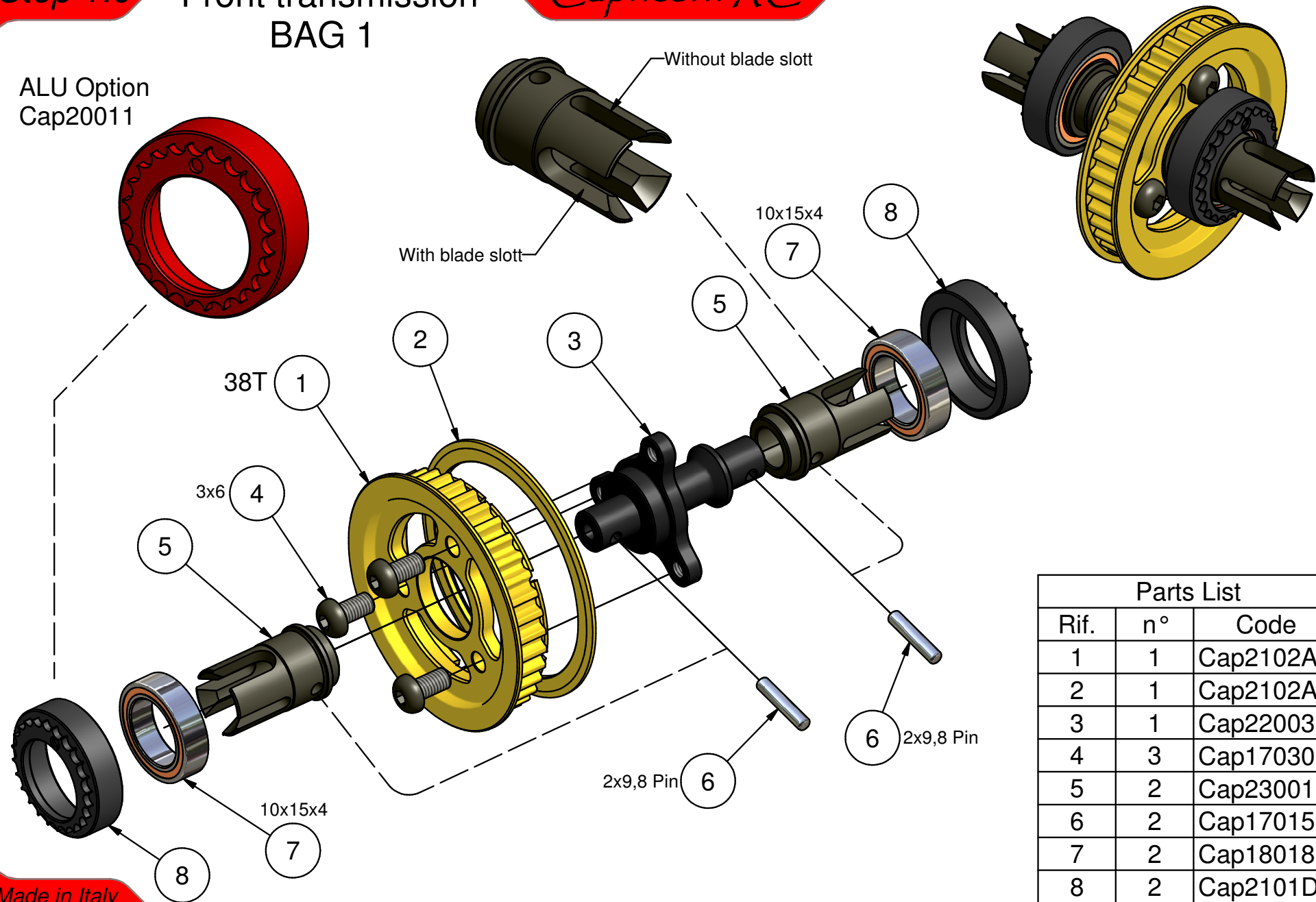


LabTE05 Instruction Manual Rel. 1.0 (10/2020)

Step 1.0 - Front transmission - *Capricorn RC*

BAG 1

ALU Option
Cap20011

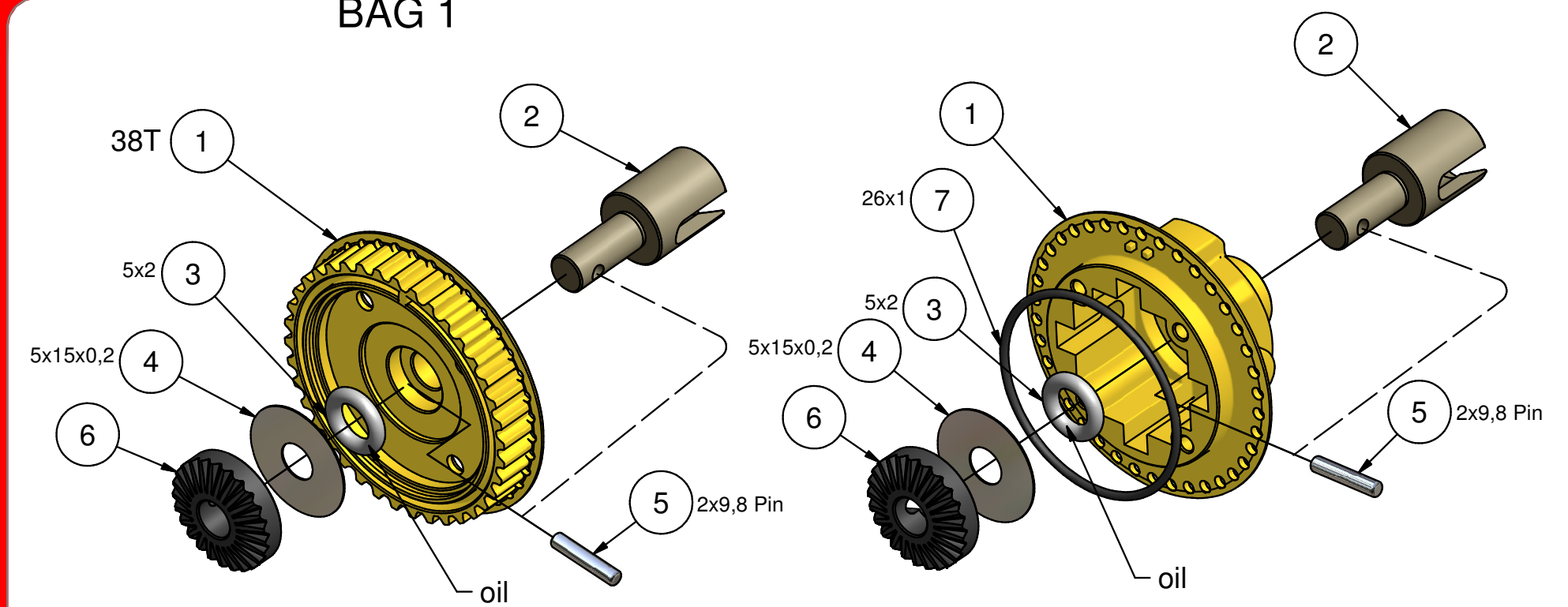


Parts List		
Rif.	n°	Code
1	1	Cap2102A
2	1	Cap2102A
3	1	Cap22003
4	3	Cap17030
5	2	Cap23001
6	2	Cap17015
7	2	Cap18018
8	2	Cap2101D

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Step 1.1 - Rear Differential - *Capricorn RC*

BAG 1



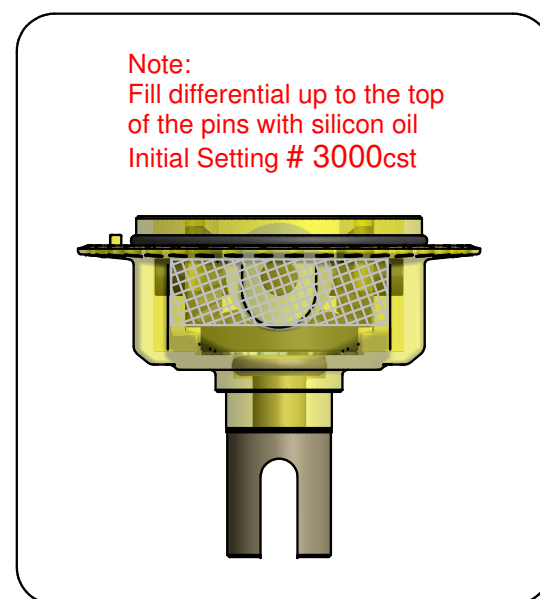
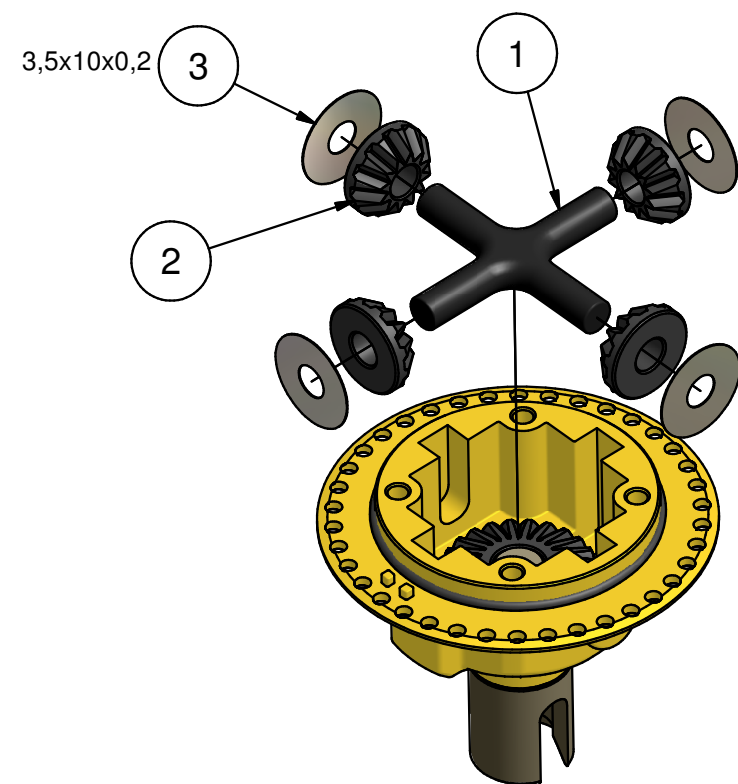
Parts List		
Rif.	n°	Code
1	1	Cap2102E
2	1	Cap22001
3	1	Cap24003
4	1	Cap23024
5	1	Cap17015
6	1	Cap21110

Parts List		
Rif.	n°	Code
1	1	Cap2102E
2	1	Cap22001
3	1	Cap24003
4	1	Cap23024
5	1	Cap17015
6	1	Cap21110
7	1	Cap24005

