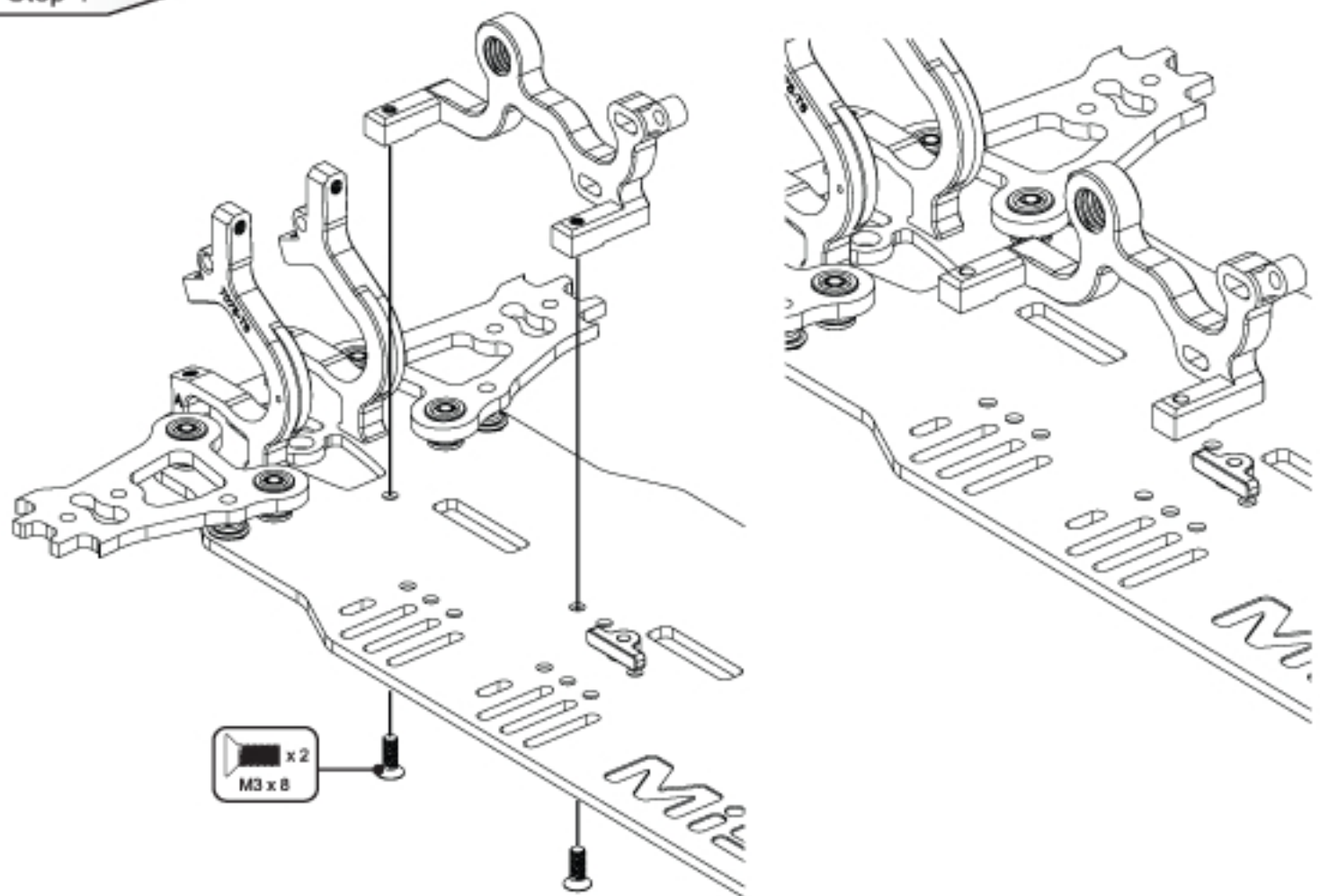
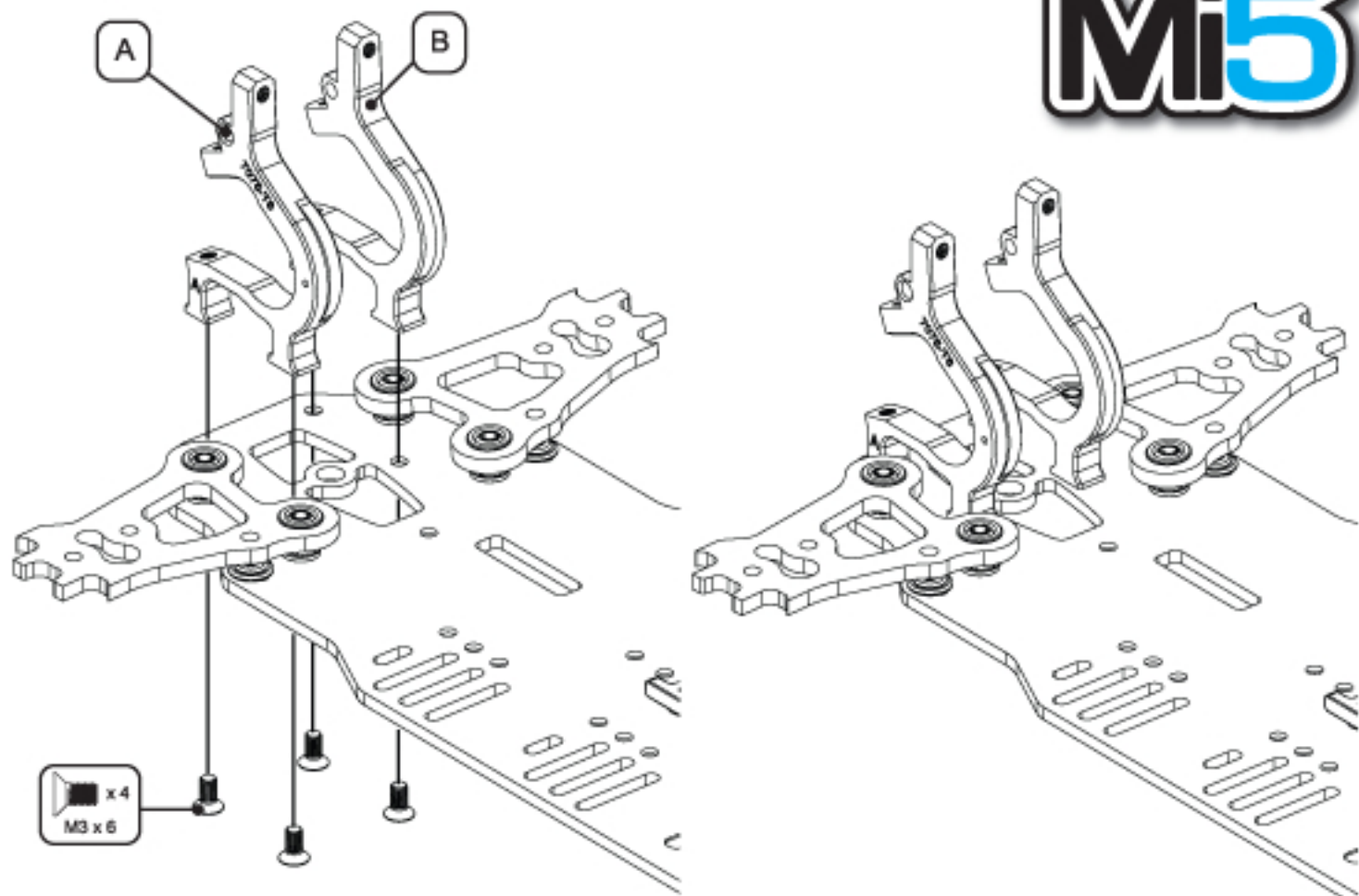
FRONT RIGHT HAND  
WISHBONE ASSEMBLY

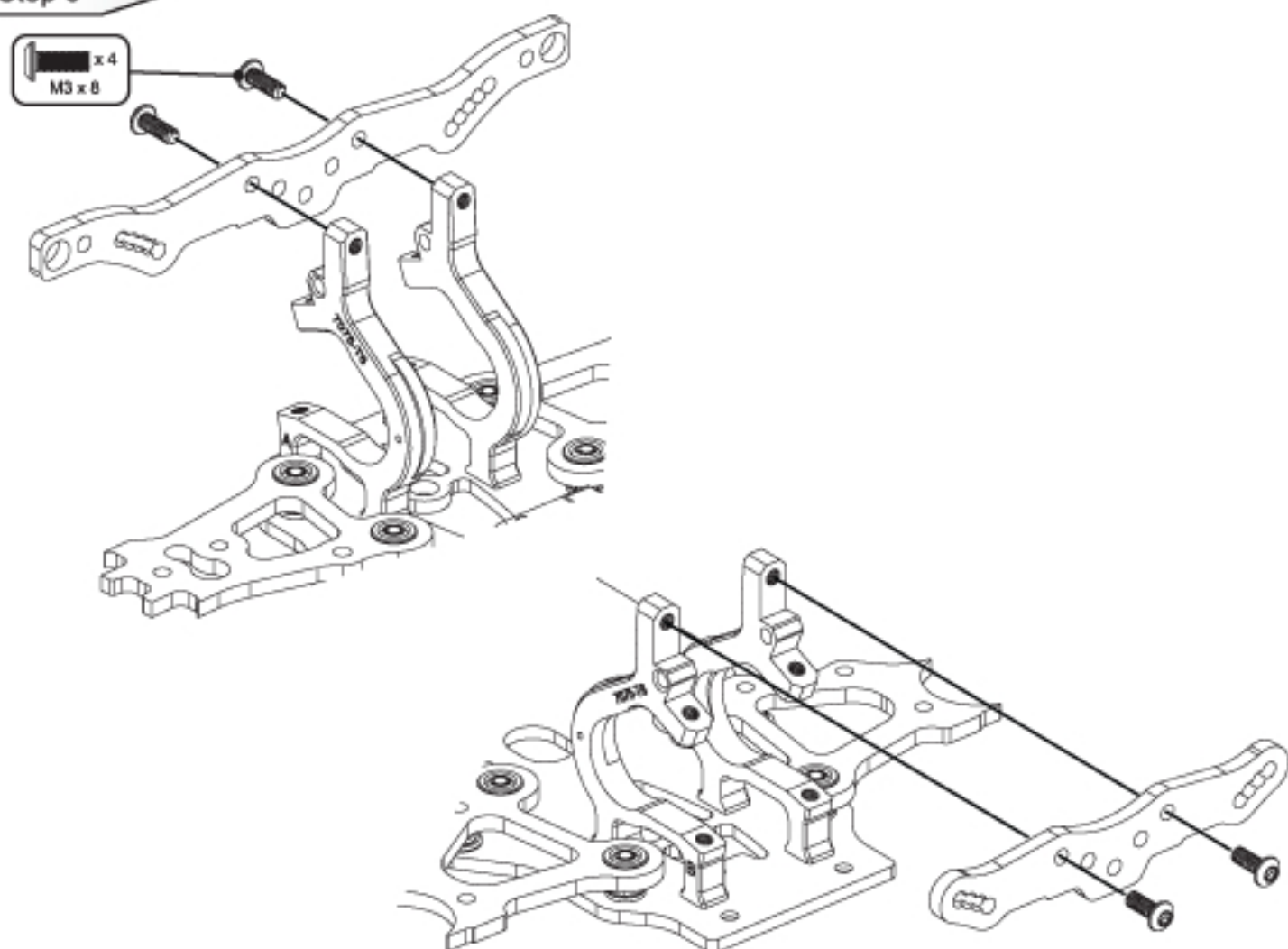
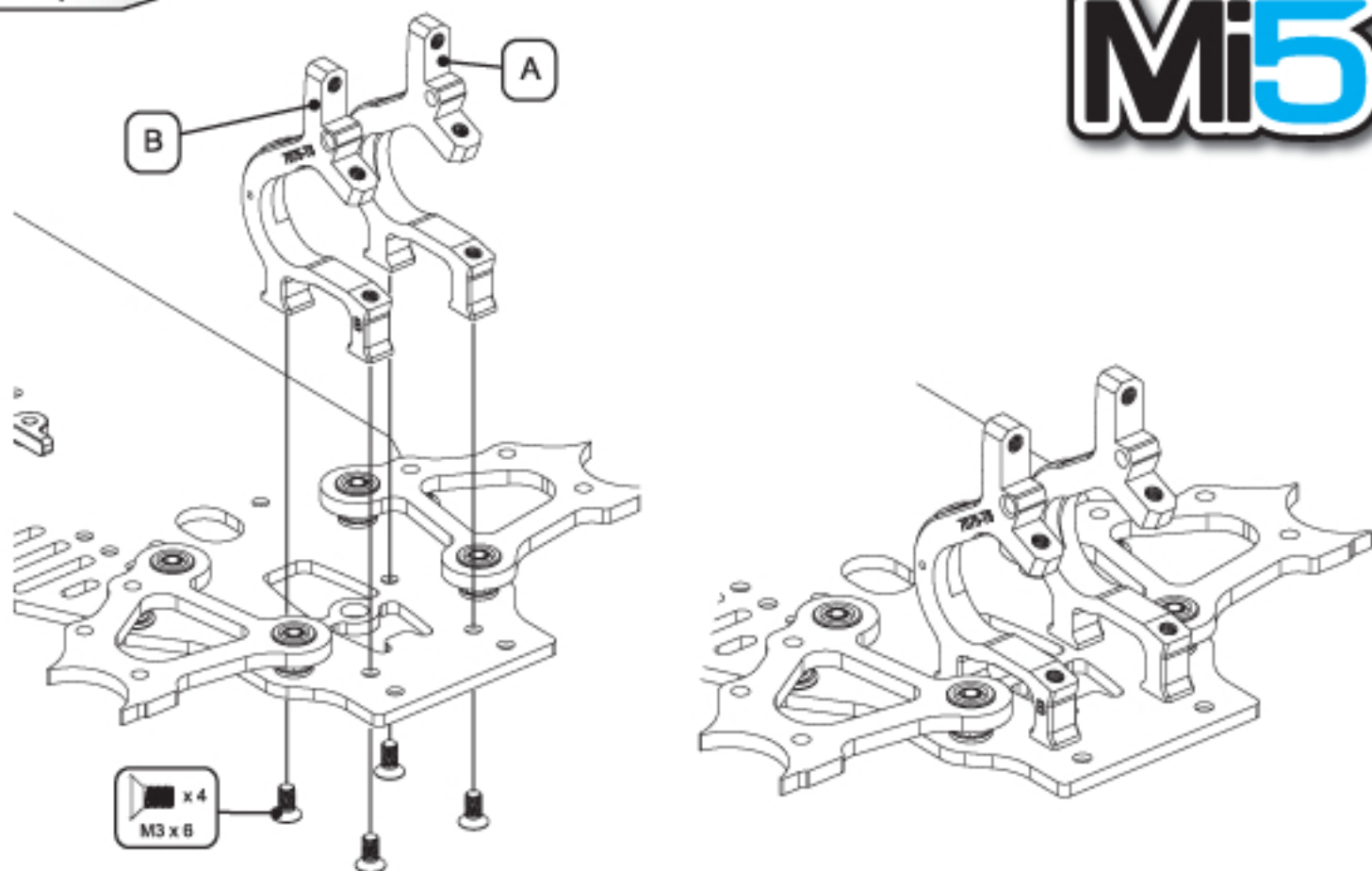


FRONT LEFT HAND  
WISHBONE ASSEMBLY

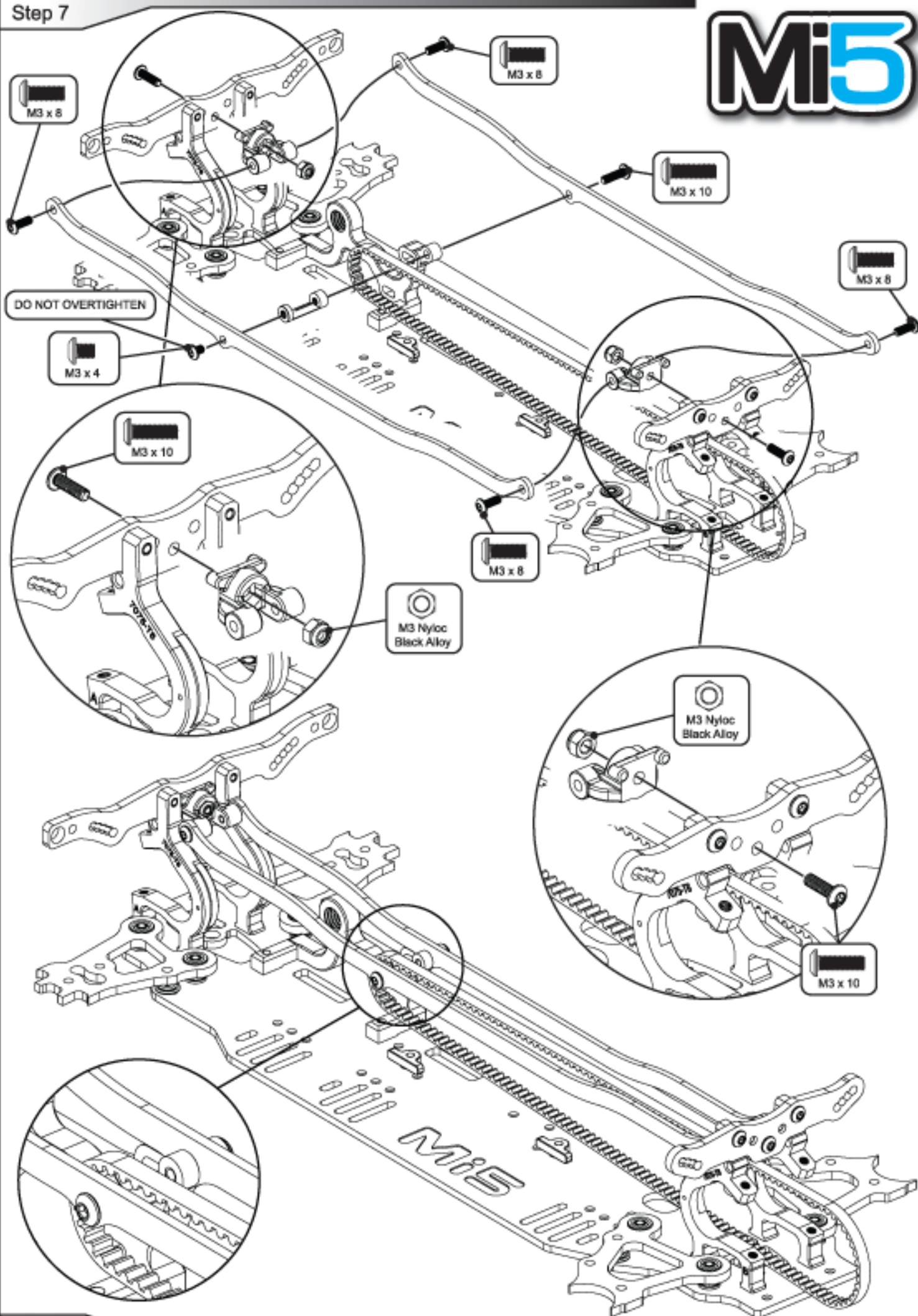












Step 8

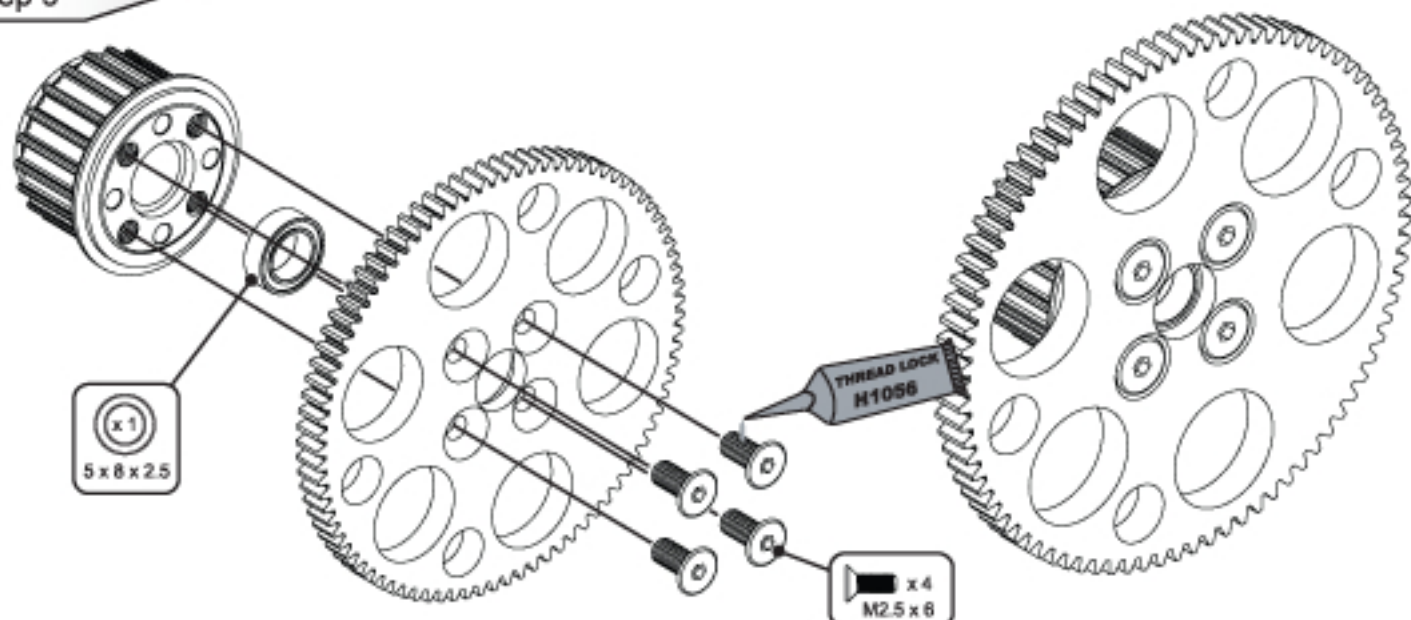
# Mi5



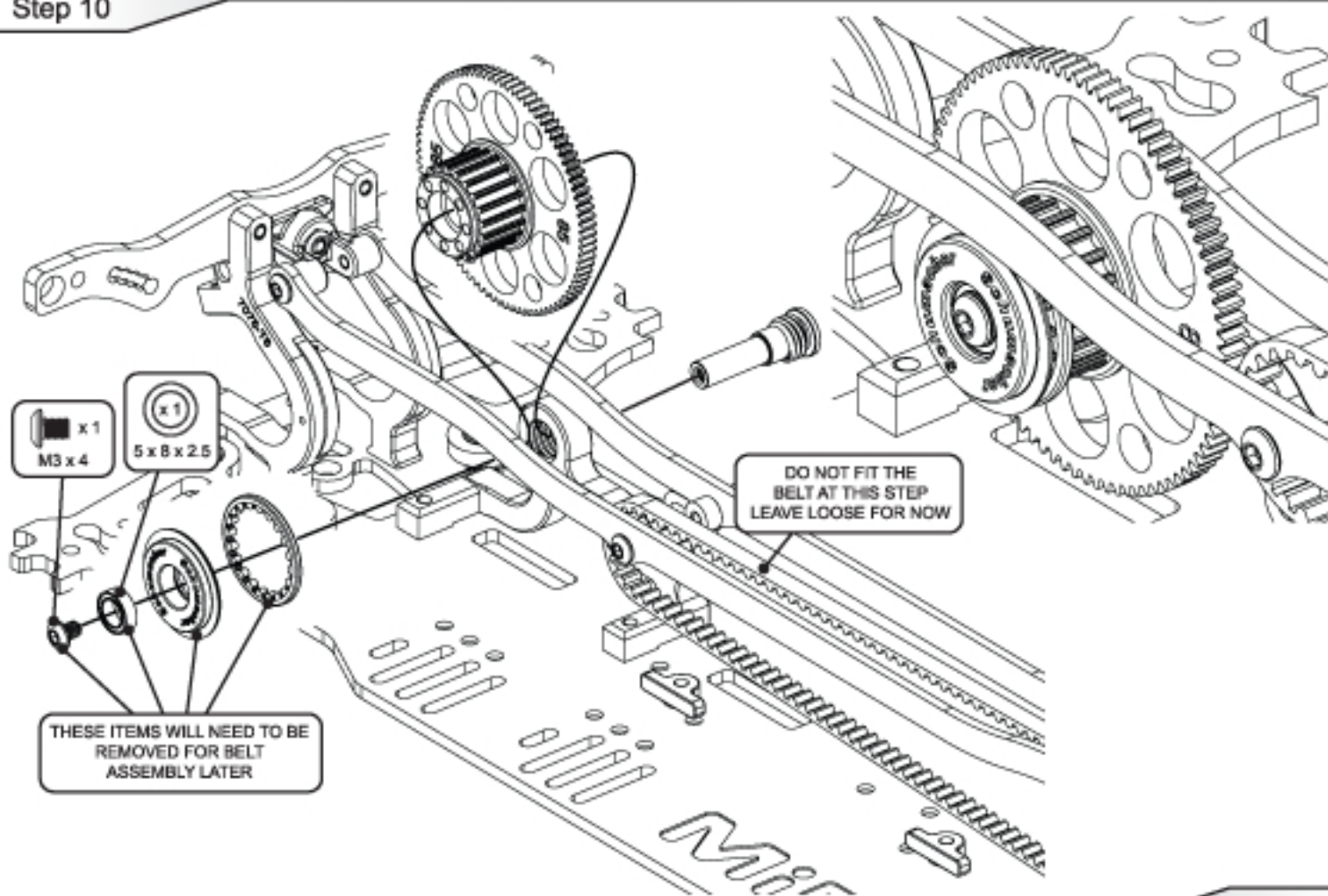
Scalpel a small Chamfer to aid assembly



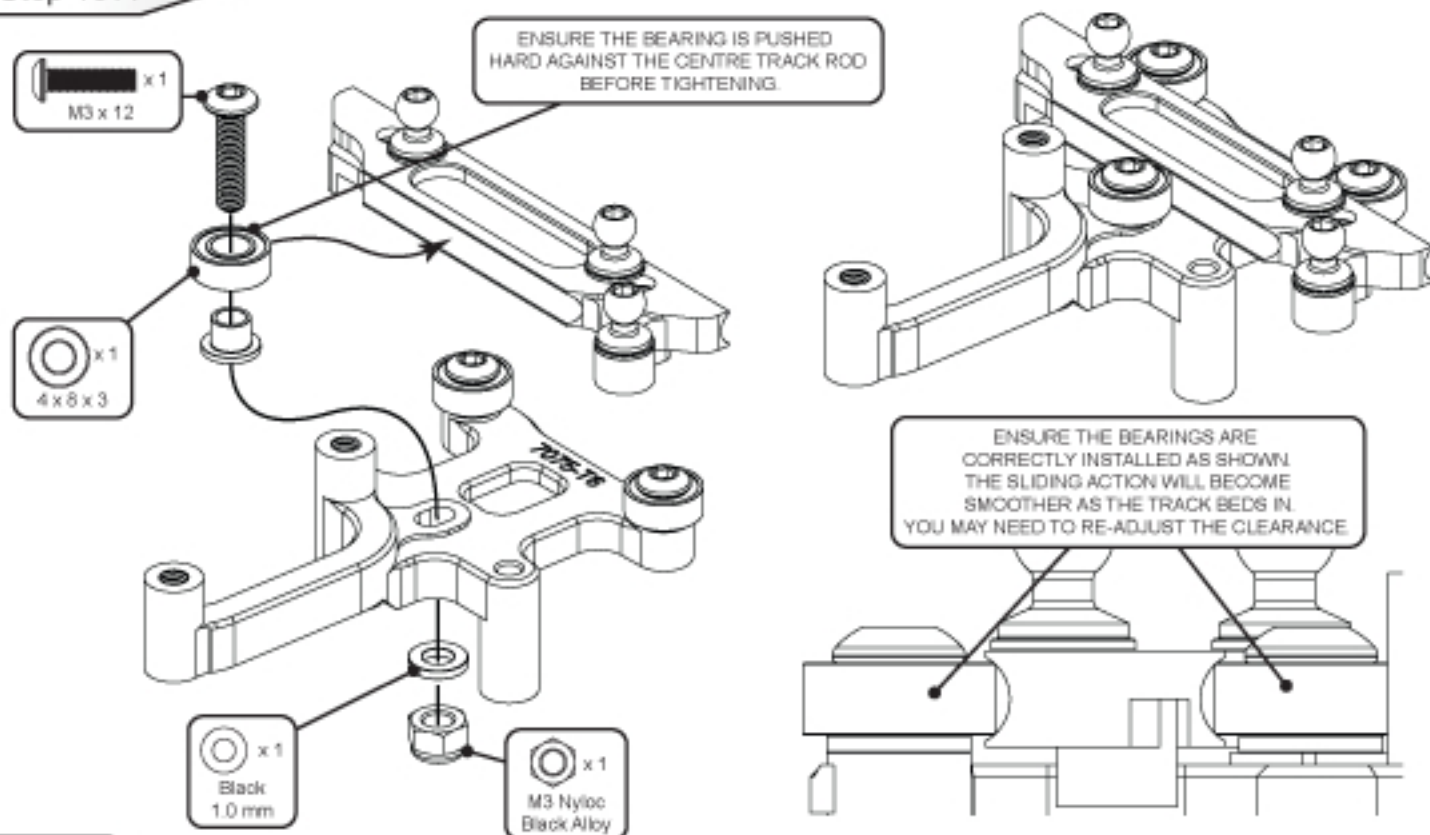
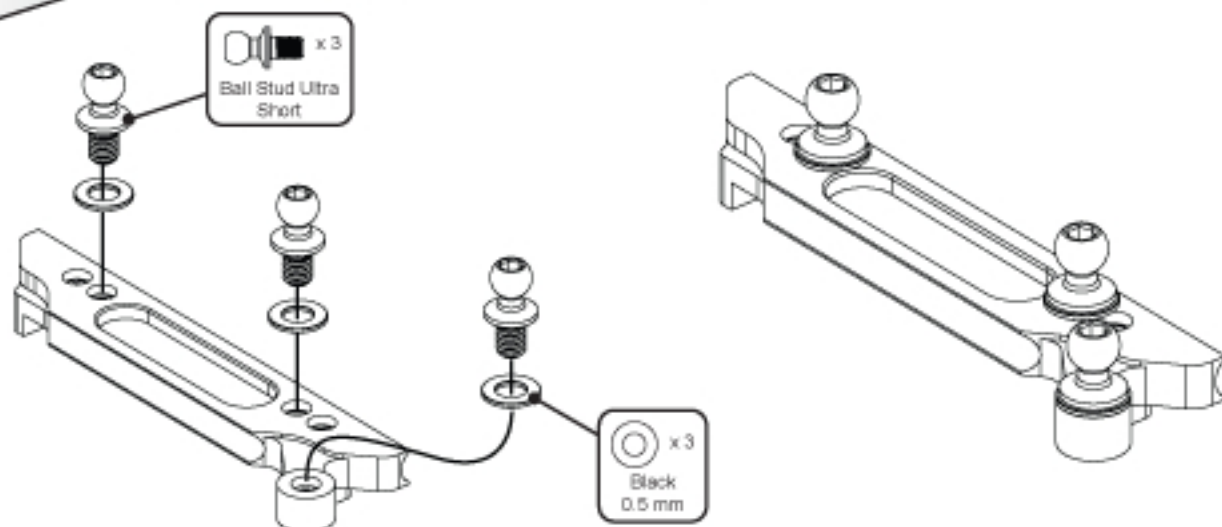
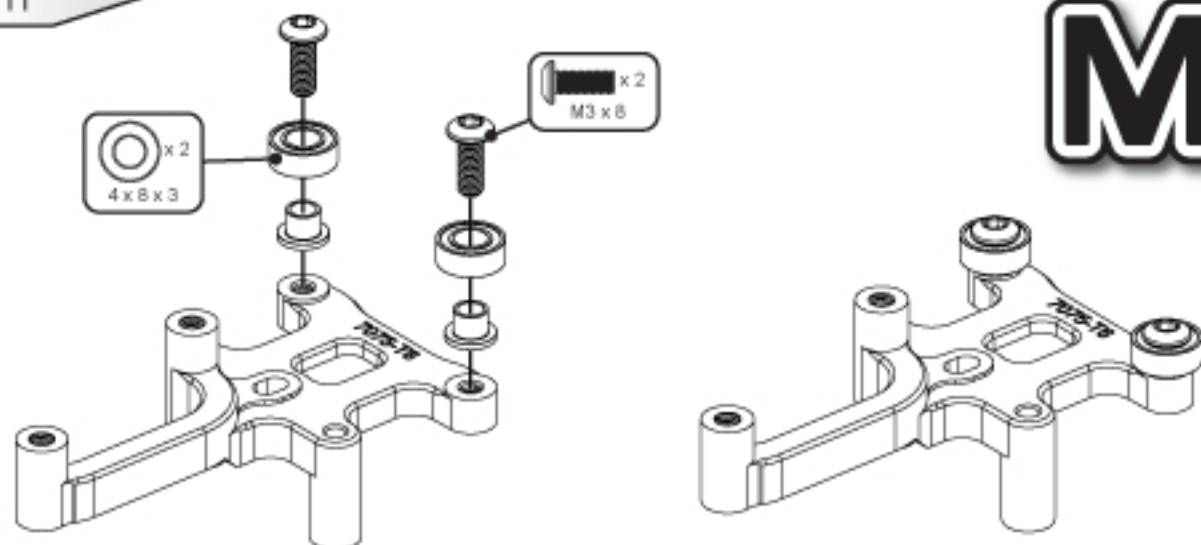
Step 9



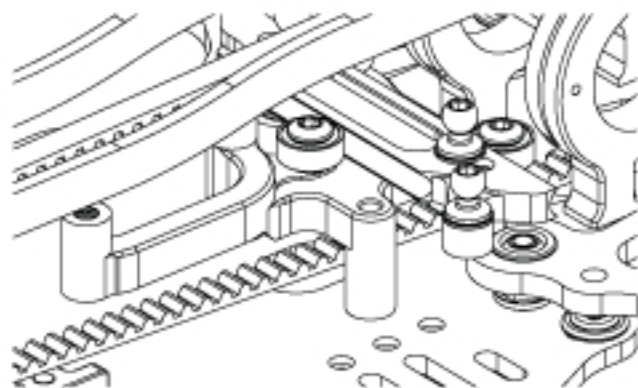
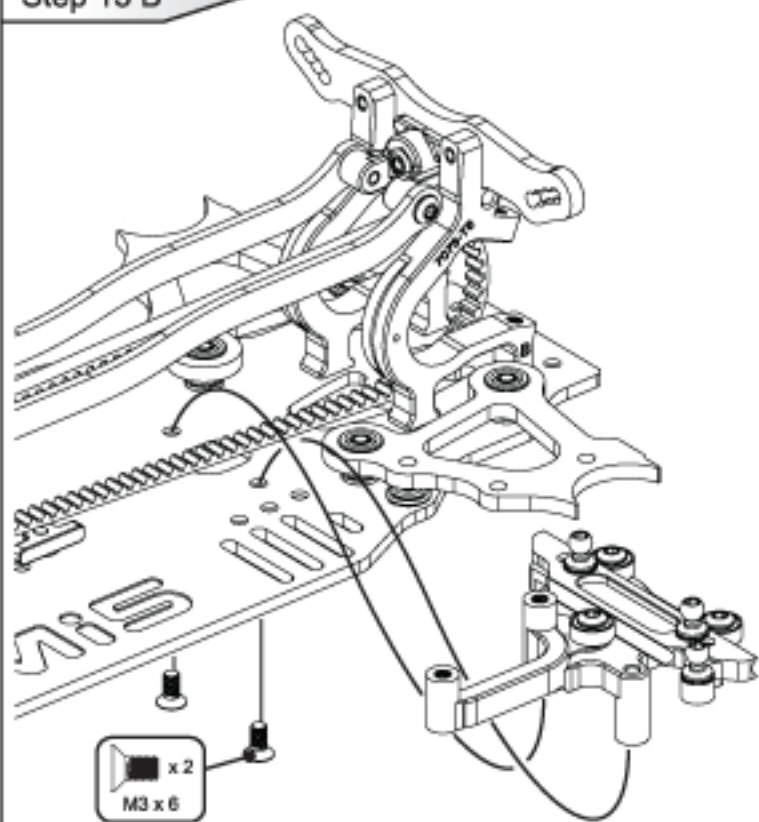
Step 10



