

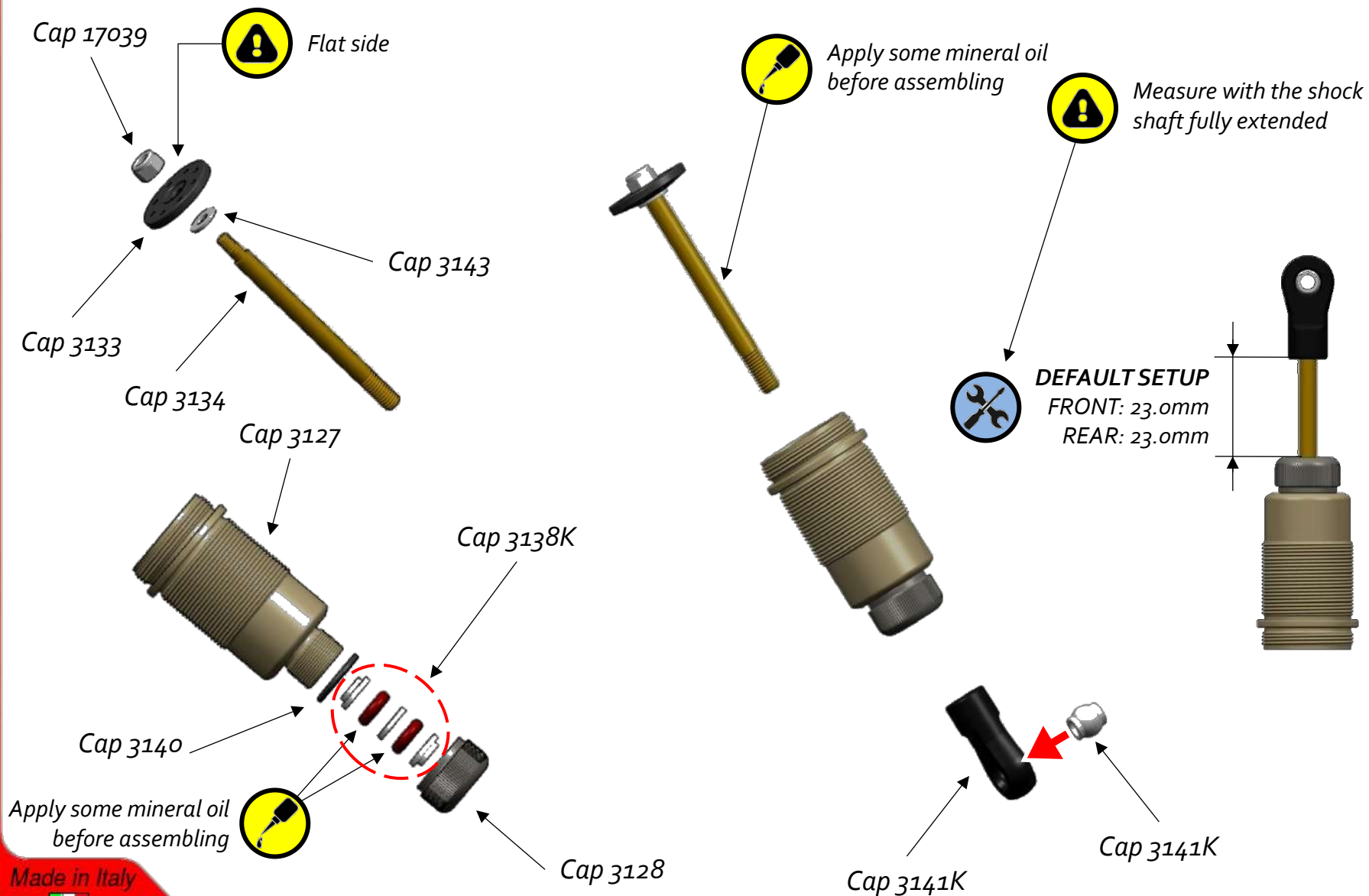
LAB GT2 EP

Instruction Manual



Part Code	Part Name & Picture	Qty
Cap 3127	Shock Body 	4
Cap 3134	Teflon Coated Shock Shaft 	4
Cap 3133	Shock Piston 8Holes 	4
Cap 3140	Shock Seal Cap O-Ring 	4
Cap 3138K	Shock O-Ring + Shims 	4
Cap 3128	Shock Seal Cap 	4
Cap 3141K	Shock Ball Joint + Ball 6mm 	4
Cap 3135	Shock Spring Holder 	4
Cap 3129K	Shock Spring Adjust Nut + O-Ring 	4

Part Code	Part Name & Picture	Qty
Cap 3132	Shock Bladder Medium 	4
Cap 3131K	Shock Cap + Ball Bushing + Screw 	4
Cap 3144-5.0	Blue Spring 	2
Cap 3144-4.75	Purple Spring 	2
Cap 3143	Shim 2.6x6x0.6 	4
Cap 17039	Self-locking Nut M2.5 	4



DEFAULT SETUP

FRONT: 1000cSt
REAR: 1000cSt

**FILL SHOCK AS FOLLOWS**

1. Extend the shock shaft completely
2. Fill up the shock body fully with silicone oil (not included)
3. Move the shock shaft slowly up and down to let all air bubbles escape from oil

Insert the O-Ring inside the shock spring adjust nut



Apply some mineral oil before assembling



Cap 3129K

Cap 3129K

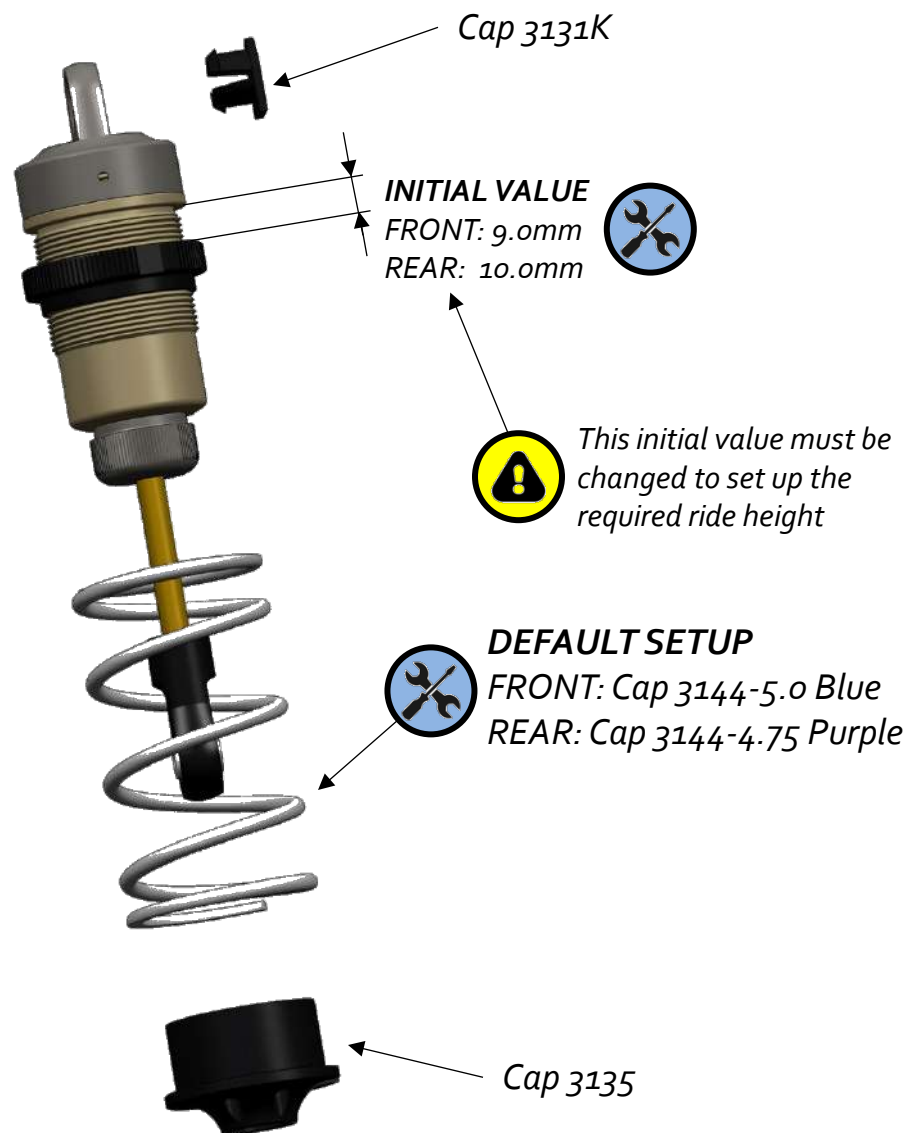
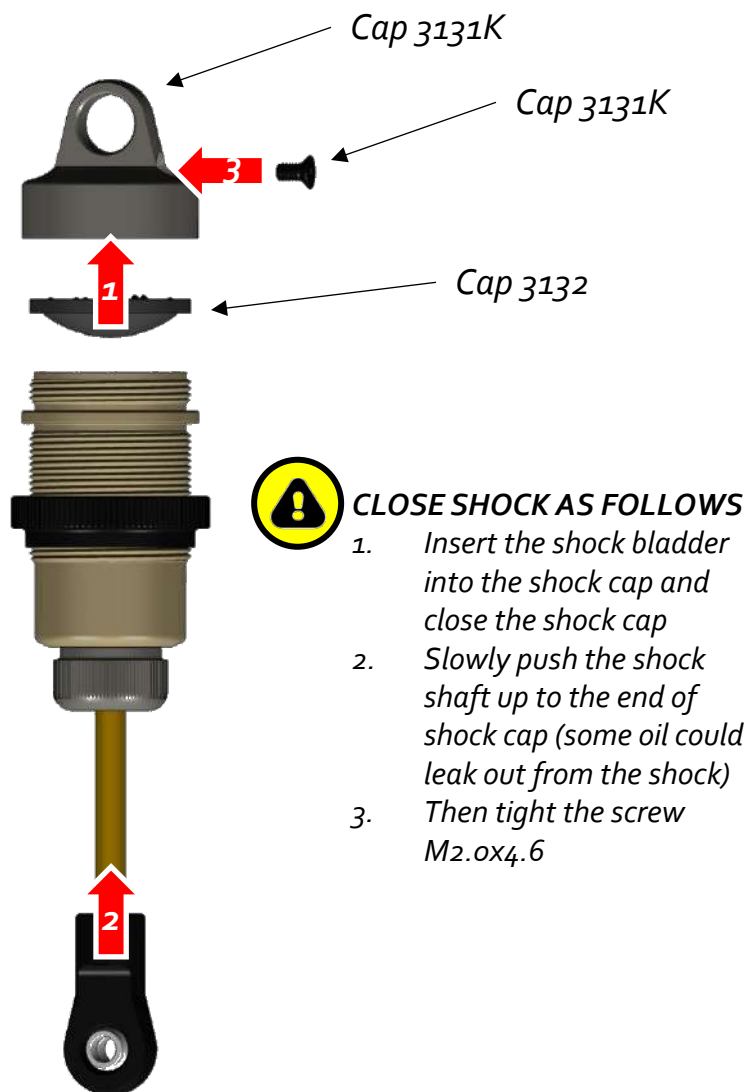


Shock Absorbers

Step 2

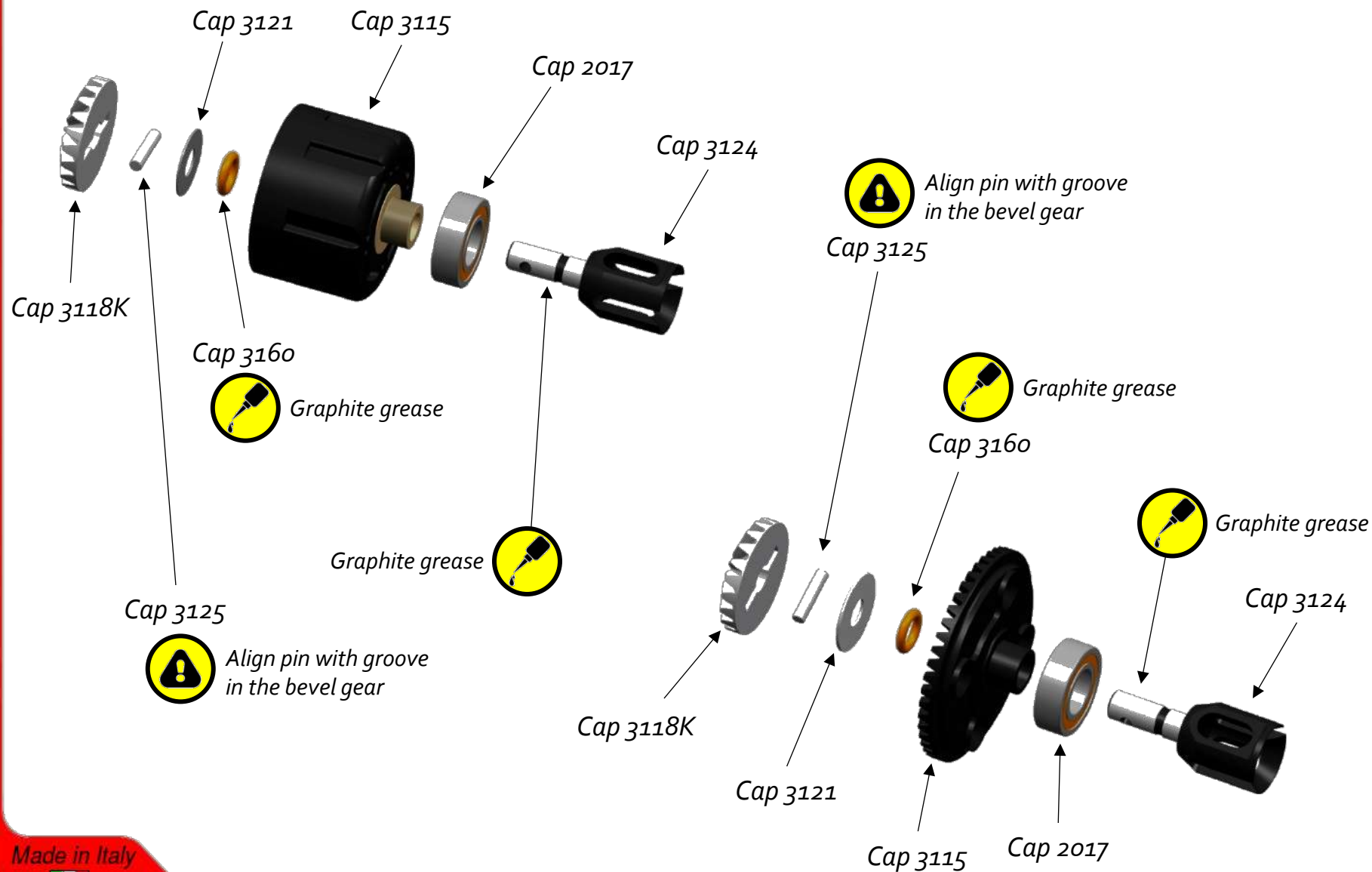
Capricorn RC

BUILD 4X



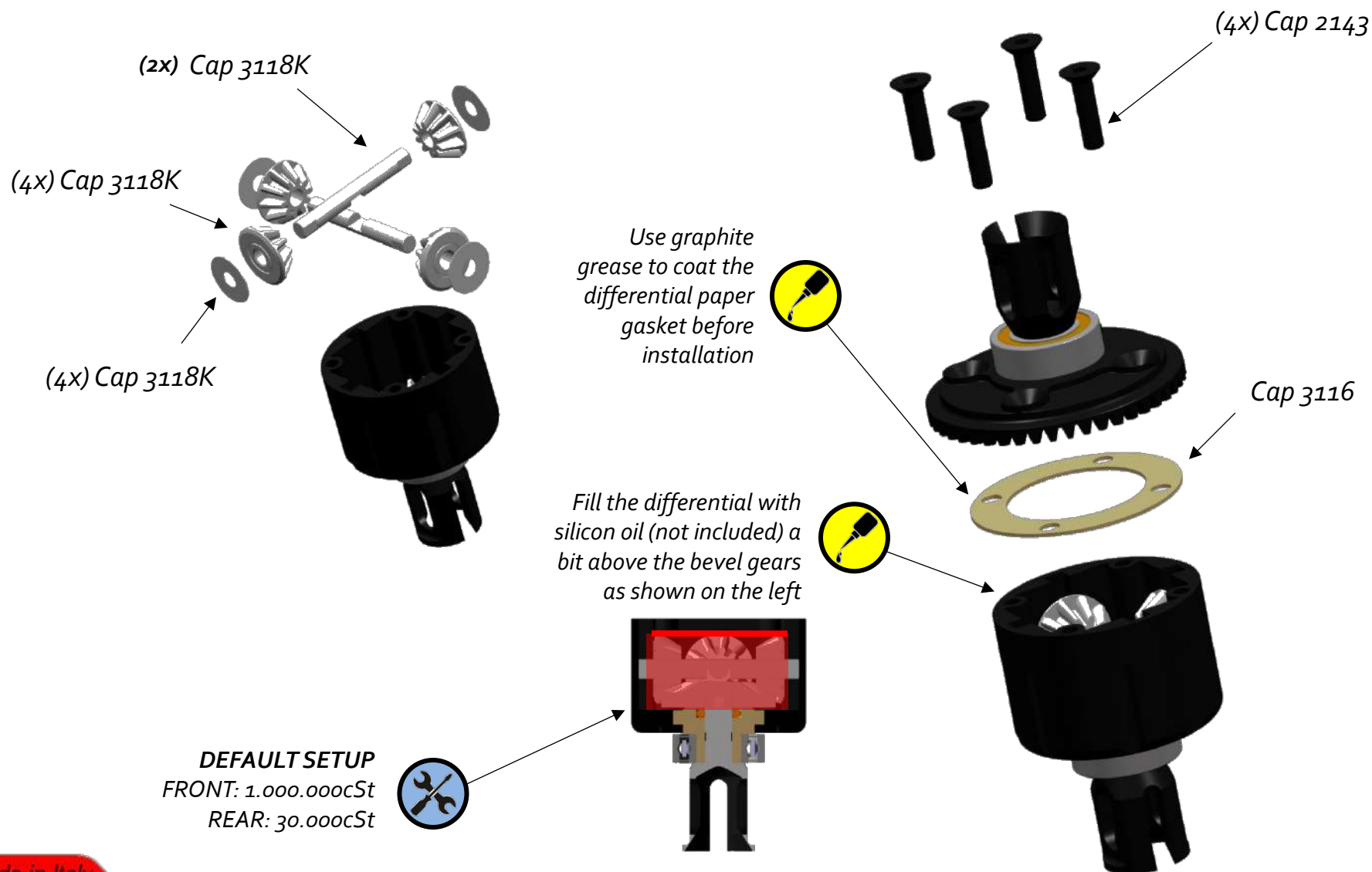
Part Code	Part Name & Picture	Qty
Cap 3115	Differential Case 	2
Cap 3117	Crown Gear 43T 	2
Cap 2017	Bearing 8x16x5 	4
Cap 3124	Differential Outdrive 	2
Cap 3160	O-Ring 4.8X1.5 	4
Cap 3121	Washer 5x12x0.3 	4
Cap 3125	Parallel Pin 2.2x9.9 	4
Cap 3118K	Differential Bevel Gear 20T 	2
Cap 3118K	Bevel Gear Shaft 	4

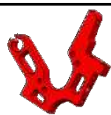
Part Code	Part Name & Picture	Qty
Cap 3118K	Differential Bevel Gear 10T 	8
Cap 3118K	Washer 3.5x10x0.2 	8
Cap 3116	Differential Paper Gasket 	2
Cap 2143	Countersunk Head Cap Screw M3x12 	8



Differentials

Step 1



Part Code	Part Name & Picture	Qty
Cap 3007	Differential Pinion Holder 	2
Cap 3065	Bearing 5x13x4 	4
Cap 3113	Pinion Gear 13T 	2
Cap 3111	Differential Shaft Driver 	2
Cap 3112	Grub Screw M5x4 	2
Cap 3006	Bulkhead 	4
Cap 3181	Front Shock Tower 	1
Cap 3216	Rear Shock Tower 	1
Cap 17034	Button Head Cap Screw Flange M3x8 	6

Part Code	Part Name & Picture	Qty
Cap 3180	Front Shock Column 	2
Cap 3023	Rear Shock Column 	2
Cap 17032	Button Head Cap Screw M3x8 	4
Cap 40229	Socket Head Cap Screw M3x8 	8
Cap 17030	Button Head Cap Screw Flange M3x6 	16
Cap 3045	Differential Eccentric FL RR 	2
Cap 3046	Differential Eccentric FR RL 	2
Cap 2031	Anti-Roll Bar Bearing Holder 	4
Cap 18082	Flanged Bearing 5x8x2.5 	4

Part Code	Part Name & Picture	Qty
Cap 17006	Grub Screw M3x3 	4
Cap 3048-2.5	Rear Anti-Roll Bar 2.5 	1
Cap 3049-2.7	Rear Anti-Roll Bar 2.7 	1

Push the shaft driver against the pinion gear to leave a very small gap and then tighten the grub screw onto the pinion gear flat spot



