

MISSION FT

FRONT WHEEL DRIVE

Instruction Manual



Schumacher
racing-cars.com

Additional Items Required



E.S.C



Servo



Motor

2S Shorty
Li-Po Battery



SK-100149
SKY RC e680 AC/DC 80W Charger



CORE RC Paint
CR600 to CR631
CR666 to CR672

CR522 CORE RC
Pro Tyre Glue + 2 Nozzles

Tyres and Inserts



Soldering Iron
CR266 40w
CR275 80w

U3107 - Solder

AM701011 - Low Profile 4mm Connector 24K - pk2
AM701012 - Low Profile 5mm Connector 24K - pk2



CR115
CORE RC Silicone Wire 12AWG Red/Black/Blue 50cm



CR233
Piston Drilling Kit
1.1-1.8mm (8 bits)

AM190003 Reamer With End Cap For Lexan Body

U4229 Steel Spanner - 5.5mm/3.9mm

CR044 Curved Body Scissors

AM150155 Nut Driver 5.5 (M3)
AM150170 Nut Driver 7.0 (M4)



AM110115 Allen Wrench 1.5
AM110120 Allen Wrench 2.0
AM110125 Allen Wrench 2.5
AM110130 Allen Wrench 3.0

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

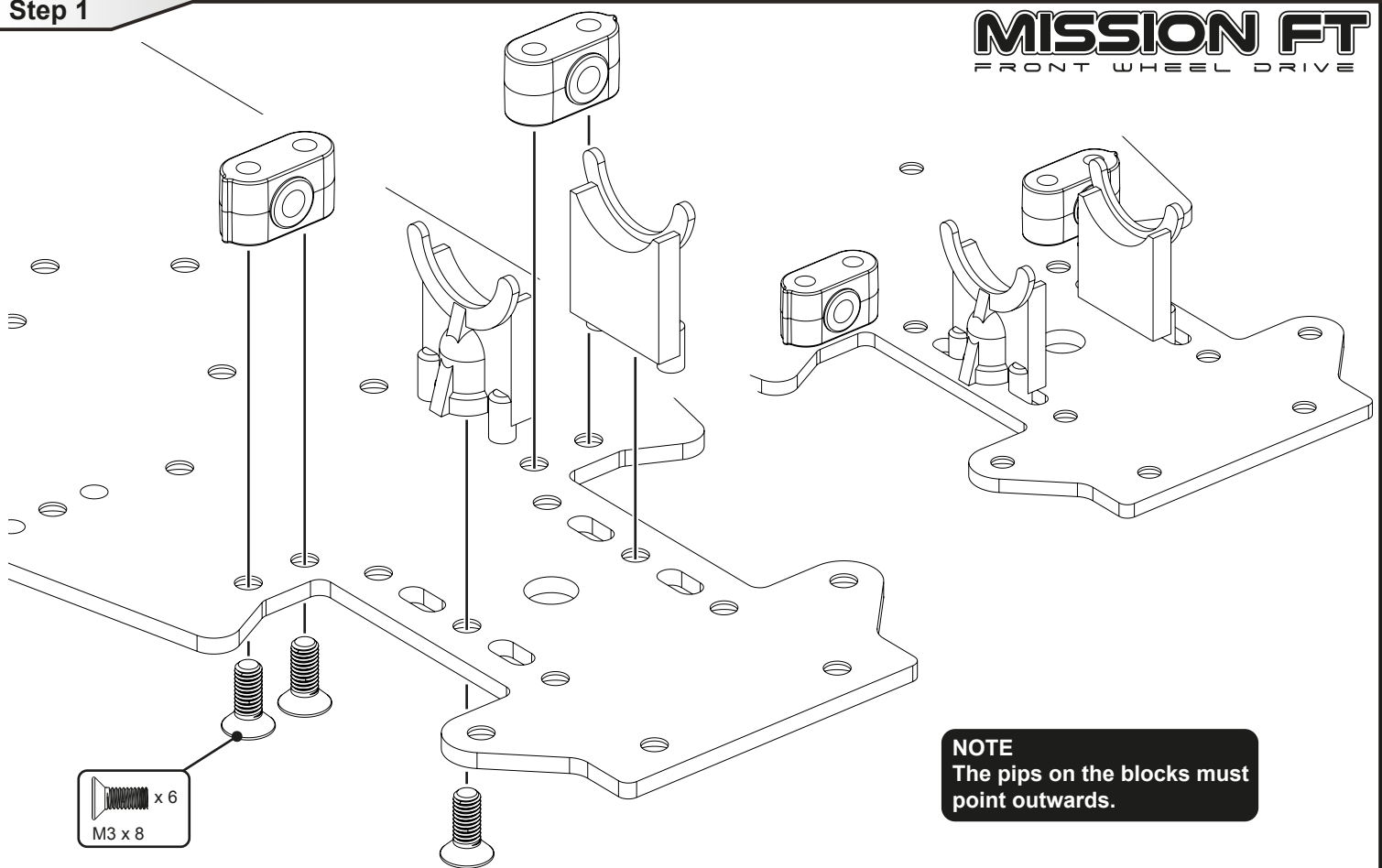
PLEASE NOTE THAT SOME OF THE PRODUCT RANGES BELOW ARE ONLY AVAILABLE IN THE UNITED KINGDOM.



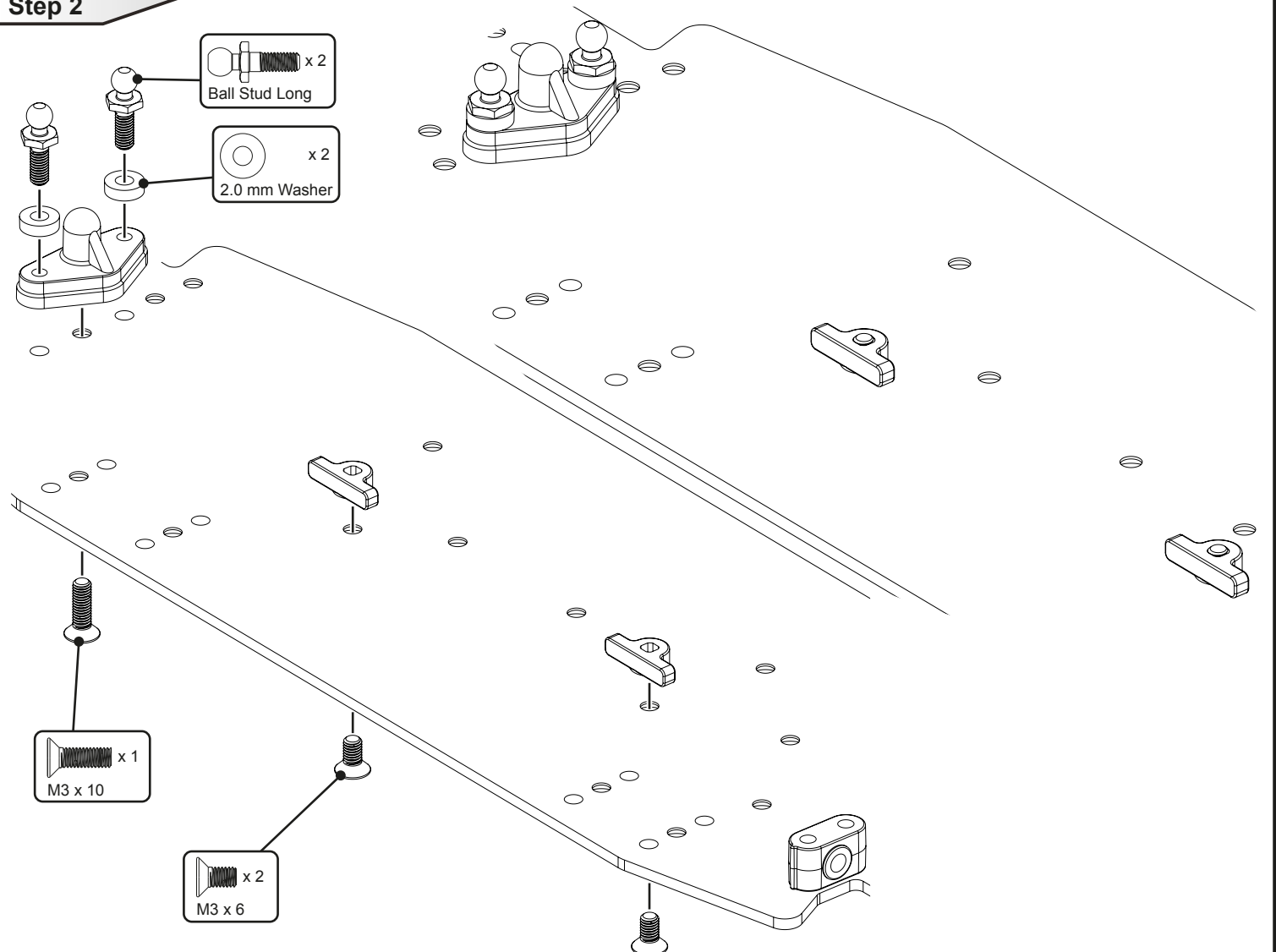
IMPORTANT SAFETY NOTES

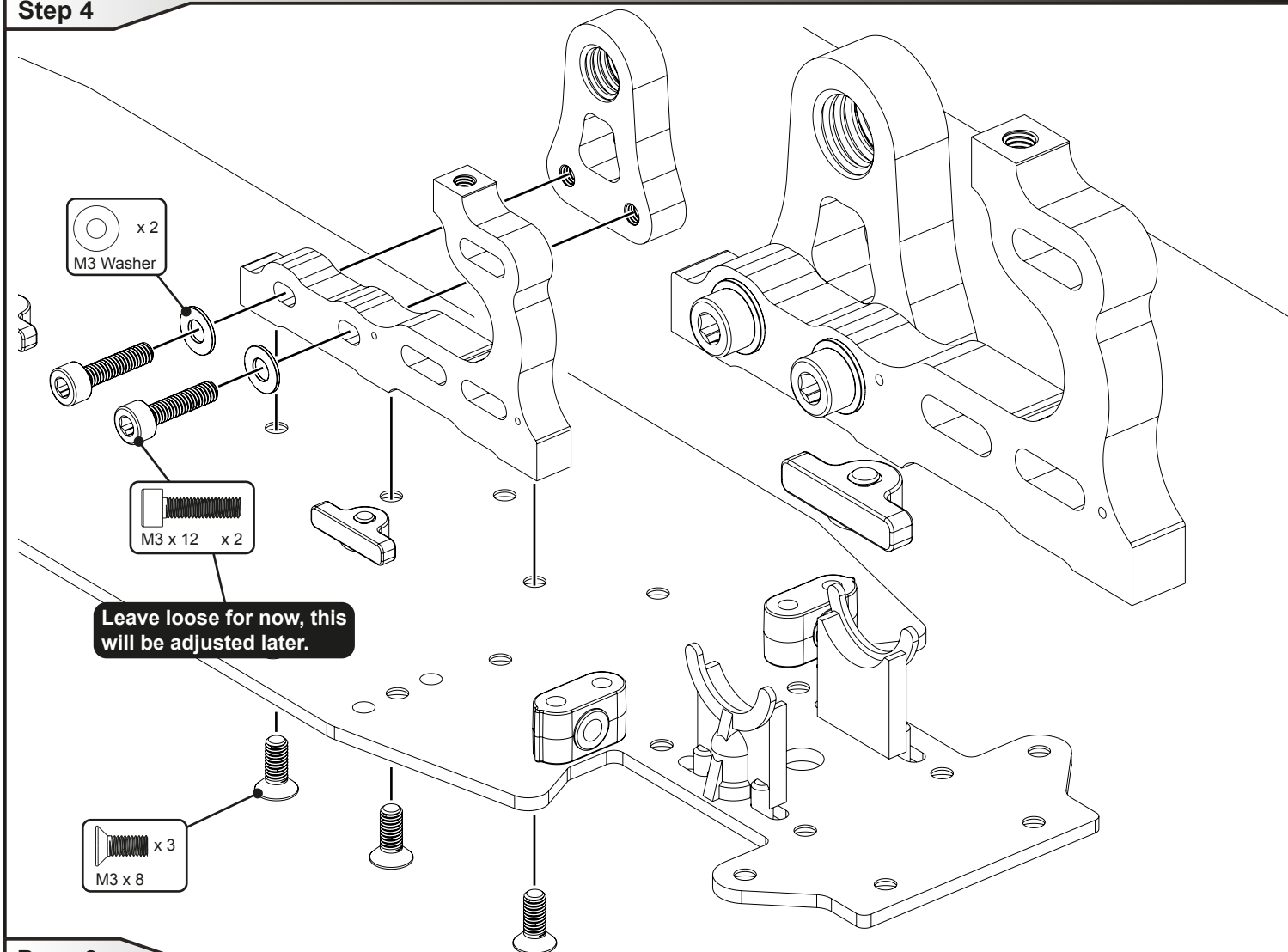
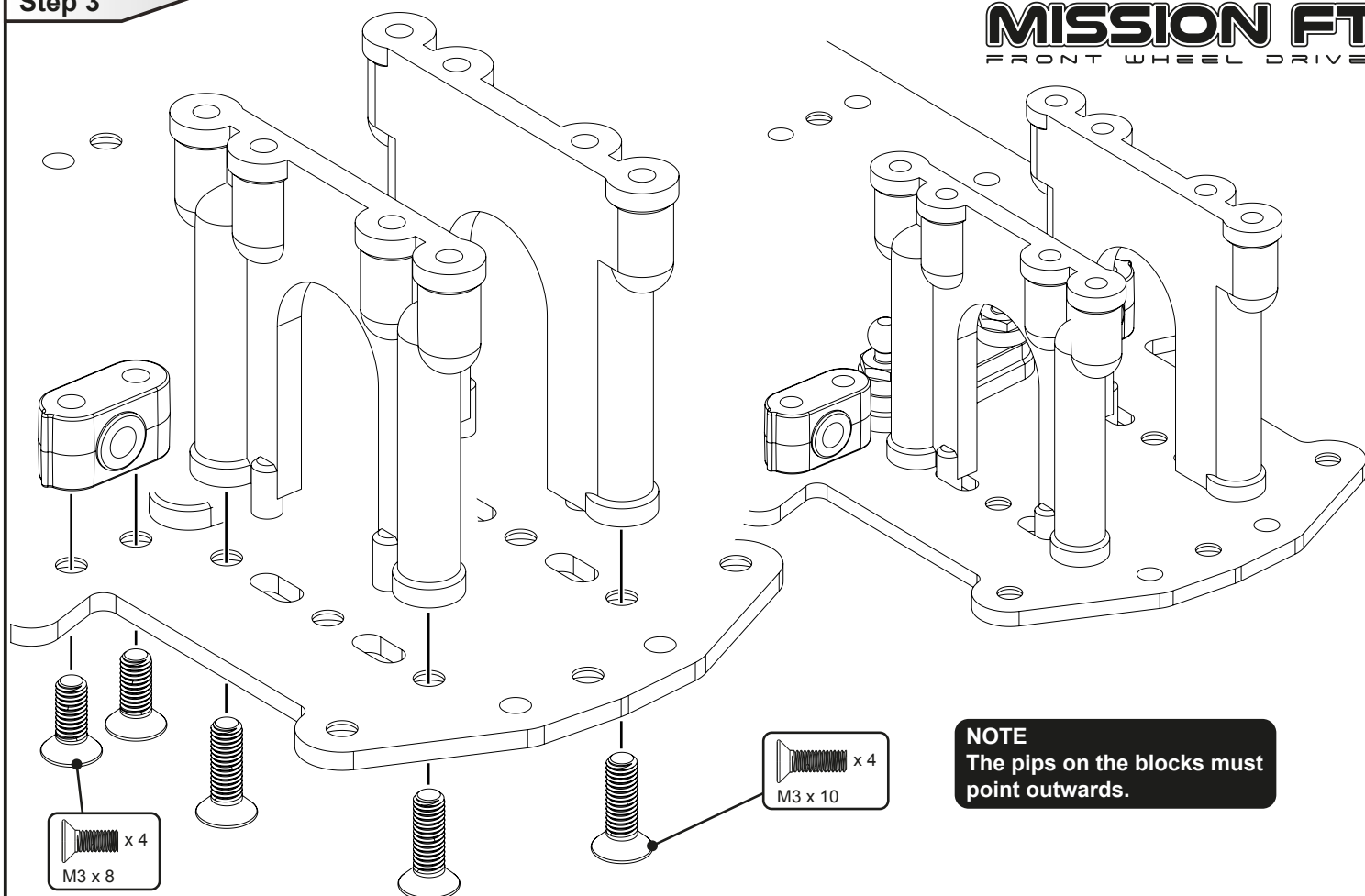
- We strongly recommend that anyone driving RC cars, or organising events, should obtain third party liability insurance. In the UK this can be done by joining the BRCA. www.brca.org
- This product is not suitable for children under the age of 14, without the direct supervision of a responsible adult.
- 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 items used in the construction.
- In line with our policy of continuous development the exact details of the kit may vary.
- DO NOT use this car on public roads or in places where it can interfere with traffic, people or animals.
- Always check the operation of the radio with the wheels off the ground, before using the car.
- Make sure the radio and car batteries are fully charged before use.
- Disconnect and remove the battery from the car when not in use.
- Always store and charge LiPo batteries in a fireproof container.
- DO NOT put fingers or any objects inside rotating or moving parts as this may cause injury.
- Make sure the charger is correctly set for the type of battery you are using. Incorrect charging may cause a fire.
- Insulate all exposed electrical wiring. Exposed or damaged wires can cause short circuits and fire.
- The motor and speed controller can become hot during use. DO NOT touch them immediately after using your car as this may cause injury.

Step 1

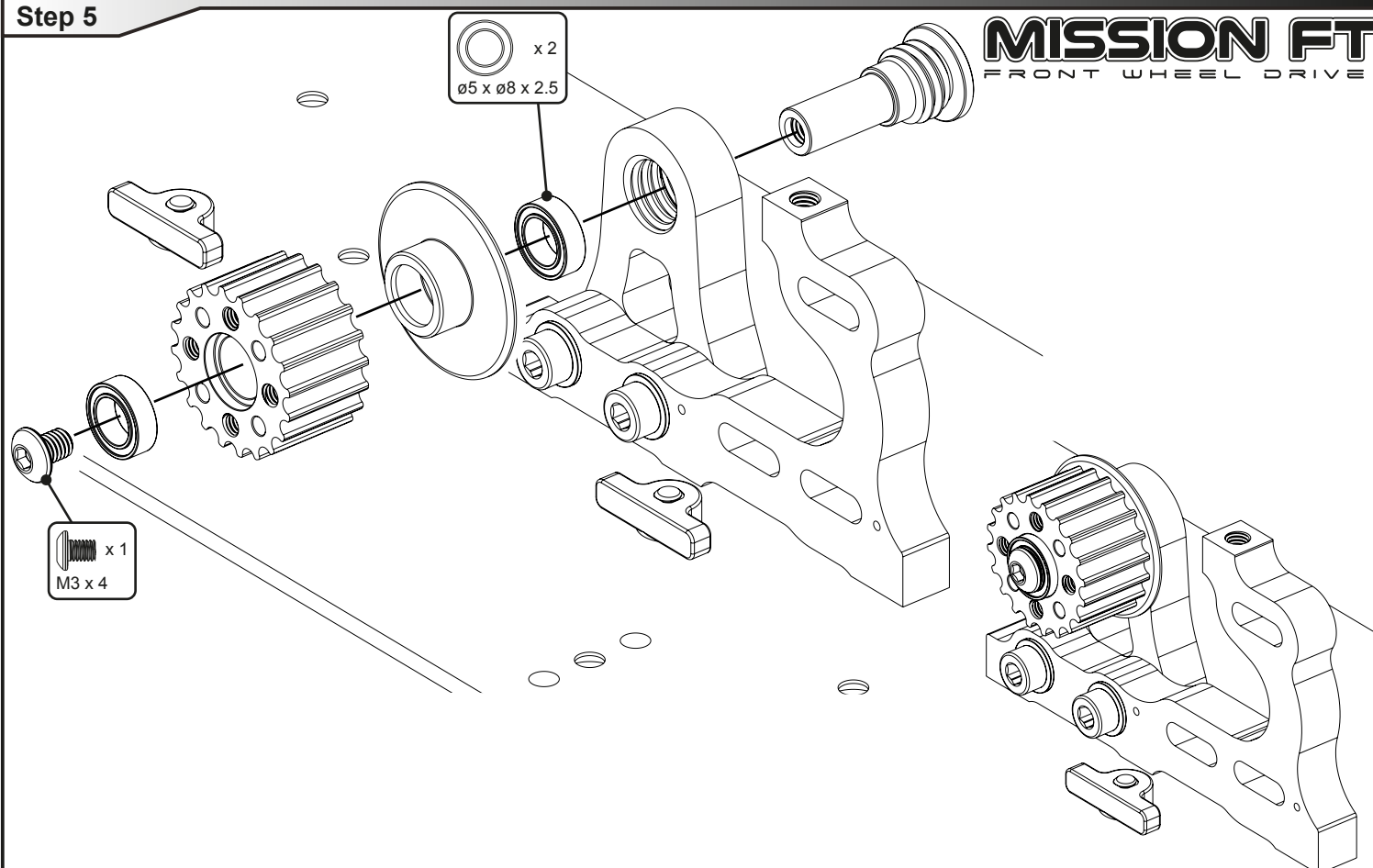


Step 2

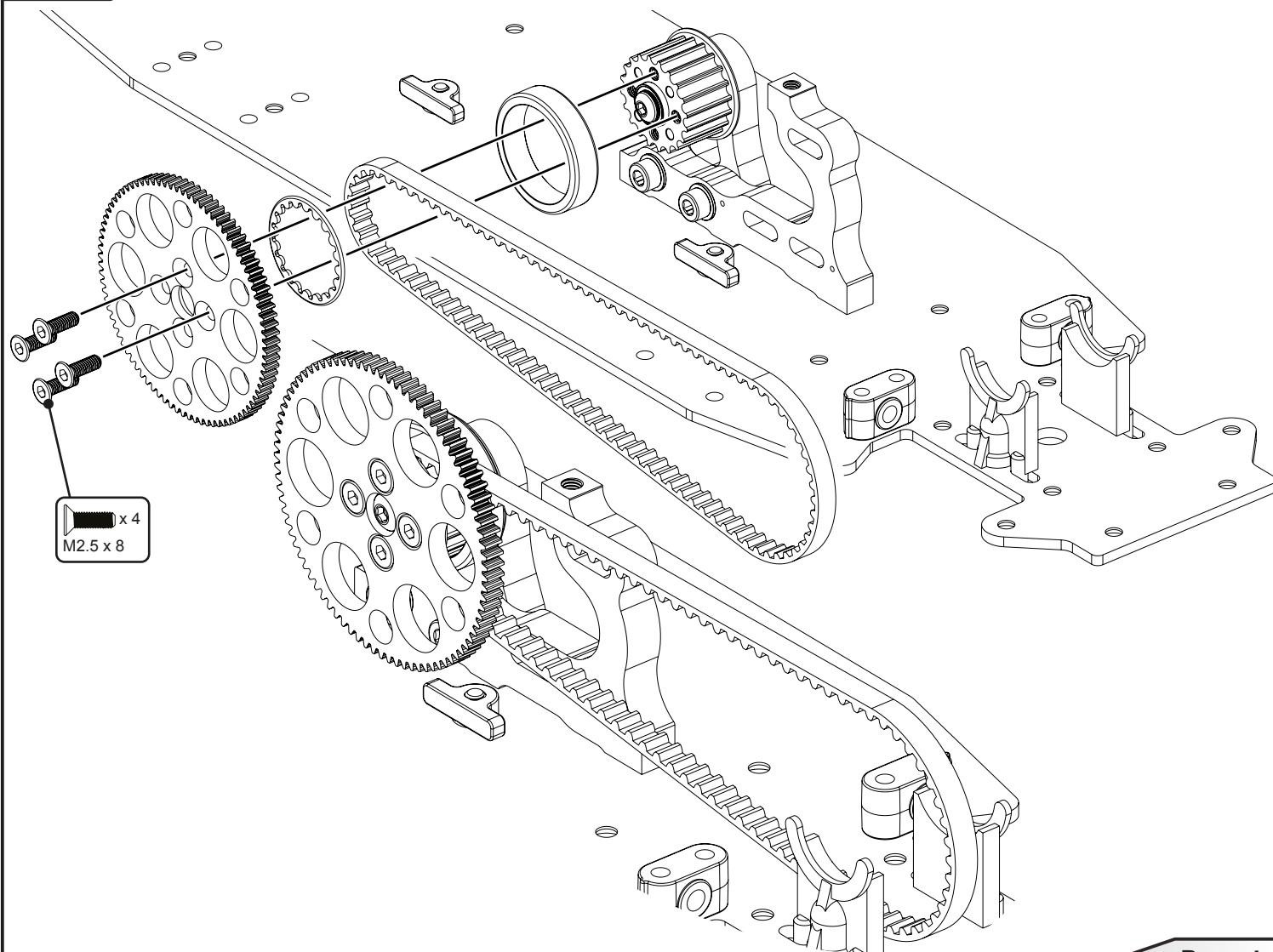


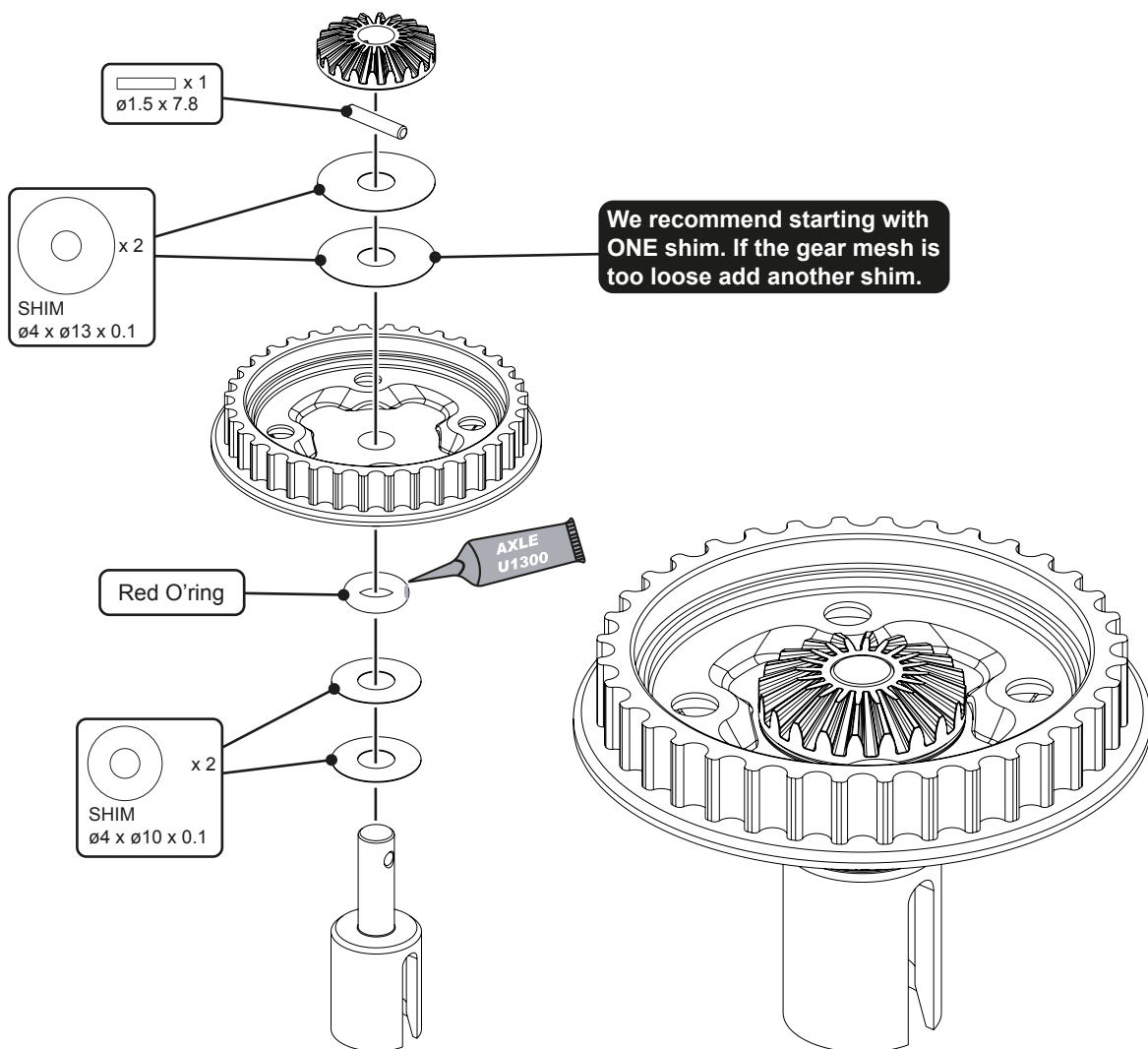
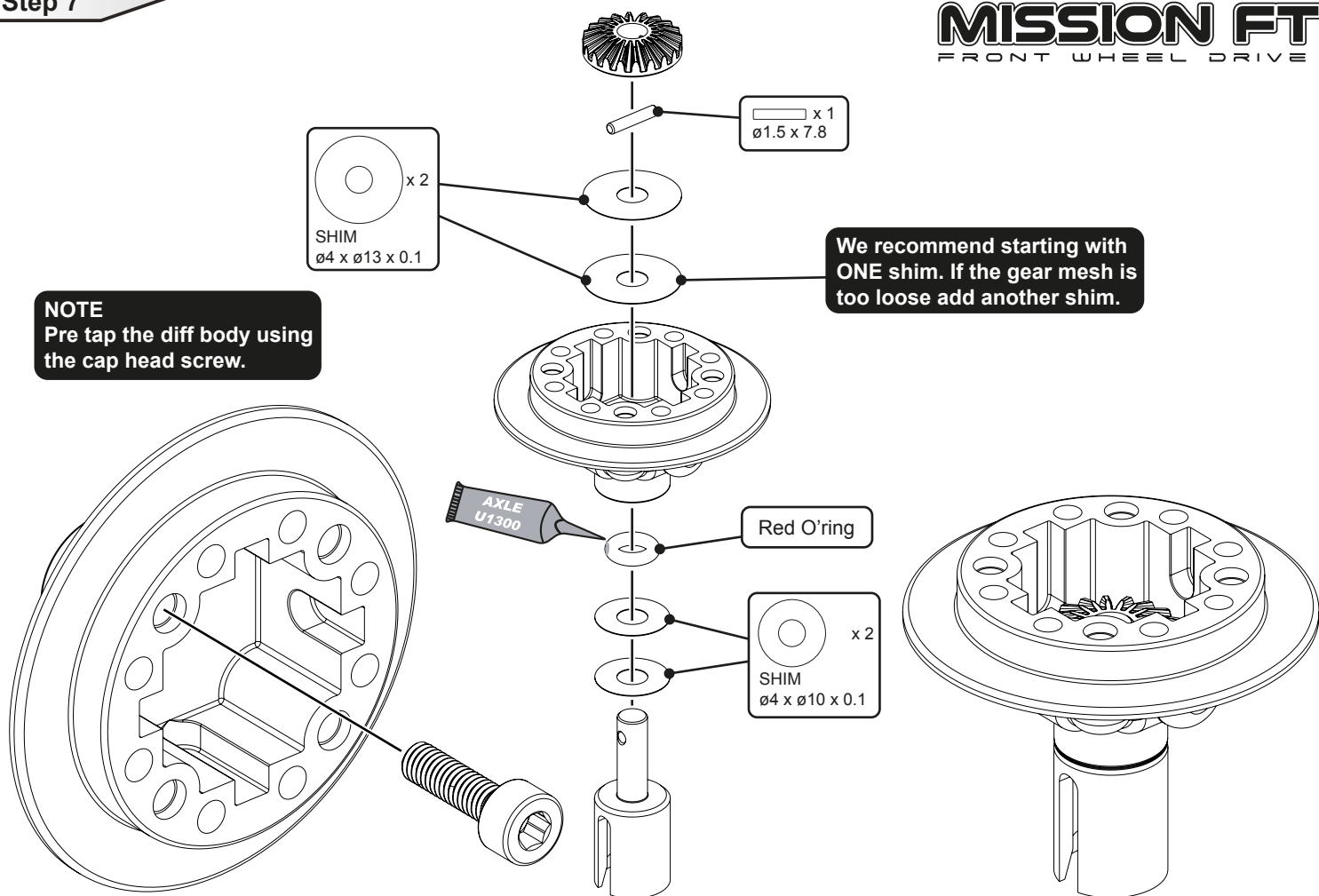


Step 5



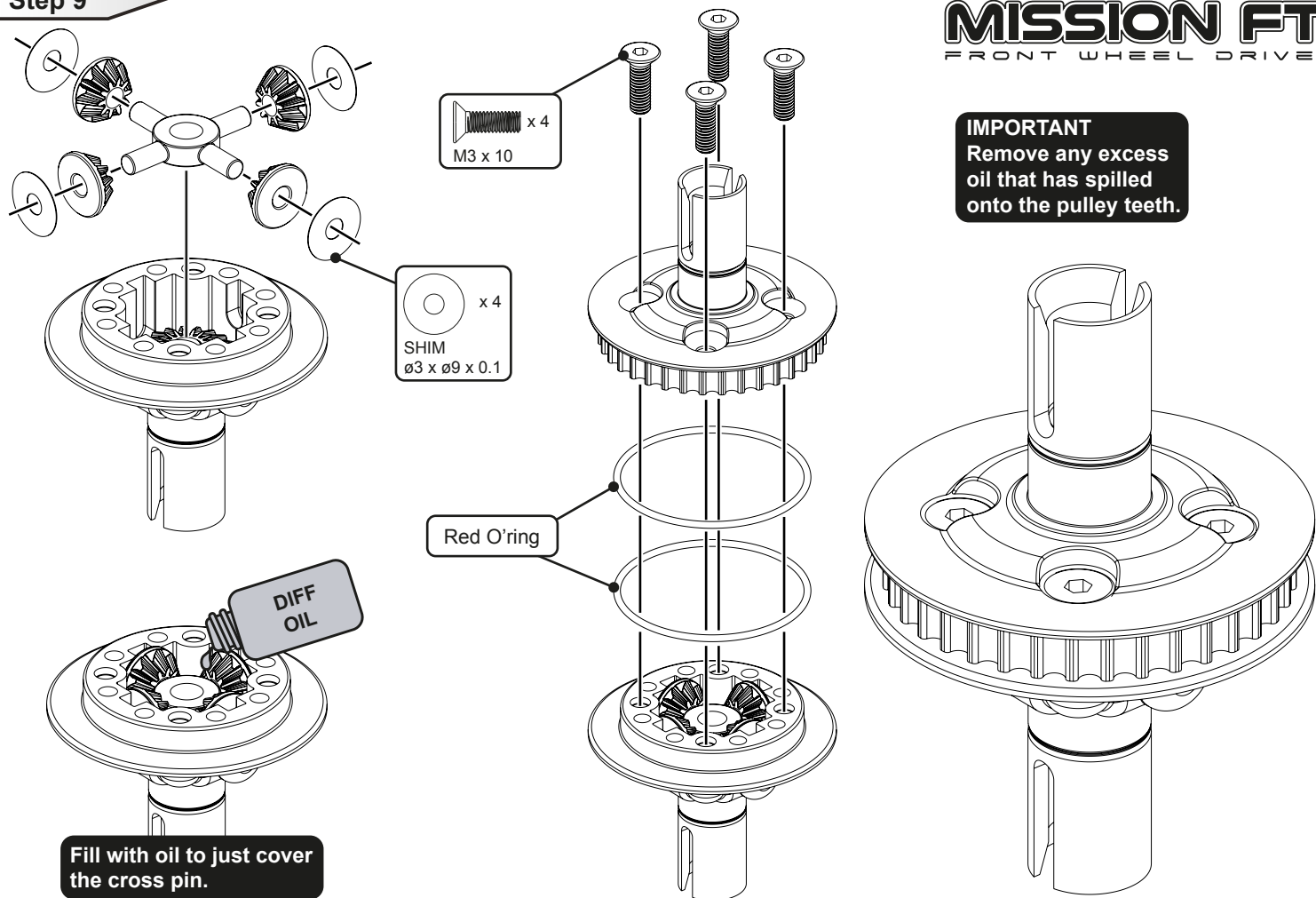
Step 6





Step 9

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



Step 10

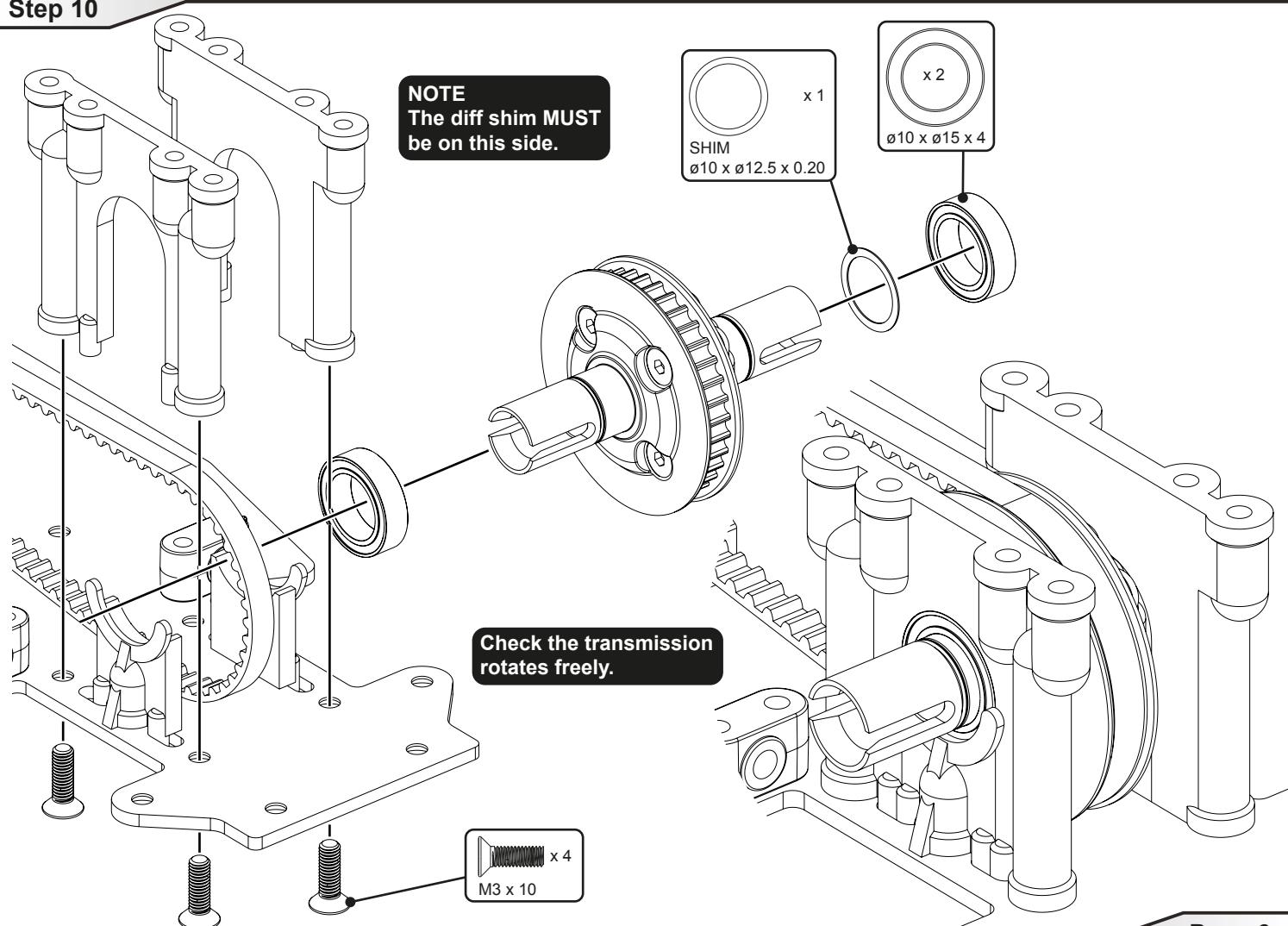
NOTE
The diff shim **MUST**
be on this side.