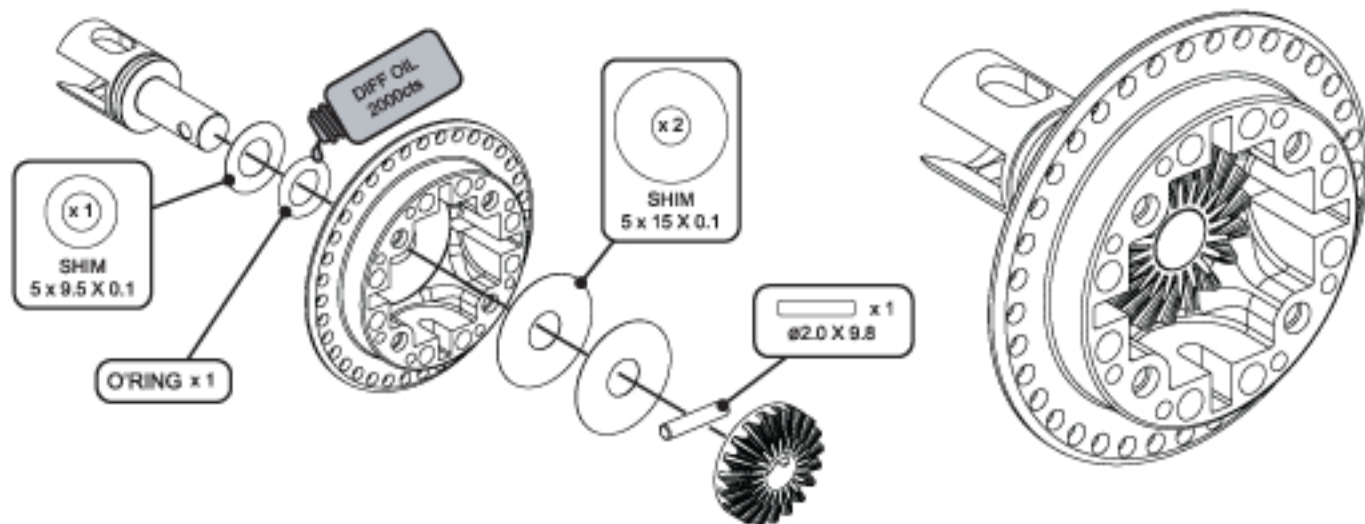




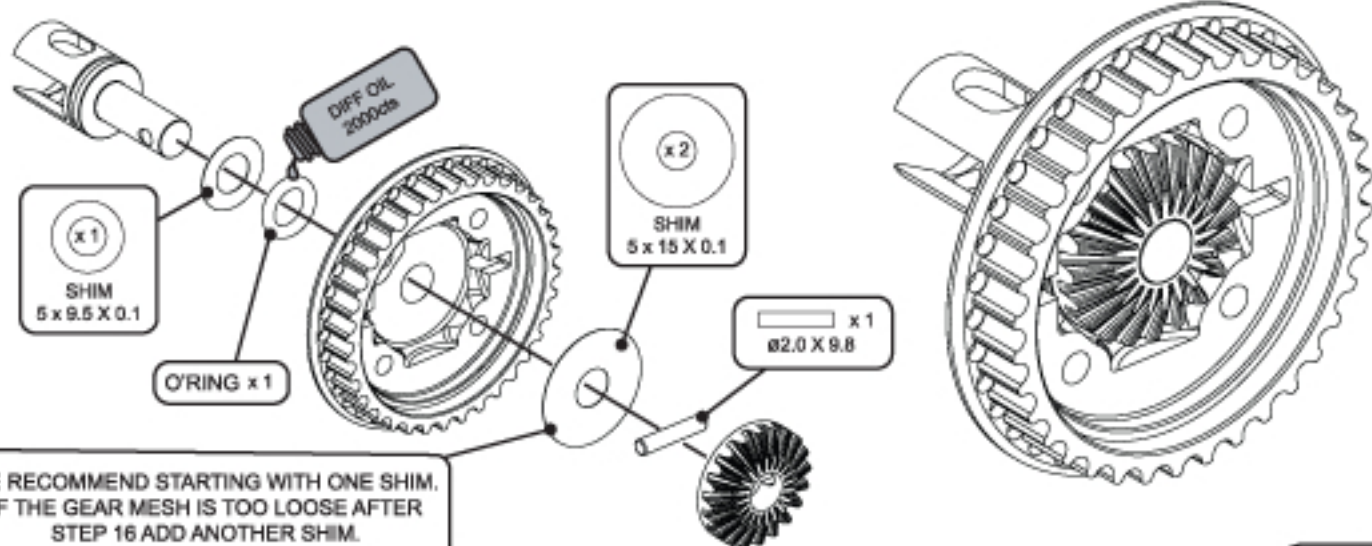




## Step 14



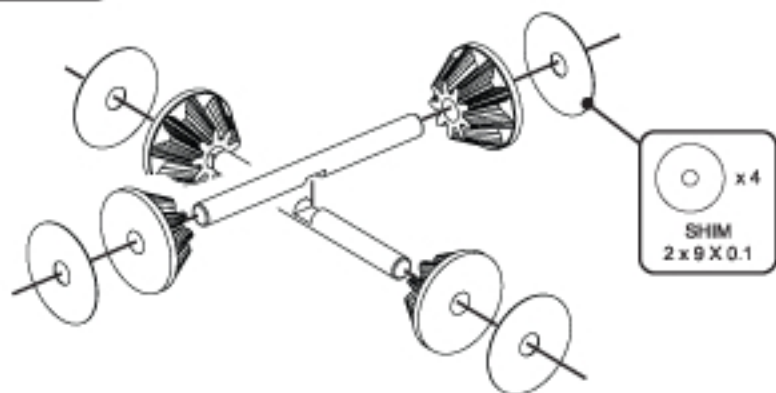
## Step 15



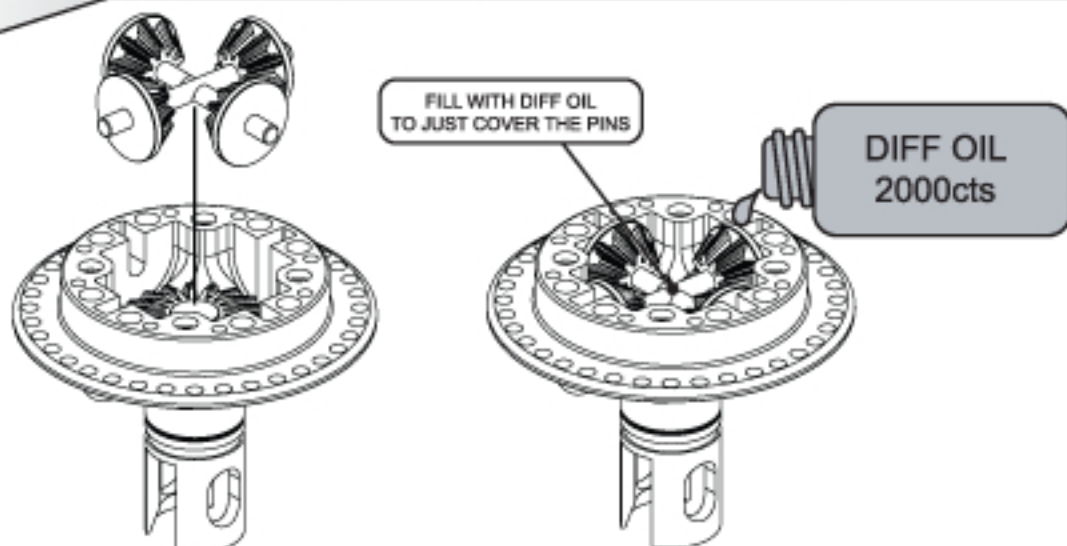
WE RECOMMEND STARTING WITH ONE SHIM.  
IF THE GEAR MESH IS TOO LOOSE AFTER  
STEP 16 ADD ANOTHER SHIM.

Step 16 A

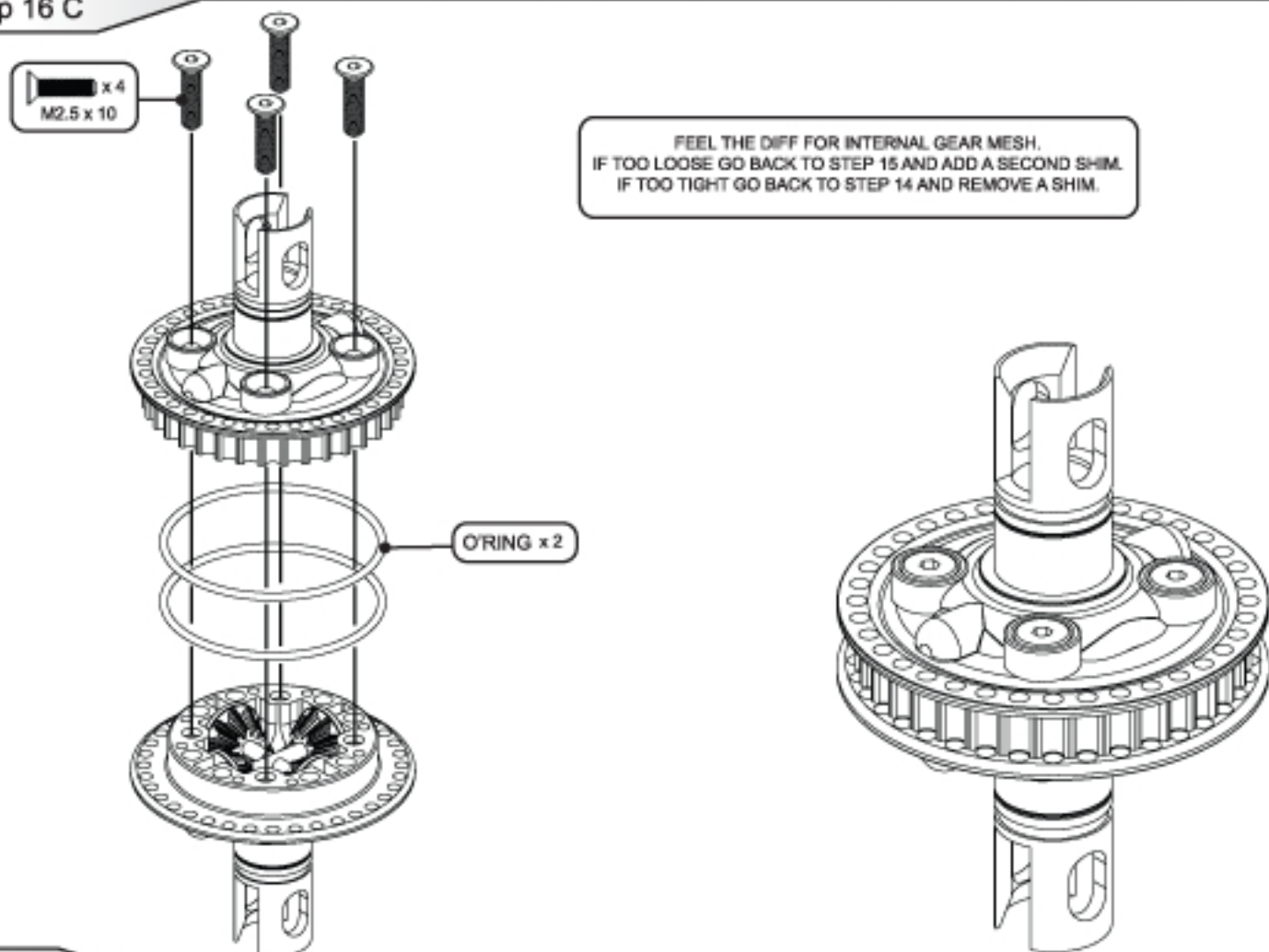
# Mi5



Step 16 B



Step 16 C

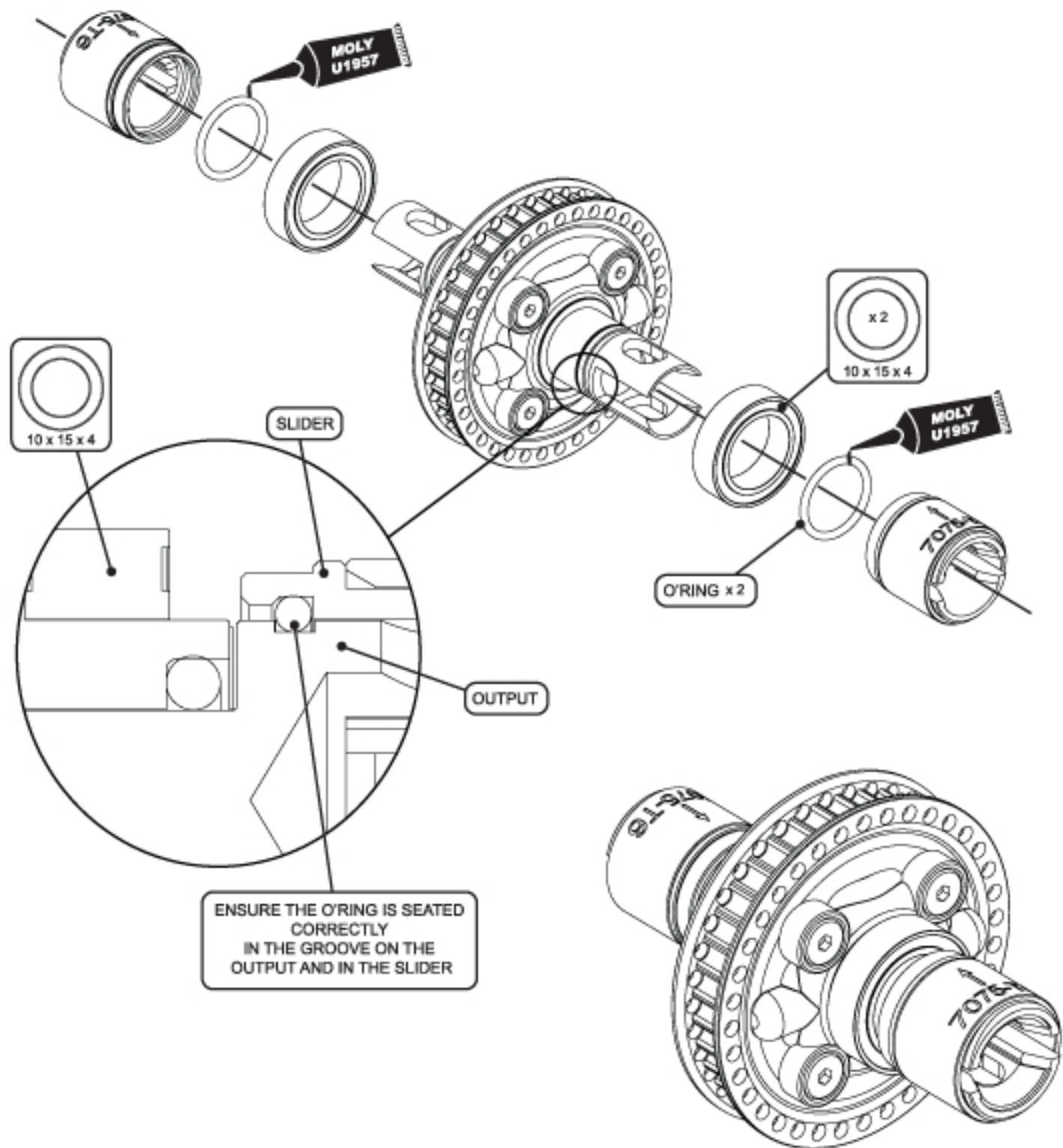


Step 17 A

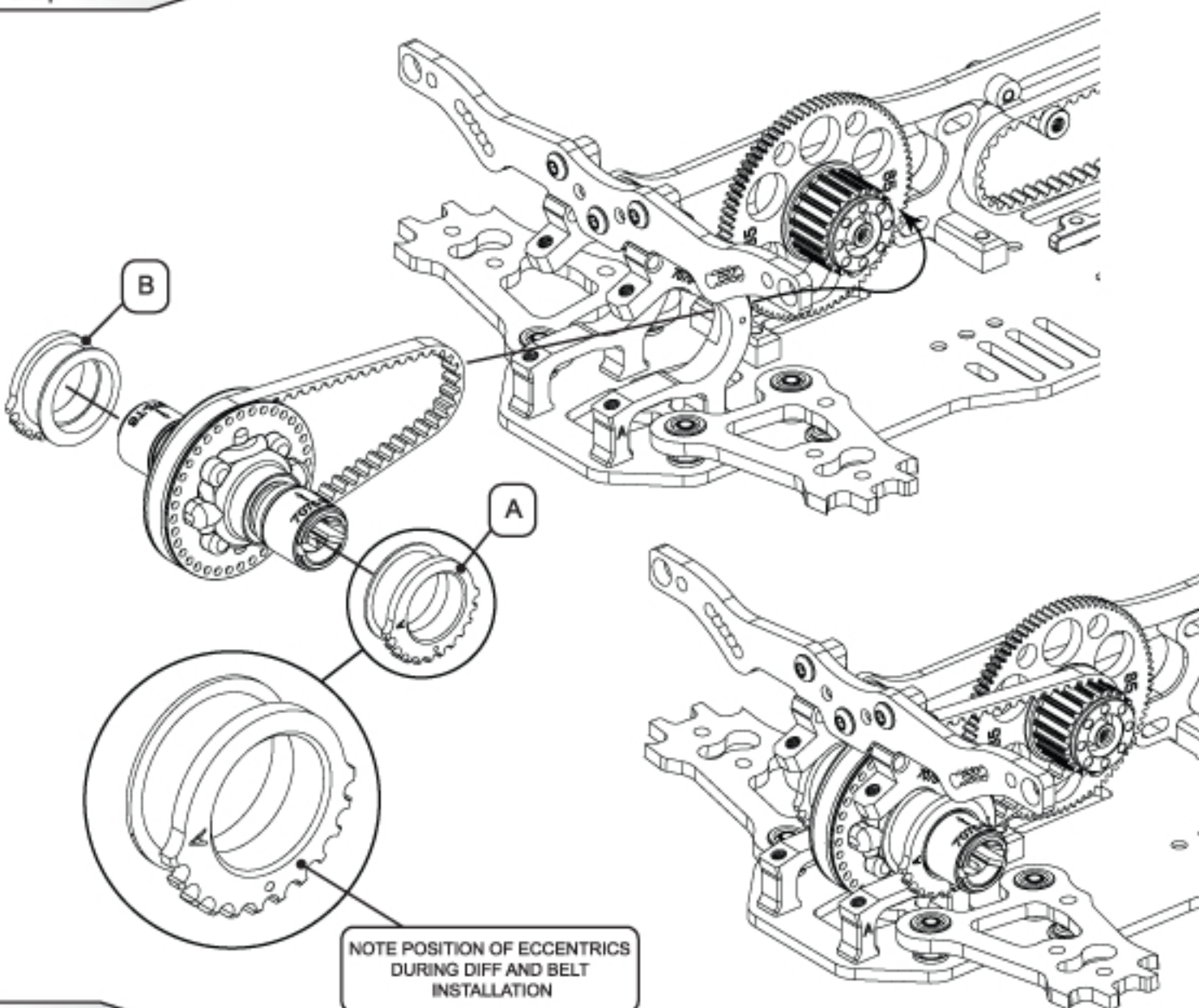
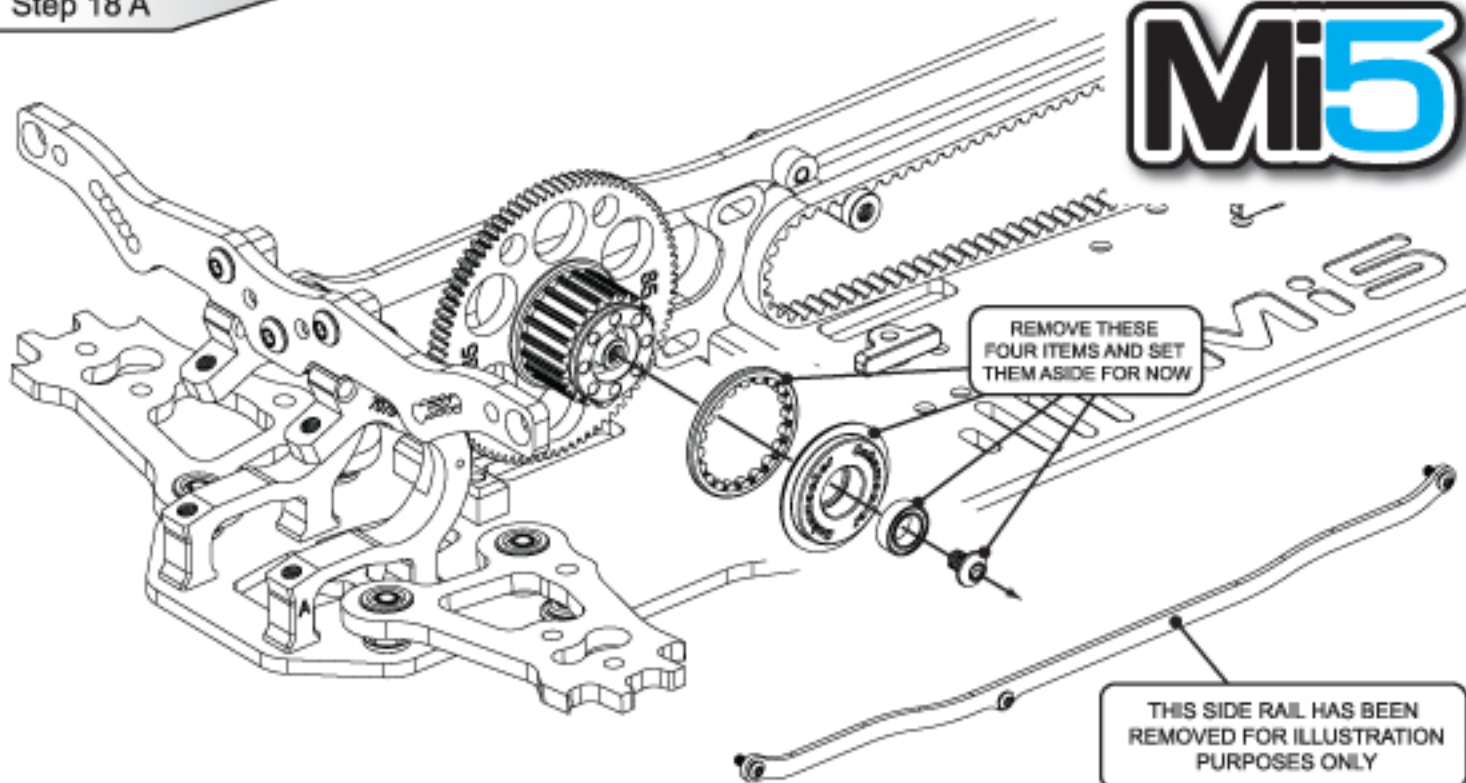


# Mi5

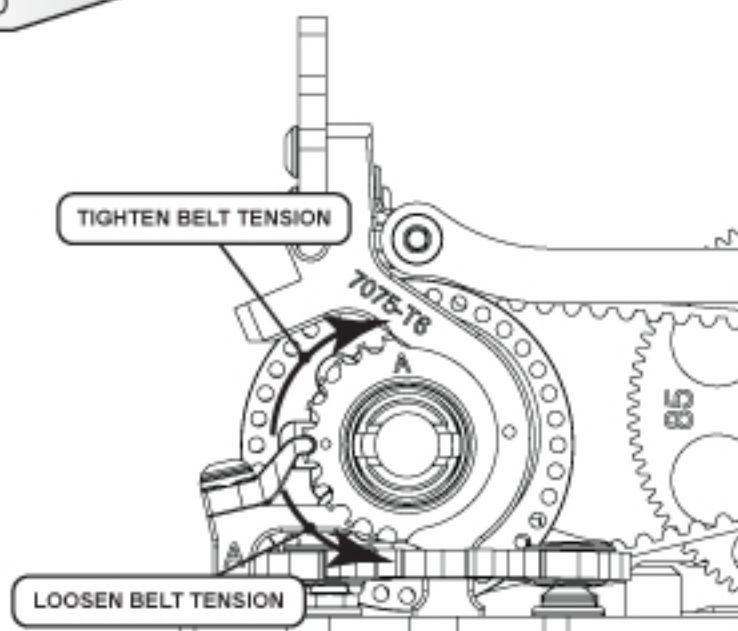
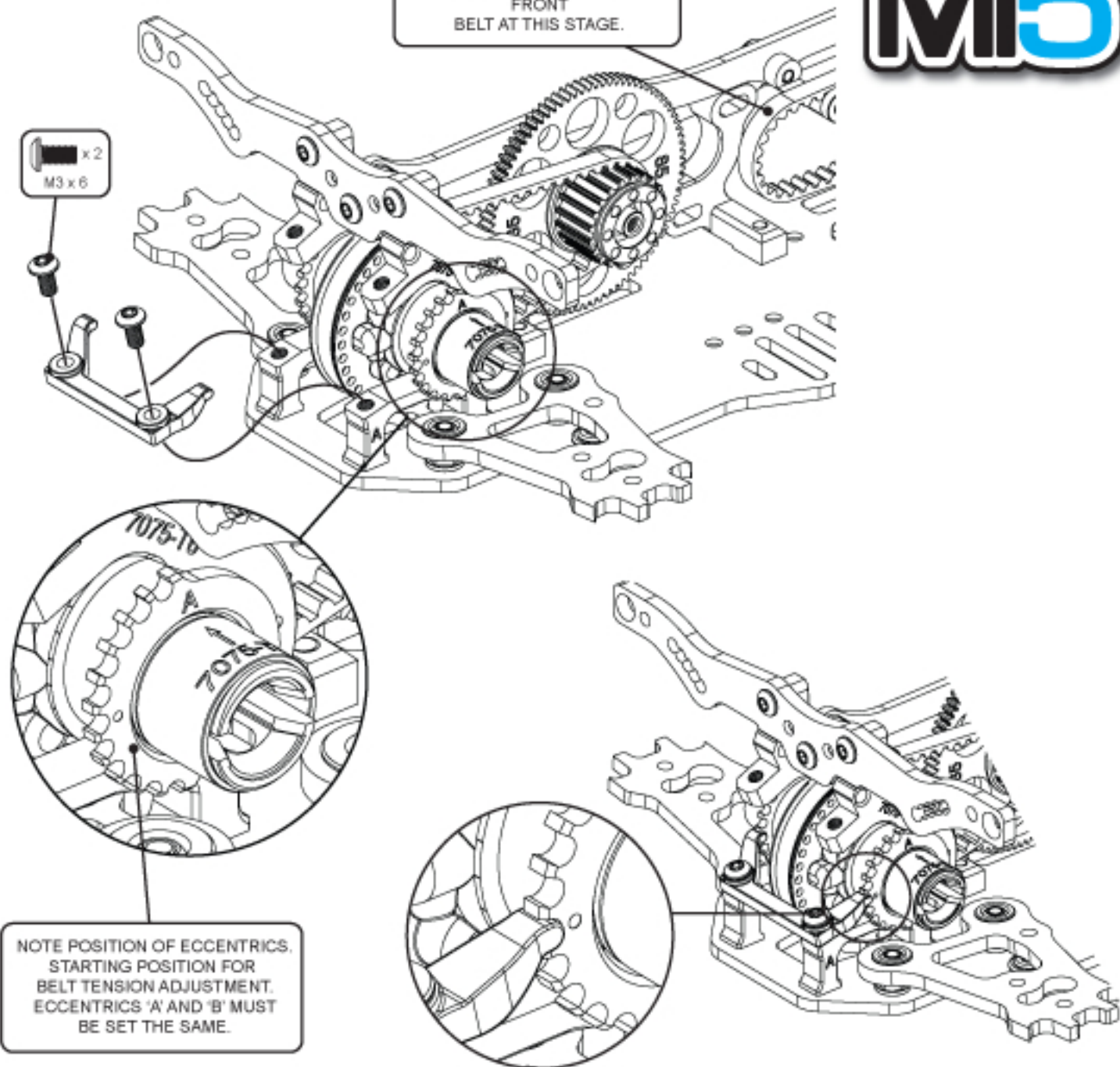
Step 17 B



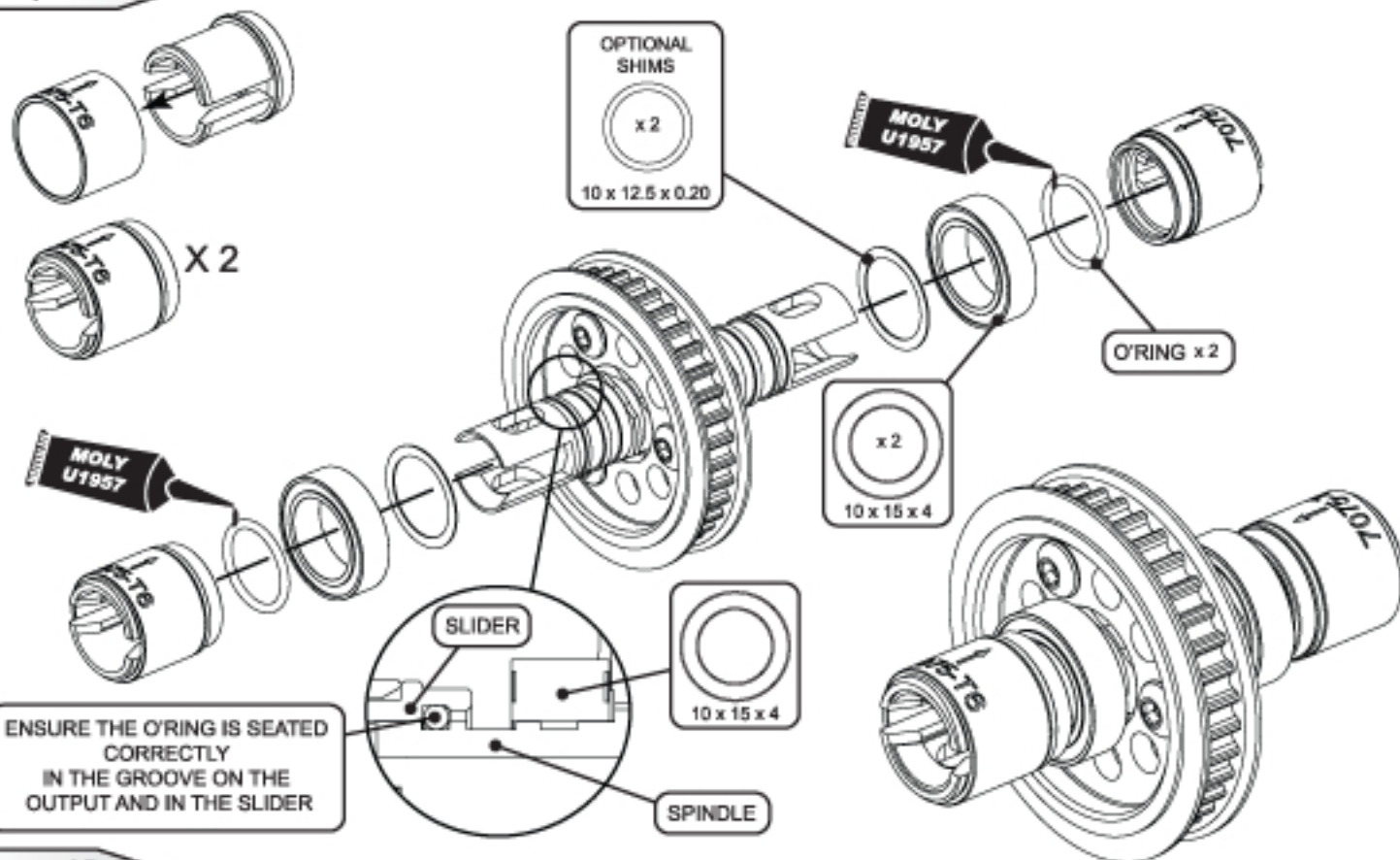
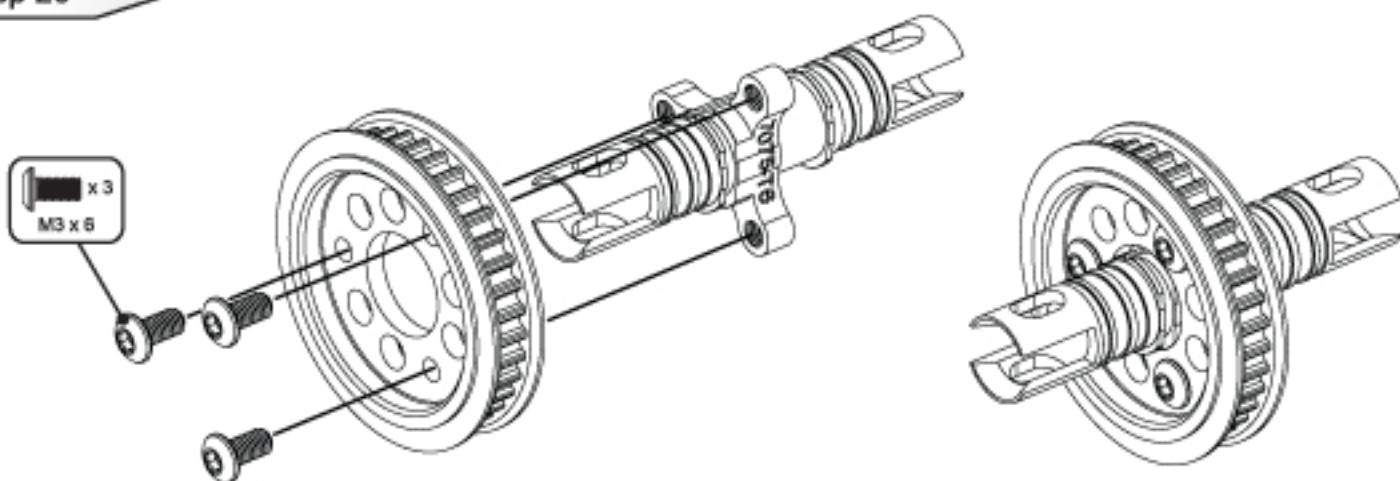
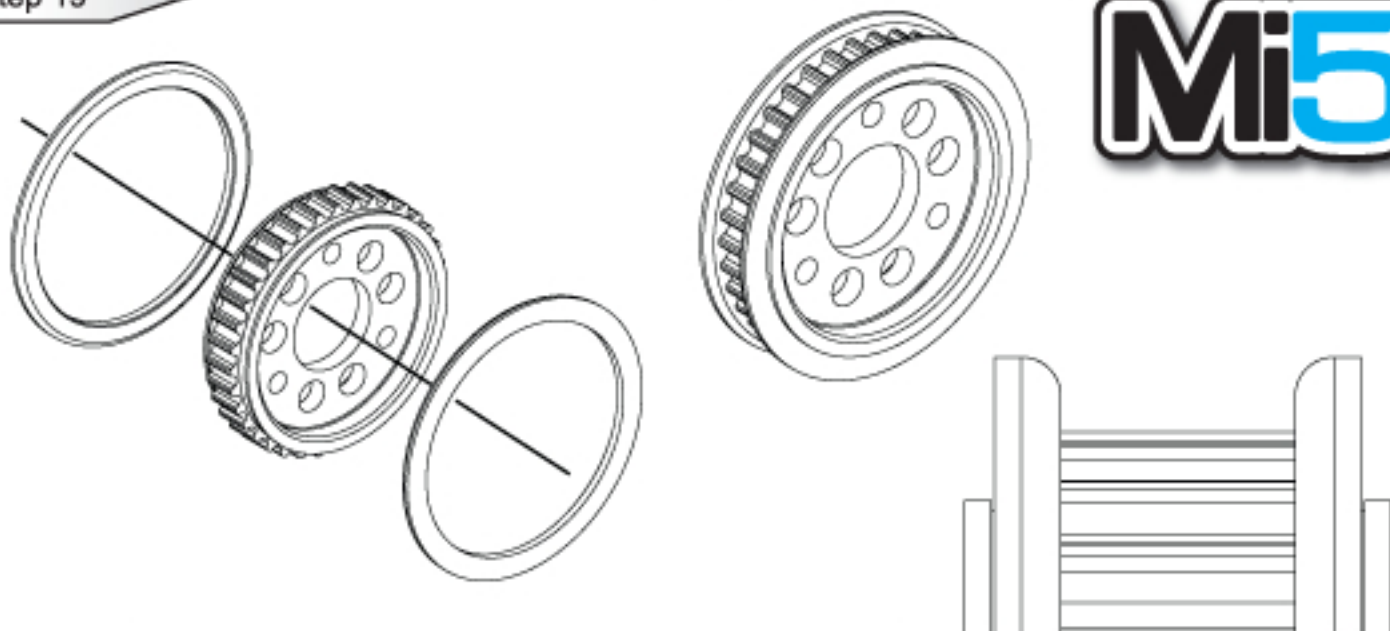