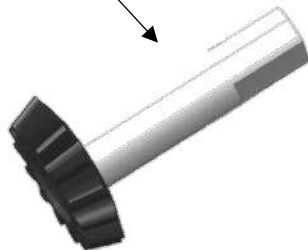
Cap 3113



(2x) Cap 3065



Cap 3113



Cap 3007



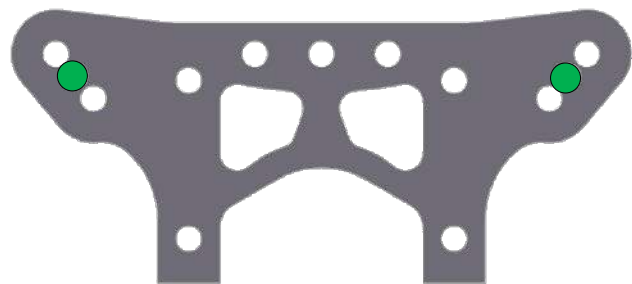
Cap 3112



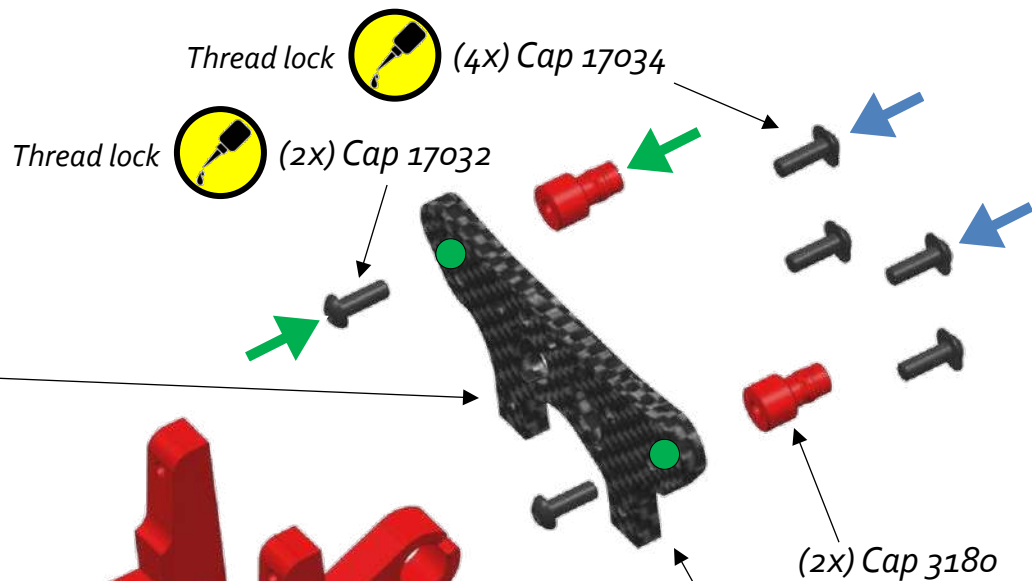
Thread lock

Front Bulkhead Step 0

Capricorn RC

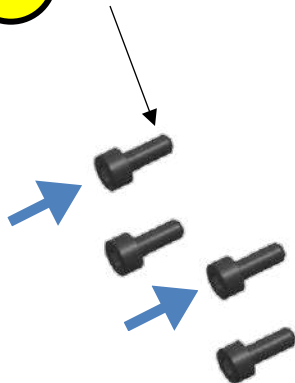


DEFAULT SHOCK
ABSORBER POSITION



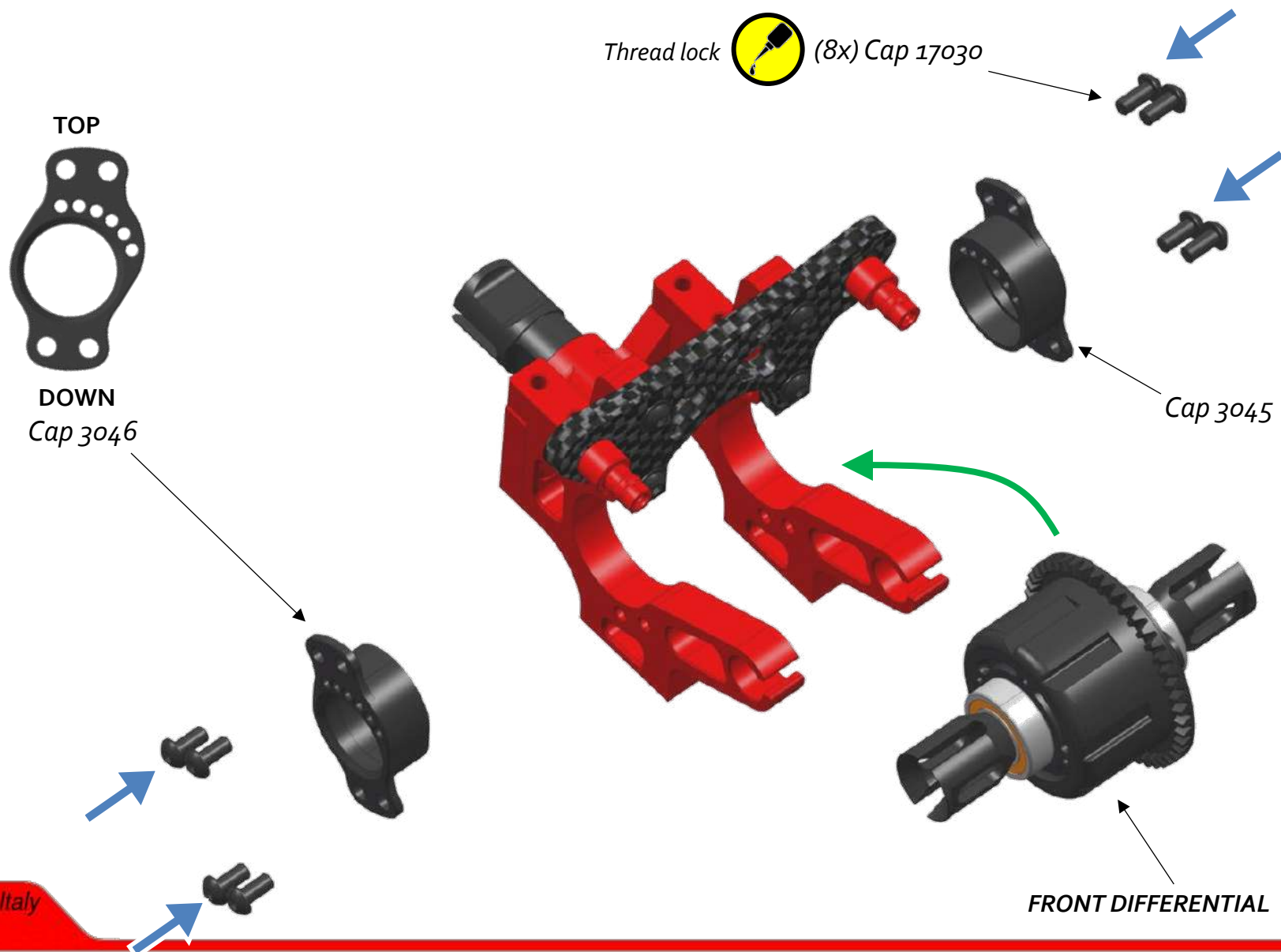
DIFFERENTIAL
PINION HOLDER

Thread lock (4x) Cap 40229



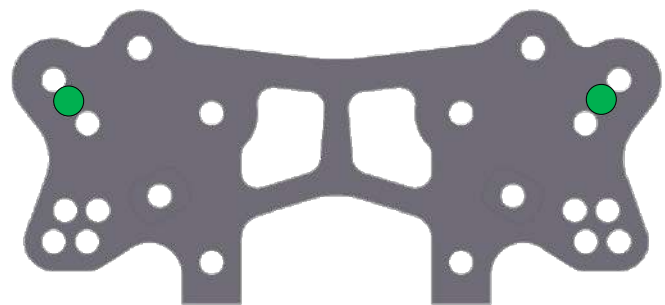
DEFAULT
PINION
POSITION



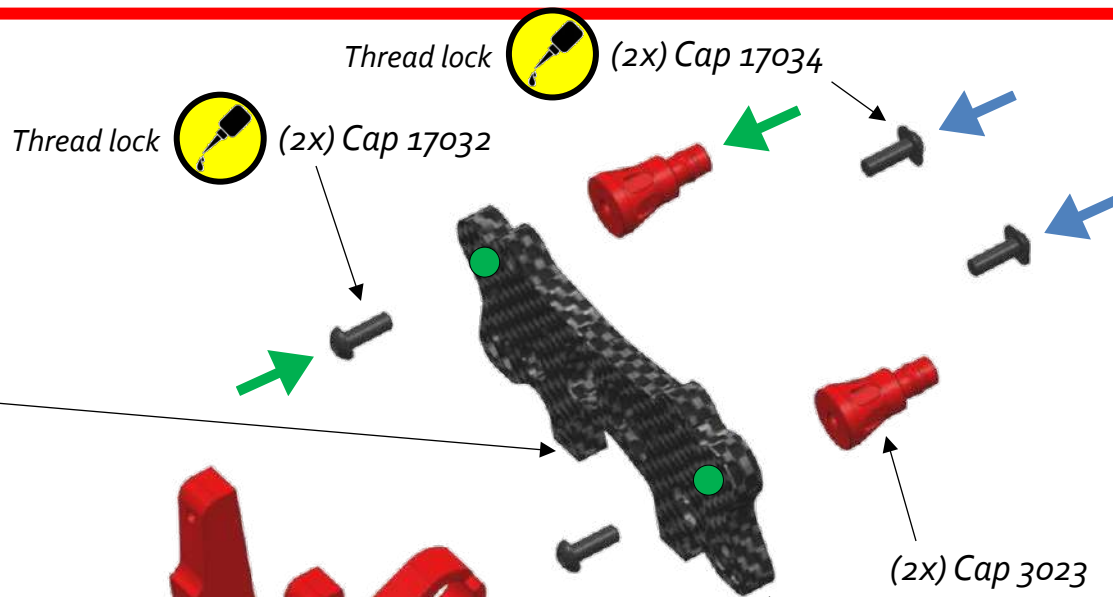




Rear Blukhead Step 0



DEFAULT SHOCK
ABSORBER POSITION



Thread lock

(2x) Cap 17034

Thread lock

(2x) Cap 17032

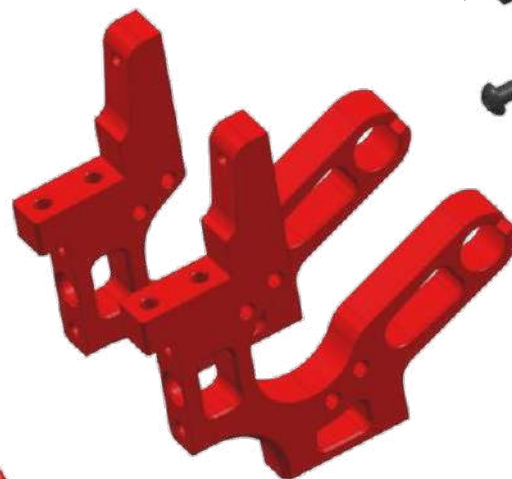
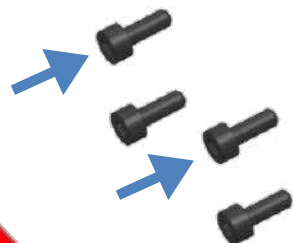
(2x) Cap 3023