Made in Italy

Step 1.2 - Rear Differential - *Capricorn RC*

BAG 1

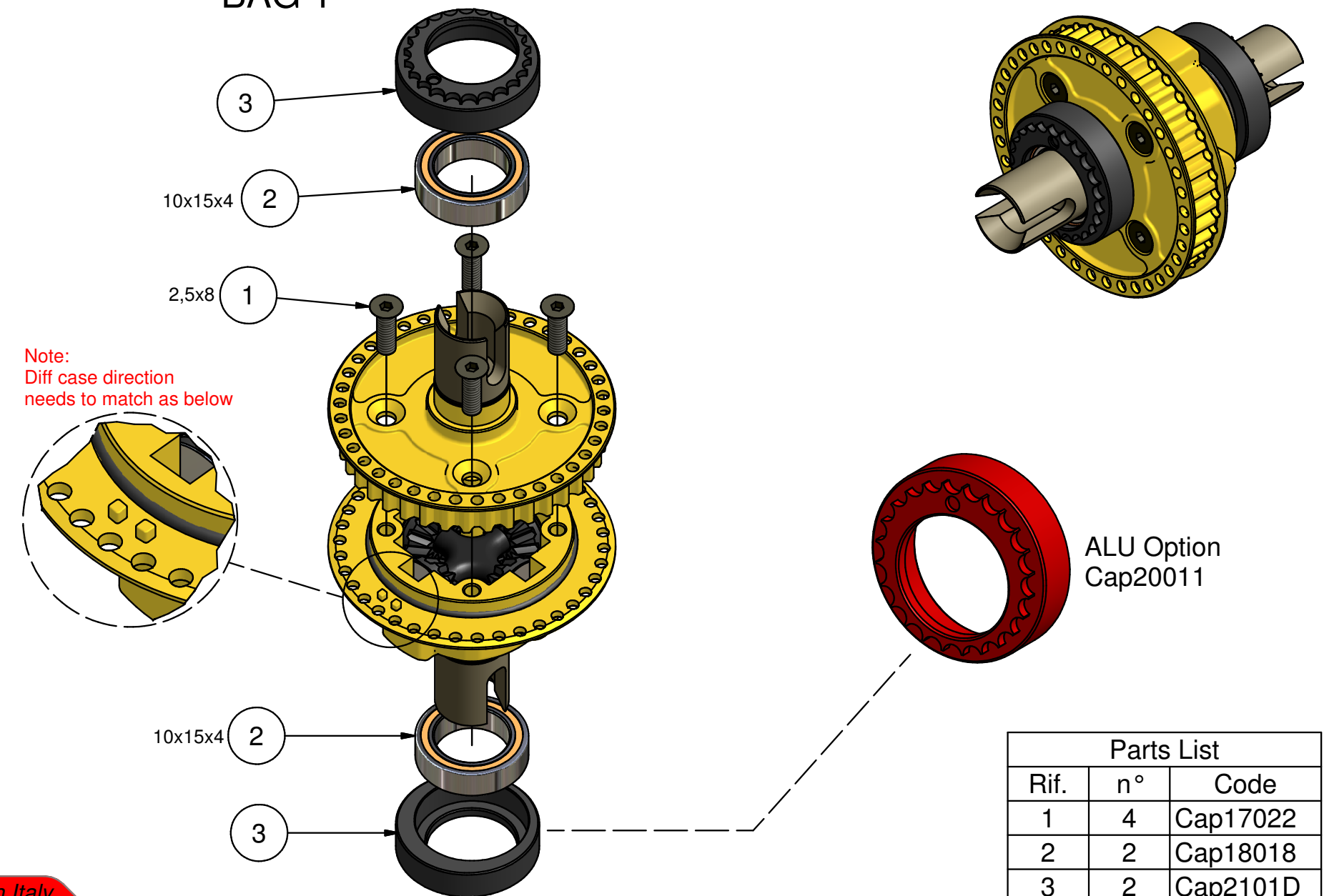


Parts List		
Rif.	n°	Code
1	1	Cap21110
2	4	Cap21110
3	4	Cap23023

Made in Italy

Step 1.3 - Rear Differential - *Capricorn RC*

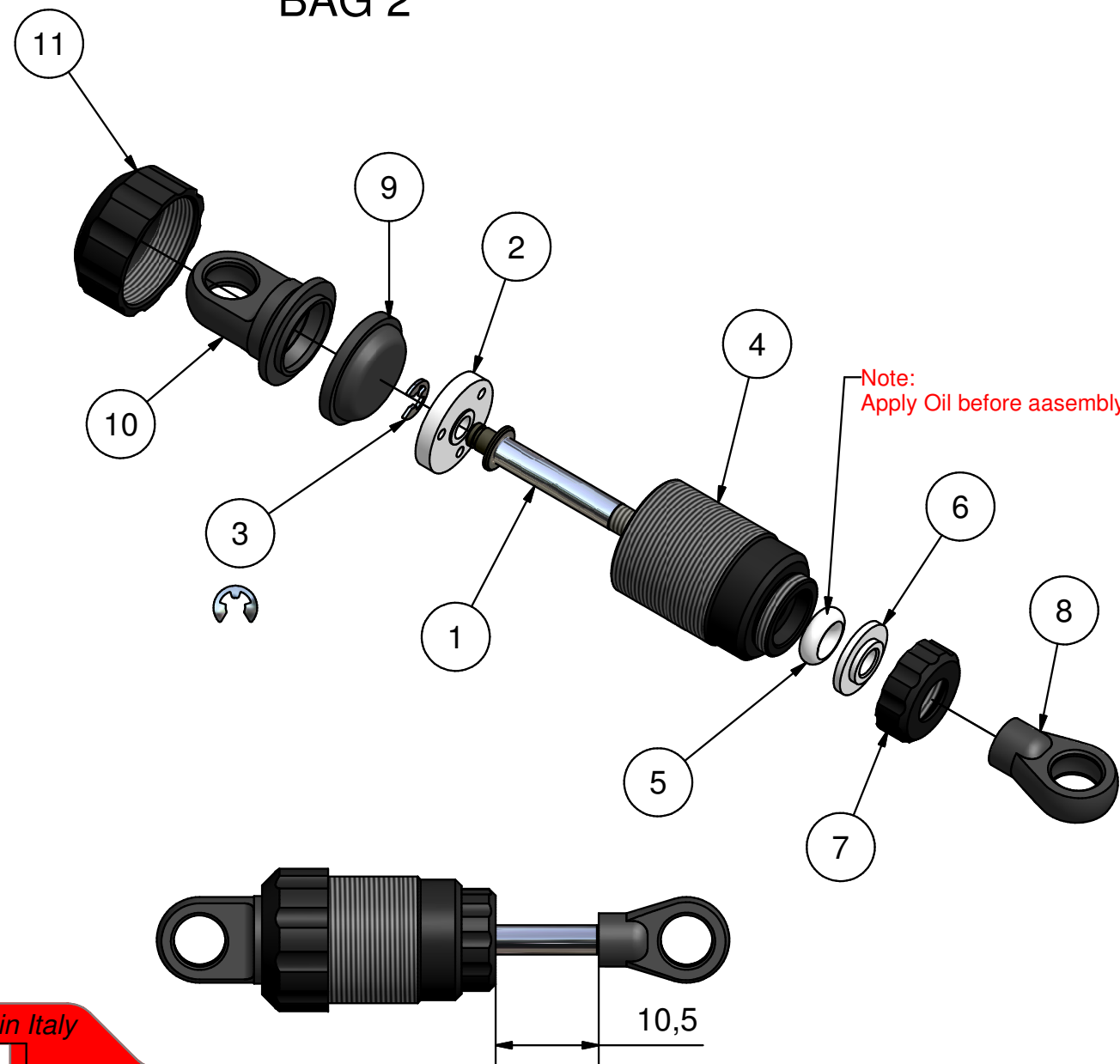
BAG 1



Parts List		
Rif.	n°	Code
1	4	Cap17022
2	2	Cap18018
3	2	Cap2101D

Made in Italy

Step 2.0 V4 Short Big Bore - Shock Damper - BAG 2 *Capricorn RC*



4x

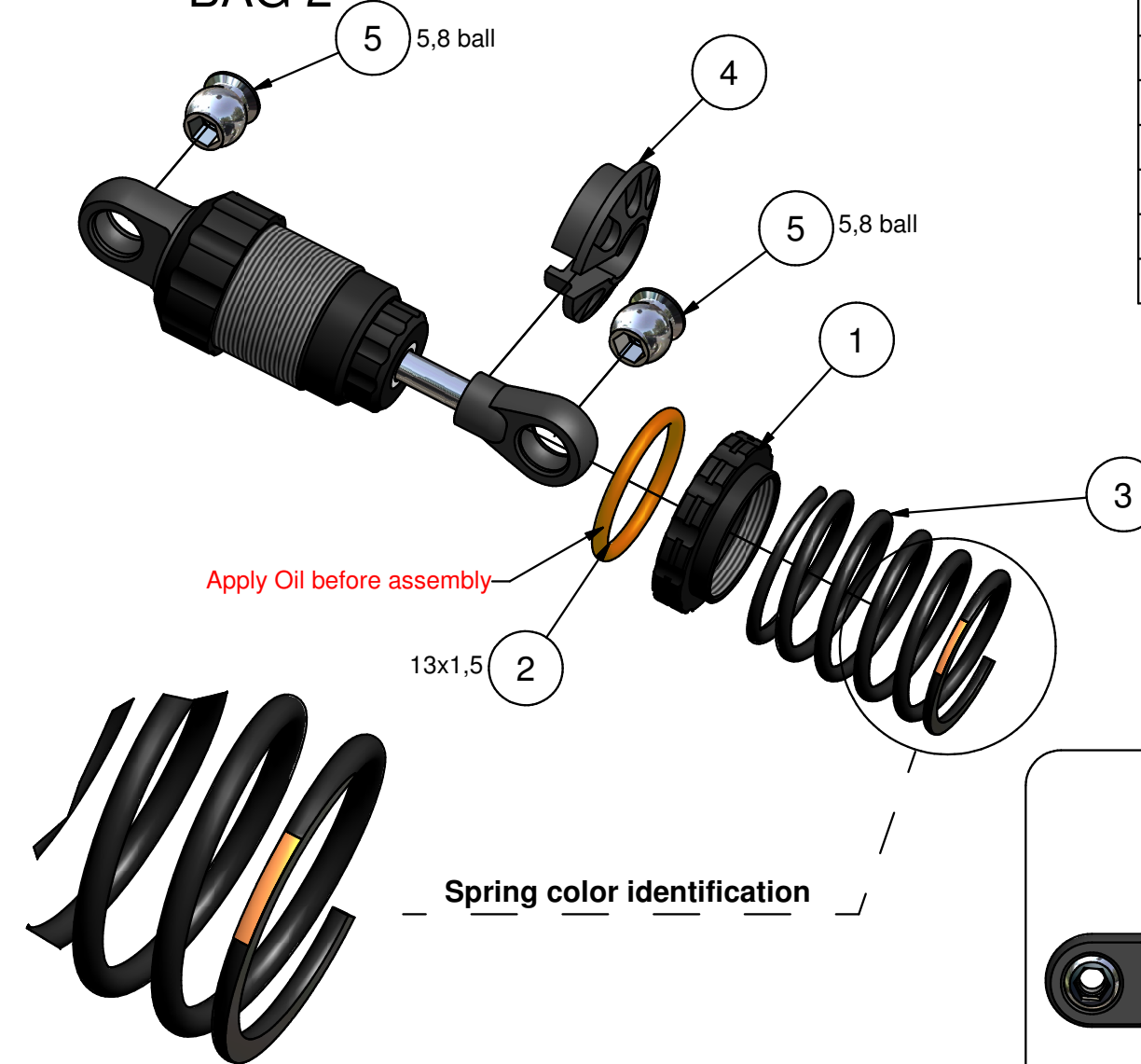
Rif.	n°	Code
1	1	Cap18514
2	1	Cap20019
3	1	Cap18026
4	1	Cap18513
5	1	Cap29252
6	1	Cap18505
7	1	Cap18502
8	1	Cap14042KS
9	1	Cap29148-6
10	1	Cap29331
11	1	Cap16085-B

Silicon Oil #350



Made in Italy

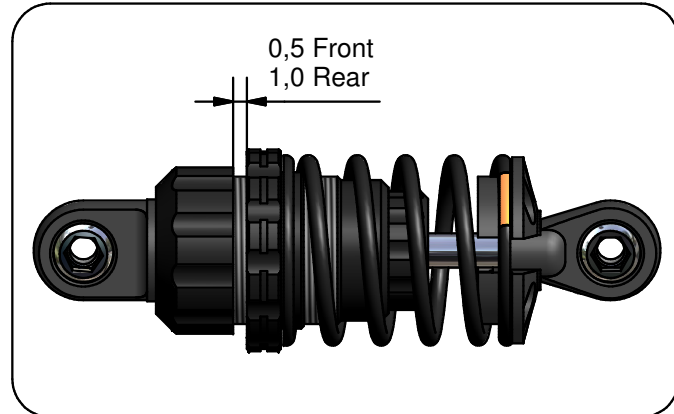
Step 2.1 V4 Short Big Bore - Shock Damper - BAG 2 *Capricorn RC*



4x

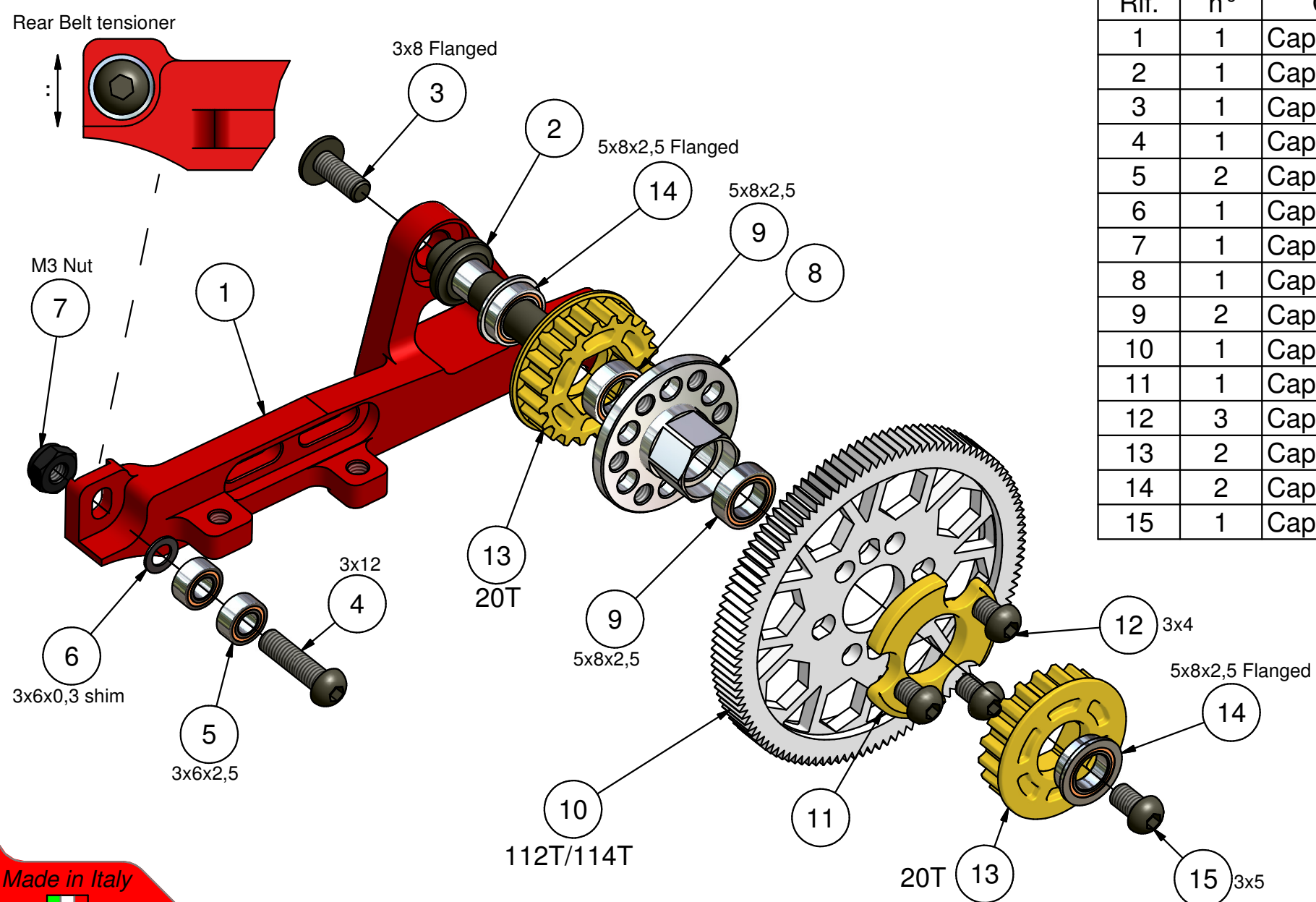
Rif.	n°	Code
1	1	Cap20017
2	1	Cap29159
3	1	Cap18106
4	1	Cap14030
5	2	Cap18169

Spring chart:
 0,22 Silver Option
 0,24 Pink Option
0,25 Orange Default
 0,26 Blue Option
 0,27 Purple Option
 0,28 Green Option
 0,30 Yellow Option



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Step 3.0 - Main Transmission - BAG 3 *Capricorn RC*

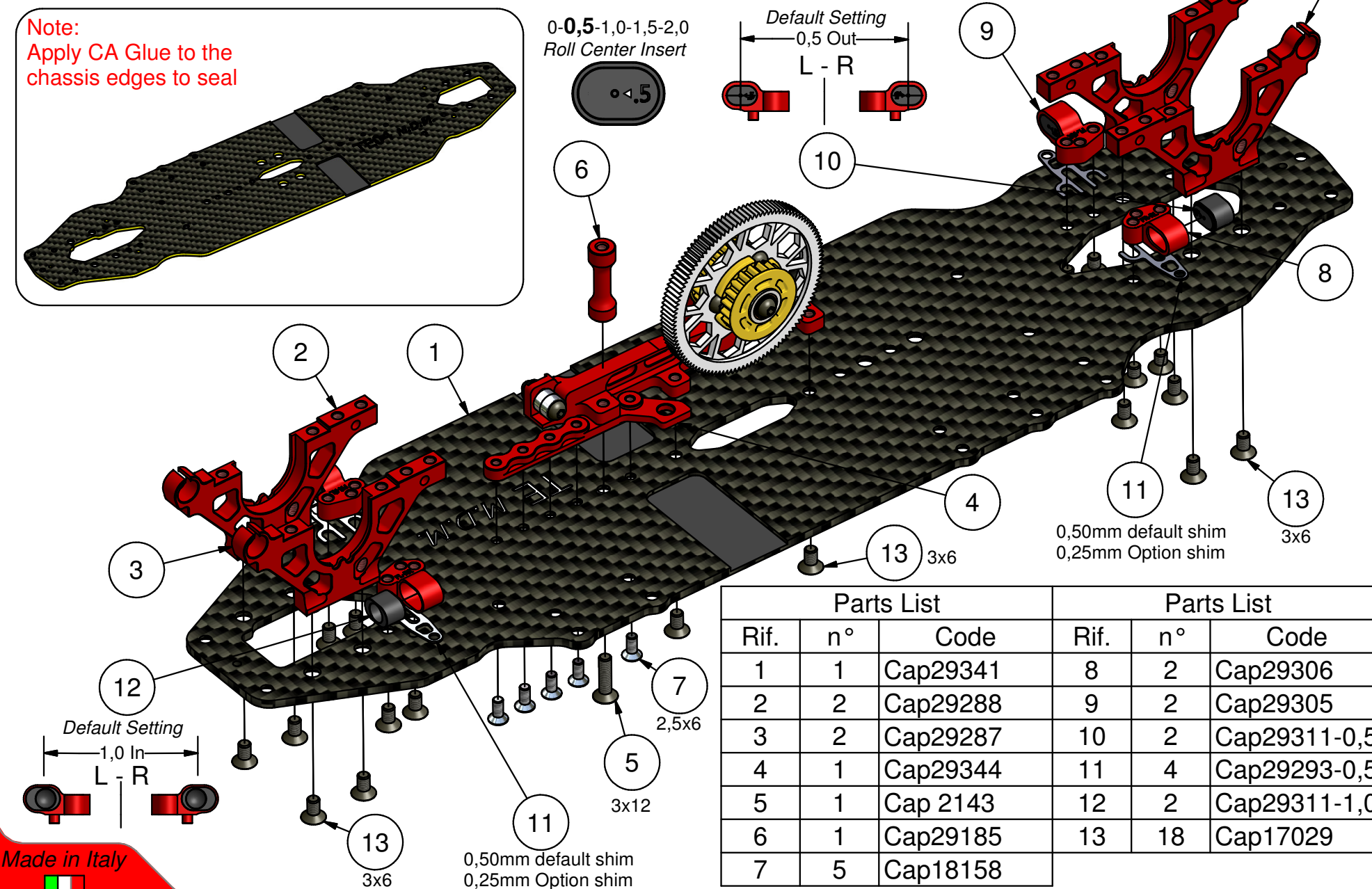


Parts List

Rif.	n°	Code
1	1	Cap29357
2	1	Cap29347
3	1	Cap17034
4	1	Cap17026
5	2	Cap29209
6	1	Cap22023
7	1	Cap40423
8	1	Cap29368
9	2	Cap16019
10	1	Cap29112W
11	1	Cap29369F
12	3	Cap18021
13	2	Cap29369P
14	2	Cap18082
15	1	Cap 2235

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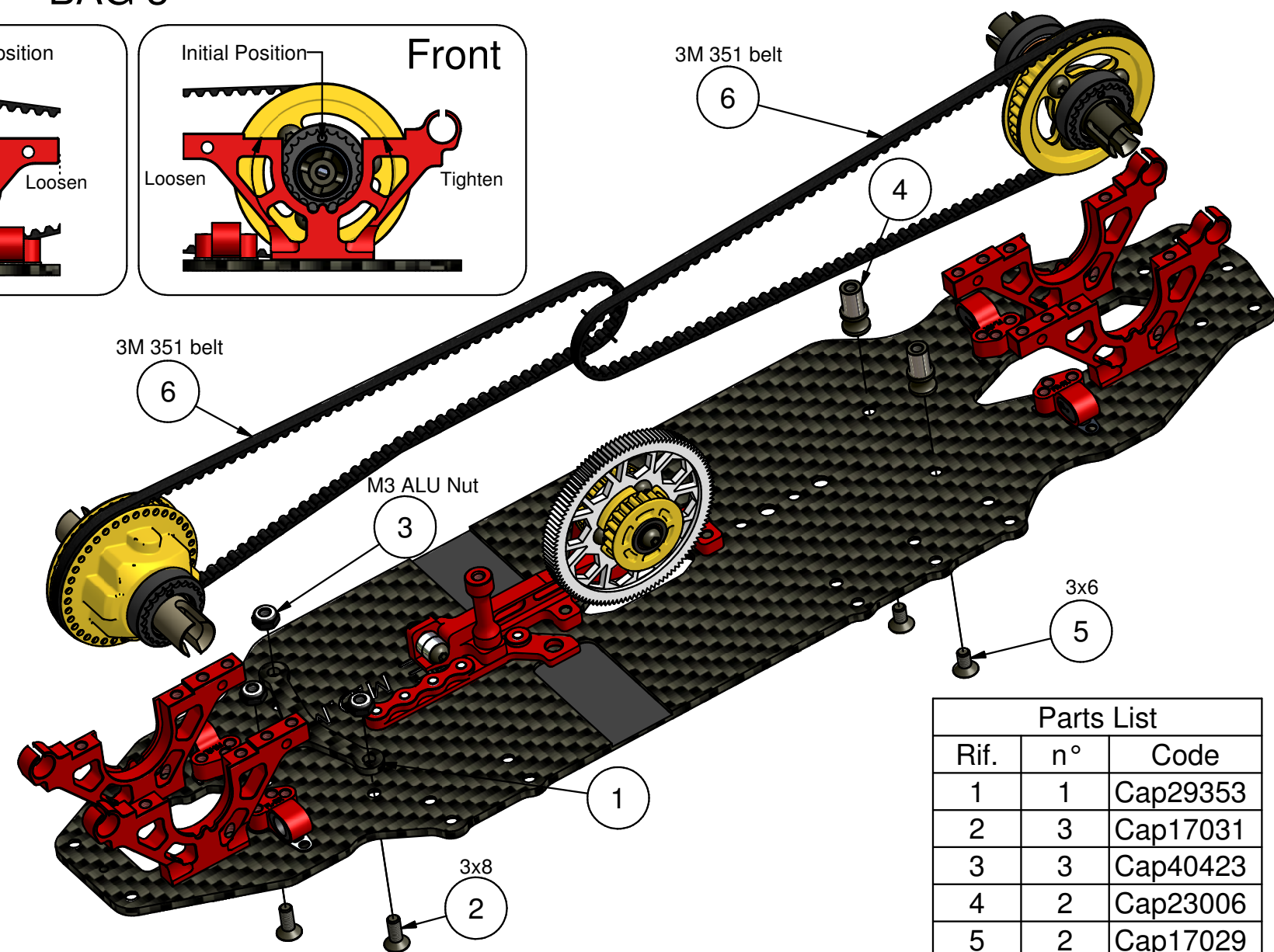
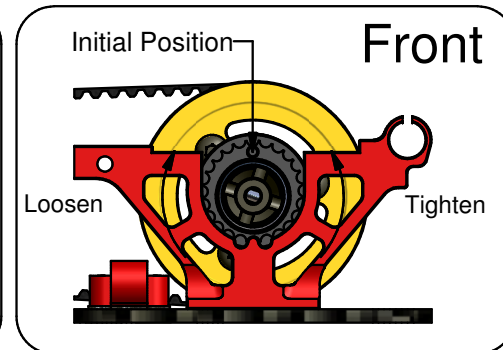
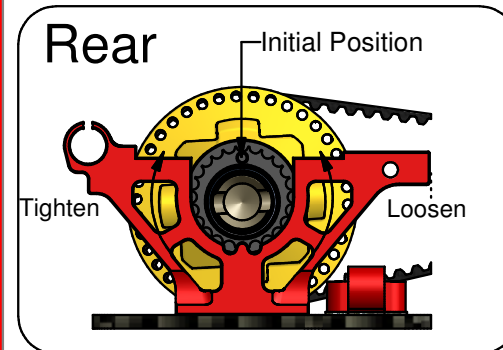
Step 3.1 - Main Chassis - BAG 3 *Capricorn RC*