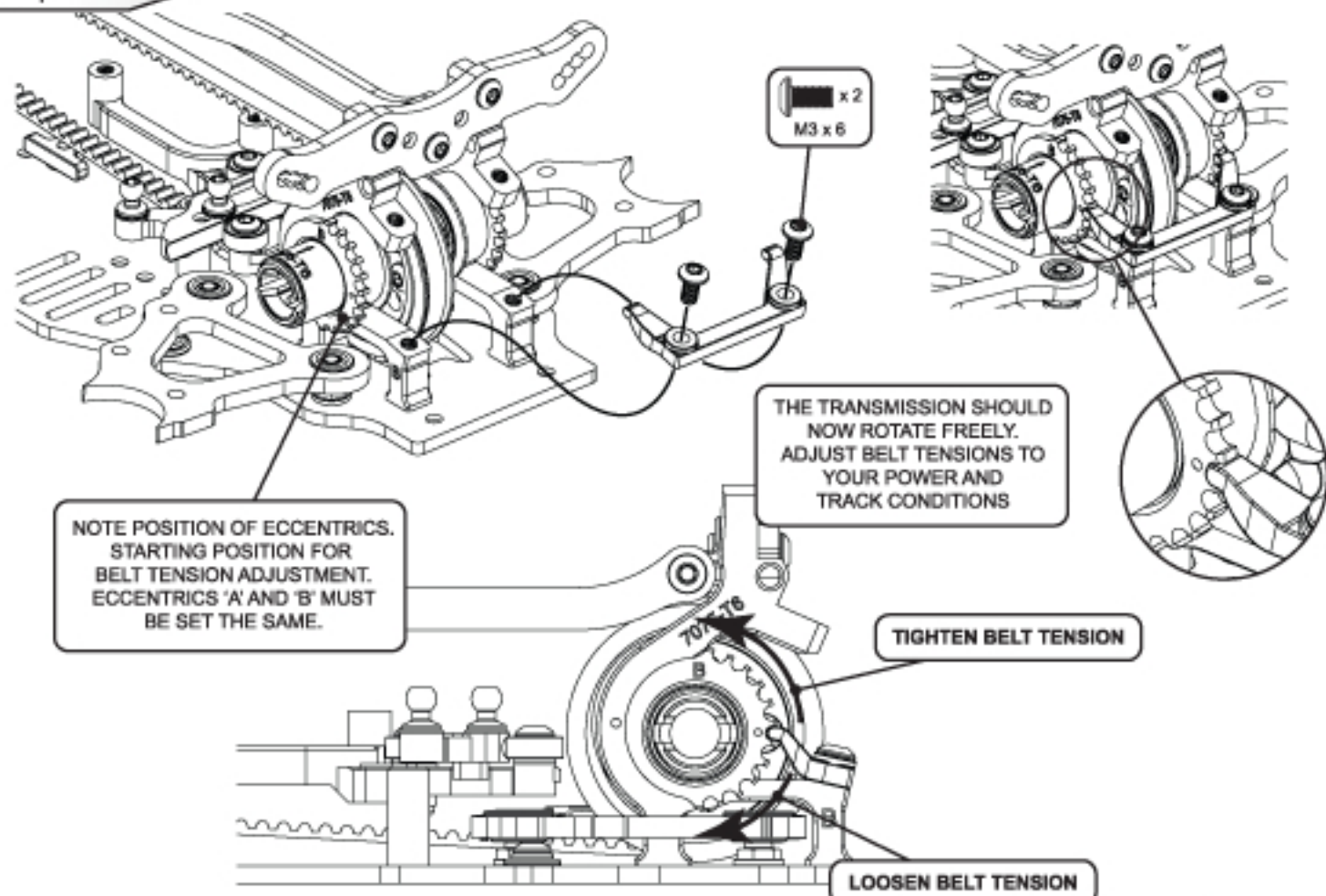
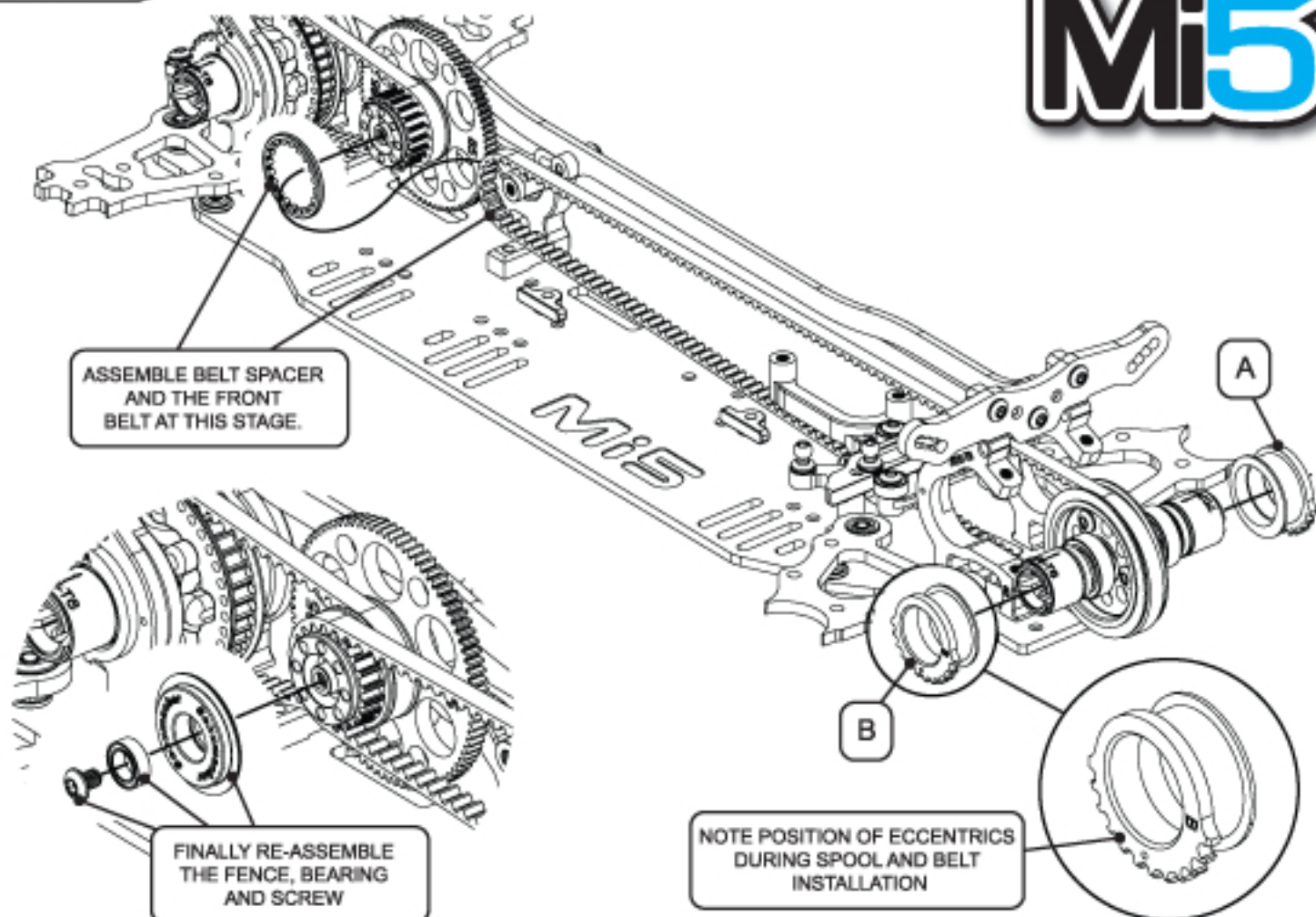
DO NOT ASSEMBLE THE  
FRONT  
BELT AT THIS STAGE.





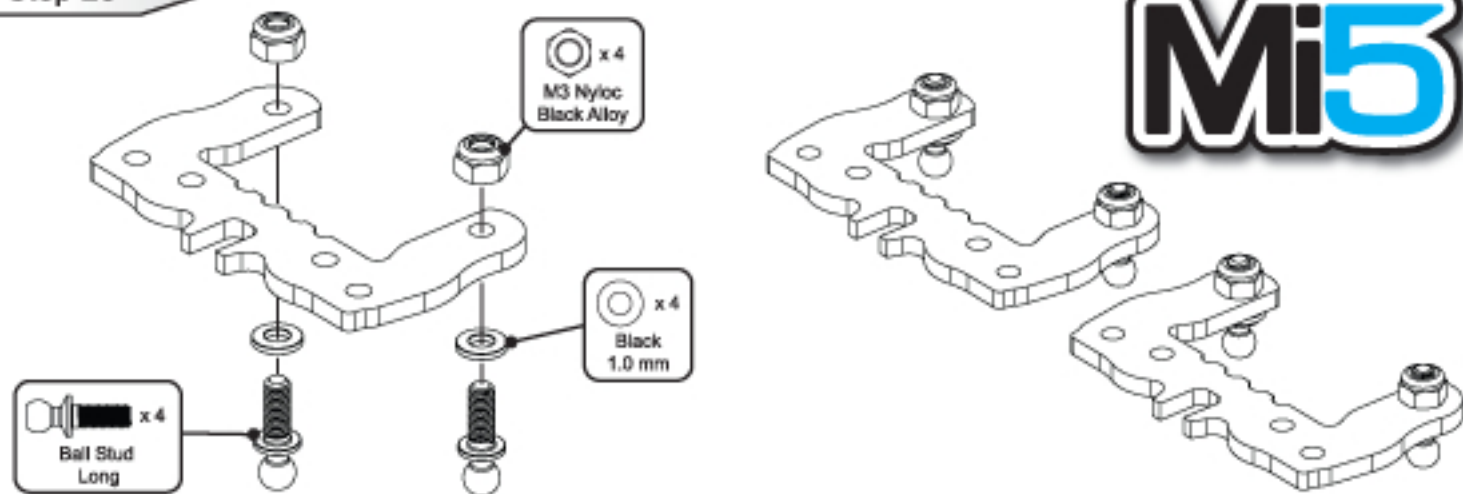




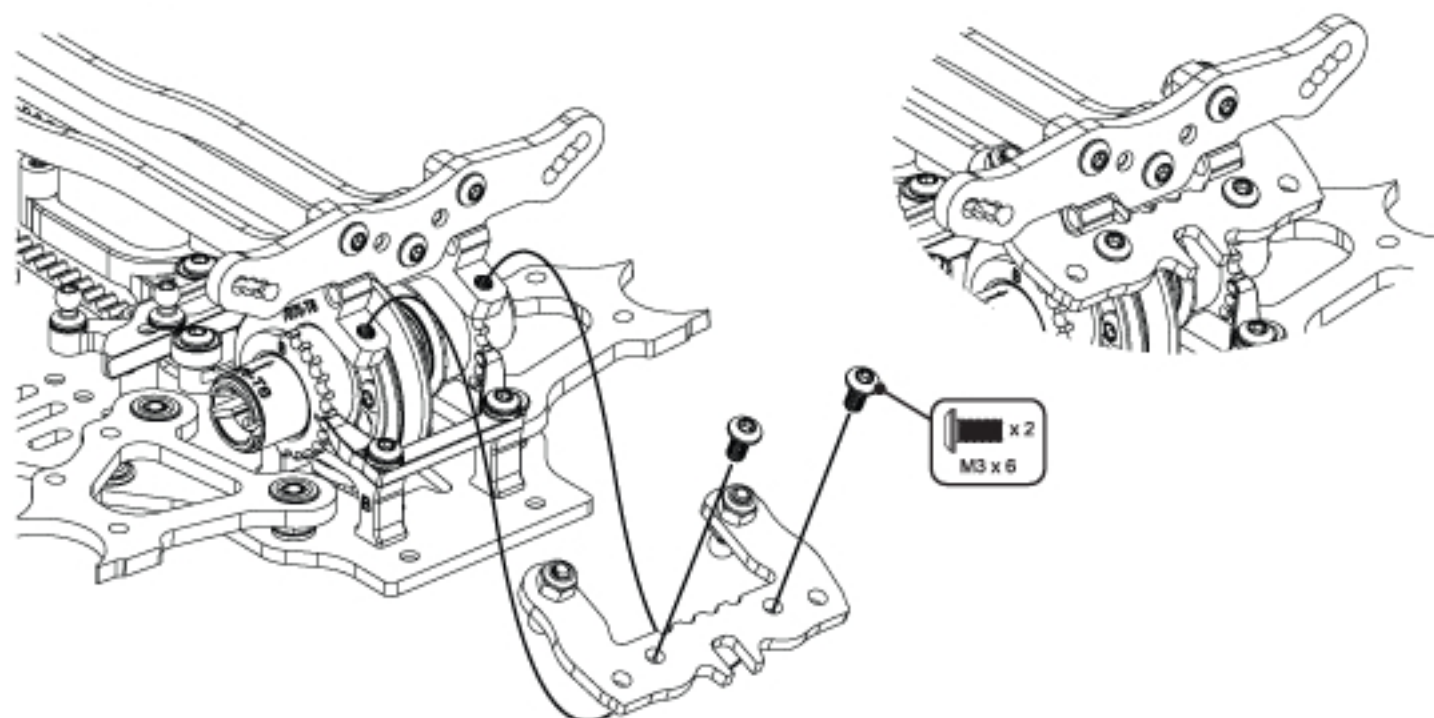


Step 23

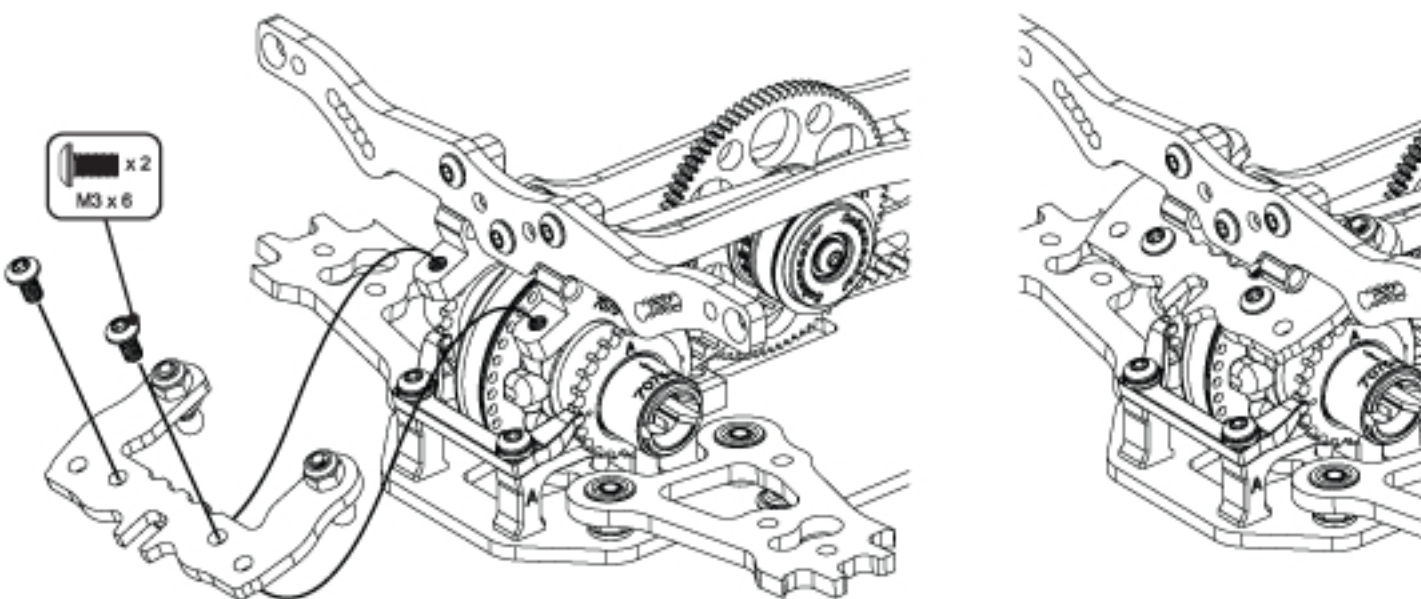
# Mi5



Step 24 A



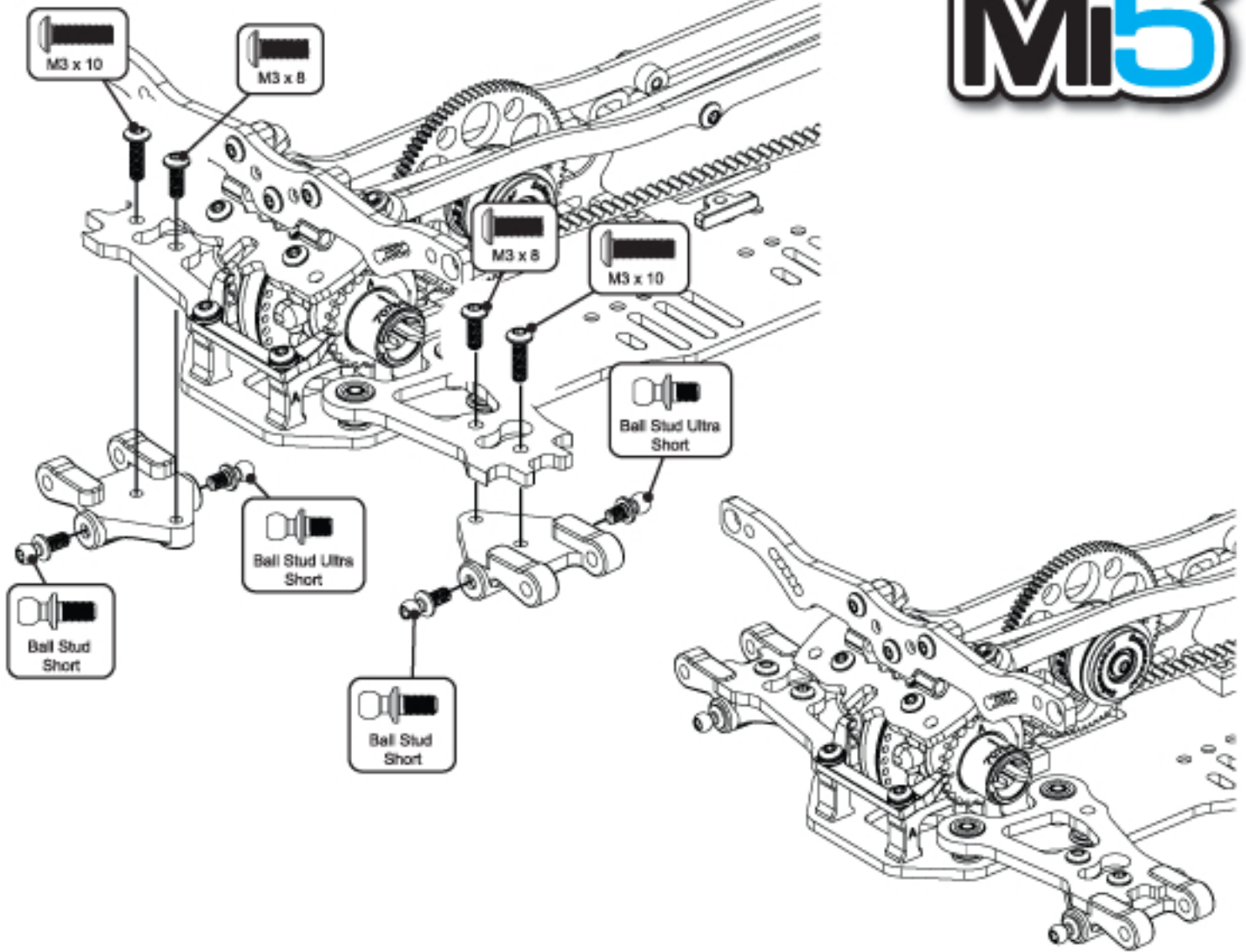
Step 24 B



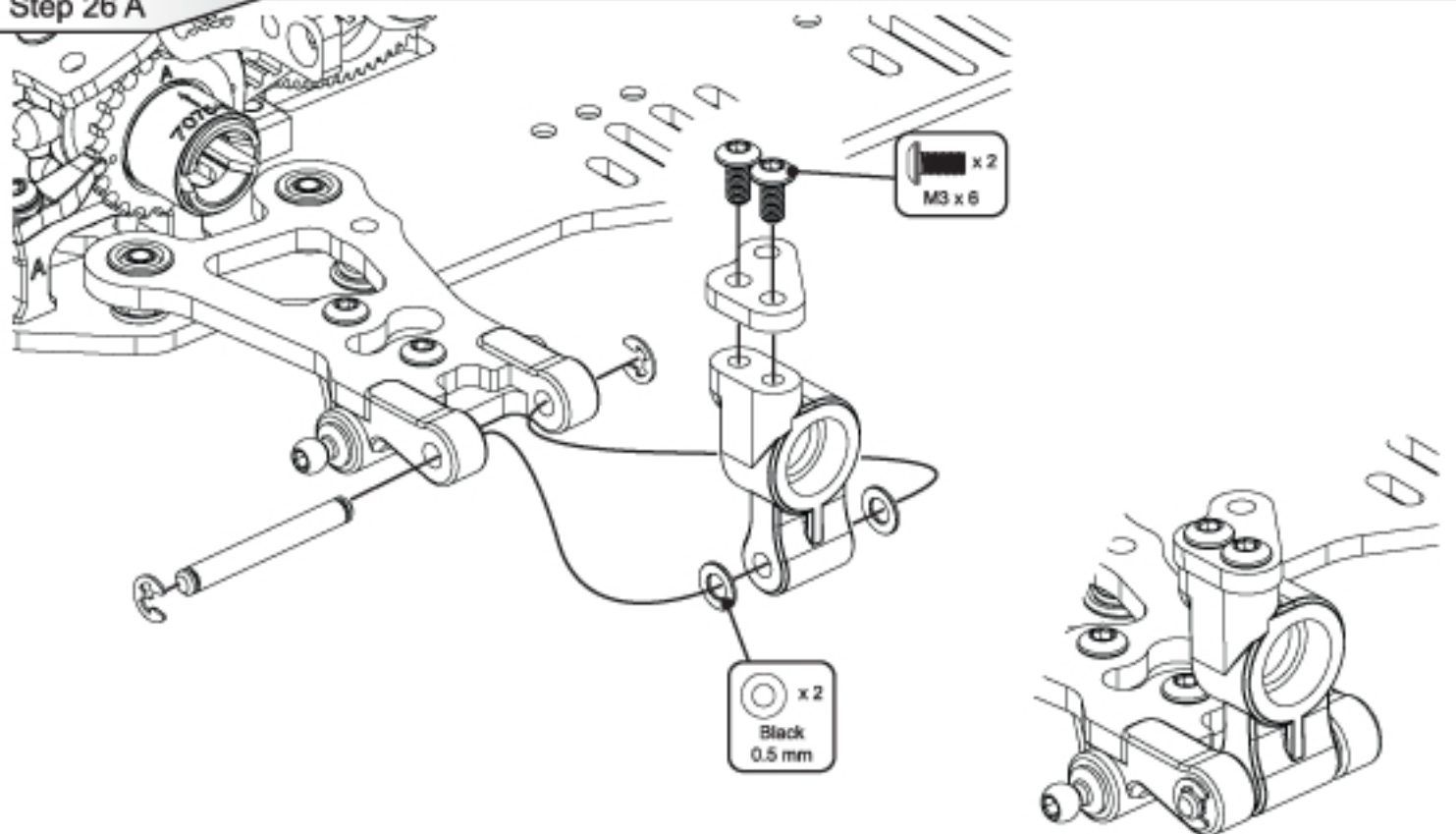


Step 25

# Mi5



Step 26 A



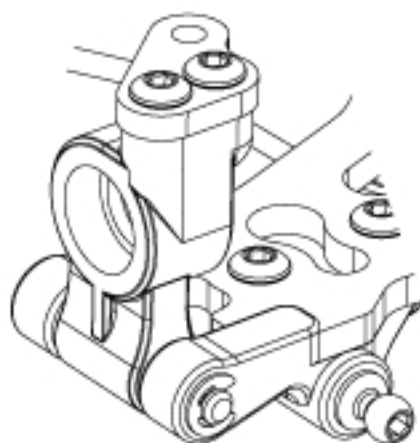
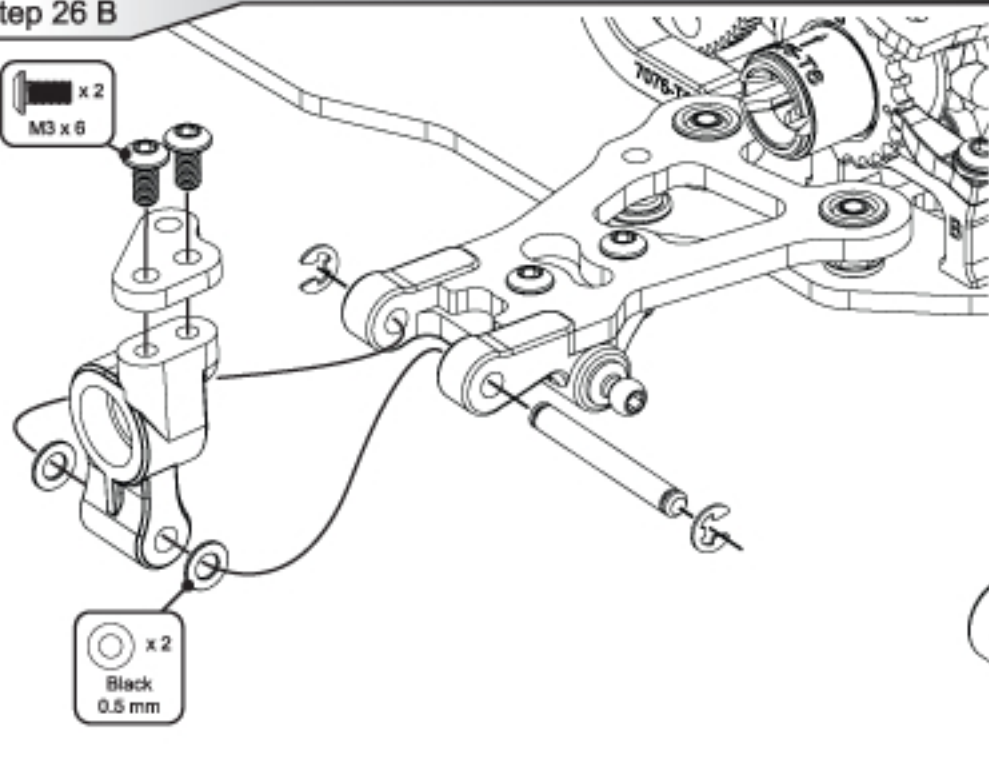


Step 26 B

# Mi5

x2  
M3 x 6

x2  
Black  
0.5 mm

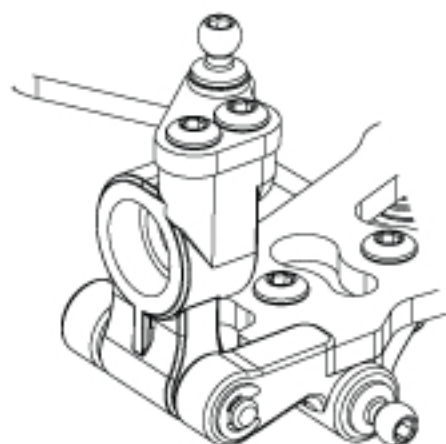
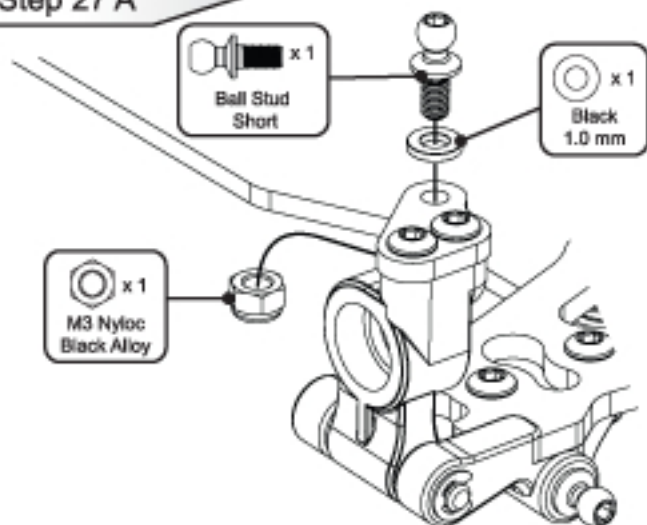


Step 27 A

x1  
Ball Stud  
Short

x1  
Black  
1.0 mm

x1  
M3 Nyloc  
Black Alloy

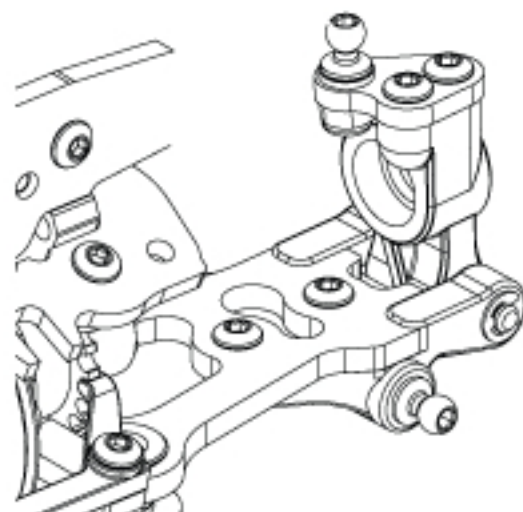
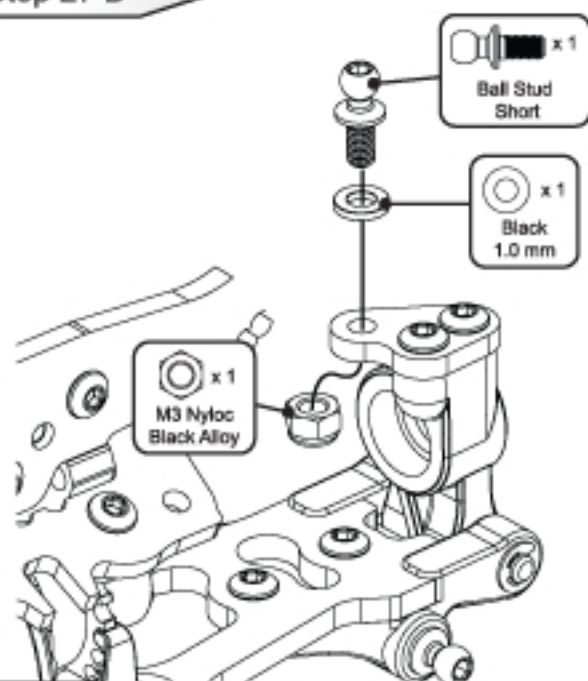