Cap 3216

DIFFERENTIAL
PINION HOLDER



(4x) Cap 40229

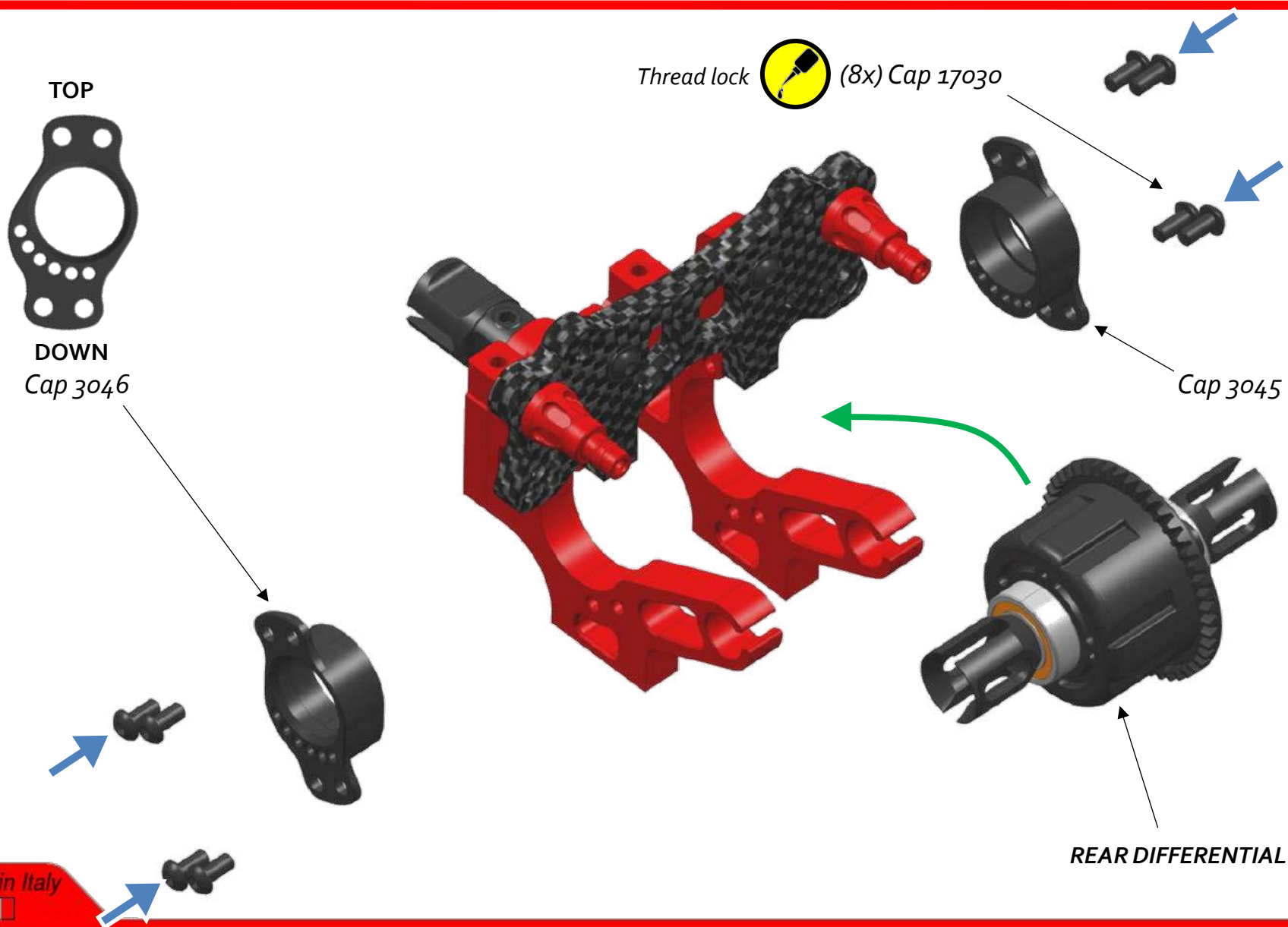


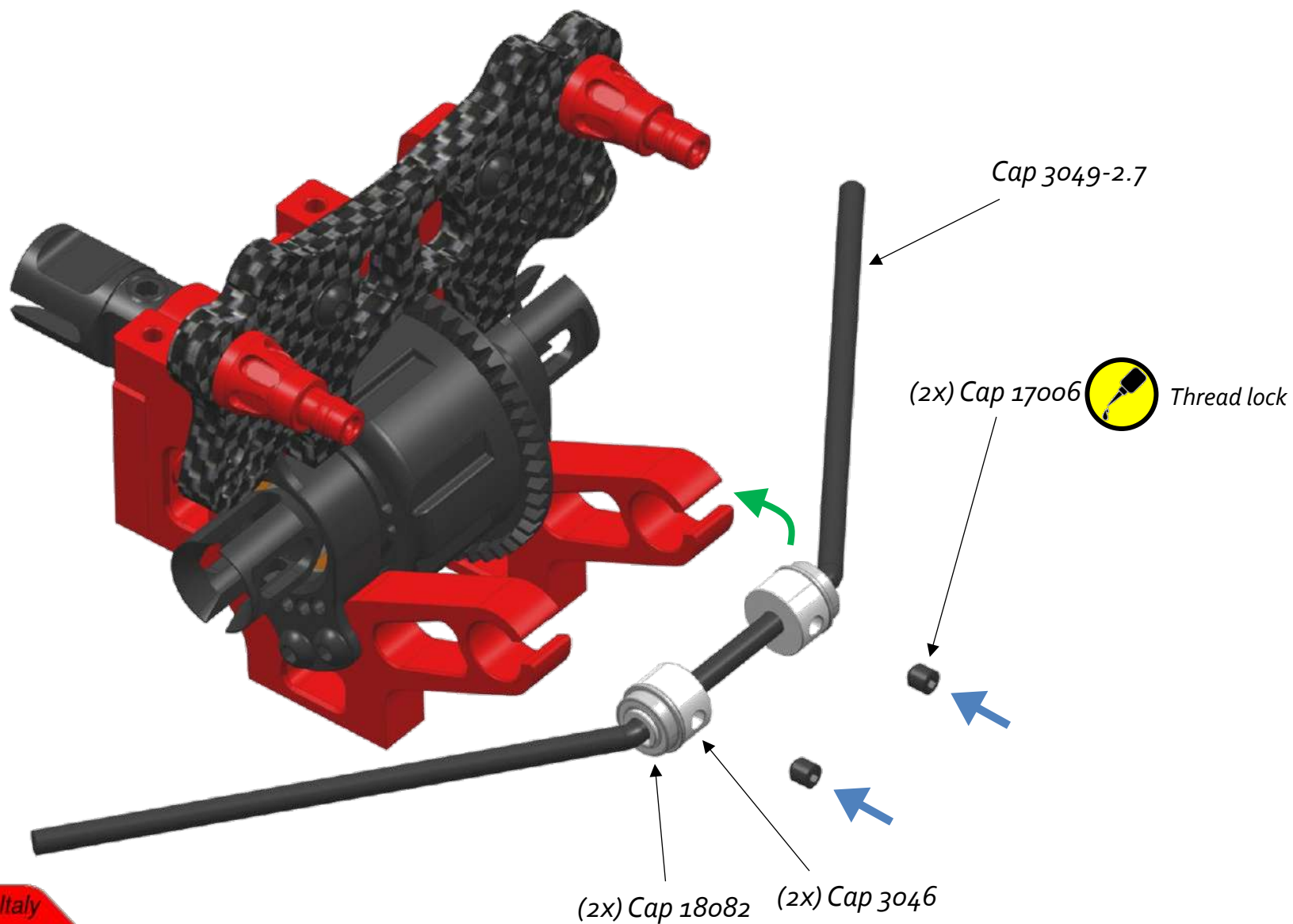
(2x) Cap 3007



DEFAULT
PINION
POSITION

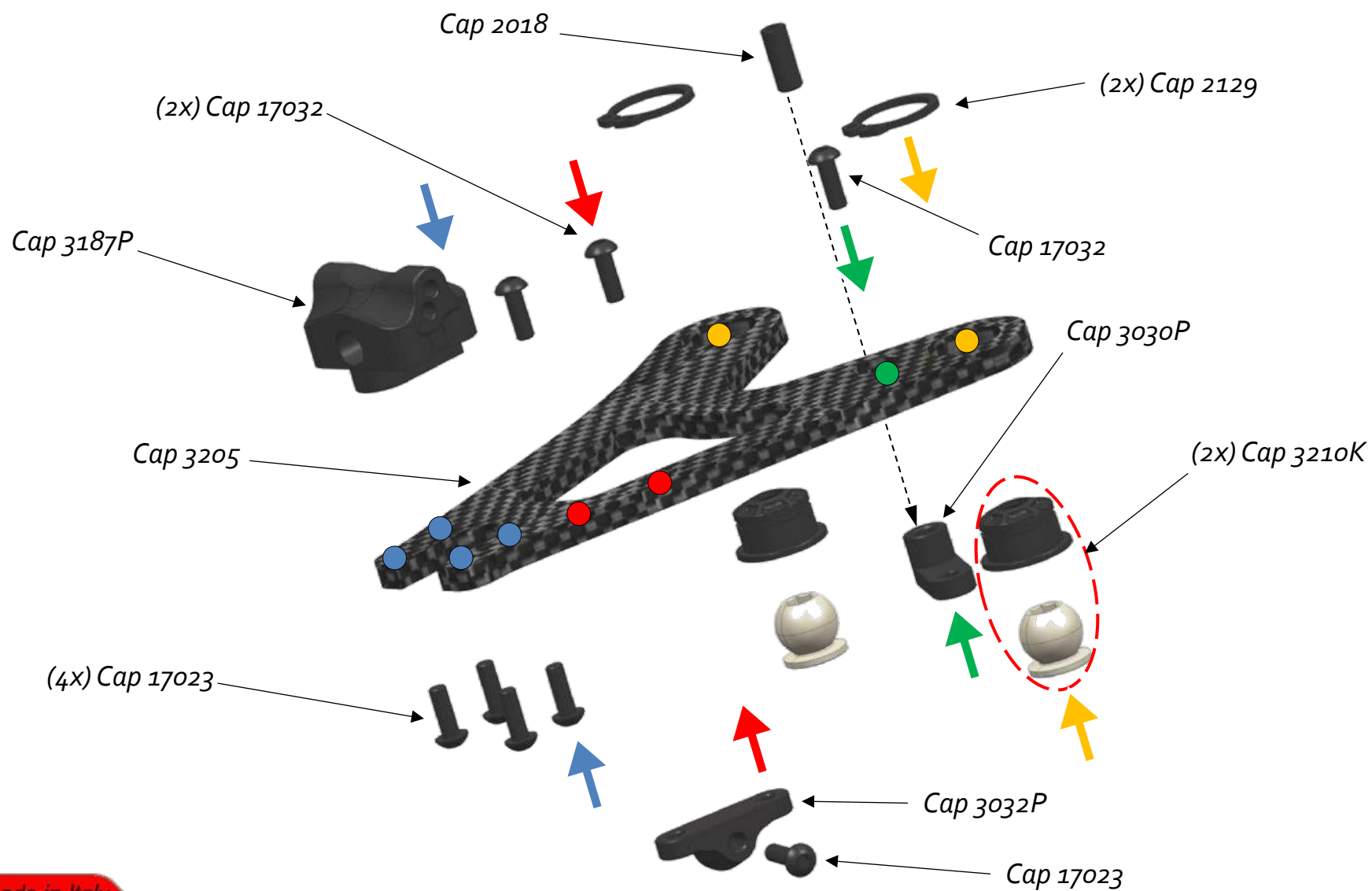


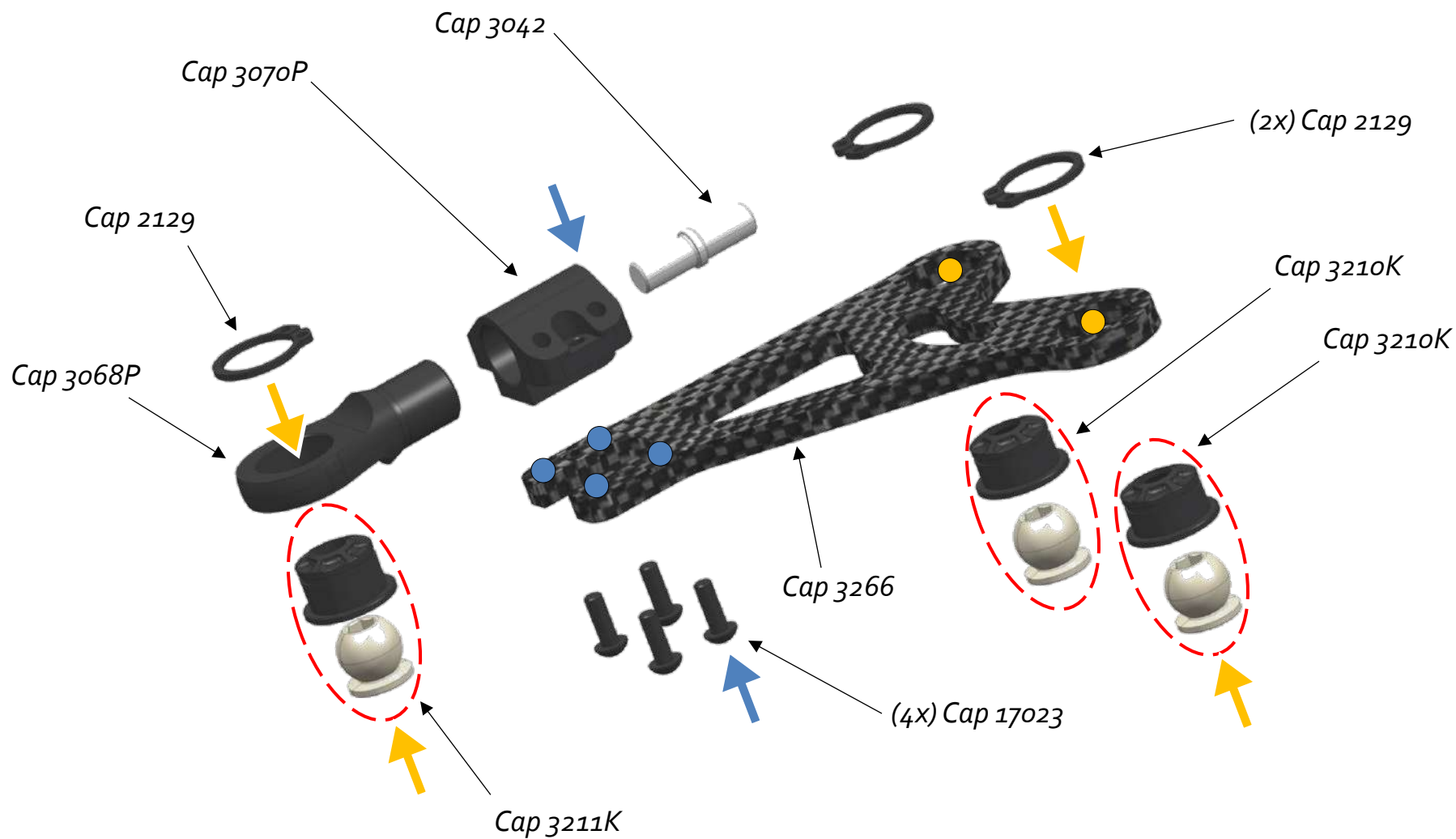


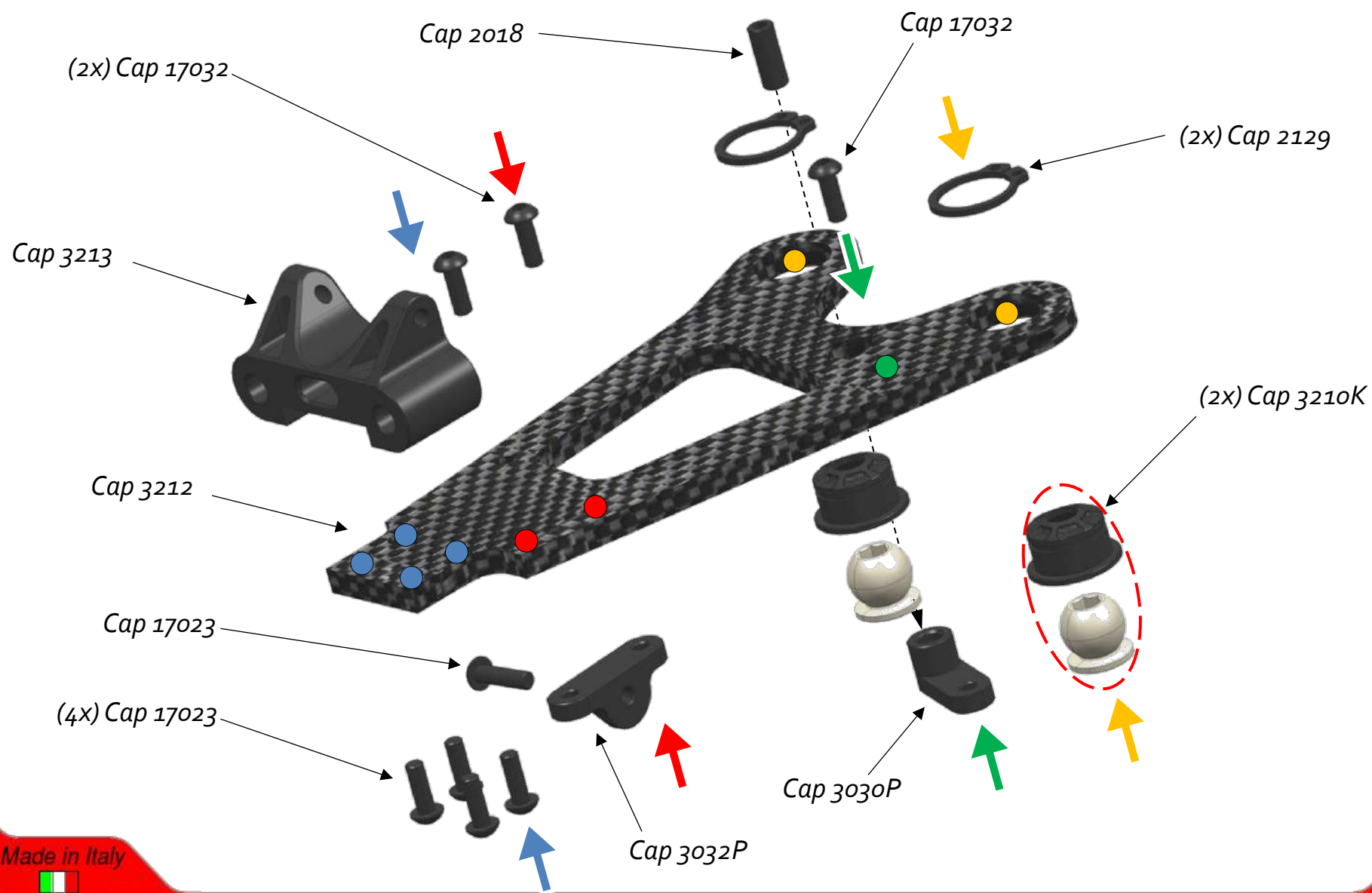


Part Code	Part Name & Picture	Qty
Cap 3205	Lower Front Arm 	2
Cap 3266	Upper Front Arm 	2
Cap 3212	Lower Rear Arm 	2
Cap 3187P	Lower Front Arm Pivot Insert 	2
Cap 3070P	Upper Front Arm Camber Extension Holder 	2
Cap 3213	Lower Rear Arm Double Pivot Insert 	2
Cap 3068P	Upper Front Arm Camber Extension 	2
Cap 3210K	Arm Pivot Bushing 4mm 	12
Cap 3211K	Arm Pivot Bushing 5mm 	2

Part Code	Part Name & Picture	Qty
Cap 3032P	Anti-roll Bar Arm Holder 	4
Cap 3030P	Down Stop Arm Holder 	4
Cap 3042	Upper front Arm Turnbuckle DX/SX 	4
Cap 2129	External Seeger $\phi 12$ 	14
Cap 2018	Grub Screw M4x10 	4
Cap 17032	Button Head Cap Screw Flange M3x8 	12
Cap 17023	Button Head Cap Screw Flange M3x10 	28







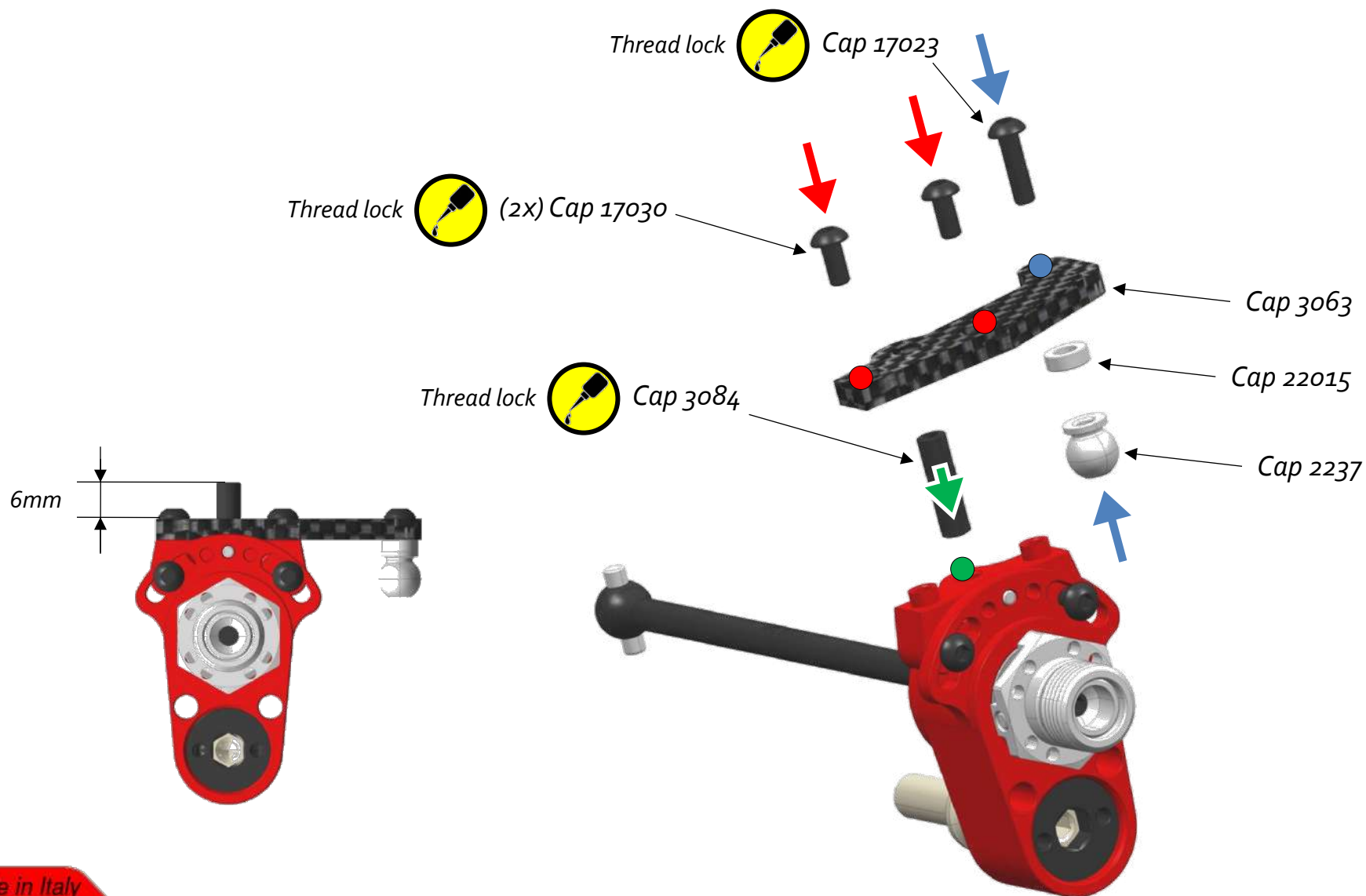
Part Code	Part Name & Picture	Qty
Cap 3018	Front Upright 	2
Cap 3219	Rear Upright 	2
Cap 3020	Front Upper Upright 	2
Cap 3021P	Rear Upper Upright 	2
Cap 3063	Upright Steering Plate 	2
Cap 3061	Rear Upright Camber Plate 	4
Cap 2007	Wheel Shaft Insert 	4
Cap 3033	Wheel Axle Alu 	4
Cap 3026	Pivot Ball 13.8mm 	2

Part Code	Part Name & Picture	Qty
Cap 3220	Pivot Ball 10mm 	4
Cap 3028	Wheel Hub Offset 0 	4
Cap 3013	CVD Axle Shaft 94mm 	4
Cap 3044R-K	Adjusting Nut M15x1 + OR 	2
Cap 3221	Adjusting Nut M10x1 	4
Cap 3222	OR 8x1.9 	4
Cap 22015	Shim 3x6x2.0 	2
Cap 2237	Uniball 5.8mm 	2
Cap 3223	Pivot Ball Link 7mm 	2

Part Code	Part Name & Picture	Qty
Cap 2017	Bearing 8x16x5 	4
Cap 2012	Bearing 12x18x4 	4
Cap 2134	Parallel Pin 2.5x11.8 	4
Cap 3082	Parallel Pin 2.5x15.8 	4
Cap 17010	Grub Screw M4x4 	4
Cap 3084	Grub Screw M4x14 	2
Cap 17030	Button Head Cap Screw M3x6 	20
Cap 17032	Button Head Cap Screw M3x8 	4
Cap 17023	Button Head Cap Screw M3x10 	2

Front Upright Step o





Part Code	Part Name & Picture	Qty
Cap 3035	Left Steering Bellcrank 	1
Cap 3037	Lower Steering Bellcrank 	1
Cap 2435	Upper Steering Bellcrank 	1
Cap 16014	Servo Saver Tube 	1
Cap 16033	Servo Server Spring 	1
Cap 16028	Servo Saver Tube Spring Nut 	1
Cap 3067	Steering Plate Pin 	2
Cap 3207	Boomerang 	1
Cap 3043	Steering Turnbuckle DX-SX 	2

Part Code	Part Name & Picture	Qty
Cap 3034	Servo Saver Column 	2
Cap 18169	Uniball 5.8mm 	1
Cap 2237	Uniball 7mm 	4
Cap 2361	Short Uniball Link 7mm 	4
Cap 171015	OR 10x1.5 	1
Cap 29209	Bearing 3x6x2.5 	2
Cap 16019	Bearing 5x8x2.5 	4
Cap 2013	Flanged Bearing 3x6x2.5 	2
Cap 22023	Shim 3x5x0.3 	2

Part Code	Part Name & Picture	Qty
Cap 17040	Self-locking Nut M3 	2
Cap 2235	Button Head Cap Screw M3x5 	2
Cap 17030	Button Head Cap Screw M3x6 	2
Cap 17029	Countersunk Head Cap Screw M3x6 	1

Steering System Step 0

Cap 16019



Cap 3035



Cap 16019



Cap 2013



Cap 17040

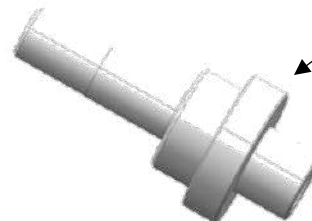


Screw and adjust the self-locking
nut M3 position for minimum play
and freely movement

Cap 29209



Cap 3067



Steering System Step 1

Capricorn RC



Use a lubricant for the OR assembly to prevent tears, twisting, pinching, cutting and abrasion of the rubber

Cap 171015

Cap 16033

Cap 3037

Cap 17029

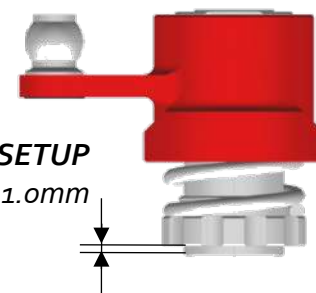


Thread lock

Cap 18169



DEFAULT SETUP
Around 1.0mm



Cap 16019

Cap 16019

Cap 16014

Cap 2013

Cap 16028

Cap 17040



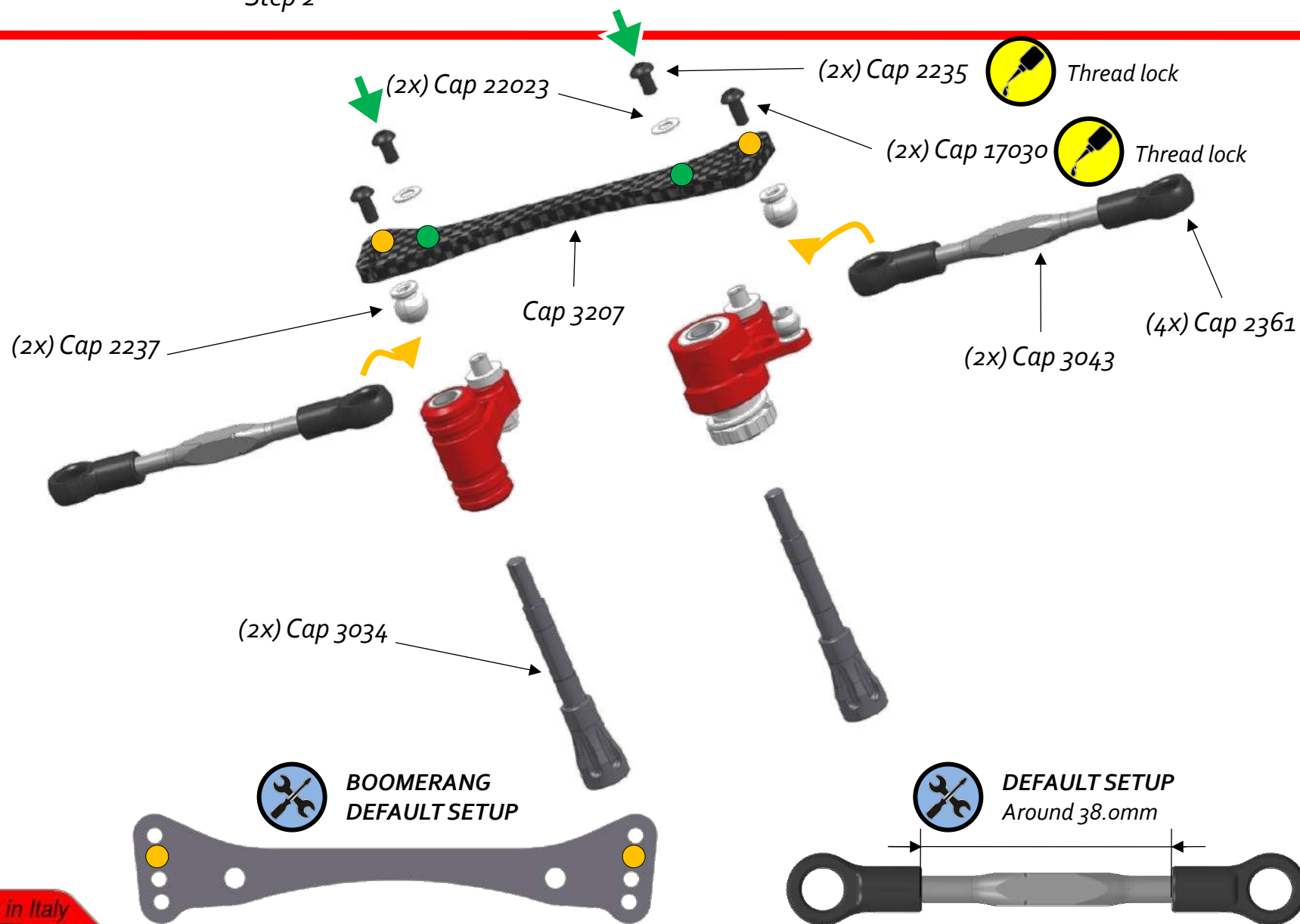
Screw and adjust the self-locking nut M3 position for minimum play and freely movement

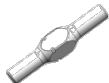
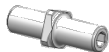
Cap 29209

Cap 3067

Cap 2435

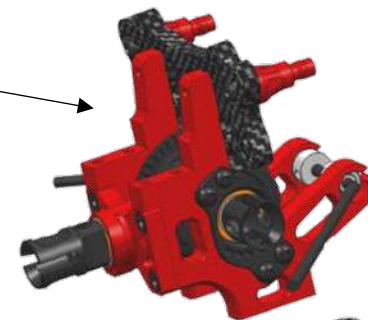
Steering System Step 2

Capricorn RC

Part Code	Part Name & Picture	Qty
Cap 3057K	Front Upper Arm Plate 7° 	1
Cap 3217	Turnbuckle 4mm x 28mm 	2
Cap 40463	Anti-roll Bar Turnbuckle DX-SX 	4
Cap 3154	Plastic Central Column Holder 	1
Cap 3036-1.0	Arm Pivot Shim 	2
Cap 3218	Long Uniball Link 7mm 	4
Cap 14042KS	Anti-roll Bar Uniball Link 5.8mm 	8
Cap 18169	Uniball 5.8mm 	4
Cap 2237	Uniball 7mm 	2

Part Code	Part Name & Picture	Qty
Cap 2120-3.0	Anti-Roll Bar Pivot 3.0 	4
Cap 17006	Grub Screw M3x3 	4
Cap 17032	Button Head Cap Screw M3x8 	4
Cap 2147	Button Head Cap Screw M4x8 	2
Cap 2146	Countersunk Head Cap Screw M4x8 	16