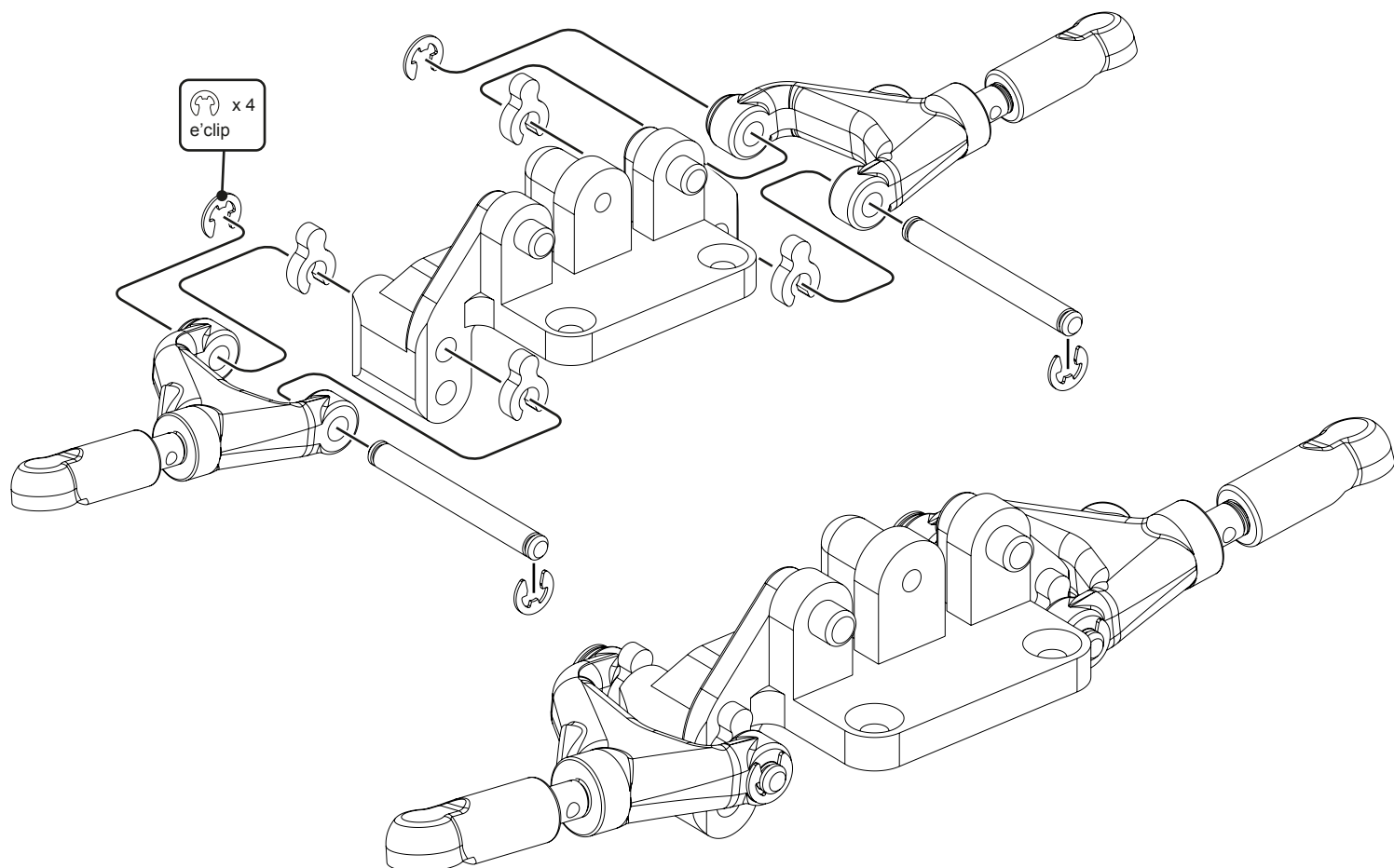
SHIM ø10 x ø12.5 x 0.20 x 1

ø10 x ø15 x 4 x 2

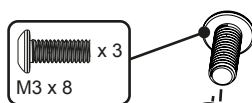
Check the transmission
rotates freely.

M3 x 10 x 4

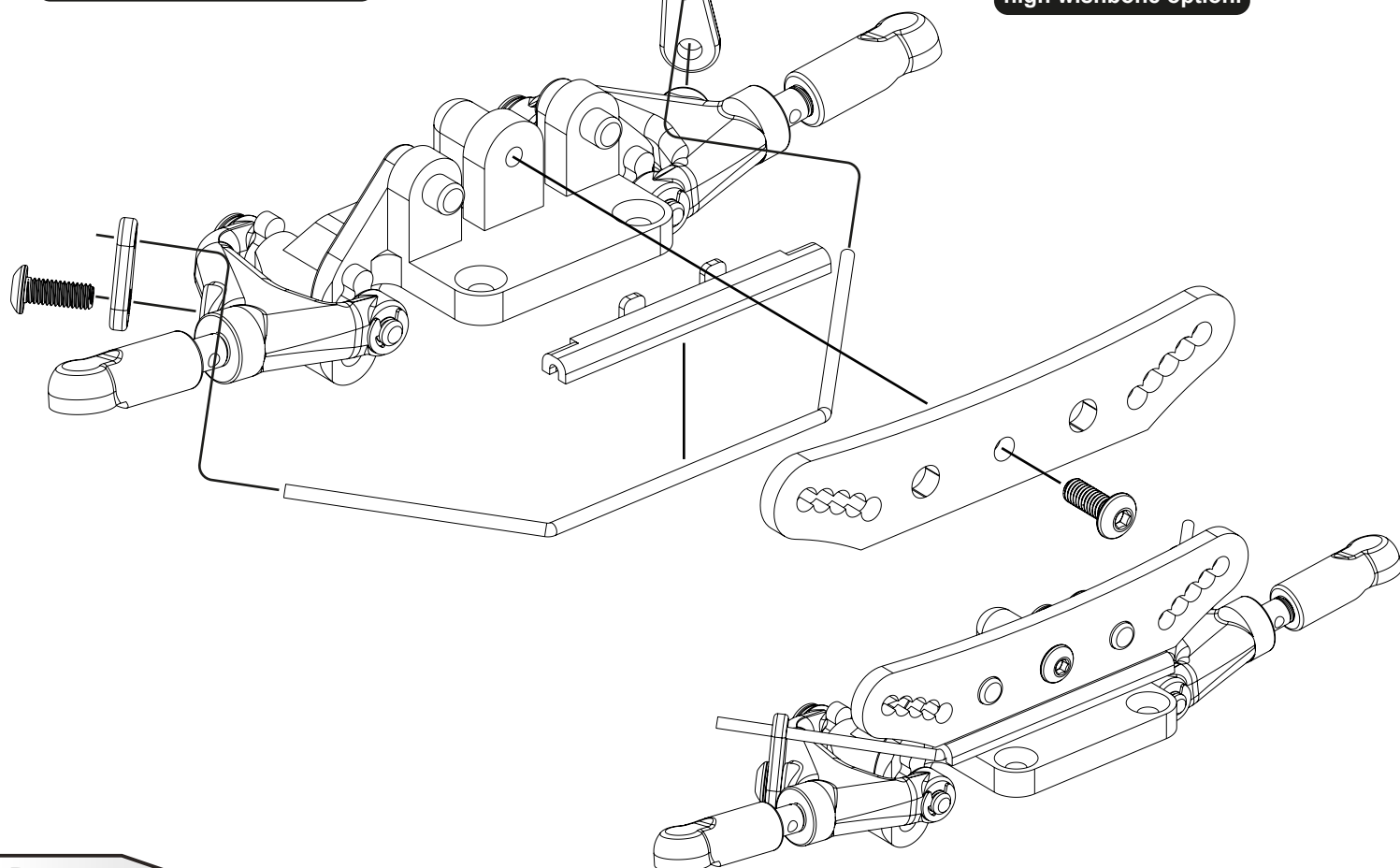




Adjust for minimum clearance
so link can rotate.

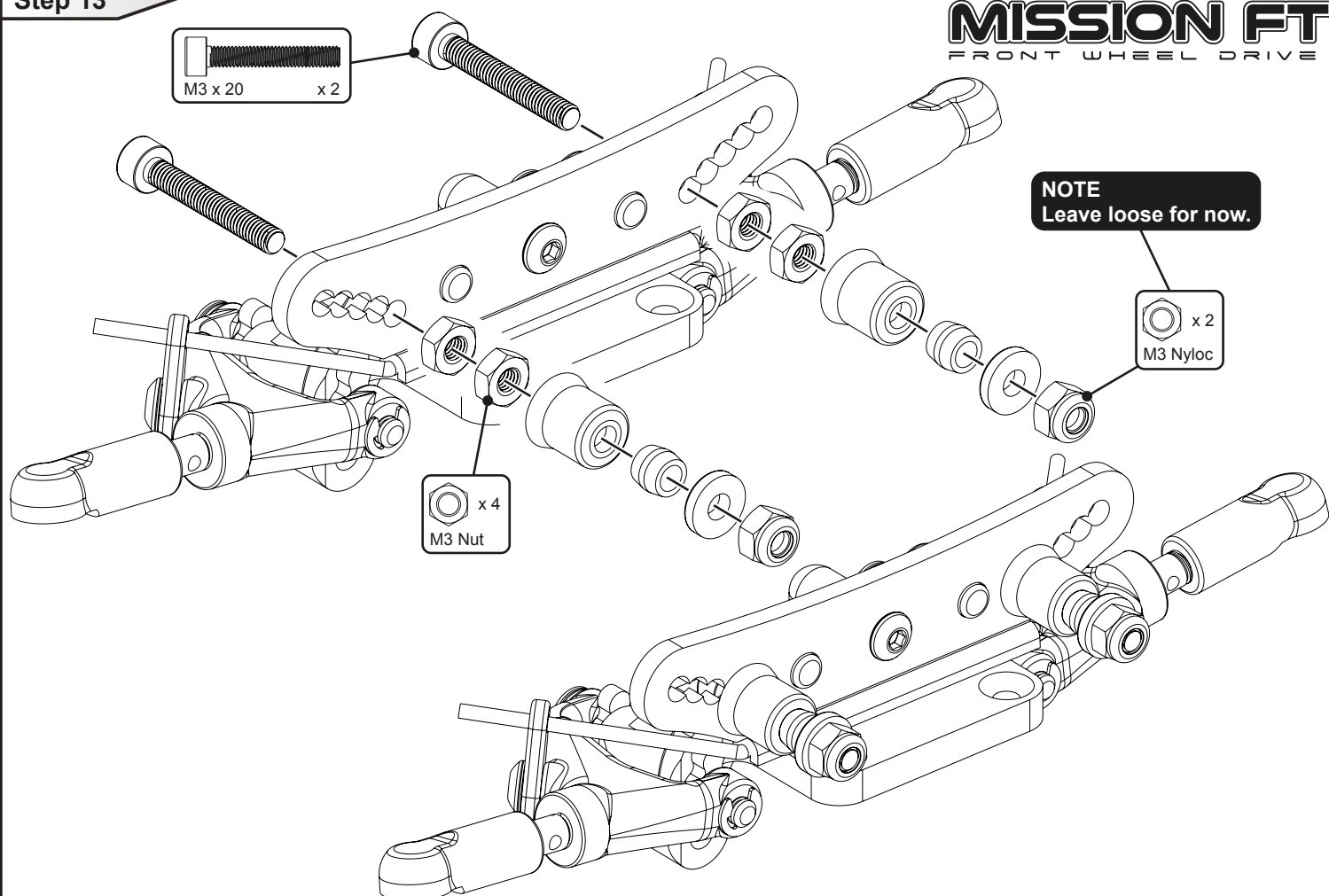


NOTE
Use the short links for
high wishbone option.

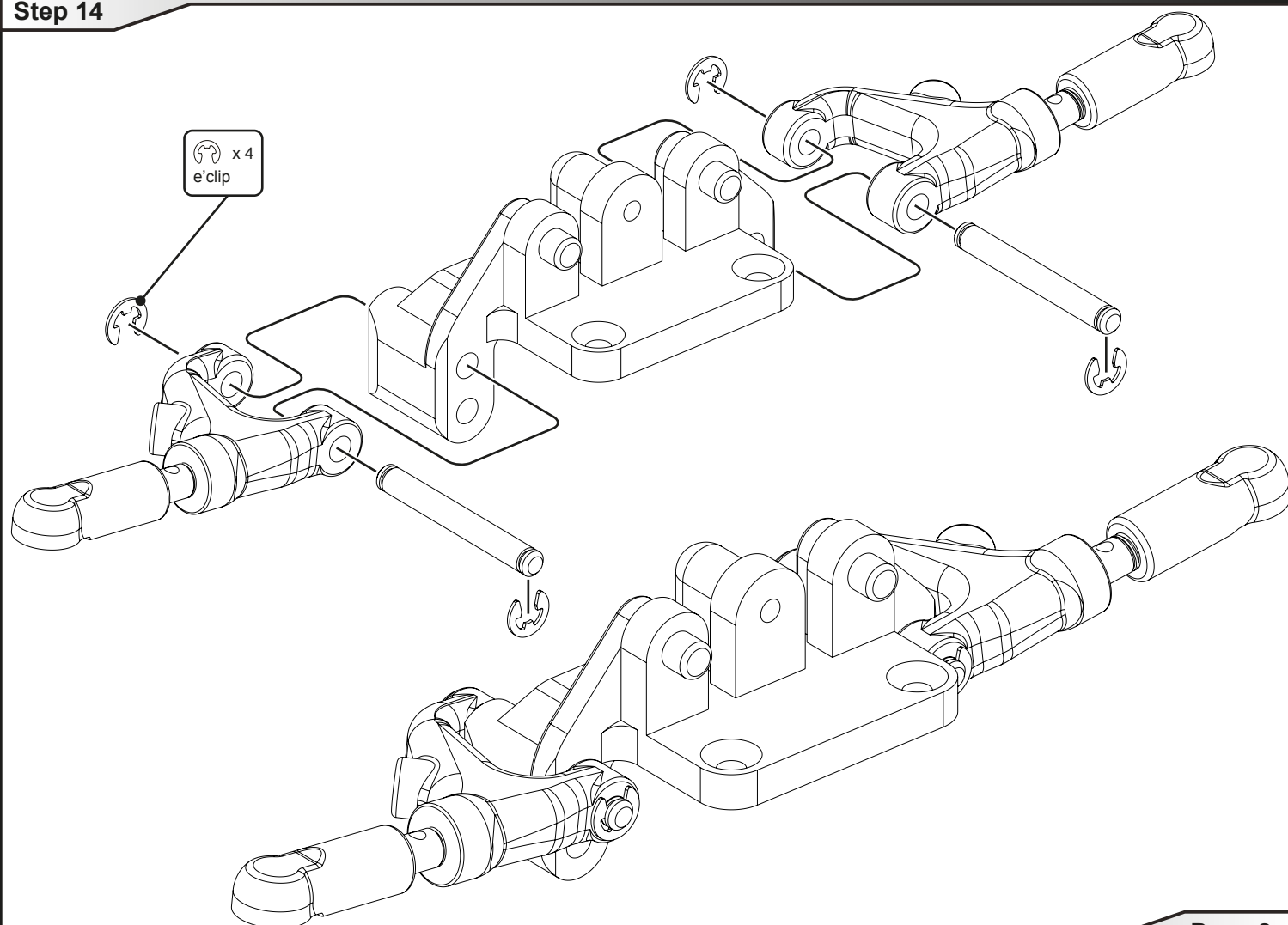


Step 13

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FRONT WHEEL DRIVE



Step 14



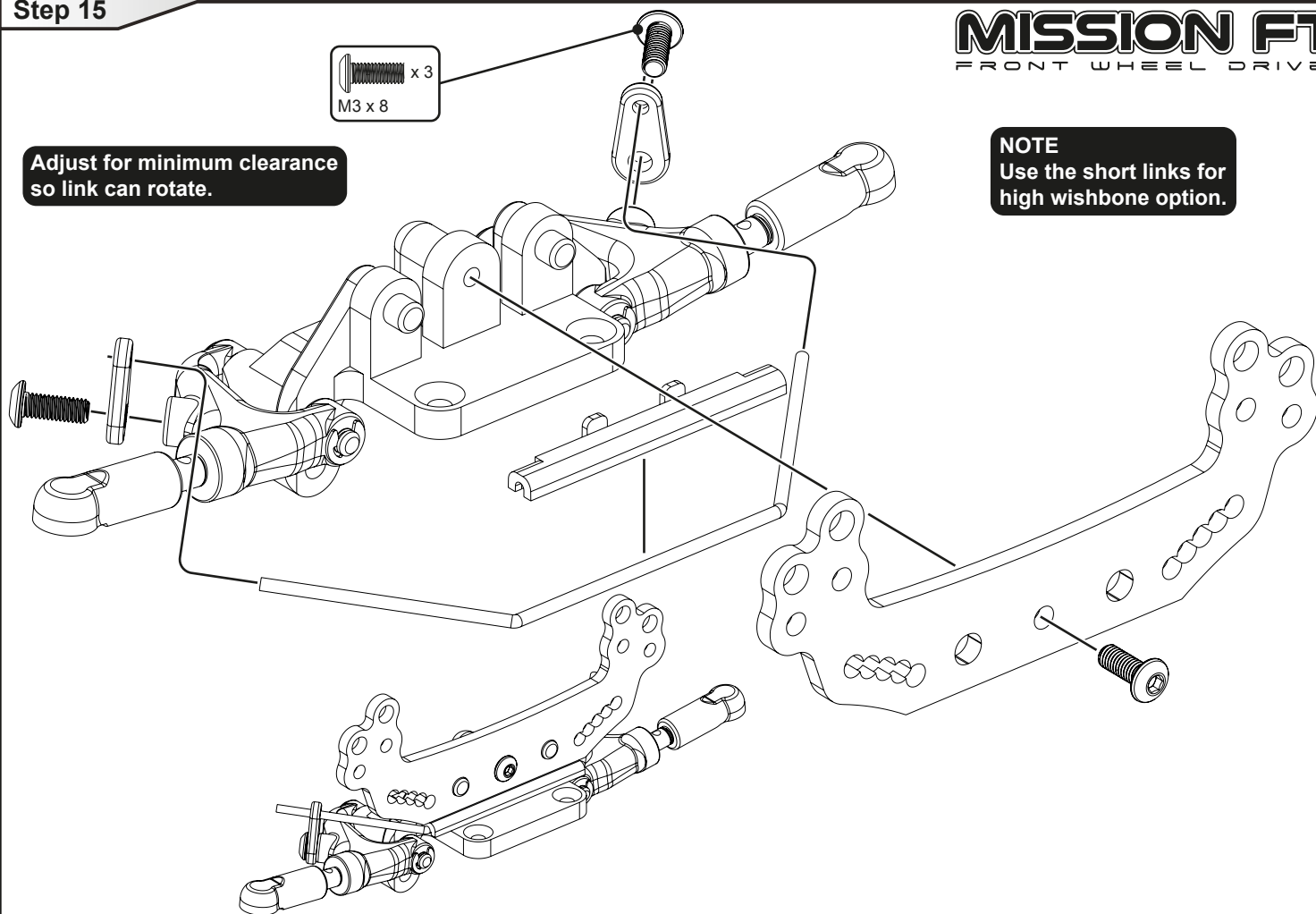
Step 15

MISSION FT
FRONT WHEEL DRIVE

M3 x 8 x 3

Adjust for minimum clearance
so link can rotate.

NOTE
Use the short links for
high wishbone option.



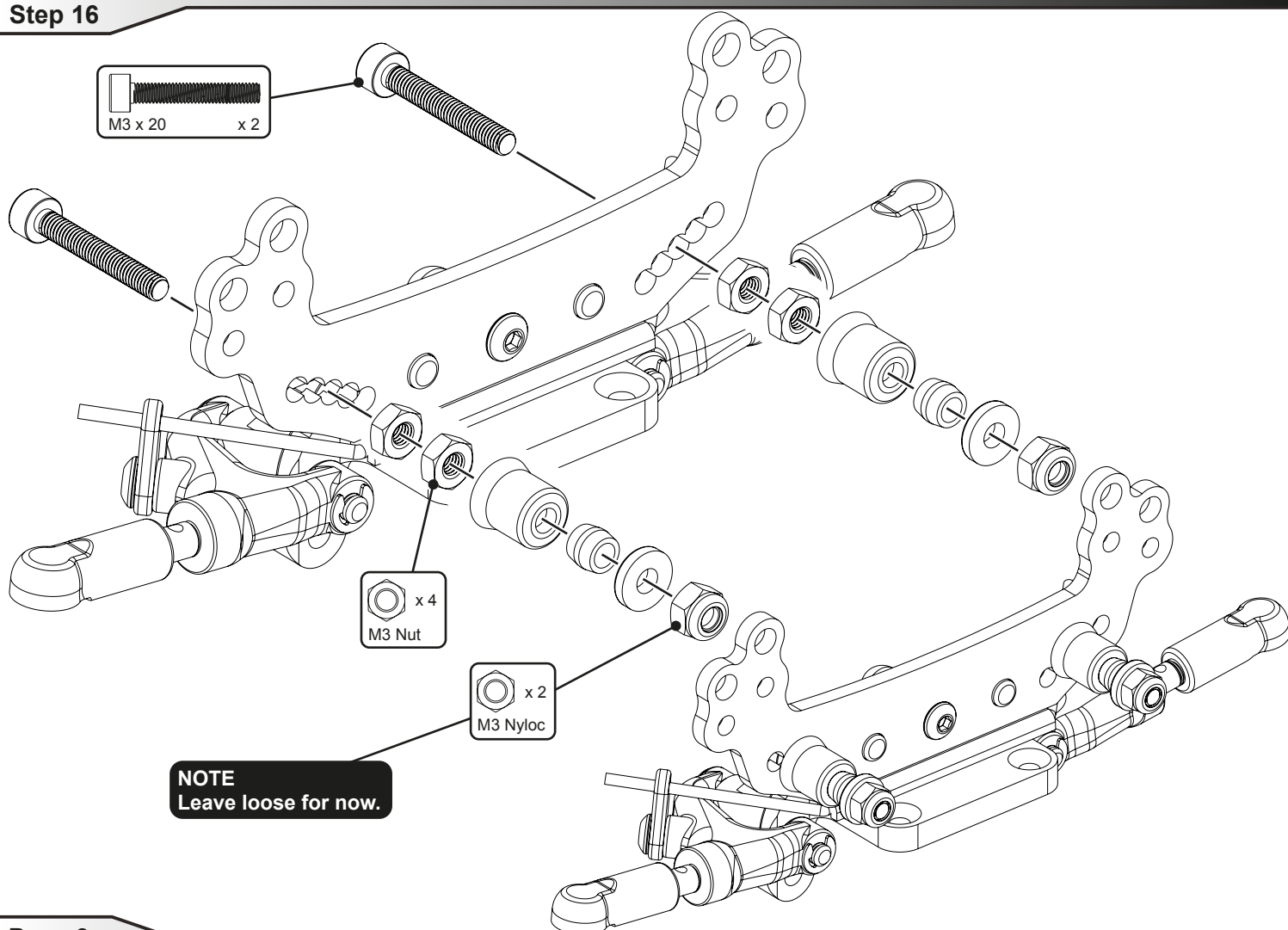
Step 16

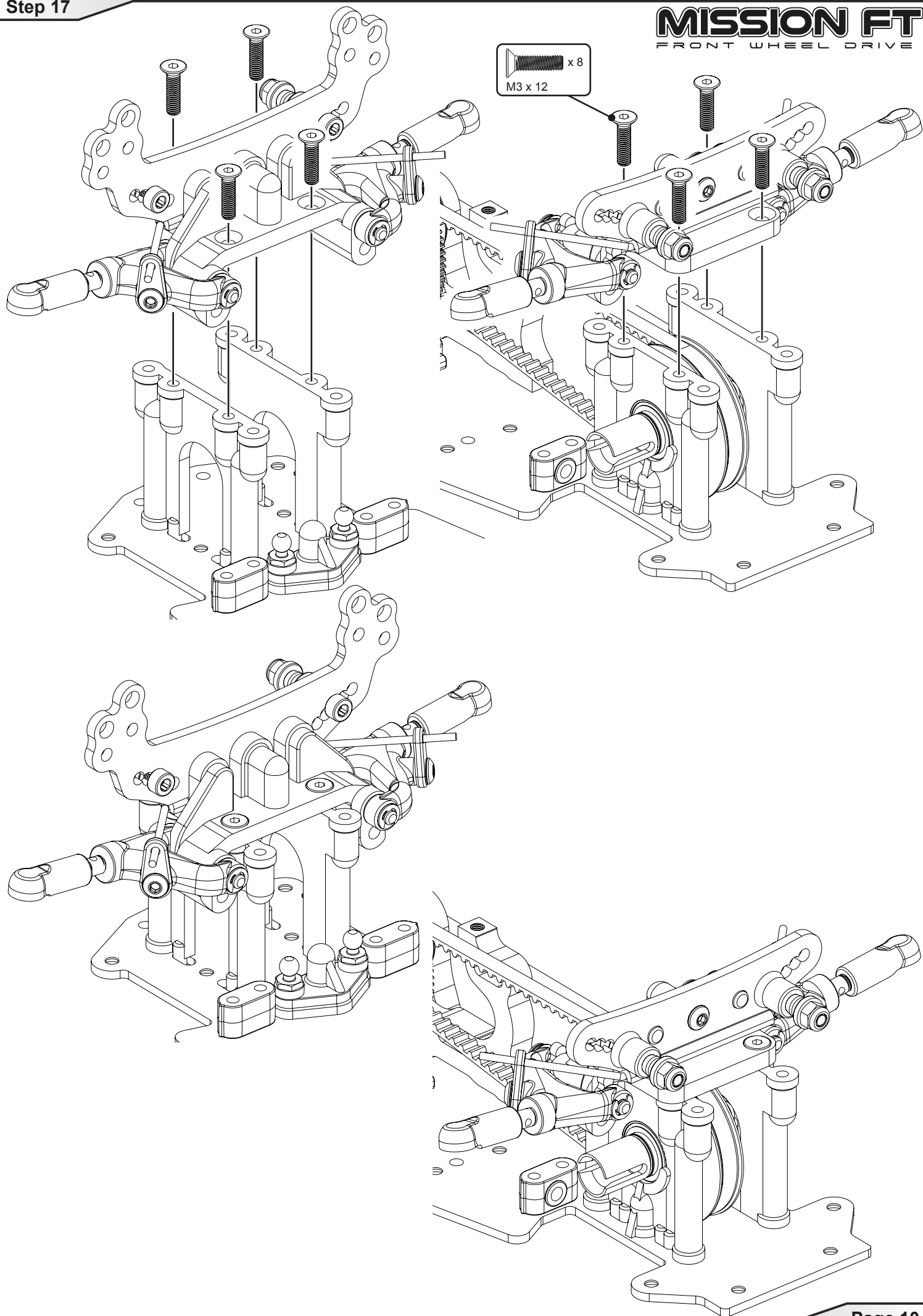
M3 x 20 x 2

M3 Nut x 4

M3 Nyloc x 2

NOTE
Leave loose for now.



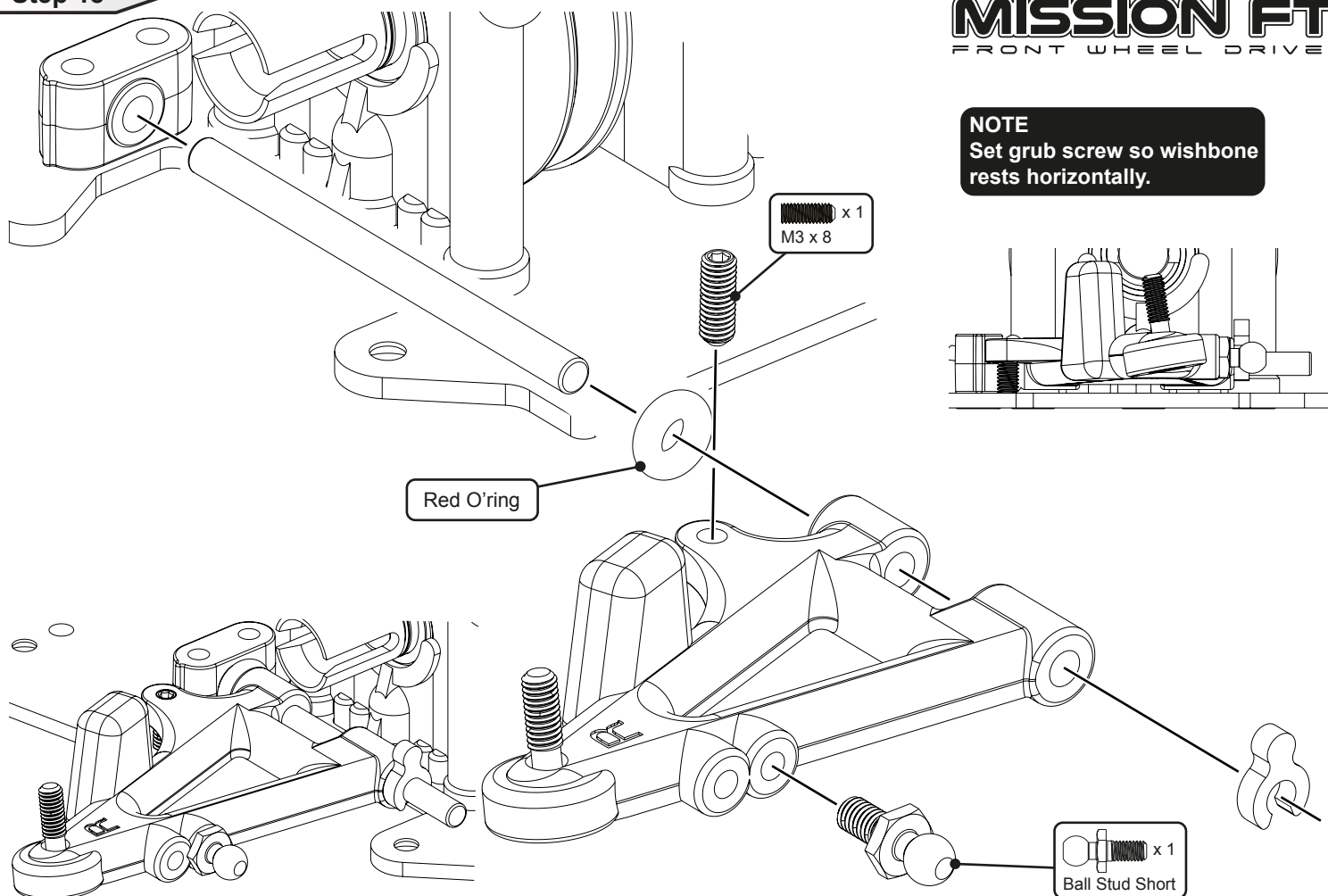


Step 18

MISSION FT
FRONT WHEEL DRIVE

NOTE

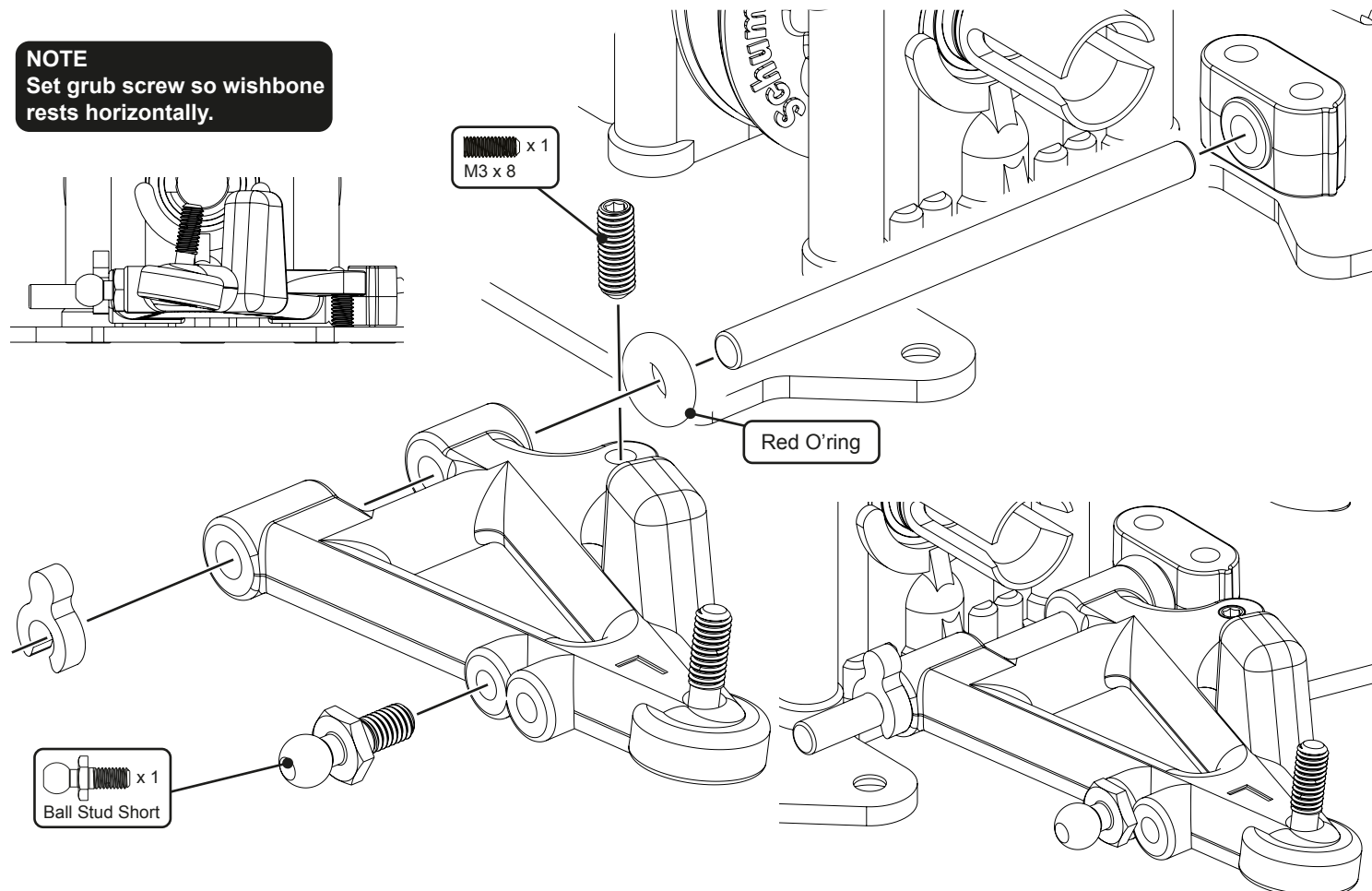
Set grub screw so wishbone rests horizontally.