Step 27 B

x1  
Ball Stud  
Short

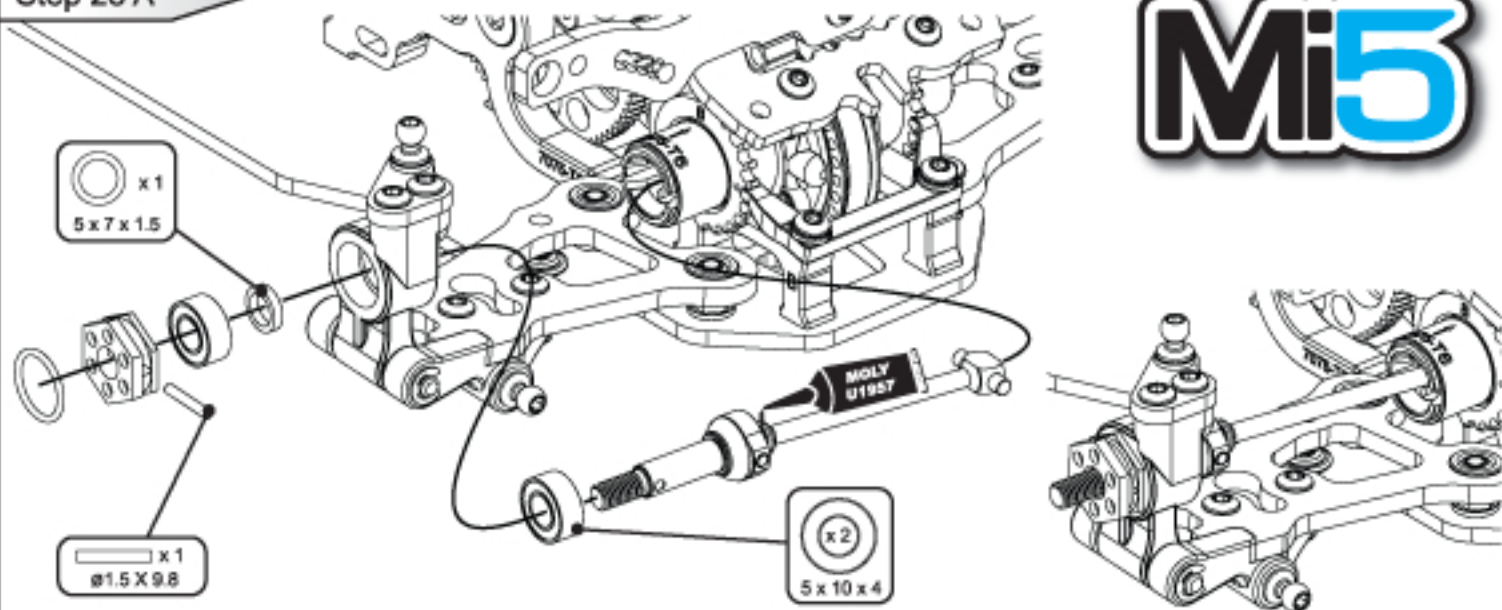
x1  
Black  
1.0 mm

x1  
M3 Nyloc  
Black Alloy

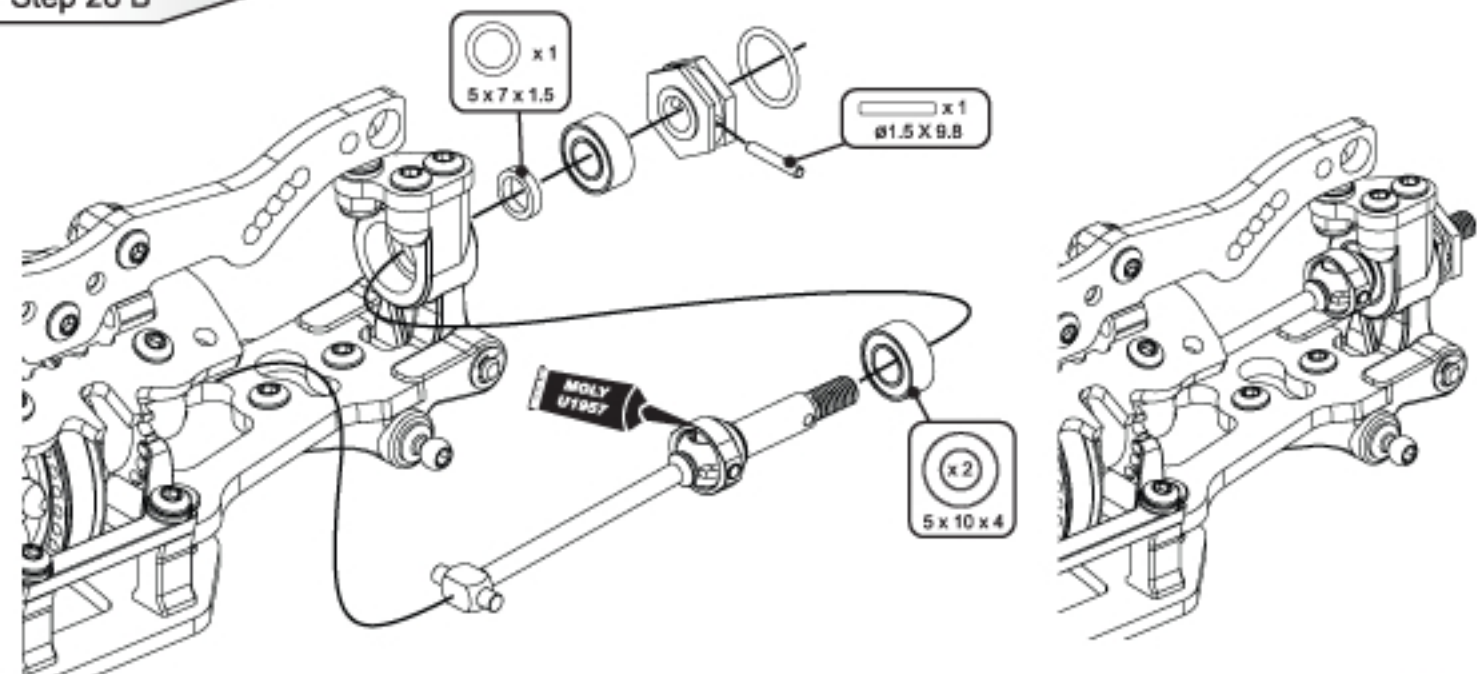


### Step 28 A

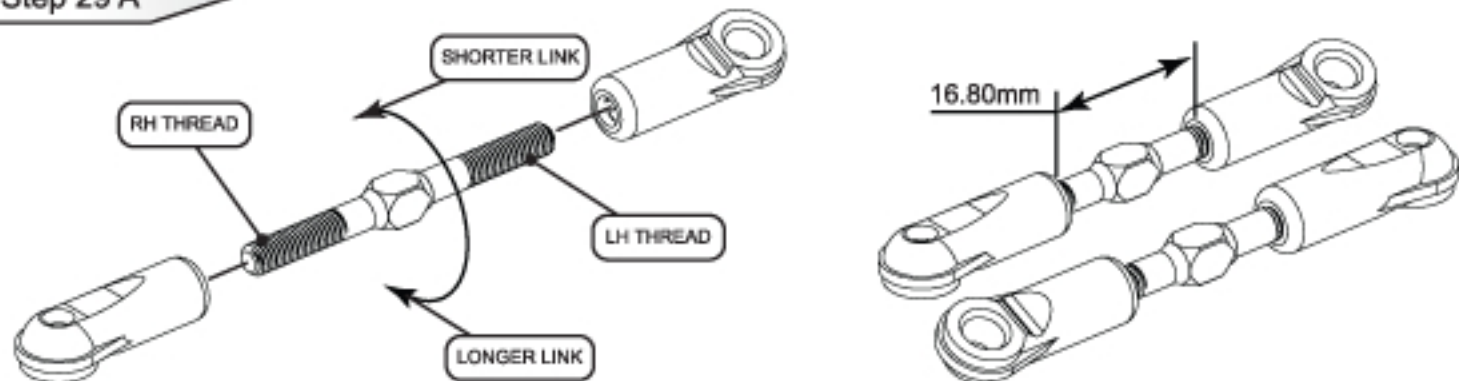
# Mi5



### Step 28 B

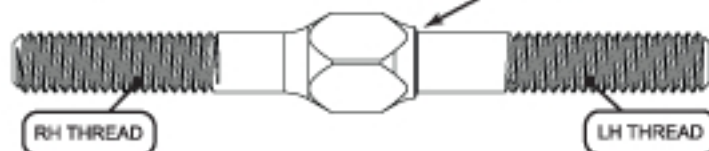


### Step 29 A

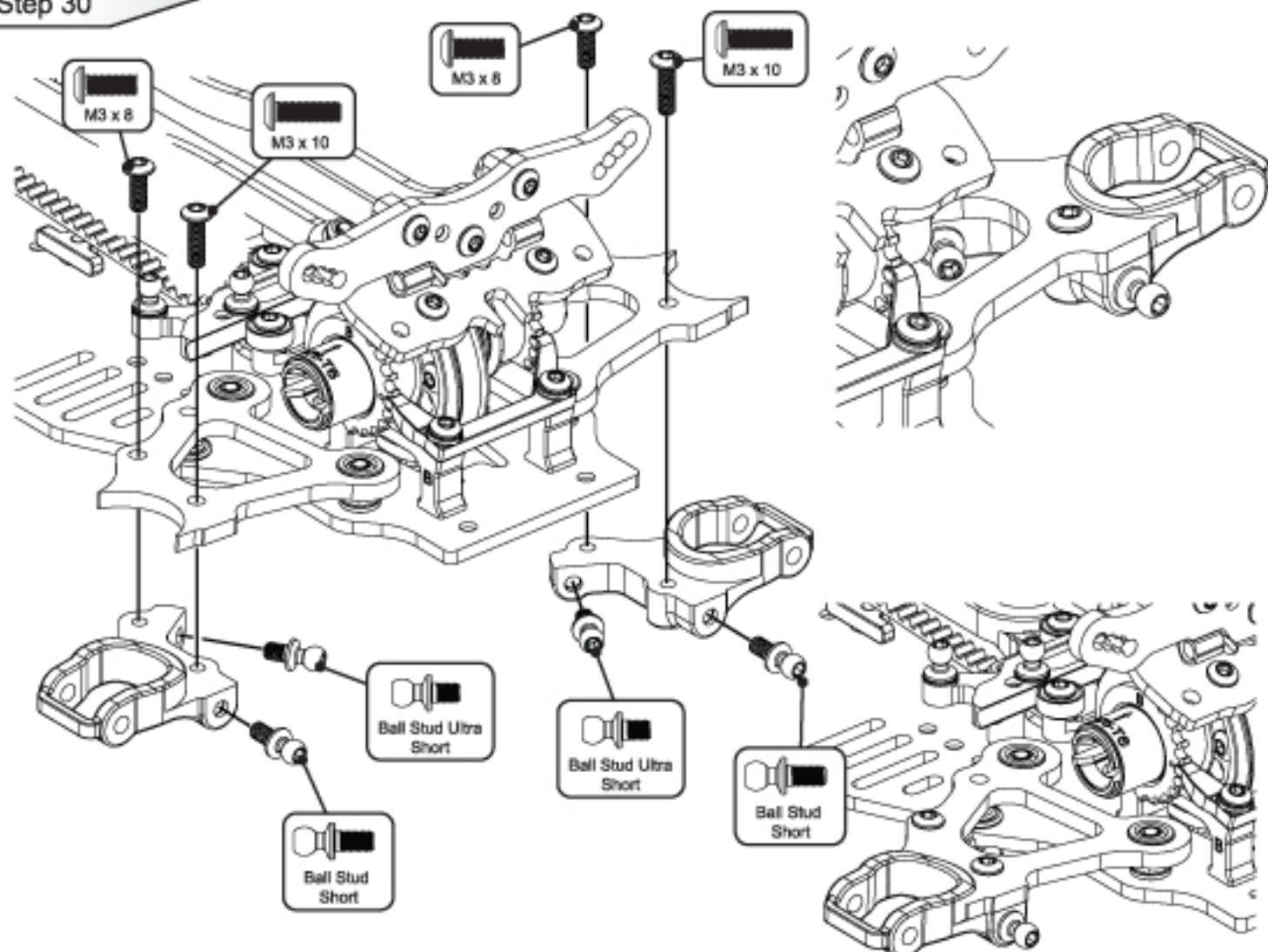
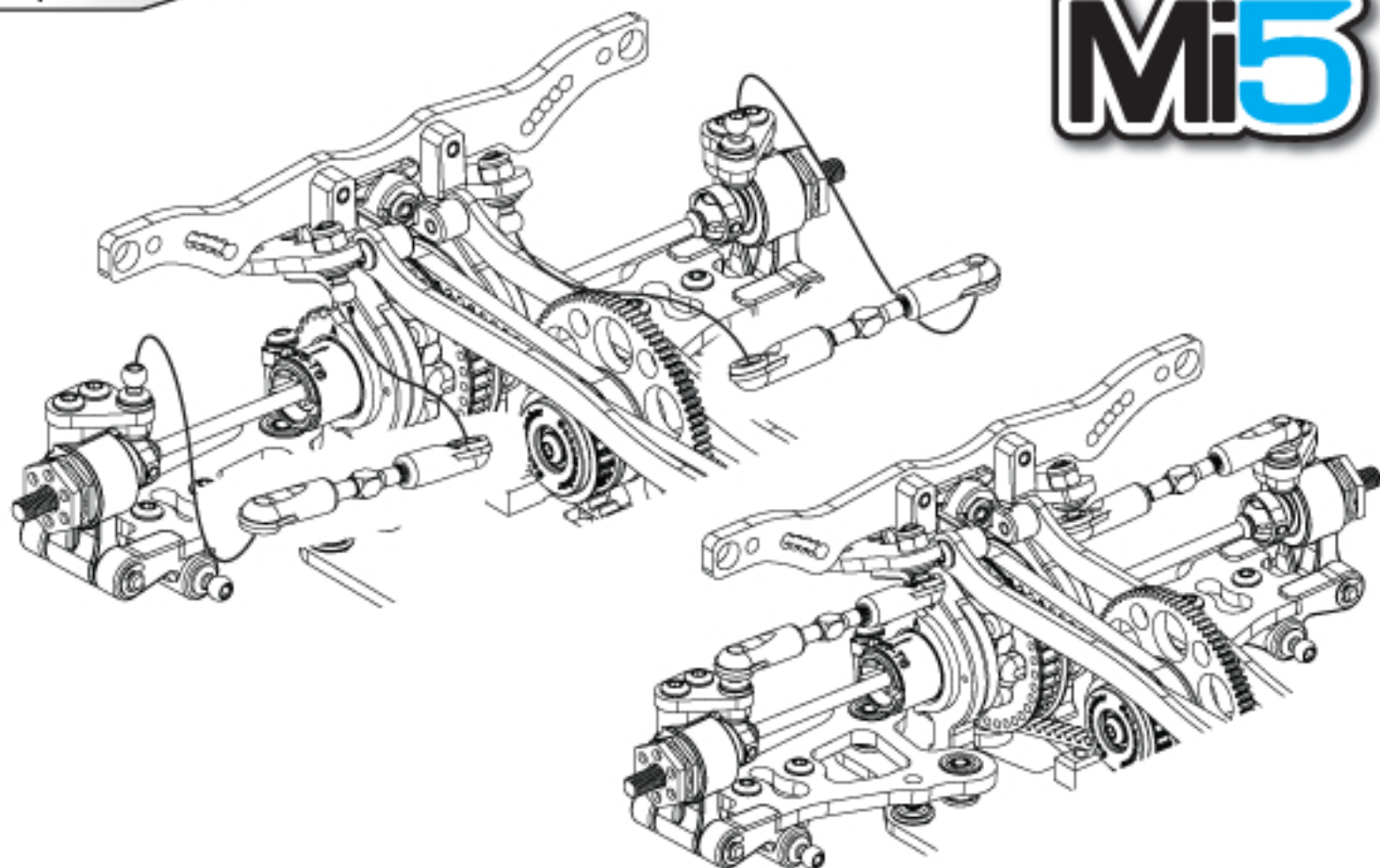


CAREFULLY SCREW THE SOCKETS ON TO THE TURNBUCKLE UNTIL NO THREADS ARE VISIBLE. THEN UNDO THEM TO THE DESIRED LENGTH. THIS ALLOWS FOR EASIER ADJUSTMENT ON THE CAR. (GREASING THE THREADS WILL ALSO HELP)

NOTE THE SHAPE OF THE TURNBUCKLE THIS SIDE OF THE TURNBUCKLE IS THE LEFT HAND THREAD.



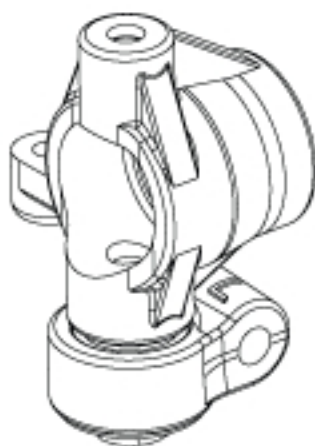
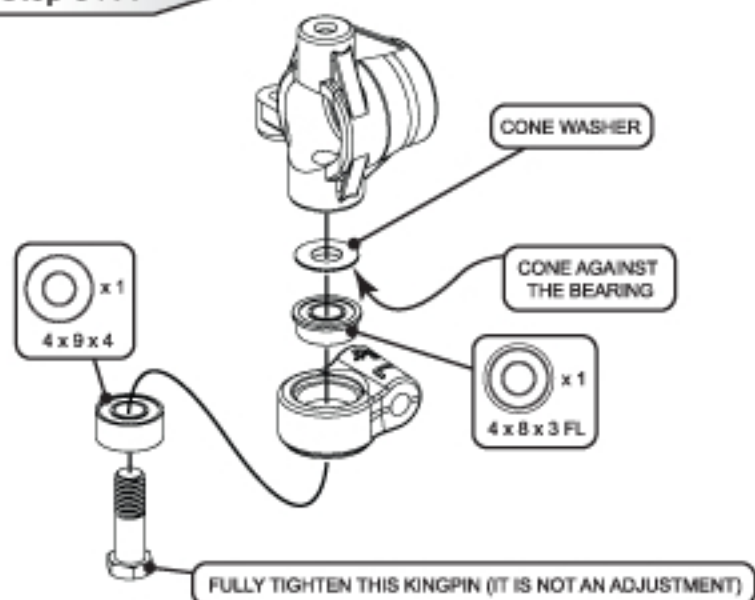




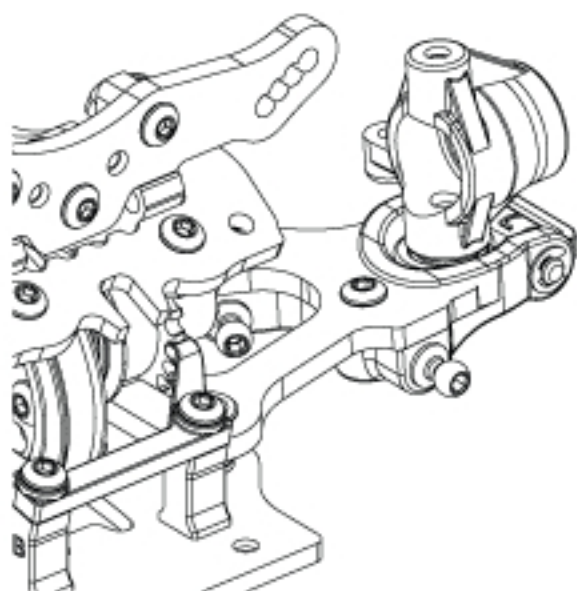
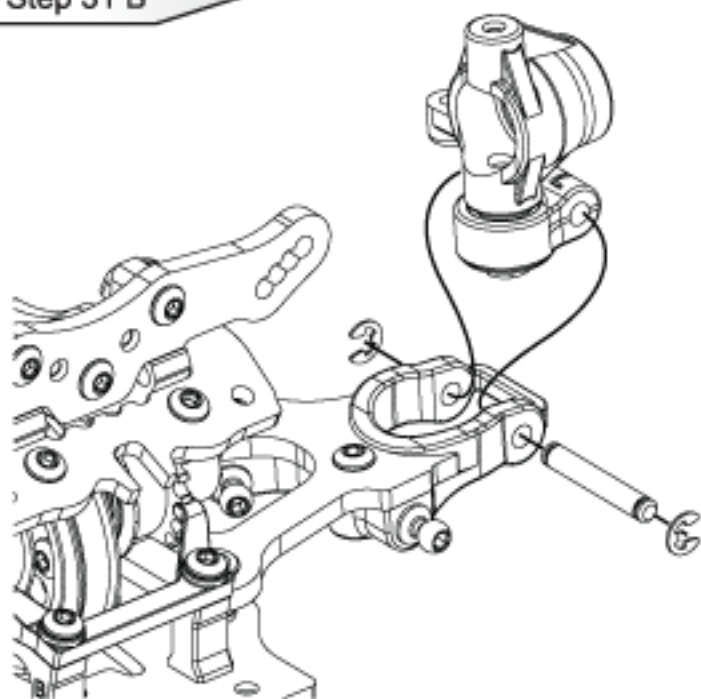


Step 31 A

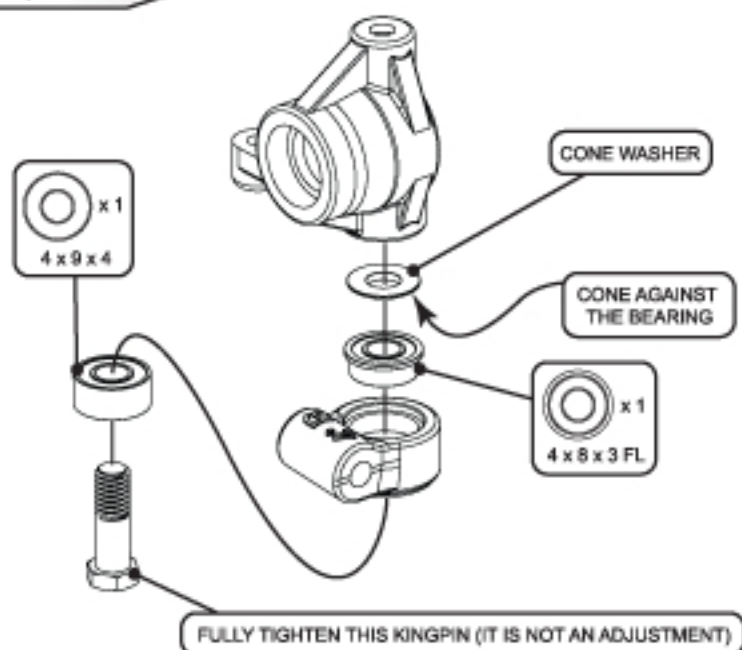
# Mi5



Step 31 B



Step 32 A



**ELECTRIC - TOURING CARS**

- K137 Mi5 - Pro C/F - 1/10 EP Touring Kit  
 K138 Mi5 - Pro C/F - 1/10 EP Touring Assembled

**CHASSIS PARTS**

- U1042 Aerial Mount - Universal  
 U119 Aerial Tube - Pack 4  
 U2231 Servo Horns  
 U2480 Body Posts and R Clips (pk 4)  
 U4137 Servo Mounts - CAT K1  
 U4245 Bumper Mouldings - Mi5  
 U4251 Topdeck Mouldings - Mi5 - pk2  
 U4252 LiPo Stop Mouldings - Mi5  
 U4268 Centre Track Rod - Mi5  
 U4269 Steering Mount - Mi5  
 U4281 Steering Post - Mi5 - pk2  
 U4282 Topdeck Spacer - Mi5  
 U4283 Foam Bumper - Mi5  
 U4286 C/F Chassis - Mi5  
 U4287 C/F Front Shock Mount - Mi5  
 U4288 C/F Rear Shock Mount - Mi5  
 U4289 C/F Rear Motor Topdeck - Mi5  
 U4293 C/F Steering Arm & Rear Hub Arm (kit) - Mi5 - 2pr  
 U4294 C/F Servo Mount (Kit) - Mi5  
 U4312 Body Block Rear (Black) - Mi5 - 1pr  
 U4313 Body Block Front (Black) - Mi5 - 1pr  
 U4319 Manual - Mi5

**BODYSHELLS AND DECALS**

- EC13810BSI East Coast Rear Body Supports  
 EC13810W1A East Coast Side Body Supports  
 EC13810W1B East Coast Body Stiffeners 5pcs  
 EC16283121 East Coast - Body; is250 190mm  
 EC16283122 East Coast - Body; Euro-R 190mm  
 EC16283123 East Coast - Body; 320si 190mm  
 EC16283129 East Coast - Body; Evo9x 190mm  
 EC16283212 East Coast - Body; Euro-R 200mm  
 EC162832D6 East Coast - Body; 350Z 190mm  
 EC162832D8 East Coast - Body; RX7 190mm  
 EC162832D9 East Coast - Body; S15 190mm  
 EC168M609 East Coast Body; 2009 M-Speed 6 - 190mm  
 EC168M609L ECLight Body; 2009 M-Speed 6 - 190mm  
 EC38826B East Coast - Half Paint; Blue; Speed 6 190mm  
 EC38826R East Coast - Half Paint; Red; Speed 6 190mm  
 G887 Touring Wing Holder  
 MR-WING MR33 Touring Wing  
 MT011002 Montech - Nazda 3 Body Touring - 190mm  
 MT012012 Montech - Nazda 4 Body Touring - 190mm  
 U3478 Decal sheet - Schumacher and Racing-Cars.Com (pk3)  
 U4320 Decal Sheet - Mi5 - (pk3)

**SUSPENSION**

- U1440 Pro Pin; grooved 1/8x25mm (pr)  
 U2718 Pro Pin; Grooved 1/8x18mm (pr)  
 U3131 Alloy Spacers M3x7mm 0.5;1;2mm (pk18)  
 U3137 Shock Mounting Post - (pr)  
 U3933 Roll Bar Collar Set  
 U4242 Roll Bar Socket - Mi5 - pk4  
 U4243 Droop Screw Bush - Mi5 - pk4

**SUSPENSION CONT....**

- U4244 Wishbone Sockets and Balls - Mi5 - pk4  
 U4246 Front Wishbone Mouldings - Mi5 - 1pr  
 U4247 Rear Wishbone Mouldings - Mi5 - 1pr  
 U4248 C/F Rear Wishbone 3.0deg - Mi5 - 1pc  
 U4254 Pro Ball Sockets - Mi5 - pk8  
 U4255 Rear Hub Carriers - Mi5 - 1pr  
 U4256 Front Hub Carriers - Mi5 - 1pr  
 U4257 Front Yokes 4deg - Mi5 - 1pr  
 U4259 Roll Bar Clamps - Mi5 - pk4  
 U4270 King Pin & Spacer - Mi5 - pk2  
 U4273 Pro Ball Stud Ultra Short - Mi5 - pk4  
 U4274 Pro Ball Stud Short - Mi5 - pk4  
 U4275 Pro Ball Stud Long - Mi5 - pk4  
 U4276 Roll Bar Link - Mi5 - pk2  
 U4291 C/F Front Wishbone - Mi5 - 1pc  
 U4297 Turnbuckle HT - Touring 30mm - 1pr  
 U4298 Turnbuckle HT - Touring 35mm - 1pr  
 U4299 Turnbuckle HT - Touring 52mm - 1pr  
 U4302 Short Ball Socket (Black) - Mi5 - pk8  
 U4303 Ball Socket (Black) - Mi5 - pk8  
 U4310 C/F Link Mount (4Dink) - Mi5 - 1pc

**TRANSMISSION**

- U2761 Diff Shims; 10x12 (pk8)  
 U3160 85T 48DP CNC Spur Gear - Mi4  
 U3170 Pins and Shims; Axle - Mi4 4pr  
 U3510 CNC Spool Pulley only - Mi4LP  
 U3525 Alloy Wheel Hex - Mi4 (pr)  
 U3814 Slider Insert - Mi4CX (pk 8)  
 U3815 Slider Ring - Mi4CX (pr)  
 U3824 Driveshaft; Steel Rear - Mi4CX (pr)  
 U3834 Driveshaft; Pivot;Pin;Screw - Mi4CX 1pc  
 U3836 Driveshaft; Steel Axle Rear - Mi4CX 1pc  
 U3837 Driveshaft; Steel Bone Front - Mi4CX 1pc  
 U3838 Driveshaft; Steel Bone Rear - Mi4CX 1pc  
 U3907 Alloy Pulley 20T - Mi3/Mi4  
 U3924 Bando Extra Strong Rear Belt - Mi3 - Mi4  
 U3930 Pulley Fences 20T  
 U4066 Bando Extra Strong Belt 171T - Mi4 Front  
 U4250 Diff Clamp - Mi5 - pk2  
 U4260 Gear Diff Housings - Mi5  
 U4261 Gear Diff Bevel Gears - Mi5  
 U4262 Layshaft/Motor Mount - Mi5  
 U4263 Transmission Housing Side 'A' - Mi5  
 U4264 Transmission Housing Side 'B' - Mi5  
 U4265 Eccentric Side 'A' - Mi5  
 U4266 Eccentric Side 'B' - Mi5  
 U4267 Layshaft - Mi5  
 U4277 Front Spool - Mi5  
 U4279 Gear Diff Rebuild Kit - Mi5  
 U4296 Gear Diff Output - Mi5 - 1pc  
 U4316 Layshaft Endcap - Mi5 - 1pc  
 U4331 Driveshaft; Steel Front - Mi5 - 1pc  
 U4332 Spool Spindle - Mi5  
 U4333 Assembled Gear Diff - Mi5



**BEARINGS AND BALLS**

- G200 ZX1 - Microlube  
 H1031 Bearing Blaster Aerosol 500ml  
 U1411 Ball Bearing - 4x8x3 Shielded. (pr)  
 U1529 Ball Bearing - 4x8x3 Flanged (pr)  
 U2148 Ball Bearing - 5x10x4 Shielded (pr)  
 U2189 Wheel Bearings 8pcs 10x5x4+Shim Set  
 U3016 Ball Bearing - 10x15x4 - Shielded (pr)  
 U3136 Ball Bearing - 5x8x2.5 - Shielded (pr)  
 U4280 Bearing - 4x9x4 Shielded - pk2

**SHOCK ABSORBERS**

- U2993 Race Shock Body; Nickel Teflon (pr)  
 U2997 Race Shock Rod; Ti-Nitride - 30mm (pr)  
 U3937 Shock Mouldings  
 U4253 Moulded Shock Top - Mi5 - pk4  
 U4278 Shock Rebuild Kit - Mi5  
 U4284 PTFE 3 Hole Piston - Mi5  
 U4285 Pro Shock Seal Blue - On Road - pk8  
 U4300 Shock Seal Cap (Black) - Mi5 - 1pr  
 U4301 Threaded Shock Collar (Black) - Mi5 - 1pr  
 U4302 Short Ball Socket (Black) - Mi5 - pk8  
 U4334 Assembled Shocks - Mi5  
 U4335 Shock Top ring - Mi5 - (pr)

**BIG BORE SHOCKS**

- U3670 Big Bore Shock; 2 Hole Pistons pr  
 U3671 Big Bore Shock; 4 Hole Pistons pr  
 U3672 Big Bore Shock; 6 Hole Pistons pr  
 U3770 Big Bore Rounded Pistons; 3 Hole pr  
 U3771 Big Bore Rounded Pistons; 5 Hole pr  
 U3775 Big Bore Shocks Assembled - Touring - Pair  
 U3776 Big Bore Spring Tuning Set Trg- 5prs  
 U3777 Big Bore Springs; 14lb/in pr  
 U3778 Big Bore Springs; 16lb/in pr  
 U3779 Big Bore Springs; 17lb/in pr  
 U3780 Big Bore Springs; 20lb/in pr  
 U3781 Big Bore Springs; 23lb/in pr  
 U3782 HD Diaphragm - pk4  
 U3783 Big Bore Shock Body; Touring pr  
 U3784 Big Bore Shock Cap; Touring pr  
 U3785 Big Bore Shock Rods; Touring pr  
 U3786 Big Bore Shock Seal Rebuild Kit; Touring pr  
 U4209 Vented Shock Caps - Big Bore - (Pr)

**SPRINGS**

- G882 Spec-R Touring Spring Set-Soft 2.5-2.8  
 G895 Spec-R Touring Spring - Soft 2.6  
 G896 Spec-R Touring Spring - Soft 2.7  
 G897 Spec-R Touring Spring - Soft 2.8  
 U4304 Spring 14Lb/in - White - Mi5 - 1pr  
 U4305 Spring 15Lb/in - Blue - Mi5 - 1pr  
 U4306 Spring 16Lb/in - Green - Mi5 - 1pr  
 U4307 Spring 17Lb/in - Red - Mi5 - 1pr  
 U4308 Spring 18Lb/in - Yellow - Mi5 - 1pr  
 U4309 Spring Set - Mi5 - 5pr

**SHOCK AND DIFF OIL**

- CR200 CORE RC Silicone Oil - 100cSt - 60ml  
 CR201 CORE RC Silicone Oil - 150cSt - 60ml

**SHOCK AND DIFF OIL CONT....**

- 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  
 G030 Pure Silicone Shock Oil - 30w  
 G035 Pure Silicone Shock Oil - 35w  
 G040 Pure Silicone Shock Oil - 40w  
 G045 Pure Silicone Shock Oil - 45w  
 G050 Pure Silicone Shock Oil - 50w  
 G055 Pure Silicone Shock Oil - 55w  
 G060 Pure Silicone Shock Oil - 60w  
 G070 Pure Silicone Shock Oil - 70w  
 G080 Pure Silicone Shock Oil - 80w  
 MR-GEARA MR33 Gear Oil A  
 MR-GEARB MR33 Gear Oil B  
 MR-GEARC MR33 Gear Oil C

**SPEED PACKS**

- CR024 CORE RC - Serrated M4 Steel Wheel Nut pk4  
 CR035 CORE RC - Serrated Alloy M4 Nuts; Blue pk 4  
 CR036 CORE RC - Serrated Alloy M4 Nuts; Purple pk 4  
 CR061 Small Body Clip 1/10 - Silver (8)  
 CR062 Small Body Clip 1/10 - Gold (8)  
 CR063 Small Body Clip 1/10 - Fluorescent Yellow (8)  
 CR064 Small Body Clip 1/10 - Fluorescent Green (8)  
 CR065 Small Body Clip 1/10 - Fluorescent Red (8)  
 CR066 Small Body Clip 1/10 - Metallic Green (8)  
 CR067 Small Body Clip 1/10 - Metallic Red (8)  
 CR069 Small Body Clip 1/10 - Metallic Purple (8)  
 CR071 Big Body Clip 1/10 - Silver (8)  
 CR072 Big Body Clip 1/10 - Gold (8)  
 CR073 Big Body Clip 1/10 - Fluorescent Yellow (8)



**SPEED PACKS CONT....**

- CR074 Big Body Clip 1/10 - Fluorescent Green (8)
- CR075 Big Body Clip 1/10 - Fluorescent Red (8)
- CR076 Big Body Clip 1/10 - Metallic Green (8)
- CR077 Big Body Clip 1/10 - Metallic Red (8)
- CR078 Big Body Clip 1/10 - Metallic Blue (8)
- CR079 Big Body Clip 1/10 - Metallic Purple (8)
- CR081 Extra Long Body Clip 1/10 - Silver (6)
- CR082 Extra Long Body Clip 1/10 - Gold (6)
- CR083 Extra Long Body Clip 1/10 - Fluorescent Yellow (6)
- CR084 Extra Long Body Clip 1/10 - Fluorescent Green (6)
- CR085 Extra Long Body Clip 1/10 - Fluorescent Red (6)
- CR086 Extra Long Body Clip 1/10 - Metallic Green (6)
- CR087 Extra Long Body Clip 1/10 - Metallic Red (6)
- CR088 Extra Long Body Clip 1/10 - Metallic Blue (6)
- CR089 Extra Long Body Clip 1/10 - Metallic Purple (6)
- 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 8pcs
- U1552 SPEED PACK - R Clips
- U1606 SPEED PACK - Servo Tape - 30pk
- U1633 SPEED PACK - Small Pins (pk)
- U1960 SPEED PACK - O Rings; Various
- U2128 SPEED PACK - Grub-Set Screws M3 M4
- U2760 SPEED PACK - M3 Button Hd; 4 to 20
- U2858 SPEED PACK Alloy M3x6 Spacers ;0.5;1;2;3mm - 16pcs
- U3021 SPEED PACK - M3x6 Csk Allen Hi-T
- U3022 SPEED PACK - M3x8 Csk Allen Hi-T
- U3023 SPEED PACK - M3x10 Csk Allen Hi-T
- U3024 SPEED PACK - M3x12 Csk - M3 x 10 Button Screws
- U3131 SPEED PACK Alloy Spacers M3x7mm 0.5;1;2mm (pk18)
- U3168 SPEED PACK - M2.5/M2.6 Screws
- U3754 SPEED PACK - M2.5x10 Csk Hd pk8
- 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 - 16pc

**SPEED SECRET - OPTION PARTS**

- CR110 Alloy Servo Arm; Futaba Purple
- CR111 Alloy Servo Arm; KO/Sanwa Purple
- CR112 Alloy Servo Arm; Futaba Blue
- CR113 Alloy Servo Arm; KO/Sanwa Blue
- CR117 Alloy Servo Arm; Futaba Black
- CR118 Alloy Servo Arm; KO/Sanwa Black
- CR280 Ti Pro Ball Studs - Short - pair
- CR281 Ti Pro Ball Studs - Ultra Short - pair
- CR282 Ti Ball Studs - Long - pair
- CR283 Ti Ball Stud Set - Mi-5
- G868 SPEC-R Gear Differential - Mi4 REAR - Mi5 FRONT
- G869 SPEC-R Replacement Gear Set
- G870 SPEC-R Gear Diff Screw Set (10pcs)
- G871 SPEC-R Gear Diff. Gasket Set (V.11)
- G873 SPEC-R Gear Diff Housing 36T - Mi4
- G874 SPEC-R 0.1mm Shims (10)
- G875 SPEC-R Titanium Gear Diff Pins
- G883 SPEC-R Carbon Internal Gear Set

**SPEED SECRET - OPTION PARTS CONT....**

- G884 Driveshaft Front True CV - Mi4 - pr
- G885 Cross Joint Set for version 2 CV Shaft
- G886 C-Clips for CV Swing Shaft version 2 - 8pcs
- S500B Schumacher BANNER 6x3ft
- U1301 Silicone Diff Lube - Pot
- U1439 Ball Bearing - 5x9x3 Shielded. (pr)
- U1573 Titanium Turnbuckle; purple - 53mm (pr)
- U1576 Titanium Pivot Pin; 25mm (pr)
- U1905 Titanium Turnbuckle; purple - 35mm (pr)
- U1954 Pro - Thrust Bearing
- U1957 Moly Grease - Pot
- U2187 M3 Nyloc Nut - Purple Alloy (pk8)
- U2251 Kwik Klip; 1/8x1.0 and 2.0mm
- U2573 Pro-Diff Screw Set
- U2574 Ball Bearing - 5x9x2.5 Open (pr)
- U2719 Titanium Pivot Pin; 18mm pr
- U2862 Ceramic Bearing - 5x10x4 Shielded (pr)
- U2988 M3 Csk Washers - Purple Alloy (pk10)
- U2996 Race Shock Piston - Trg 3 Hole (pr)
- U3017 Ceramic Bearing - 10x15x4 - Shielded (pr)
- U3019 Diff Balls; Ceramic Nitride 2.5mm (pk12)
- U3126 CNC Pulley and Fences; 20T - Mi4LP
- U3132 Kwik Clips 0.25 and 0.5mm (pk8)
- U3140 Diff Washer; ProSpec - Mi4 (pr)
- U3161 87T 48DP CNC Spur Gear - Mi4
- U3162 89T 48DP CNC Spur Gear - Mi4
- U3163 114T 64DP CNC Spur Gear - Mi4
- U3165 118T 64dp CNC Spur Gear - Mi4
- U3247 70T 48DP CNC Spur Gear - Mi4
- U3248 96T 64dp CNC Spur Gear - Mi4
- U3260 Ti Shock Post - Mi4 pr
- U3269 90T 64DP CNC Spur Gear - Mi4
- U3270 106T 64DP CNC Spur Gear - Mi4
- U3386 Ceramic Bearing - 4x8x3 - Shielded (pr)
- U3387 Ceramic Bearing - 5x9x3 MR95 (pr)
- U3400 66T 48DP CNC Spur Gear - Mi4
- U3490 Alloy Servo Mounts Violet
- U3508 CNC Diff Pulley and Fences; 36T - Mi4LP
- U3560 74T 48DP CNC Spur Gear Mi4
- U3570 Alloy Wheel Hex; Slim+O ring - Mi4LP (pr)
- U3582 Precision Balance Pivot Set
- U3820 Alloy Diff Output; Male - Mi4CX
- U3821 Alloy Diff Output; Female - Mi4CX
- U3833 Driveshafts; Alloy Rear - Mi4CX pr
- U3840 Driveshaft; Alloy Axle Rear - Mi4CX 1pc
- U3841 Driveshaft; Alloy Bone Front - Mi4CX 1pc
- U3842 Driveshaft; Alloy Bone Rear - Mi4CX 1pc
- U4130 Vented Shock Caps - Small Bore - (Pr)
- U4217 Vented Shock Cap Service Kit
- U4230 M3 x 6mm Alloy Button Head Screws pk10
- U4231 M3 x 8mm Alloy Button Head Screws pk10
- U4232 M3 x 10mm Alloy Button Head Screws pk10
- U4233 M3 x 12mm Alloy Button Head Screws pk10
- U4234 M3 x 6mm Alloy Csk Screws pk10

**SPEED SECRET - OPTION PARTS CONT....**

- U4235 M3 x 8mm Alloy Csk Screws pk10
- U4236 M3 x 10mm Alloy Csk Screws pk10
- U4237 M3 x 12mm Alloy Csk Screws pk10
- U4238 M3 x 16mm Alloy Csk Screws pk10
- U4240 Mi-5 - M3 Alloy Screw Set - 78pcs
- U4249 C/F Rear Wishbone 2.0deg - Mi5 - 1pc
- U4258 Front Yokes 6deg - Mi5 - 1pr
- U4271 Front Roll Bar Set - Mi5
- U4272 Rear Roll Bar Set - Mi5
- U4290 Mid Motor Conversion - Mi5
- U4292 C/F Rear Wishbone 2.5deg - Mi5 - 1pc
- U4295 Optional Rear Hub Carrier Arm Set - Mi5
- U4311 C/F Link Mount (3Dink) - Mi5 - 1pc
- U4321 Alloy Wheel Shims - Mi5 - 8pc
- U4322 Bando Mid Motor Front Belt 128T - Mi5
- U4323 Bando Mid Motor Rear Belt 103T - Mi5
- U4324 Mid Motor Topdeck - Mi5
- U4325 Pro Ball Diff - Mi5
- U4326 Titanium Turnbuckle; purple - 30mm (pr)
- U4327 Alloy Servo Mount Black - Cat K1
- U4328 Servo Saver 2013 Spec - Mi5
- U4328 Servo Saver 2013 Spec - Mi5
- U4329 Servo Saver 2013 Mouldings
- U4329 Servo Saver 2013 Mouldings
- U4330 Servo Saver 2013 Springs
- U4330 Servo Saver 2013 Springs
- U4336 Ti Turnbuckle Set - Mi5 (7pc)
- U4337 Extra Body Post Set - Mi5
- U4338 Driveshafts; Alloy Front - Mi5 pr
- U4339 Top Deck End Alloy - Mi5 - 1pc
- U4340 C/F LiPo Stops Mid Belt - Mi5
- U4341 C/F Servo Mount (Servo Saver) - Mi5
- U4342 Ti Shock Rods - Mi-4/Mi-5 - pr

**PINIONS**

- 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
- U3433 Pinion; Hard Alloy 48dp - 33T
- U3434 Pinion; Hard Alloy 48dp - 34T
- U3435 Pinion; Hard Alloy 48dp - 35T
- U3436 Pinion; Hard Alloy 48dp - 36T