REAR BULKHEAD



Cap 2146

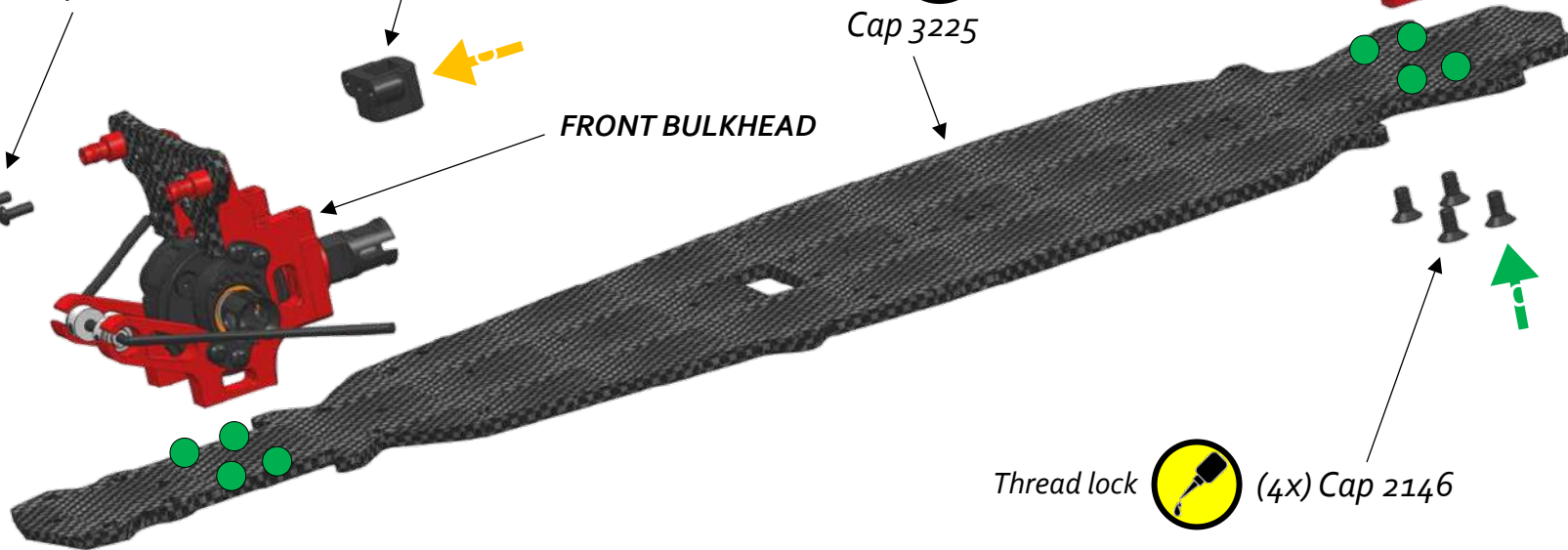
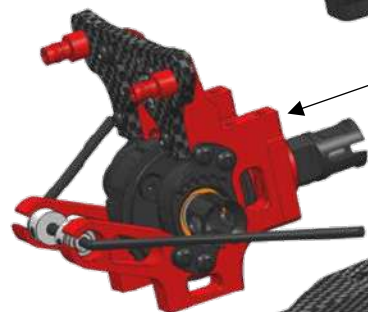
The chassis is
included the box