Step 19

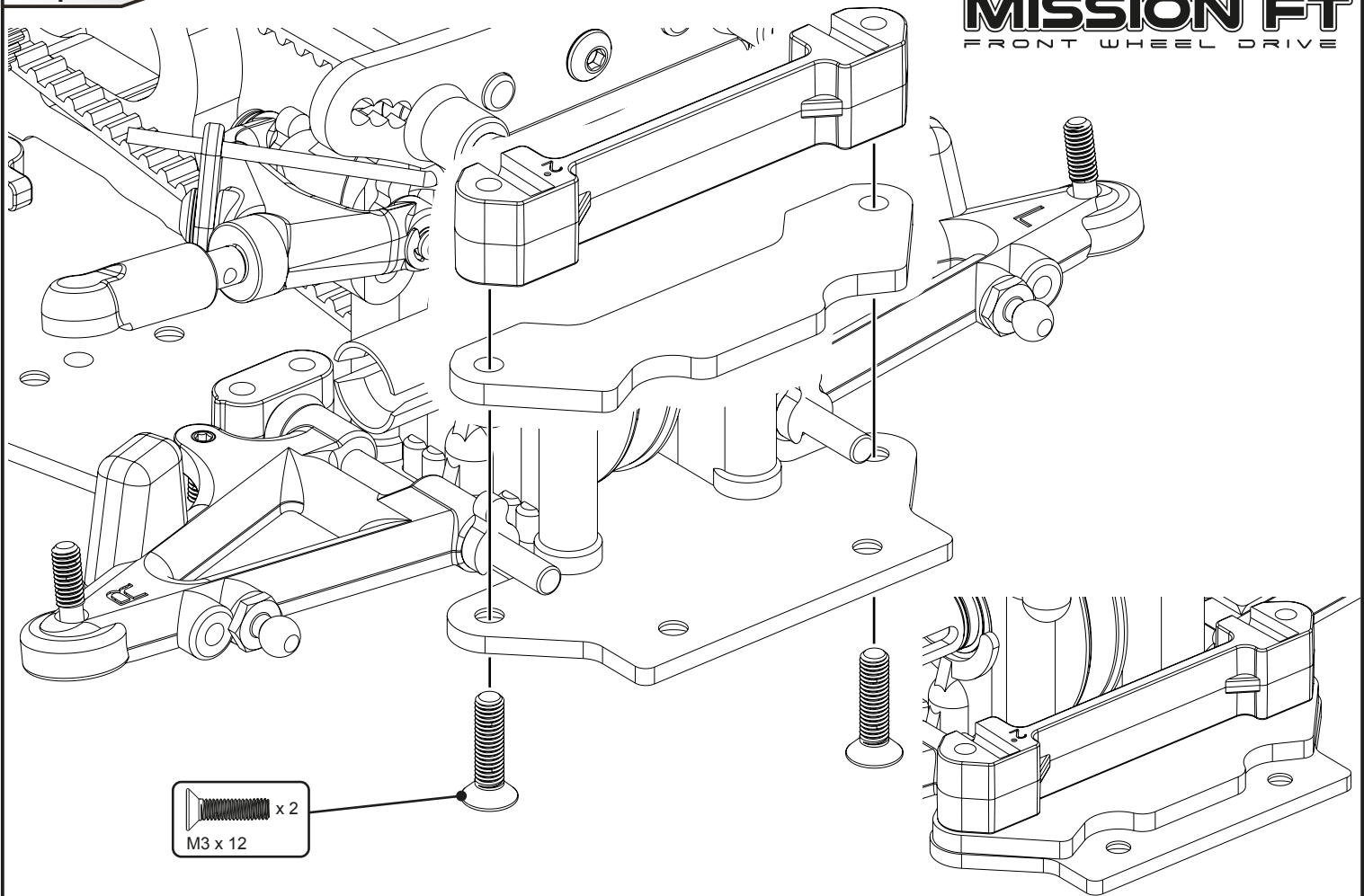
NOTE

Set grub screw so wishbone rests horizontally.



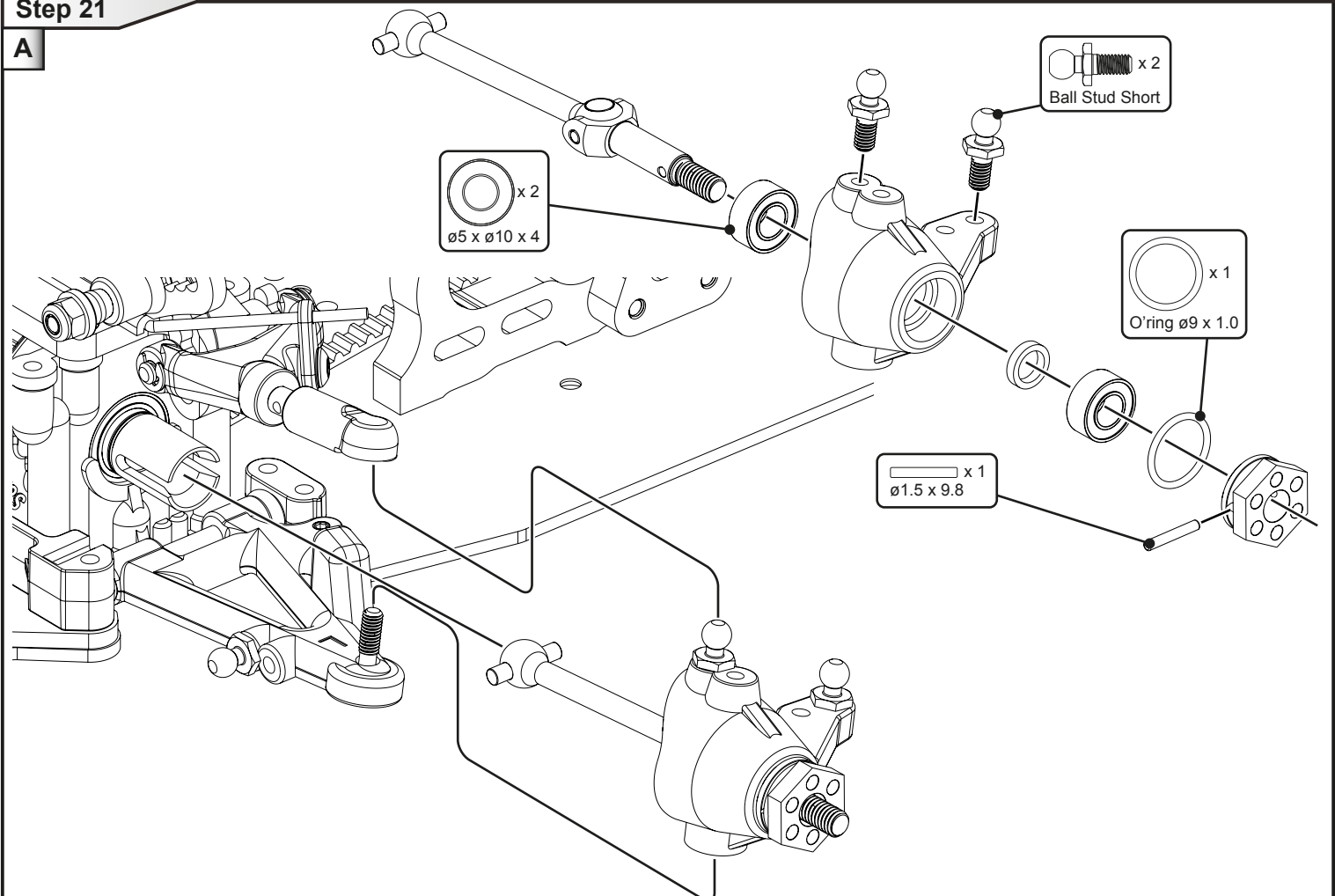
Step 20

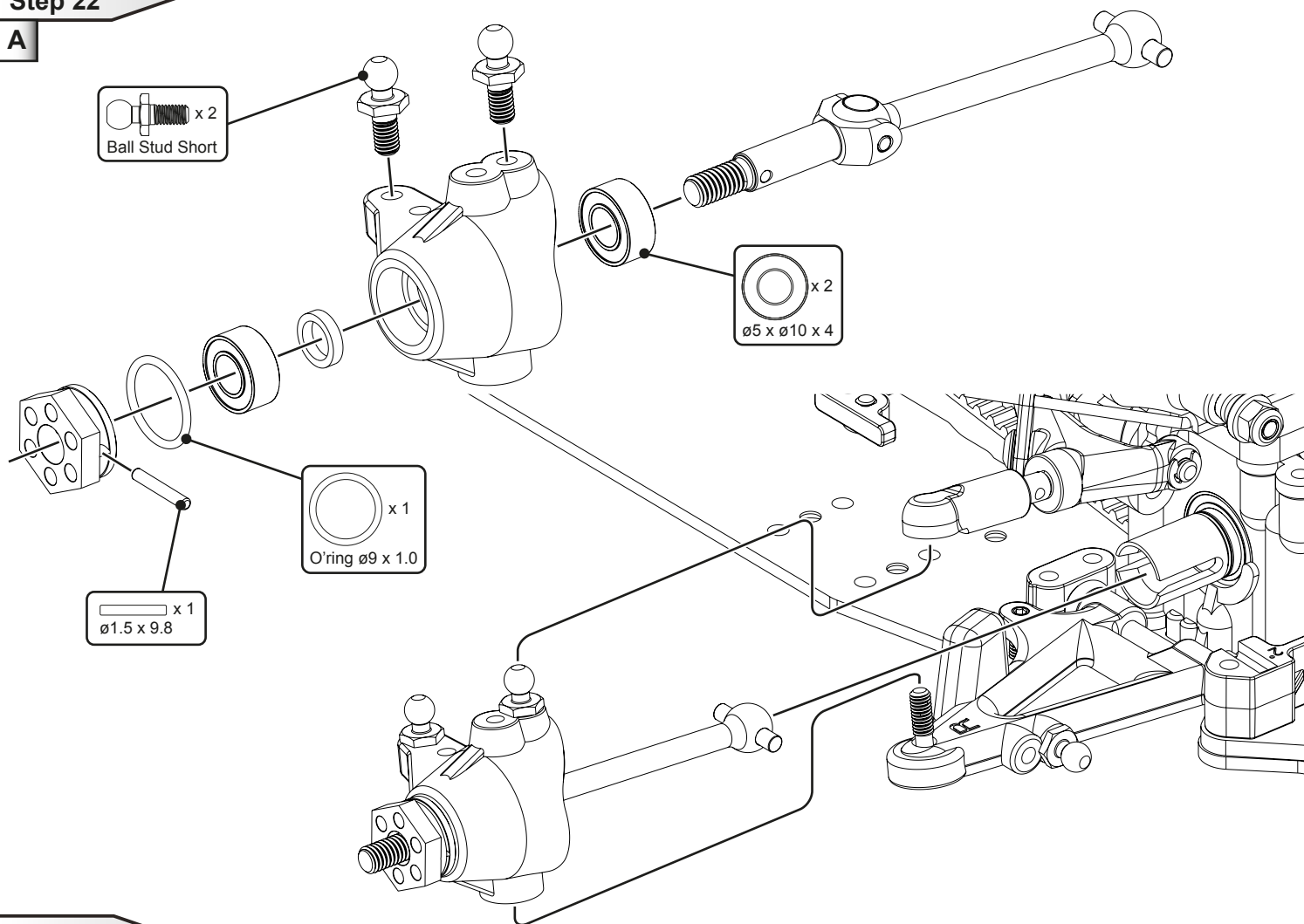
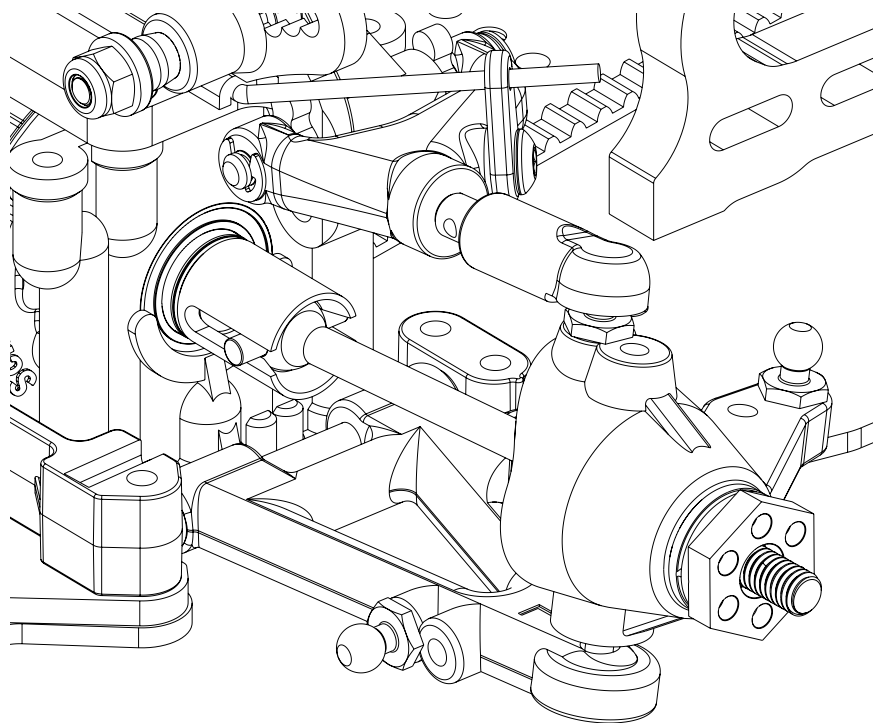
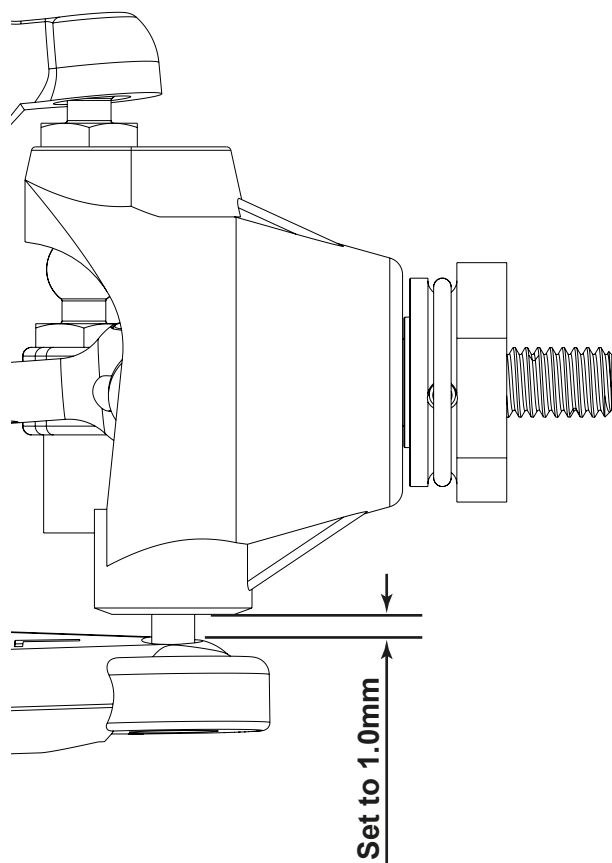
MISSION FT
FRONT WHEEL DRIVE

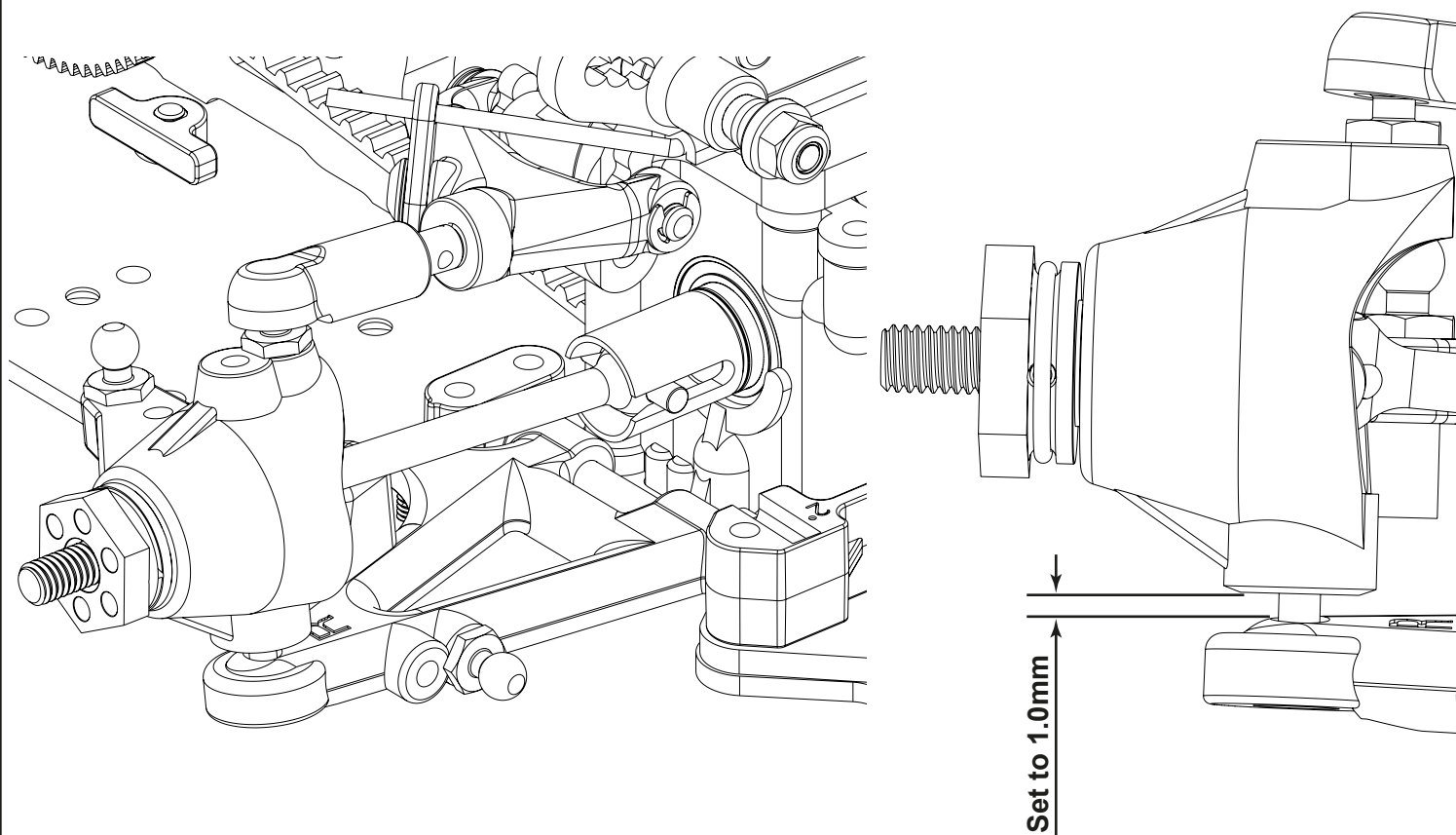


Step 21

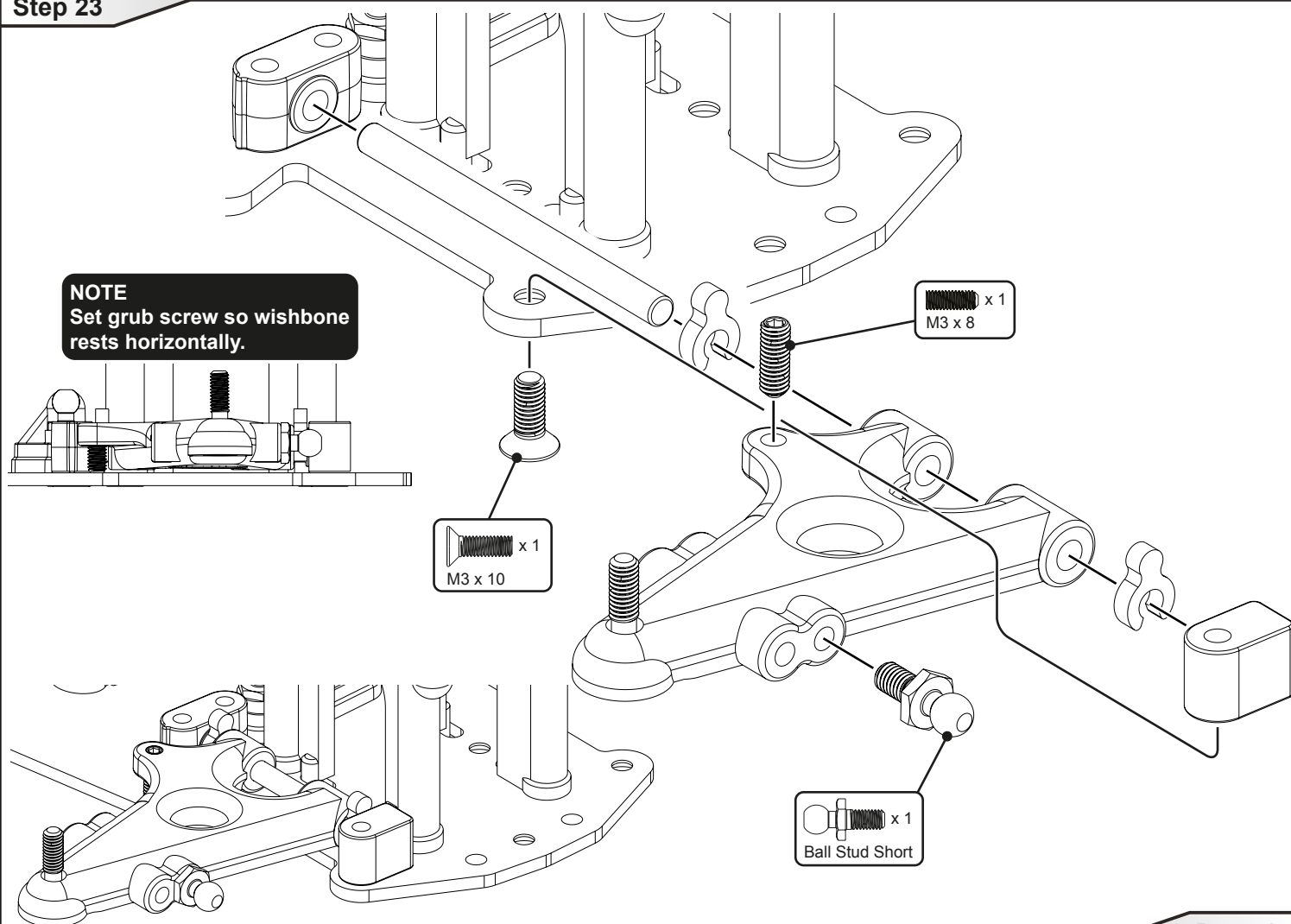
A





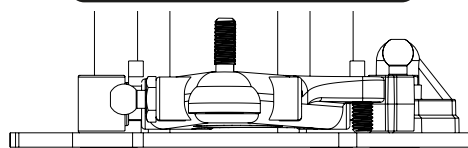


Step 23



NOTE

Set grub screw so wishbone rests horizontally.



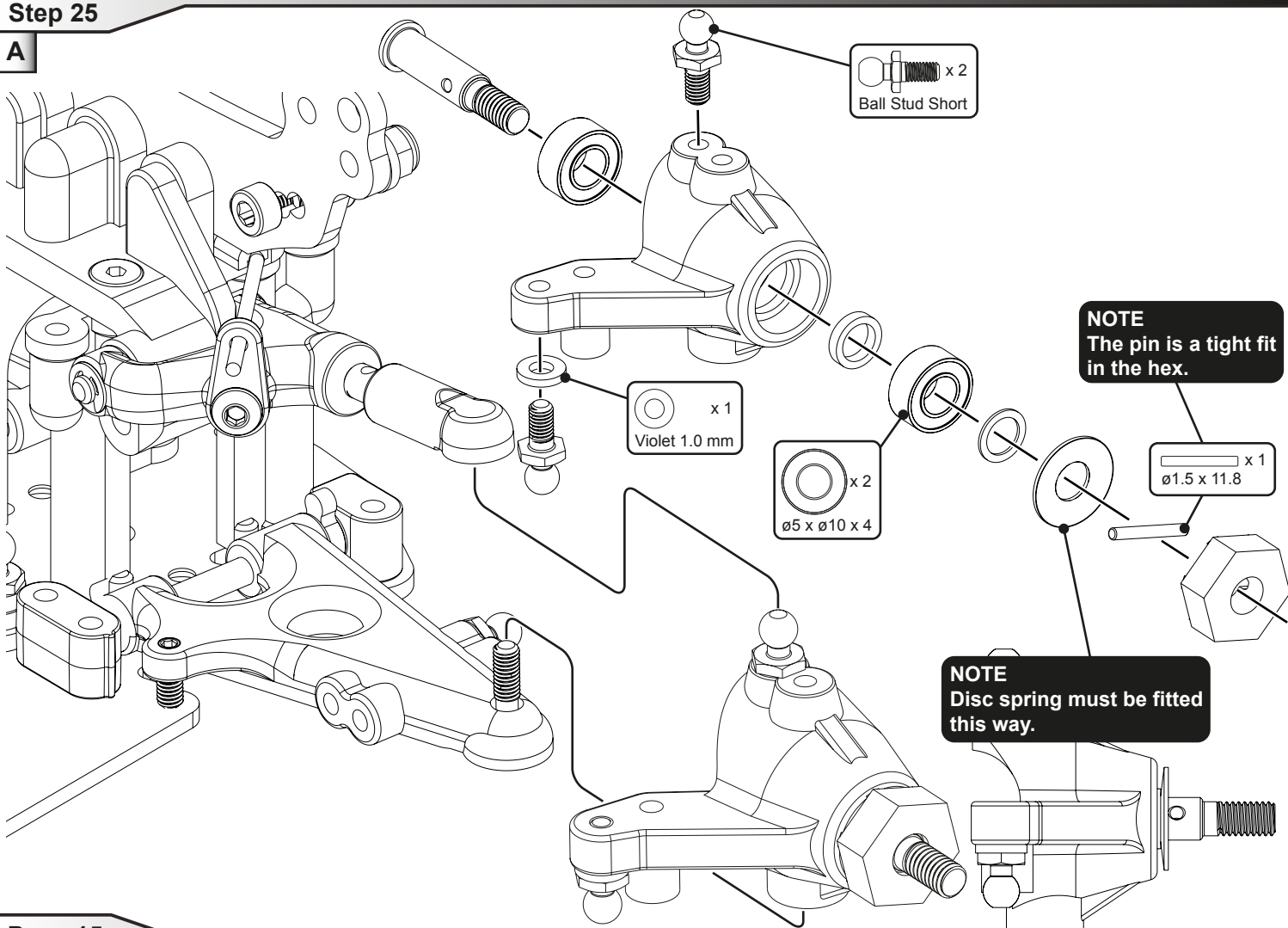
M3 x 8 x 1

M3 x 10 x 1

Ball Stud Short x 1

Step 25

A



Ball Stud Short x 2

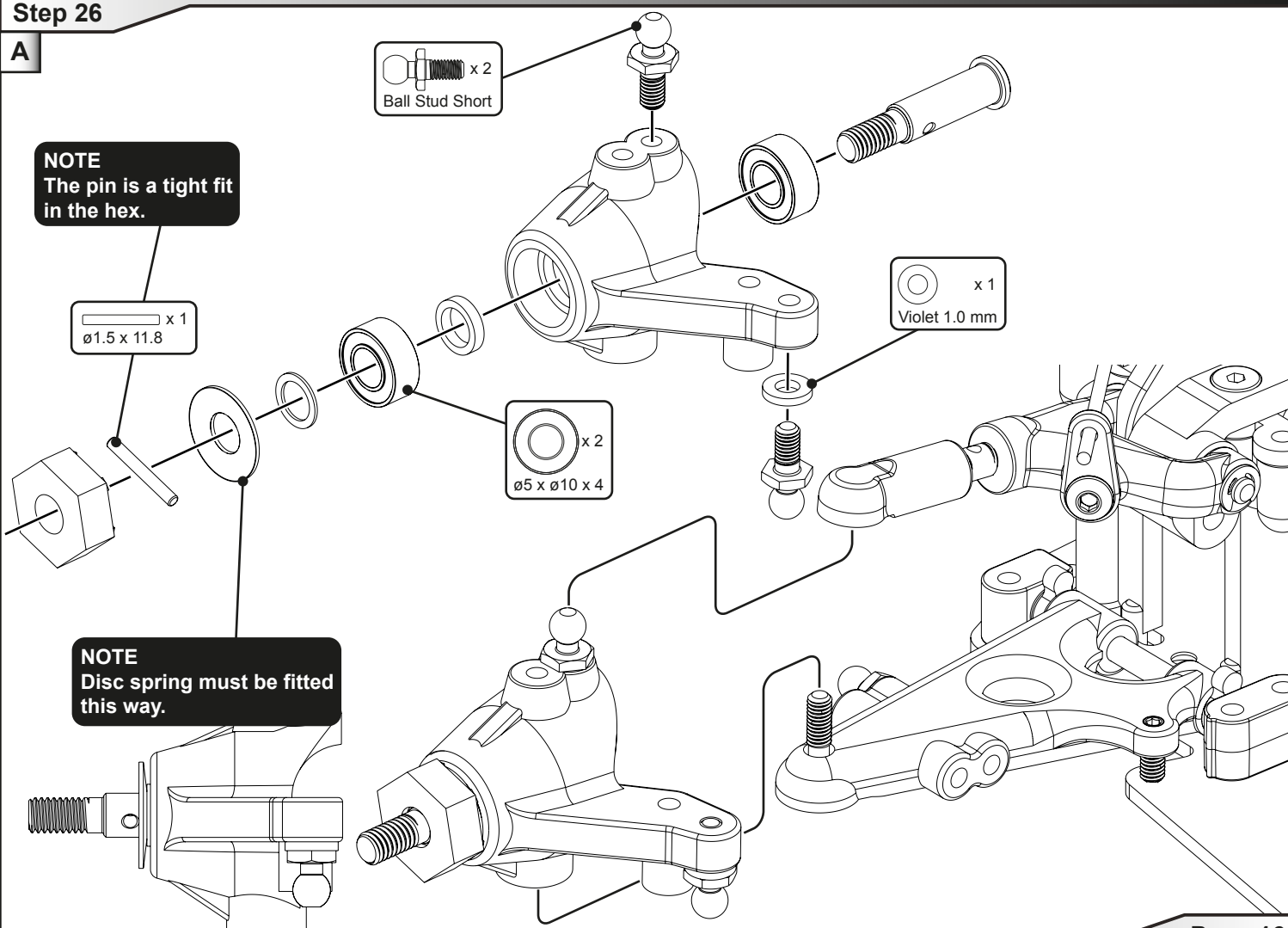
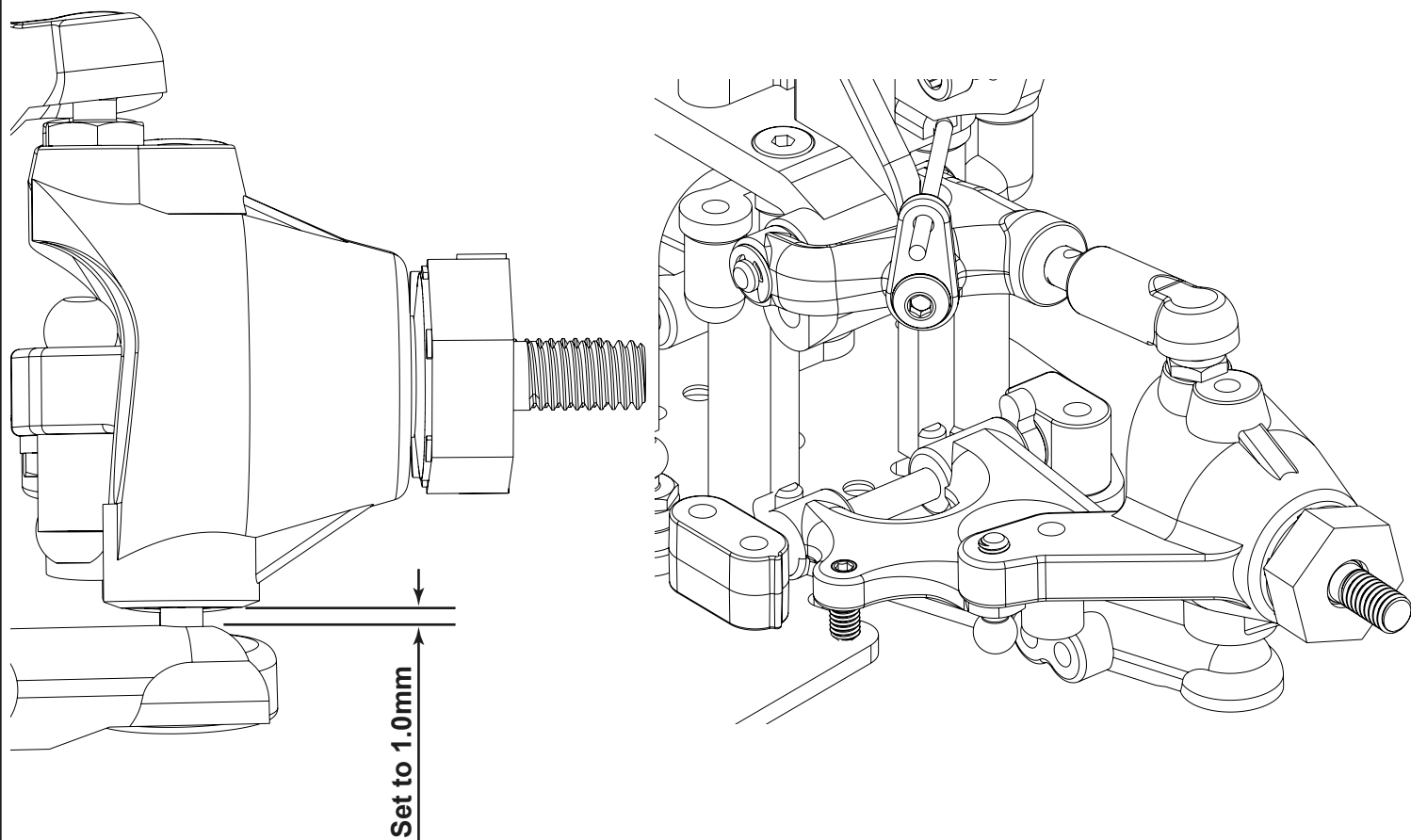
Violet 1.0 mm x 1