**PINIONS CONT....**

- U3437 Pinion; Hard Alloy 48dp - 37T
- U3438 Pinion; Hard Alloy 48dp - 38T
- U3439 Pinion; Hard Alloy 48dp - 39T
- U3440 Pinion; Hard Alloy 48dp - 40T
- U3619 Pinion; Hard Alloy 64dp - 19T
- U3620 Pinion; Hard Alloy 64dp - 20T
- U3621 Pinion; Hard Alloy 64dp - 21T
- U3622 Pinion; Hard Alloy 64dp - 22T
- U3623 Pinion; Hard Alloy 64dp - 23T
- U3624 Pinion; Hard Alloy 64dp - 24T
- U3625 Pinion; Hard Alloy 64dp - 25T
- U3626 Pinion; Hard Alloy 64dp - 26T
- U3627 Pinion; Hard Alloy 64dp - 27T
- U3628 Pinion; Hard Alloy 64dp - 28T
- U3629 Pinion; Hard Alloy 64dp - 29T
- U3630 Pinion; Hard Alloy 64dp - 30T
- U3631 Pinion; Hard Alloy 64dp - 31T
- U3632 Pinion; Hard Alloy 64dp - 32T
- U3633 Pinion; Hard Alloy 64dp - 33T
- U3634 Pinion; Hard Alloy 64dp - 34T
- U3635 Pinion; Hard Alloy 64dp - 35T
- U3636 Pinion; Hard Alloy 64dp - 36T
- U3637 Pinion; Hard Alloy 64dp - 37T
- U3638 Pinion; Hard Alloy 64dp - 38T
- U3639 Pinion; Hard Alloy 64dp - 39T
- U3640 Pinion; Hard Alloy 64dp - 40T
- U3641 Pinion; Hard Alloy 64dp - 41T
- U3642 Pinion; Hard Alloy 64dp - 42T
- U3644 Pinion; Hard Alloy 64dp - 44T
- U3646 Pinion; Hard Alloy 64dp - 46T
- U3648 Pinion; Hard Alloy 64dp - 48T
- U3650 Pinion; Hard Alloy 64dp - 50T

**TOOLS**

- 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
- ED180001 Graphite Flat Set-Up Board for 1/12 & 1/10 On-Road
- ED181001 Chassis Droop Gauge Blocks 10mm for 1/10 - (2)
- ED181004 Chassis Droop Gauge 3-10mm for 1/10 Cars (10mm)
- ED181007 Ultra-Fine Chassis Droop Gauge 4.0-6.6mm
- ED181008 Ride Height Gauge - 0mm - 15mm (Beveled)
- ED181009 Quick Downstop Gauge Tool - 1.0 - 6.5mm
- ED181012 Alu Set-Up Wheels (4)
- ED190012 Reamer with Protection Cap for Body - 14mm
- ED290801 Specialized Tool Set for 1/10 EP with Alloy Case
- H1026 Ride Height Gauge; Purple Alloy; 0-10mm
- H1027 Droop Gauge Set; Purple Alloy - Touring
- H1032 Alloy Camber Gauge - 1/10th



**TOOLS CONT....**

H1055 GT85 Lube and Clean Aerosol 400ml  
 H1056 Loctite 243 Thread Lock  
 H1057 Loctite Precision Super Glue - 5g  
 NR95120 Ultimate Cleaner Spray  
 U2075 Camber and Ride Height Gauges - C/C  
 U2100 Set Up Wheels;Camber and Toe In-SST  
 U2789 Schumacher Hex Driver - 1.5mm  
 U2790 Schumacher Hex Driver - 2.0mm  
 U2791 Schumacher Hex Driver - 2.5mm  
 U2792 Schumacher Hex Driver - 3.0mm  
 U2795 Schumacher M3 Nut Driver  
 U2796 Schumacher M4 Nut Driver  
 U2818 Schumacher Body Reamer  
 U3582 Precision Balance Pivot Set  
 U4229 Steel Spanner - 5.5mm/3.9mm  
 U4315 C/F Lipo/Roll Bar Block Tool - Mi5

**1-10 TOURING WHEELS**

NR95075 NOSRAM VTEC Wheelsticker Racing 10 spoke  
 NR95076 NOSRAM VTEC Wheelsticker Multi spoke  
 U2500 Rev-Lite; 24mm - White (Pk4)  
 U2777 Rev-Lite; Flex 24mm - White (Pk4)  
 U3792 Rev-Lite wheel Std; 20mm - White (Pk4)

**1-10 TOURING TYRES AND INSERTS**

NR95031 VTEC CPX; Pre-Glued Carpet (4 pcs.)  
 NR95034 VTEC 30X; Pre-Glued Asphalt (4 pcs.)  
 NR95035 VTEC 33X; Pre-Glued Asphalt (4 pcs.)  
 NR95055 VTEC Rain Dunlop D20 Radial D20 pr  
 U6623 SST Mini Pins 24/25 - Blue (pr)  
 U6624 SST Mini Pins 24/25 - Yellow (pr)  
 U6627 SST Foam Tyre Insert - 24/25 Hard (pr)  
 U6628 SST Foam Tyre Insert - 24/25 Comp (pr)  
 U6629 SST Rally 24/25 - Yellow (pr)  
 U6630 SST Rally 24/25 - White (pr)  
 U6635 SST Foam Tyre Insert - 20 Hard (pr)  
 U6670 SST Mini Pins 20 - Blue (pr)  
 U6671 SST Mini Pins 20 - Yellow (pr)  
 U6672 SST Belted Slick 25 - White (pr)  
 U6690 SST Carpet Dragon 24/25mm (pr)  
 U6716 SST Mini Pins 24/25 - Green (pr)  
 U6717 SST Mini Pins 20 - Green (pr)  
 U6758 Moulded Insert; Yellow - Touring (pr)  
 U6764 JB Foam Inserts (pr)  
 U6780 Moulded Insert: Red - Touring (pr)

**SOREX - TOURING CAR TYRES**

XCO-20R Sorex Competition Tyre - 20R  
 XCO-24R Sorex Competition Tyre - 24R  
 XCO-28R Sorex Competition Tyre - 28R  
 XCO-32R Sorex Competition Tyre - 32R  
 XCO-36R Sorex Competition Tyre - 36R  
 XCO-40R Sorex Competition Tyre - 40R  
 XG-24RY Sorex Glued 24R+Yellow+Revlite24 pk4  
 XG-28JB Sorex Glued 28R+JB+Revlite24 pk4  
 XG-32JB Sorex Glued 32R+JB+Revlite24 pk4  
 XG-32RY Sorex Glued 32R+Yellow+Revlite24 pk4 BRCA  
 XG-36SR Sorex Glued 36R+Red+Stiff Light pk4  
 XG-36SY Sorex Glued 36R+Yellow+Stiff Light pk4

**TYRE ADDITIVE**

C180101 CS Competition Grip Additive  
 C6400 CS High Grip Additive  
 C6431 CS Tire Clean Fix  
 C6440 CS Tire MAX Grip  
 C6460 CS Speed Grip Carpet  
 G862 Kimwipes S-200 - Tyre Warmer Tissue  
 MR0001 Marc Rheinard Outdoor Additive  
 NR96010 Traction additive carpet  
 NR96020 Traction additive asphalt

**BATTERIES**

CR005 CORE RC Battery Tape - Black  
 CR006 CORE RC Battery Tape - Blue  
 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  
 CR037 CORE RC - Battery Tape - Purple  
 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  
 CR056 Balance Charge Lead; JST to 2mm Male 7.4v  
 CR059 CORE RC - Safe Charge Pouch 23x30cm  
 CR115 CORE RC Silicone Wire 12g - Red/Black/Blue 3x50cm  
 CR121 Heatshrink 3.0mm dia Black - 20pcs  
 CR122 Heatshrink 4.0mm dia Black - 20pcs  
 CR123 Heatshrink 5.0mm dia Black - 20pcs  
 CR124 Heatshrink 6.0mm dia Black - 20pcs  
 CR125 Heatshrink 6.0mm dia Red - 20pcs  
 CR127 Heatshrink 8.0mm dia Black - 12pcs  
 CR128 Heatshrink 10.0mm dia Black - 12pcs  
 CR129 Heatshrink 12.0mm dia Black - 12pcs  
 CR158 CORE RC - 4000mAh 7.4v 20C/40C LiPo  
 CR159 Core RC - Battery Tape - Orange  
 CR170 CORE RC Lipo Locker - 17 x 8 x 7cm  
 GM98973 LiFe Battery V-Maxx 35C 2S2P/4000 6.6 G3  
 GM99018 Lipo Battery V-Maxx 70C 2S2P/6800 7.4v G  
 MR-SB MR33 Lipo Bag  
 NR95805 NOSRAM LiPo Hardcase balancing adapter  
 NR999500 Lipo 7200 Big Mama X-treme Race H/Case 50C-7.4V  
 NR999501 Lipo 7000 X-treme Race H/Case 55C-7.4V  
 NR999504 Lipo 4500 X-treme Race Short H/Case 55C-7.4V  
 NR99955 Hardcase 30C Lipo Power Pack 3200 - 7.4V EPH  
 NR99956 Hardcase 30C Lipo Power Pack 4600 - 7.4V EPH  
 NR99957 Nosram 30C Lipo Power Pack 3800-7.4V-East Plug H/c  
 NR99982 LiPo TX-Pack 3600/11.1v Sanwa M11/MX-3-Futaba 3PK  
 SFE1891F Tx Battery; Futaba 3PK+JR-1800mah 9.9v 1C LiFe  
 SFE2361F Tx Battery; Futaba 4PK+JR-2400mah 6.6v 1C LiFe  
 TP2700-2SSR35D Thunder Power Lipo 2700mAh 2S - 7.4V -35C/70C  
 TP3300-2SPR65D Thunder Power Lipo 3300mAh 2S - 7.4V - 65C/130C  
 TP3300-2SSR35D Thunder Power Lipo 3300mAh 2S - 7.4V - 35C/70C  
 TP3800-2SPR65S Thunder Power Lipo 3800mAh 2S shorty - 65C/130C



**BATTERIES CONT....**

TP4300-2SPR65D Thunder Power Lipo 4300mAh 2S - 7.4V - 65C/130C  
 TP4300-2SSR35D Thunder Power Lipo 4300mAh 2S - 7.4V - 35C/70C  
 TP4P10E Thunder Power 4 Pin Balance connector 10Extension\*  
 TP4P8 TP 4 Pin Balance Connector 8 Colour Coded Wires\*  
 TP5300-2SPR65B Thunder Power Lipo 5300mAh 2S - 7.4V - 65C/130C  
 TP5300-2SPR65D Thunder Power Lipo 5300mAh 2S - 7.4V - 65C/130C  
 TP5400-2SSR35D Thunder Power Lipo 5400mAh 2S - 7.4V - 35C/70C  
 TP6000-2SPR65B Thunder Power Lipo 6000mAh 2S - 7.4V - 65C/130C  
 TP6600-2SSR35D Thunder Power Lipo 6600mAh 2S - 7.4V - 35C/70C  
 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  
 TP8000-2SSR35D Thunder Power Lipo 8000mAh 2S - 7.4V - 35C/70C  
 TPLSBL Thunder Power Lipo Charge Bag Large 9 x 12\*\*  
 TPLSBS Thunder Power Lipo Charge Bag Small 7 x 8" x 5\*\*

**BRUSHLESS SPEEDCONTROLS**

CR173 PACE 45R Brushless ESC 1s/2s  
 CR174 PACE 45R Programming Card  
 GM97168.B GM-Genius 120 with Boost 3.7 - 7.4V  
 NR90100 Matrix Brushless Reverse  
 NR90410 Nosram Single BL Speed Control  
 NR90430 NOSRAM One Brushless ESC  
 NR90450 Evil Brushless Power Reverse  
 NR90960 Comet EVO Brushless Speed Control  
 NR90970 Comet HD Brushless Speed Control  
 NR90999 Pearl Upgrade Kit -Mod + Stock  
 SP000010 Reventon-S ESC - 2S - Blue  
 SP000043 Reventon-R ESC - 2S - Orange  
 SP000048 Reventon Stock Club Race ESC Black  
 SP000060 Reventon-S ESC - 2S - Orange  
 SP000061 Reventon-S ESC - 2S - Black  
 SP000062 Reventon-S ESC - 2S - Silver  
 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  
 SPEXT98802B Speed Passion GT V2.0 ESC - Blue  
 SPEXT98802LPB Speed Passion LPF V2.0 ESC - Blue  
 SPEXT98802LPF Speed Passion LPF V2.0 ESC - Carbon Look  
 SPEXT98802PRO Speed Passion GT V2.0 ESC - Carbon Look  
 SPEXT98802S Speed Passion GT V2.0 ESC - Silver  
 SPEXT98802SB GT V2.1 ESC Pro Stock Edition - Blue Edition  
 SPEXT98802SCB GT V2.1 ESC Pro Stock Edition - Black edition

**BRUSHLESS ESC and MOTOR COMBO**

SP000053 Cirtix Stk Club Race+Ultra S/Man 17.5T V3.0 Combo  
 SP000054 Cirtix Stk Club Race+Ultra S/Man 21.5T V3.0 Combo  
 SP000055 Cirtix Stk Club Race+Ultra S/Man 25.5T V3.0 Combo  
 SP000193 Reventon-R ESC-2S-Silver Comp V3.0-10.5R Combo  
 SP000194 Reventon-R ESC-2S-Silver Comp V3.0-13.5R Combo  
 SP000195 Reventon-R ESC-2S-Silver Comp V3.0-17.5R Combo  
 SP000200 Reventon Stock Club Race 10.5 Combo Comp V3 Motor  
 SP000201 Reventon Stock Club Race 13.5 Combo Comp V3 Motor  
 SP000202 Reventon Stock Club Race 17.5 Combo Comp V3 Motor  
 SP000203 Reventon Stock Club Race 21.5 Combo Comp V3 Motor  
 SP000208 Reventon Stk Clb Rce 13.5R Combo V3 Fix Trng Motor  
 SP000209 Reventon Stk Clb Rce 17.5 Combo V3 Fix Trng Motor

**BRUSHLESS ESC and MOTOR COMBO CONT....**

SPPRO105MMM Reventon-Pro ESC Grey V3.0 MMM 10.5R Combo  
 SPPRO105V3 Reventon-Pro ESC Grey-V3.0-10.5R Combo  
 SPPRO135MMM Reventon-Pro ESC Grey V3.0 MMM 13.5R Combo  
 SPPRO135V3 Reventon-Pro ESC Grey-V3.0-13.5R Combo  
 SPPRO175MMM Reventon-Pro ESC Grey V3.0 MMM 17.5R Combo  
 SPPRO215MMM Reventon-Pro ESC Grey V3.0 MMM 21.5R Combo  
 SPPRO35MMMReventon-Pro ESC Grey V3.0 MMM 3.5R Combo  
 SPPRO40MMMReventon-Pro ESC Grey V3.0 MMM 4.0R Combo  
 SPPRO45MMMReventon-Pro ESC Grey V3.0 MMM 4.5R Combo  
 SPPRO50MMMReventon-Pro ESC Grey V3.0 MMM 5.0R Combo  
 SPPRO55MMMReventon-Pro ESC Grey V3.0 MMM 5.5R Combo  
 SPPRO55V3 Reventon-Pro ESC Grey-V3.0-5.5R Combo  
 SPPRO65V3 Reventon-Pro ESC Grey-V3.0-6.5R Combo  
 SPPRO75V3 Reventon-Pro ESC Grey-V3.0-7.5R Combo  
 SPPRO85V3 Reventon-Pro ESC Grey-V3.0-8.5R Combo

**BRUSHLESS ACCESSORIES**

CR133 Core Sensor Lead; 80mm  
 CR134 Core Sensor Lead; 180mm  
 GM2894.15 GM Lead; Genius ESC to Rx  
 GM2894.4 GM Sensor Lead; GM ESC 10cm  
 GM2894.9 Sensor Adaptor Cable - Gm-Evo2/Novak-M  
 GM7168.6 GM Genius USB Programming Set  
 GM97268.1 GM Rotor; 12.4mm EFRA Stock Spec  
 GM97286.3 GM Sintered Rotor; 12.5mm  
 GM97286.4 GM Sensor Lead; STD ESC 180mm  
 GM97289.1N GM Sensor Board  
 NR90608 Storm BL - Ceramic Ball Bearing R166  
 NR90610 Storm BL - Comp Sintered Rotor  
 NR90611 Storm BL - Sintered Rotor 12.5mm  
 NR90612 Storm BL - Sintered Rotor 13mm  
 NR90613 Storm BL - Sintered Rotor 12.3mm  
 NR90616 Storm Evo Xtreme cooling frontcover  
 NR90617 Storm Evo Xtreme cool fr cover; thin  
 NR90618 Storm Evo Xtreme cooling backplate  
 NR90619 Storm Evo BL Small parts set  
 NR90631 PURE MR104 Ceramic BB (pr)  
 NR90632 PURE Small Parts Set  
 NR90633 PURE Sensor Assembly  
 NR90635 PURE Evo Light Alloy Front Hsg  
 NR90636 PURE Evo Alloy End Cover  
 NR90637 PURE Evo 694ZZ Ball Bearings (2 pcs)  
 NR90639 Pure Evo Spec Racing 1S Lipo Tuning Rotor  
 NR90641 PURE Sintered Rotor - 12.5mm  
 NR90643 PURE Evo Stock Sintered Rotor  
 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  
 NR92505 Powerwire Set Matrix  
 NR92512 Cooling Fan; Low Profile - Include Mounting Screws  
 NR92515 Nosram Motor Fan (30x30) + Alum Mnt Clamp  
 NR925307 NOSRAM Sensor Wire HighFlex 70mm



**BRUSHLESS ACCESSORIES CONT....**

NR92531 Pearl Power Capacitor 6-7.4v  
 NR925315 NOSRAM Sensor Wire HighFlex 150mm  
 NR925320 NOSRAM Sensor Wire HighFlex 200mm  
 NR92591 NOSRAM Hardcore Motor Cooler  
 NR92820 Ultimate Accessory Set  
 NR92825 Replacement Wire Set Razor  
 SP000004 Reventon Capacitor 4S  
 SP000005 Reventon Capacitor 2S  
 SP000007 Multi 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  
 SP13835ER1 SP Rotor 3.5T; Euro R Hi Power 12.5mm  
 SP138MS105 10.5R Stator for Competition Version 3.0 Motor  
 SP138MS135 13.5R Stator for Competition Version 3.0 Motor  
 SP138MS175 17.5R Stator for Competition Version 3.0 Motor  
 SP138MS215 21.5R Stator for Competition Version 3.0 Motor  
 SP162801 SP - Sensor Cable 180mm  
 SP162802 SP - Sensor Cable 90mm  
 SP162810 SP - HiPower Solder Post; 3pcs  
 SP162820 SP - HiPower Connector; V3.0 Motors 3pcs  
 SP1EB01 SP Endbell; Fixed Timing V3.0  
 SPAMSSC3M SP - Super Capacitor 3 Farads 6 Volt rated  
 SPCBB138238 SP - Ceramic Motor Bearing  
 SPSB428 Sensor unit with Team protect for V3.0 motor  
 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 1/8x3/8x5/32 (2pcs)S/M540\*  
 TPM-P1005 Thunder Power Sensor Unit w/Std Bearing S/M540/550  
 TPM-P1007 Thunder Power Outer Can/Case w/Screws S/M 540  
 TPM-P1008 Thunder Power Timing Cap w/Screws S/M540/550  
 TPM-P1010 Thunder Power Sensor 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 Gm  
 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-S540A030Thunder Power 3.0T Modified 540 Stator  
 TPM-S540A035Thunder Power 3.5T Modified 540 Stator  
 TPM-S540A040Thunder Power 4.0T Modified 540 Stator  
 TPM-S540A045Thunder Power 4.5T Modified 540 Stator  
 TPM-S540A050Thunder Power 5.0T Modified 540 Stator  
 TPM-S540A055Thunder Power 5.5T Modified 540 Stator  
 TPM-S540A060Thunder Power 6.0T Modified 540 Stator  
 TPM-S540A065Thunder Power 6.5T Modified 540 Stator  
 TPM-S540A075Thunder Power 7.5T Modified 540 Stator  
 TPM-S540A085Thunder Power 8.5T Modified 540 Stator  
 TPM-S540A095Thunder Power 9.5T Modified 540 Stator  
 TPM-S540A105Thunder Power 10.5T Stock Spec 540 Stator  
 TPM-S540A135Thunder Power 13.5T Stock Spec 540 Stator  
 TPM-S540A175Thunder Power 17.5T Stock Spec 540 Stator  
 TPM-S540A215Thunder Power 21.5T Stock Spec 540 Stator

**BRUSHLESS MOTORS**

GM97279 GM Pro 9T Delta Wind BL Motor  
 GM97283.5 GM Pro 3.5T Star Wind BL Motor  
 GM97284 GM Pro 4T Star Wind BL Motor  
 GM97284.5 GM Pro 4.5T Star Wind BL Motor  
 GM97287 GM Pro 7T Delta Wind BL Motor  
 GM97288 GM Pro 8T Delta Wind BL Motor  
 GM97361 Brushless GM PRO 21.5T Metal  
 GM97404 GM Race BL Motor 4.5T  
 GM97405 GM Race BL Motor 5.5T  
 NR90540 Dragon BL Sport Modified 15.5T  
 NR90550 Cobra Brushless Motor - 6.5T  
 NR90555 Cobra Brushless Motor - 10.5T  
 NR90648 Nosram Pure 2 BL - 10.5T  
 NR90649 Nosram Pure 2 BL - 9.5T  
 NR90664 Nosram Pure 2 BL - 7.5T  
 NR90684 Nosram Pure 2 BL - 5.5T  
 NR90689 Nosram Pure 2 BL - 5.0T  
 NR90693 PURE Evolution BL - 4.5t OCTA WIND  
 NR90694 Nosram Pure 2 BL - 4.5T  
 NR90702 PURE Evolution BL - 4.0t  
 NR90703 PURE Evolution BL - 4.0t Octa Wind  
 NR90704 Nosram Pure 2 BL - 4.0T  
 NR91831 PURE Evo Stock 10.5T  
 NR91834 Nosram Pure 2 BL - Spec Racing Motor - 10.5T  
 NR91841 PURE Evo Stock 13.5T  
 NR91844 Nosram Pure 2 BL Spec Racing Motor - 13.5T  
 NR91854 Nosram Pure 2 BL Spec Racing Motor - 17.5T  
 SP000035 1/10 Competition MMM Series 3.5R BL Motor  
 SP000036 1/10 Competition MMM Series 4.5R BL Motor  
 SP000037 1/10 Competition MMM Series 10.5R BL Motor  
 SP000038 1/10 Competition MMM Series 13.5R BL Motor  
 SP000039 1/10 Competition MMM Series 17.5R BL Motor  
 SP000040 1/10 Competition MMM Series 21.5R BL Motor  
 SP000148 1/10 Competition MMM Series 5.0R BL Motor  
 SP000149 1/10 Competition MMM Series 5.5R BL Motor  
 SP000151 1/10 Competition MMM Series 4.0R BL Motor  
 SP138105V3 Speed Passion V3.0 Comp BL Motor; 10.5T  
 SP138135V3 Speed Passion V3.0 Comp BL Motor; 13.5T  
 SP138175V3 Speed Passion V3.0 Comp BL Motor; 17.5T  
 SP13835V3 Speed Passion V3.0 Comp BL Motor; 3.5T  
 SP13840V3 Speed Passion V3.0 Comp BL Motor; 4.0T  
 SP13845V3 Speed Passion V3.0 Comp BL Motor; 4.5T  
 TPM-540A030 Thunder Power 3.0T Modified 540 BL Motor  
 TPM-540A035 Thunder Power 3.5T Modified 540 BL Motor  
 TPM-540A040 Thunder Power 4.0T Modified 540 BL Motor  
 TPM-540A045 Thunder Power 4.5T Modified 540 BL Motor  
 TPM-540A050 Thunder Power 5.0T Modified 540 BL Motor  
 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 MOTORS CONT....**

TPM-540A105 Thunder Power 10.5T Stock Spec 540 BL Motor  
 TPM-540A135 Thunder Power 13.5T Stock Spec 540 BL Motor  
 TPM-540A175 Thunder Power 17.5T Stock Spec 540 BL Motor  
 TPM-540A215 Thunder Power 21.5T Stock Spec 540 BL Motor

**CHARGERS AND DISCHARGERS**

CR031 UDC Charger Connector Set  
 CR114 UDC Balance Adaptor Set JST-XH to JST-EH 2-6S  
 CR149 Power Cable UAC40-50; USA-Cloverleaf  
 CR150 Power Cable UAC40-50; Europe - Cloverleaf  
 CR161 UAC50 Charger 12v/110-240v 6A  
 CR176 T Connector Female to EC3 Male Lead  
 G834 Charger 240v UK; 7.2Tx/Croc 1.2-12v  
 GM3075.GB2S BSI Conv Plug; EU2-UK3 2.5A  
 GM6460 Power Supply 12v 25 Amp  
 GM6464 Ultramat 14 Mains/12v Charger  
 GM6468.GB Ultramat 16S + 3076  
 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 Hi/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

**ELECTRONICS**

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  
 CR156 Servo 3.5kg 0.17 sec  
 CR162 CORE RC Sensor Checking Widget  
 ED199502 EDS Ultra Bright L.E.D. Light Stand  
 GM6458 Power Supply 5-15v 0-15Amp  
 GM6459 Power Supply 5-15v 0-20Amp  
 GM7987 Servo HBS 790 BB, MG  
 GM7990 Servo HBS 860 BB, MG  
 GM7991 Servo HBS 870 BB, MG  
 GM91539.M Power Cap 470uF 16v Anti Glitch  
 GM94050 GM Servo SLP High Voltage Brushless  
 GM94051 GM Servo SST High Voltage Brushless  
 GM94411 GM Soldering Station 90W ESD  
 GM968.50 GM Wet Protect - Aerosol

**TEAM MERCHANDISE**

ED199206 EDS Pit Towel 110 x 70cm  
 G310 Schumacher Rubber Pit Mat - 750mm x 500mm  
 G337 Coffee Mug - Schumacher Logo

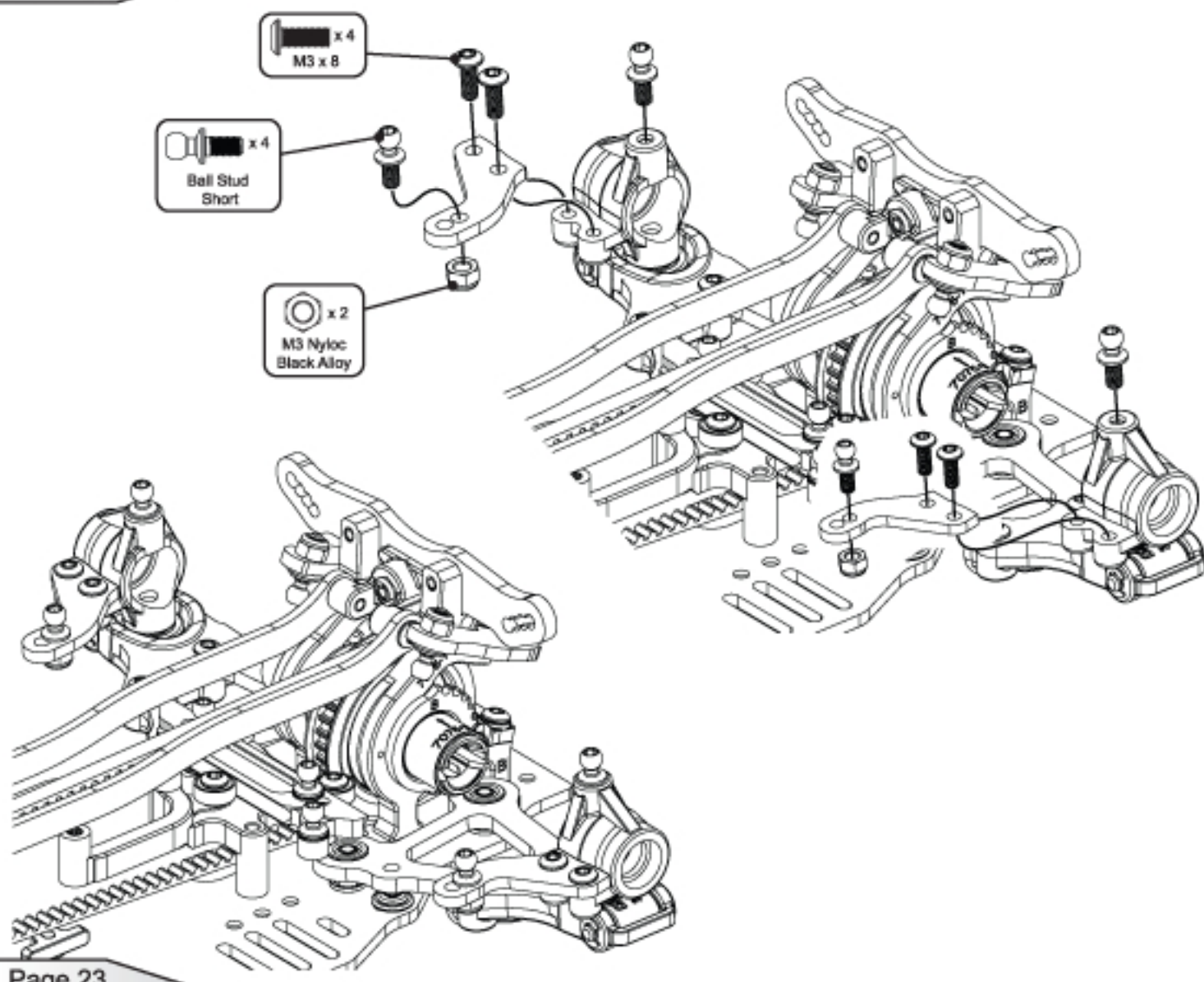
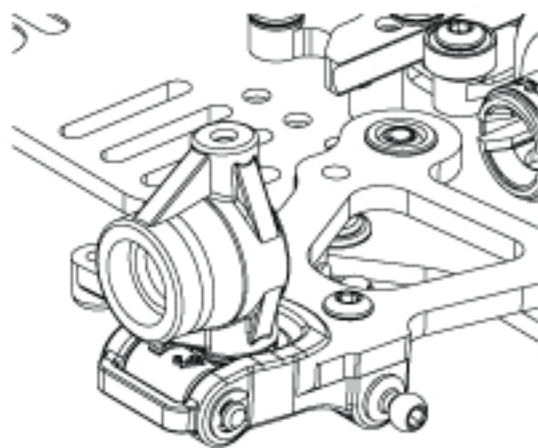
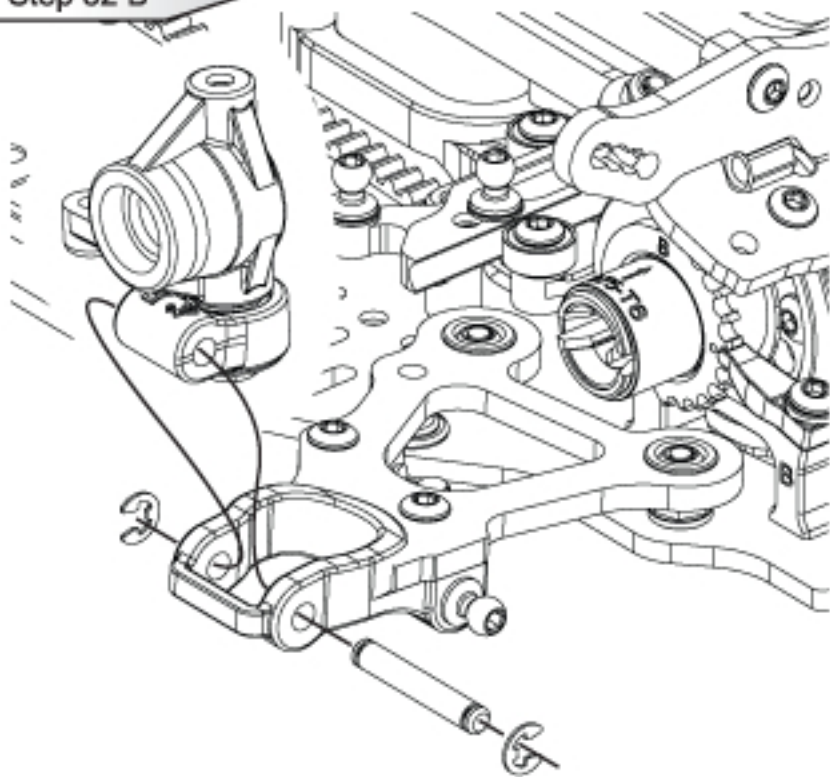
**TEAM MERCHANDISE CONT....**

G338 2 Tone Beanie Knitted Hat  
 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  
 NR96398 Nosram Pit Towel 2

**GENERAL ACCESSORIES**

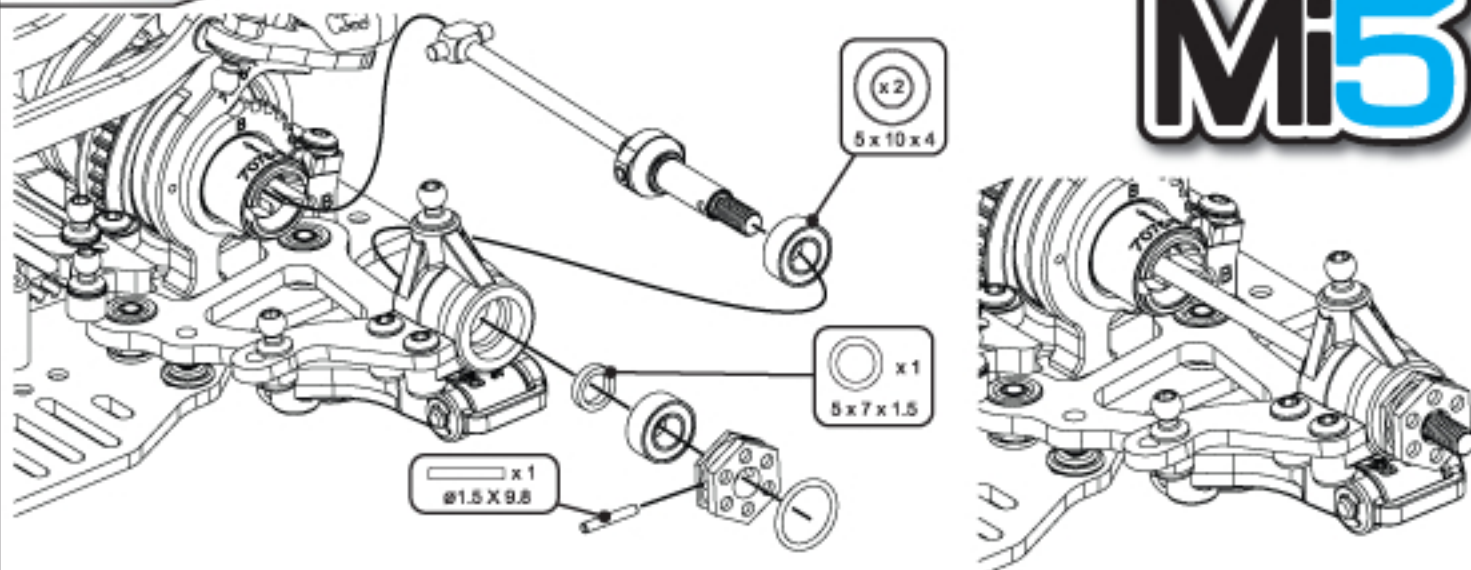
CR043 CORE RC - Silver X-Weights 16pcs  
 CR058 CORE RC - Black X-Weights 16pcs  
 CR119 Heatshrink 1.5mm dia Black - 20pcs  
 CR120 Heatshrink 2.0mm dia Black - 20pcs  
 MR-CSONROAD MR33 Car Stand On Road