Parts List			Parts List		
Rif.	n°	Code	Rif.	n°	Code
1	1	Cap29341	8	2	Cap29306
2	2	Cap29288	9	2	Cap29305
3	2	Cap29287	10	2	Cap29311-0,5
4	1	Cap29344	11	4	Cap29293-0,5
5	1	Cap 2143	12	2	Cap29311-1,0
6	1	Cap29185	13	18	Cap17029
7	5	Cap18158			

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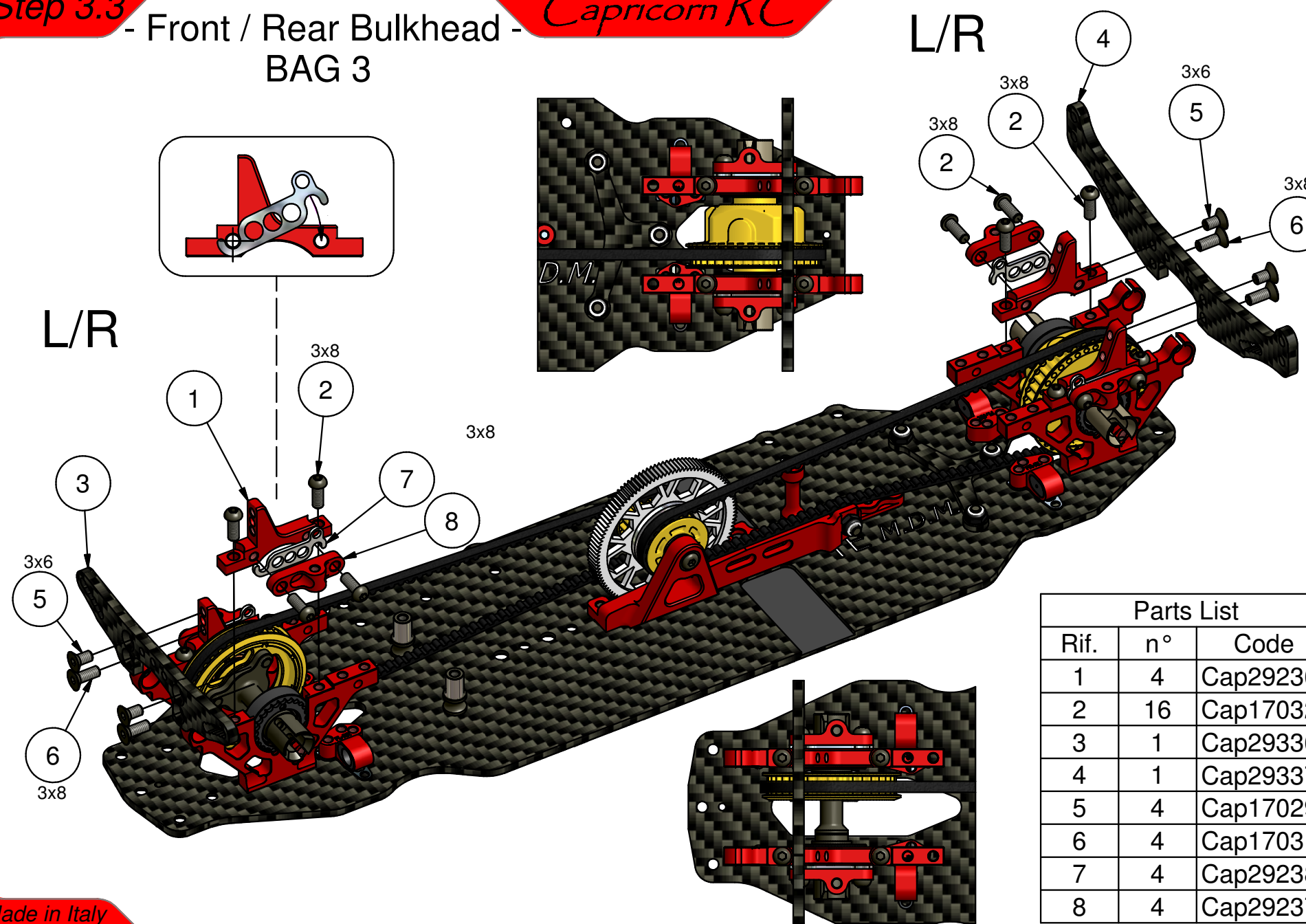
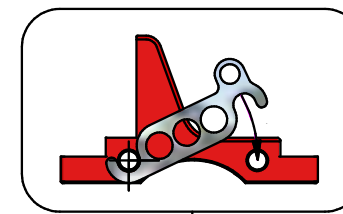
Step 3.2 - Transmission - *Capricorn RC*
BAG 3



Parts List		
Rif.	n°	Code
1	1	Cap29353
2	3	Cap17031
3	3	Cap40423
4	2	Cap23006
5	2	Cap17029
6	2	Cap29351

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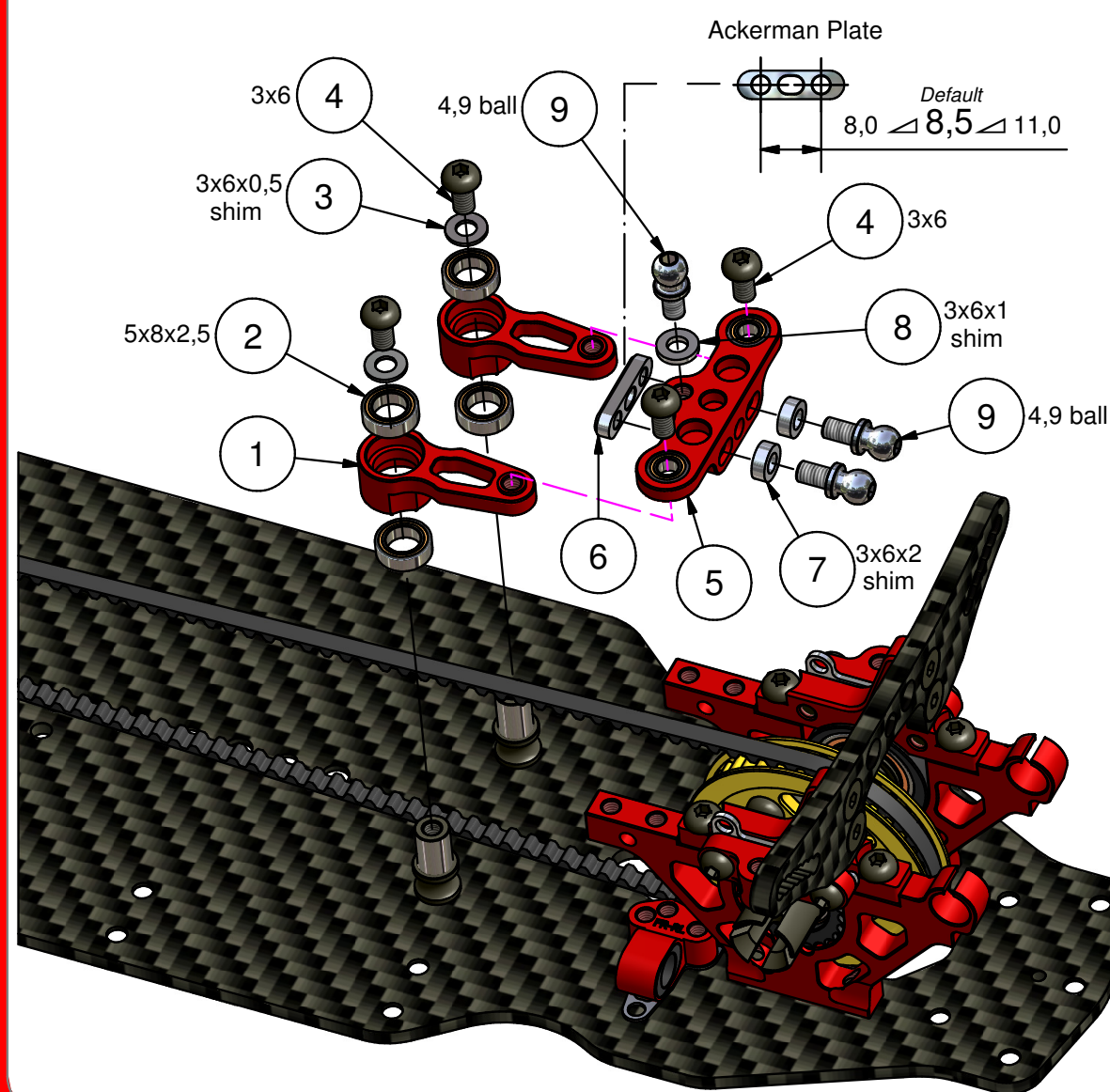
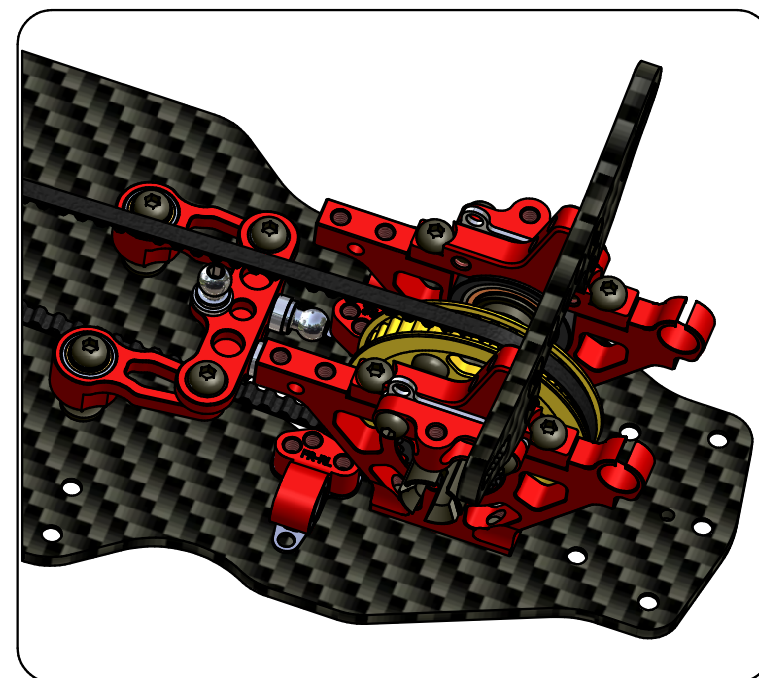
Step 3.3 - Front / Rear Bulkhead - *Capricorn RC*
BAG 3



Parts List		
Rif.	n°	Code
1	4	Cap29236
2	16	Cap17032
3	1	Cap29336
4	1	Cap29337
5	4	Cap17029
6	4	Cap17031
7	4	Cap29238
8	4	Cap29237

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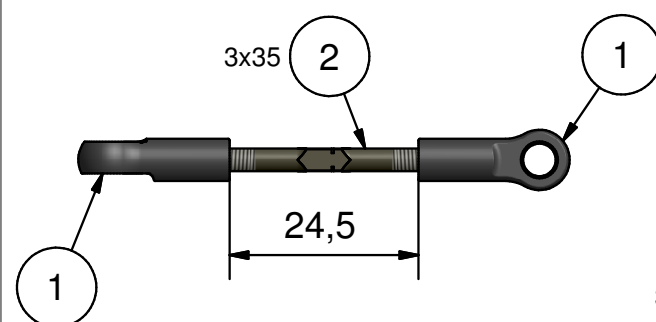
Step 3.4 - Steering System - *Capricorn RC*
BAG 3



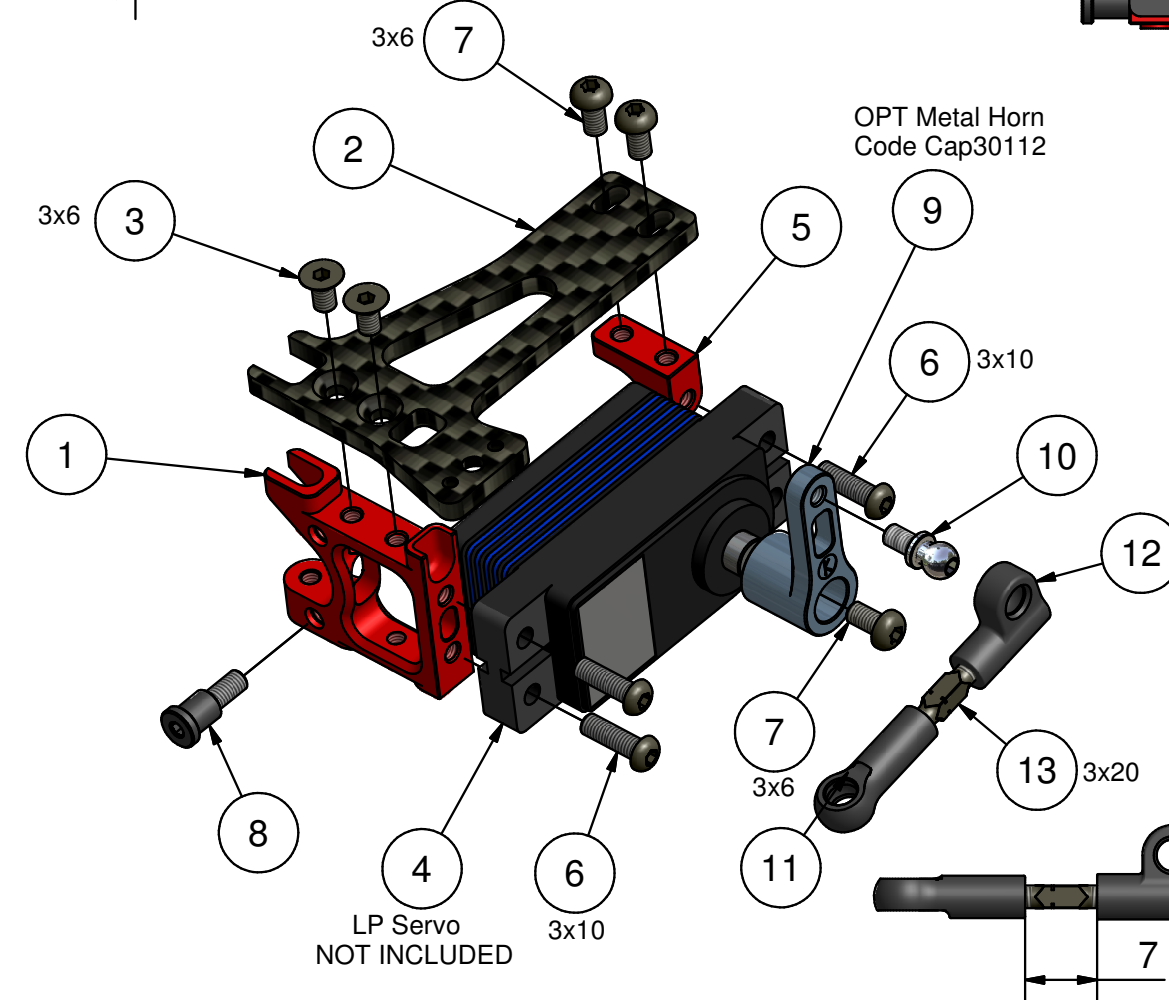
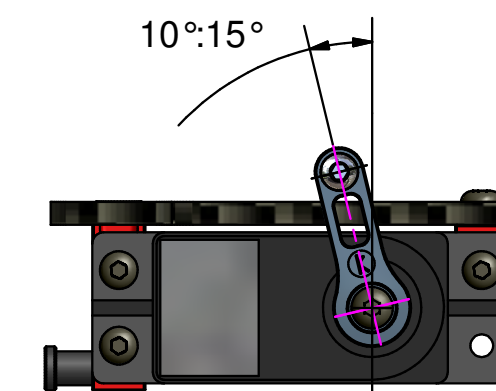
Parts List		
Rif.	n°	Code
1	2	Cap20014
2	4	Cap16019
3	2	Cap22020
4	4	Cap17030
5	1	Cap29230
6	1	Cap20029-8,5
7	2	Cap22015
8	1	Cap22021
9	3	Cap22100-N

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Step 3.5 - Steering System - *Capricorn RC*
BAG 3