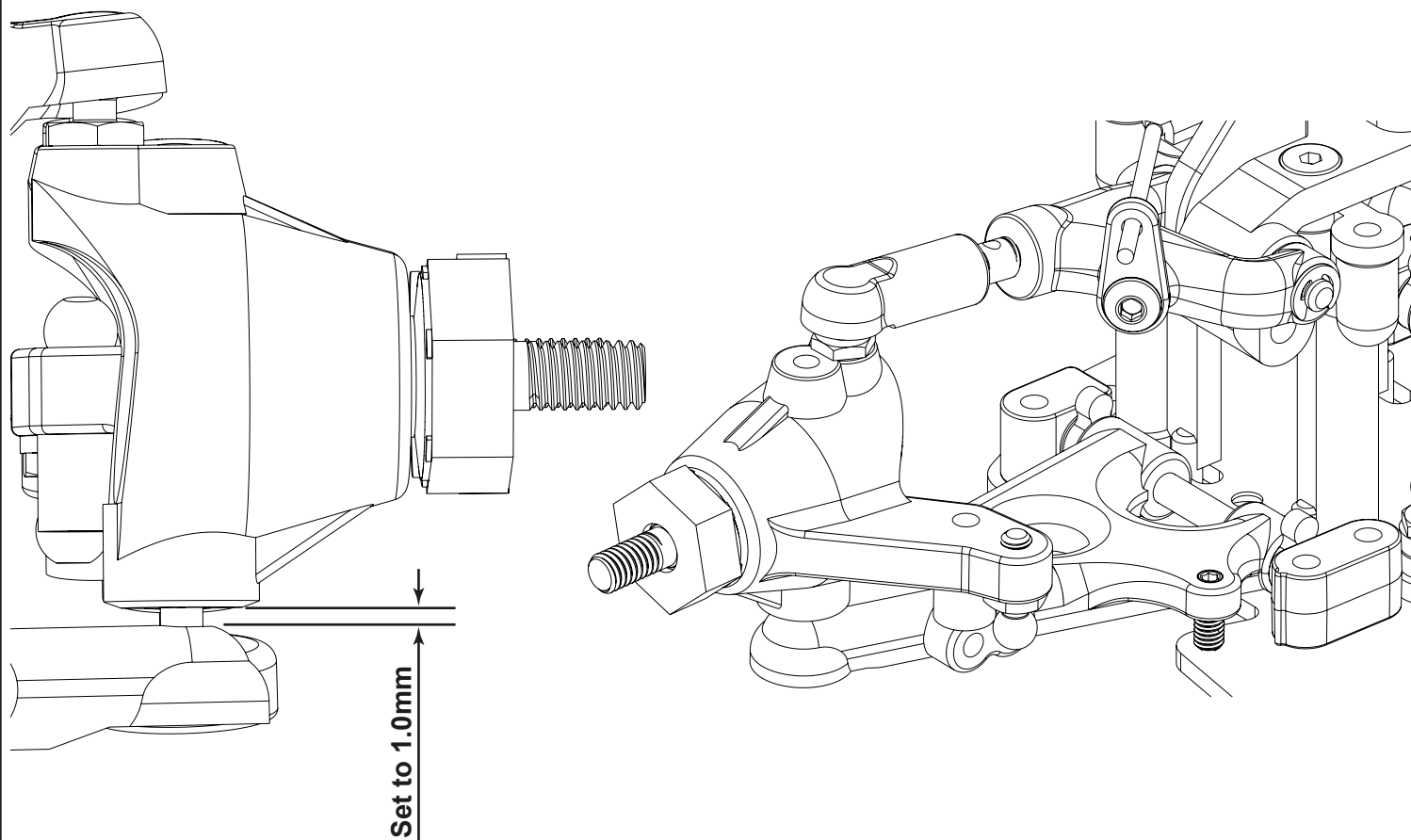
ø5 x ø10 x 4 x 2

NOTE
The pin is a tight fit in the hex.

ø1.5 x 11.8 x 1

NOTE
Disc spring must be fitted this way.





Step 27

A

Note the shape of the turnbuckle.
This side is the left hand thread.

RH Thread

LH Thread

LH Thread

Shorter Link

RH Thread

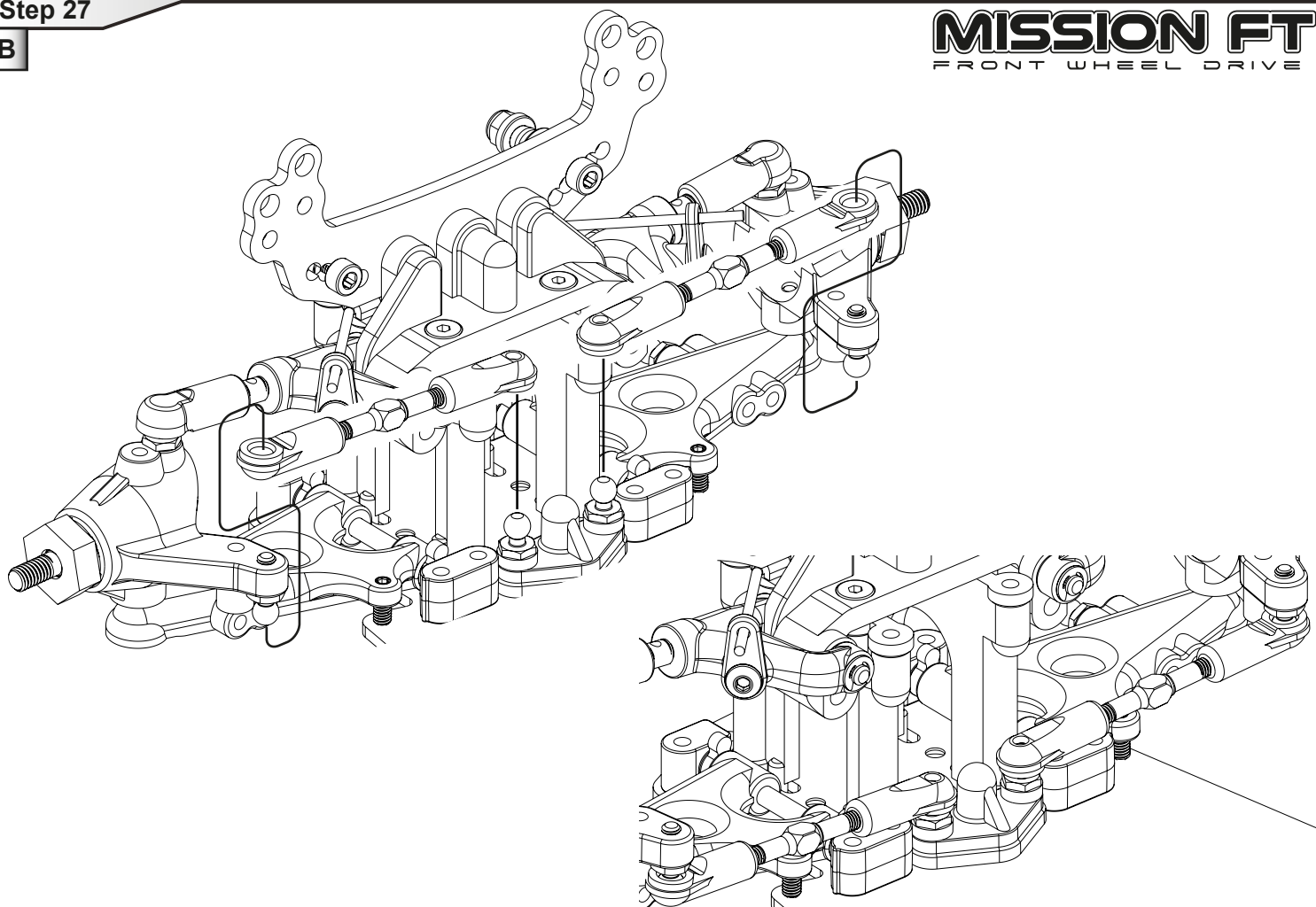
Longer Link

Screwing the sockets onto the turnbuckle until no threads are visible, and then undoing them to the desired length allows for easier adjustment on the car. Greasing the threads will also help.

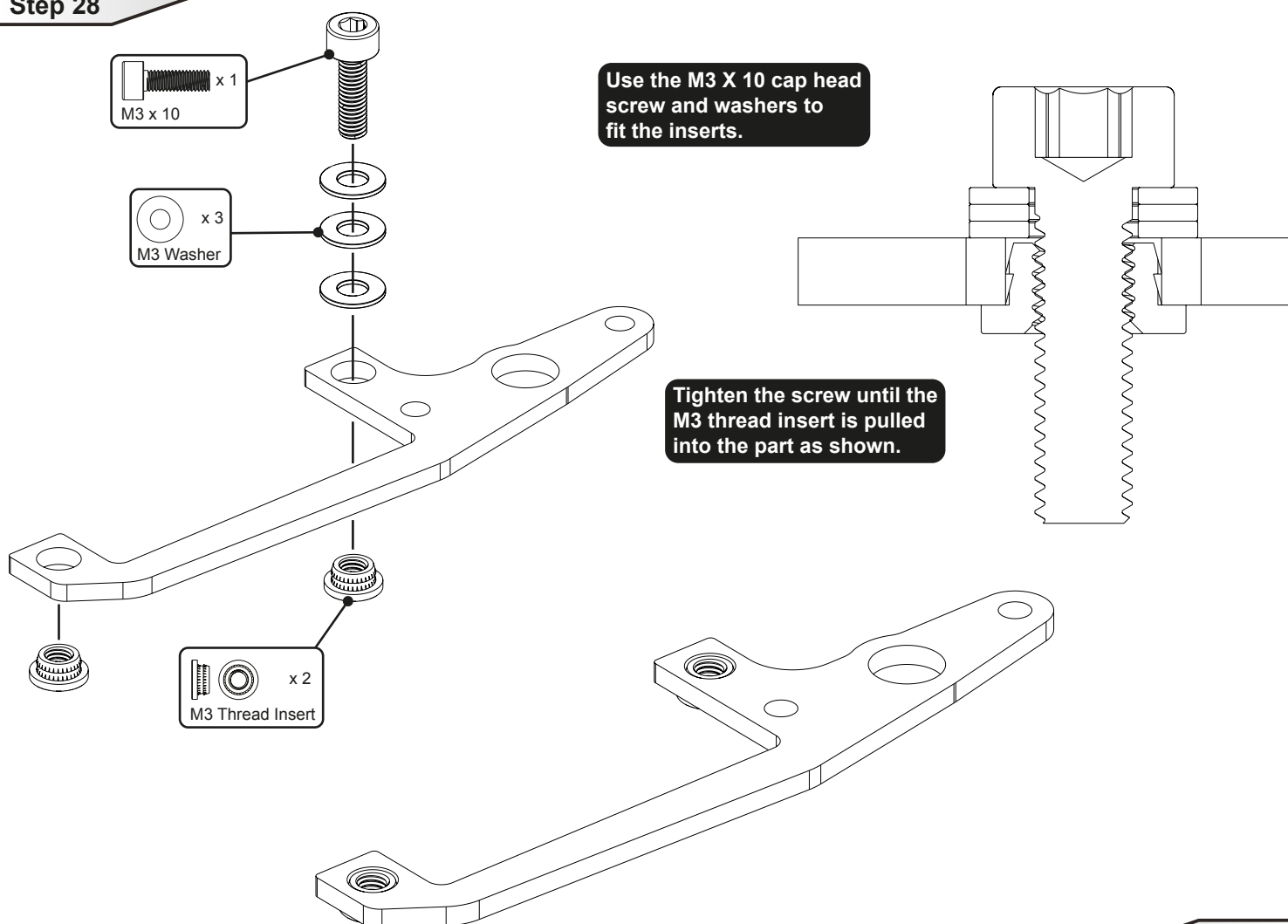
Left Hand Side

Right Hand Side

21.50mm

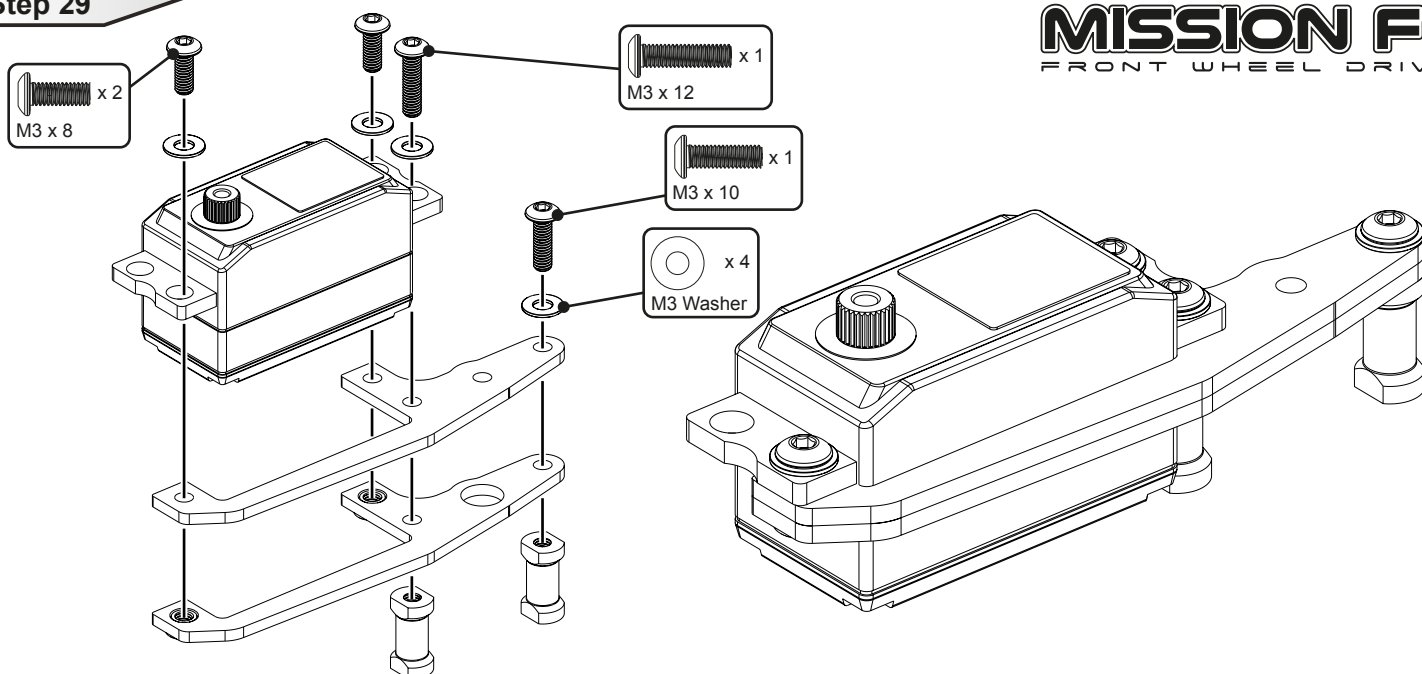


Step 28

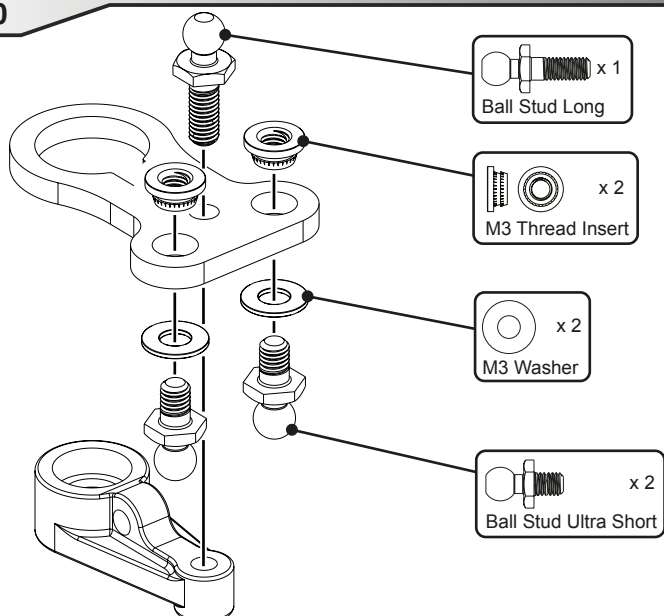


Step 29

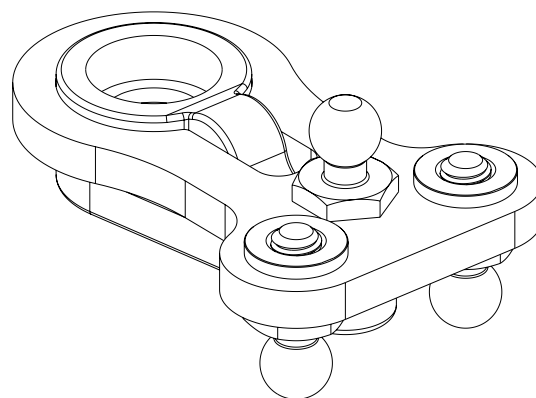
MISSION FT
FRONT WHEEL DRIVE



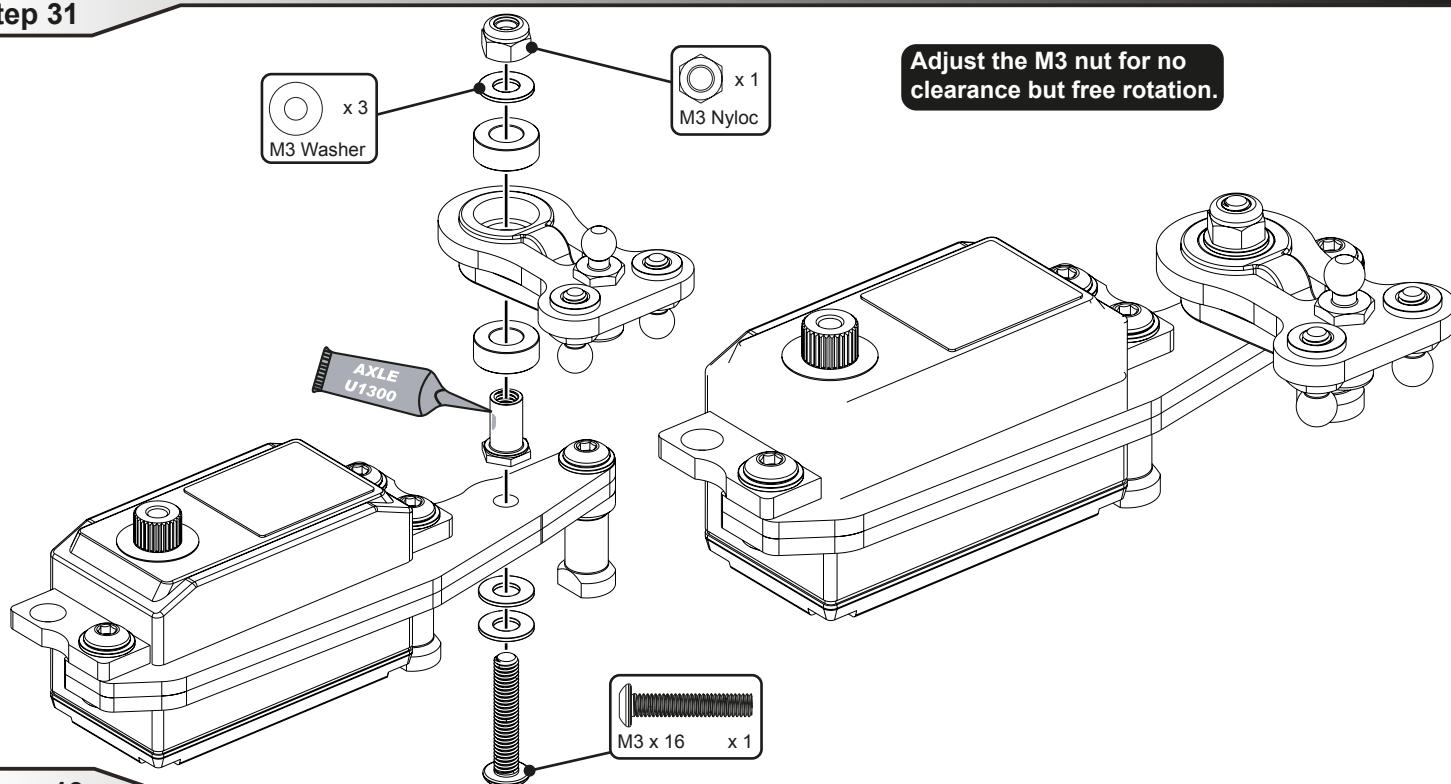
Step 30



**Press in the brass inserts
in the same way as step 28.**



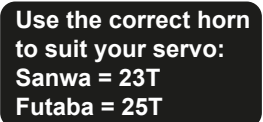
Step 31



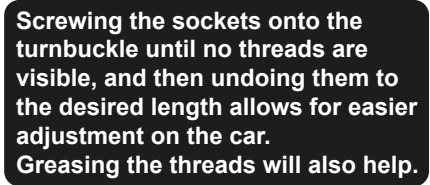
**Adjust the M3 nut for no
clearance but free rotation.**

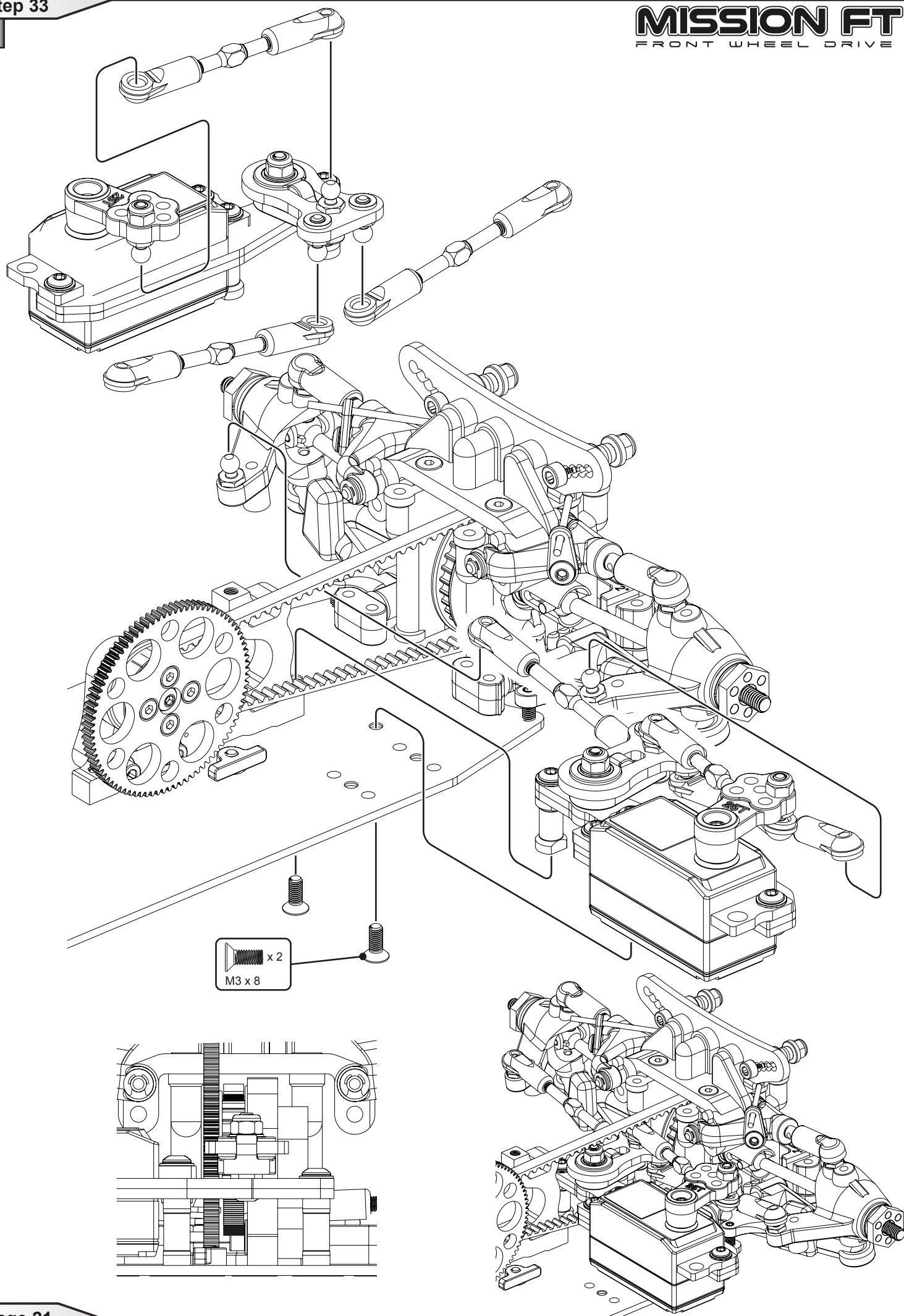
MISSION FT

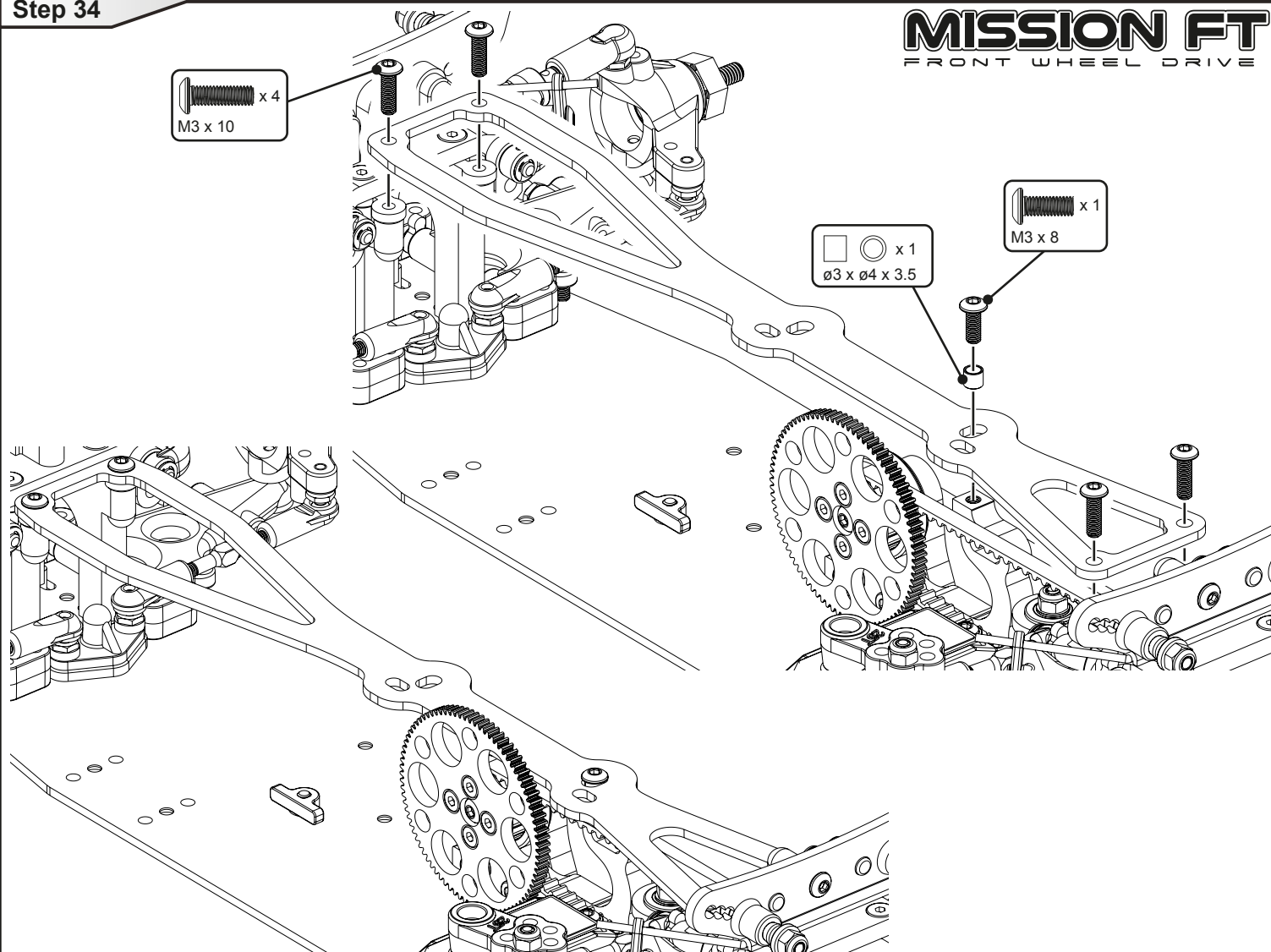
FRONT WHEEL DRIVE



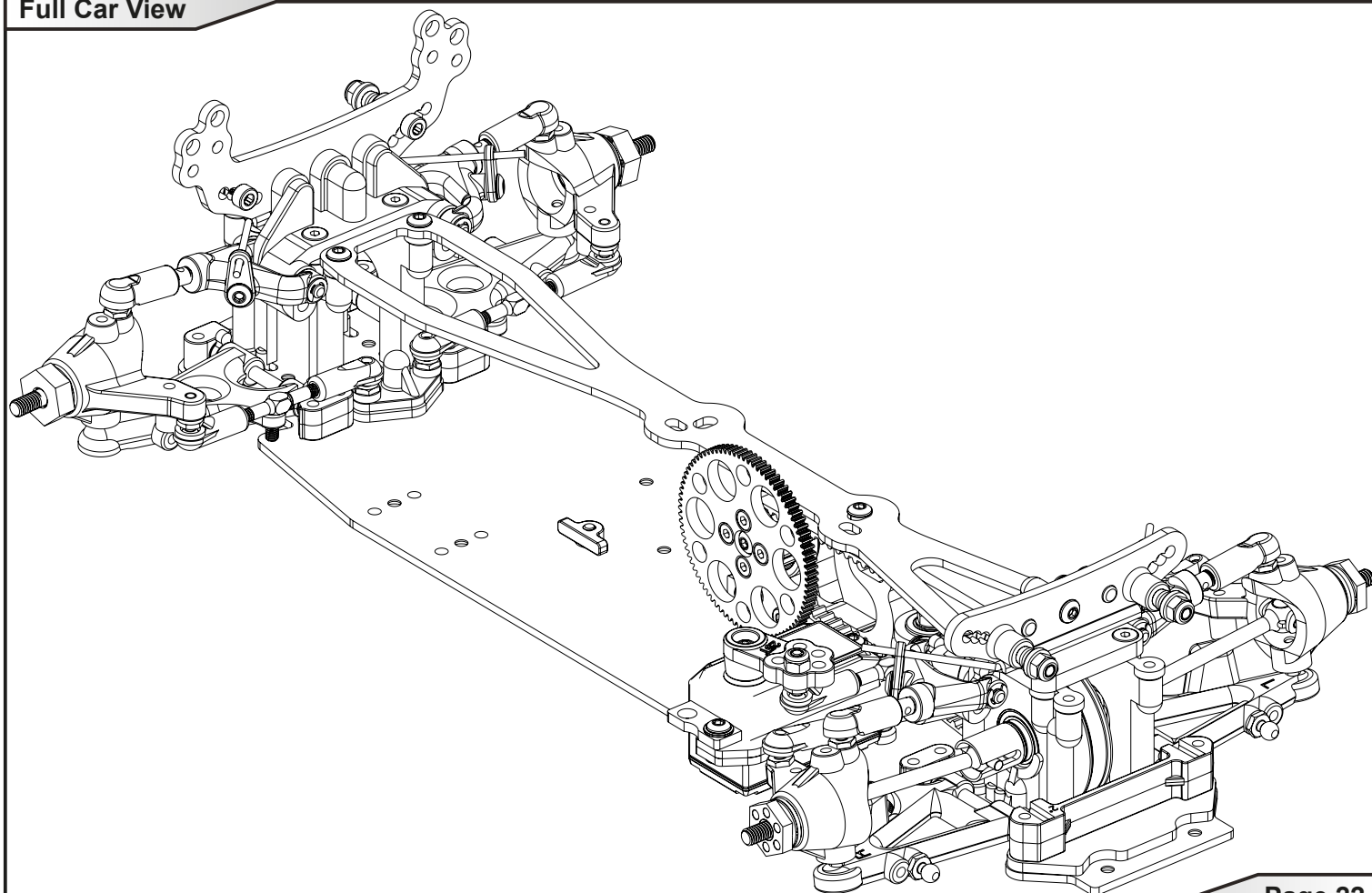
A







Full Car View



Electric - Off Road Cars

K187 Mission FT - S2 - Kit

Chassis Parts

U119 Aerial Tube - Pack 4
U1552 SPEED PACK - R Clips
U1606 SPEED PACK - Servo Tape - 30pk
U3601 S2 Chassis - Mission FT
U3941 Wheel Bush 4X8X3 - SupaStox
U4218 S2 Front Shock Mount - Mission FT
U4219 S2 Rear Shock Mount - Mission FT
U4501 Steering Pivots - CAT K1 Aero
U4741 6mm Offset Servo Arms
U4773 Aerial Mount - CAT K2
U4950 Body Posts - Eclipse (4pcs)
U7738 Radius Arms - Mi7 (pr)
U7749 Bumper Mouldings - Mi7
U7750 LiPo Mounting Mouldings - Mi7 (set)
U7790 Foam Bumper - Mi7
U7792 S2 Topdeck - Mission FT
U7793 S2 Front Riser - Mission FT
U7850 Body Post Set (4pcs) - Mi7
U8071 LiPo Stops - Mission FT (pr)
U8072 Manual - Mission FT
U8073 Decal - Mission FT
U8092 S2 Crash Stop - Mission FT
U8093 S2 Radius Arm - Mission FT
U8094 S2 Servo Mount Upper - Mission FT
U8095 S2 Servo Mount Lower - Mission FT
U8098 Alloy Steering Mount - Mission FT

Bodyshells and Decals

AX001 Aerox Razor Body - 1/10 Touring - Light - 190mm
AX007 Aerox Razor Wing - 1.00mm
AX008 Aerox Razor Wing - 0.75mm
CR258 Body Repair Tape - 50mm x 1Mtr
KB48072 Light Weight Racing Body 190mm Type A, clear
KB48108 Light Weight Racing Body 190mm Type A, Blue
KB48600 K1 Light Weight Racing Body EFRA/FEMCA/ROAR
KB48639 K1 Racing Body Pre-Painted Orange/Black
MR33-RW05 MR33 Touring Rear Wing 0.5mm v2
MR33-RW10 MR33 Touring Rear Wing 1mm v2
MR33-RW2 MR33 Touring Rear Wing 0.7mm v2
MR-WING MR33 Touring Wing - 1mm
MT010001 Montech Nazda 6 Body 2.0 190mm
MT010001L Montech Nazda 6 Body 2.0 LW 190mm
MT011002 Montech Nazda 3 Body Touring 190mm
MT012012 Montech Nazda 4 Body Touring - 190mm
MT013011 Montech Stratos Body Touring - 190mm
MT014003 Montech Evo Body Touring 190mm
MT015013 Montech Silvy Body Touring 190mm
MT018002H Montech Wing Hard 1mm
MT018003M Montech Wing Medium 0.75mm
MT019006 Montech Racer 2 Body
MT019006L Montech Racer 2 Body Light Weight
MT019013 Montech Montecarlo Body - Std
MT019013ETS Montech Montecarlo ETS Body
MT019013L Montech Montecarlo Body - Light Weight
MT019013SL Montech Montecarlo Superleggera Body
MT019017 Montech - 308 TCR FWD Body
MT019018 Montech YSOT Body Standard
MT019018L Montech YSOT Body Light Weight
MT020008 Montech New GT1 Vision FWD Body

Bodyshells and Decals Cont....