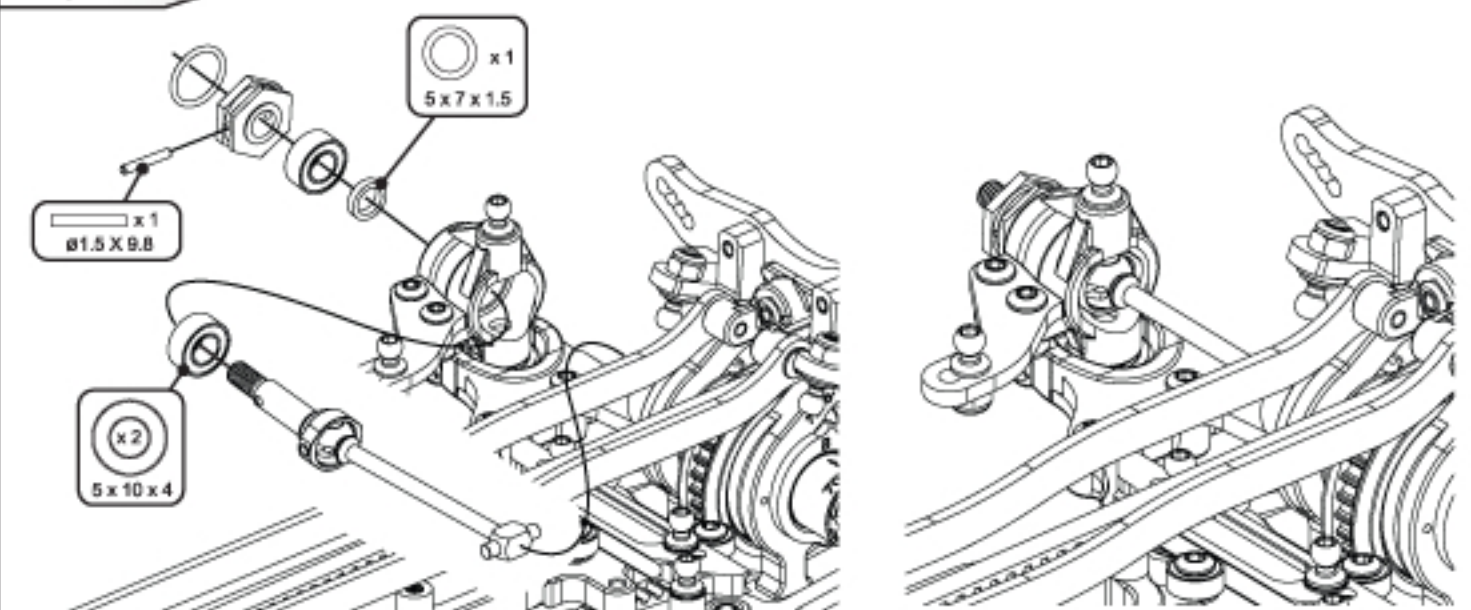


Step 34 A

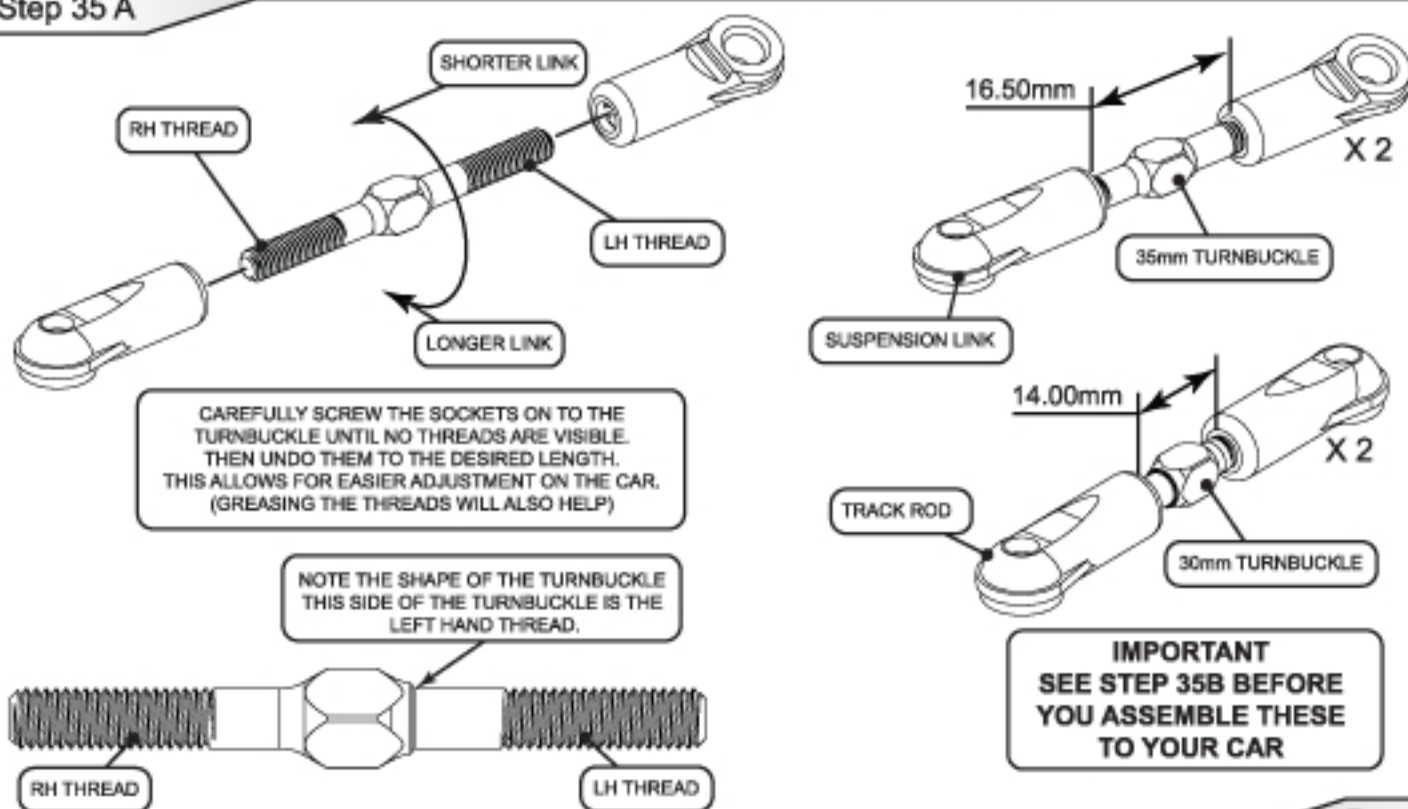
# Mi5



Step 34 B

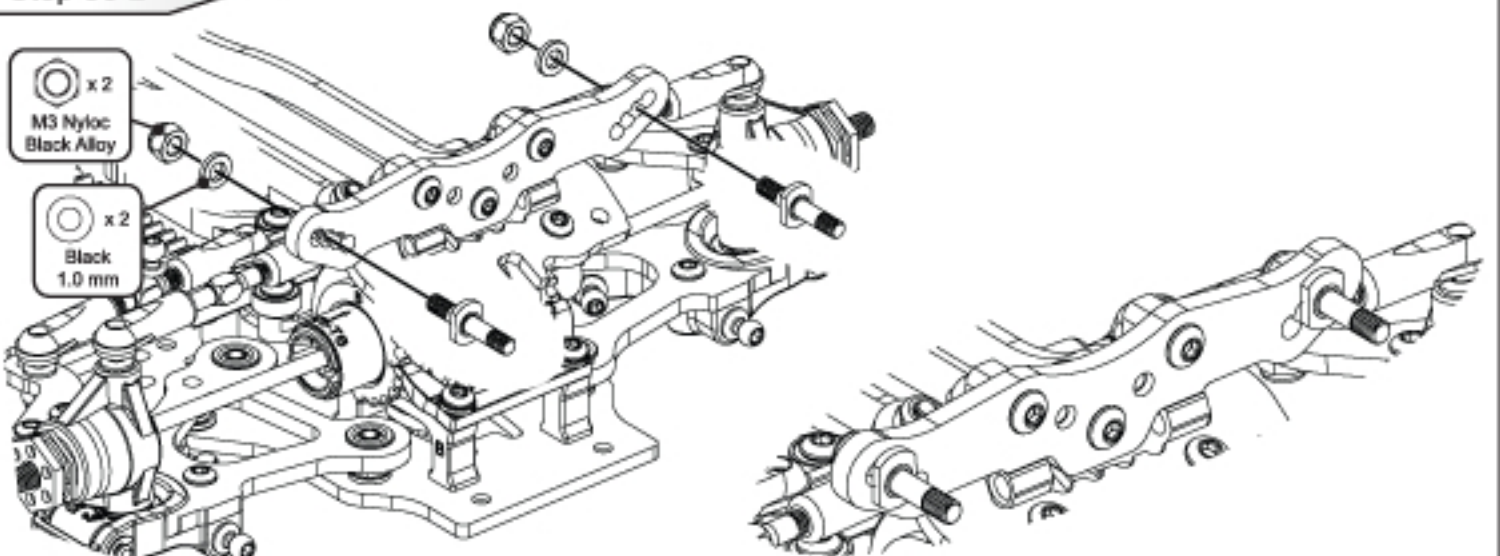
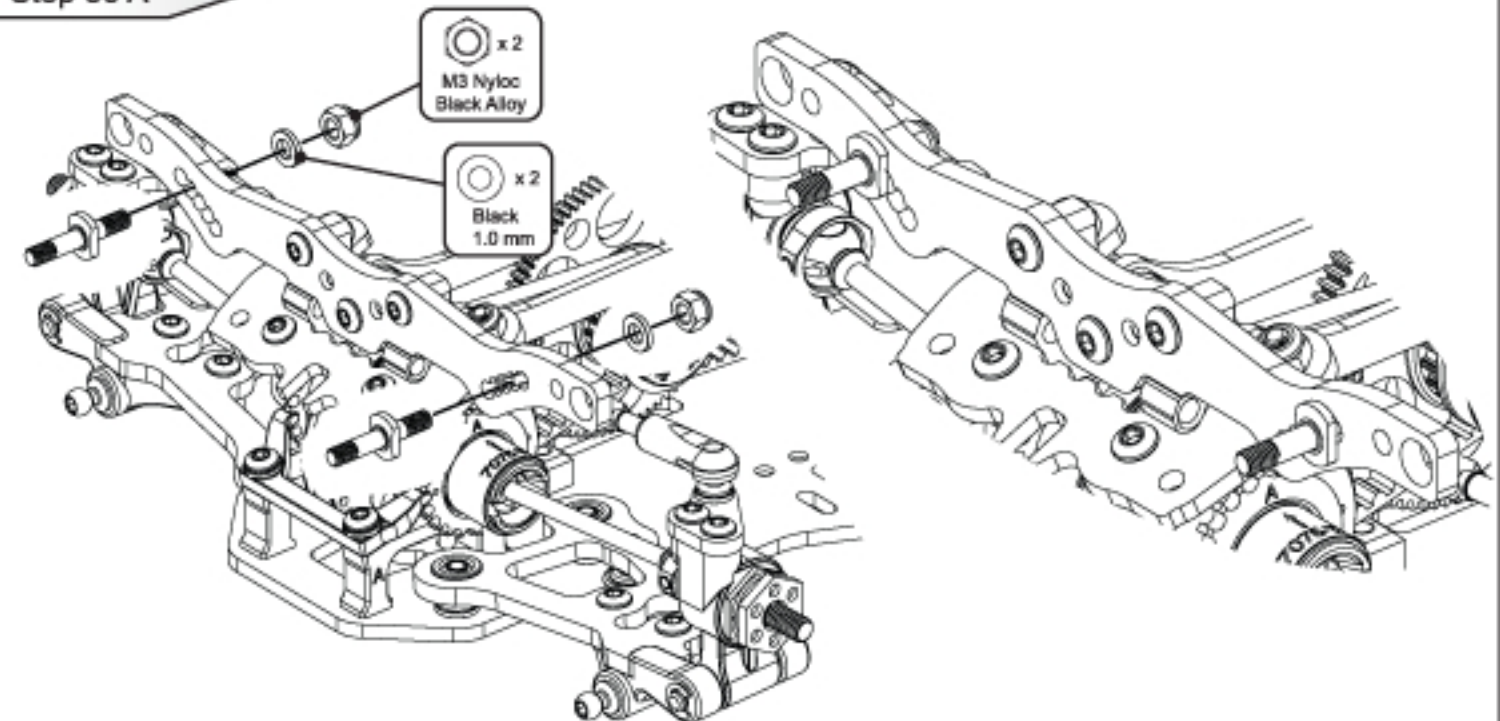
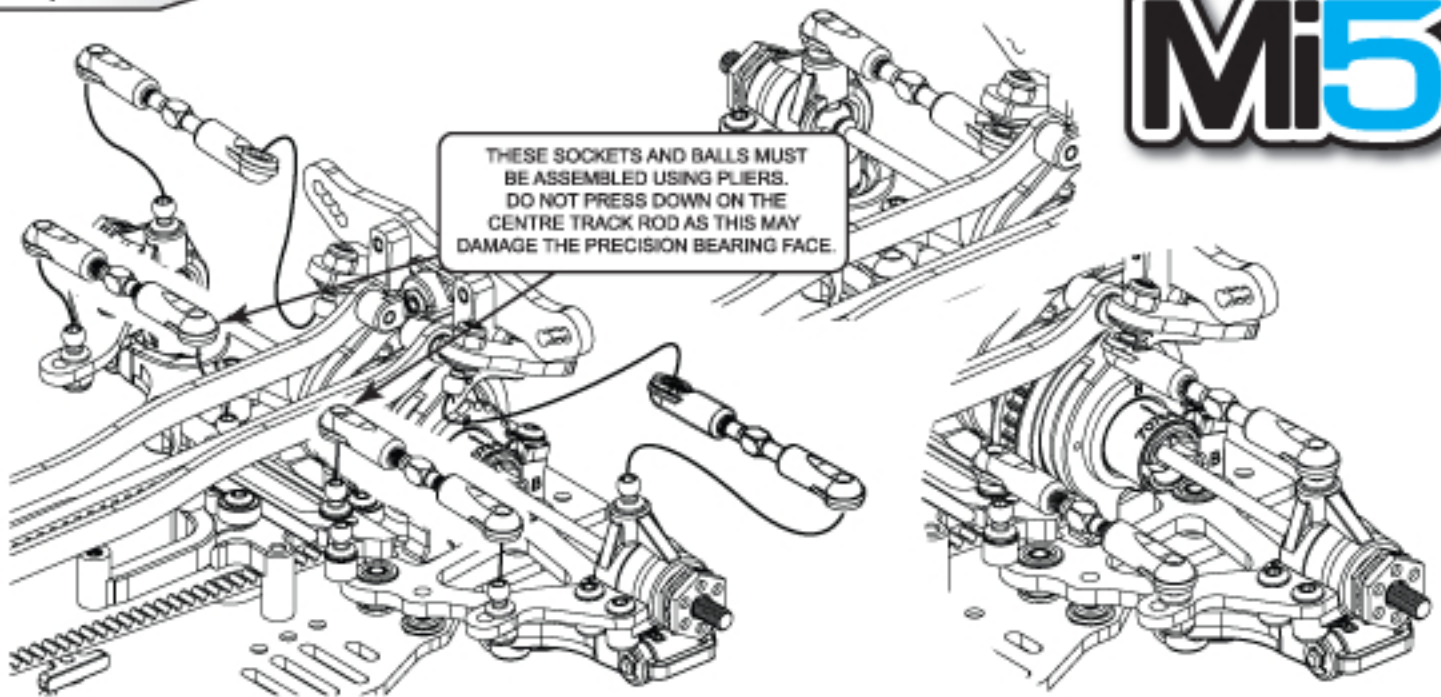


Step 35 A



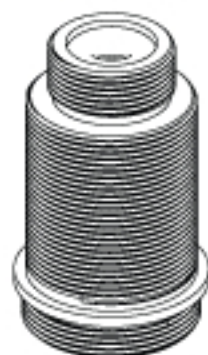
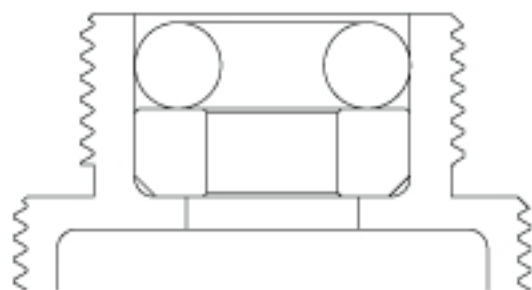
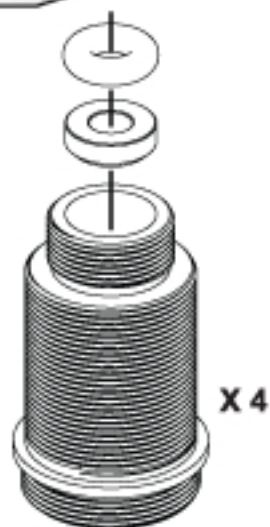


THESE SOCKETS AND BALLS MUST BE ASSEMBLED USING PLIERS.  
DO NOT PRESS DOWN ON THE  
CENTRE TRACK ROD AS THIS MAY  
DAMAGE THE PRECISION BEARING FACE.

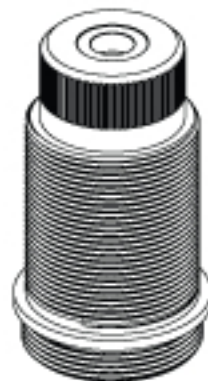
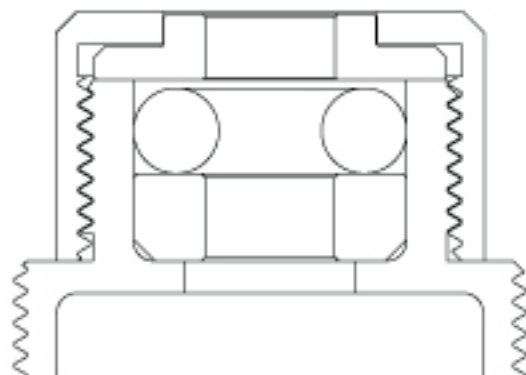
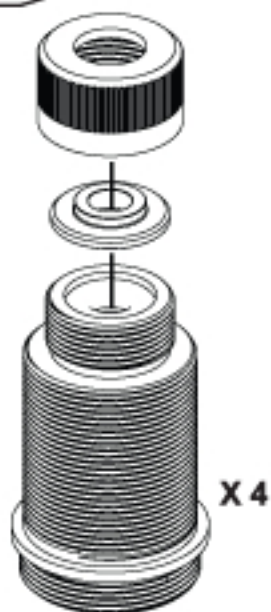


Step 37

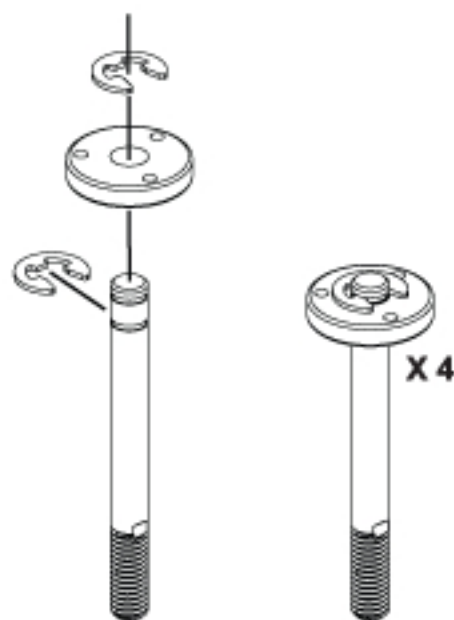
Mi5



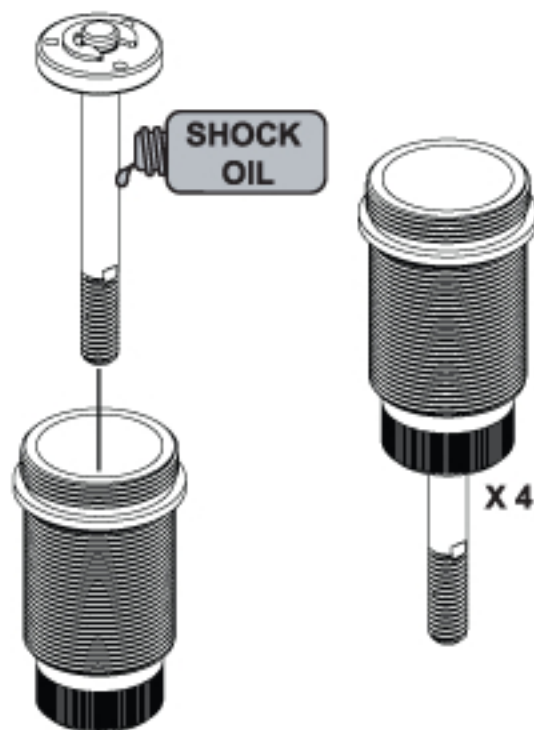
Step 38



Step 39 A

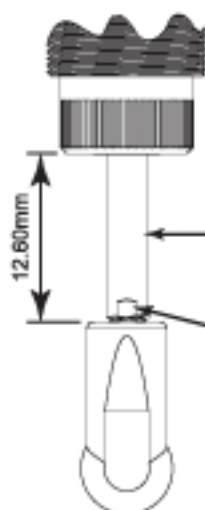
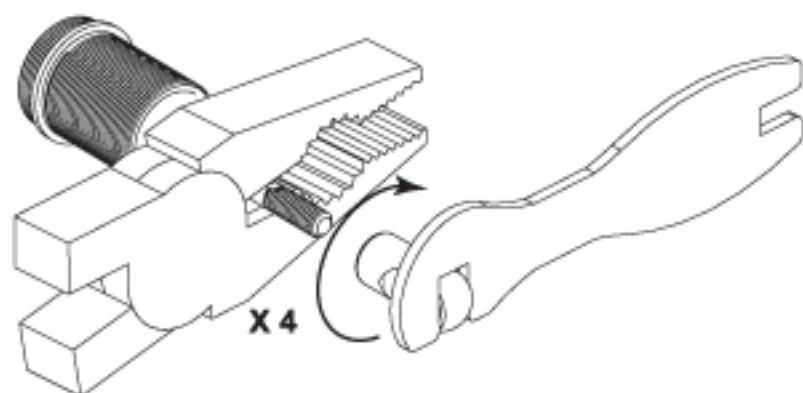


Step 39 B





Step 40 A



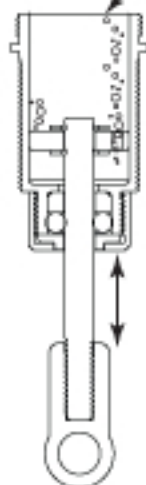
# Mi5

BE CAREFUL NOT TO  
DAMAGE THE POLISHED  
SHOCK ROD

Step 40 B



FILL SLOWLY WITH SHOCK OIL UNTIL LEVEL WITH TOP.  
MOVE PISTON UP AND DOWN SLOWLY TO  
ALLOW ALL AIR BUBBLES TO RISE AND DISAPPEAR.

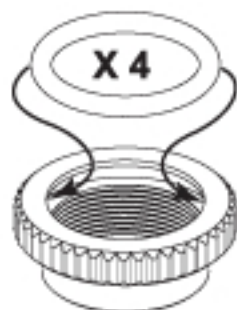
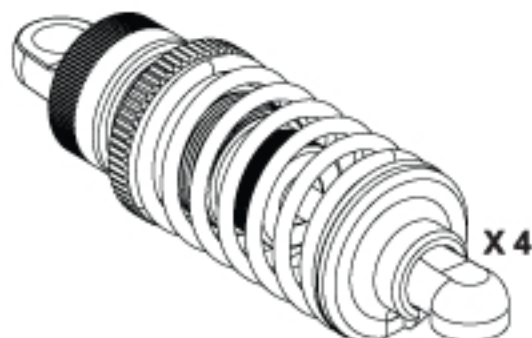


ADJUST THIS DISTANCE (X)  
TO SUIT THE AMOUNT  
OF REBOUND YOU WANT.  
BIGGER DISTANCE = MORE REBOUND

X

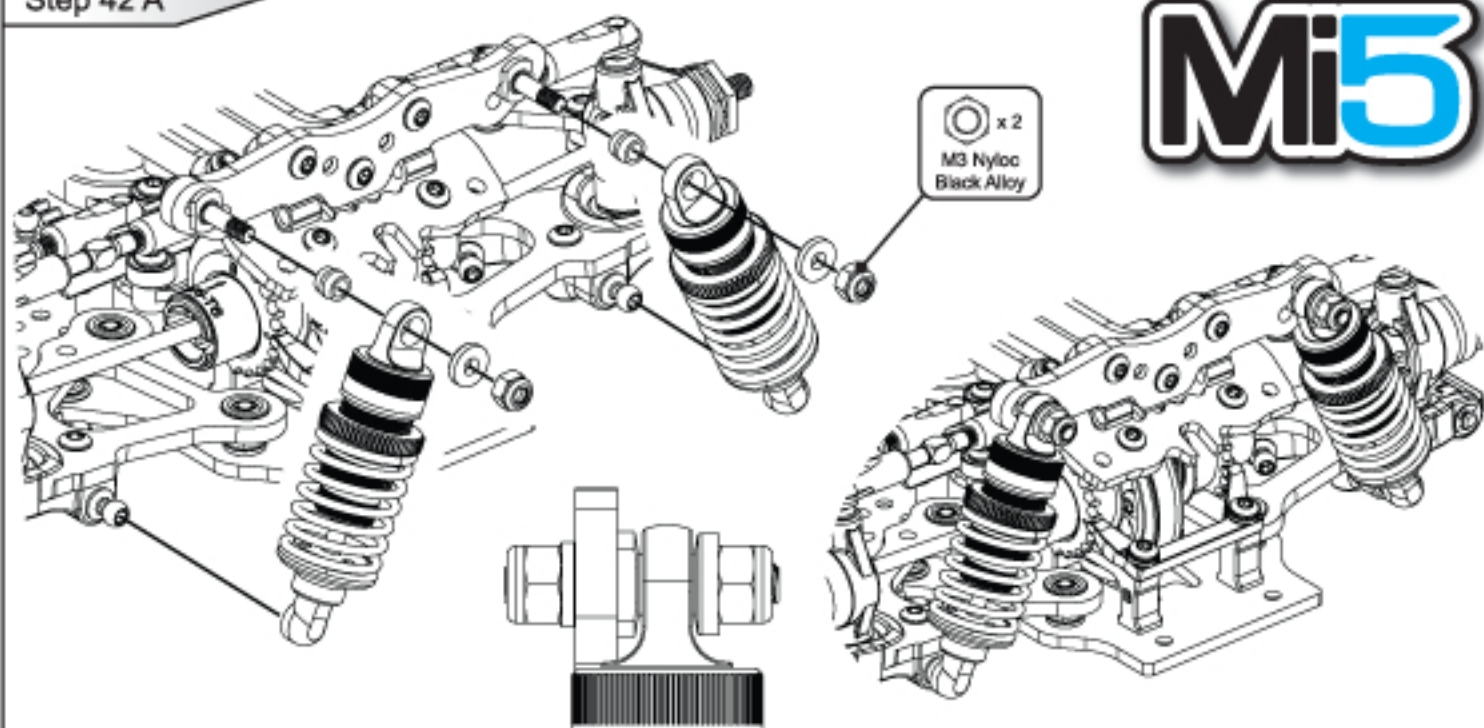


Step 41

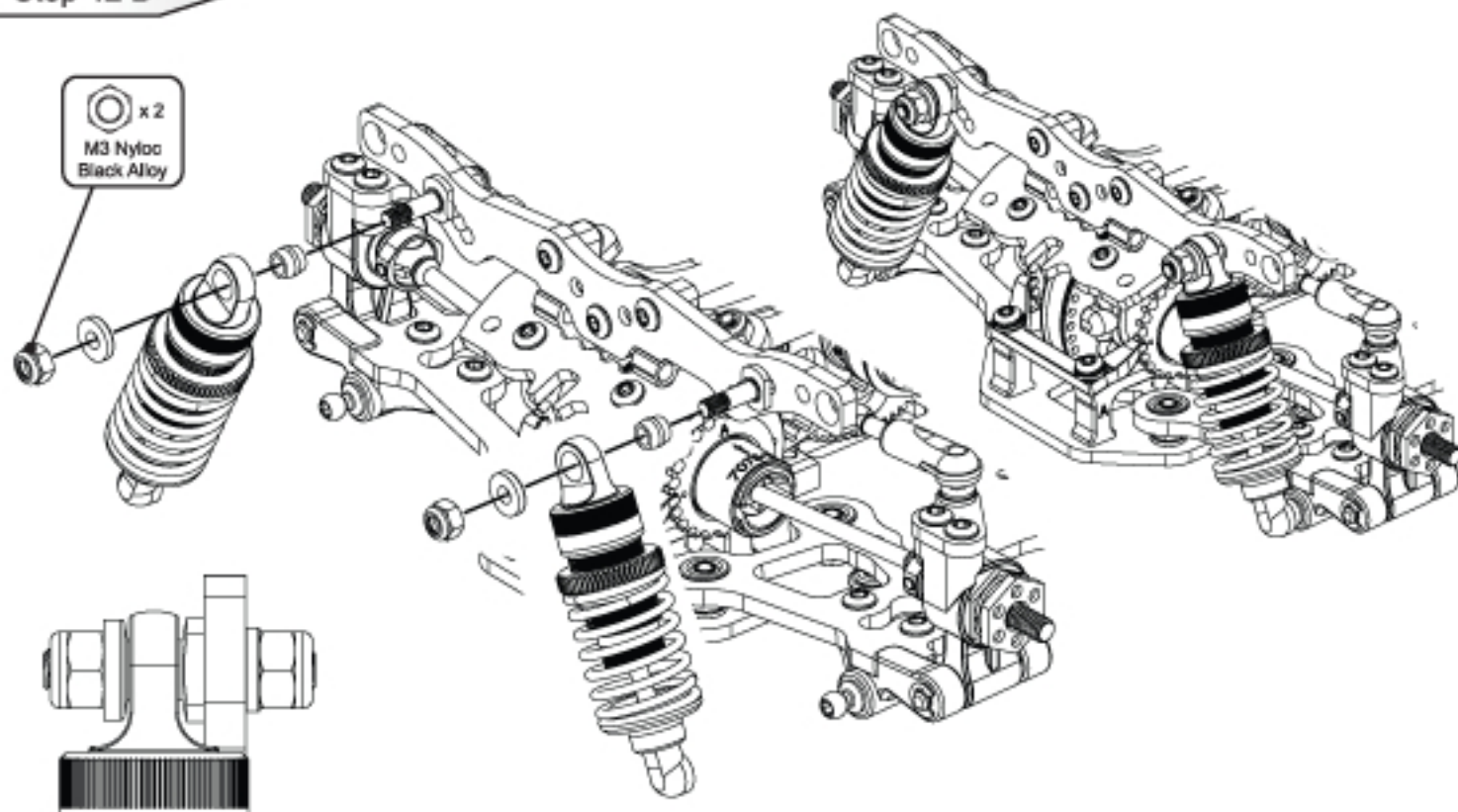


Step 42 A

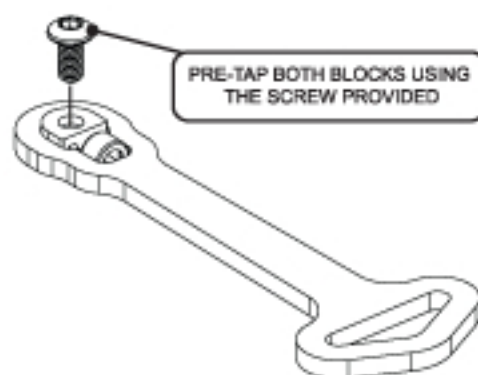
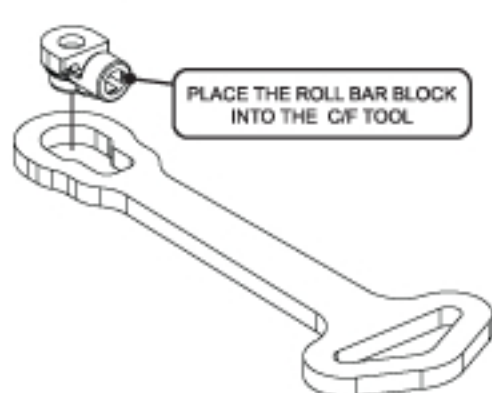
# Mi5