Parts List		
Rif.	n°	Code
1	2	Cap2107A
2	1	Cap23032

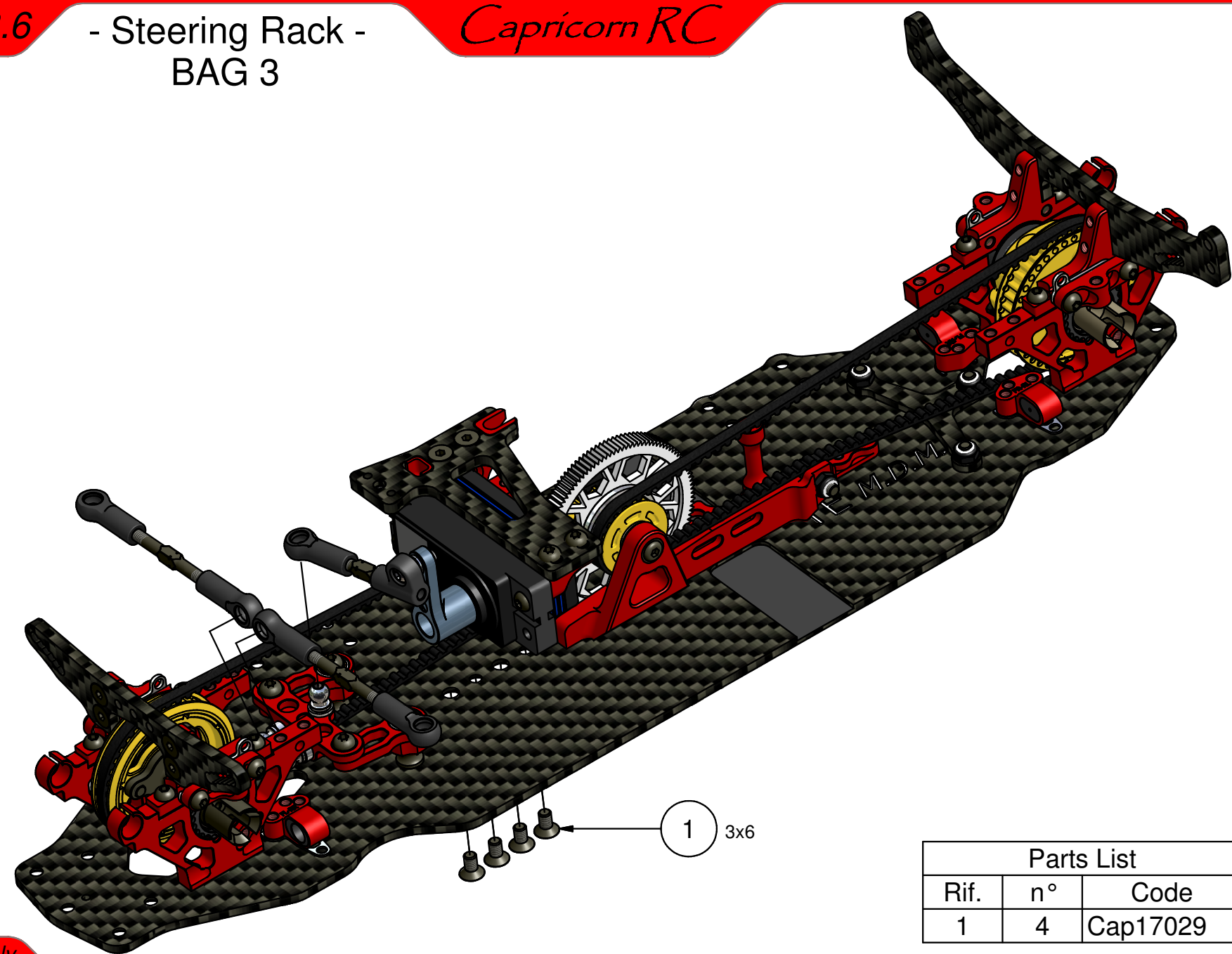


Parts List		
Rif.	n°	Code
1	1	Cap29291
2	1	Cap29319
3	2	Cap17029
4	1	Servo
5	1	Cap29188
6	3	Cap17023
7	3	Cap17030
8	1	Cap29312
9	1	Cap21060P
10	1	Cap22100-N
11	1	Cap2107A
12	1	Cap2107D
13	1	Cap23030

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Step 3.6 - Steering Rack - BAG 3

Capricorn RC

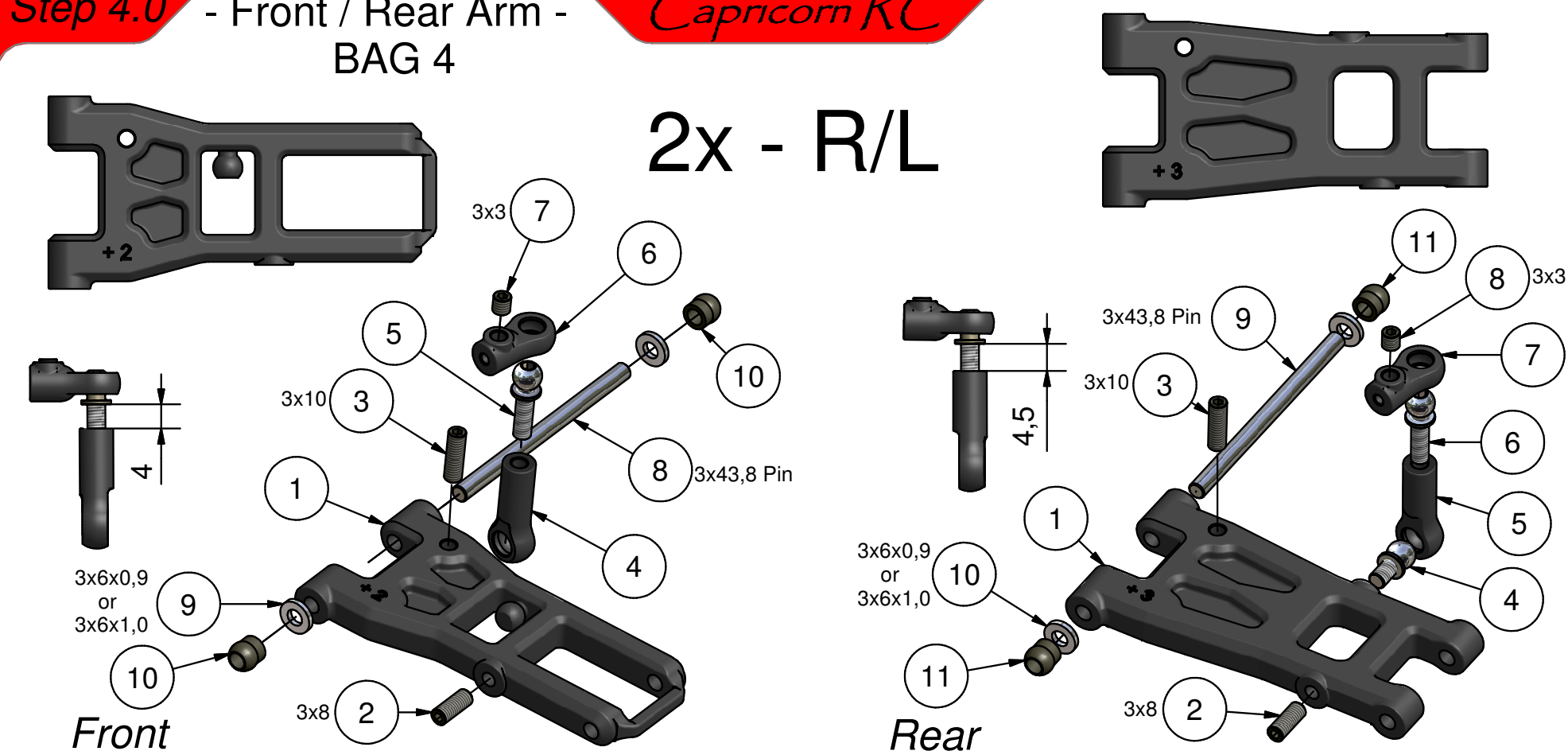


Parts List		
Rif.	n°	Code
1	4	Cap17029

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Step 4.0 - Front / Rear Arm - BAG 4

Capricorn RC



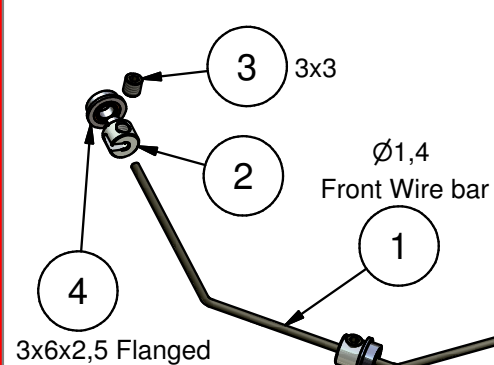
Parts List			Parts List		
Rif.	n°	Code	Rif.	n°	Code
1	1	Cap29243	6	1	Cap2107C
2	1	Cap17008	7	1	Cap17006
3	1	Cap18022	8	1	Cap23040
4	1	Cap2107A	9	2	Cap22024
5	1	Cap22102-N	10	2	Cap23008

Parts List			Parts List		
Rif.	n°	Code	Rif.	n°	Code
1	1	Cap29244	7	1	Cap2107C
2	1	Cap17008	8	1	Cap17006
3	1	Cap18022	9	1	Cap23040
4	1	Cap22100-N	10	2	Cap22024
5	1	Cap2107A	11	2	Cap23008
6	1	Cap22102-N			

Made in Italy

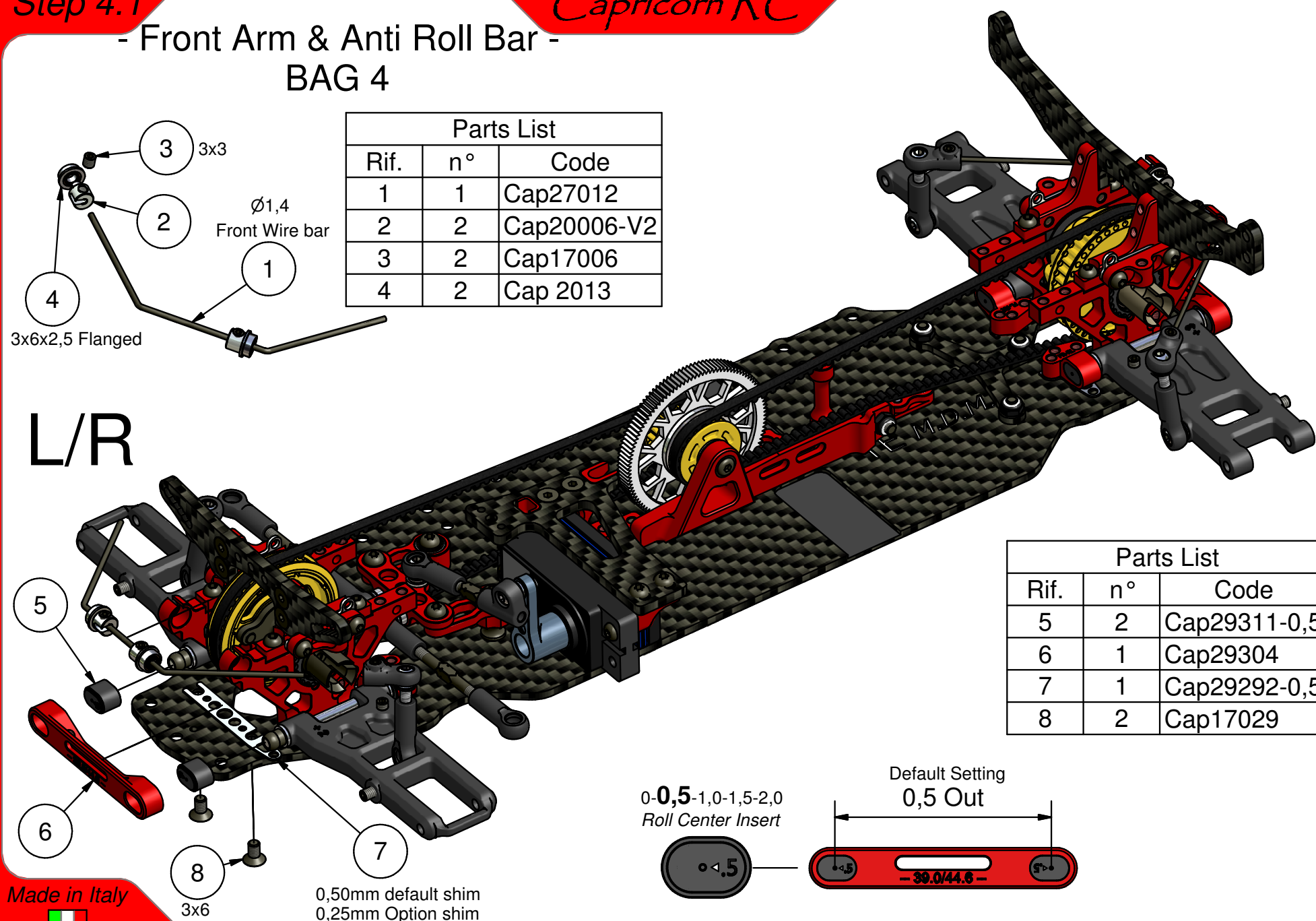
Step 4.1 - Front Arm & Anti Roll Bar - BAG 4

Capricorn RC

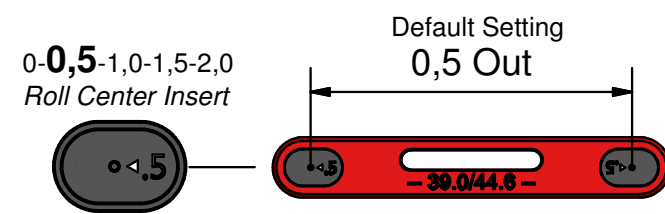


Parts List		
Rif.	n°	Code
1	1	Cap27012
2	2	Cap20006-V2
3	2	Cap17006
4	2	Cap 2013

L/R



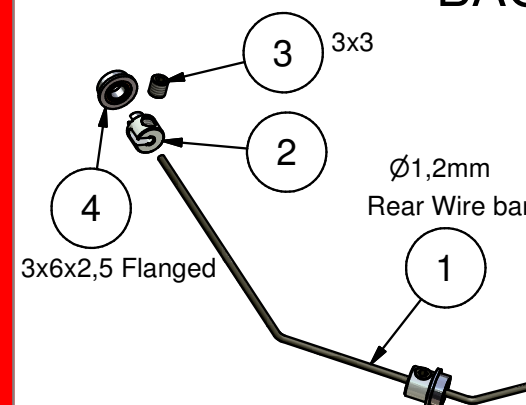
Parts List		
Rif.	n°	Code
5	2	Cap29311-0,5
6	1	Cap29304
7	1	Cap29292-0,5
8	2	Cap17029



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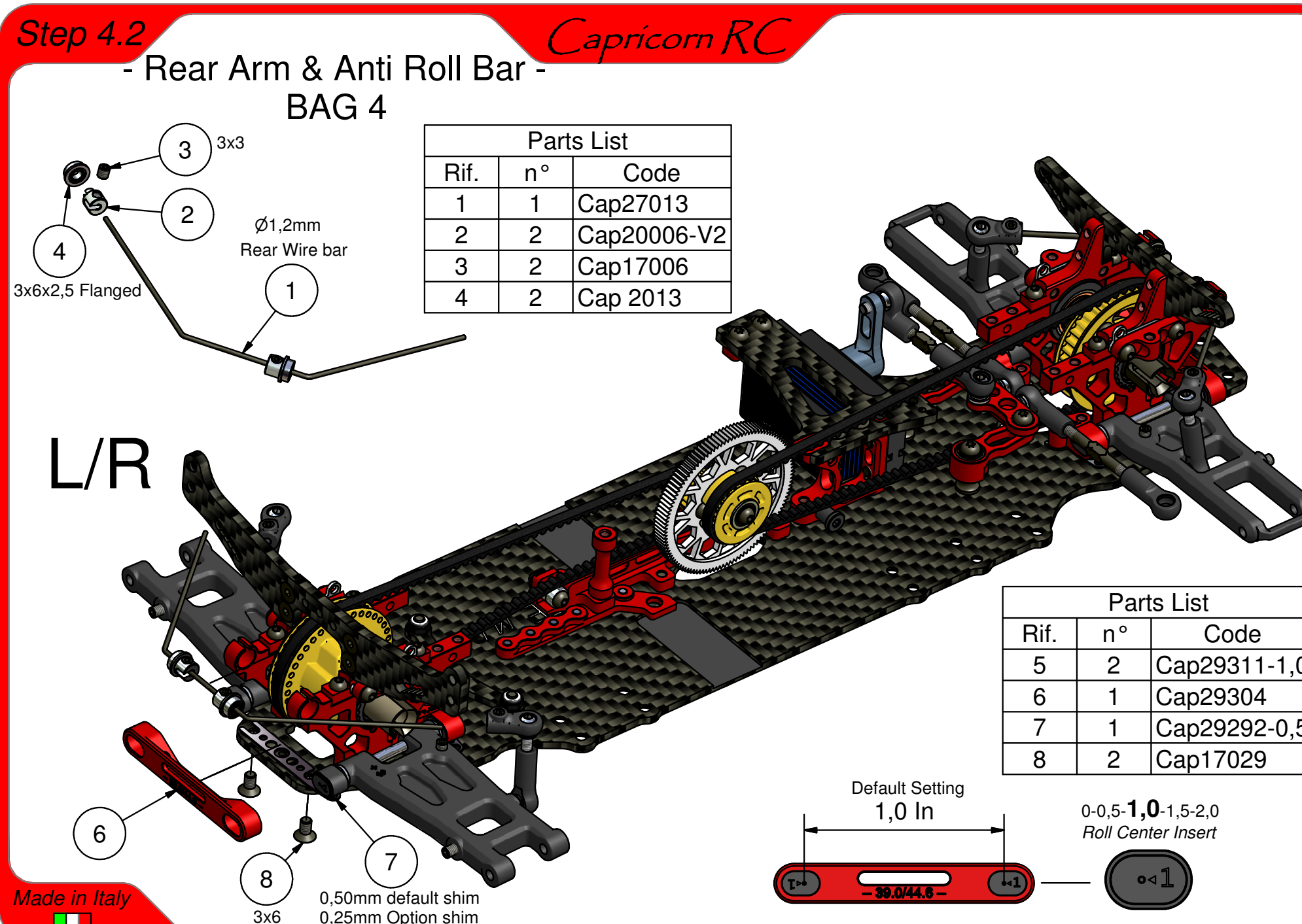
Step 4.2 - Rear Arm & Anti Roll Bar - BAG 4