U4806 Touring Car Wheel Arch Cutting Jig
U5119 Touring Car Wing + 2 End Plates - Clear
U5120 Touring Car Wing + 2 End Plates - Black
U5121 Touring Car Wing + 2 End Plates - Carbon
XTMTB0413-05 Xtreme Twister Super Light TC Body
XTMTB0413-07 Xtreme Twister Ultra Light TC Body

Suspension

U1426 Pivot Pin; grooved 29mmx1/8 (pr)
U1440 Pro Pin; grooved 1/8x25mm (pr)
U1877 Hi-Tensile Pivot Ball Screw - SST(pr)
U1884 Rear Wishbones - SST2000 (pr)
U1919 Anti Roll Bar Set- SST2000 (pr)
U2005 M4 Turnbuckles pr
U2020 Front Wishbone; 7.5-13.5deg - SST (pr)
U2251 Kwik Klip; 1/8x1.0 and 2.0mm
U2384 Hub Carrier; Vert King Pin Option - SST
U2450 Suspension Pivots and Blocks - Mi1
U2467 Front Upper Wishbones - Mi1
U2468 Rear Upper Wishbones - Mi1
U2478 Pivot Pin; plain 45mmx1/8
U2479 Suspension and Roll Bar Mount - Mi1
U3495 Ball Studs; Ultra Short - pk 4
U3496 Ball Studs; Short - pk 4
U3497 Ball Studs; Long - pk 4
U4222 Turnbuckle Adjuster HTT - 39mm - pr
U4223 Turnbuckle Adjuster HTT - 45mm - pr
U4704 Fluted Ball Grippa - Grey (pk8)
U8101 Front Inboard Pivot Pin - Mission FT (pr)

Transmission

U2152 Wheel Hex ; pin axle - SST (pk 4)
U2153 Spacers and Pins - pin drive - SST (4 sets)
U3160 85T 48DP CNC Spur Gear - Mi4/Mi5
U4174 Gear Diff - K1/KF
U4175 Gear Diff Mouldings - K1/KF
U4176 Gear Diff Gear Set - K1/KF
U4177 Gear Diff Rebuild Kit - K1/KF/Laydown
U4178 Gear Diff Output - K1/KF
U4561 Alloy Pulley 20T - Mi5evo
U4562 Pulley Fences 20T - Mi5evo
U4568 Layshaft - Mi5evo
U4569 Layshaft Endcap - Mi5evo - (1pc)
U4577 Alloy Wheel Hex - Wide - Mi5evo (pr)
U4712 Gear Diff O-Rings
U4755 Bando Belt 4mm x 96T - CAT K2
U7624 Diff Cross Pin - Cougar-Laydown
U7752 Rear Driveshaft Pins,Pivots - Mi
U7776 Rear Driveshaft - Mi (pr)
U7777 Alloy Rear Driveshaft Bone - Mi
U7778 Rear Driveshaft Axle - Mi
U7795 M3x2 Grub Screw (pk10)
U8069 Diff Mounts - Mission FT (set)
U8096 Alloy Motor Mount - Mission FT
U8097 Alloy Layshaft Mount - Mission FT
U8099 Belt Spacer - Mission FT
U8100 Rear Axle - Mission FT (pr)

Bearings and Balls

- U1411** Ball Bearing - 4x8x3 Shield - (pr)
U2148 Ball Bearing - 5x10x4 Shield - (pr)
U3016 Ball Bearing - 10x15x4 - Shield (pr)
U3136 Ball Bearing - 5x8x2.5 - Shield (pr)

Shock Absorbers

- U1310** Shock Mouldings-Vari Click Piston (pr)
U1557 Ultra-Short Shock Rod (pr)
U2143 One Piece Shock Pistons - 4 sets of 4
U4301 Threaded Shock Collar (Black) - Mi5 - 1pr
U613 Spring Stop and Spacer Mouldings (pr)
U8070 Shock Body - Mission FT (pr)
U835 Vari Shock Seal Pack (pr)

Springs

- MR33-SPRING B** MR33 Spring Black, Extra Hard Pro Matched (2pcs)
MR33-SPRING SET MR33 Ride Spring Set - (4 pr)
U1921 Spring Tuning Set - Ultra Short Touring (3 prs)
U1924 Spring; Blue Ultra Short 15 (pr)
U1925 Spring; Red Ultra Short 20 (pr)
U2827 Pro-Touring Springs - Yellow 23 lbs
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 - Mi5/6 - 5pr
U8102 Black Spring - Mission FT (pr)
U8103 Orange Spring - Mission FT (pr)

Shock and Diff Oil

- 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
CR229 CORE RC Silicone Oil - 12000cSt - 60ml
CR230 CORE RC Silicone Oil - 15000cSt - 60ml
CR502 CORE RC Silicone Oil - 650cSt - 60ml

Hardware

- CR024** CORE RC - Serrated M4 Steel Wheel Nut pk4
U1547 SPEED PACK - M3 Nuts
U1548 SPEED PACK - M3 Washers
U1551 SPEED PACK - E Clips -2 x 8pcs

Hardware Cont....

- U1633** SPEED PACK - Small Pins (pk)
U1960 SPEED PACK - O Rings; Various
U1962 SPEED PACK - O Rings 3.3x2.4ID - pk6
U2184 SPEED PACK - Disc Springs+Drive Pins
U2761 Diff Shims; 10x12x0.2 (pk8)
U2858 SPEED PACK Alloy M3x6 Spacers ;0.5;1;2;3mm - 16pcs
U3021 SPEED PACK - M3x6 Csk Hd - (pk10)
U3022 SPEED PACK - M3x8 Csk Hd - (pk10)
U3023 SPEED PACK - M3x10 Csk Hd - (pk10)
U3024 SPEED PACK - M3x12 Csk - M3 x 10 Button Screws
U3131 SPEED PACK Alloy Spacers - M3x7mm 0.5;1;2mm (pk18)
U4124 SPEED PACK - Shims 5 x 7 x 0.4mm - pk6
U4210 SPEED PACK - Pinion Grub Screw Set pk10
U4220 'O' Ring 9.0x1.0 (pk10)
U4836 SPEED PACK Grub Screw M3 x 8mm Cup Point (10pcs)
U7102 SPEED PACK - M3x4 Button Hd (pk10)
U7104 SPEED PACK - M3x8 Button Hd (pk10)
U7105 SPEED PACK - M3x10 Button Hd (pk10)
U7106 SPEED PACK - M3x12 Button Hd (pk10)
U7107 SPEED PACK - M3x16 Button Hd (pk10)
U7114 SPEED PACK - M3x12 Cap Hd (pk10)
U7116 SPEED PACK - M3x20 Cap Hd (pk10)
U7677 SPEED PACK - M2.5x8 Csk Hd (pk10)
U7689 M3 Brass Inserts - pk10
U7707 M3 Steel Washers (pk10)
U7783 Dowel Bush - Mi7 (pk4)
U7795 M3x2 Grub Screw (pk10)
U7900 SPEED PACK Needle Roller 1.5x9.8 (pk10)

Option Parts

- AX011** Aerox Alloy Servo Arm - Offset 25T Futaba
AX012 Aerox Alloy Servo Arm - Offset 23T KO/Sanwa
CR035 CORE RC - Serrated Alloy M4 Nuts; Blue pk 4
CR036 CORE RC - Serrated Alloy M4 Nuts; Violet pk 4
CR196 CORE RC - Serrated Alloy M4 Nuts - Black - pk4
CR280 Ti Pro Ball Studs - Short - (pr)
CR281 Ti Pro Ball Studs - Ultra Short - (pr)
CR282 Ti Pro Ball Studs - Long - (pr)
CR304 Titanium Wheel Nuts M4 - pk4
CR465 Alloy Offset Servo Arm 23T - Sanwa/KO
CR466 Alloy Offset Servo Arm 25T - Futaba
U1818 Purple Alloy Shock Seal Housing (pr)
U2135 M4 Nyloc Wheel Nut - Purple Alloy (pk4)
U2462 Alloy Diff Mount - Mission
U2810 M4 Nyloc Wheel Nut - Red Alloy (pk4)
U2811 M4 Nyloc Wheel Nut - Blue Alloy (pk4)
U2812 M4 Nyloc Wheel Nut - Black Alloy (pk4)
U3162 89T 48DP CNC Spur Gear - Mi4/Mi5
U3247 70T 48DP CNC Spur Gear - Mi4/Mi5
U3248 96T 64dp CNC Spur Gear - Mi4/Mi5
U3269 90T 64DP CNC Spur Gear - Mi4/Mi5
U3525 Alloy Wheel Hex - Medium - Mi4/Mi5 (pr)
U3560 74T 48DP CNC Spur Gear Mi4/Mi5
U3570 Alloy Wheel Hex - Slim - Mi4LP (pr)
U3808 Spool; Complete Assembly - Mi1
U3809 Spool Axle - Mi1
U4273 Pro Ball Stud Ultra Short - pk4
U4274 Pro Ball Stud Short - pk4
U4275 Pro Ball Stud Long - pk4
U4328 Impact Servo Saver
U4344 Ceramic Bearing - 5x8x2.5 Shield - (pr)
U4361 64T - 48DP -CNC Spur Gear - Mi3/4/5

Option Parts Cont....

U4401	Assembled Shock V2 - Mi5 (pr)
U4603	Spur Gear CNC - 80T - 48DP - Mi4/5
U4890	Alloy Spring Seat - Off Road - pr
U4946	Pro Ball Bearing 5 x 10 x 4 sealed - pr
U7316	Titanium Turnbuckle - 39mm - Silver - pr
U7317	Titanium Turnbuckle - 45mm - Silver - pr
U7725	Pro-Ball Bearing 10x15x4 Sealed - (pr)
U7730	Pro-Ball Bearing 4x8x3 Sealed - (pr)
U7753	Double Joint Driveshaft - V2 (pr)
U7754	Double Joint Driveshaft Pins,Pivots - V2
U7755	Double Joint Driveshaft Bone - V2
U7756	Double Joint Driveshaft Axle - V2
U7757	Double Joint Driveshaft Tube - V2
U7827	Alloy LiPo Mount - Mi7 (pr)
U7837	C/F Upper Bumper - Mi7
U7838	C/F LiPo Hook - Mi7 (pr)
U7839	C/F LiPo Swivel - Mi7 (pr)
U7854	Alloy Double Joint Driveshaft Tube -V2 (pr)
U7866	Lightweight Foam Bumper - Mi7
U8105	C/F Chassis - Mission FT
U8106	C/F Topdeck - Mission FT
U8107	C/F Front Shock Mount - Mission FT
U8108	C/F Rear Shock Mount - Mission FT
U8109	Belt 134T x 4mm Wide
U8110	Alloy Rear Belt Adjuster - Mission FT
U8111	4WD Conversion - Mission FT

Pinions

CR4815	Pinion Gear 48DP 15T (7075 Hard)
CR4816	Pinion Gear 48DP 16T (7075 Hard)
CR4817	Pinion Gear 48DP 17T (7075 Hard)
CR4818	Pinion Gear 48DP 18T (7075 Hard)
CR4819	Pinion Gear 48DP 19T (7075 Hard)
CR4820	Pinion Gear 48DP 20T (7075 Hard)
CR4821	Pinion Gear 48DP 21T (7075 Hard)
CR4822	Pinion Gear 48DP 22T (7075 Hard)
CR4823	Pinion Gear 48DP 23T (7075 Hard)
CR4824	Pinion Gear 48DP 24T (7075 Hard)
CR4825	Pinion Gear 48DP 25T (7075 Hard)
CR4826	Pinion Gear 48DP 26T (7075 Hard)
CR4827	Pinion Gear 48DP 27T (7075 Hard)
CR4828	Pinion Gear 48DP 28T (7075 Hard)
CR4829	Pinion Gear 48DP 29T (7075 Hard)
CR4830	Pinion Gear 48DP 30T (7075 Hard)
CR4831	Pinion Gear 48DP 31T (7075 Hard)
CR6431	Pinion Gear 64DP 31T (7075 Hard)
CR6432	Pinion Gear 64DP 32T (7075 Hard)
CR6433	Pinion Gear 64DP 33T (7075 Hard)
CR6434	Pinion Gear 64DP 34T (7075 Hard)
CR6435	Pinion Gear 64DP 35T (7075 Hard)
CR6436	Pinion Gear 64DP 36T (7075 Hard)
CR6437	Pinion Gear 64DP 37T (7075 Hard)
CR6438	Pinion Gear 64DP 38T (7075 Hard)
CR6439	Pinion Gear 64DP 39T (7075 Hard)
CR6440	Pinion Gear 64DP 40T (7075 Hard)
CR6441	Pinion Gear 64DP 41T (7075 Hard)
CR6442	Pinion Gear 64DP 42T (7075 Hard)
CR6443	Pinion Gear 64DP 43T (7075 Hard)
CR6444	Pinion Gear 64DP 44T (7075 Hard)
CR6445	Pinion Gear 64DP 45T (7075 Hard)
CR6446	Pinion Gear 64DP 46T (7075 Hard)

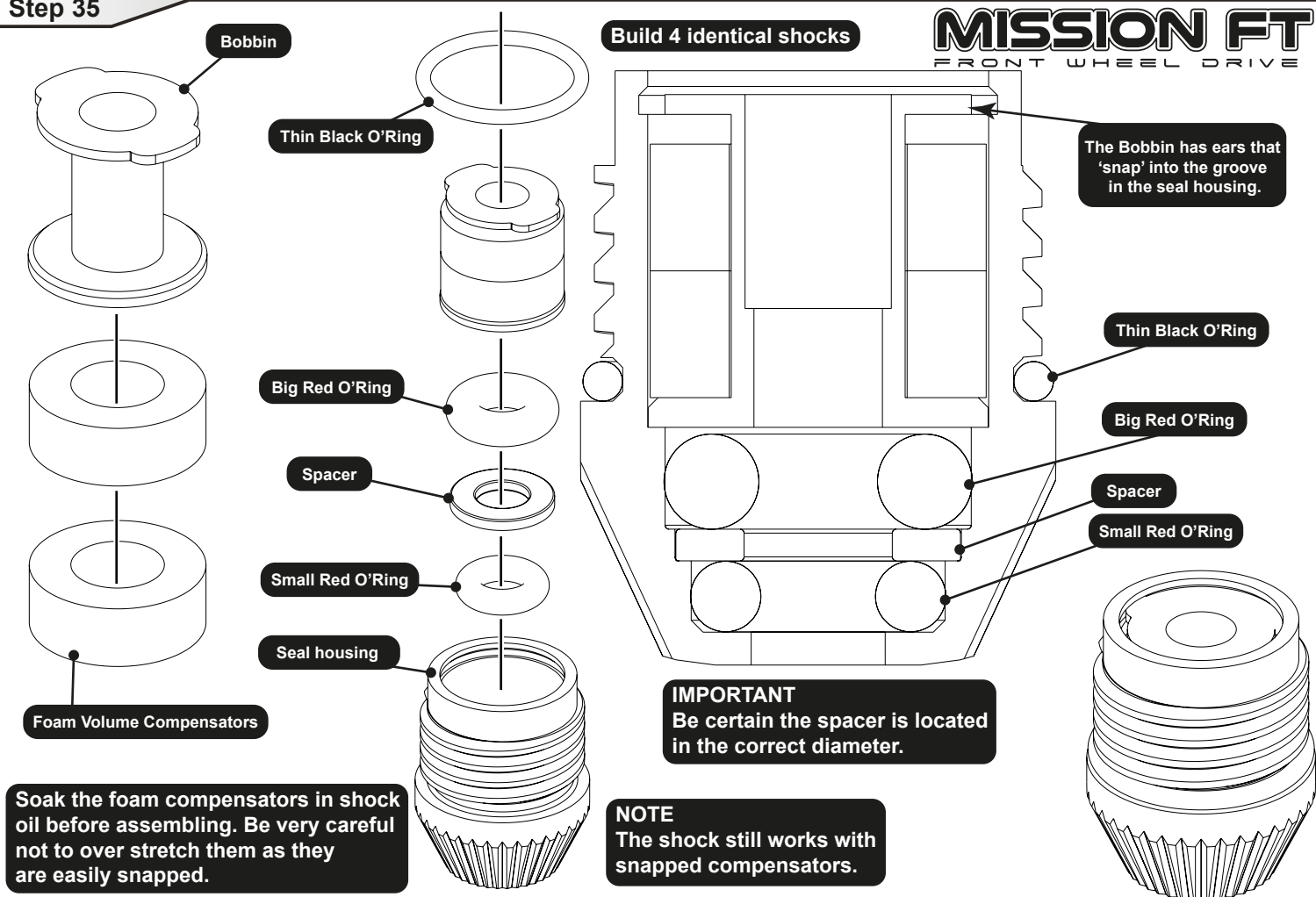
Pinions Cont....

CR6447	Pinion Gear 64DP 47T (7075 Hard)
CR6448	Pinion Gear 64DP 48T (7075 Hard)
CR6449	Pinion Gear 64DP 49T (7075 Hard)
CR6450	Pinion Gear 64DP 50T (7075 Hard)
CR6451	Pinion Gear 64DP 51T (7075 Hard)
CR6452	Pinion Gear 64DP 52T (7075 Hard)
CR6453	Pinion Gear 64DP 53T (7075 Hard)
CR6454	Pinion Gear 64DP 54T (7075 Hard)
CR6455	Pinion Gear 64DP 55T (7075 Hard)
CR6456	Pinion Gear 64DP 56T (7075 Hard)
CR6457	Pinion Gear 64DP 57T (7075 Hard)
CR6458	Pinion Gear 64DP 58T (7075 Hard)
CR6459	Pinion Gear 64DP 59T (7075 Hard)
CR6460	Pinion Gear 64DP 60T (7075 Hard)
CR6461	Pinion Gear 64DP 61T (7075 Hard)
CR6462	Pinion Gear 64DP 62T (7075 Hard)
CR6463	Pinion Gear 64DP 63T (7075 Hard)
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
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
U3643	Pinion; Hard Alloy 64dp - 43T
U3644	Pinion; Hard Alloy 64dp - 44T
U3645	Pinion; Hard Alloy 64dp - 45T
U3646	Pinion; Hard Alloy 64dp - 46T
U3647	Pinion; Hard Alloy 64dp - 47T
U3648	Pinion; Hard Alloy 64dp - 48T
U3649	Pinion; Hard Alloy 64dp - 49T
U3650	Pinion; Hard Alloy 64dp - 50T

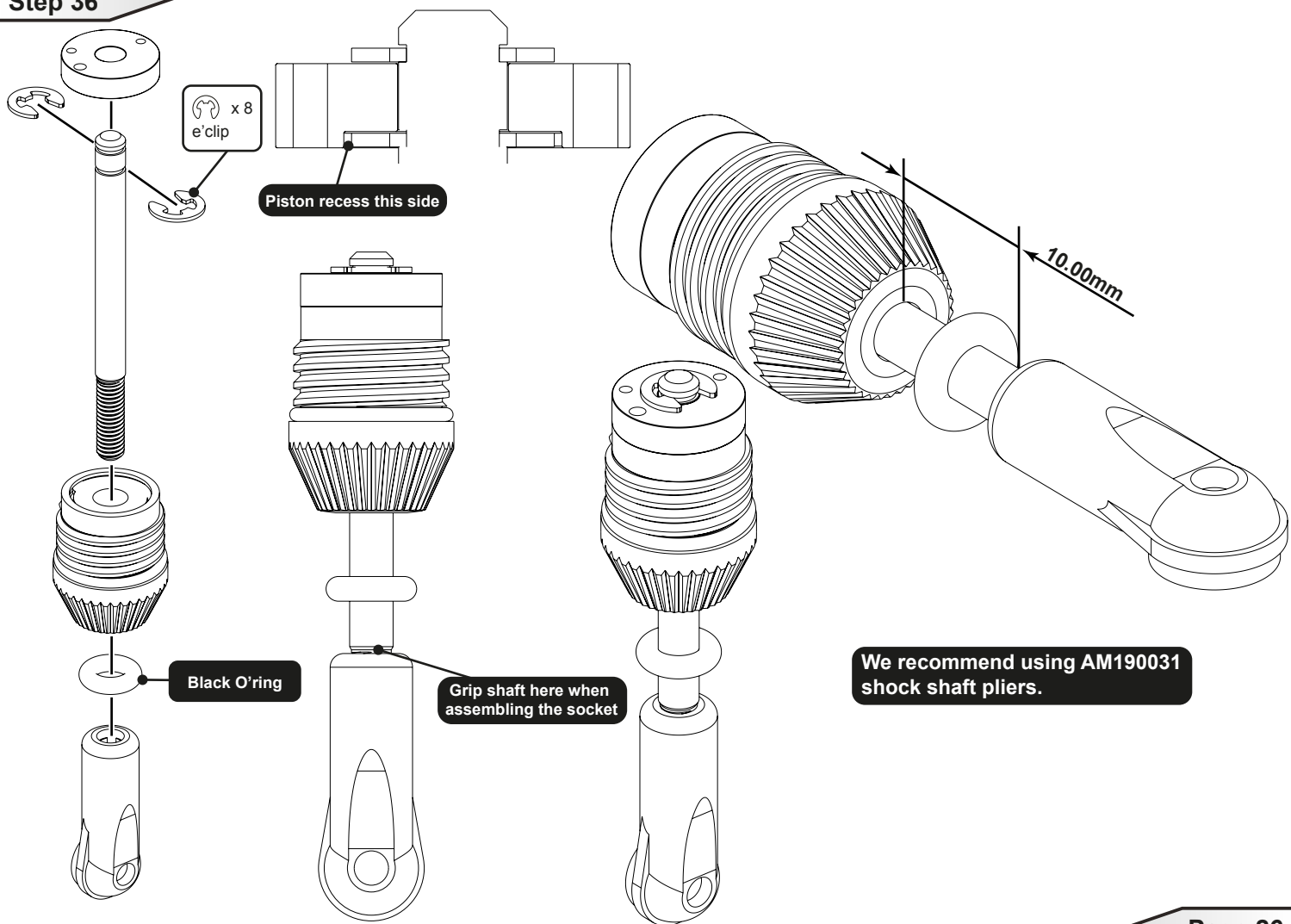
Wheels

U2296	Wheel; Dish 25mm - White (Pk4)
U2500	Rev-Lite; 24mm - White (Pk4)
U2777	Rev-Lite; Flex 24mm - White (Pk4)
U3792	Rev-Lite wheel Std; 20mm - White (Pk4)
U4528	Rev-Lite Stiff; 24mm - Yellow (Pk4)

Step 35

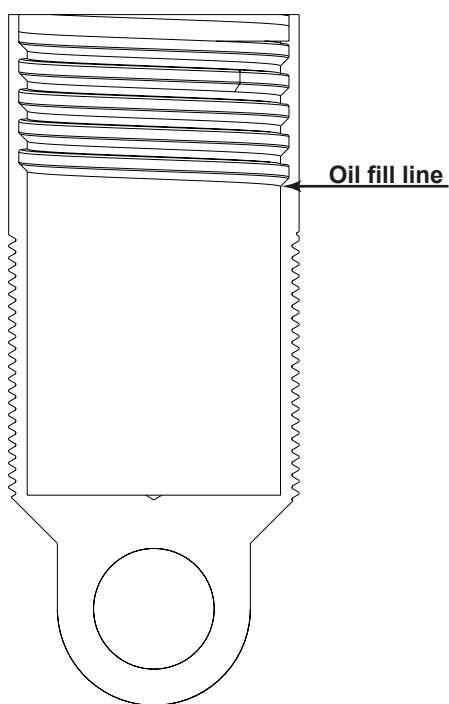


Step 36



Step 37

A



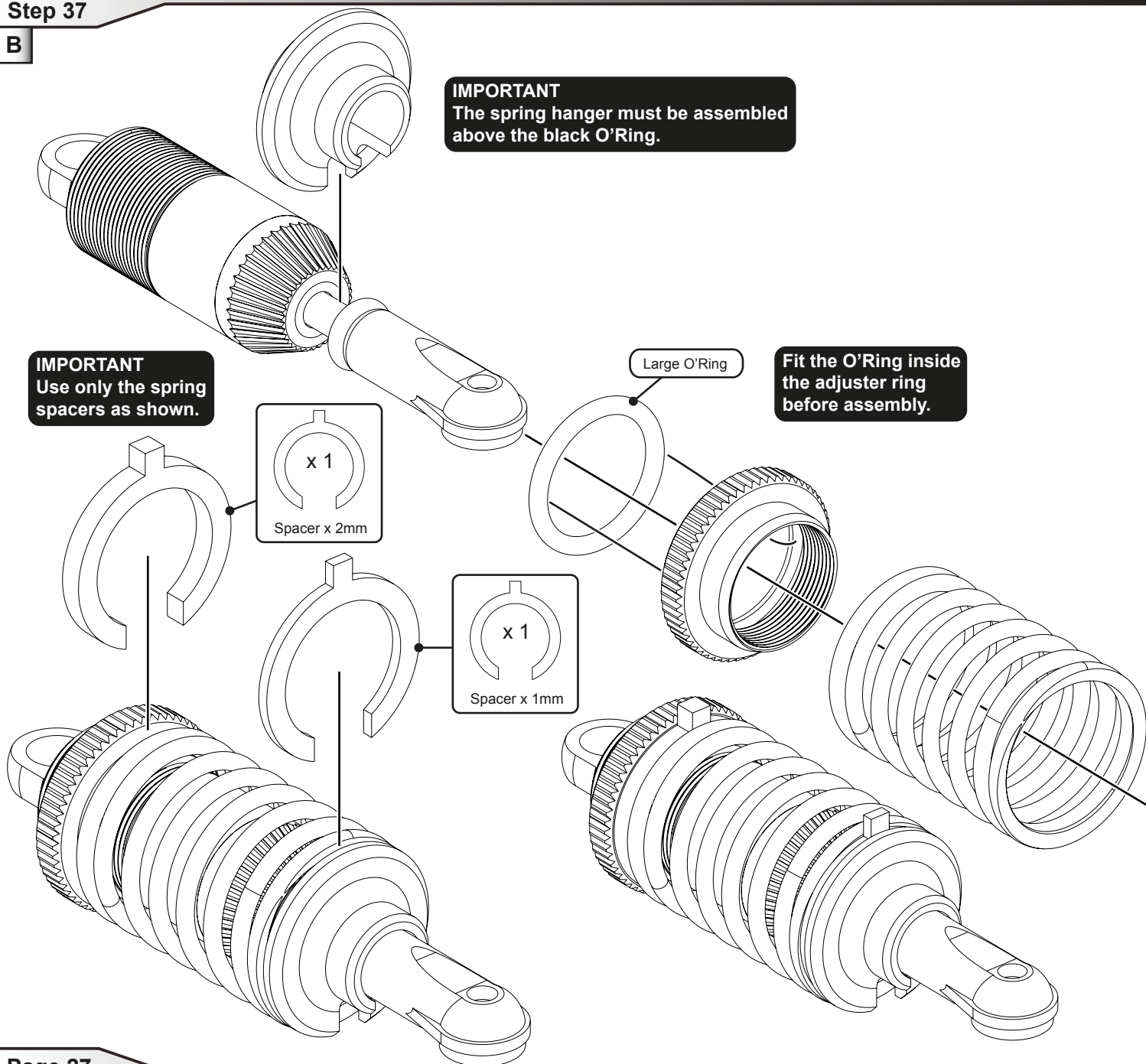
MISSION FT
FRONT WHEEL DRIVE

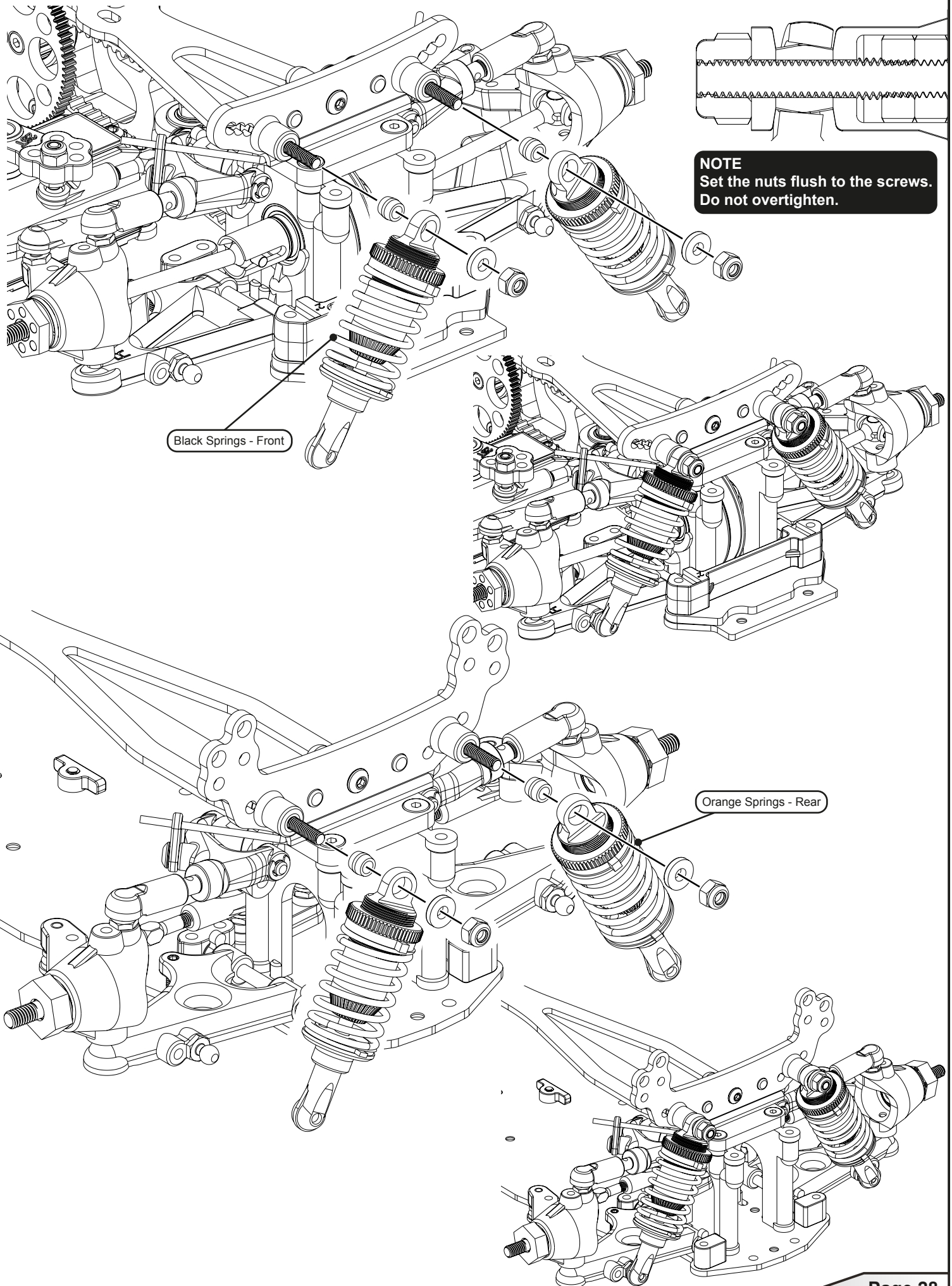
Remove any
excess oil

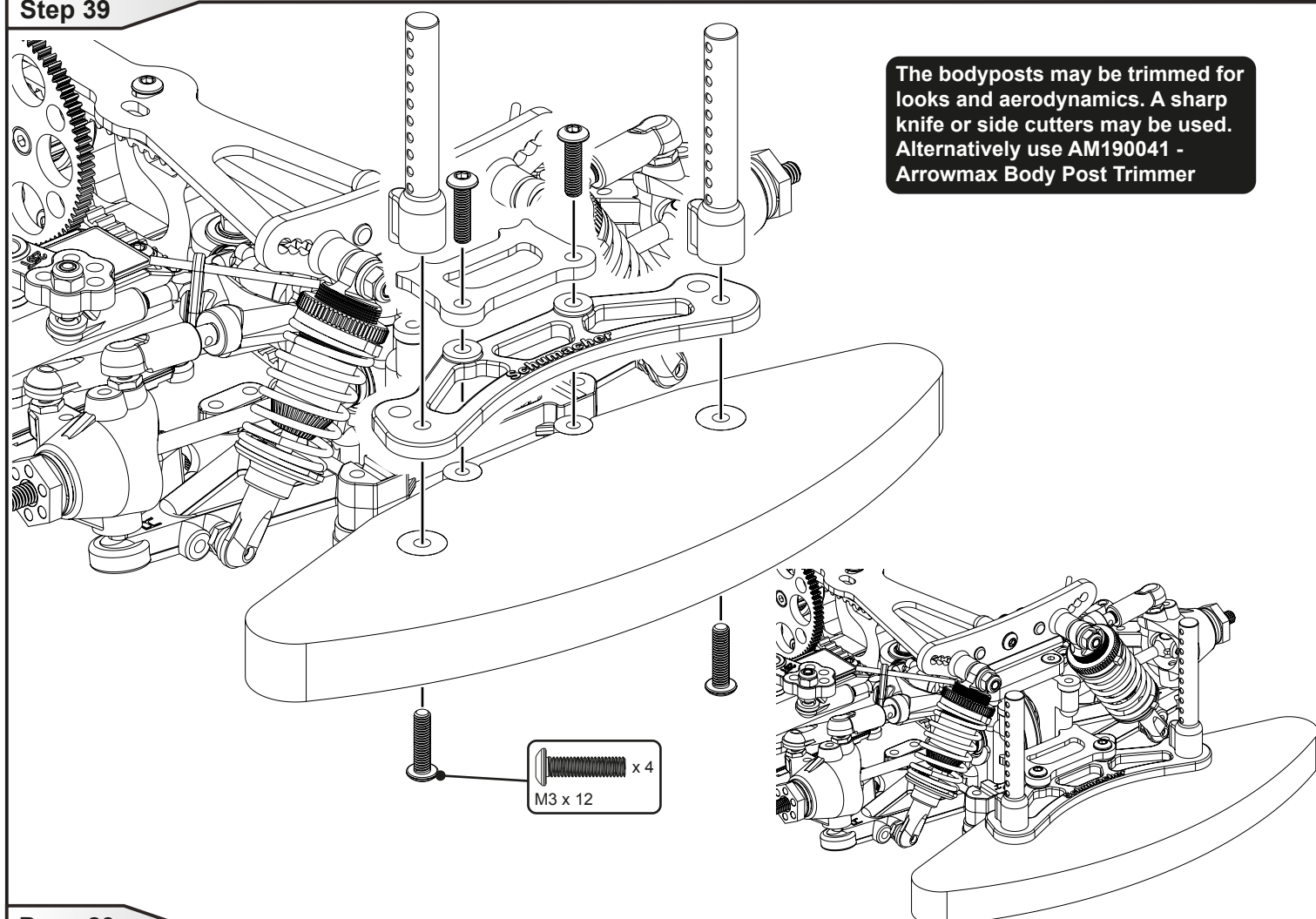
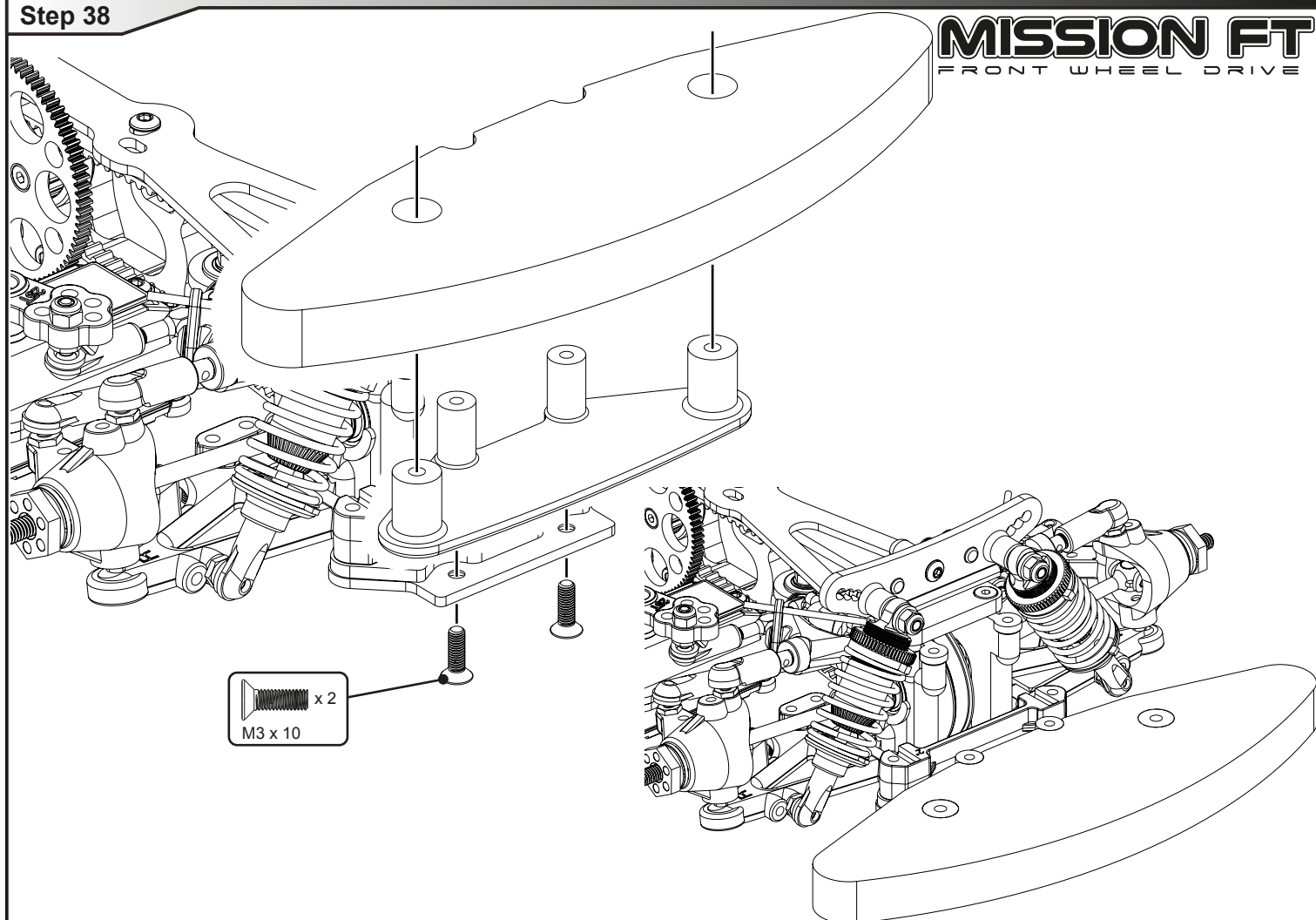
When fully assembled
you should not be
able to see the black
thin O'Ring.