Step 42 B



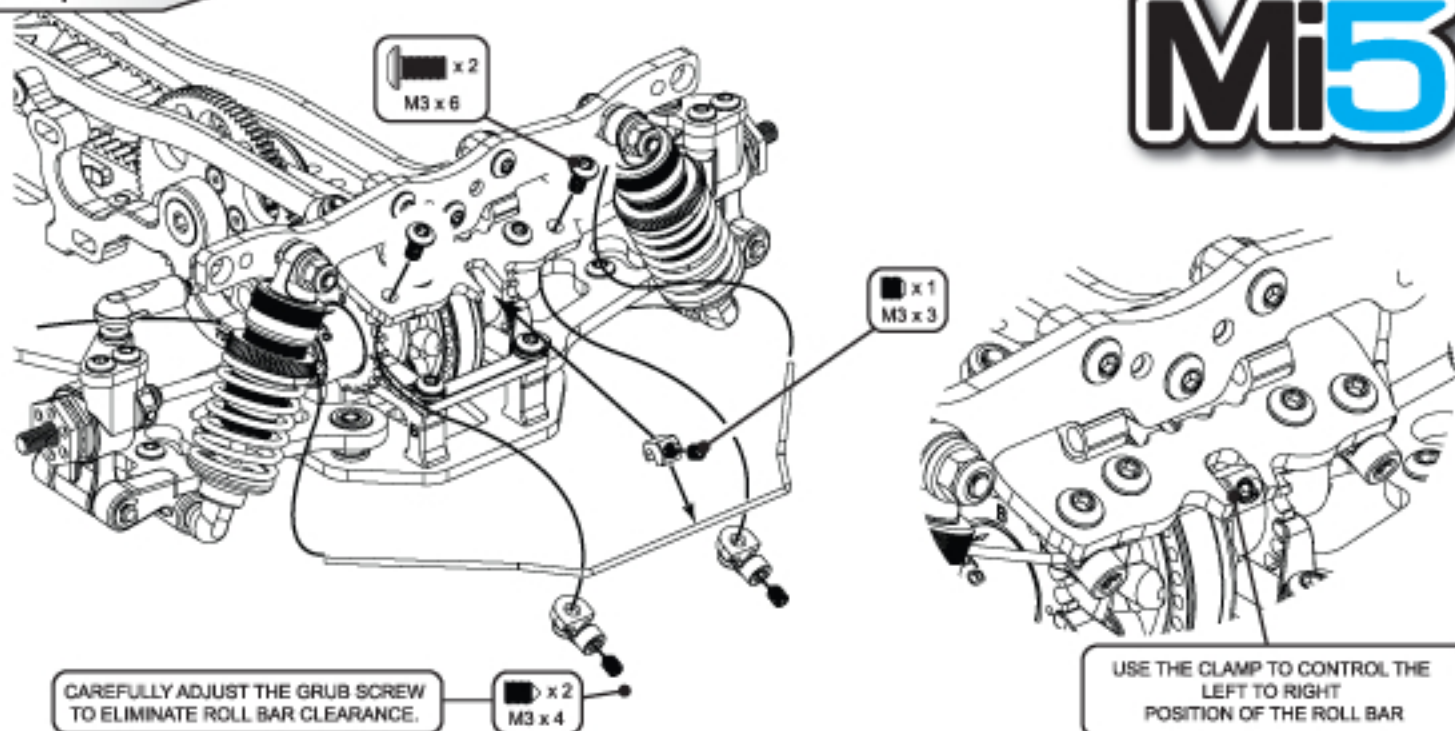
Step 43 A



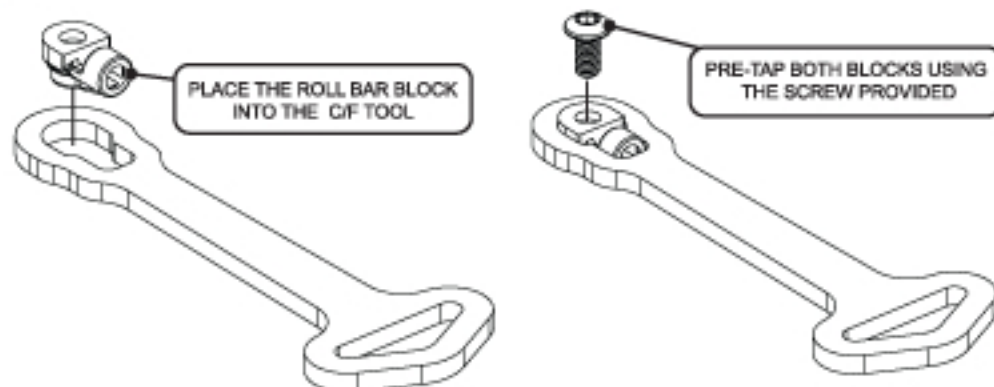


### Step 43 B

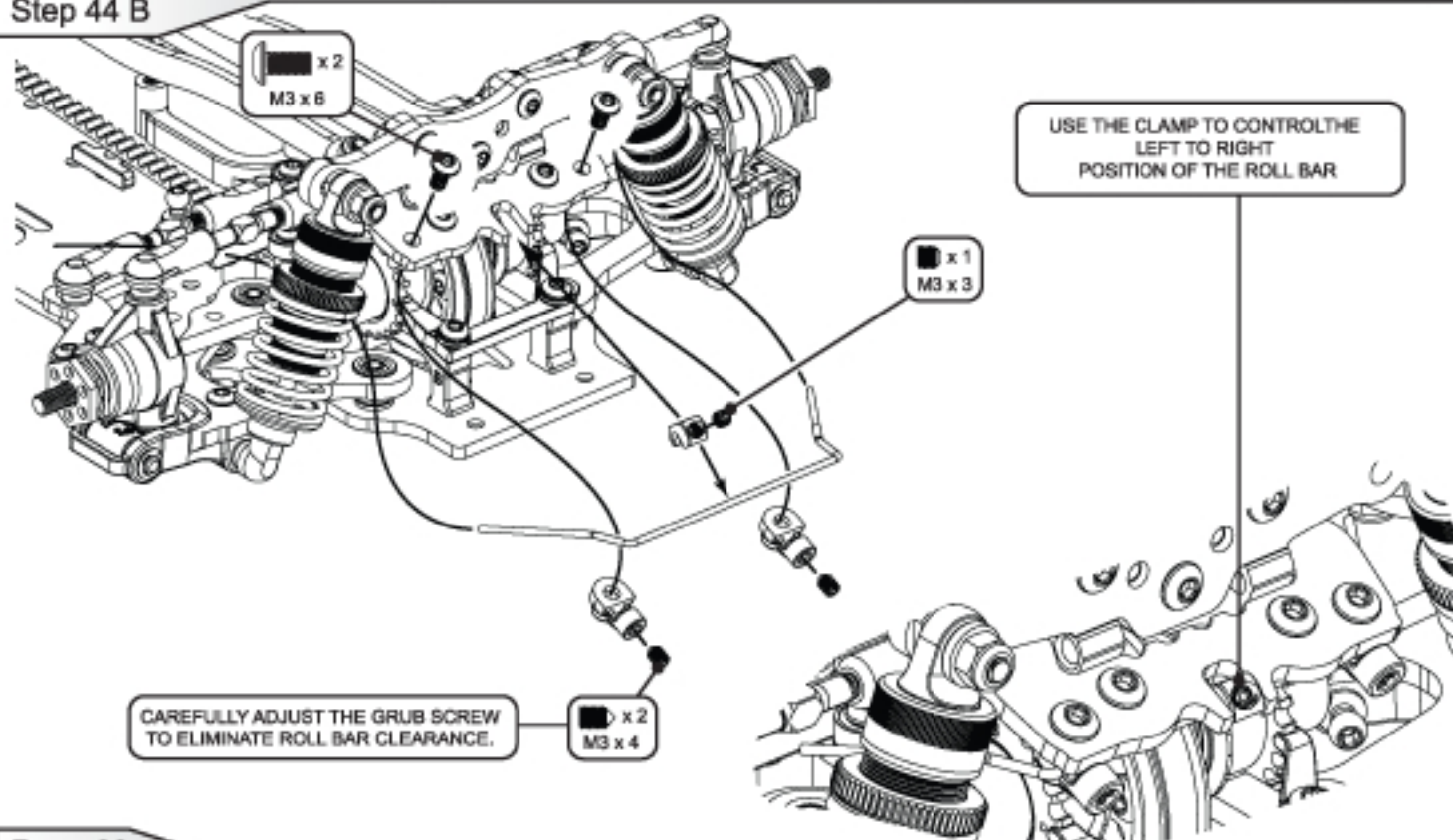
# Mi5



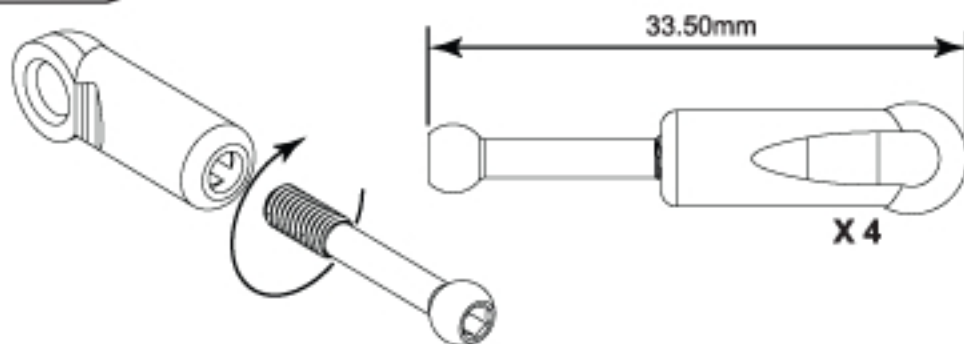
### Step 44 A



### Step 44 B

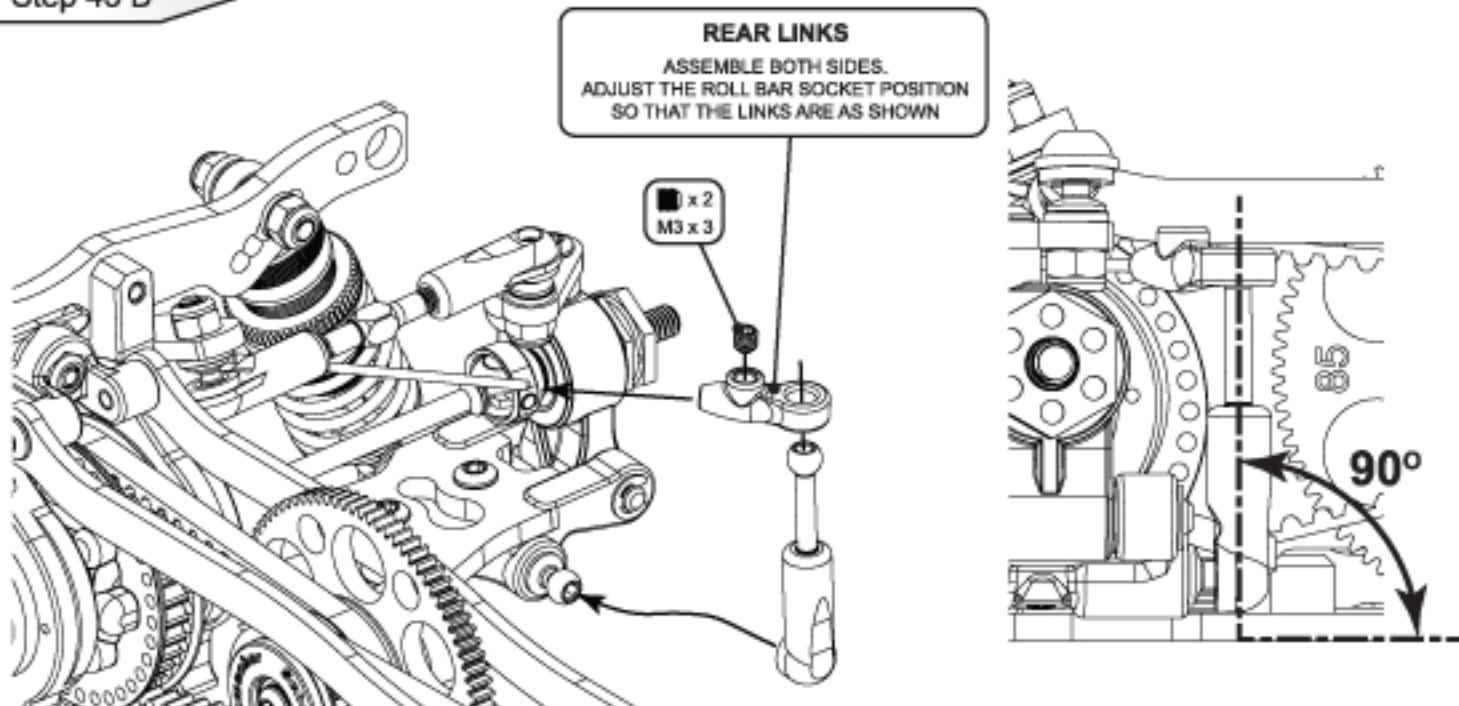


### Step 45 A



# Mi5

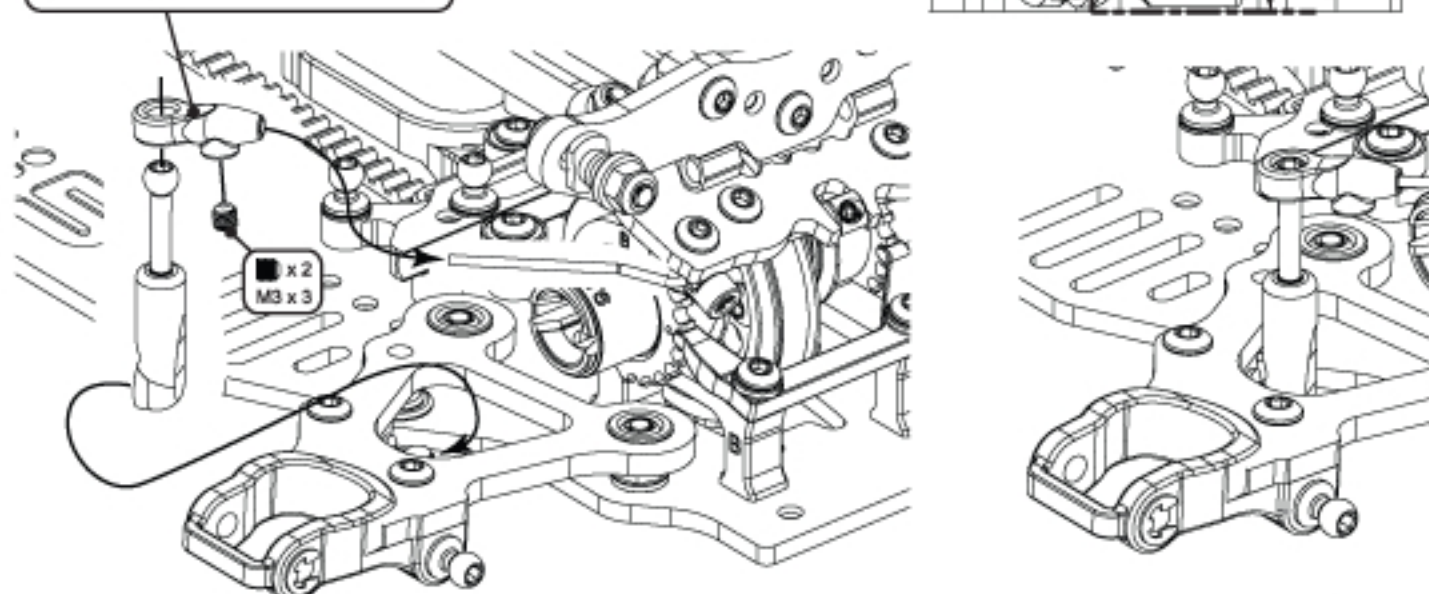
### Step 45 B



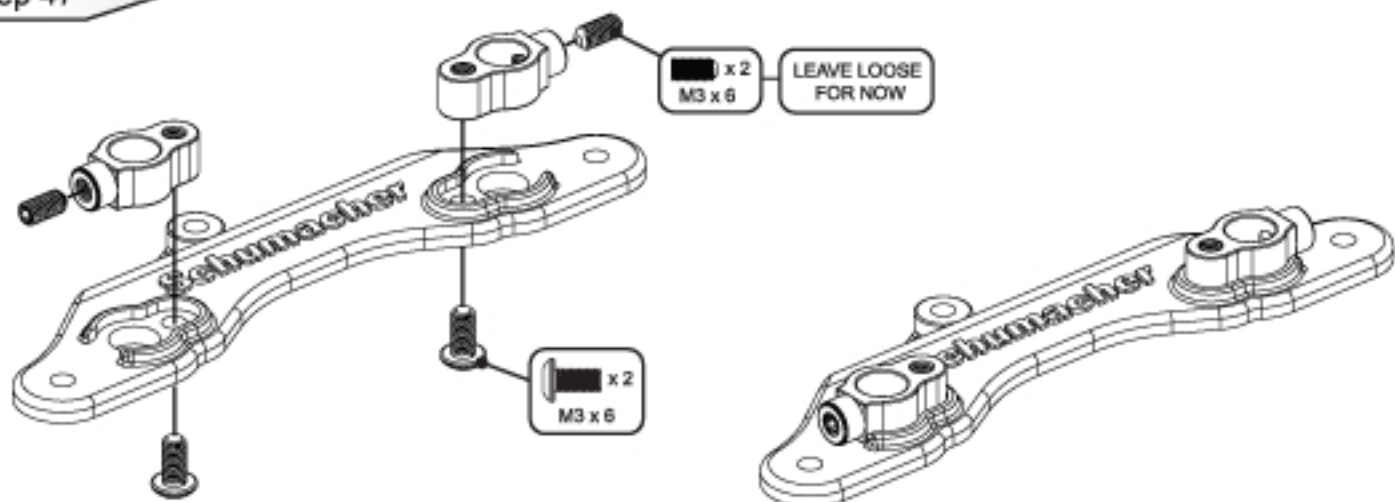
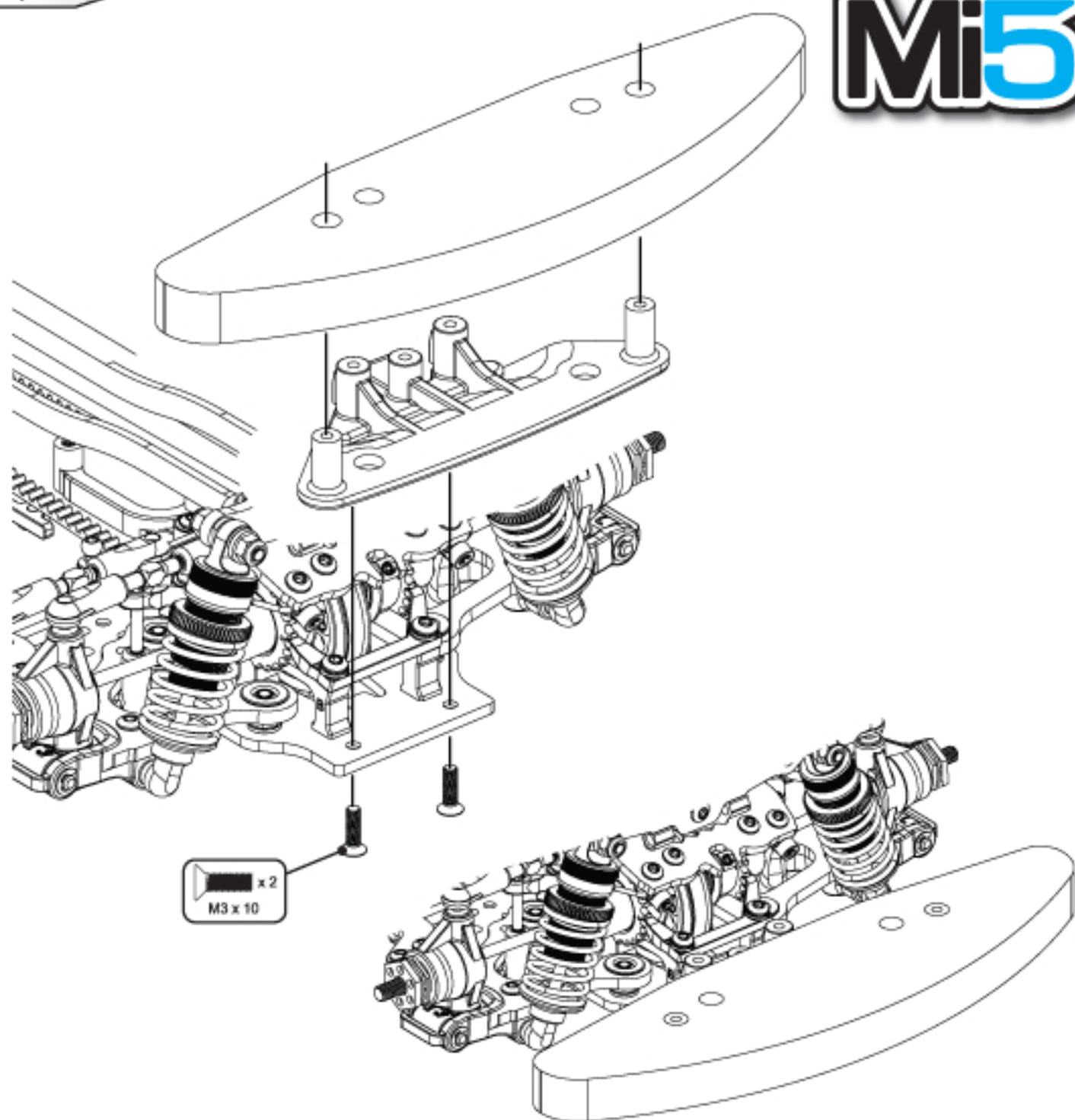
### Step 45 C

SOME PARTS HAVE BEEN  
REMOVED FOR ILLUSTRATION  
PURPOSES ONLY

**FRONT LINKS**  
ASSEMBLE BOTH SIDES.  
ADJUST THE ROLL BAR SOCKET POSITION  
SO THAT THE LINKS ARE AS SHOWN



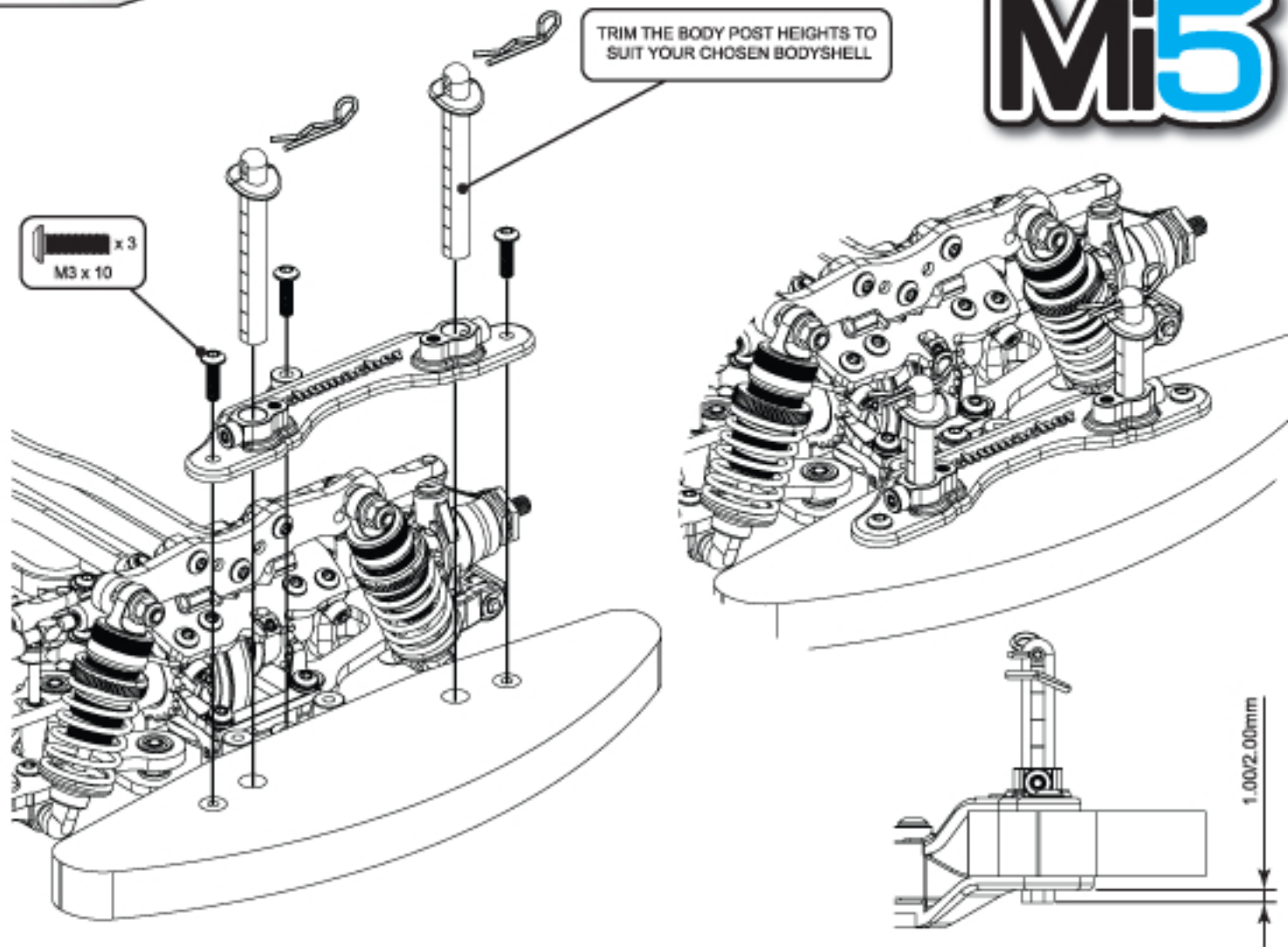




Step 48

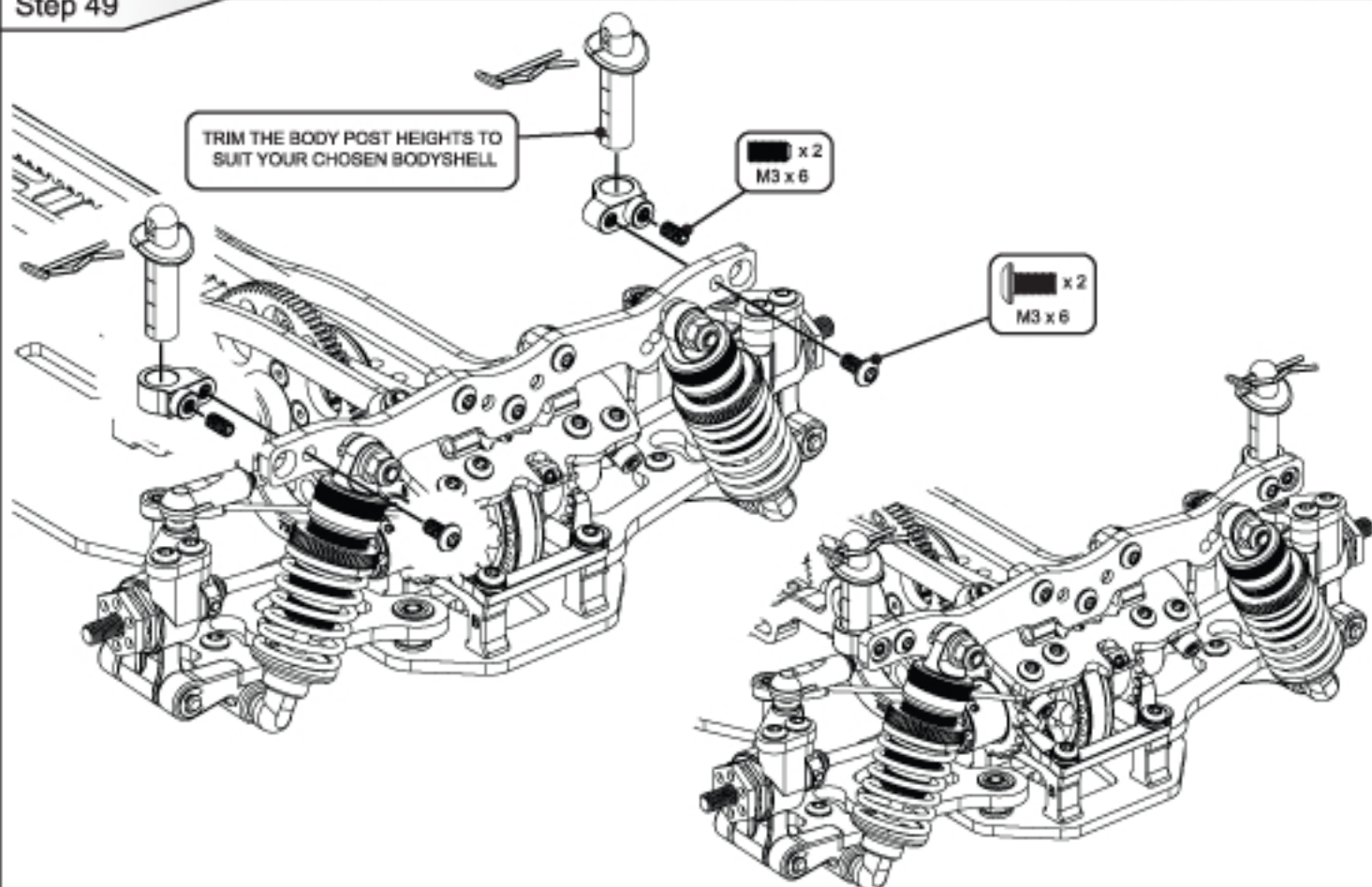
# Mi5

TRIM THE BODY POST HEIGHTS TO SUIT YOUR CHOSEN BODYSHELL



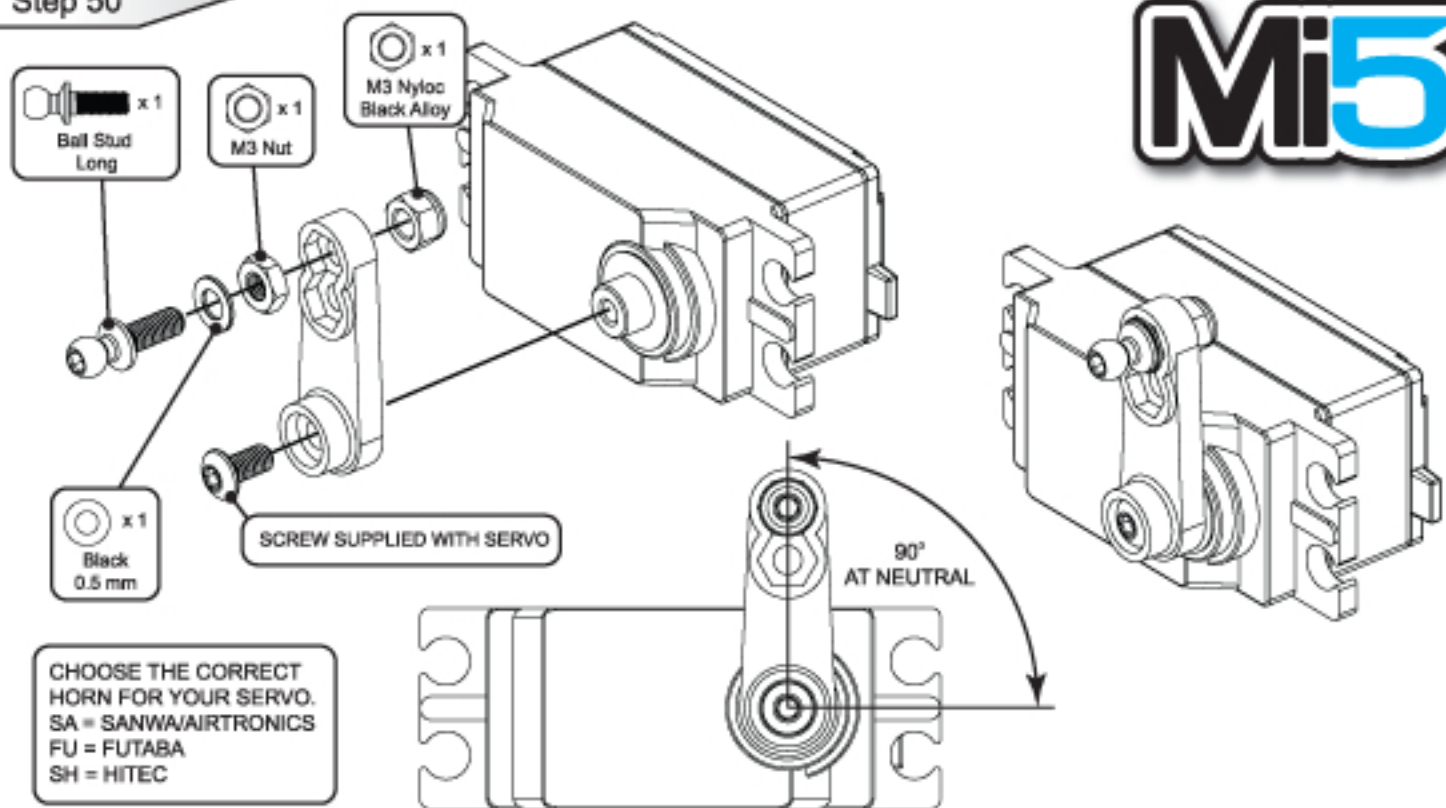
Step 49

TRIM THE BODY POST HEIGHTS TO SUIT YOUR CHOSEN BODYSHELL

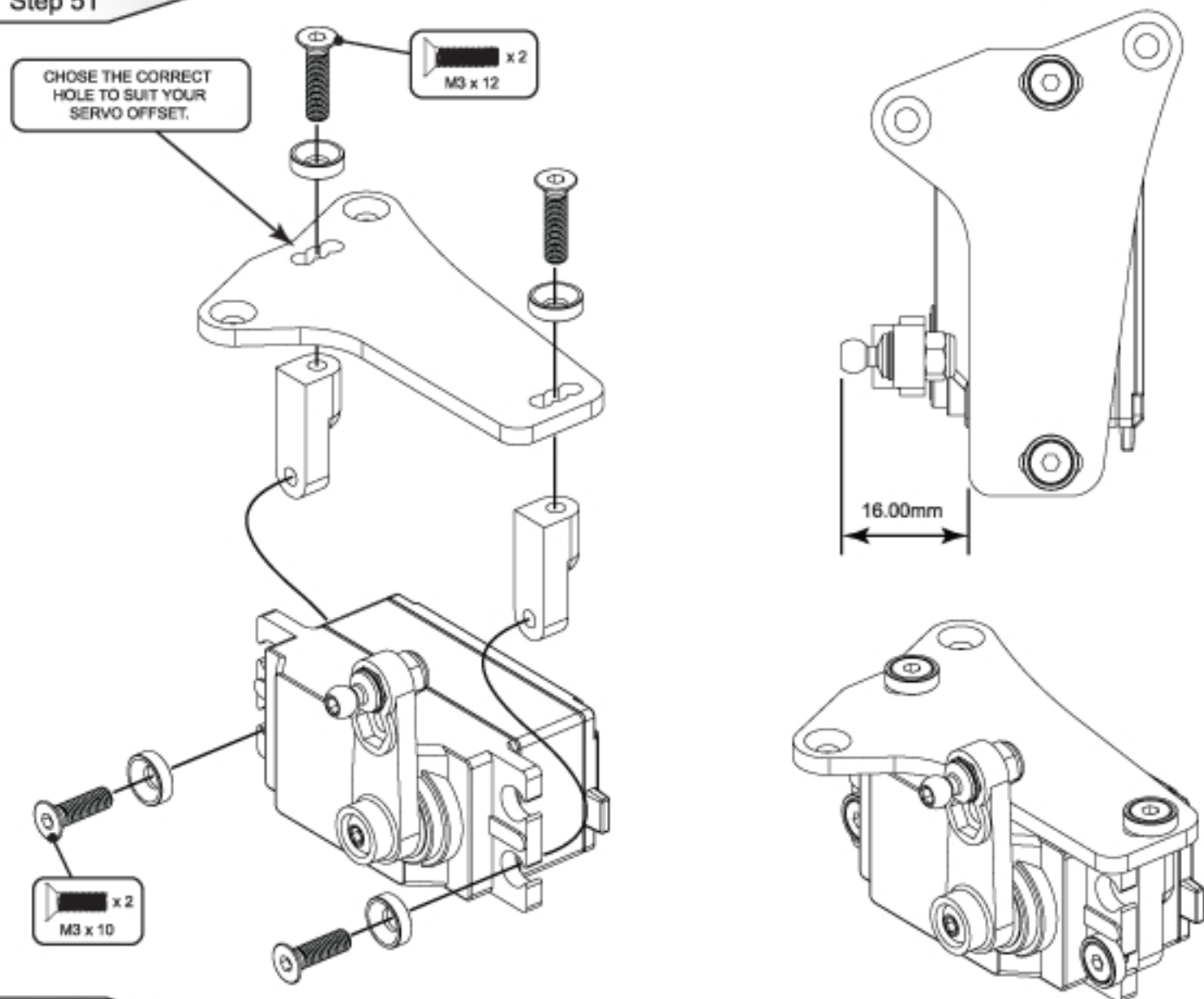




## Step 50

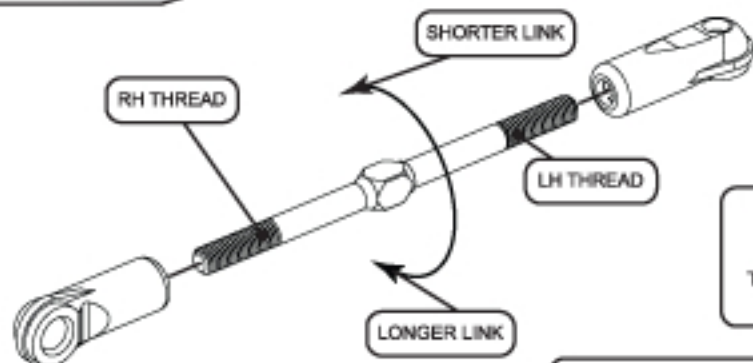


## Step 51



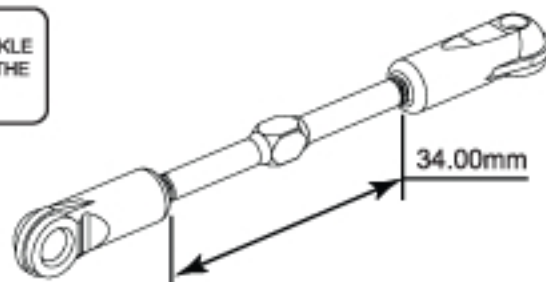
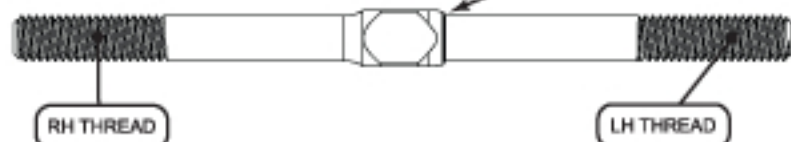
## Step 52 A

# Mi5



CAREFULLY SCREW THE SOCKETS ON TO 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)

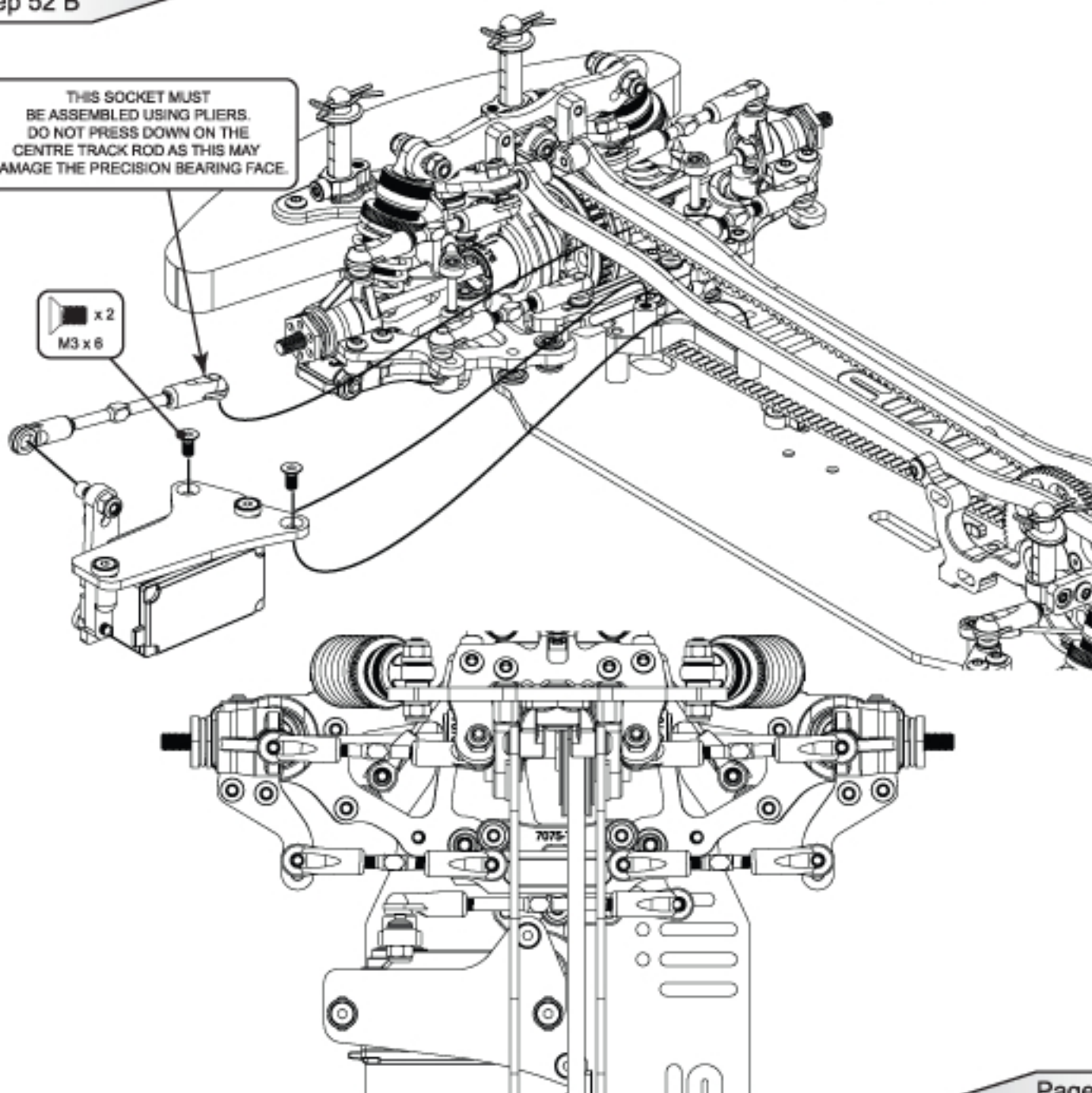
NOTE THE SHAPE OF THE TURNBUCKLE THIS SIDE OF THE TURNBUCKLE IS THE LEFT HAND THREAD.