Cap 3225

(2x) Cap 17032



FRONT BULKHEAD



Thread lock



(4x) Cap 2146

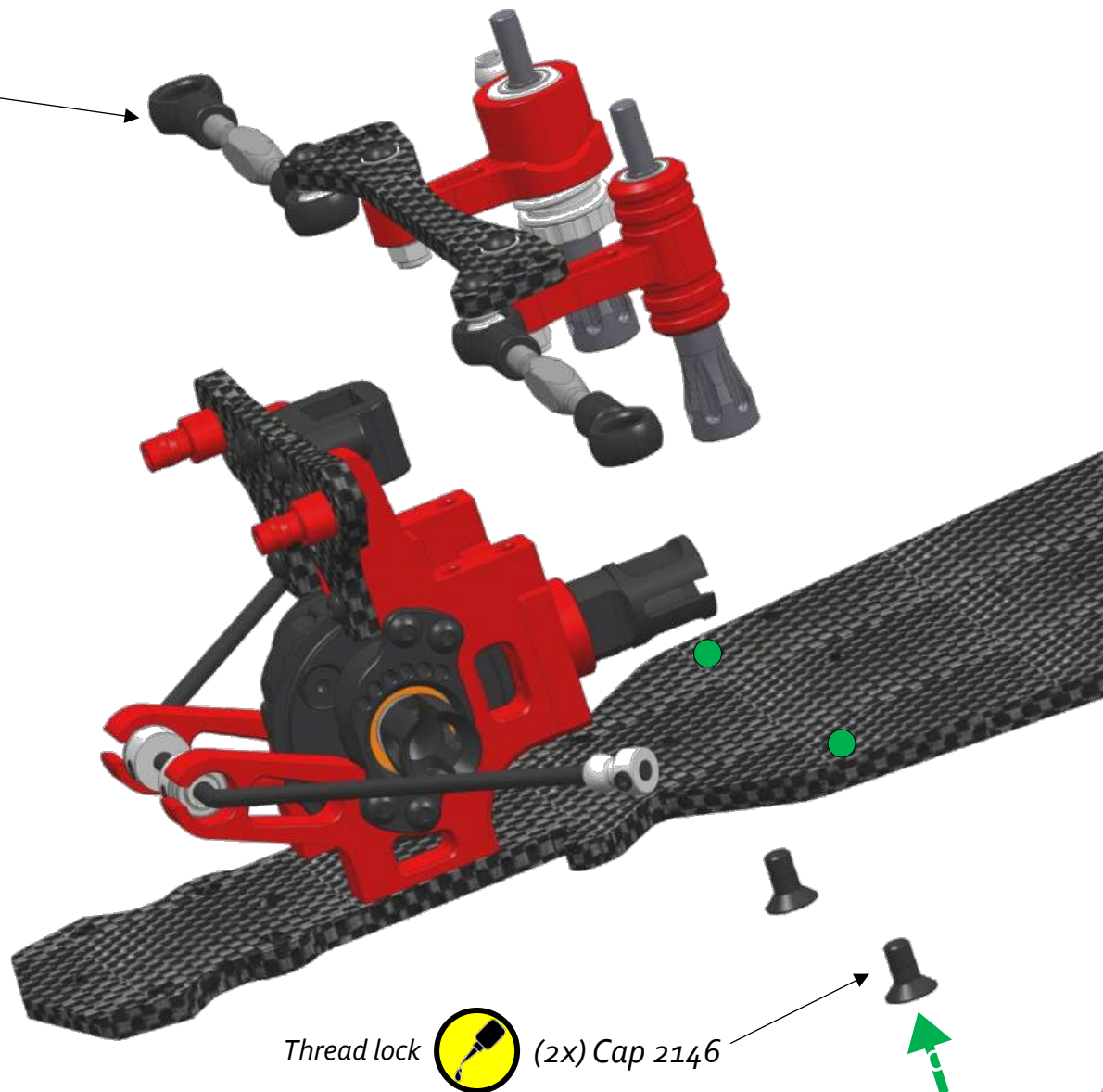


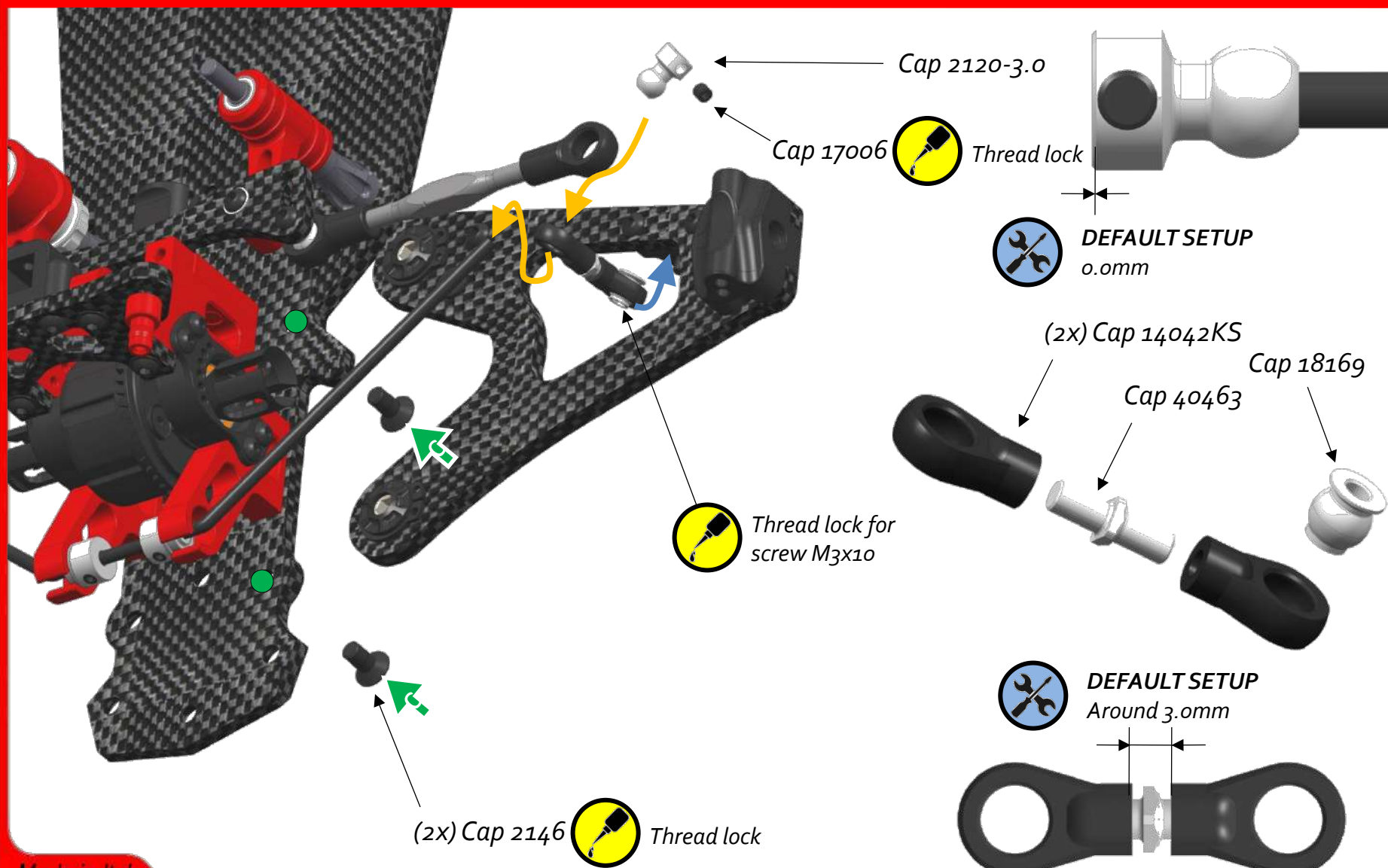
(4x) Cap 2146

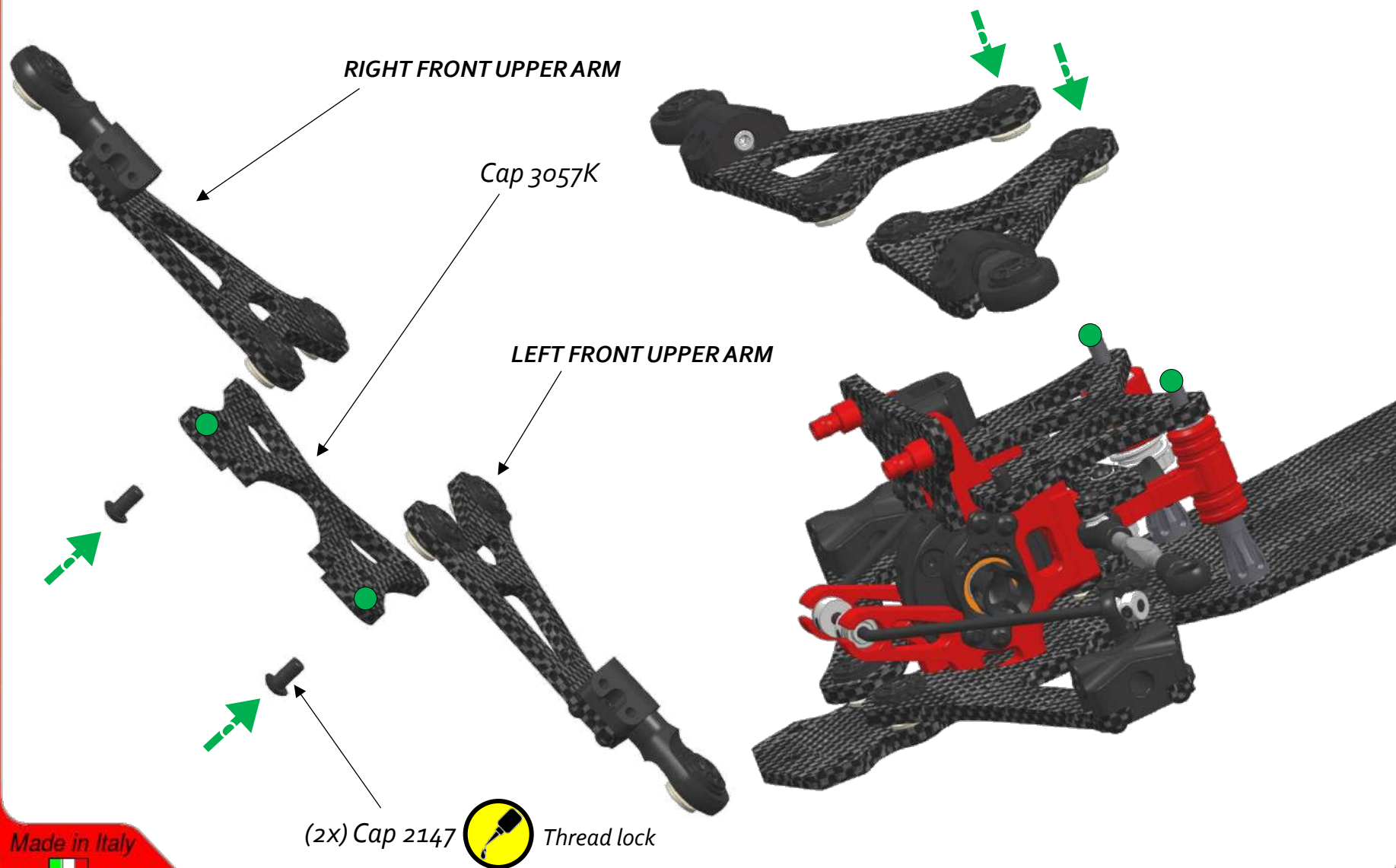


Thread lock

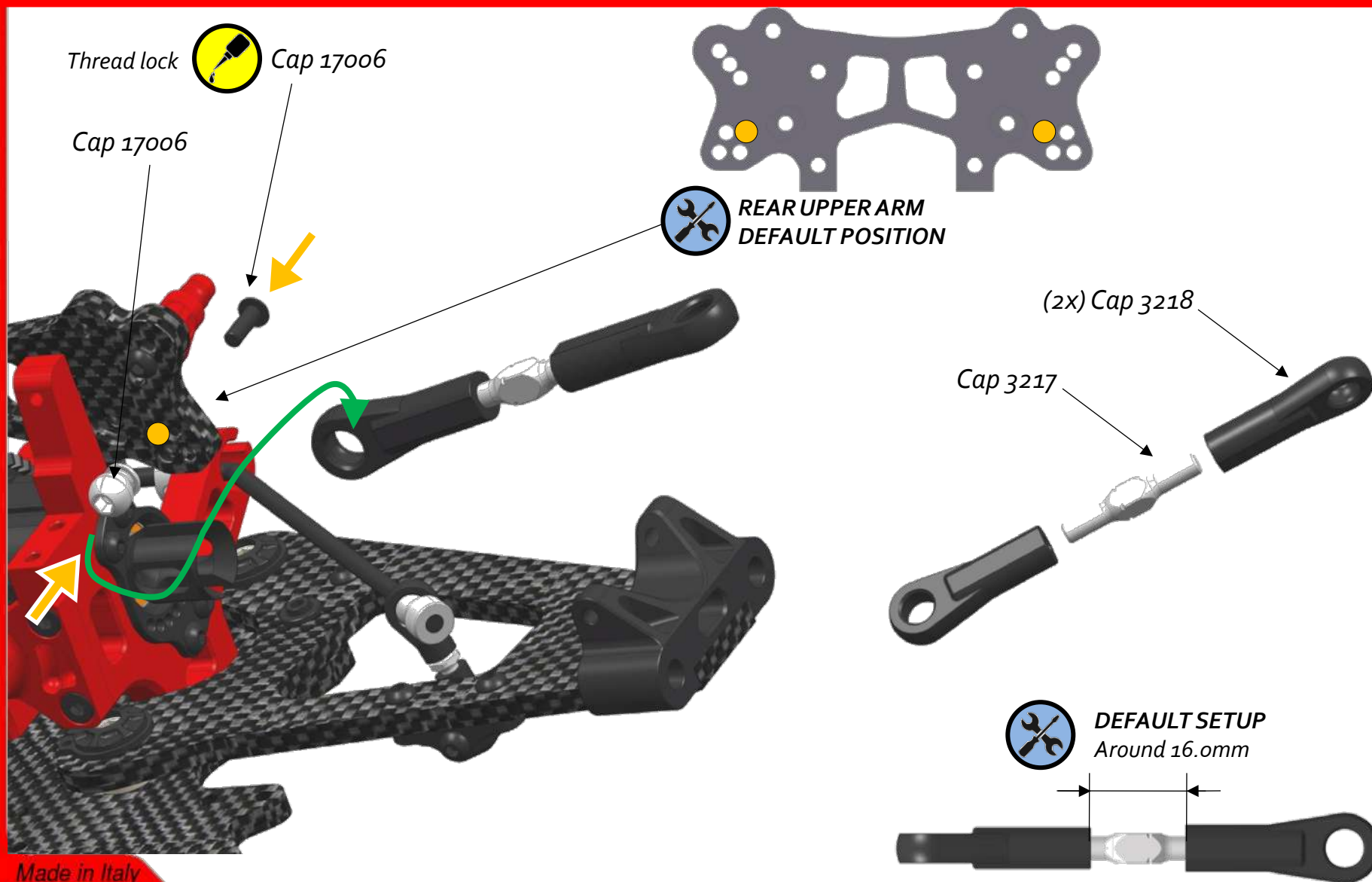
STEERING SYSTEM







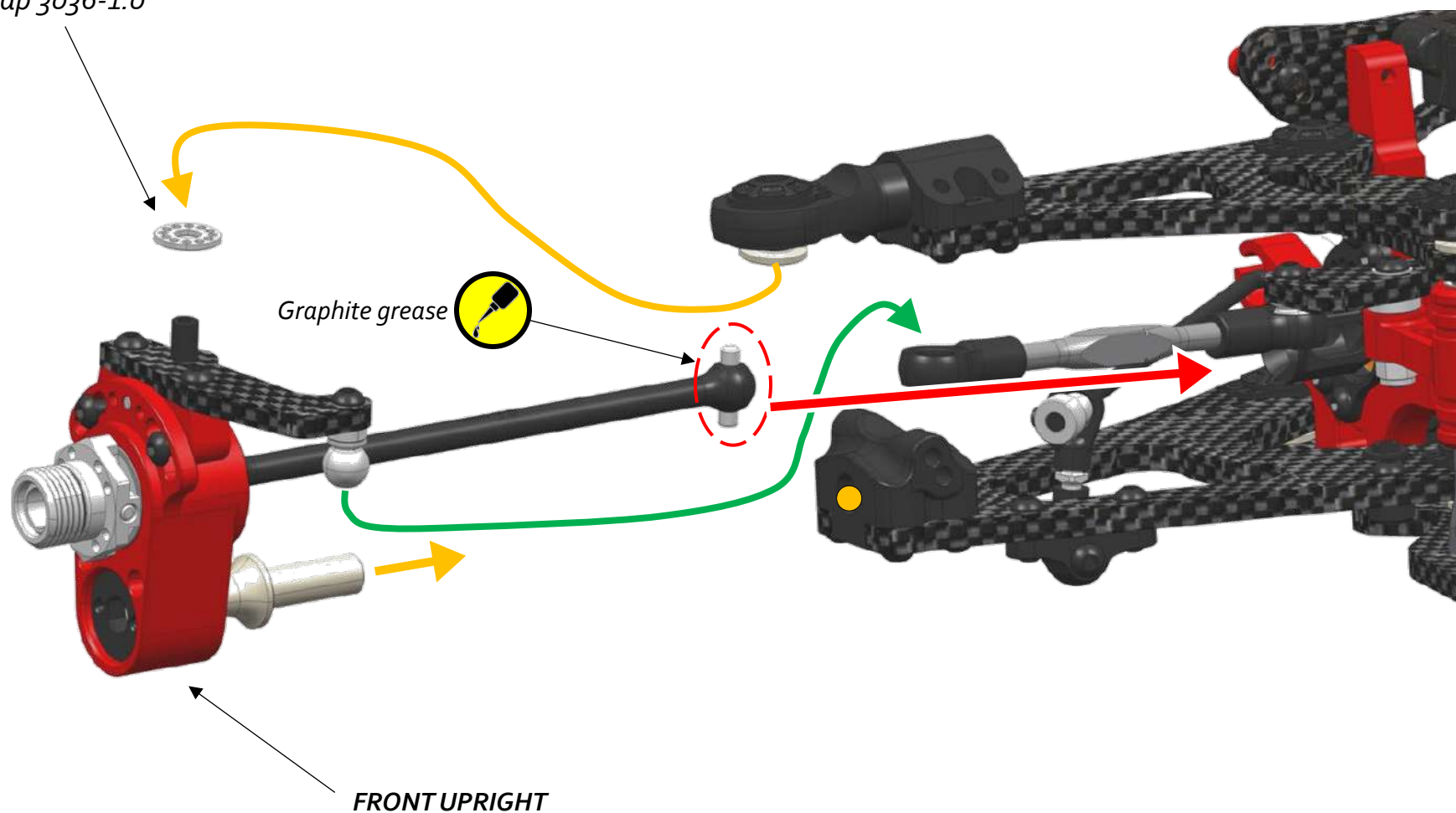
Rear Upper Arms Mounting

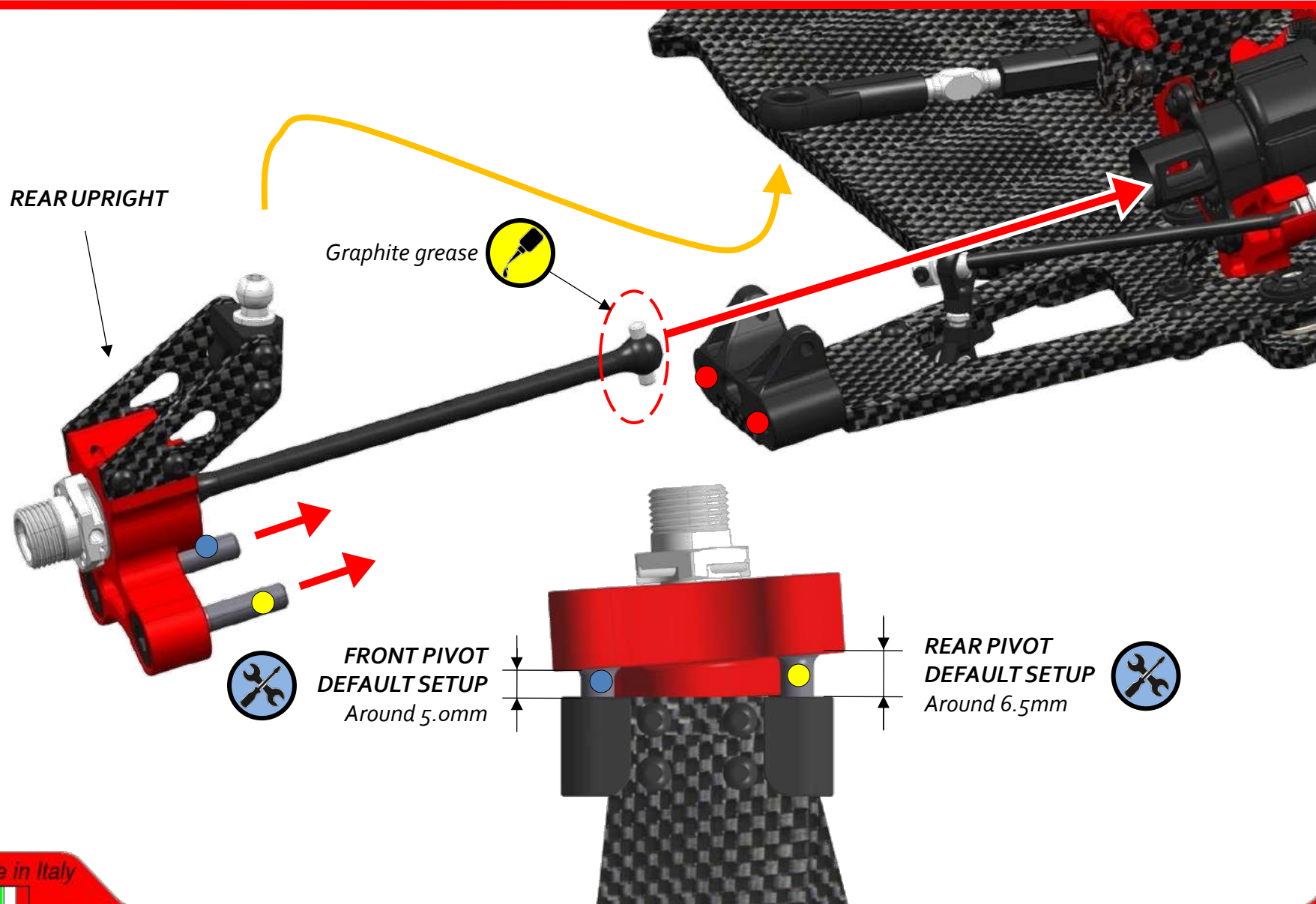


Cap 3036-1.0

Graphite grease

FRONT UPRIGHT

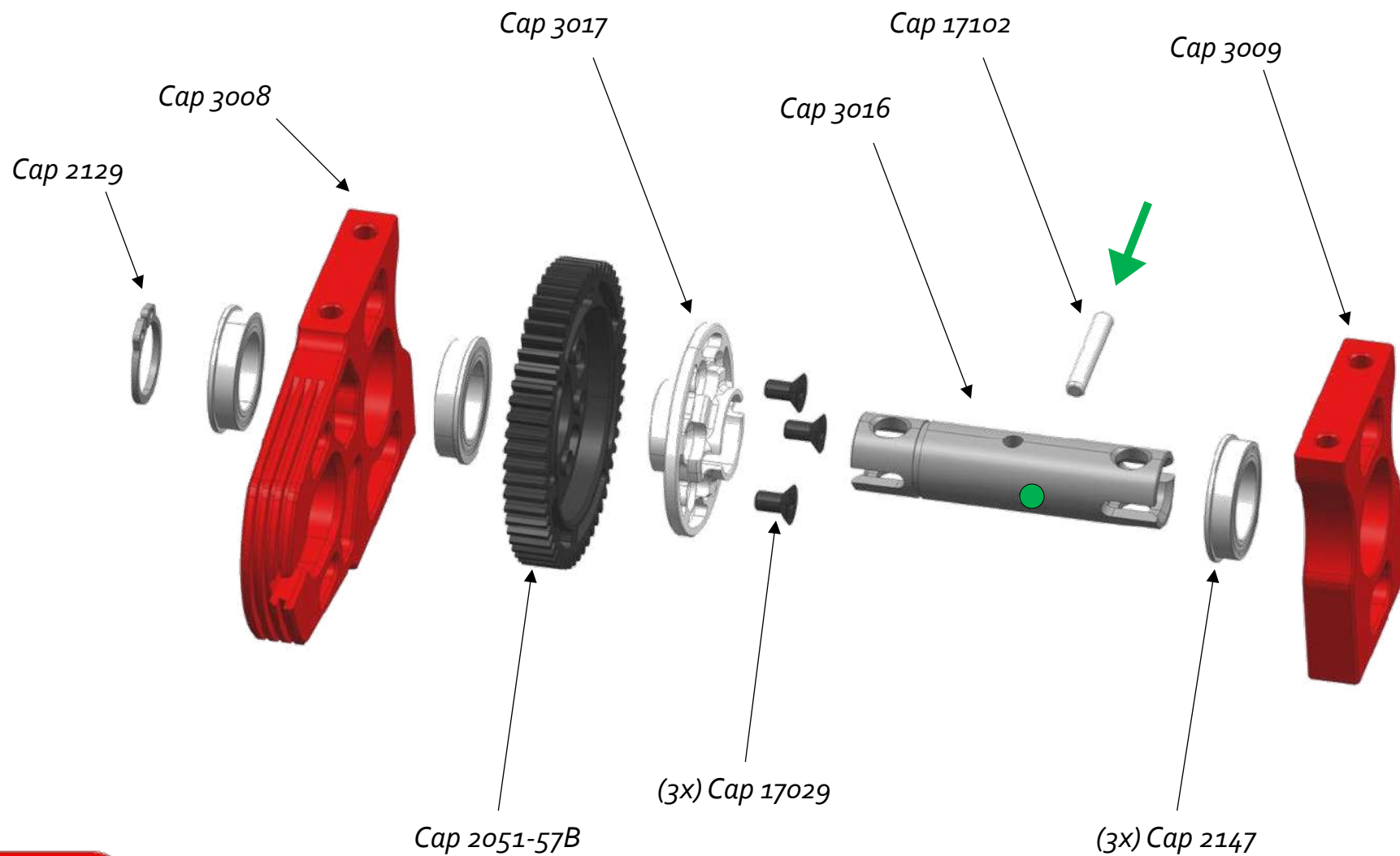




Part Code	Part Name & Picture	Qty
Cap 3008	Central Transmission Motor Holder 	1
Cap 3009	Central Transmission Holder 	1
Cap 3017	Gear Flange 	1
Cap 3016	Central Transmission Shaft 	1
Cap 2051-57B	2nd Gear 57t 	1
Cap 3224-B	Central Driveshaft 86mm 	1
Cap 3015-B	Central Driveshaft 125mm 	1
Cap 3062	Lateral Battery Holder 	4
Cap 29354	Battery Block 	4

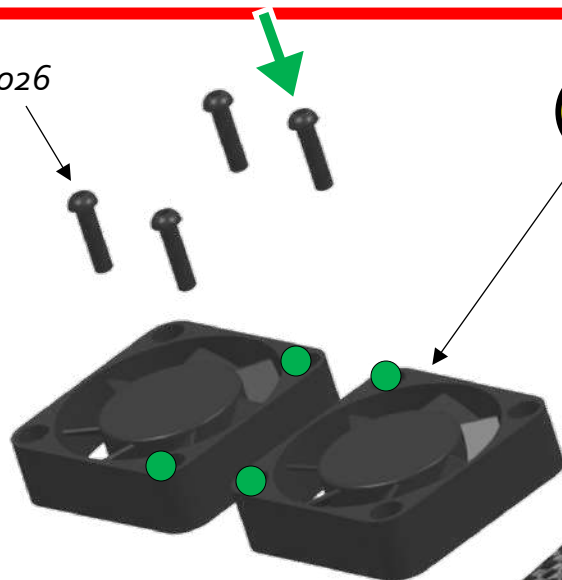
Part Code	Part Name & Picture	Qty
Cap 40114	Column M3 21mm 	4
Cap 40018P	Central Battery Holder 	4
Cap 3226	Front Upper Deck 	1
Cap 3060	Rear Upper Deck 	1
Cap 3039	Twin Fan Central Transmission Plate 	1
Cap 3215	Rear Spacer Plate 	1
Cap 3228	Central Transmission Plate 	1
Cap 35212	Flanged Bearing 12x18x4 	3
Cap 2129	External Seeger $\phi 12$ 	1

Part Code	Part Name & Picture	Qty
Cap 17040	Self-locking Nut M3 	2
Cap 17102	Parallel Pin 3x17.8 	1
Cap 17026	Button Head Cap Screw M3x12 	12
Cap 2397	Button Head Cap Screw M3x14 	4
Cap 17034	Button Head Cap Screw Flange M3x8 	4
Cap 17025	Button Head Cap Screw Flange M3x12 	8
Cap 17029	Countersunk Head Cap Screw M3x6 	7
Cap 2143	Countersunk Head Cap Screw M3x12 	8
Cap 2146	Countersunk Head Cap Screw M4x8 	4



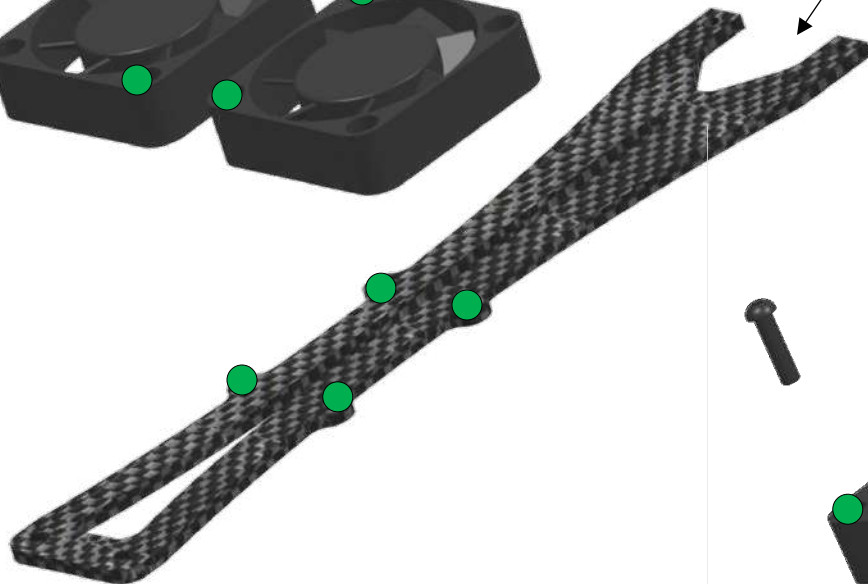
Central Transmission Step 1

(4x) Cap 17026



(2X) FAN
(NOT INCLUDED)

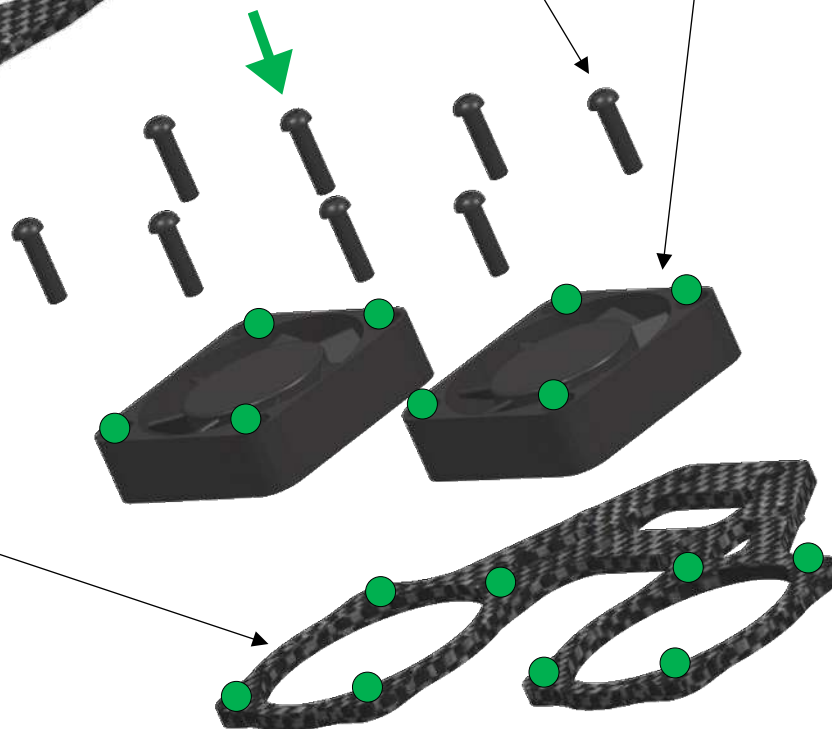
Cap 3060



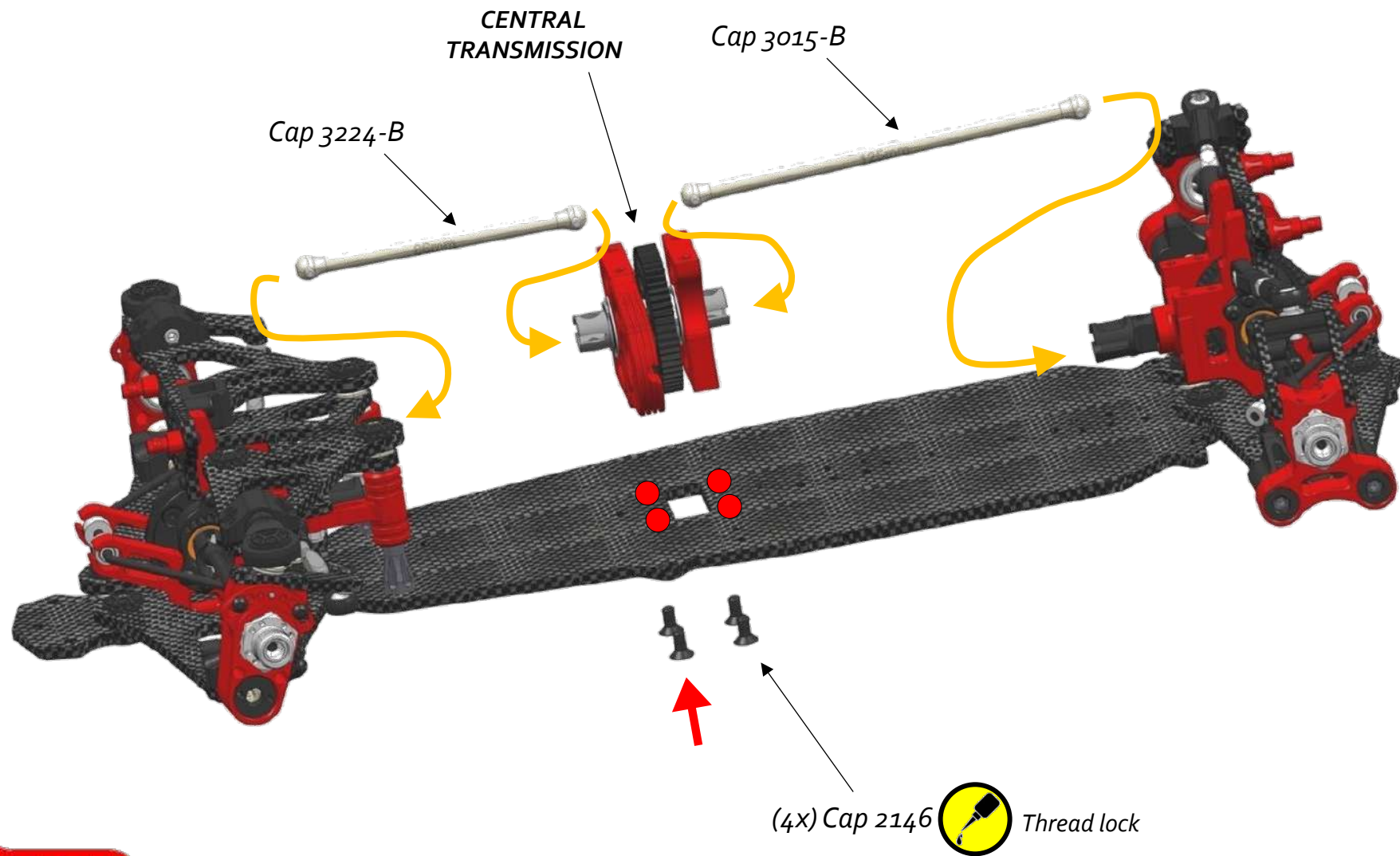
(2X) FAN
(NOT INCLUDED)