Step 37

B







M3 x 10 x 2

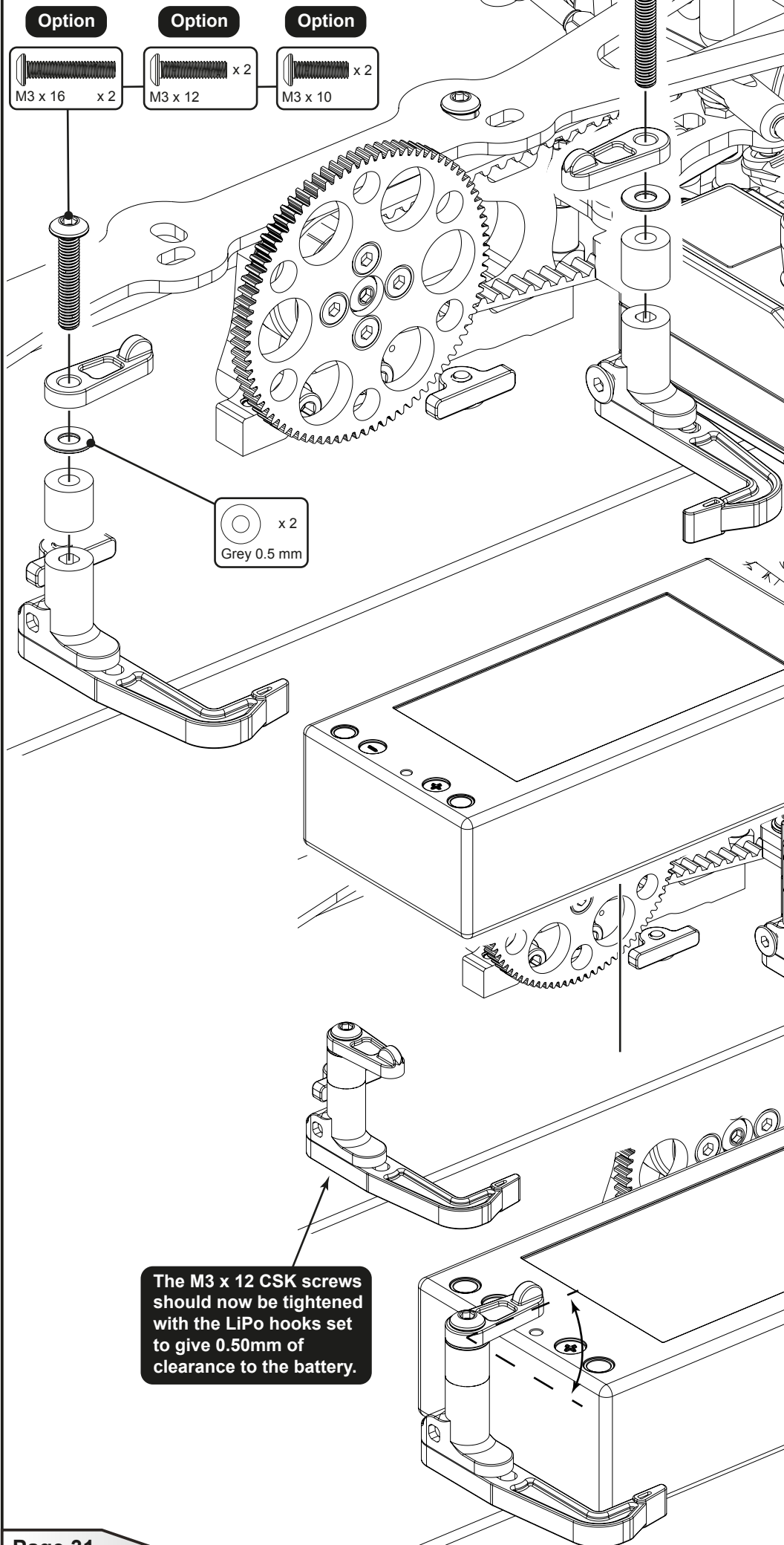
Use the correct shock tower body post holes for your bodyshell.

See alternative horizontal body mounting on page 35.

M3 x 8 x 2

Leave loose for now.

M3 x 12 x 2

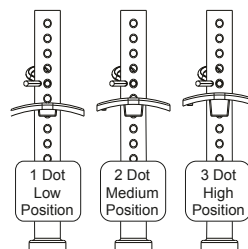


Three LiPo spacers are included in the kit. To be used with different height lipos. ULCG LiPo's use the 1.5mm spacer. LCG LiPo's use the 3.5mm spacer. Full height LiPo's use the 6.5mm spacer.

1.5mm ULCG Use 10mm screw	3.5mm LCG Use 12mm screw	6.5mm Full Height Use 16mm screw
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Snap the body washers onto the pins.

R'clip x 4



Select the correct body washer to fine tune the bodysell height. Each incremental change is 1.2mm.

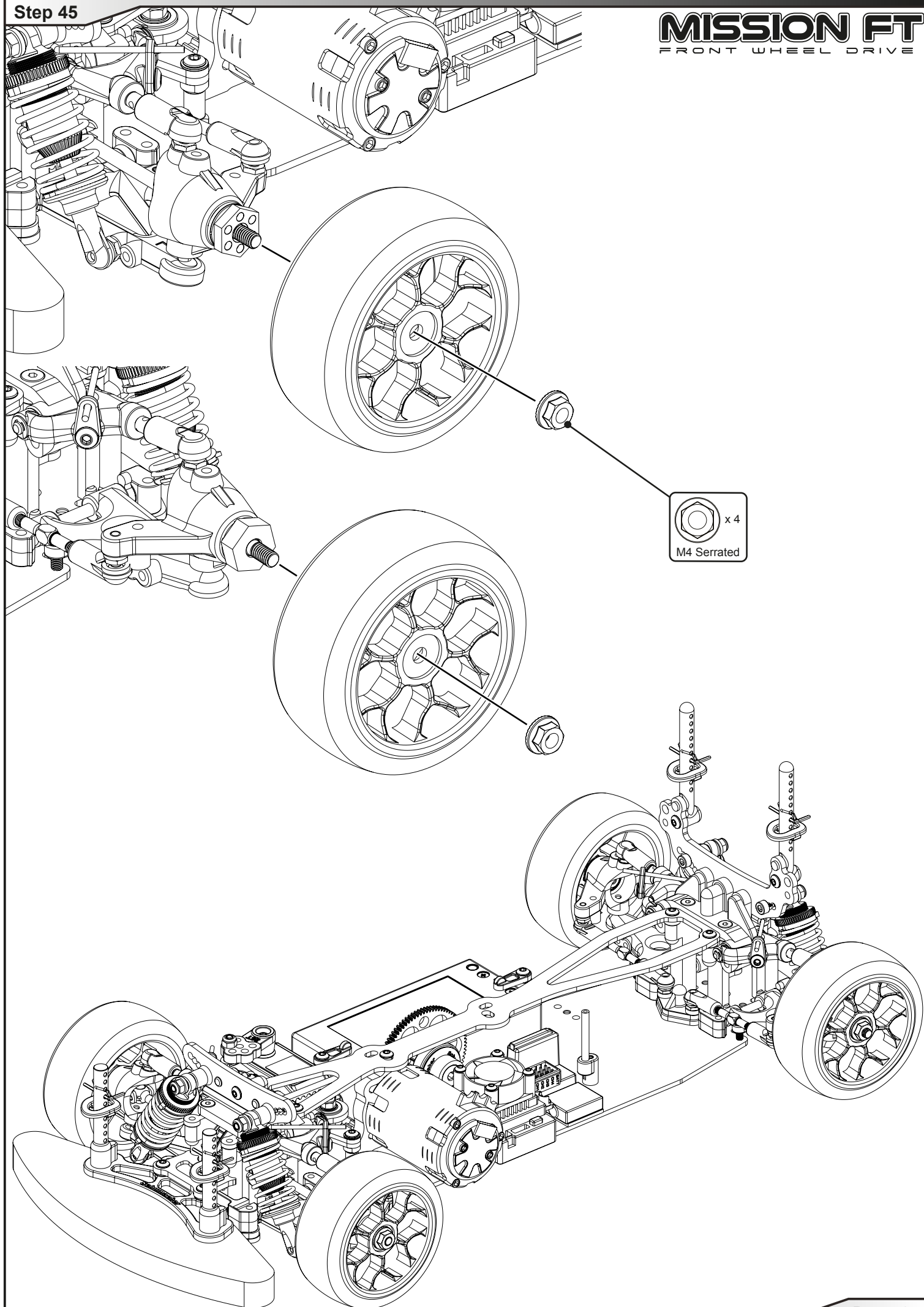
ø1.5 x 11.8 x 4

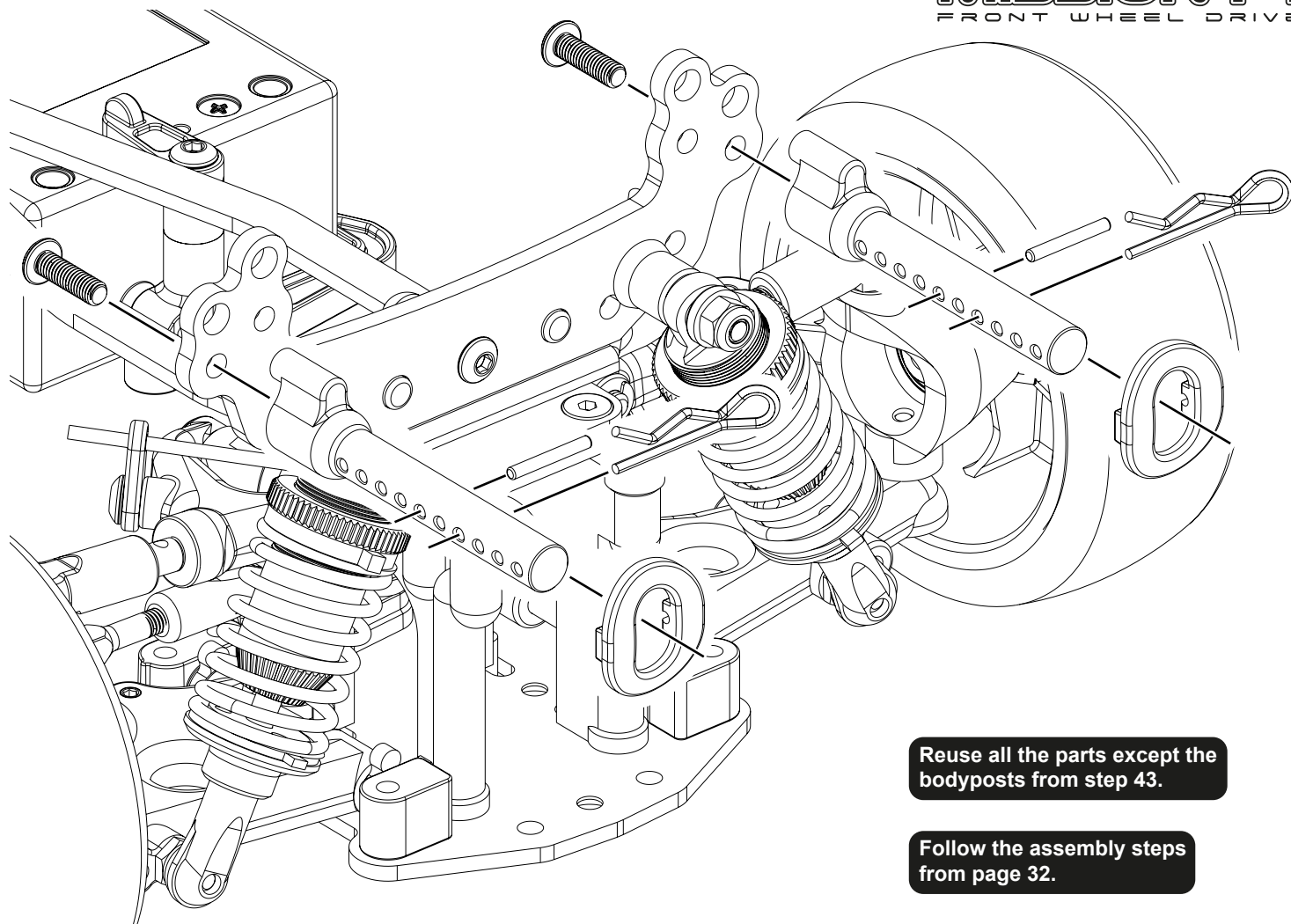
Select the correct pin height for your bodysell.

Mark and drill your body to diameter 6.0mm for the body posts.

The bodyposts may be trimmed for looks and aerodynamics. A sharp knife or side cutters may be used. Alternatively use AM190041 - Arrowmax Body Post Trimmer

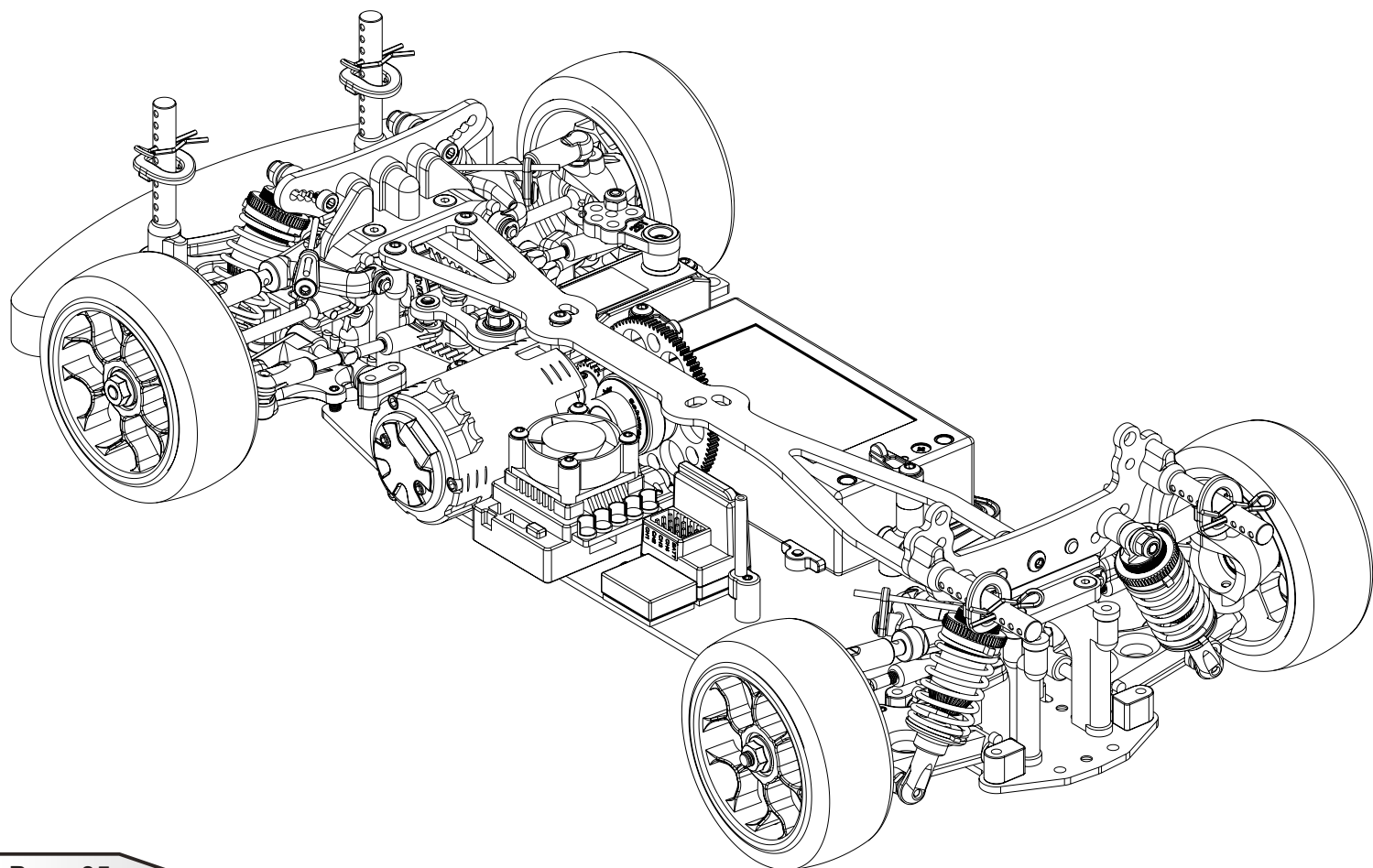






Reuse all the parts except the bodyposts from step 43.

Follow the assembly steps from page 32.



Rear Toe (Outboard)

The rear toe-in is set by adjusting the turnbuckles at the rear of the car.

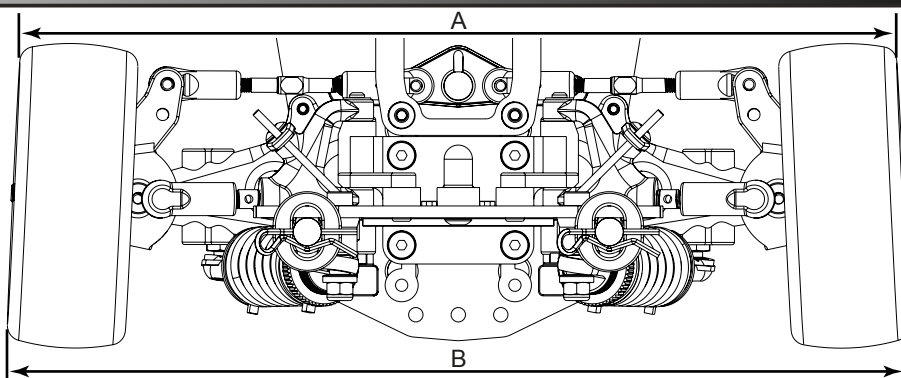
Toe-In = A less than B

Toe-Out = A greater than B

Less rear toe in will free up the rear of the car making it rotate more in the turn, at the expense of some rear traction.

This will make the car more difficult to drive.

In high grip conditions we use less rear toe in.

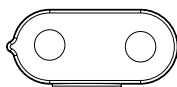


Rear Toe (Inboard)

The rear inboard toe-in is set by fitting the pivot blocks with the ridge facing in or out.

Facing in = 2° Toe-In

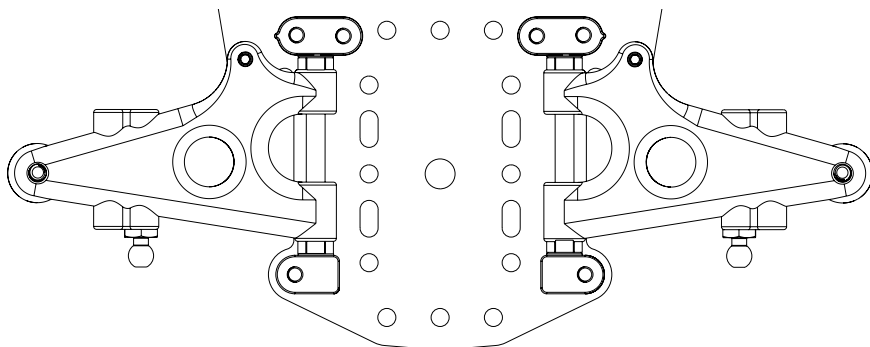
Facing out = 0° Toe-In



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.

In high grip conditions we use less rear toe in.



Gear Ratio

$$\text{Calculating FDR} = \frac{\text{Spur} \times 1.80}{\text{Pinion}}$$

$$\text{Calculating Pinion} = \frac{\text{Spur} \times 1.80}{\text{FDR}}$$

$$\text{Calculating Spur} = \frac{\text{FDR} \times \text{Pinion}}{1.80}$$

Gear Chart 48DP

Maximum Tooth Sum = 119T
 Minimum Tooth Sum = 95T
 Internal Ratio = 1.80

Spur

48DP	64	70	74	80	85	87	89
13				11.08	11.77	12.05	12.32
14				10.29	10.93	11.19	11.44
15			8.88	9.60	10.20	10.44	10.68
16			8.33	9.00	9.56	9.79	10.01
17			7.84	8.47	9.00	9.21	9.42
18			7.40	8.00	8.50	8.70	8.90
19			7.01	7.58	8.05	8.24	8.43
20			6.66	7.20	7.65	7.83	8.01
21			6.34	6.86	7.29	7.46	7.63
22			6.05	6.55	6.95	7.12	7.28
23			5.79	6.26	6.65	6.81	6.97
24			5.55	6.00	6.38	6.53	6.68
25		5.04	5.33	5.76	6.12	6.26	6.41
26		4.85	5.12	5.54	5.88	6.02	6.16
27		4.67	4.93	5.33	5.67	5.80	5.93
28		4.50	4.76	5.14	5.46	5.59	5.72
29		4.34	4.59	4.97	5.28	5.40	5.52
30		4.20	4.44	4.80	5.10	5.22	5.34
31	3.72	4.06	4.30	4.65	4.94	5.05	

Gear Chart 64DP

Maximum Tooth Sum = 159T
 Minimum Tooth Sum = 127T
 Internal Ratio = 1.80

Spur

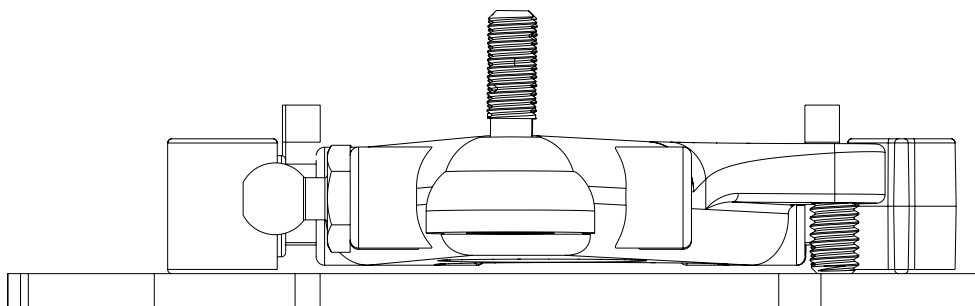
64DP	90	96
31		5.57
32		5.40
33		5.24
34		5.08
35		4.94
36		4.80
37	4.38	4.67
38	4.26	4.55
39	4.15	4.43
40	4.05	4.32
41	3.95	4.21
42	3.86	4.11
43	3.77	4.02
44	3.68	3.93
45	3.60	3.84
46	3.52	3.76
47	3.45	3.68
48	3.38	3.60
49	3.31	3.53
50	3.24	3.46
51	3.18	3.39
52	3.12	3.32
53	3.06	3.26
54	3.00	3.20
55	2.95	3.14
56	2.89	3.09
57	2.84	3.03
58	2.79	2.98
59	2.75	2.93
60	2.70	2.88

Droop and Anti-Squat

The suspension droop can be adjusted using the grub screw in the lower wishbones. Less droop improves steering response. More droop increases rear grip.

The car has 0° anti-squat as standard. More anti-squat will give more on power traction, but less off power traction, however too much will make the car unstable when turning into high speed corners.

With 0° anti-squat the steering will be precise and positive.

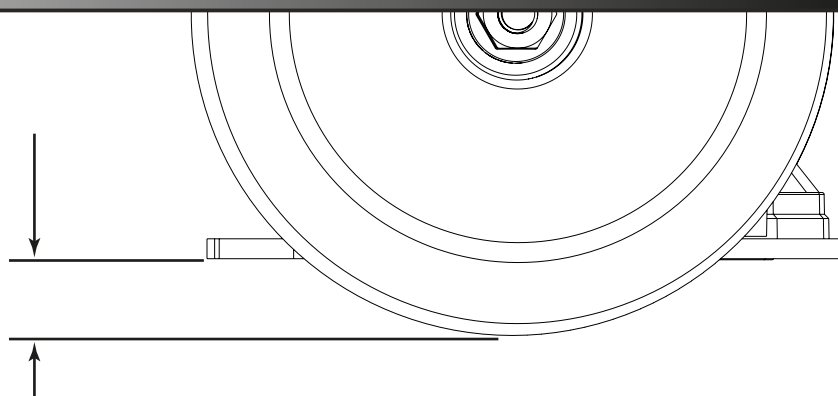


Ride Height

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

Run the front 0.5mm to 1.0mm lower than the rear, to give more steering.

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



Front Toe (Outboard)

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

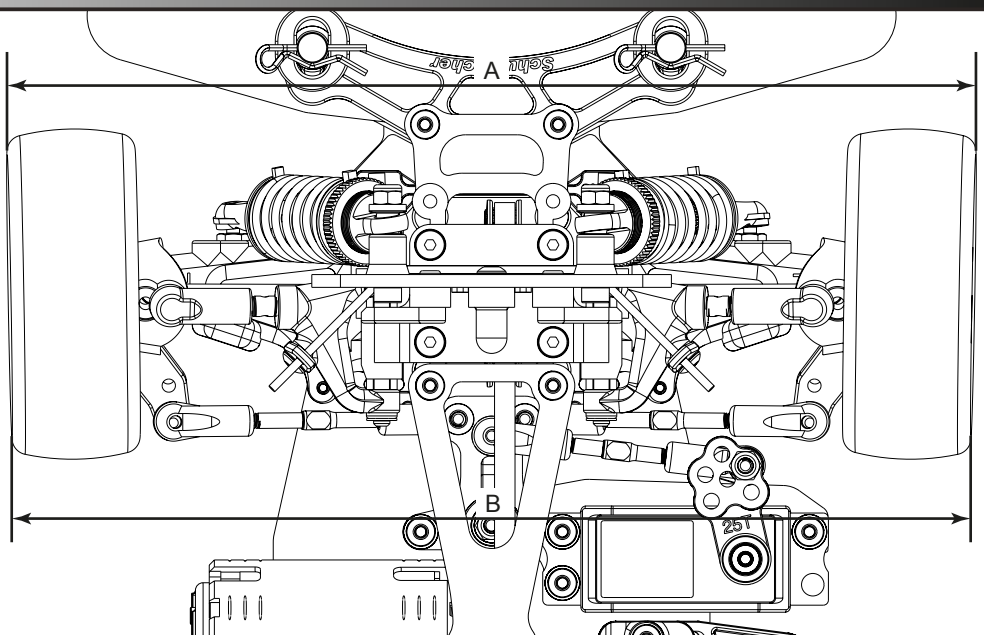
Toe-In = A less than B

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.

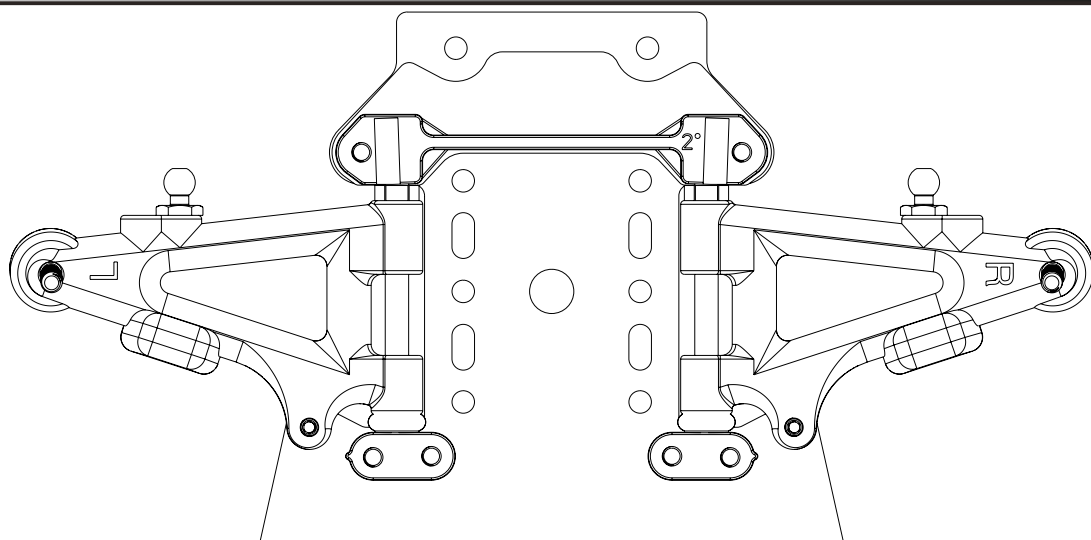
We recommend to start at about 0° or 1° toe-out.



Front Toe (Inboard)

The front inboard toe-out can NOT be adjusted on this car.

The front strap has only one position and that is the 2° facing up.

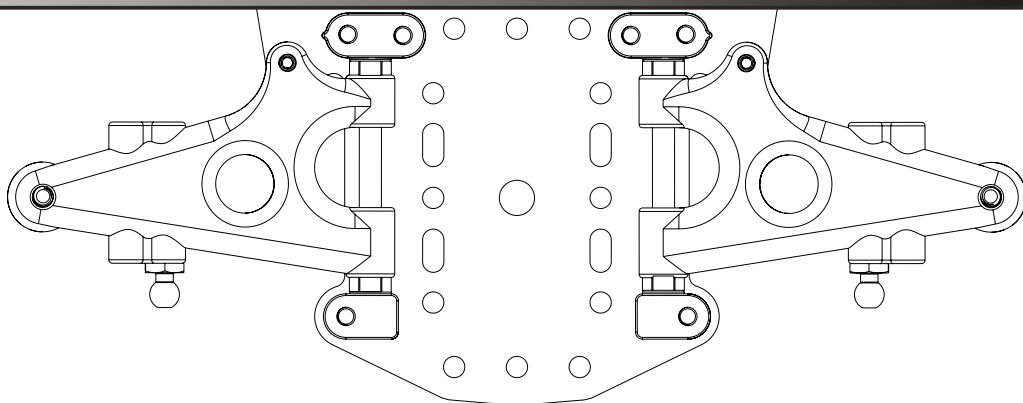


Wheelbase Adjustment

The length of the wheelbase is set by fitting the two kwik clips in different positions.

Two in front of the wishbone = Long.
 One either side of the wishbone = Medium.
 Two behind the wishbone = Short.

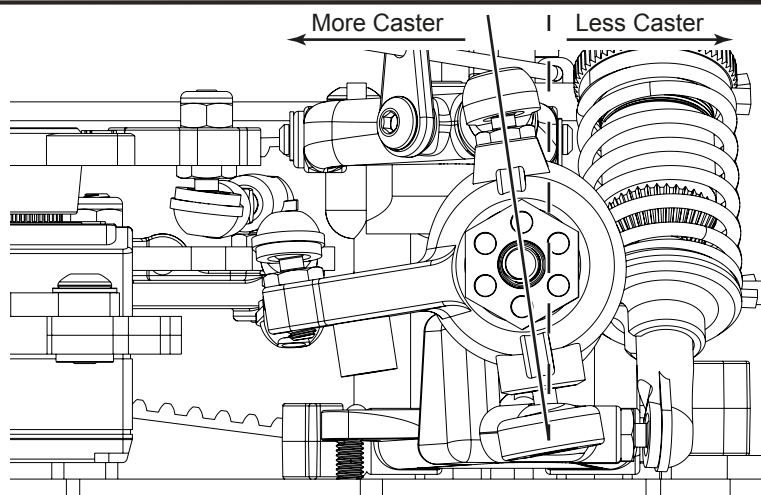
Use spacers to maintain the wheelbase length after adjusting the caster or toe.
 In general a longer wheelbase will offer more steering.