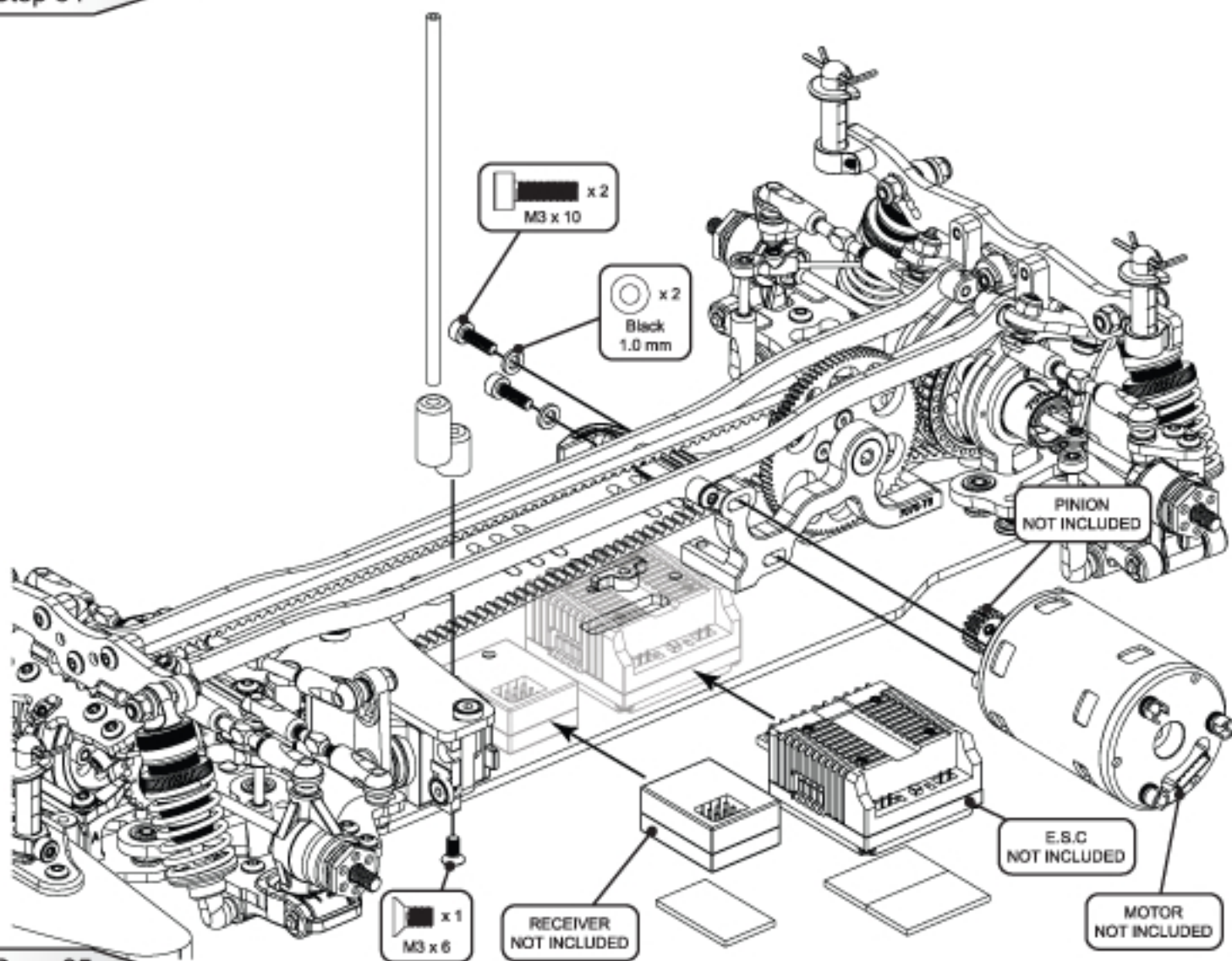
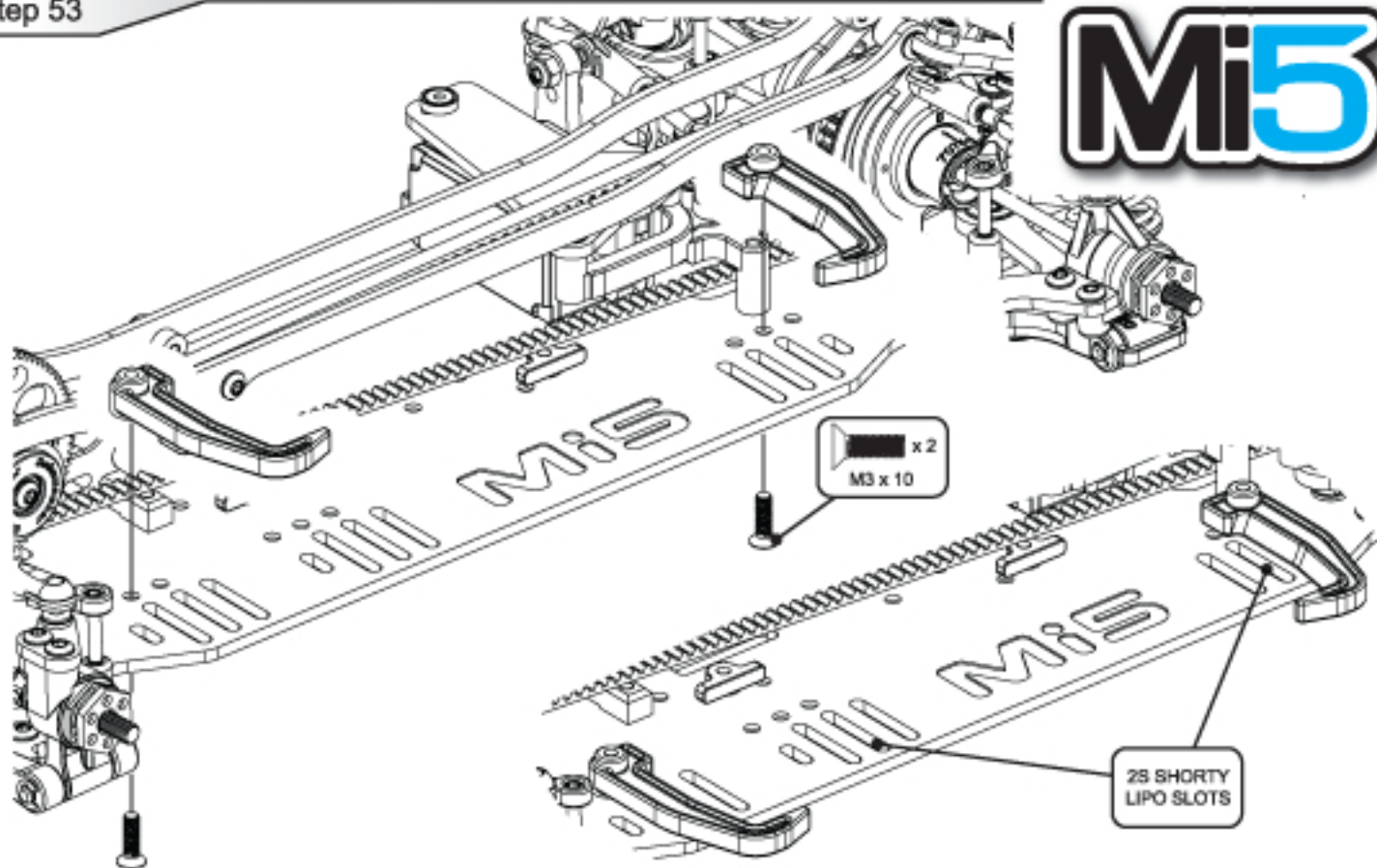
## Step 52 B

THIS SOCKET MUST BE ASSEMBLED USING PLIERS. DO NOT PRESS DOWN ON THE CENTRE TRACK ROD AS THIS MAY DAMAGE THE PRECISION BEARING FACE.

x 2  
M3 x 6

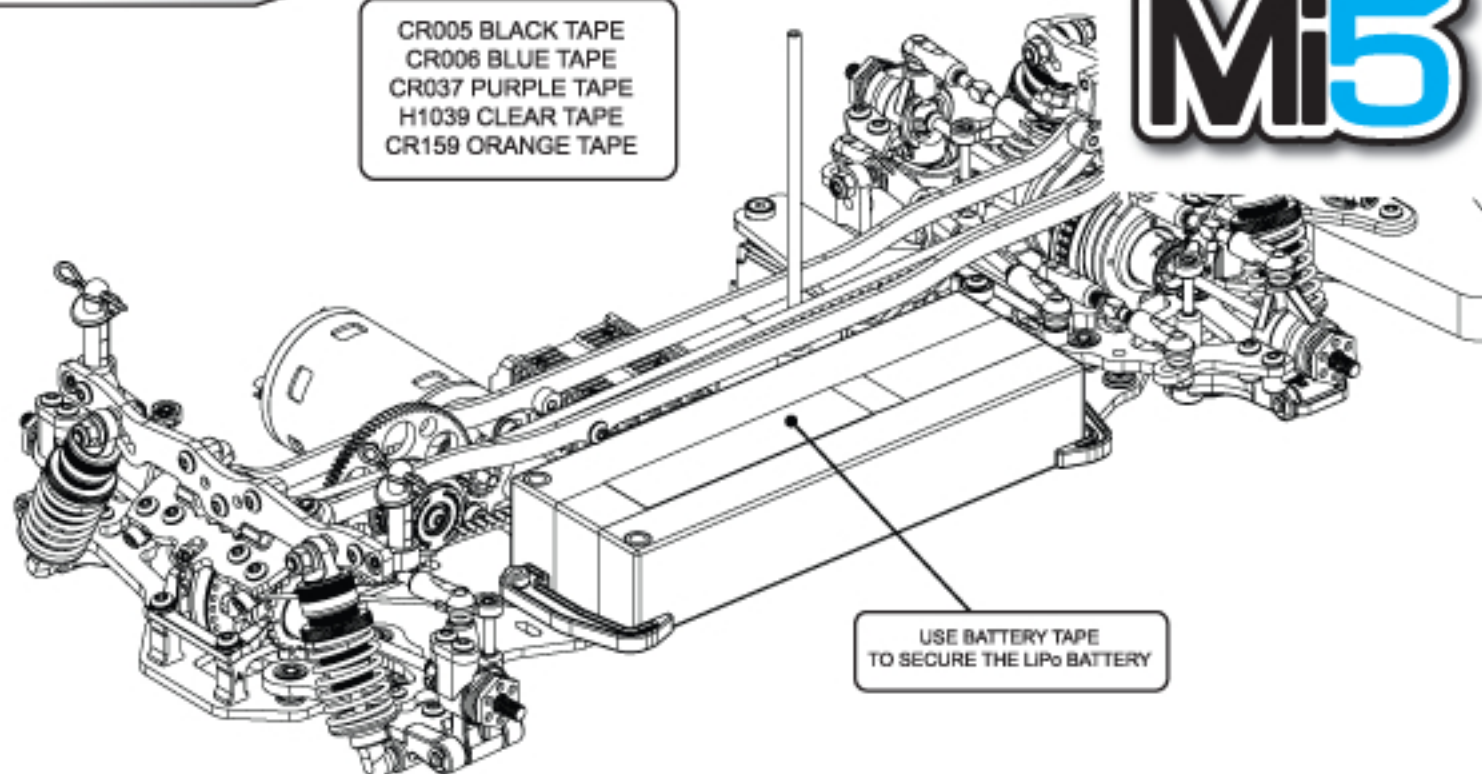




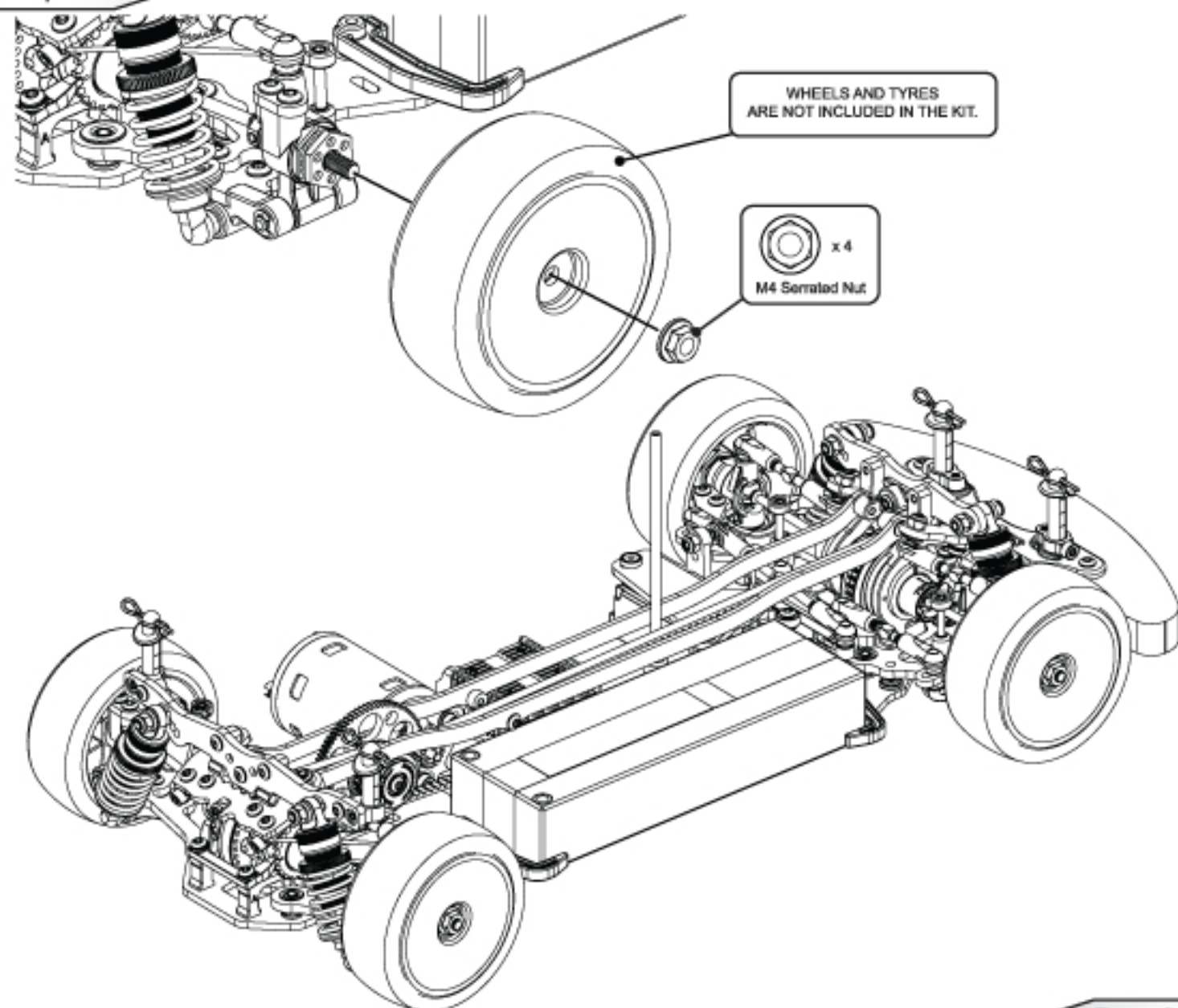


CR005 BLACK TAPE  
 CR006 BLUE TAPE  
 CR037 PURPLE TAPE  
 H1039 CLEAR TAPE  
 CR159 ORANGE TAPE

# Mi5



## Step 55





## 48DP

Maximum Tooth Sum = 114.....Minimum Tooth Sum = 100.....Internal Ratio = 1.8:1

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	
89	11.44	10.68	10.01	9.42	8.90	8.43	8.01	7.63	7.28	6.97	6.68	6.41															
87	11.19	10.44	9.79	9.21	8.70	8.24	7.83	7.46	7.12	6.81	6.53	6.26	6.02	5.80													
85		10.20	9.58	9.00	8.50	8.05	7.65	7.29	6.95	6.65	6.38	6.12	5.88	5.67	5.46	5.28											
70																	4.20	4.08	3.94	3.82	3.71	3.60	3.50	3.41	3.32	3.23	
66																					3.49	3.39	3.30	3.21	3.13	3.06	

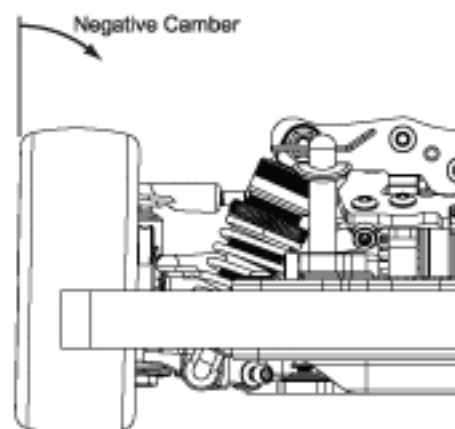
## 64DP

Maximum Tooth S .....Minimum Tooth Sum = 134.....Internal Ratio = 1.8:1 -

	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	
118	11.18	10.62	10.11	9.65	9.23	8.85	8.50	8.17	7.87	7.59	7.32	7.08	6.86	6.64	6.44	6.25																	
116	10.99	10.44	9.94	9.49	9.08	8.70	8.35	8.03	7.73	7.46	7.20	6.96	6.74	6.53	6.33	6.14	5.97	5.80															
114		10.26	9.77	9.33	8.92	8.55	8.21	7.89	7.60	7.33	7.08	6.84	6.62	6.41	6.22	6.04	5.86	5.70	5.55	5.40													
108										6.81	6.58	6.36	6.15	5.96	5.78	5.61	5.45	5.30	5.16	5.02	4.89	4.77	4.65	4.54	4.44	4.34	4.24	4.15					
96																					4.55	4.43	4.32	4.21	4.11	4.02	3.93	3.84	3.76	3.68	3.60	3.53	3.46
90																									3.68	3.60	3.52	3.45	3.38	3.31	3.24		

## Camber

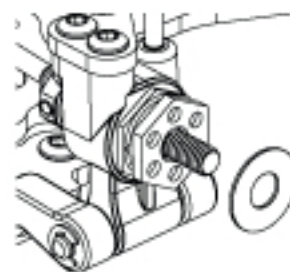
With maximum negative camber the car will have high levels of grip, but there may be the possibility of sudden breakaway in corners. Reducing the camber gives a more progressive slide, but may give less grip.



## Track Width

Changing the front track width using wheel spacer's changes the wheel to kingpin offset. Adding a spacer to the front will make the car roll and pitch more in the turn, and make the car more aggressive. Removing a spacer will make the car corner flatter and be smoother.

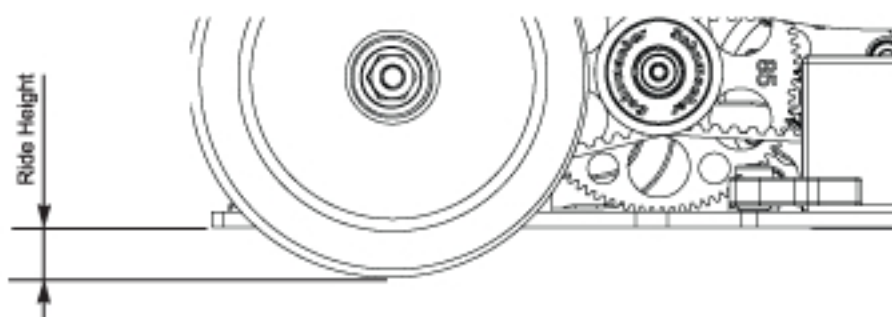
On the rear adding a spacer will reduce steering and make the car more stable. Removing a spacer will give more steering but less stability.



## Ride Height

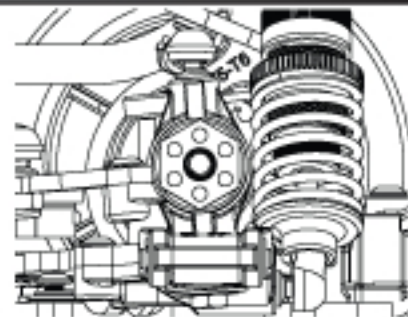
In general always run the car as low as possible, without the chassis grounding out, as it rolls into corners.

A good starting point with rubber tyres is 5.5mm at the front and 6.0mm at the rear.



## Front castor

The front castor can be altered by changing the yoke. The car comes with 4° castor as standard. More castor will give slightly slower turn in, but more on power steering.



## Shock Mounts

Vertical shock absorbers make the car react sharply to driver inputs.

A laydown shock offers a softer feel to the driver.



## Front Toe In

The front toe-in is set by adjusting the steering trackrod turnbuckles.

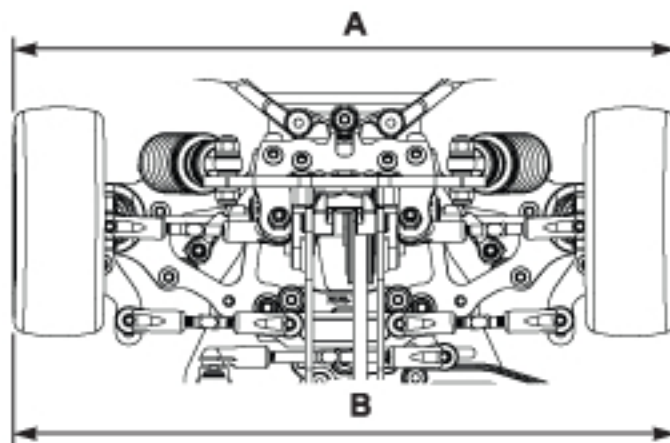
Toe-In = A less than B

Toe-Out = A greater than B

Toe-in will give a more stable car, but will give less sharp turn in.

Toe-out will give the opposite, less stability with sharper turn in to the corners.

We recommend to start at about 0° or 1° toe-out.



## Link Ball Height

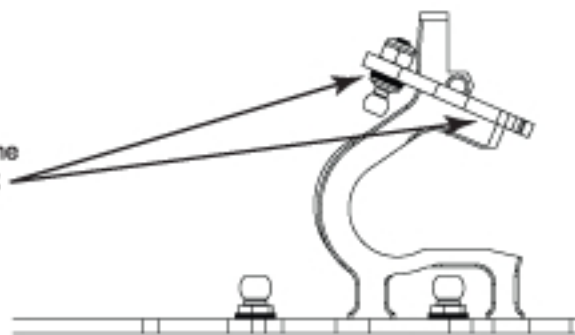
## WIDTH ADJUSTMENT

The width of the inboard suspension link can be altered by Speed Secret link Brackets

## HEIGHT ADJUSTMENT

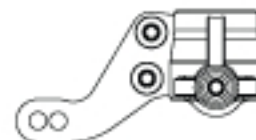
The height of the inboard suspension link can be altered by adding or removing the Black spacer washers, between the link mount and the ball stud, or under the link mount bracket.

This adjustment alters the camber gain of the suspension, generally a lower ball stud (or shorter link) gives more instant cornering grip followed by a sudden breakaway, whereas a higher ball (or longer link) gives smoother more progressive cornering grip.



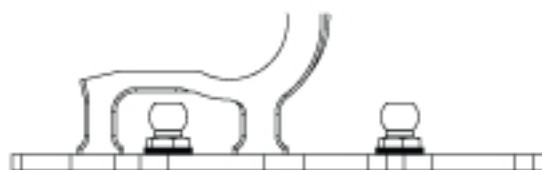
## Optional Ackerman

The front kit position is best for most conditions, the optional rear position give less Ackerman/Lock making the car more forgiving on the track.





## Anti-squat and Pro-squat - Kick up and Anti-dive

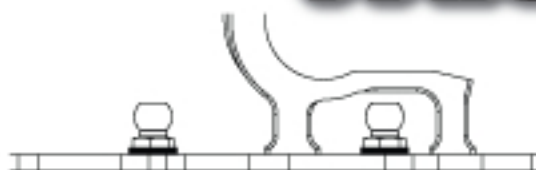
**REAR SQUAT OR ANTI-SQUAT**

The best balance on the car is usually with a level wishbone pin, however a small amount of Anti Squat can improve on power traction.

By removing the Grey Suspension washer underneath the rear Pivot Ball you will get Anti-Squat.

By removing the Grey Suspension washer underneath the front Pivot Ball you will get Pro-Squat.

0.5MM WASHER = 1° CHANGE

**FRONT KICK UP OR ANTI-DIVE**

The best balance on the car is usually with a level wishbone pin, however a small amount of anti-dive can improve stability under braking.

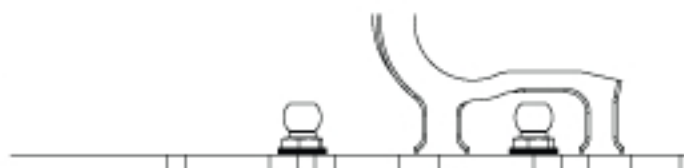
By removing the Grey Suspension washer underneath the rear Pivot Ball you will get Kick-up.

By removing the Grey Suspension washer underneath the front Pivot Ball you will get anti-dive

0.5MM WASHER = 0.85° CHANGE

## Suspension Ball Height

Changing the height of wishbone pivot ball changes the roll centre. Lowering the ball by removing BOTH spacers equally will lower the roll centre, this will increase grip but the car will roll more. Adding spacers raising the ball will reduce grip, but the car should be more stable.



## Roll Bars

Changing the roll bar thickness changes the way the weight is transferred, and the roll of the car. A stiffer/thicker rear roll bar will reduce entry steering but increase on power steering. A thicker/stiffer front bar will increase entry steering. Generally we use thinner roll bars in bumpy conditions.

The roll bar link can be adjusted in length to compensate for roll bar tweak.



## Shock Springs

The spring rate controls the suspension stiffness. Spring adjusters only change the ride height. They DO NOT alter the suspension stiffness. On slippery or bumpy tracks use soft to medium rate springs, on flat or high grip tracks run medium to hard rate springs.



## Shock Cap Type

Vented caps give zero rebound of the shock shaft. Sealed shock caps can be built to give between 0-100% rebound. Emulsion shocks can be built to give suck back, the opposite of rebound.

Use less rebound in high traction conditions and more rebound in low traction conditions. Emulsion shocks/suck back is used in low grip conditions that need a lot of steering.



## Track settings

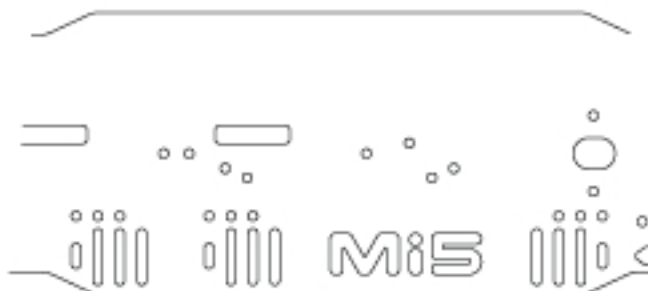
# Mi5

## Cell Position

Moving the battery forward/rearward changes the weight distribution of the car.

Moving more weight to the rear (Battery Rear) will give more rear traction on drive and more steering on corner entry/mid corner.

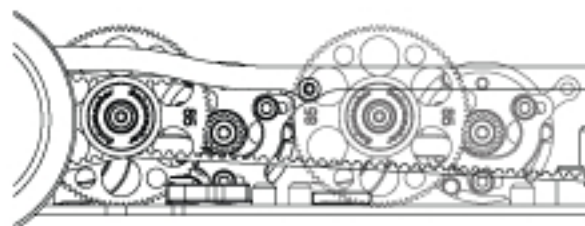
Moving more weight to the front (Battery Forward) will give less forward traction, but more corner exit steering and be an easier to drive car.



## Mid or Rear Motor

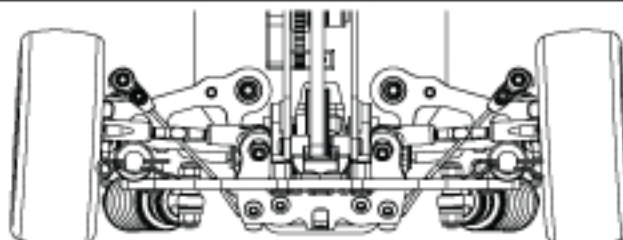
The mid motor option gives much more rotation in tight corners, but is not as effective in fast, sweeping corners.

On tight twisty carpet tracks, the mid motor set up is a good option to use.



## Rear Toe in

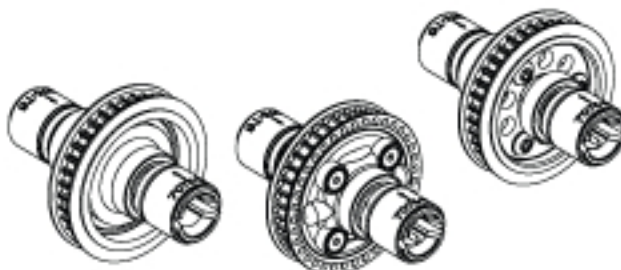
Less rear toe in will free up the rear of the corner making it rotate more in the turn, at the expense of some rear traction. This will make the car more difficult to drive. We use less rear toe in in high grip conditions.



## Ball - Gear Diff - Spool

A gear diff in the rear gives better drive out of a corner and more on power steering than a ball diff, but the ball diff is always easier to drive, and good in low traction conditions.

In the front a spool is the standard choice and the best option for most conditions. A gear diff will give more mid corner steering, but suffer on corner exit. We use a gear diff on very tight twisty tracks.



## Rear Roll Centre Plates

The zero dink rear hub plate gives a good all round position, the one dink shortens the link 1mm per side and the two dink plate shortens the link a further 1mm per side. A shorter link gives more camber change which will give more initial grip but will snap away faster in comparison to a longer link that will be easier to control. A shorter link helps the car rotate better on a hairpin style corner.



## Driveshafts

Alloy driveshafts will reduce the weight of the car and give faster acceleration out of a corner.

The "true" double joint driveshafts will make the car much smoother on lock, but they can have slightly less entry steering over the standard driveshafts.





# Mi5



U3570 Alloy Wheel Hex; Slim+O ring - (pr)



- U1301 Silicone Diff Lube - Pot
- U1954 Pro - Thrust Bearing
- U1957 Moly Grease - Pot
- U2573 Pro-Diff Screw Set
- U2574 Ball Bearing - 5x9x2.5 Open (pr)
- U3019 Diff Balls; SiNi 2.5mm (pk12)
- U3140 Diff Washer; ProSpec - Mi4 (pr)
- U3508 CNC Diff Pulley and Fences; 36T
- U3820 Alloy Diff Output; Male - Mi4CX
- U3821 Alloy Diff Output; Female - Mi4CX
- U4325 Pro Ball Diff - Mi5



U4295 Optional Rear Hub Carrier Arms - Mi5



- U4230 M3 x 6mm Alloy Button Hd Screws pk10
- U4231 M3 x 8mm Alloy Button Hd Screws pk10
- U4232 M3 x 10mm Alloy Button Hd Screws pk10
- U4233 M3 x 12mm Alloy Button Hd Screws pk10
- U4234 M3 x 6mm Alloy Csk Screws pk10
- U4235 M3 x 8mm Alloy Csk Screws pk10
- U4236 M3 x 10mm Alloy Csk Screws pk10
- U4237 M3 x 12mm Alloy Csk Screws pk10
- U4238 M3 x 16mm Alloy Csk Screws pk10
- U4240 Mi-5 - M3 Alloy Screw Set - 78pcs



U4249 C/F Rear Wishbone 2.0deg - Mi5 - 1pc  
U4292 C/F Rear Wishbone 2.5deg - Mi5 - 1pc



- U4304 Spring 14Lb/in - White - Mi5 - 1pr
- U4305 Spring 15Lb/in - Blue - Mi5 - 1pr
- U4306 Spring 16Lb/in - Green - Mi5 - 1pr
- U4307 Spring 17Lb/in - Red - Mi5 - 1pr
- U4308 Spring 18Lb/in - Yellow - Mi5 - 1pr
- U4309 Spring Set - Mi5 - 5pr
- G882 Spec-R Touring Spring Set-Soft 2.5-2.8
- G895 Spec-R Touring Spring - Soft 2.6
- G896 Spec-R Touring Spring - Soft 2.7
- G897 Spec-R Touring Spring - Soft 2.8



U4271 Front Roll Bar Set - Mi5



U4272 Rear Roll Bar Set - Mi5



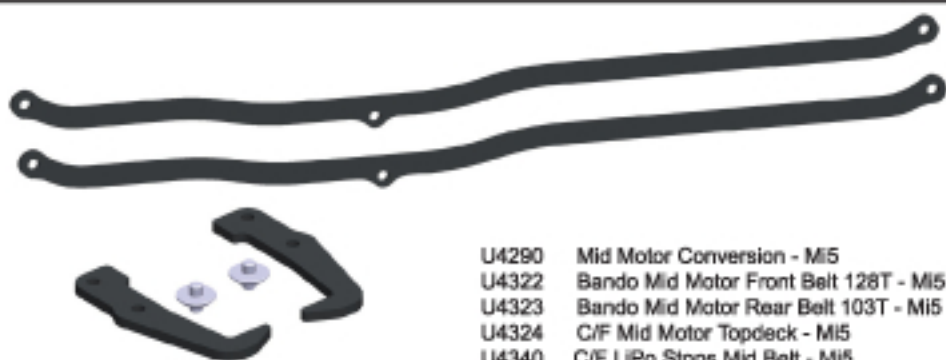
U4339 Top Deck End Alloy - Mi5 - 1pc



U4311 C/F Link Mount (3Dink) - Mi5 - 1pc



UU4258 Front Yokes 6deg - Mi5 - 1pr



- U4290 Mid Motor Conversion - Mi5
- U4322 Bando Mid Motor Front Belt 128T - Mi5
- U4323 Bando Mid Motor Rear Belt 103T - Mi5
- U4324 C/F Mid Motor Topdeck - Mi5
- U4340 C/F LiPo Stops Mid Belt - Mi5



U4321 Alloy Wheel Shims 0.50 & 1.00mm - Mi5 - 8pc



G883 SPEC-R Carbon Internal Gear Set



G888 SPEC-R Gear Differential - Mi5 FRONT



G875 SPEC-R Titanium Gear Diff Pins



- U3161 87T 48DP CNC Spur Gear - Mi4
- U3162 89T 48DP CNC Spur Gear - Mi4
- U3163 114T 64DP CNC Spur Gear - Mi4
- U3165 118T 64dp CNC Spur Gear - Mi4
- U3247 70T 48DP CNC Spur Gear - Mi4
- U3248 96T 64dp CNC Spur Gear - Mi4
- U3269 90T 64DP CNC Spur Gear - Mi4
- U3270 106T 64DP CNC Spur Gear - Mi4
- U3400 66T 48DP CNC Spur Gear - Mi4
- U3560 74T 48DP CNC Spur Gear Mi4



- U1573 Titanium Tumbuckle; purple - 53mm (pr)
- U1905 Titanium Tumbuckle; purple - 35mm (pr)
- U4326 Titanium Tumbuckle; purple - 30mm (pr)
- U4336 Ti Tumbuckle Set - Mi5 (7pc)



- U1576 Titanium Pivot Pin; 25mm (pr)
- U2719 Titanium Pivot Pin; 18mm pr



- U2862 Ceramic Bearing - 5x10x4 Shield (pr)
- U3017 Ceramic Bearing - 10x15x4 Shield (pr)
- U3386 Ceramic Bearing - 4x8x3 Shield (pr)
- U4344 Ceramic Bearing - 5x8x2.5mm (pr)
- U4343 Ceramic Bearing Set - Mi5



U4342 Ti Shock Rods - Mi-4/Mi-5 - pr



- U3490 Alloy Servo Mounts Violet
- U4327 Alloy Servo Mount Black - Cal K1



- CR110 Alloy Servo Arm; Futaba Purple
- CR111 Alloy Servo Arm; KO/Sanwa Purple
- CR112 Alloy Servo Arm; Futaba Blue
- CR113 Alloy Servo Arm; KO/Sanwa Blue
- CR117 Alloy Servo Arm; Futaba Black
- CR118 Alloy Servo Arm; KO/Sanwa Black



- U4130 Vented Shock Caps - Small Bore - (Pr)
- U4217 Vented Shock Cap Service Kit



- U2988 M3 Csk Washers - Purple Alloy (pk10)
- U4155 M3 Csk Washers - Black Alloy (pk10)



G884 Driveshaft Front True CV - Mi4 - pr



- U4328 Servo Saver 2013 Spec - Mi5
- U4329 Servo Saver 2013 Mouldings
- U4330 Servo Saver 2013 Springs
- U4341 C/F Servo Mount (Servo Saver) - Mi5



U3260 Ti Shock Post - Mi4 pr



- CR280 Ti Pro Ball Studs - Short - pair
- CR281 Ti Pro Ball Studs - Ultra Short - pair
- CR282 Ti Ball Studs - Long - pair
- CR283 Ti Ball Stud Set - Mi5



- U3833 Driveshafts; Alloy Rear - Mi4CX pr
- U3840 Driveshaft; Alloy Axle - 1pc
- U3841 Driveshaft; Alloy Bone Front - 1pc
- U3842 Driveshaft; Alloy Bone Rear - 1pc
- U4338 Driveshafts; Alloy Front - Mi5 pr