(8x) Cap 17026

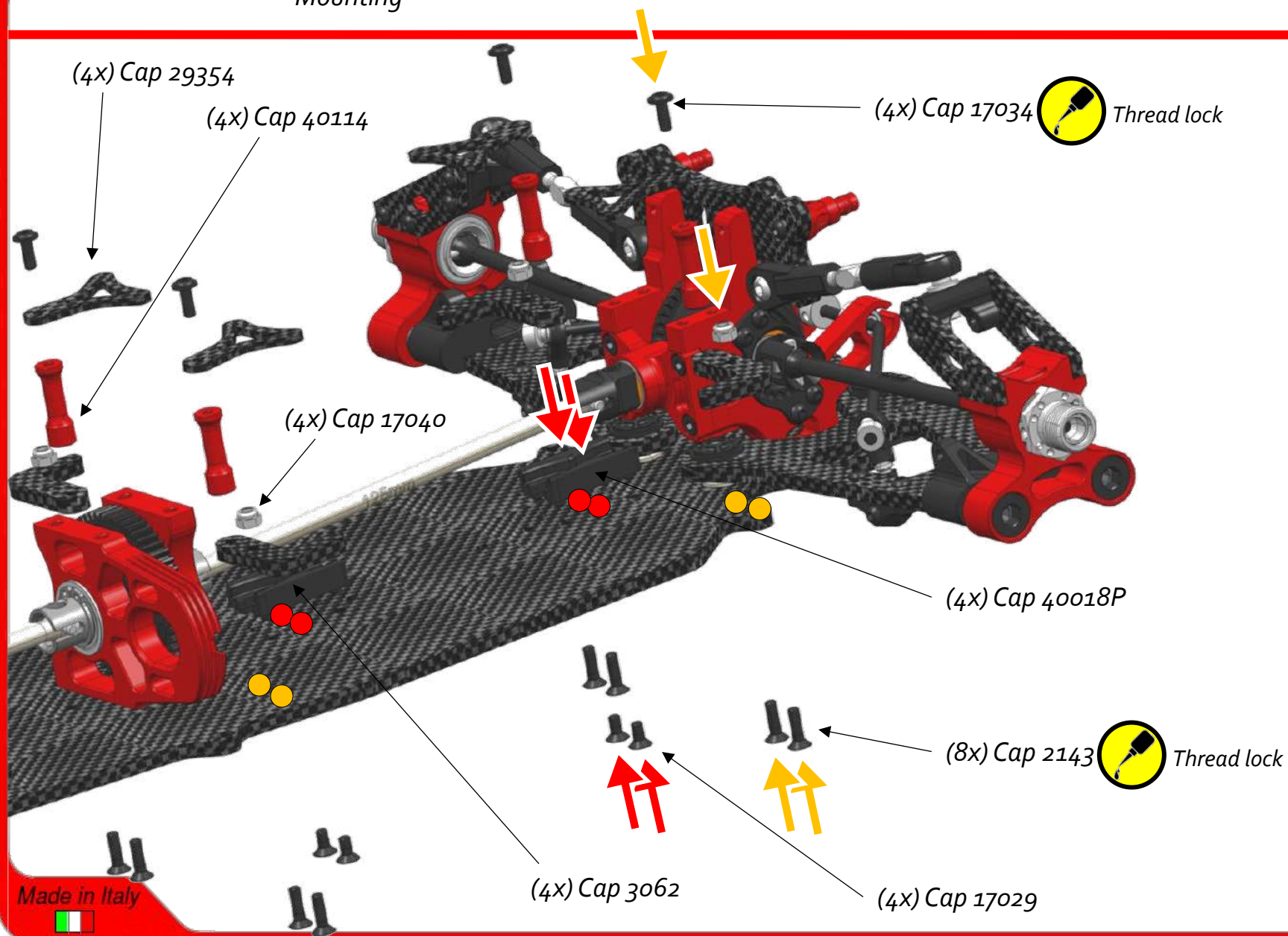


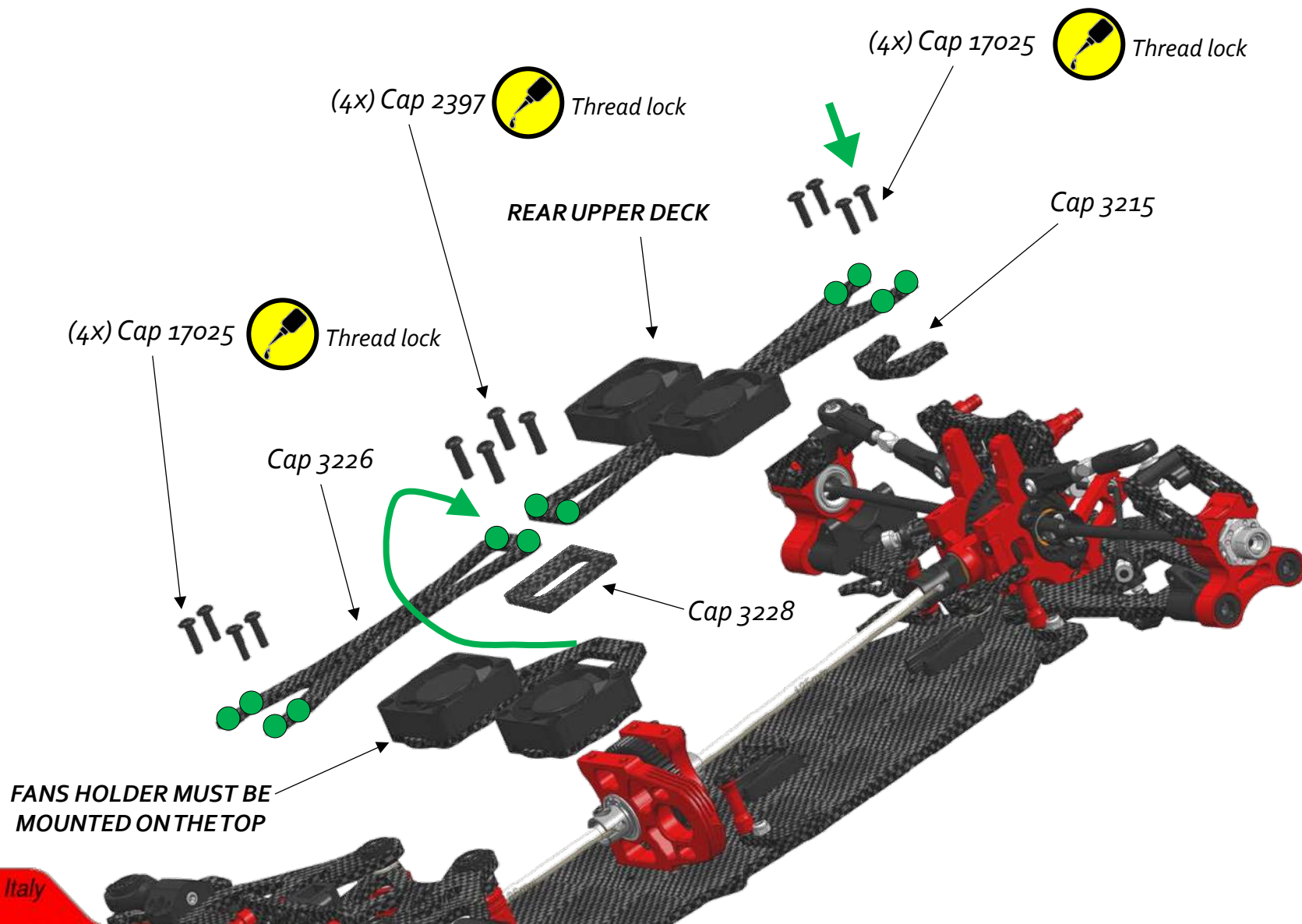
Cap 3039

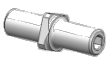


Central Transmission
Mounting

Capricorn RC

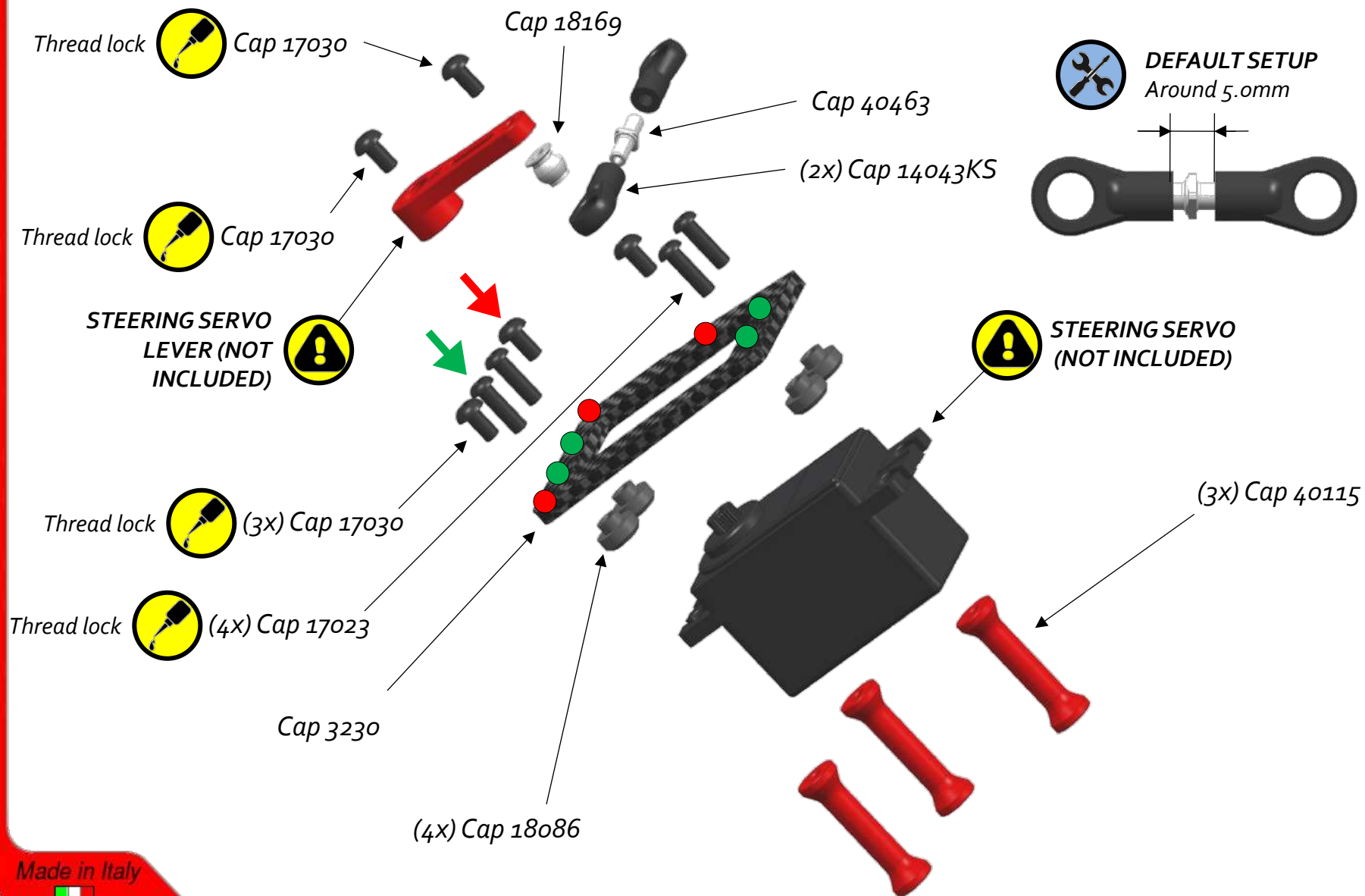




Part Code	Part Name & Picture	Qty
Cap 3230	Steering Servo Radioplate 	1
Cap 3229	ESC Radioplate 	1
R802231	Pinion 23T 	1
Cap 40115	Column M3 26.5mm 	3
Cap 18086	Servo Bushing 	4
Cap 14043KS	Anti-roll Bar Uniball Link 5.8mm 	2
Cap 40463	Anti-roll Bar Turnbuckle DX-SX 	1
Cap 18169	Uniball 5.8mm 	1
Cap 22015	Shim 3x6x2.0 	2

Part Code	Part Name & Picture	Qty
Cap 17040	Self-locking Nut M3 	2
Cap 17010	Grub Screw M4x4 	1
Cap 17030	Button Head Cap Screw M3x6 	5
Cap 17023	Button Head Cap Screw M3x10 	4
Cap 18024	Button Head Cap Screw M3x14 	2
Cap 17031	Countersunk Head Cap Screw M3x8 	3
Cap 17027	Countersunk Head Cap Screw M3x10 	2

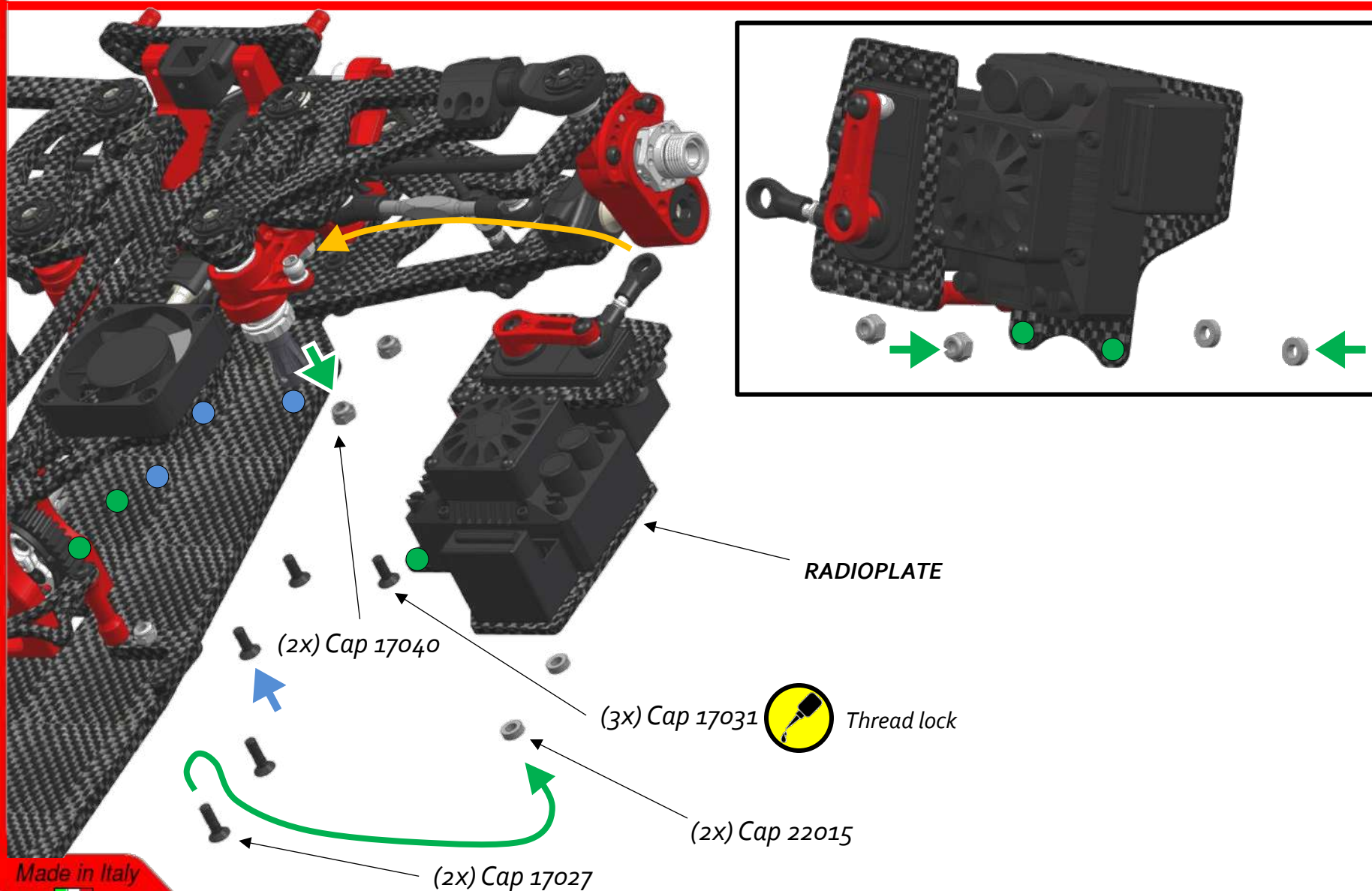
Radioplate Step 0

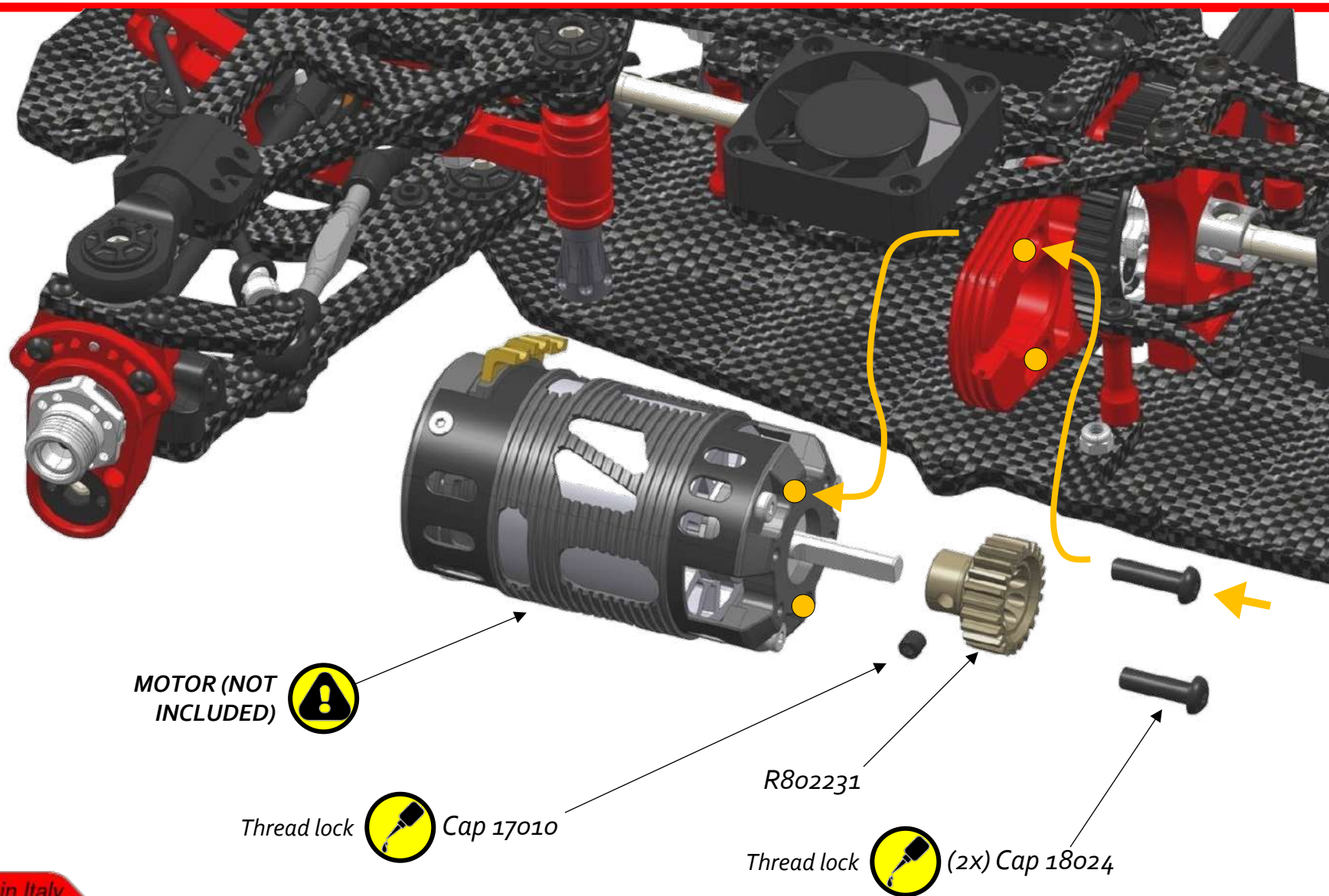


RECEIVER (NOT
INCLUDED)EXC
(NOT INCLUDED)