Capricorn RC

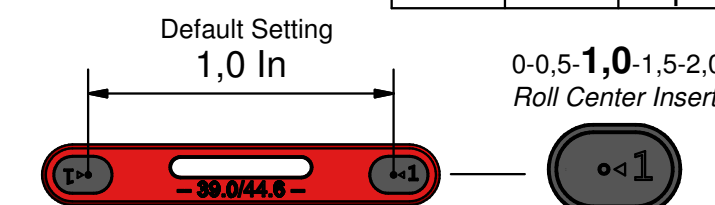


Parts List		
Rif.	n°	Code
1	1	Cap27013
2	2	Cap20006-V2
3	2	Cap17006
4	2	Cap 2013

L/R



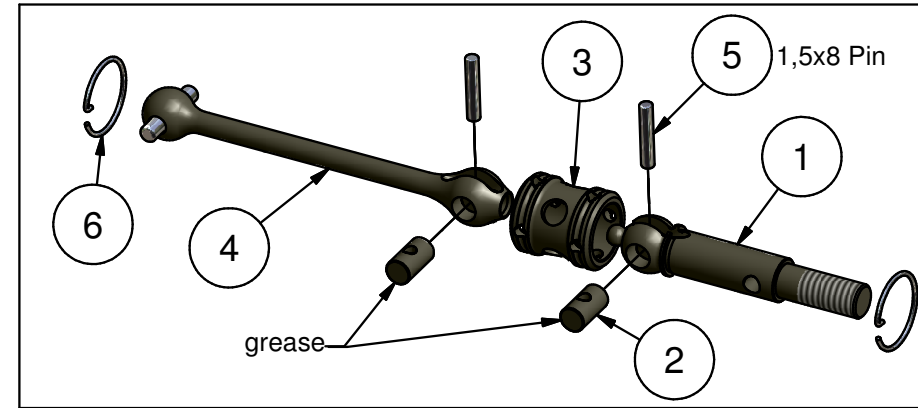
Parts List		
Rif.	n°	Code
5	2	Cap29311-1,0
6	1	Cap29304
7	1	Cap29292-0,5
8	2	Cap17029



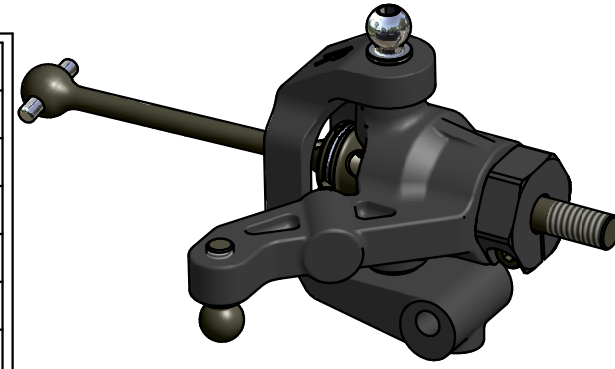
Made in Italy

Step 5.0 - Front D.J CVD Block - *Capricorn RC*
BAG 5

Right block view

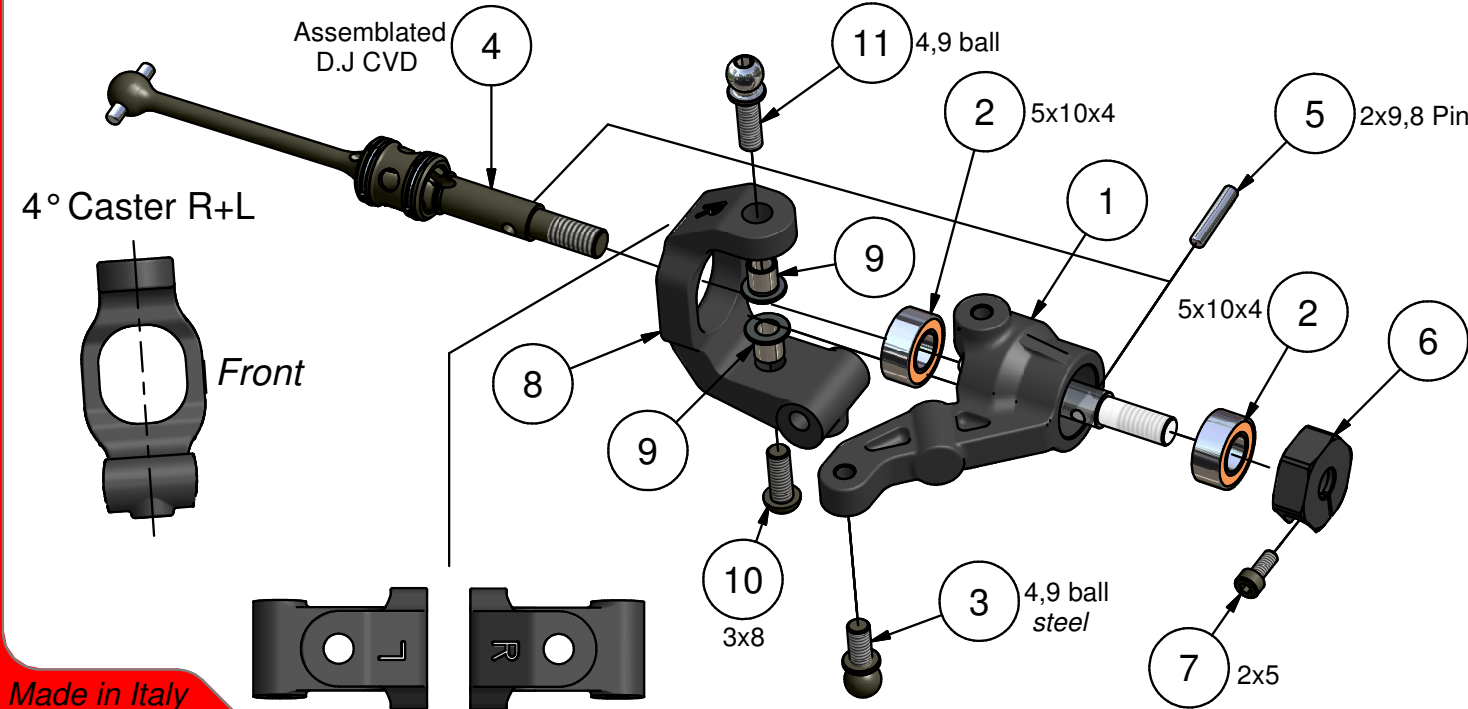


Parts List		
Rif.	n°	Code
1	1	Cap23101
2	2	Cap23103
3	1	Cap23104
4	1	Cap23102
5	2	Cap26105
6	2	Cap27001



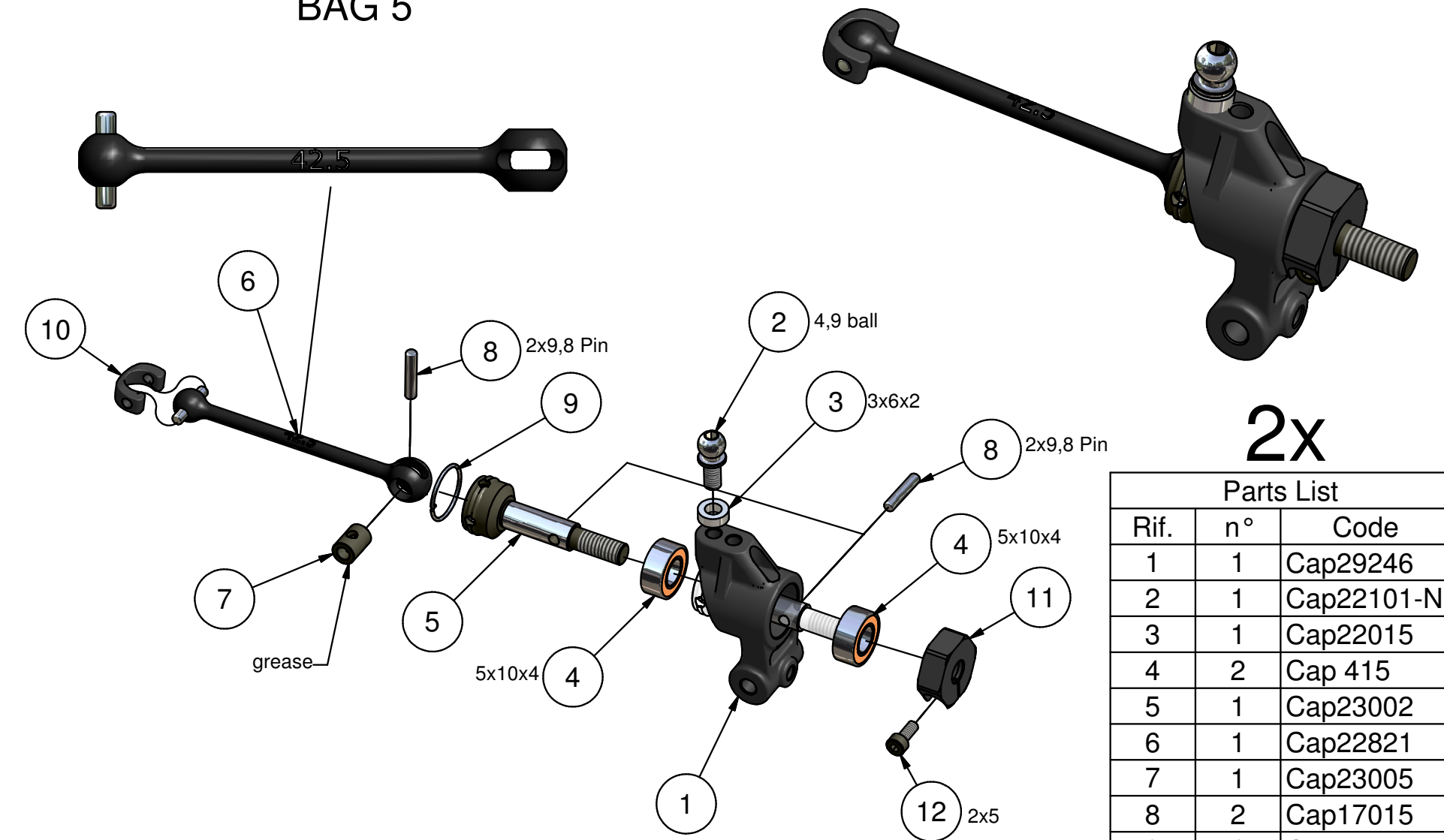
2x - R/L

Parts List		
Rif.	n°	Code
1	1	Cap29245
2	2	Cap 415
3	1	Cap23017
4	1	Cap29009F
5	1	Cap17015
6	1	Cap22005
7	1	Cap18023
8	1	Cap29250
9	2	Cap23007
10	1	Cap17032
11	1	Cap22102-N



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Step 5.1 - Rear CVD Block- *Capricorn RC*
BAG 5



2x

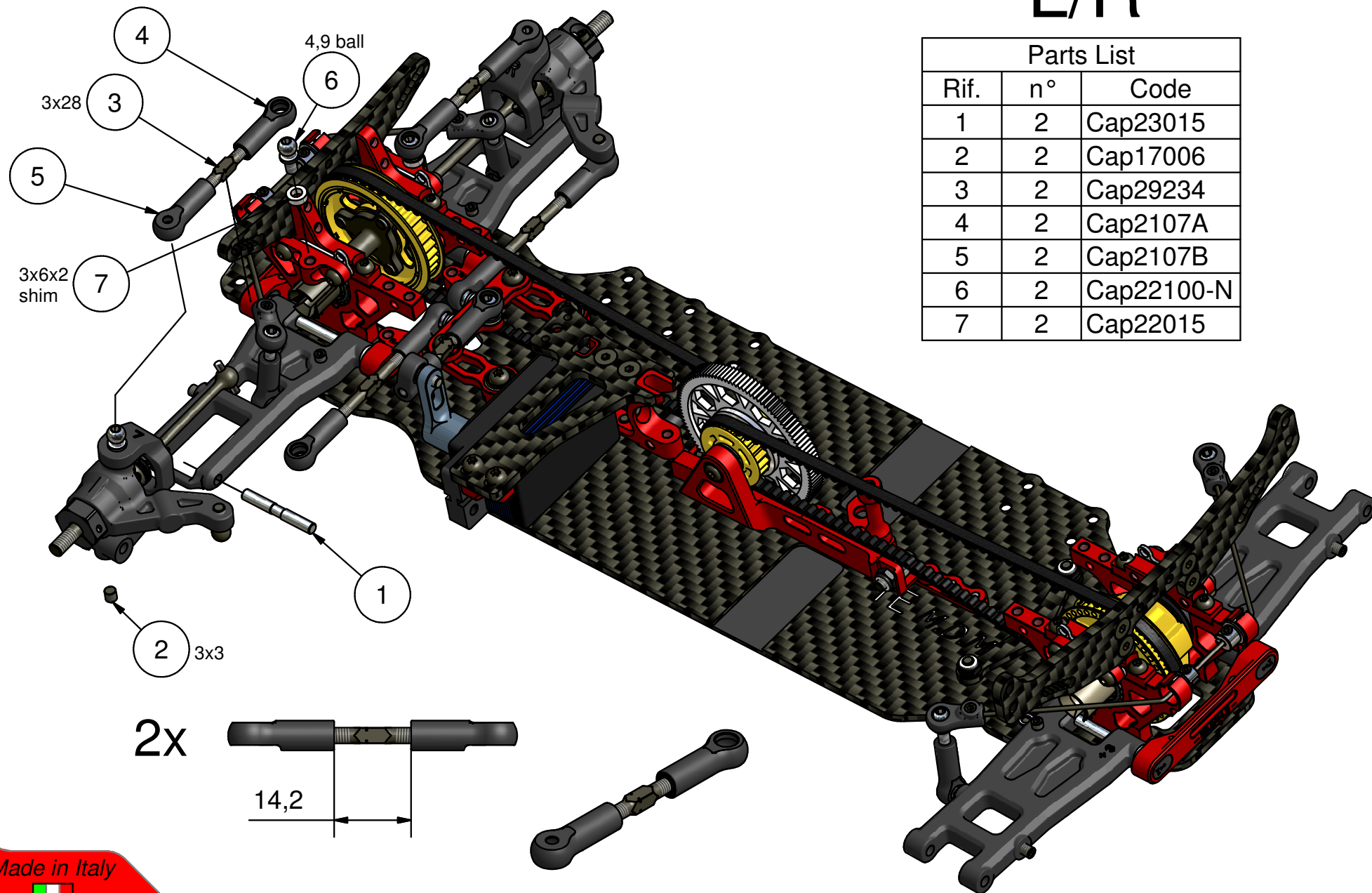
Parts List		
Rif.	n°	Code
1	1	Cap29246
2	1	Cap22101-N
3	1	Cap22015
4	2	Cap 415
5	1	Cap23002
6	1	Cap22821
7	1	Cap23005
8	2	Cap17015
9	1	Cap27001
10	1	Cap21030
11	1	Cap22005
12	1	Cap18023

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Step 5.2 - Front Suspension - *Capricorn RC*
BAG 5

L/R

Parts List		
Rif.	n°	Code
1	2	Cap23015
2	2	Cap17006
3	2	Cap29234
4	2	Cap2107A
5	2	Cap2107B
6	2	Cap22100-N
7	2	Cap22015

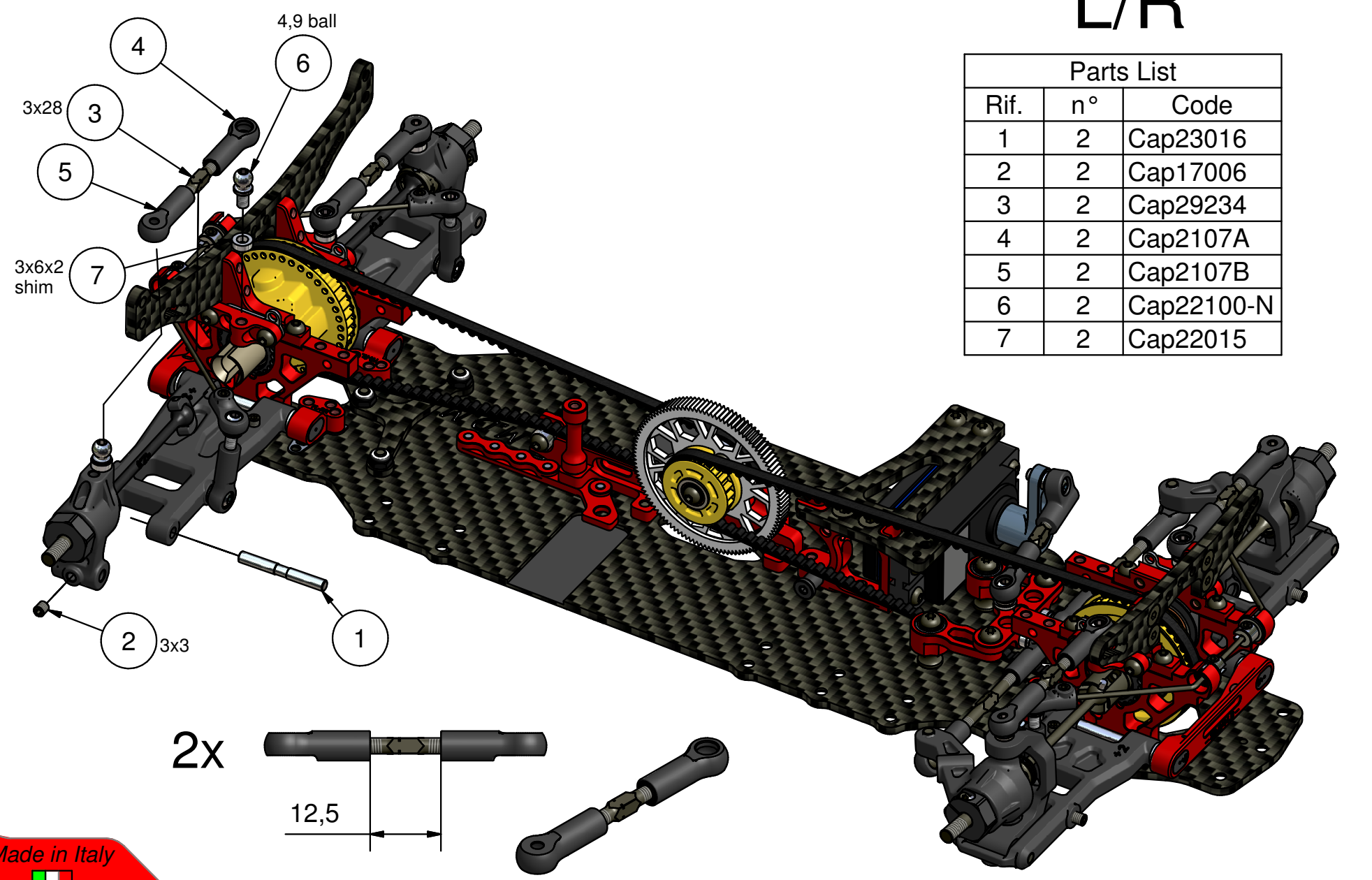


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Step 5.3 - Rear Suspension - *Capricorn RC*
BAG 5