Front Caster

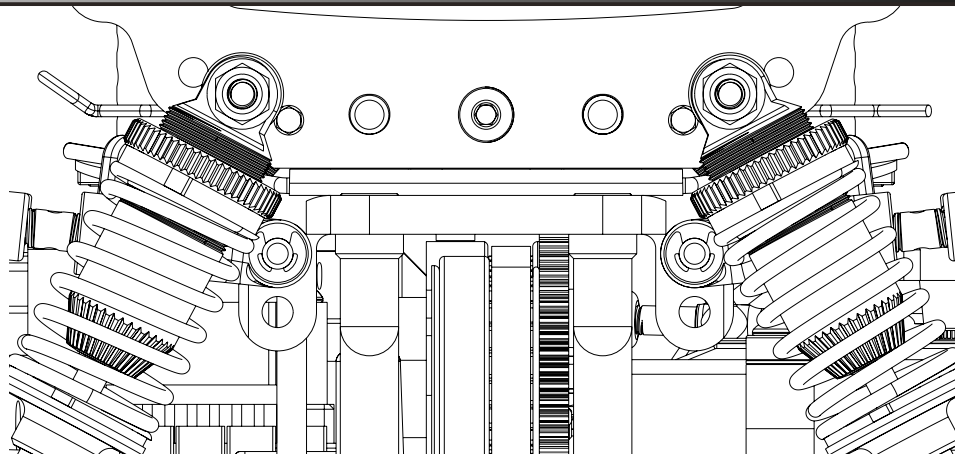
The front caster can be altered by moving the kwik clips on the top wishbone pivot pin. Less caster will give a quicker steering response, but could lead to on power understeer. More caster will give the opposite, slightly slower turn in, but more on power steering.

Two kwik clips at the rear = 11°
 One kwik clip either side = 8.5°
 Two kwik clips at the front = 6°



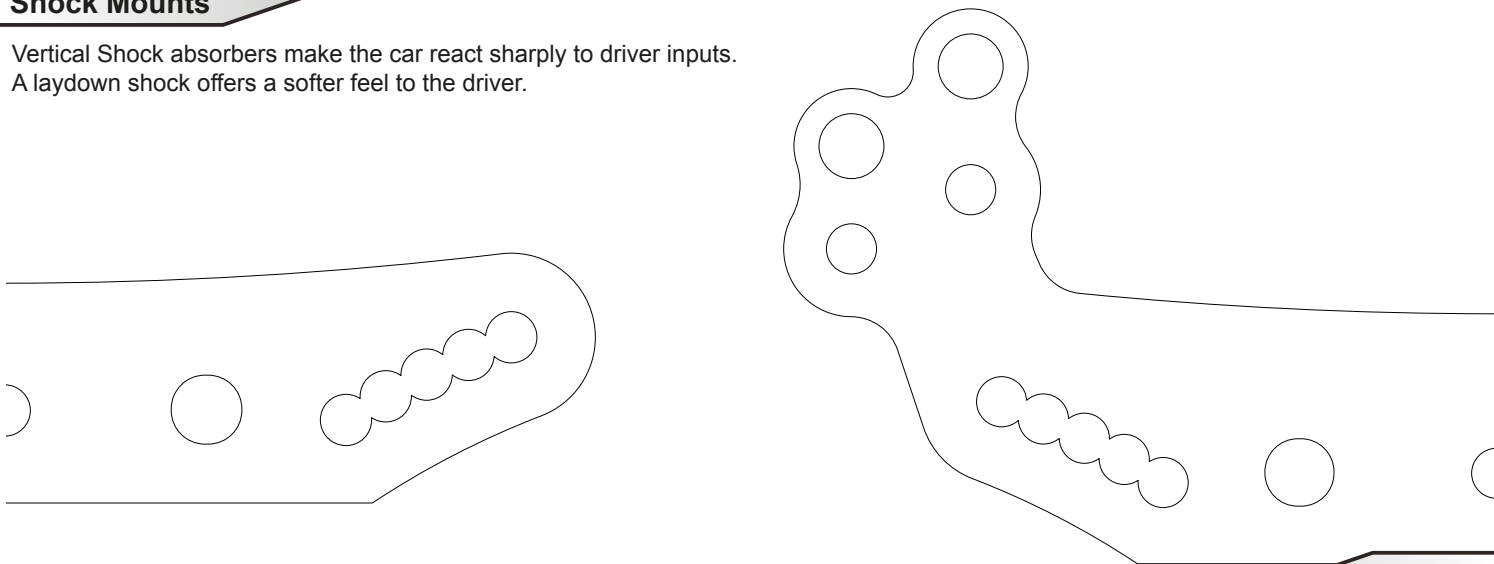
Upper Suspension Mount

The upper (standard) hole makes the car smooth and predictable.
 The lower hole can offer better grip, but with a much less predictable breakaway.



Shock Mounts

Vertical Shock absorbers make the car react sharply to driver inputs.
 A laydown shock offers a softer feel to the driver.

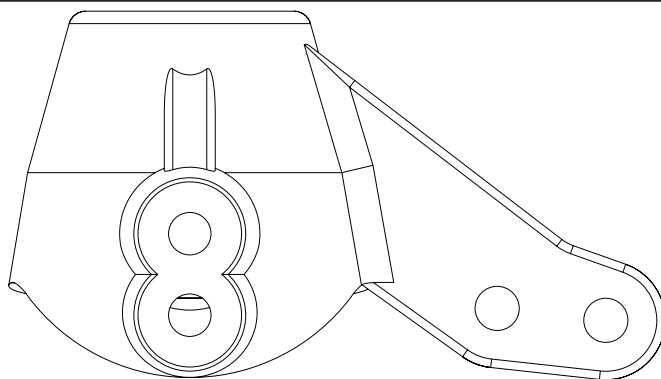


Ackerman and Camber Link Position

The front track rod hole is a lower ackerman position. This means the outer wheel has more lock and gives the car a faster more aggressive steering response.

The rear track rod hole is a greater ackerman position giving less outside wheel lock. Less outside wheel lock gives a smoother, more proportional, steering. It is the preferred setting for high grip tracks.

The inner camber link hole offers an aggressive steering response. The outer camber link hole is the kit position. It offers a softer initial steering response

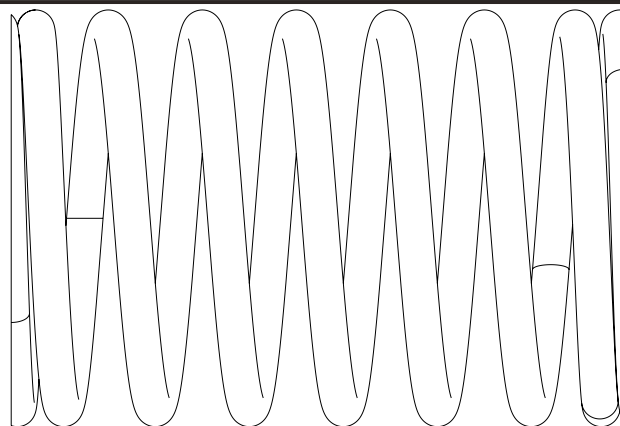


Springs

The spring rate controls the suspension stiffness.

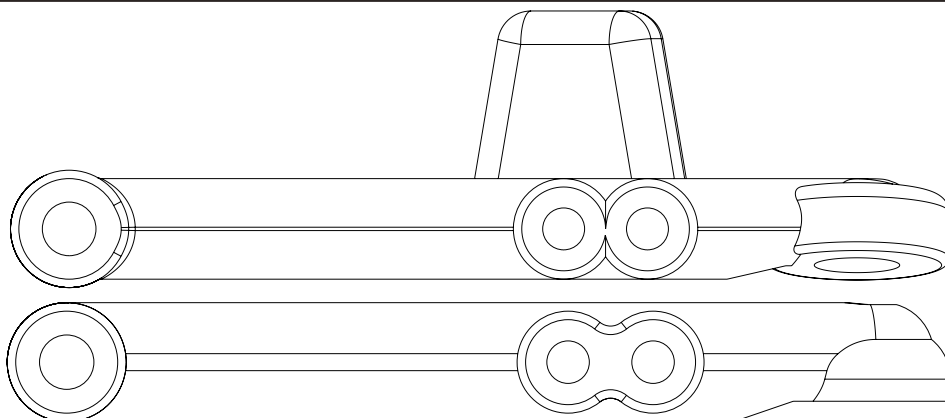
Adjusting the ride height does not affect the stiffness of the suspension.

On slippery or bumpy tracks use soft to medium rate springs.
On flat or high grip tracks run medium to hard rate springs.



Lower Shock Position

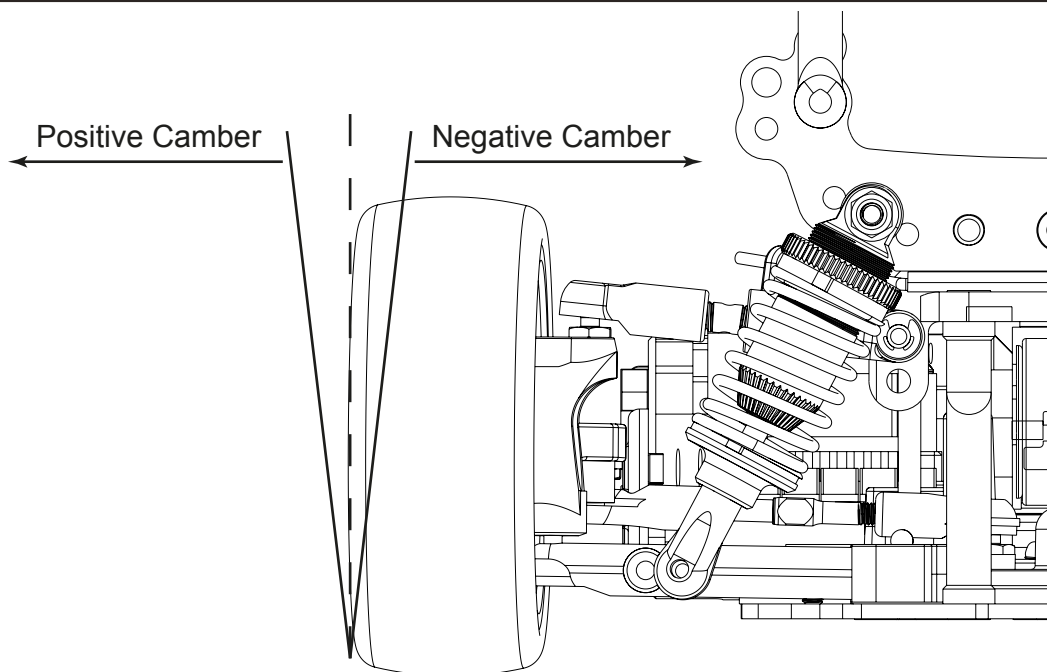
The inner (kit) position is the best for most track conditions.
The outer position is good on very high grip tracks.

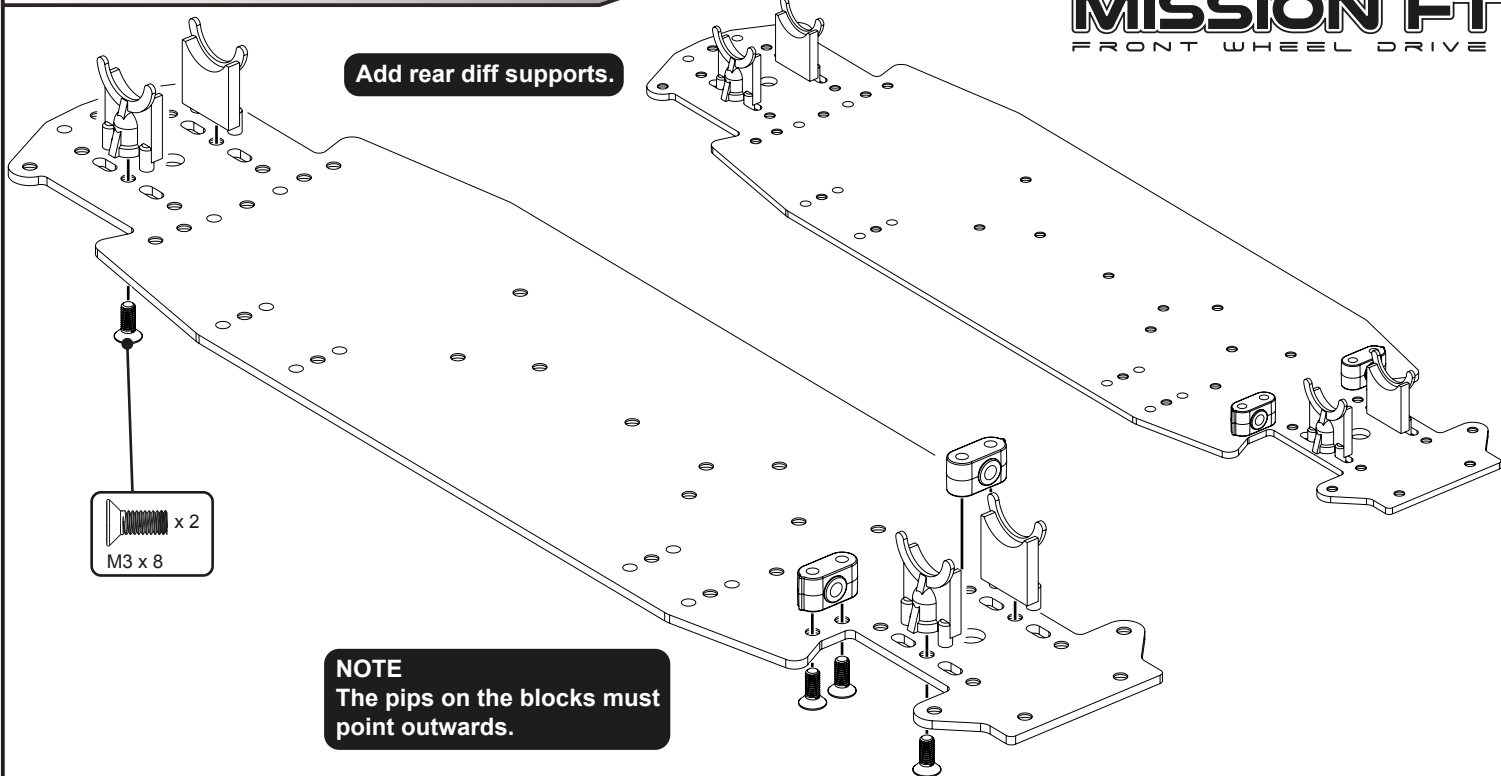


Camber

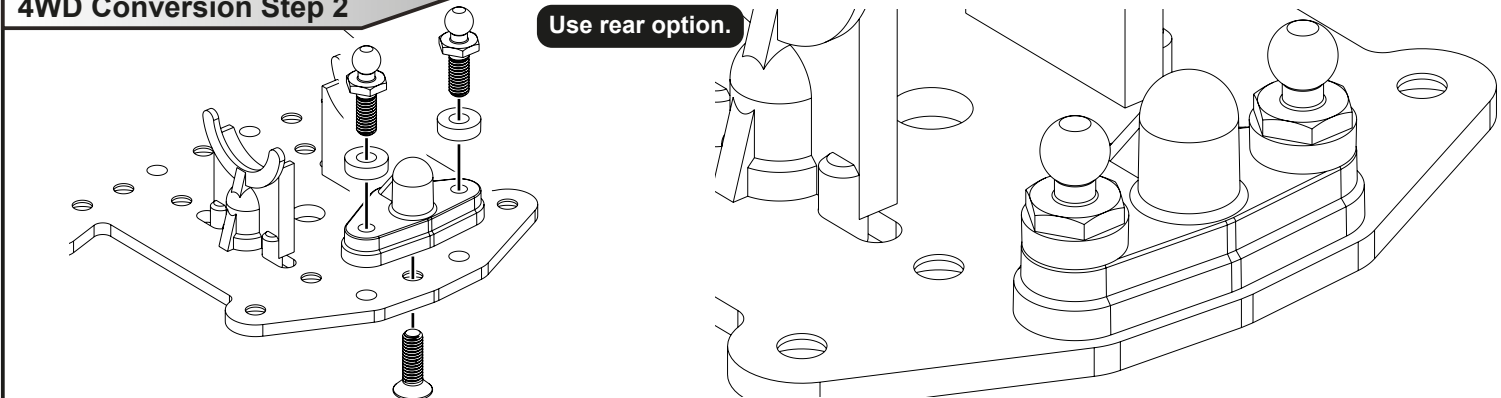
More negative camber gives more grip in the corners but can break away suddenly.

Less negative camber gives a more progressive slide but less overall grip.

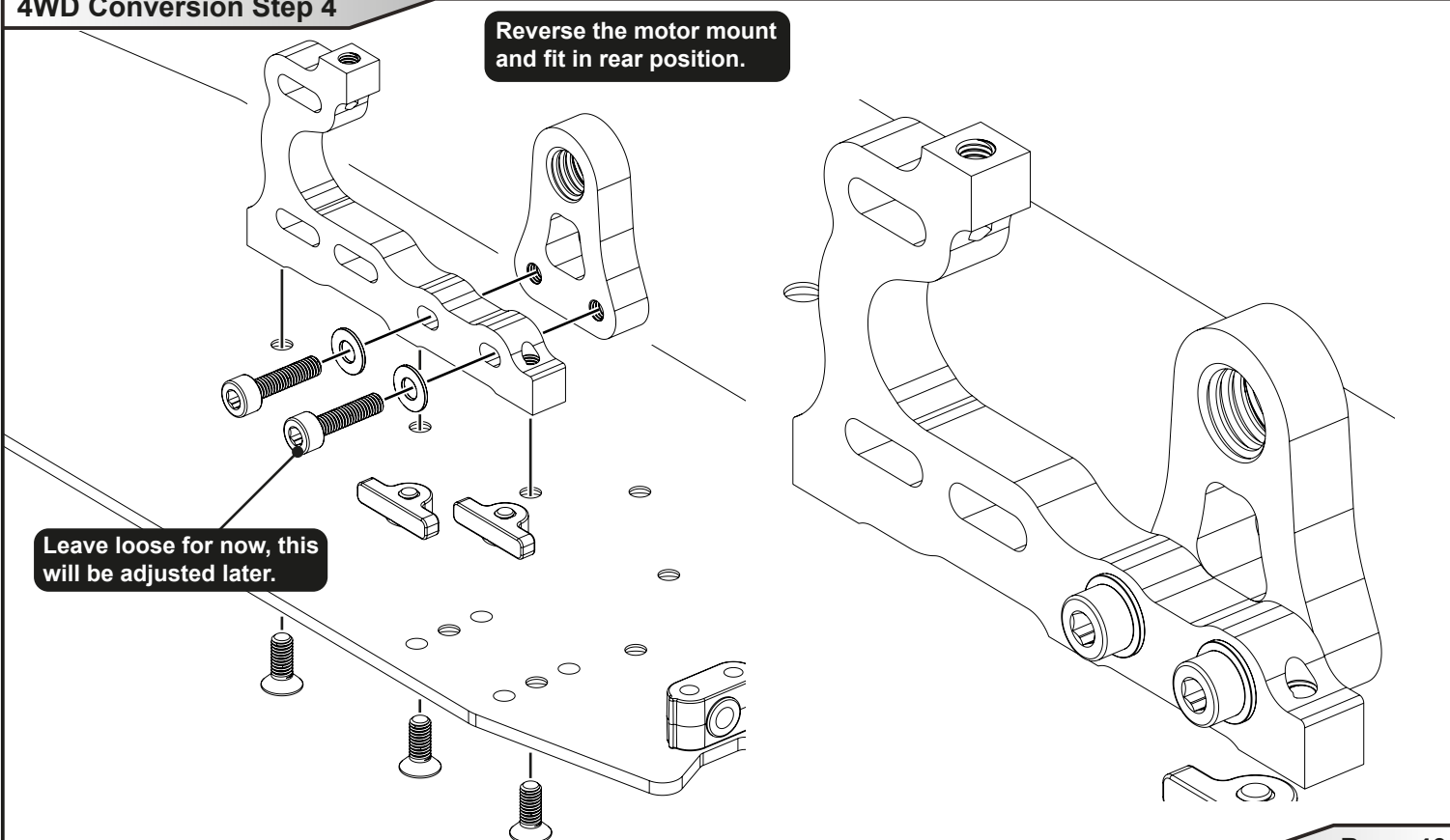




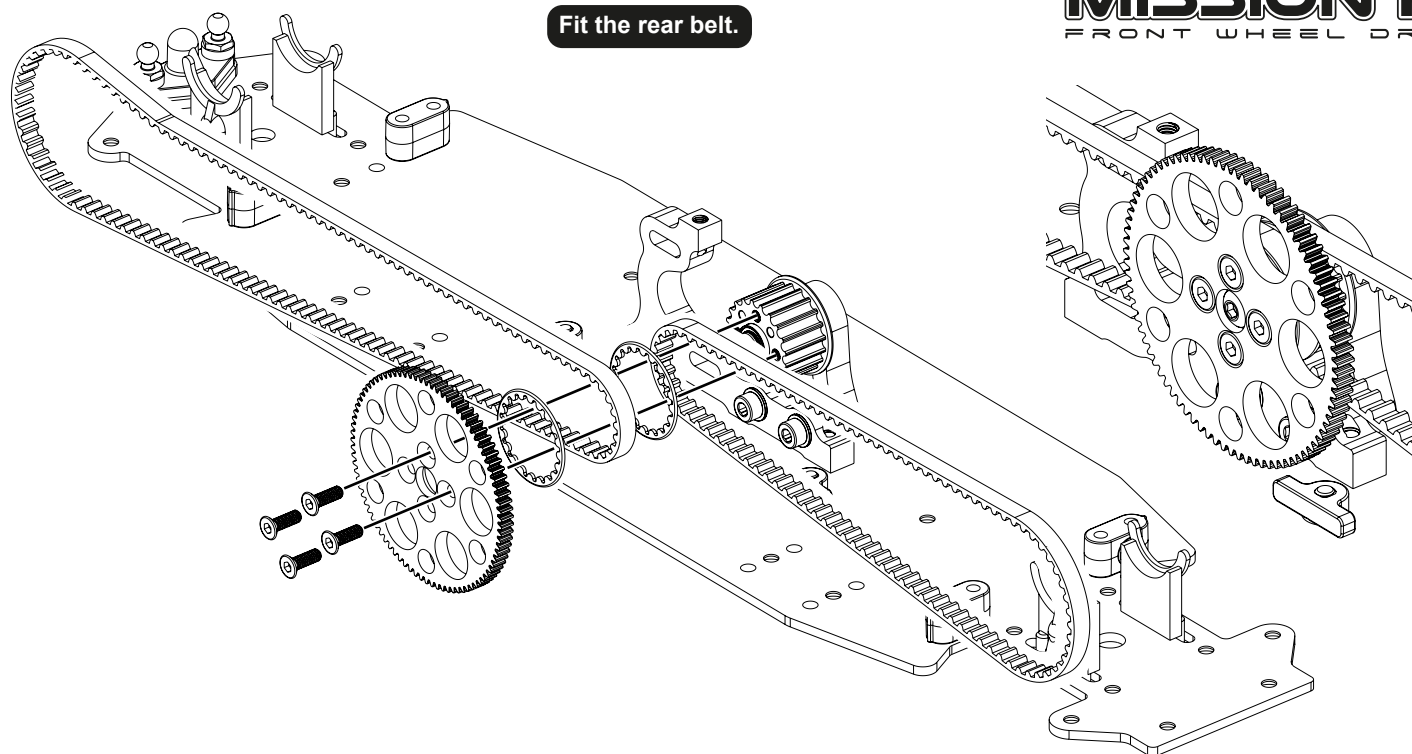
4WD Conversion Step 2



4WD Conversion Step 4

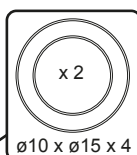


Fit the rear belt.

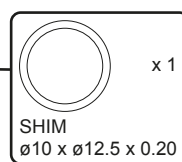


4WD Conversion Step 10

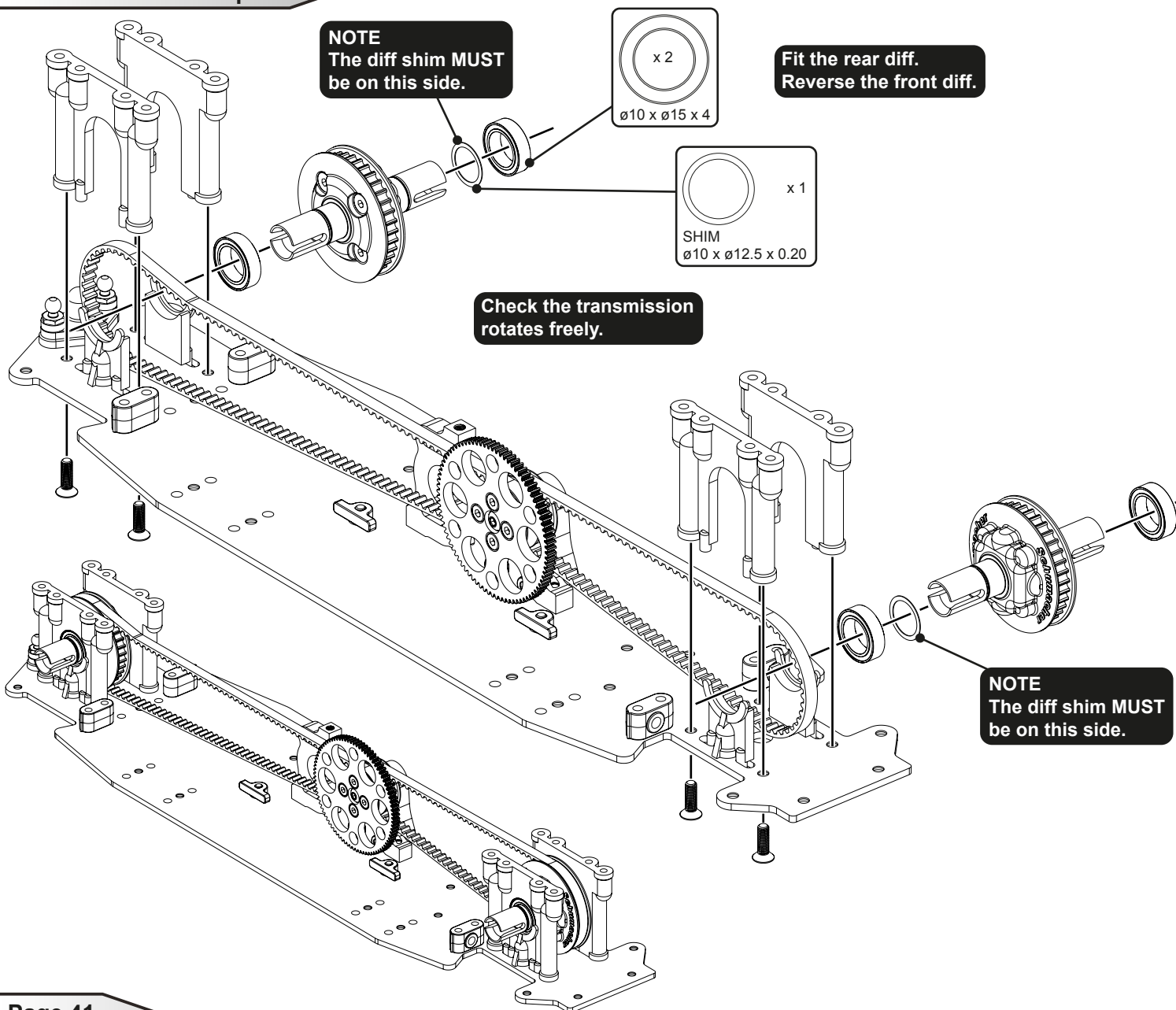
NOTE
The diff shim **MUST**
be on this side.



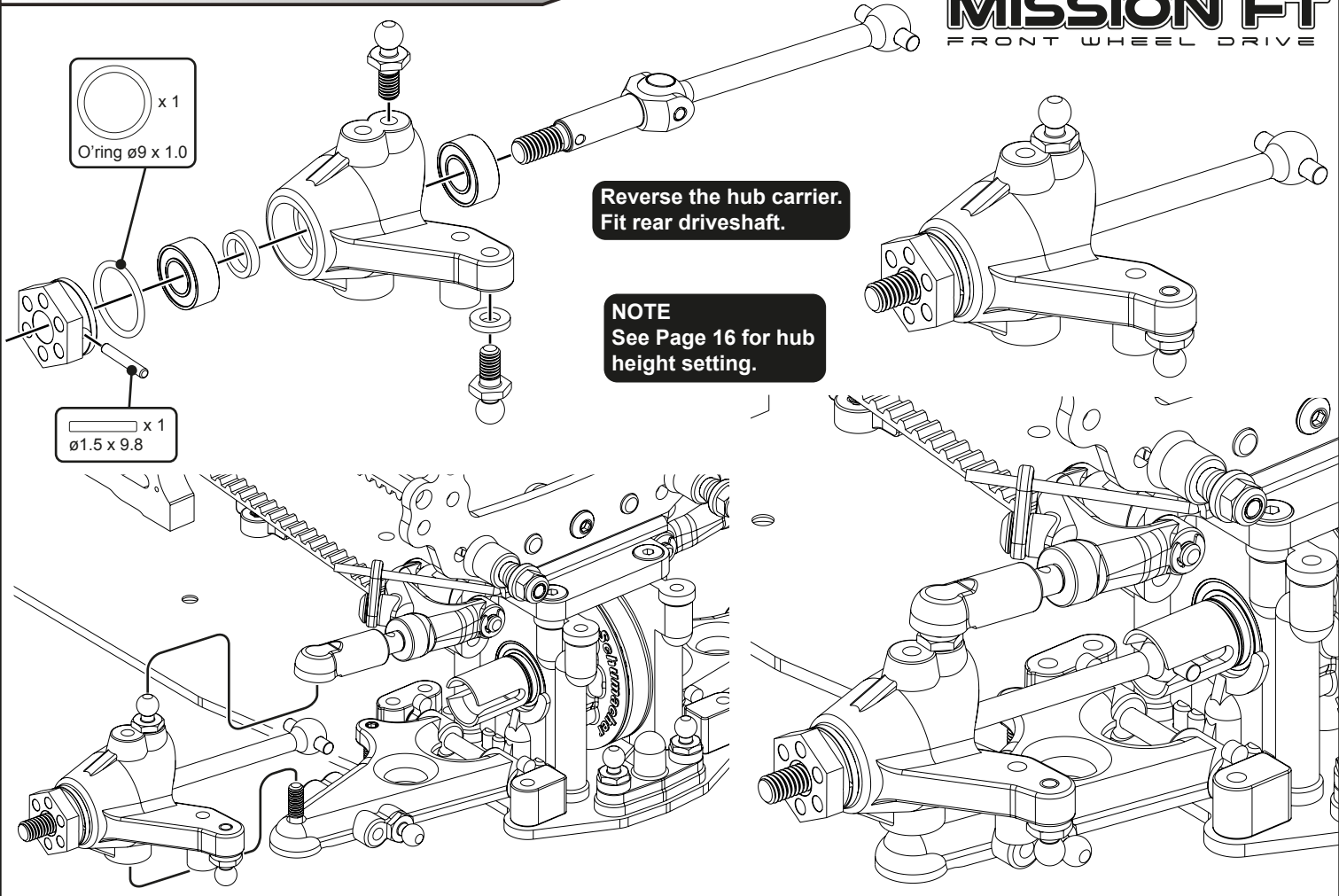
Fit the rear diff.
Reverse the front diff.



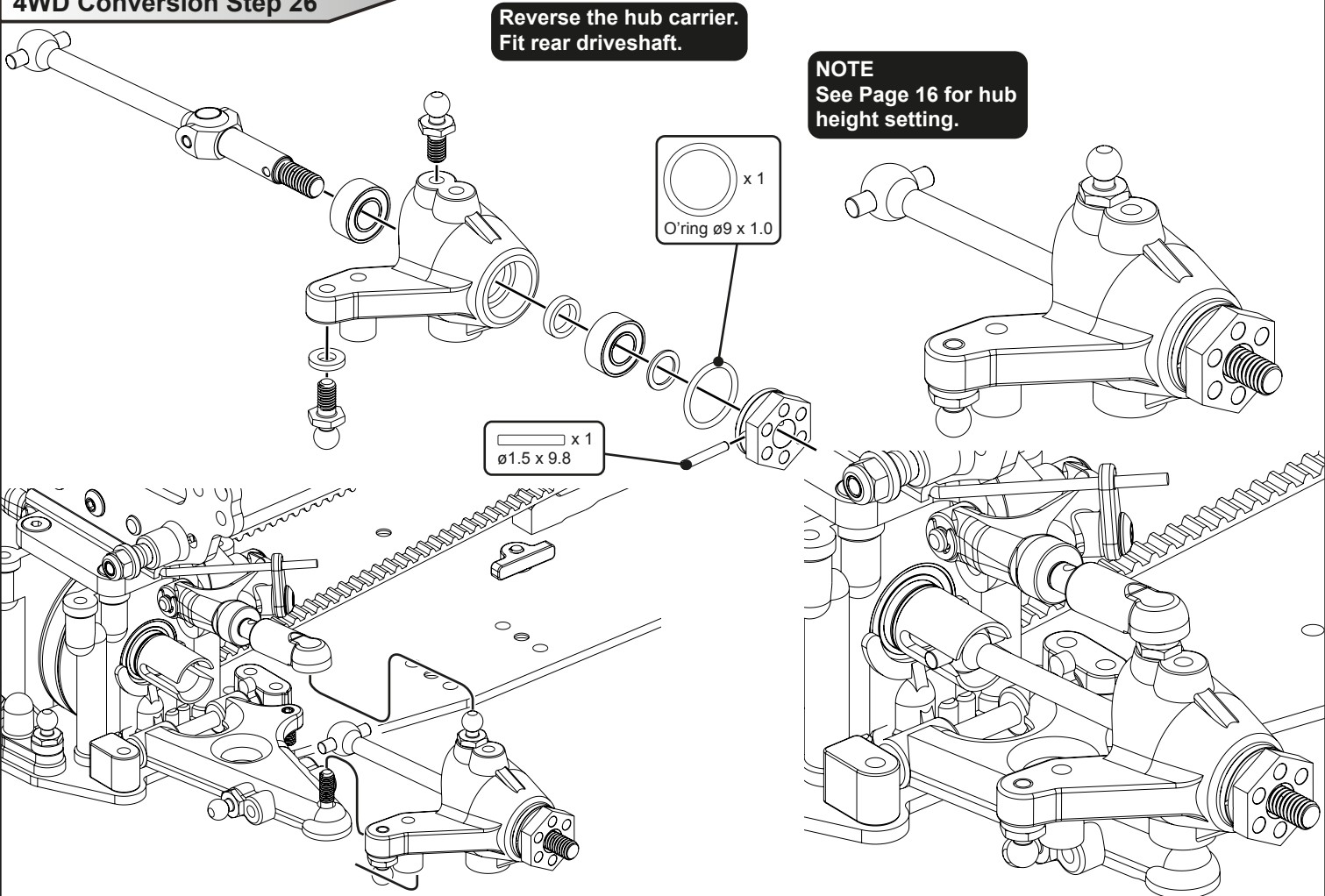
Check the transmission
rotates freely.



NOTE
The diff shim **MUST**
be on this side.