Cap 3229

Radioplate Mounting

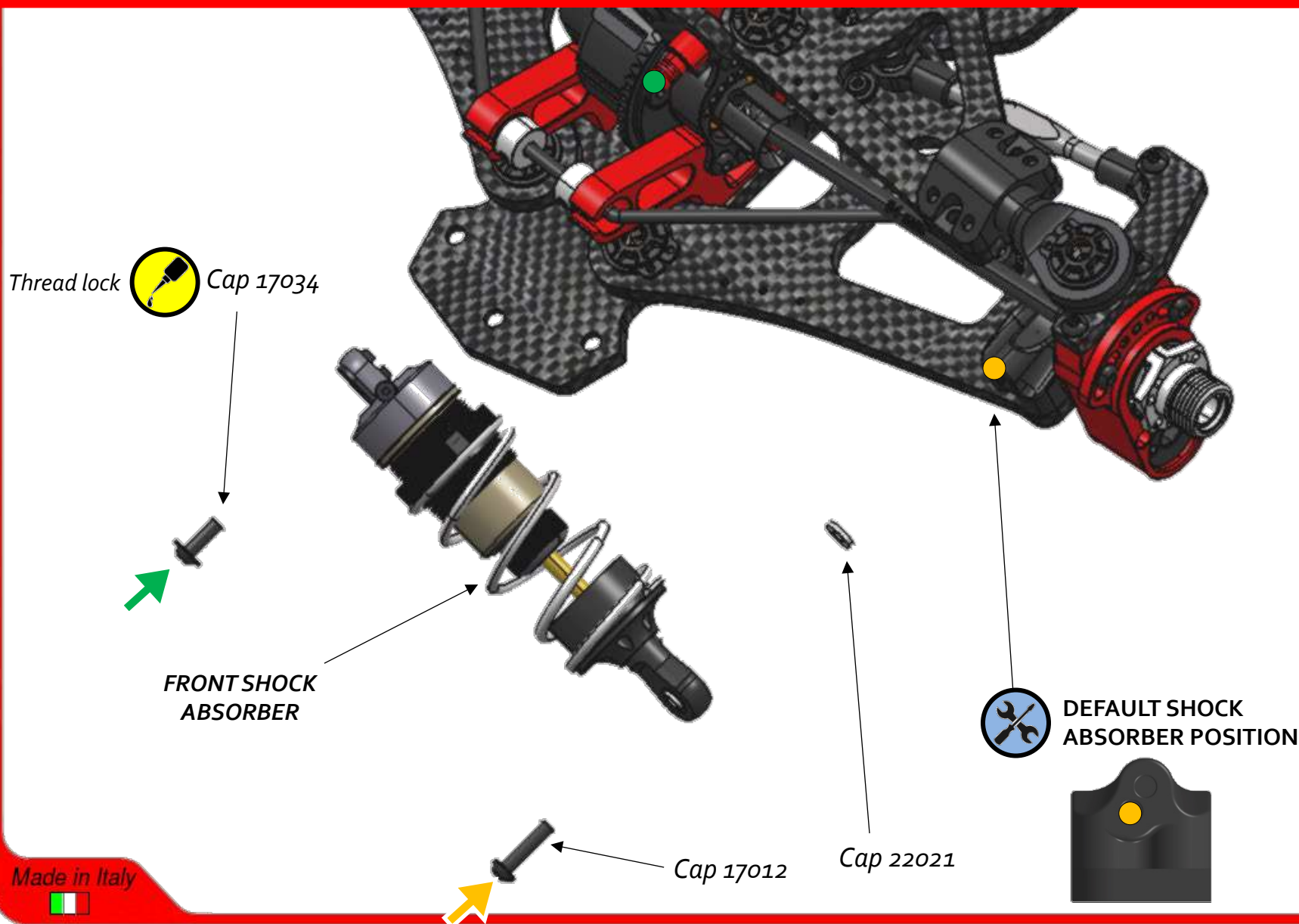


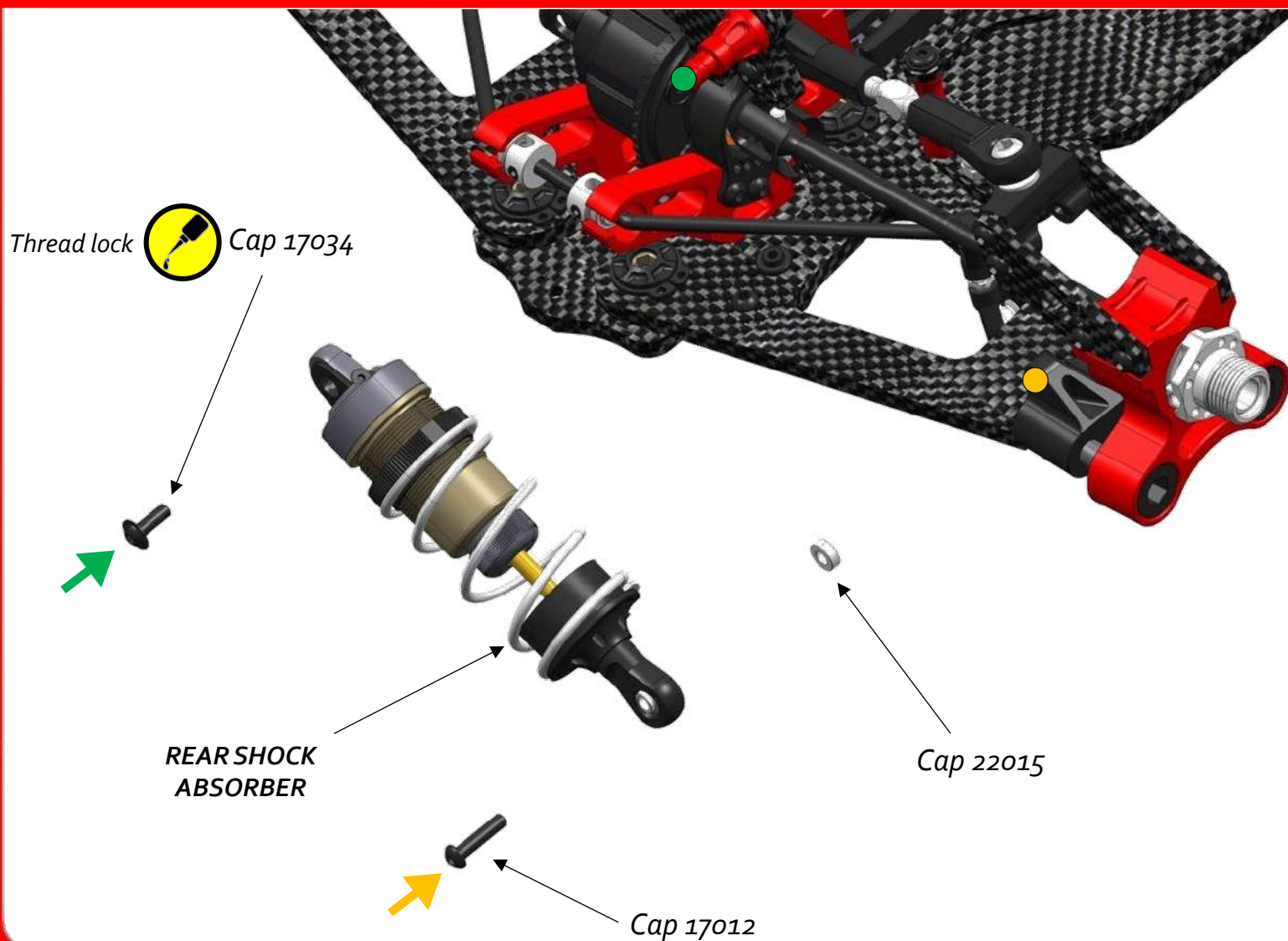


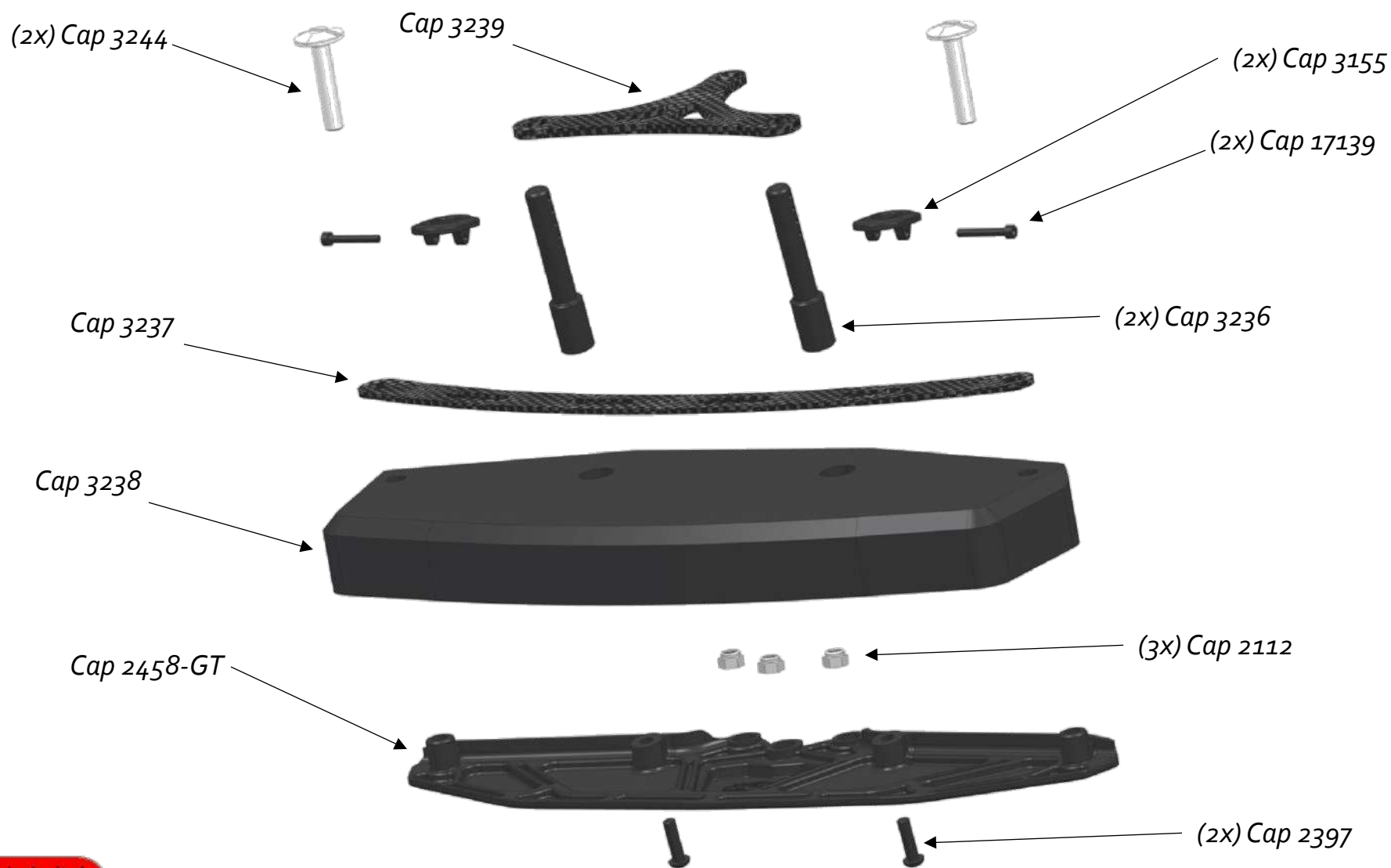
Part Code	Part Name & Picture	Qty
Cap 2458-GT	Bumper 	1
Cap 3238	Bumper Foam 	1
Cap 3237	Bumper Foam Plate 	1
Cap 3239	Bumper Plate 	1
Cap 3244	Bumper Column 	2
Cap 3236	Body Tower 	2
Cap 3153	Body Tower 	3
Cap 3155	Body Holder 	5
Cap 3235	Bumper Plate Column 	1

Part Code	Part Name & Picture	Qty
Cap 3152	Rear Body Mount 	1
Cap 3151	Rear Body Bracket 	2
Cap 22021	Shim 3x6x1.0 	2
Cap 22015	Shim 3x6x2.0 	2
Cap 17040	Self-locking Nut M3 	6
Cap 2112	Self-locking Nut M4 	3
Cap 17139	Button Head Cap Screw M2.5x14 	5
Cap 17030	Button Head Cap Screw M3x6 	2
Cap 17032	Button Head Cap Screw M3x8 	1

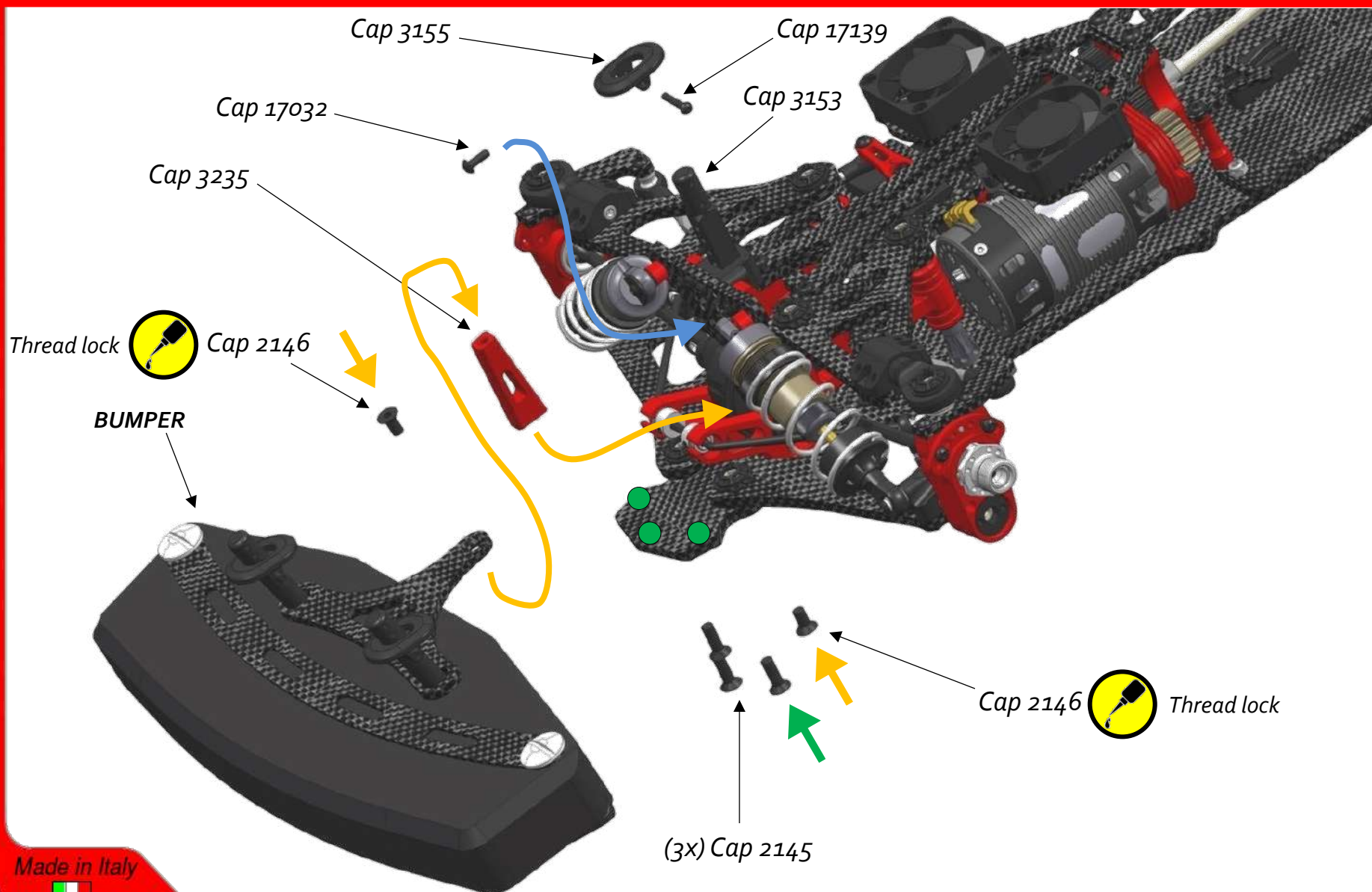
Part Code	Part Name & Picture	Qty
Cap 17023	Button Head Cap Screw M3x10 	2
Cap 17012	Button Head Cap Screw M3x12 	4
Cap 17120	Button Head Cap Screw M3x20 	2
Cap 17140	Button Head Cap Screw M3x25 	2
Cap 17034	Button Head Cap Screw Flange M3x8 	4
Cap 2397	Button Head Cap Screw M4x14 	2
Cap 2146	Countersunk Head Cap Screw M4x8 	2
Cap 2145	Countersunk Head Cap Screw M4x12 	3
Cap 3027	Wheel Nut 	4