L/R

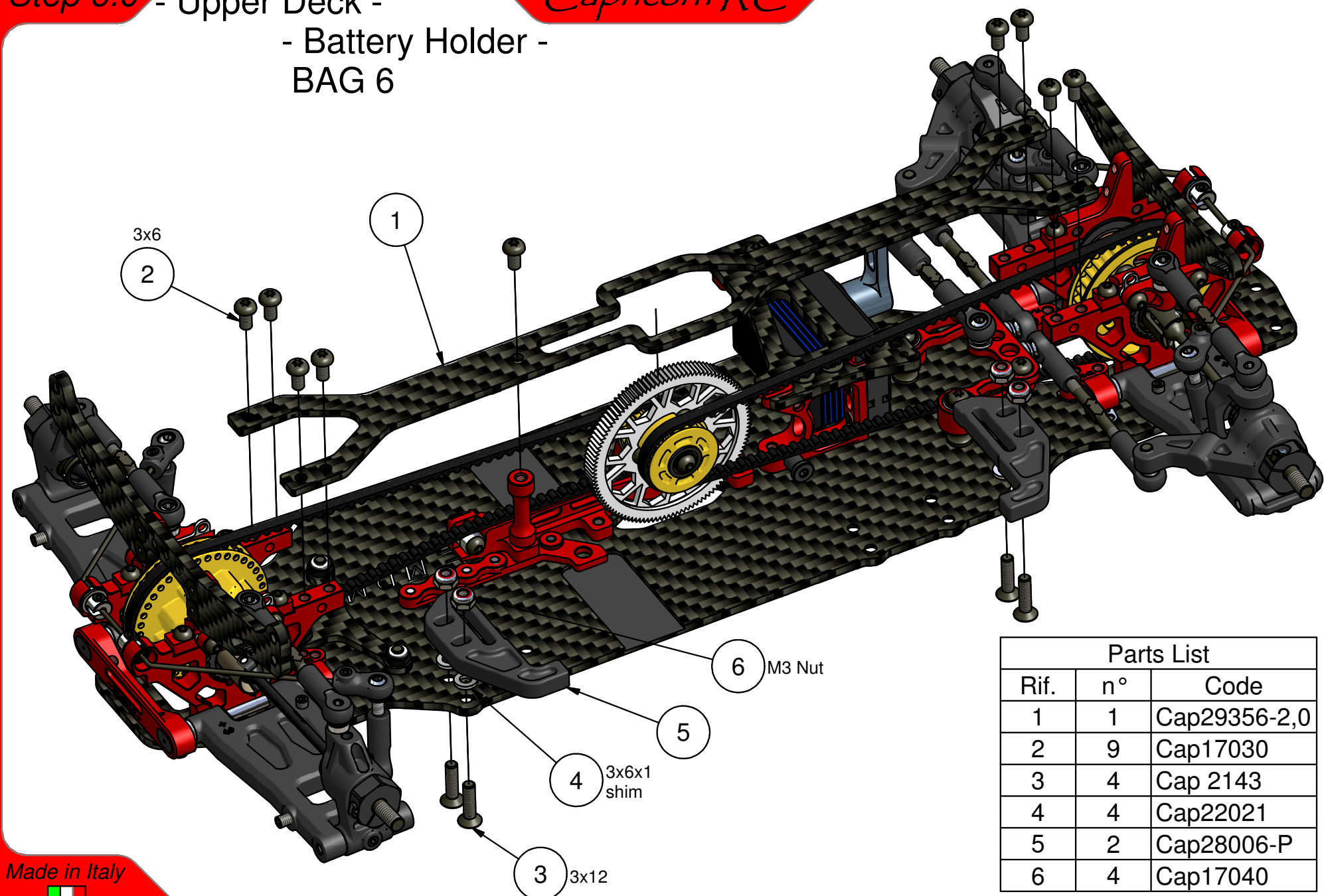
Parts List		
Rif.	n°	Code
1	2	Cap23016
2	2	Cap17006
3	2	Cap29234
4	2	Cap2107A
5	2	Cap2107B
6	2	Cap22100-N
7	2	Cap22015



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Step 6.0 - Upper Deck - *Capricorn RC*

- Battery Holder -
- BAG 6

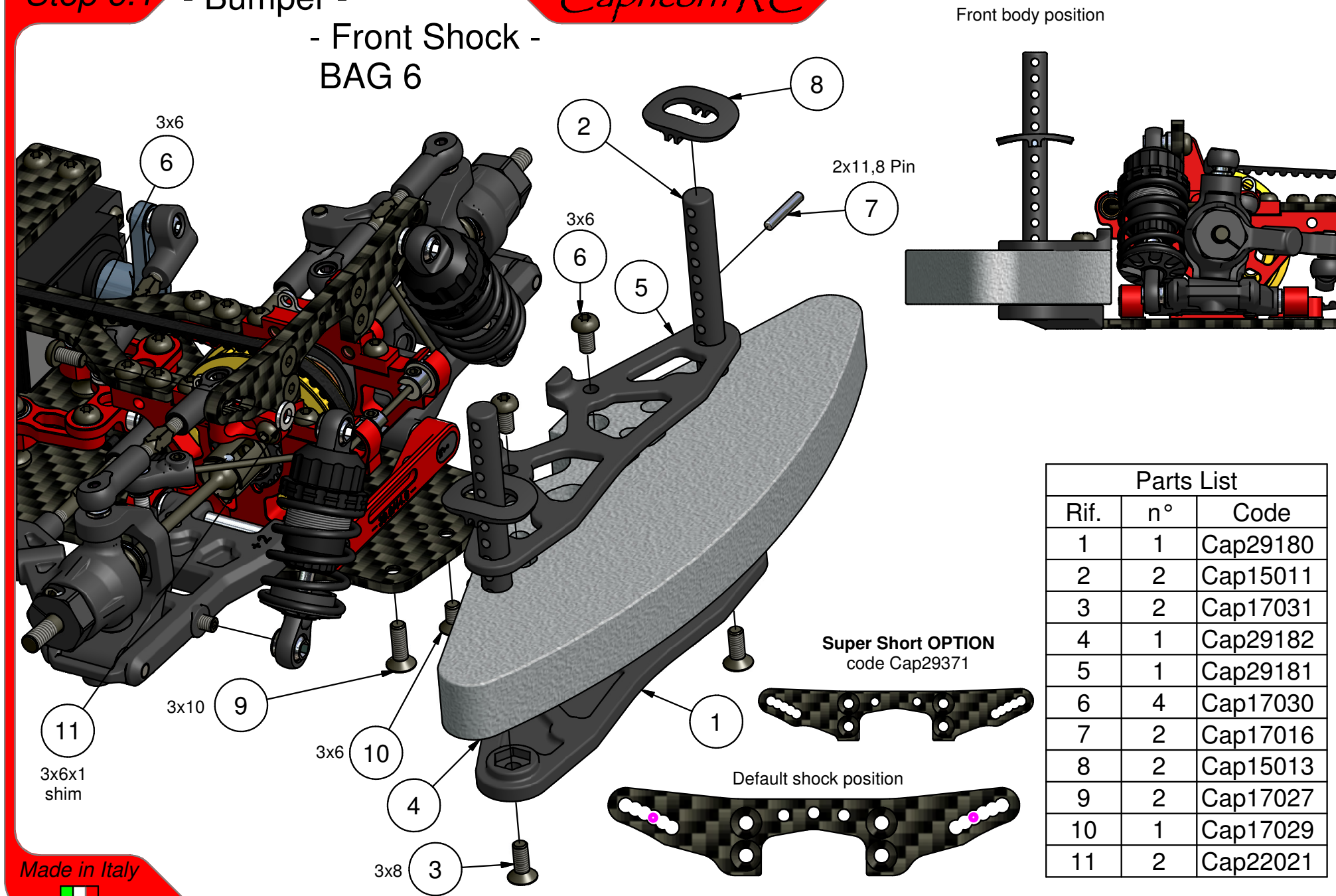


Rif.	n°	Code
1	1	Cap29356-2,0
2	9	Cap17030
3	4	Cap 2143
4	4	Cap22021
5	2	Cap28006-P
6	4	Cap17040

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Step 6.1 - Bumper - *Capricorn RC*

- Front Shock -
- BAG 6

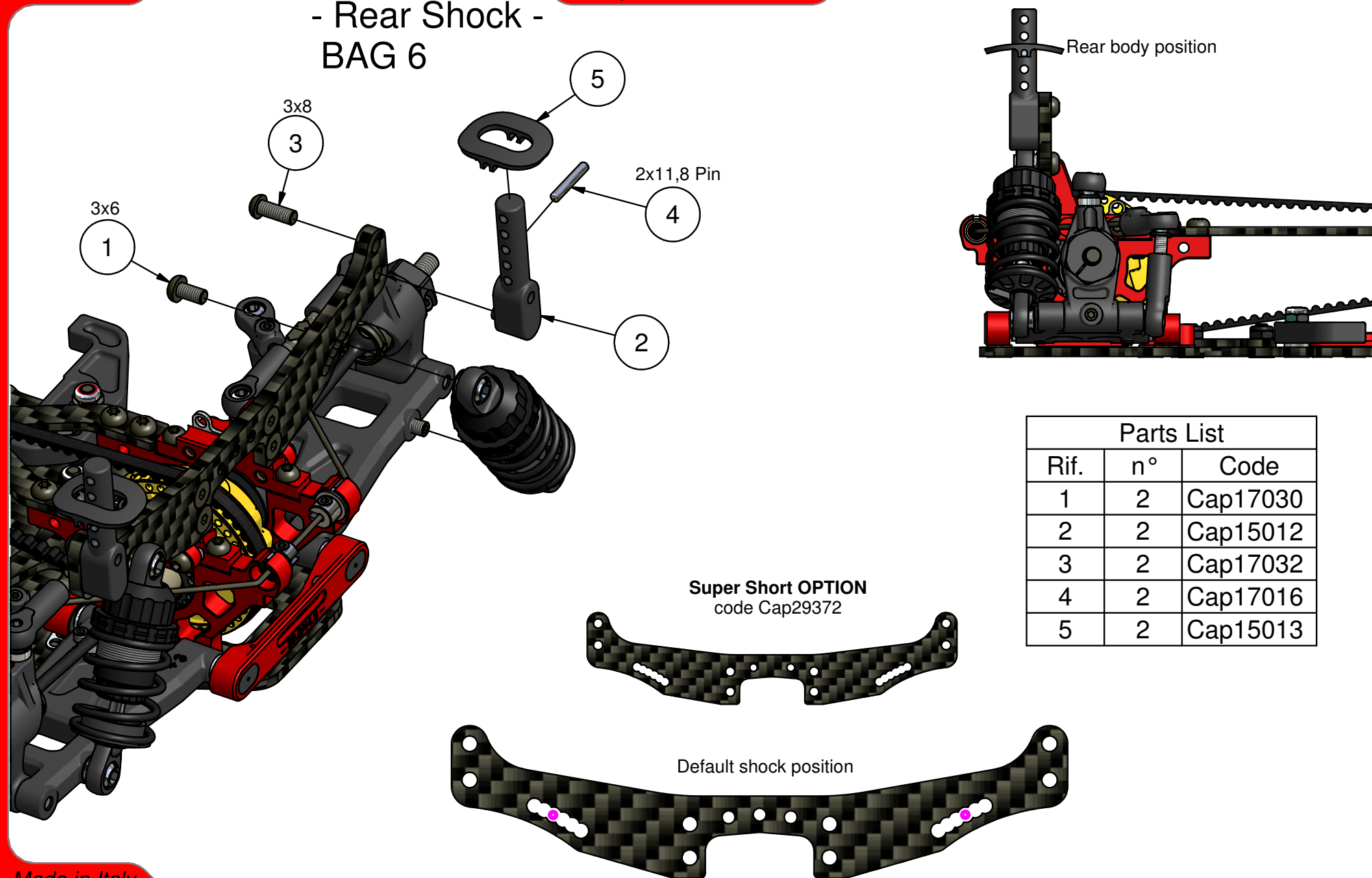


Rif.	n°	Code
1	1	Cap29180
2	2	Cap15011
3	2	Cap17031
4	1	Cap29182
5	1	Cap29181
6	4	Cap17030
7	2	Cap17016
8	2	Cap15013
9	2	Cap17027
10	1	Cap17029
11	2	Cap22021

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Step 6.2 - Body Holder - *Capricorn RC*

- Rear Shock -
- BAG 6

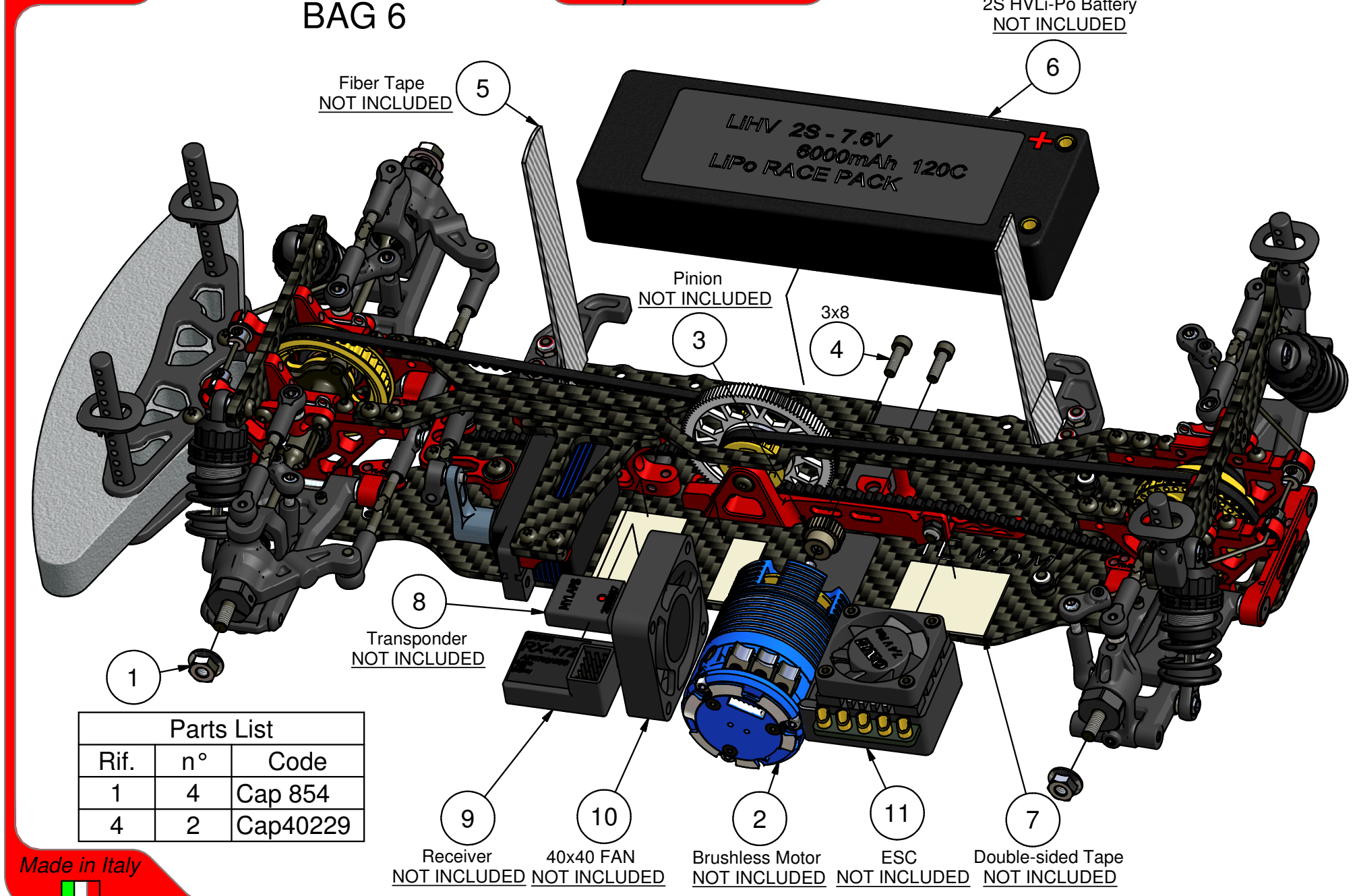


Rif.	n°	Code
1	2	Cap17030
2	2	Cap15012
3	2	Cap17032
4	2	Cap17016
5	2	Cap15013

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Step 6.3 - Electronics - *Capricorn RC*