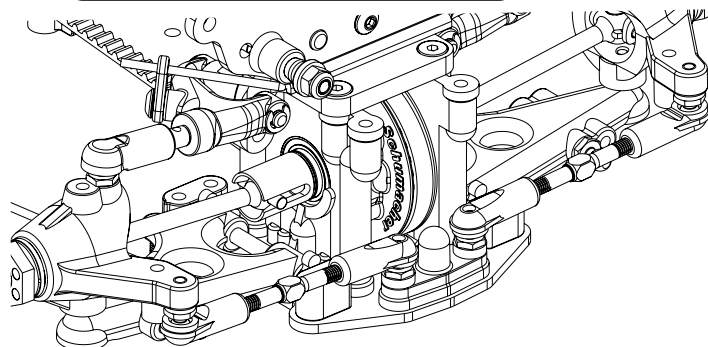
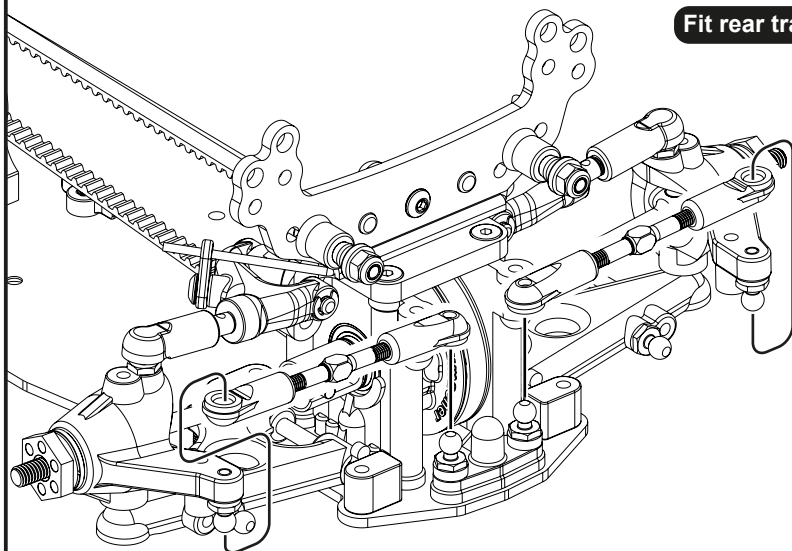
4WD Conversion Step 26



Fit rear trackrods.

NOTE

See Page 17 for turnbuckle assembly.
The length of the turnbuckle should
be set to 27.00mm

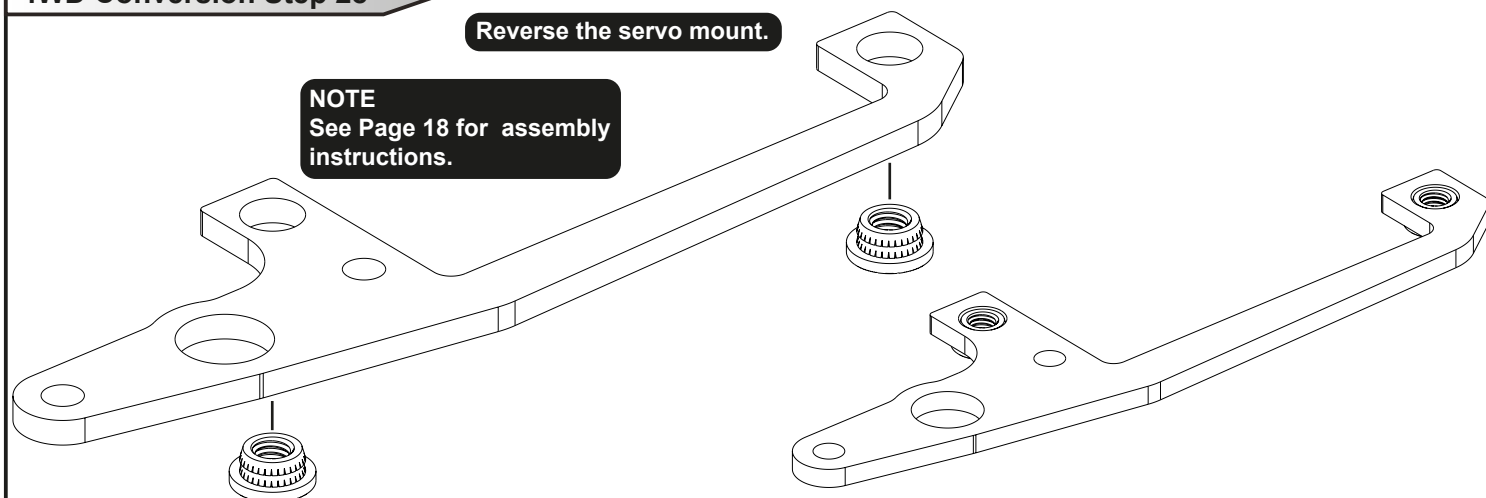


4WD Conversion Step 28

Reverse the servo mount.

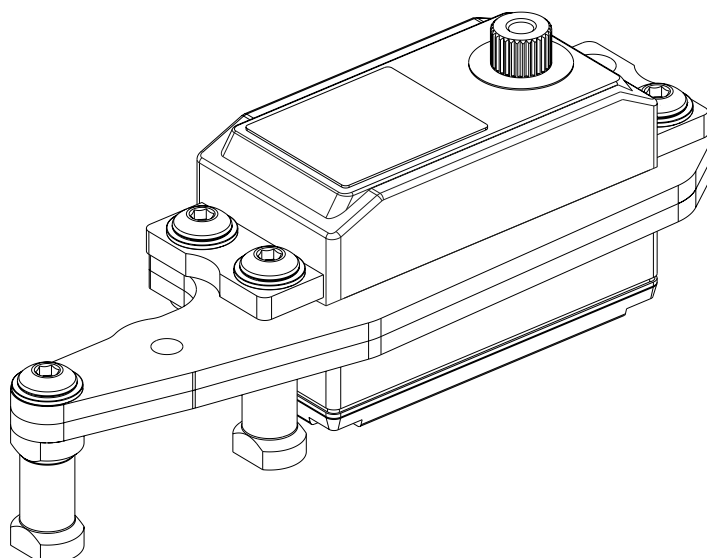
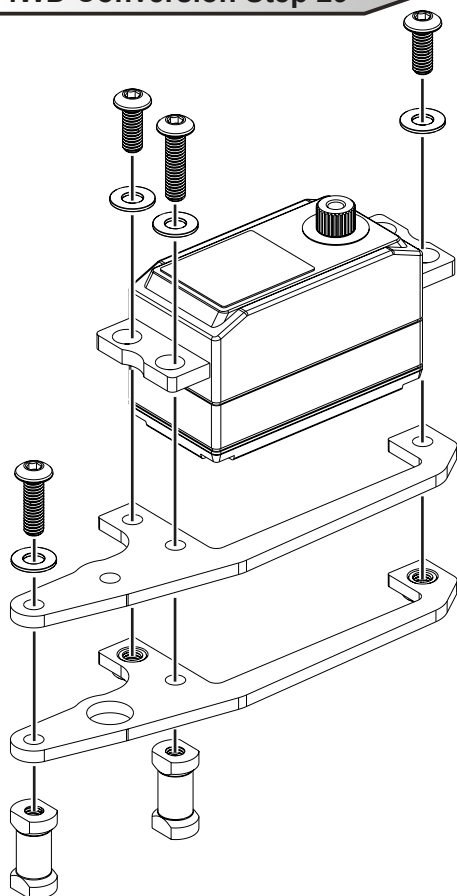
NOTE

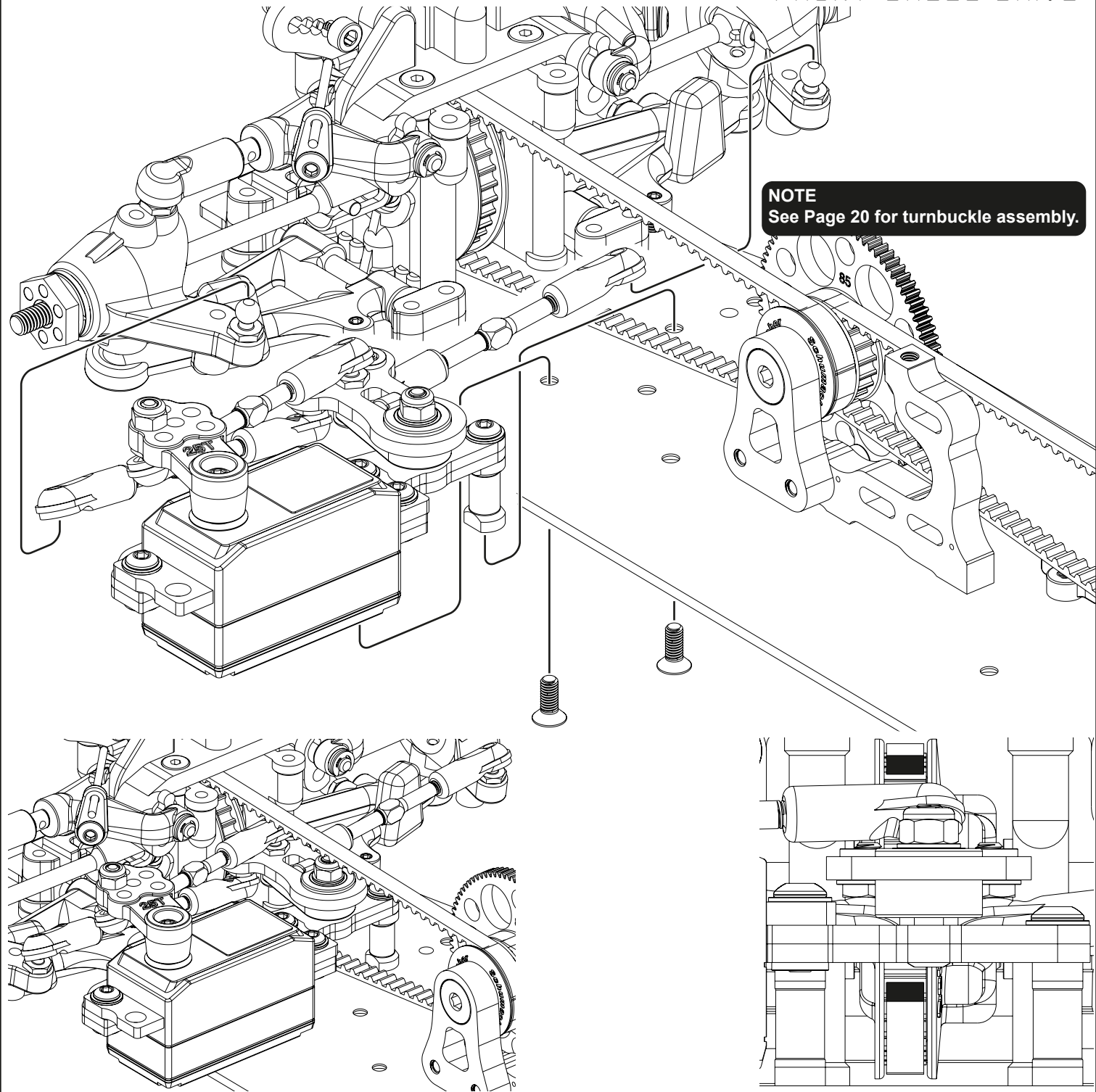
See Page 18 for assembly
instructions.



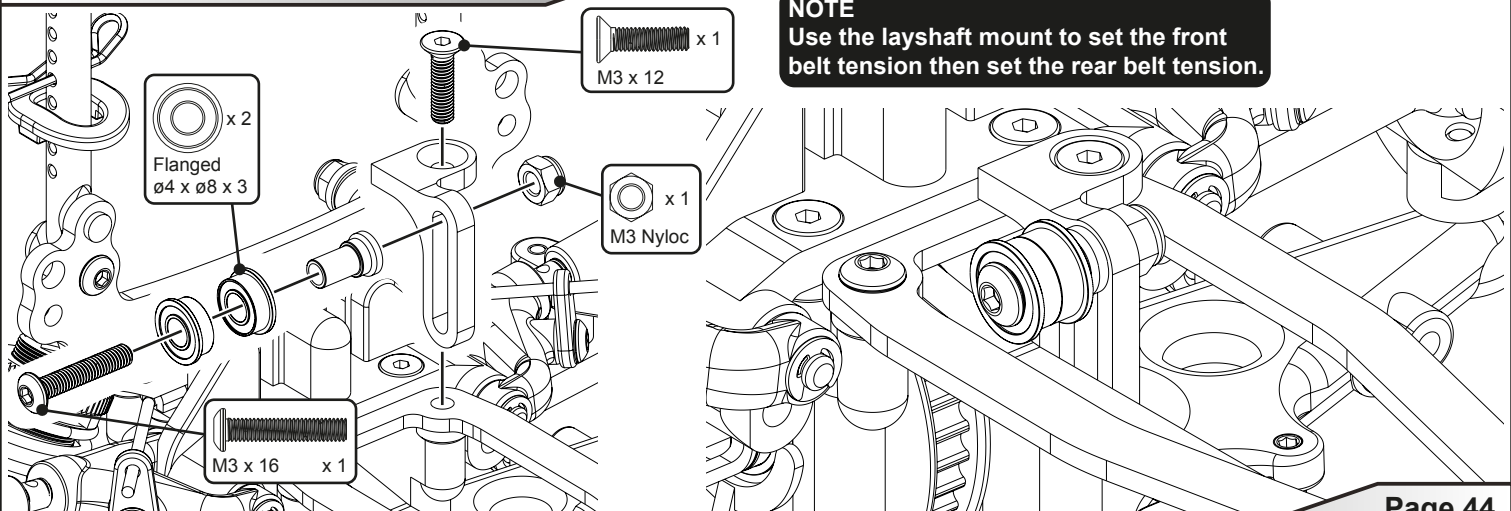
4WD Conversion Step 29

Reverse the servo in the car.





4WD Conversion Rear Belt Tensioner





- AX011** Aerrox Alloy Servo Arm - Offset 25T Futaba
AX012 Aerrox Alloy Servo Arm - Offset 23T KO/Sanwa
CR465 Alloy Offset Servo Arm 23T - Sanwa/KO
CR466 Alloy Offset Servo Arm 25T - Futaba
U4328 Impact Servo Saver



- CR280** Ti Pro Ball Studs - Short - (pr)
CR281 Ti Pro Ball Studs - Ultra Short - (pr)
CR282 Ti Pro Ball Studs - Long - (pr)
U4273 Pro Ball Stud Ultra Short - pk4
U4274 Pro Ball Stud Short - pk4
U4275 Pro Ball Stud Long - pk4



- U2462** Alloy Diff Mount - Mission



- U3525** Alloy Wheel Hex - Medium - Mi4/Mi5 (pr)
U3570 Alloy Wheel Hex - Slim - Mi4LP (pr)



- CR035** CORE RC - Serrated Alloy M4 Nuts; Blue pk 4
CR036 CORE RC - Serrated Alloy M4 Nuts; Violet pk 4
CR196 CORE RC - Serrated Alloy M4 Nuts - Black - pk4
CR304 Titanium Wheel Nuts M4 - pk4
U2135 M4 Nyloc Wheel Nut - Purple Alloy (pk4)
U2810 M4 Nyloc Wheel Nut - Red Alloy (pk4)
U2811 M4 Nyloc Wheel Nut - Blue Alloy (pk4)
U2812 M4 Nyloc Wheel Nut - Black Alloy (pk4)



- U3162** 89T 48DP CNC Spur Gear - Mi4/Mi5
U3247 70T 48DP CNC Spur Gear - Mi4/Mi5
U3248 96T 64dp CNC Spur Gear - Mi4/Mi5
U3269 90T 64DP CNC Spur Gear - Mi4/Mi5
U3560 74T 48DP CNC Spur Gear Mi4/Mi5
U4361 64T - 48DP -CNC Spur Gear - Mi3/4/5
U4603 Spur Gear CNC - 80T - 48DP - Mi4/5

4WD Option Parts



- U4174** Gear Diff - K1/KF



- U3808** Spool; Complete Assembly - Mi1
U3809 Spool Axle - Mi1



U4401 Assembled Shock V2 - Mi5 (pr)



U1818 Purple Alloy Shock Seal Housing (pr)
(For standard shocks)



U4890 Alloy Spring Seat - Off Road - pr



U7316 Titanium Turnbuckle - 39mm - Silver - pr

U7317 Titanium Turnbuckle - 45mm - Silver - pr



U7827 Alloy LiPo Mount - Mi7 (pr)

U7838 C/F LiPo Hook - Mi7 (pr)

U7839 C/F LiPo Swivel - Mi7 (pr)



U7837 C/F Upper Bumper - Mi7

U7866 Lightweight Foam Bumper - Mi7



U7753 Double Joint Driveshaft - V2 (pr)

U7754 Double Joint Driveshaft Pins,Pivots - V2

U7755 Double Joint Driveshaft Bone - V2

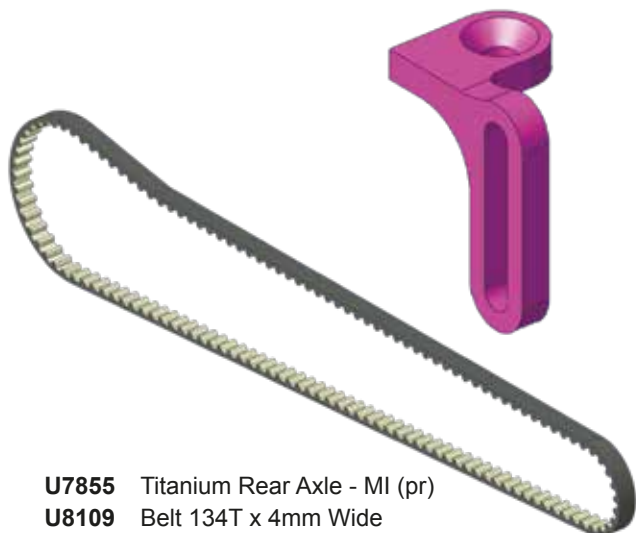
U7756 Double Joint Driveshaft Axle - V2

U7757 Double Joint Driveshaft Tube - V2

U7854 Alloy Double Joint Driveshaft Tube -V2 (pr)



4WD Option Parts

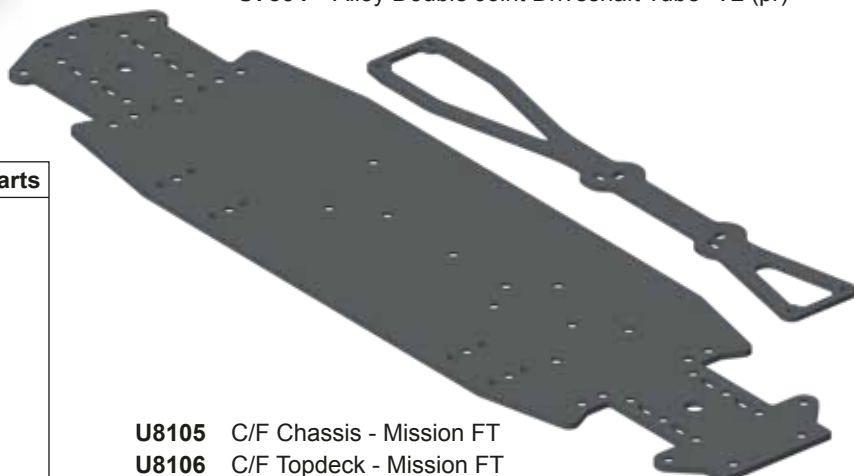


U7855 Titanium Rear Axle - MI (pr)

U8109 Belt 134T x 4mm Wide

U8110 Alloy Rear Belt Adjuster - Mission FT

U8111 4WD Conversion - Mission FT



U8105 C/F Chassis - Mission FT

U8106 C/F Topdeck - Mission FT



U8107 C/F Front Shock Mount - Mission FT

U8108 C/F Rear Shock Mount - Mission FT



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



Schumacher Winter Jacket

G318S	Small 36-38 inch
G318M	Medium 38-41 inch
G318L	Large 42-44 inch
G318XL	X Large 44-47 inch
G318XXXL	XX Large 48-50 inch



Schumacher Arrows Hoody

G348XS	Extra Small
G348S	Small
G348M	Medium
G348L	Large
G348XL	X Large
G348XXL	XX Large
G348XXXL	XXX Large



Schumacher Team RETRO TEE!

G345S - Small
G345M - Medium
G345L - Large
G345XL - X-Large
G345XXXL - XXXX-Large



Schumacher Arrows T-Shirt

G347XXS	XX SMALL
G347XS	X Small
G347S	Small
G347M	Medium
G347L	Large
G347XL	X Large
G347XXL	XX Large
G347XXXL	XXX Large
G347XXXXL	XXXX Large
G347XXXXXL	XXXXX Large
G347XXXXXXL	XXXXXX Large



Schumacher Gilet - Frost Grey

G346S	Small
G346M	Medium
G346L	Large
G346XL	X-Large
G346XXL	XX-Large



Schumacher Snapback Flatbill Cap - Heather

G360 One Size Fits All



Schumacher Arrows Polo Shirt

G350S	Small
G350M	Medium
G350L	Large
G350XL	X Large
G350XXL	XX Large
G350XXXL	XXX Large
G350XXXXL	XXXX Large
G350XXXXXL	XXXXX Large



Schumacher Arrows Zipped Hoody

G349S	Small
G349M	Medium
G349L	Large
G349XL	X Large
G349XXL	XX Large



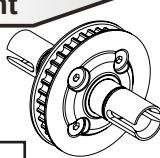

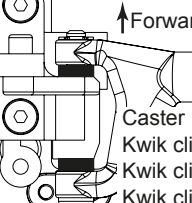
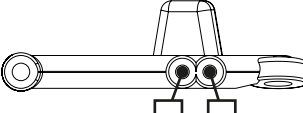

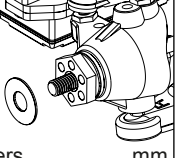
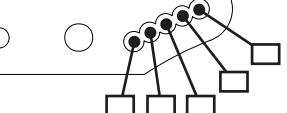
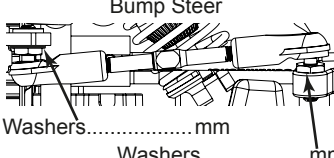
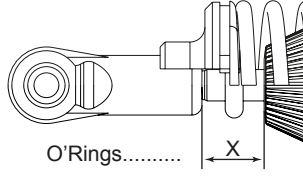
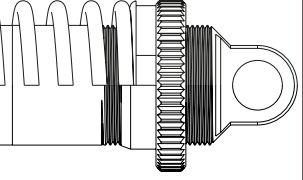
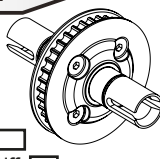
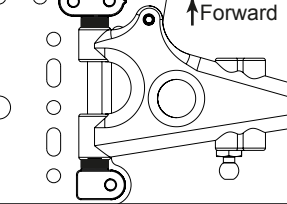
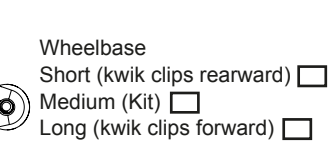
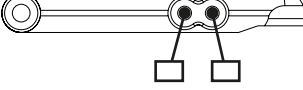
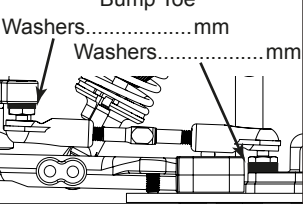
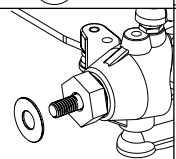
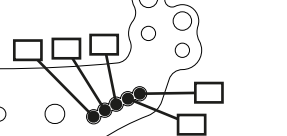
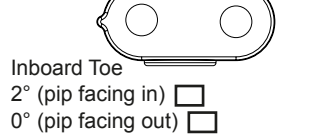
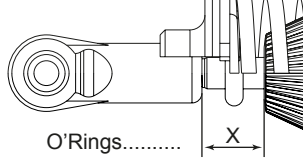
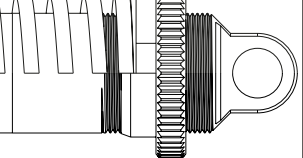
Schumacher Flexfit Cap - Grey

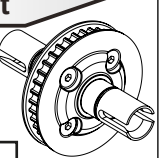

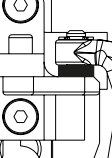
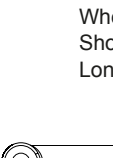
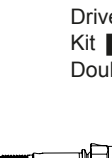
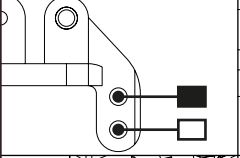
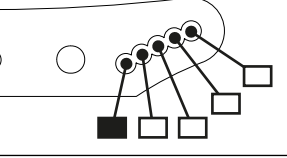
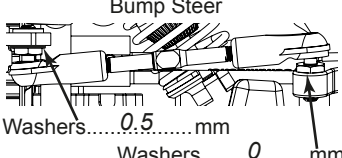
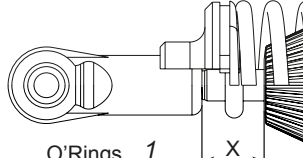
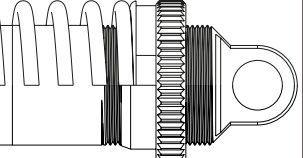
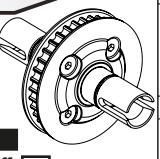
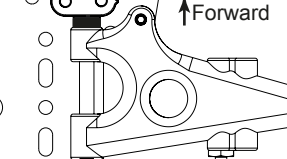
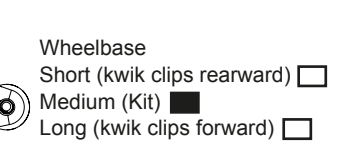
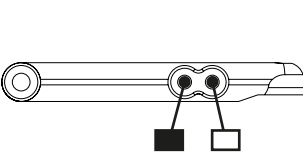
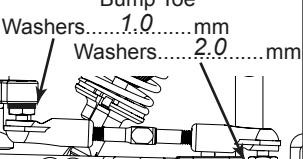
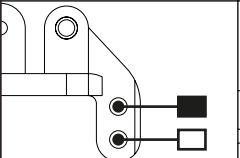
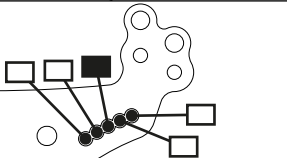
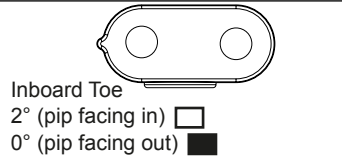
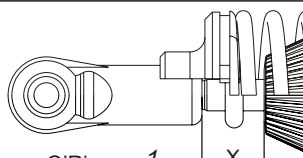
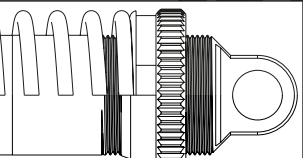
G361	Small / Medium
G362	Large / X Large



Towels

G315 Schumacher Pit Towel

Driver Details		Notes		
Name		<div>MISSION FT</div> <div>FRONT WHEEL DRIVE</div>		
Date				
Event / Track				
Weather				
Result				
Fastest Lap				
Chassis and Electrics				
Chassis Kit <input type="checkbox"/> C/F <input type="checkbox"/>				
Top Deck Kit <input type="checkbox"/> C/F <input type="checkbox"/> Dowel Yes <input type="checkbox"/> No <input type="checkbox"/>				
Bodyshell				
Wing				
ESC				
Servo				
Receiver				
LiPo Under LiPo Weight g				
Track Conditions				
Grip Level High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>				
Type Tight <input type="checkbox"/> Open <input type="checkbox"/> Mixed <input type="checkbox"/>				
Surface Carpet <input type="checkbox"/> Tarmac <input type="checkbox"/>				
Condition Smooth <input type="checkbox"/> Bumpy <input type="checkbox"/>				
Air Temperature °C °F Track Temperature °C °F				
Venue Indoor <input type="checkbox"/> Outdoor <input type="checkbox"/>				
Motor and Gearing		Option Builds		
Motor		4WD Conversion Yes <input type="checkbox"/> No <input type="checkbox"/>		
Rotor Diameter		Body Posts Horizontal <input type="checkbox"/> Vertical <input type="checkbox"/>		
Timing		Wheels, Tyres and Inserts		
Gear Pitch 48DP <input type="checkbox"/> 64DP <input type="checkbox"/>		Wheels		
Spur Size		Tyres		
Pinion Size		Inserts		
		Tyre Additive		
		Additive Time Front Minutes Rear Minutes		
		Tyre Warmers Yes <input type="checkbox"/> No <input type="checkbox"/> Temp °C Time Minutes		
Front				
<div><div>Spool <input type="checkbox"/></div><div>Gear Diff <input type="checkbox"/></div><div>Diff Oil.....cSt</div></div>	<div><div>Servo Saver Yes <input type="checkbox"/> No <input type="checkbox"/></div><div>Inside wheel lock.....°</div><div>Outside wheel lock.....°</div></div>	<div><div>↑ Forward</div><div>Caster</div><div>Kwik clips rearward <input type="checkbox"/></div><div>Kwik clip either side <input type="checkbox"/></div><div>Kwik clips forward <input type="checkbox"/></div></div>	<div><div>Wheelbase Short (Kit) <input type="checkbox"/> Long <input type="checkbox"/></div></div>	<div><div>Driveshaft Kit <input type="checkbox"/> Double Joint <input type="checkbox"/></div></div>
<div><div>Washers.....mm</div></div>	<div><div>Anti Roll Bar Yes <input type="checkbox"/> No <input type="checkbox"/></div></div>	<div><div>Bump Steer</div><div>Washers.....mm</div><div>Washers.....mm</div><div>Plastic <input type="checkbox"/></div><div>Alloy <input type="checkbox"/></div></div>	<div><div>O'Rings..... X</div><div>Ride Height..... mm</div><div>Drop..... mm</div><div>Camber..... °</div><div>Toe..... °</div></div>	<div><div>Oil.....cSt</div><div>Spring.....</div><div>Piston.....</div><div>Shock Length (X)..... mm</div><div>Rebound..... %</div></div>
Rear				
<div><div>None <input type="checkbox"/></div><div>Gear Diff <input type="checkbox"/></div><div>Diff Oil.....cSt</div></div>	<div><div>↑ Forward</div></div>	<div><div>Wheelbase Short (kwik clips rearward) <input type="checkbox"/> Medium (Kit) <input type="checkbox"/> Long (kwik clips forward) <input type="checkbox"/></div></div>	<div><div></div></div>	<div><div>Bump Toe</div><div>Washers.....mm</div><div>Washers.....mm</div></div>
<div><div>Washers.....mm</div></div>	<div><div>Anti Roll Bar Yes <input type="checkbox"/> No <input type="checkbox"/></div></div>	<div><div>Inboard Toe 2° (pip facing in) <input type="checkbox"/> 0° (pip facing out) <input type="checkbox"/></div><div>Plastic <input type="checkbox"/></div><div>Alloy <input type="checkbox"/></div></div>	<div><div>O'Rings..... X</div><div>Ride Height..... mm</div><div>Drop..... mm</div><div>Camber..... °</div><div>Toe..... °</div></div>	<div><div>Oil.....cSt</div><div>Spring.....</div><div>Piston.....</div><div>Shock Length (X)..... mm</div><div>Rebound..... %</div></div>

Driver Details		Notes		
Name <i>Test Driver</i>		<div>MISSION FT</div> <div>FRONT WHEEL DRIVE</div> <div>This is the kit build setup.</div>		
Date				
Event / Track				
Weather				
Result				
Fastest Lap				
Chassis and Electrics				
Chassis Kit <input checked="" type="checkbox"/> C/F <input type="checkbox"/>				
Top Deck Kit <input type="checkbox"/> C/F <input type="checkbox"/> Dowel Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Bodyshell <i>Montech Vision</i>				
Wing <i>Std</i>				
ESC <i>Hobbywing</i>				
Servo <i>Highest</i>				
Receiver <i>Sanwa</i>				
LiPo <i>LRP</i> Under LiPo Weight <i>g</i>				
Track Conditions				
Grip Level High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/>				
Type Tight <input type="checkbox"/> Open <input type="checkbox"/> Mixed <input type="checkbox"/>				
Surface Carpet <input type="checkbox"/> Tarmac <input type="checkbox"/>				
Condition Smooth <input type="checkbox"/> Bumpy <input type="checkbox"/>				
Air Temperature °C °F Track Temperature °C °F				
Venue Indoor <input type="checkbox"/> Outdoor <input type="checkbox"/>				
Motor and Gearing				
Motor <i>Hobbywing</i>				
Rotor Diameter <i>Std</i>				
Timing <i>40°</i>				
Gear Pitch 48DP <input checked="" type="checkbox"/> 64DP <input type="checkbox"/>				
Spur Size <i>85T</i>				
Pinion Size <i>29T</i>				
Option Builds				
4WD Conversion Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Body Posts Horizontal <input type="checkbox"/> Vertical <input checked="" type="checkbox"/>				
Wheels, Tyres and Inserts				
Wheels <i>Ride</i>				
Tyres <i>Ride</i>				
Inserts <i>Ride</i>				
Tyre Additive <i>MR33</i>				
Additive Time Front Minutes Rear Minutes				
Tyre Warmers Yes <input type="checkbox"/> No <input type="checkbox"/> Temp °C Time Minutes				
Front				
 Spool <input type="checkbox"/> Gear Diff <input checked="" type="checkbox"/> Diff Oil..... <i>12,000</i>cSt	 Servo Saver Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Inside wheel lock..... <i>25</i>° Outside wheel lock.....°	 ↑Forward Caster Kwik clips rearward <input type="checkbox"/> Kwik clip either side <input checked="" type="checkbox"/> Kwik clips forward <input type="checkbox"/>	 Wheelbase Short (Kit) <input checked="" type="checkbox"/> Long <input type="checkbox"/>	 Driveshaft Kit <input checked="" type="checkbox"/> Double Joint <input type="checkbox"/>
 Washers..... <i>0</i>mm	 Anti Roll Bar Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	 Bump Steer Washers..... <i>0.5</i>mm Washers..... <i>0</i>mm Plastic <input checked="" type="checkbox"/> Alloy <input type="checkbox"/>	 O'Rings..... <i>1</i> Ride Height..... <i>5.5</i>mm Droop..... <i>22</i>mm Camber..... <i>1</i>° Toe..... <i>1 out</i>°	 Oil..... <i>400</i>cSt Spring..... <i>Black</i> Piston..... <i>2 hole</i> Shock Length (X)..... <i>10.00</i>mm Rebound..... <i>50</i>%
Rear				
 None <input checked="" type="checkbox"/> Gear Diff <input type="checkbox"/> Diff Oil.....cSt	 ↑Forward Wheelbase Short (kwik clips rearward) <input type="checkbox"/> Medium (Kit) <input checked="" type="checkbox"/> Long (kwik clips forward) <input type="checkbox"/>	 Inboard Toe 2° (pip facing in) <input type="checkbox"/> 0° (pip facing out) <input checked="" type="checkbox"/>	 Washers..... <i>1.0</i>mm Washers..... <i>2.0</i>mm	 Oil..... <i>400</i>cSt Spring..... <i>Orange</i> Piston..... <i>2 hole</i> Shock Length (X)..... <i>10.00</i>mm Rebound..... <i>50</i>%
 Washers..... <i>0</i>mm	 Anti Roll Bar Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	 Plastic <input checked="" type="checkbox"/> Alloy <input type="checkbox"/>	 O'Rings..... <i>1</i> Ride Height..... <i>6.0</i>mm Droop..... <i>21</i>mm Camber..... <i>1</i>° Toe..... <i>3 in</i>°	 Oil..... <i>400</i>cSt Spring..... <i>Orange</i> Piston..... <i>2 hole</i> Shock Length (X)..... <i>10.00</i>mm Rebound..... <i>50</i>%