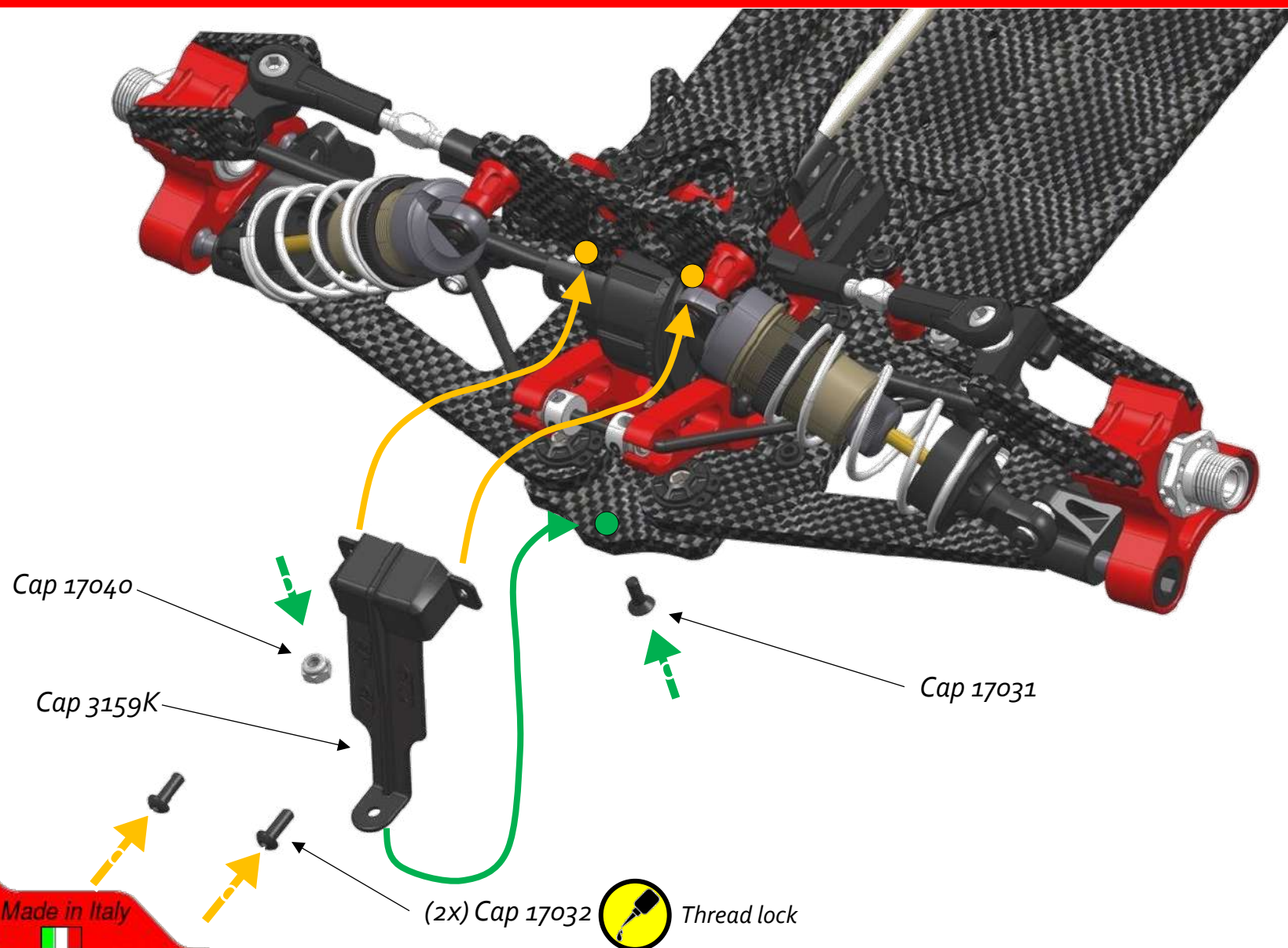


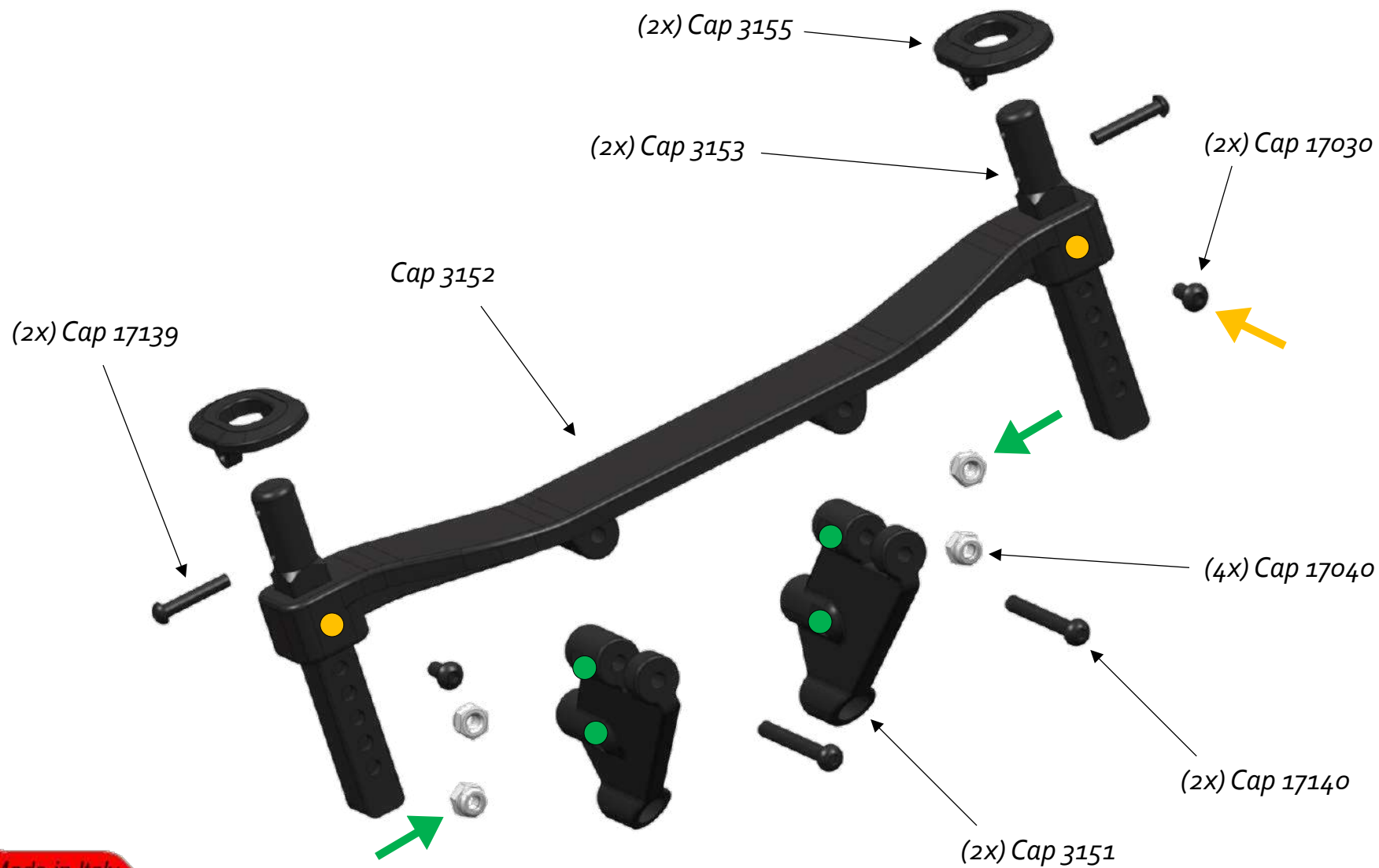
Bumper Mounting



Rear Differential Cover

These parts are optional
non included



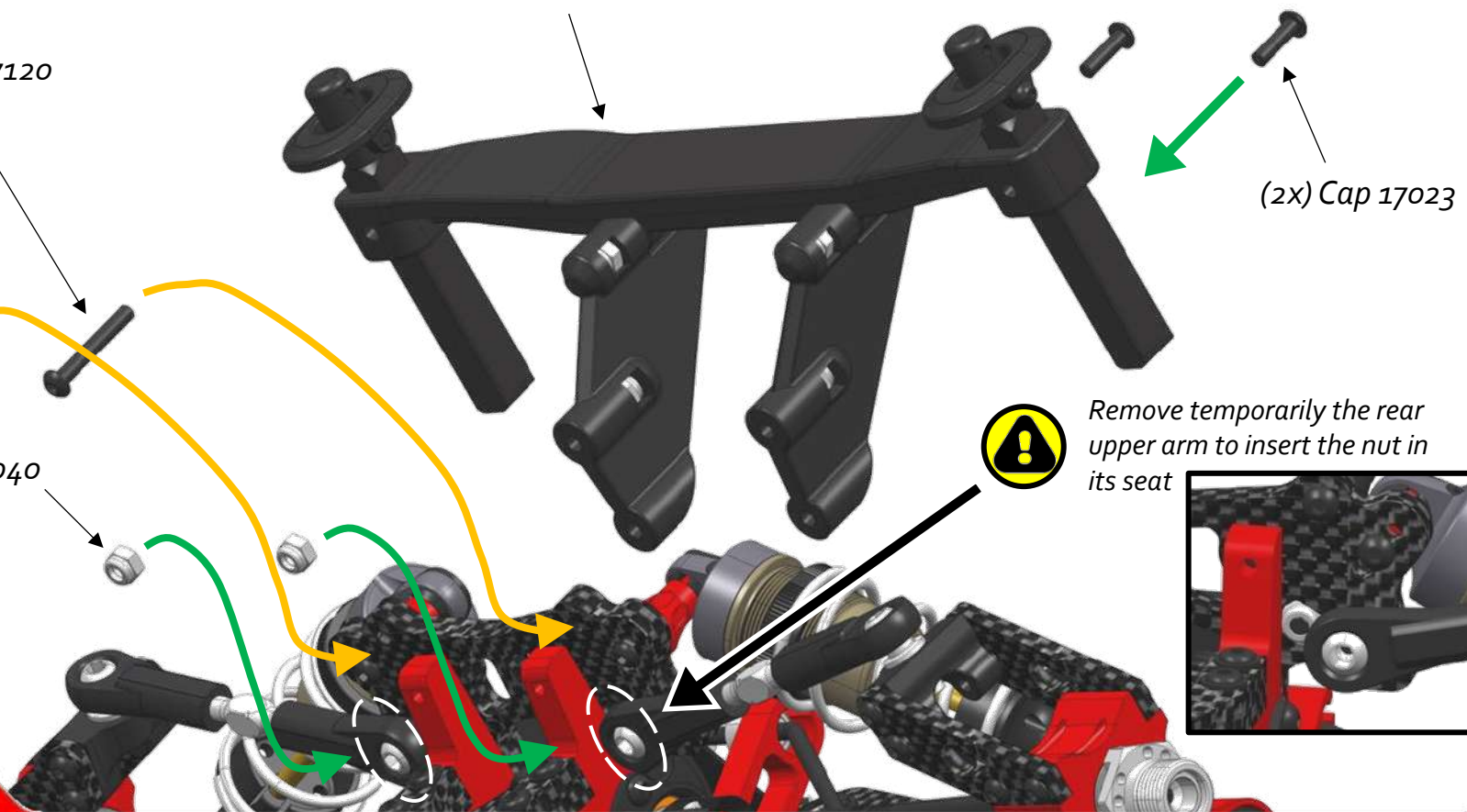


REAR BODY HOLDER

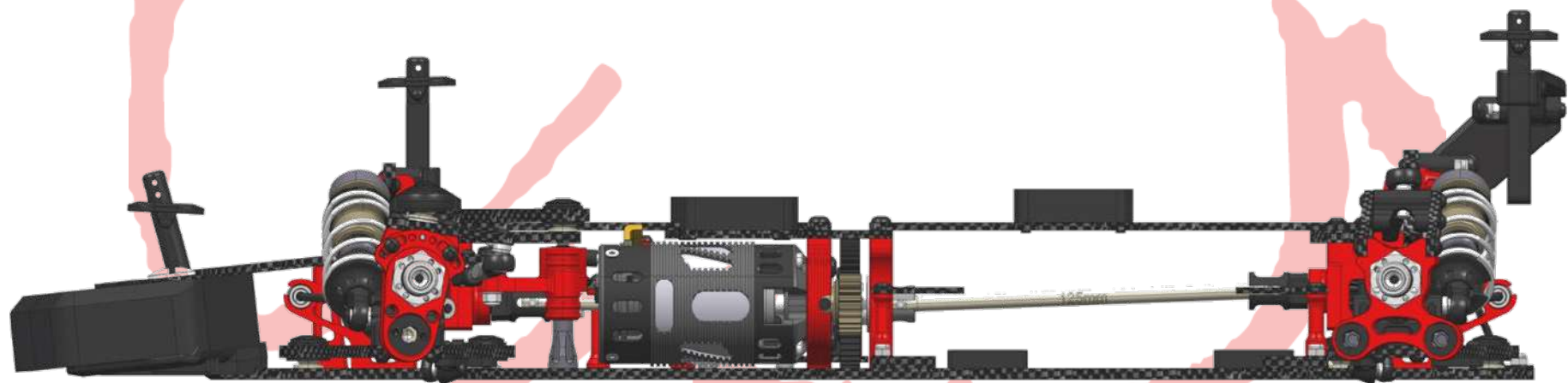
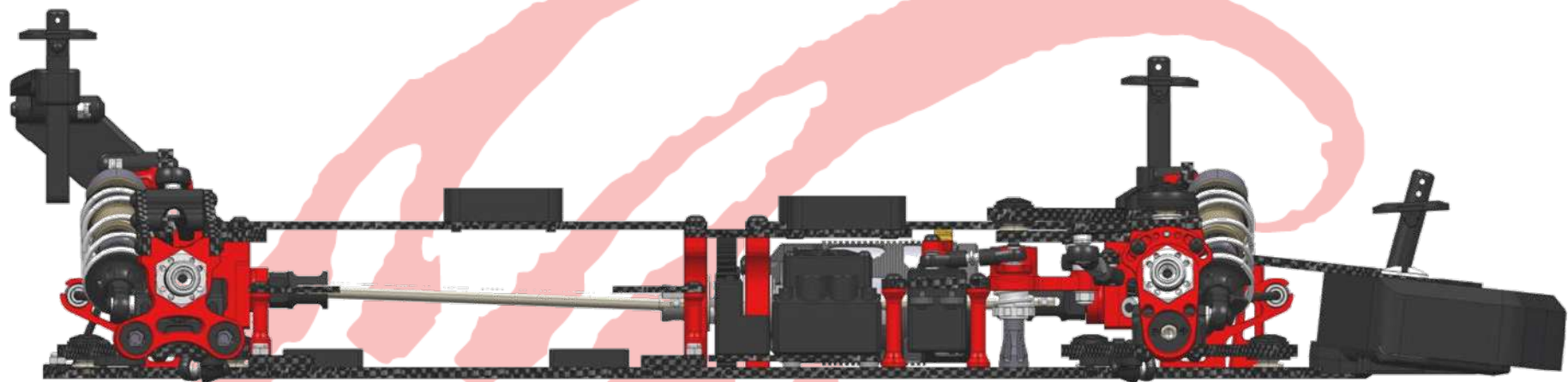
(2x) Cap 17120

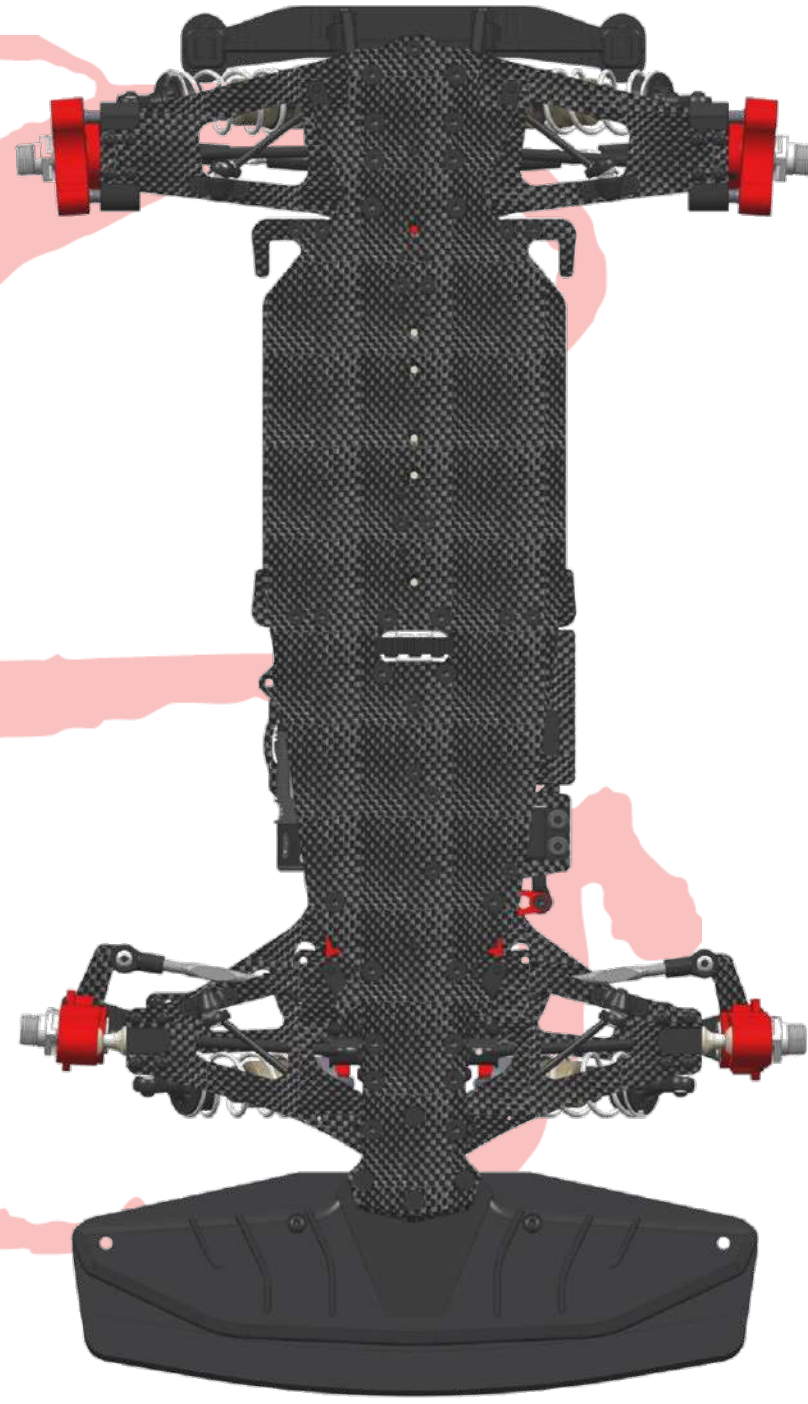
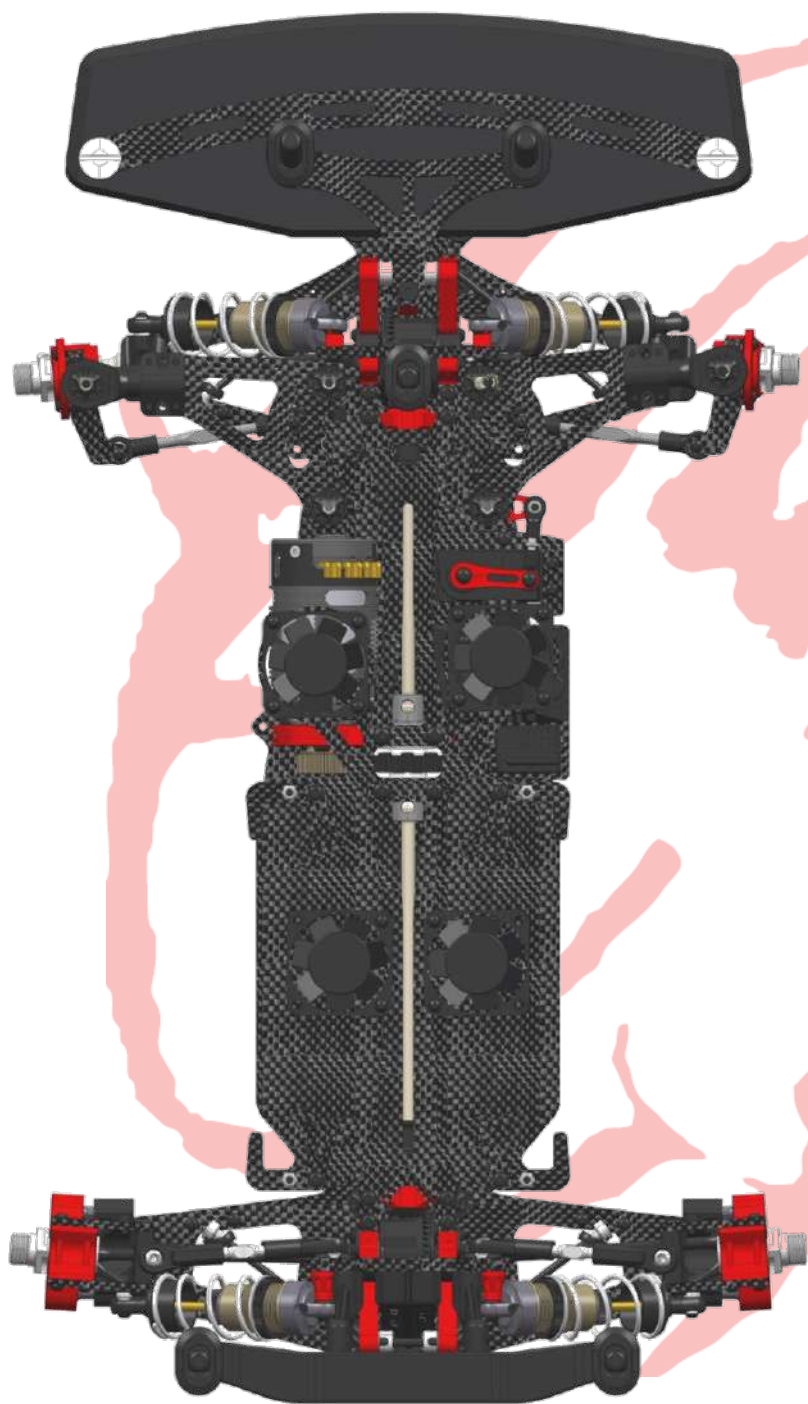
(2x) Cap 17023

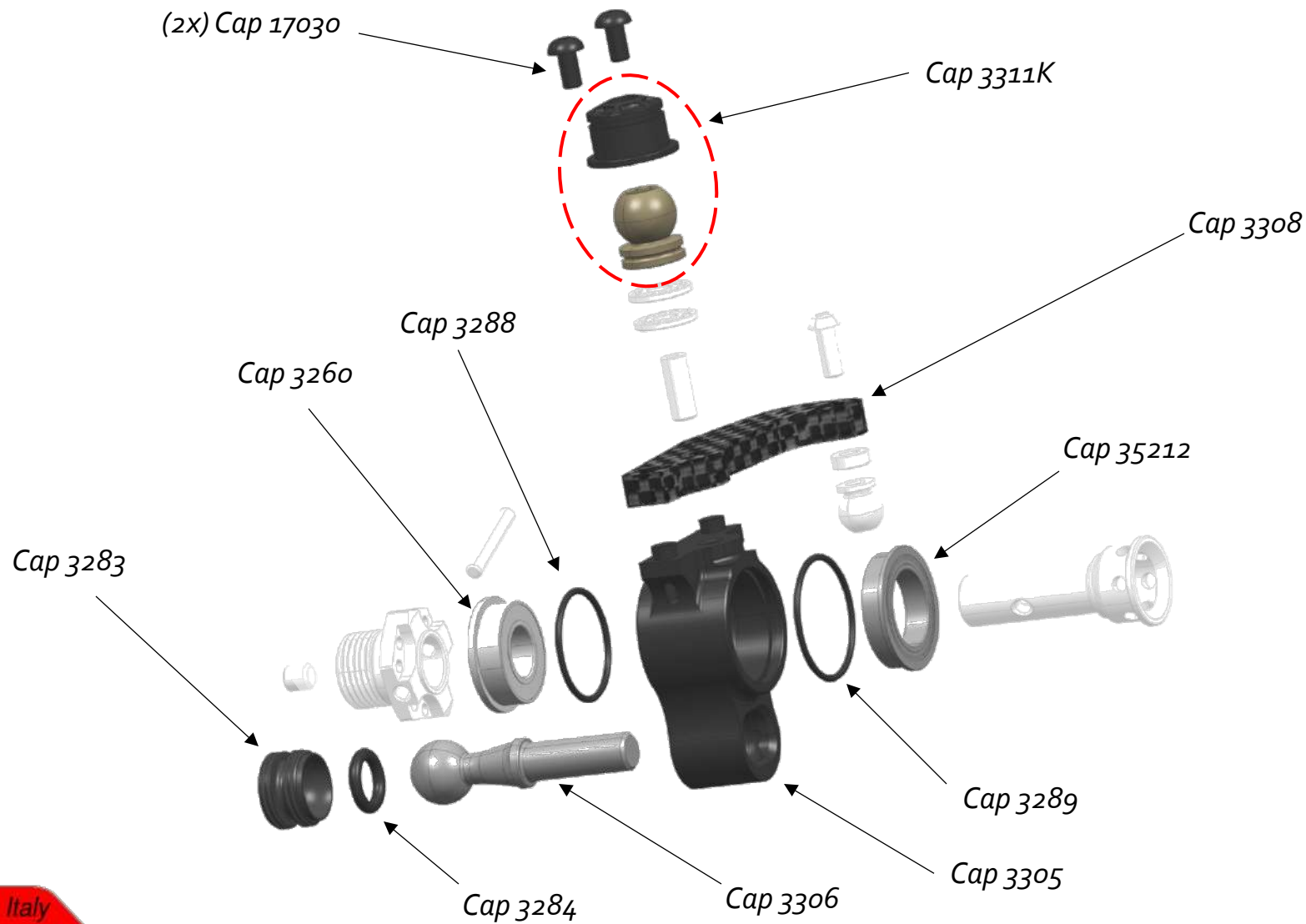
(2x) Cap 17040

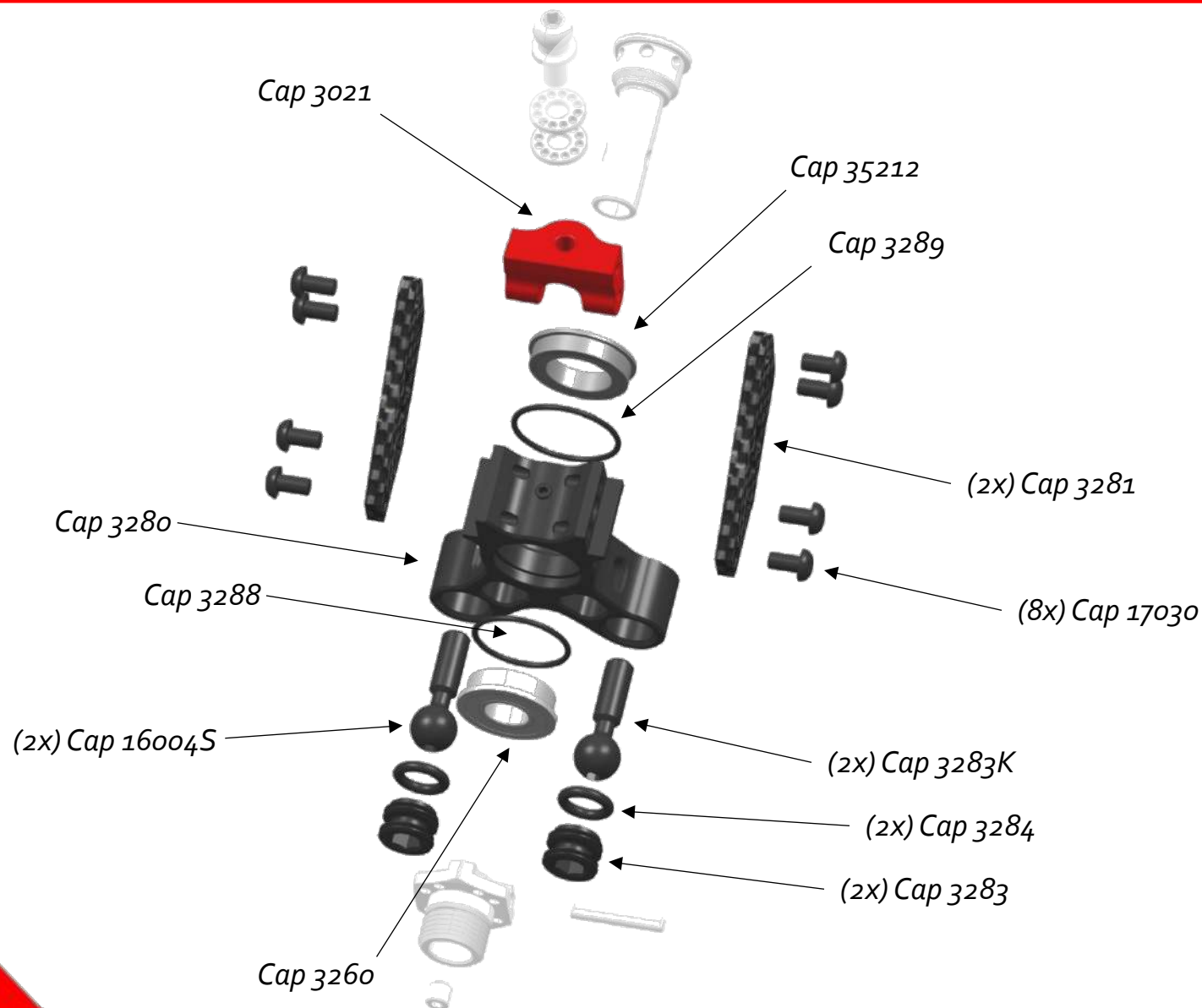
 Remove temporarily the rear
upper arm to insert the nut in
its seat

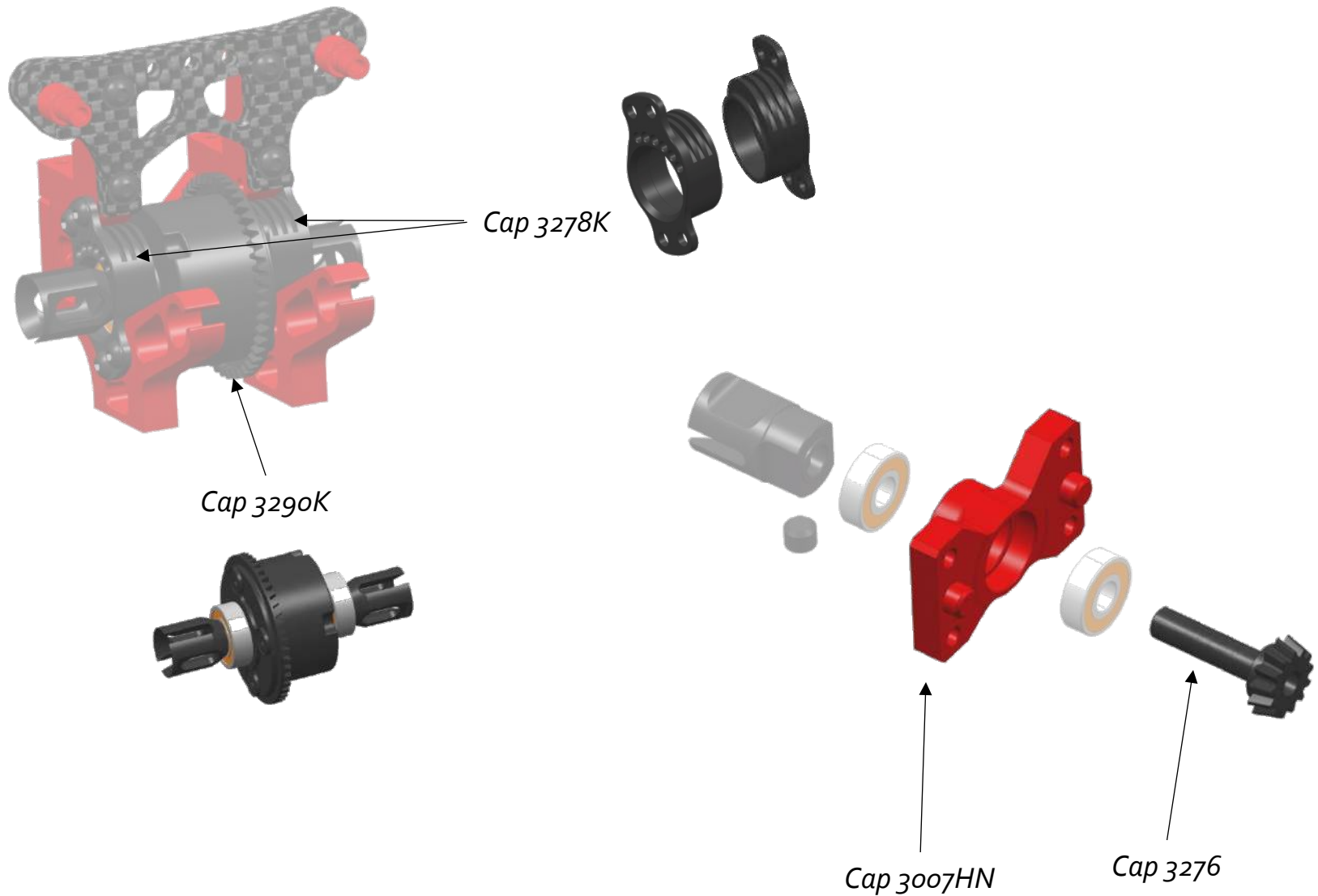












Rear Differential 46T/13T HN