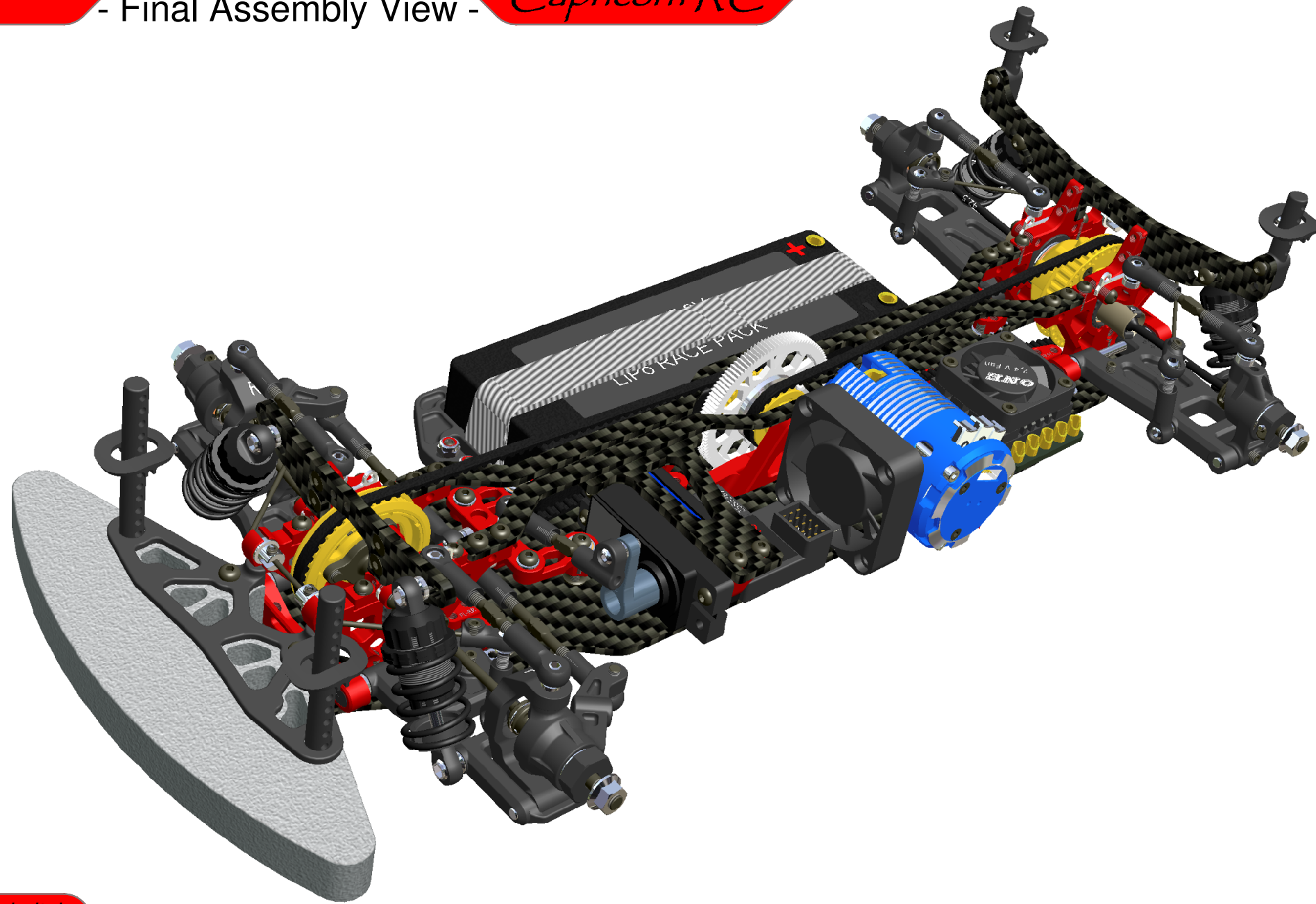
- Electronics -
- BAG 6



Rif.	n°	Code
1	4	Cap 854
4	2	Cap40229

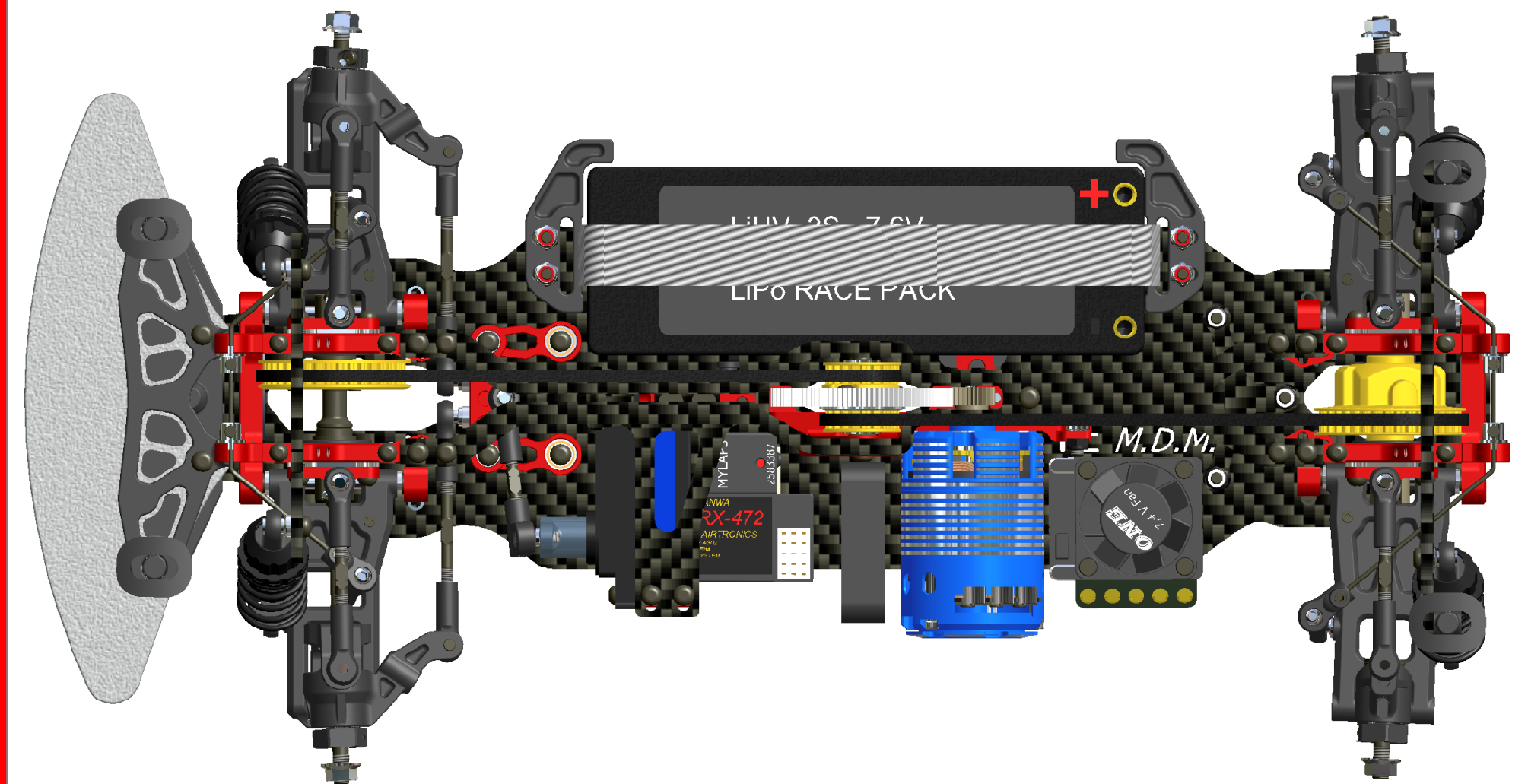
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- Final Assembly View - *Capricorn RC*



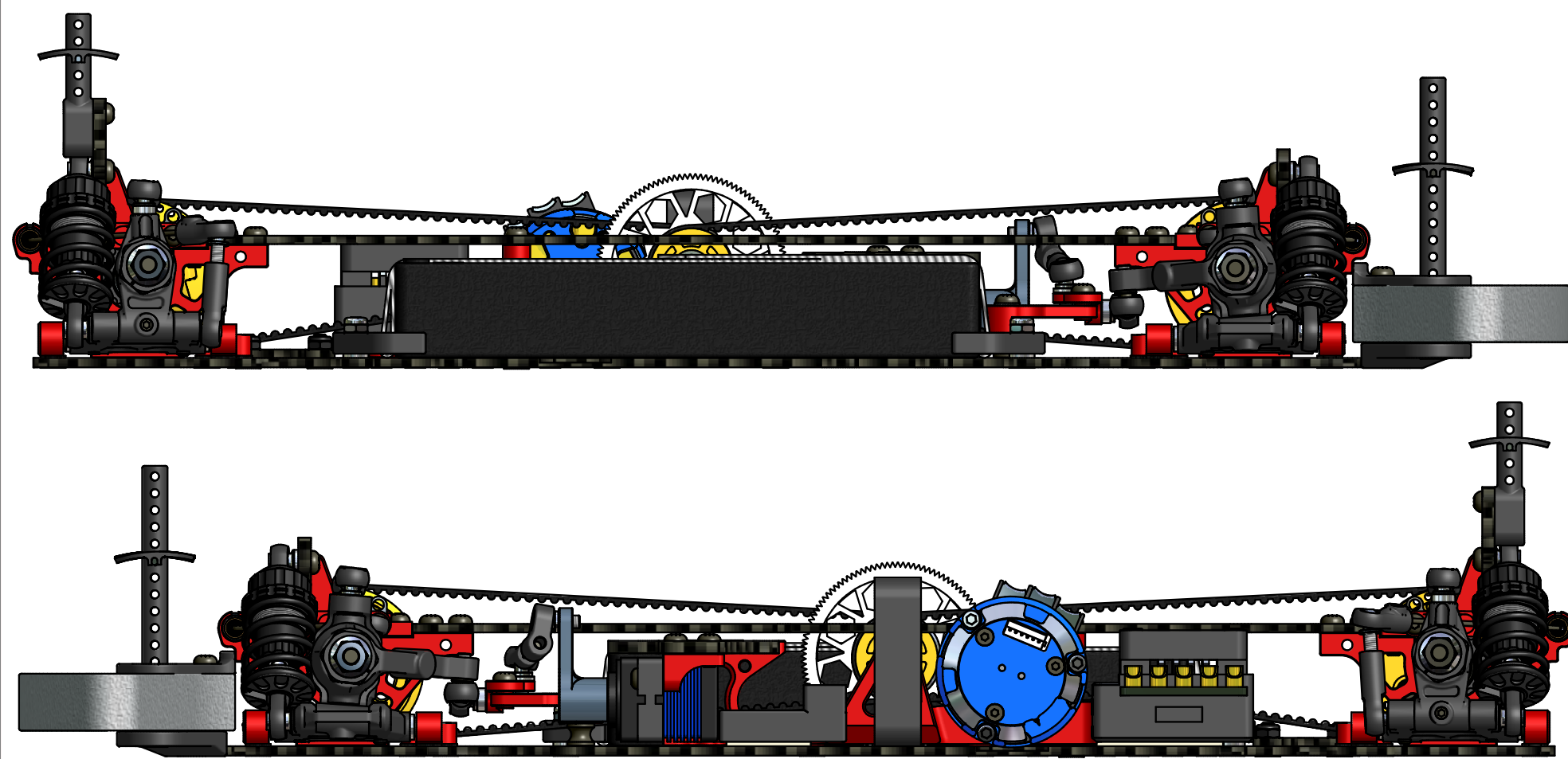
Made in Italy

- Final Assembly View - *Capricorn RC*



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- Final Assembly View - *Capricorn RC*



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- Gear RATIO - *Capricorn RC*

RATIO	SPUR GEAR																				
	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114
23	7,765	7,848	7,930	8,013	8,096	8,178	8,261	8,343	8,426	8,509	8,591	8,674	8,757	8,839	8,922	9,004	9,087	9,170	9,252	9,335	9,417
24	7,442	7,521	7,600	7,679	7,758	7,838	7,917	7,996	8,075	8,154	8,233	8,313	8,392	8,471	8,550	8,629	8,708	8,788	8,867	8,946	9,025
25	7,144	7,220	7,296	7,372	7,448	7,524	7,600	7,676	7,752	7,828	7,904	7,980	8,056	8,132	8,208	8,284	8,360	8,436	8,512	8,588	8,664
26	6,869	6,942	7,015	7,088	7,162	7,235	7,308	7,381	7,454	7,527	7,600	7,673	7,746	7,819	7,892	7,965	8,038	8,112	8,185	8,258	8,331
27	6,615	6,685	6,756	6,826	6,896	6,967	7,037	7,107	7,178	7,248	7,319	7,389	7,459	7,530	7,600	7,670	7,741	7,811	7,881	7,952	8,022
28	6,379	6,446	6,514	6,582	6,650	6,718	6,786	6,854	6,921	6,989	7,057	7,125	7,193	7,261	7,329	7,396	7,464	7,532	7,600	7,668	7,736
29	6,159	6,224	6,290	6,355	6,421	6,486	6,552	6,617	6,683	6,748	6,814	6,879	6,945	7,010	7,076	7,141	7,207	7,272	7,338	7,403	7,469
30	5,953	6,017	6,080	6,143	6,207	6,270	6,333	6,397	6,460	6,523	6,587	6,650	6,713	6,777	6,840	6,903	6,967	7,030	7,093	7,157	7,220
31	5,761	5,823	5,884	5,945	6,006	6,068	6,129	6,190	6,252	6,313	6,374	6,435	6,497	6,558	6,619	6,681	6,742	6,803	6,865	6,926	6,987
32	5,581	5,641	5,700	5,759	5,819	5,878	5,938	5,997	6,056	6,116	6,175	6,234	6,294	6,353	6,413	6,472	6,531	6,591	6,650	6,709	6,769
33	5,412	5,470	5,527	5,585	5,642	5,700	5,758	5,815	5,873	5,930	5,988	6,045	6,103	6,161	6,218	6,276	6,333	6,391	6,448	6,506	6,564
34	5,253	5,309	5,365	5,421	5,476	5,532	5,588	5,644	5,700	5,756	5,812	5,868	5,924	5,979	6,035	6,091	6,147	6,203	6,259	6,315	6,371
35	5,103	5,157	5,211	5,266	5,320	5,374	5,429	5,483	5,537	5,591	5,646	5,700	5,754	5,809	5,863	5,917	5,971	6,026	6,080	6,134	6,189
36	4,961	5,014	5,067	5,119	5,172	5,225	5,278	5,331	5,383	5,436	5,489	5,542	5,594	5,647	5,700	5,753	5,806	5,858	5,911	5,964	6,017
37	4,827	4,878	4,930	4,981	5,032	5,084	5,135	5,186	5,238	5,289	5,341	5,392	5,443	5,495	5,546	5,597	5,649	5,700	5,751	5,803	5,854
38	4,700	4,750	4,800	4,850	4,900	4,950	5,000	5,050	5,100	5,150	5,200	5,250	5,300	5,350	5,400	5,450	5,500	5,550	5,600	5,650	5,700
39	4,579	4,628	4,677	4,726	4,774	4,823	4,872	4,921	4,969	5,018	5,067	5,115	5,164	5,213	5,262	5,310	5,359	5,408	5,456	5,505	5,554
40	4,465	4,513	4,560	4,608	4,655	4,703	4,750	4,798	4,845	4,893	4,940	4,988	5,035	5,083	5,130	5,178	5,225	5,273	5,320	5,368	5,415
41	4,356	4,402	4,449	4,495	4,541	4,588	4,634	4,680	4,727	4,773	4,820	4,866	4,912	4,959	5,005	5,051	5,098	5,144	5,190	5,237	5,283
42	4,252	4,298	4,343	4,388	4,433	4,479	4,524	4,569	4,614	4,660	4,705	4,750	4,795	4,840	4,886	4,931	4,976	5,021	5,067	5,112	5,157
43	4,153	4,198	4,242	4,286	4,330	4,374	4,419	4,463	4,507	4,551	4,595	4,640	4,684	4,728	4,772	4,816	4,860	4,905	4,949	4,993	5,037
44	4,059	4,102	4,145	4,189	4,232	4,275	4,318	4,361	4,405	4,448	4,491	4,534	4,577	4,620	4,664	4,707	4,750	4,793	4,836	4,880	4,923
45	3,969	4,011	4,053	4,096	4,138	4,180	4,222	4,264	4,307	4,349	4,391	4,433	4,476	4,518	4,560	4,602	4,644	4,687	4,729	4,771	4,813
46	3,883	3,924	3,965	4,007	4,048	4,089	4,130	4,172	4,213	4,254	4,296	4,337	4,378	4,420	4,461	4,502	4,543	4,585	4,626	4,667	4,709
47	3,800	3,840	3,881	3,921	3,962	4,002	4,043	4,083	4,123	4,164	4,204	4,245	4,285	4,326	4,366	4,406	4,447	4,487	4,528	4,568	4,609
48	3,721	3,760	3,800	3,840	3,879	3,919	3,958	3,998	4,038	4,077	4,117	4,156	4,196	4,235	4,275	4,315	4,354	4,394	4,433	4,473	4,513
49	3,645	3,684	3,722	3,761	3,800	3,839	3,878	3,916	3,955	3,994	4,033	4,071	4,110	4,149	4,188	4,227	4,265	4,304	4,343	4,382	4,420
50	3,572	3,610	3,648	3,686	3,724	3,762	3,800	3,838	3,876	3,914	3,952	3,990	4,028	4,066	4,104	4,142	4,180	4,218	4,256	4,294	4,332

Made in Italy

- Default Set-Up Sheet - *Capricorn RC*

Yes <input type="checkbox"/>	Front	Rear	Yes <input type="checkbox"/>
No <input checked="" type="checkbox"/>			No <input checked="" type="checkbox"/>

Race

Track

Name

City / Country

Date

Air Temp. Track Temp.

Qualifying Best LAP Final Position Race Length

TRACK CONDITION Carpet Asphalt

Technical Mixed Fast

TRACTION Low Medium High

FRONT **REAR**

GEAR DIFF. CST 3.000 CST

SPOOL HIGH LOW HIGH LOW

GEAR NUMBER 2 4 2 4

PINION SPUR GEAR 112

INT. RATIO 1,9 DRIVE RATIO

FRONT **REAR**

OIL 350 CST HOLE 2 3 4 350 CST

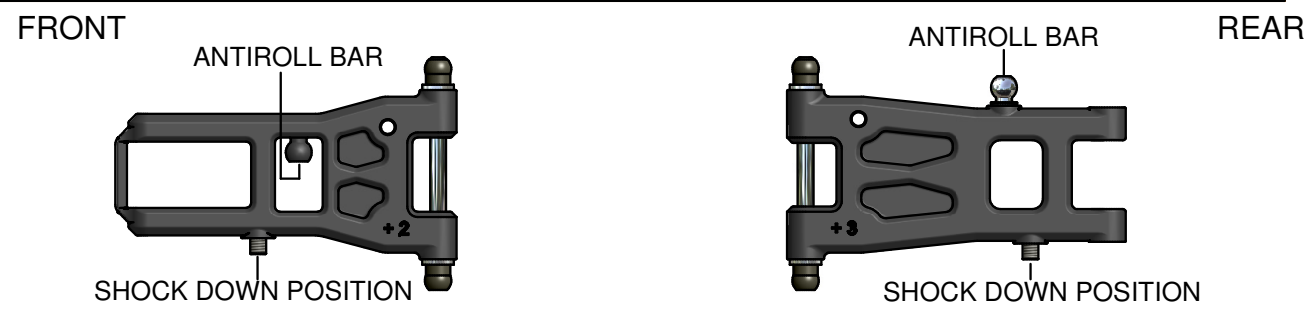
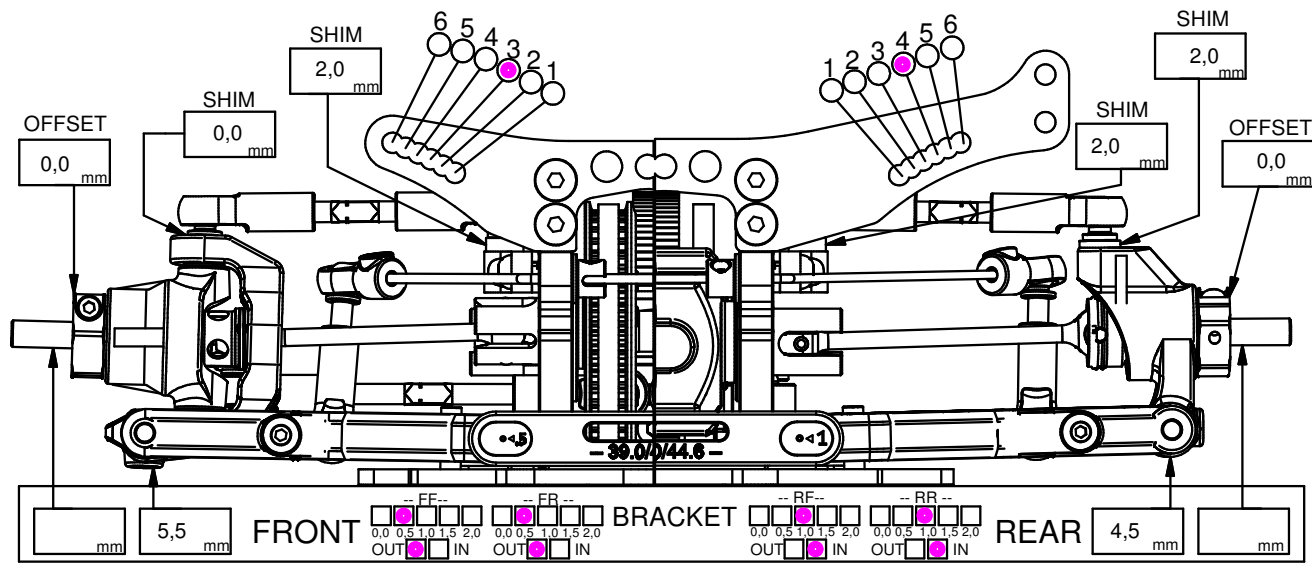
SPRING ORANGE SPRING ORANGE

TIRES

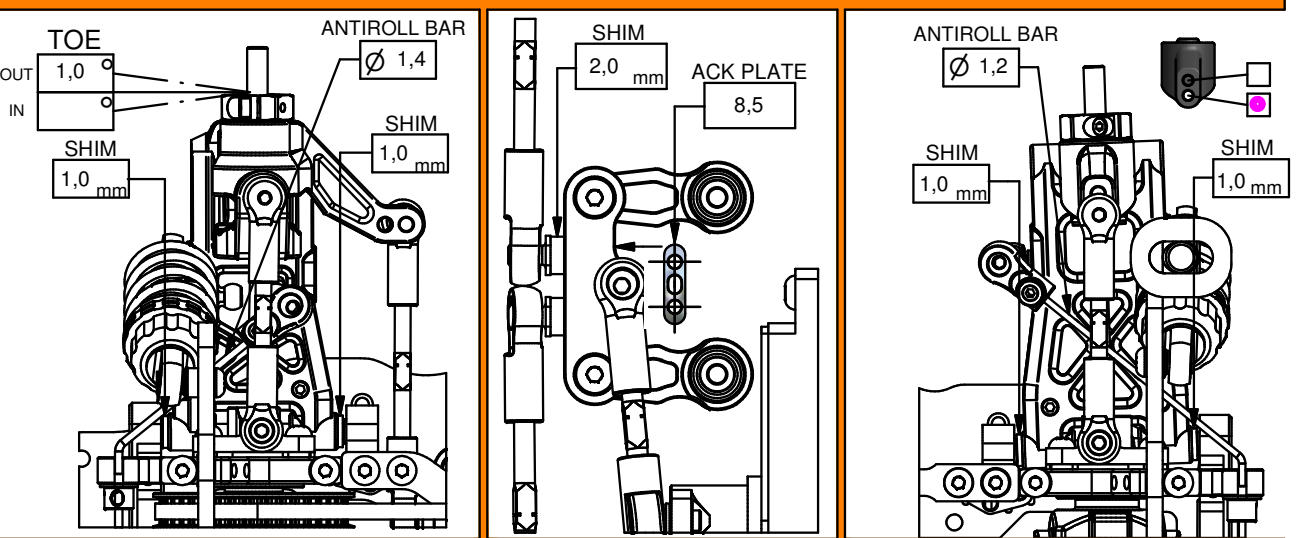
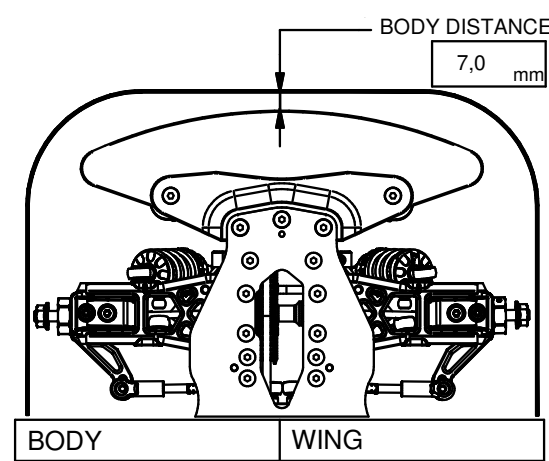
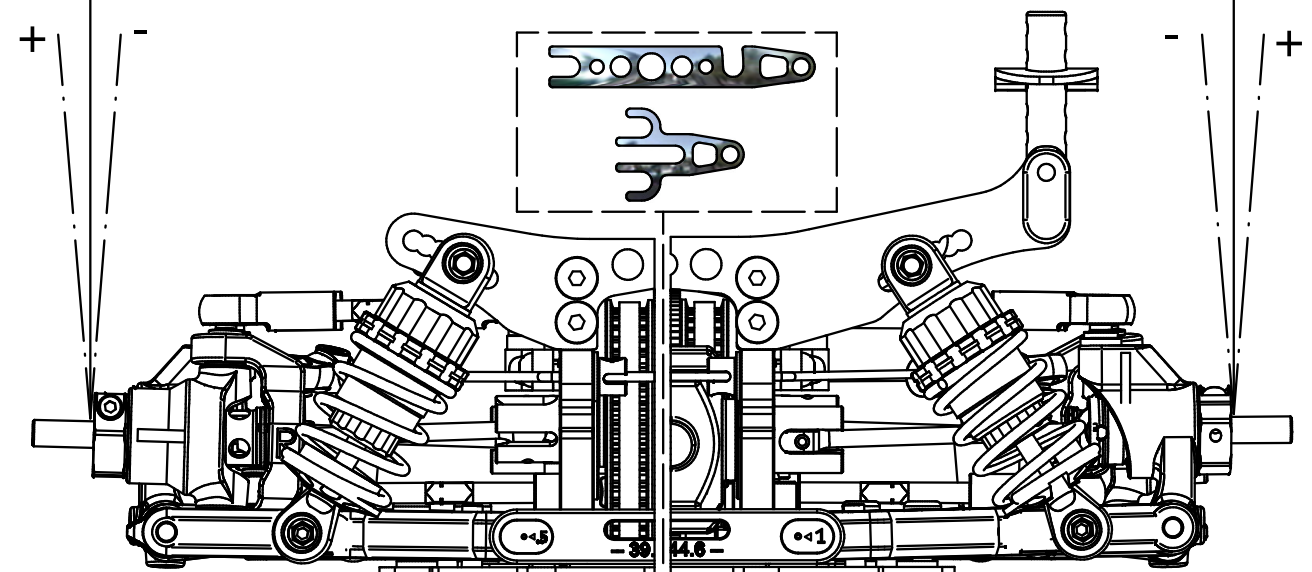
RIM

ADDITIVE

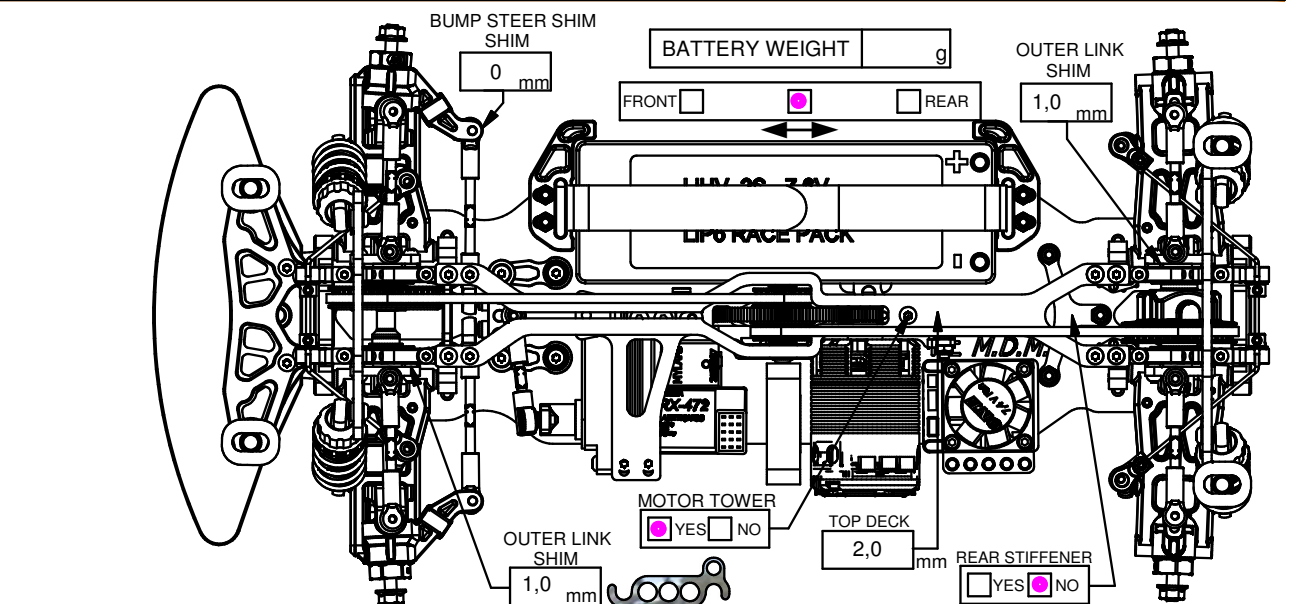
SHASSIS TYPE Carbon Aluminium ATS ATS SHIM



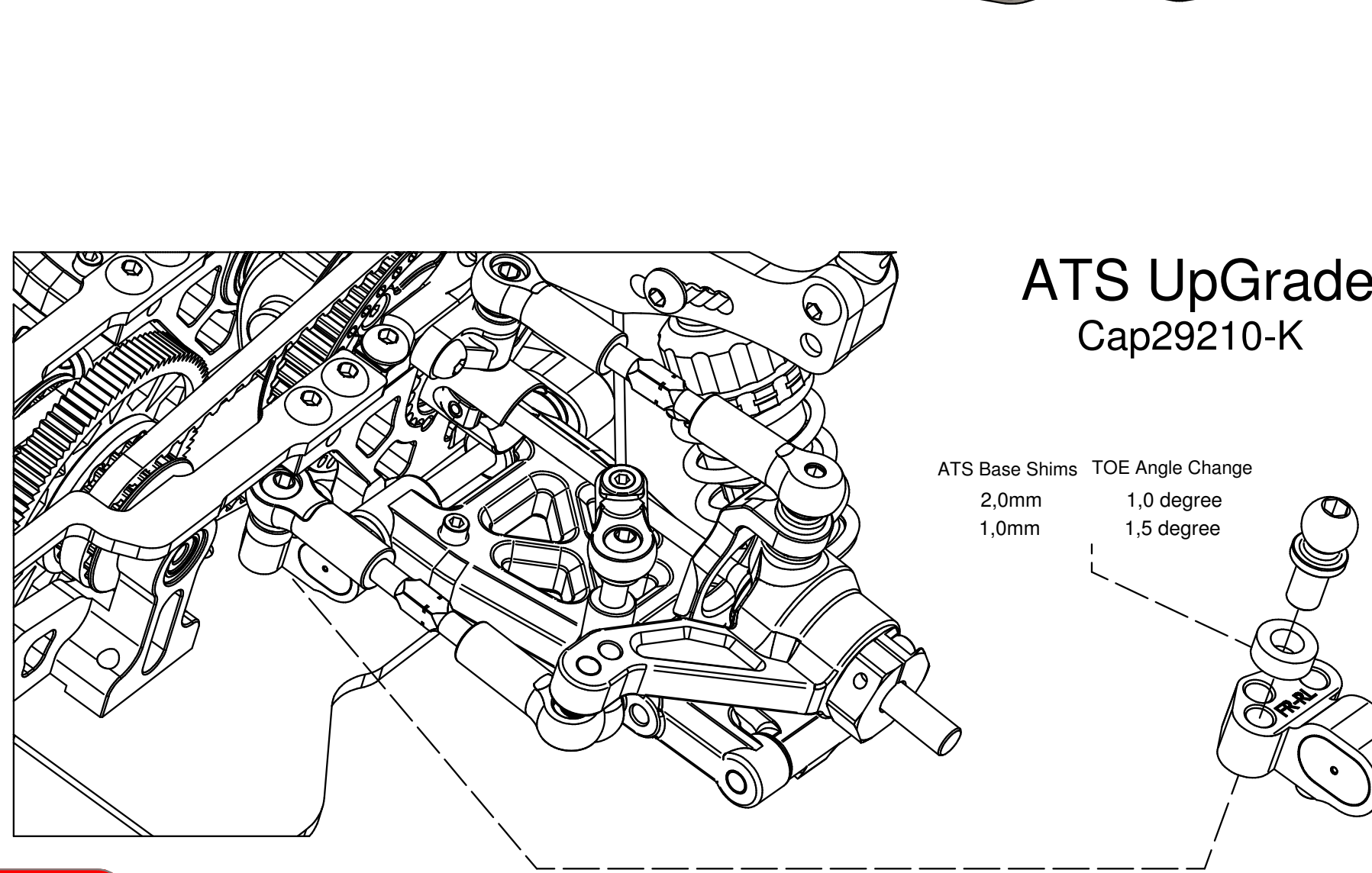
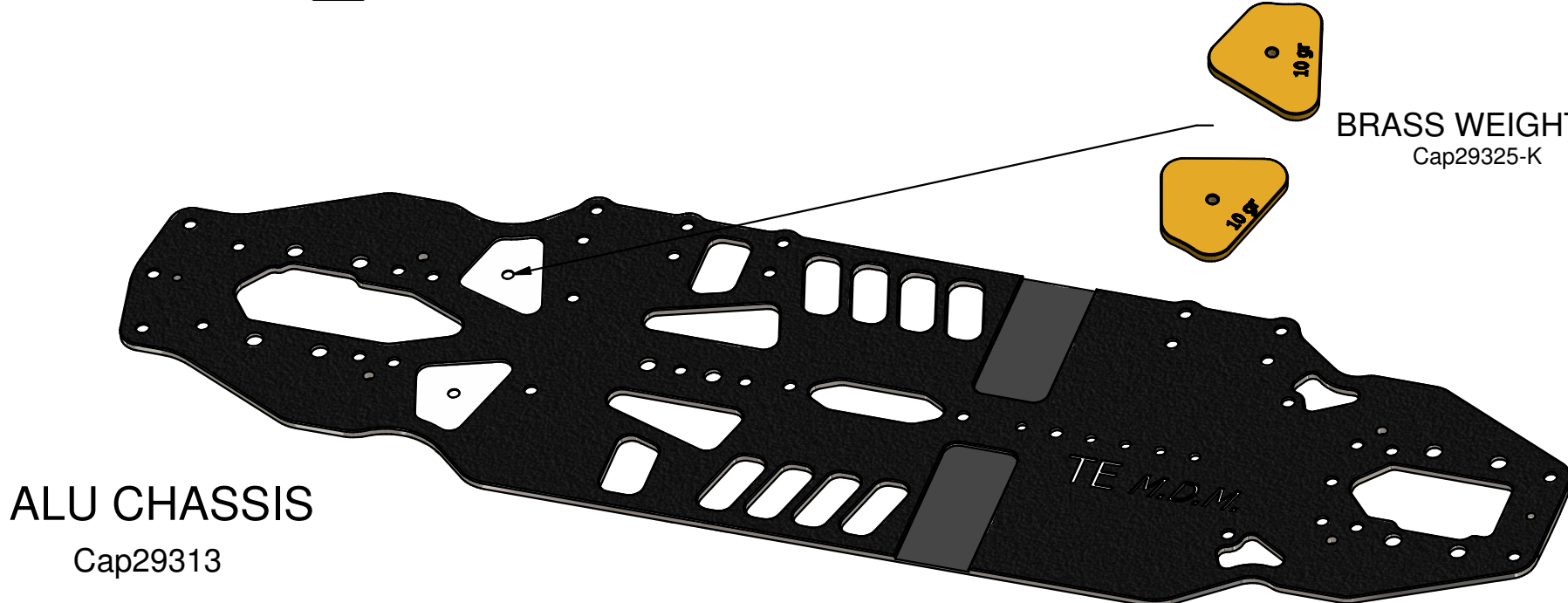
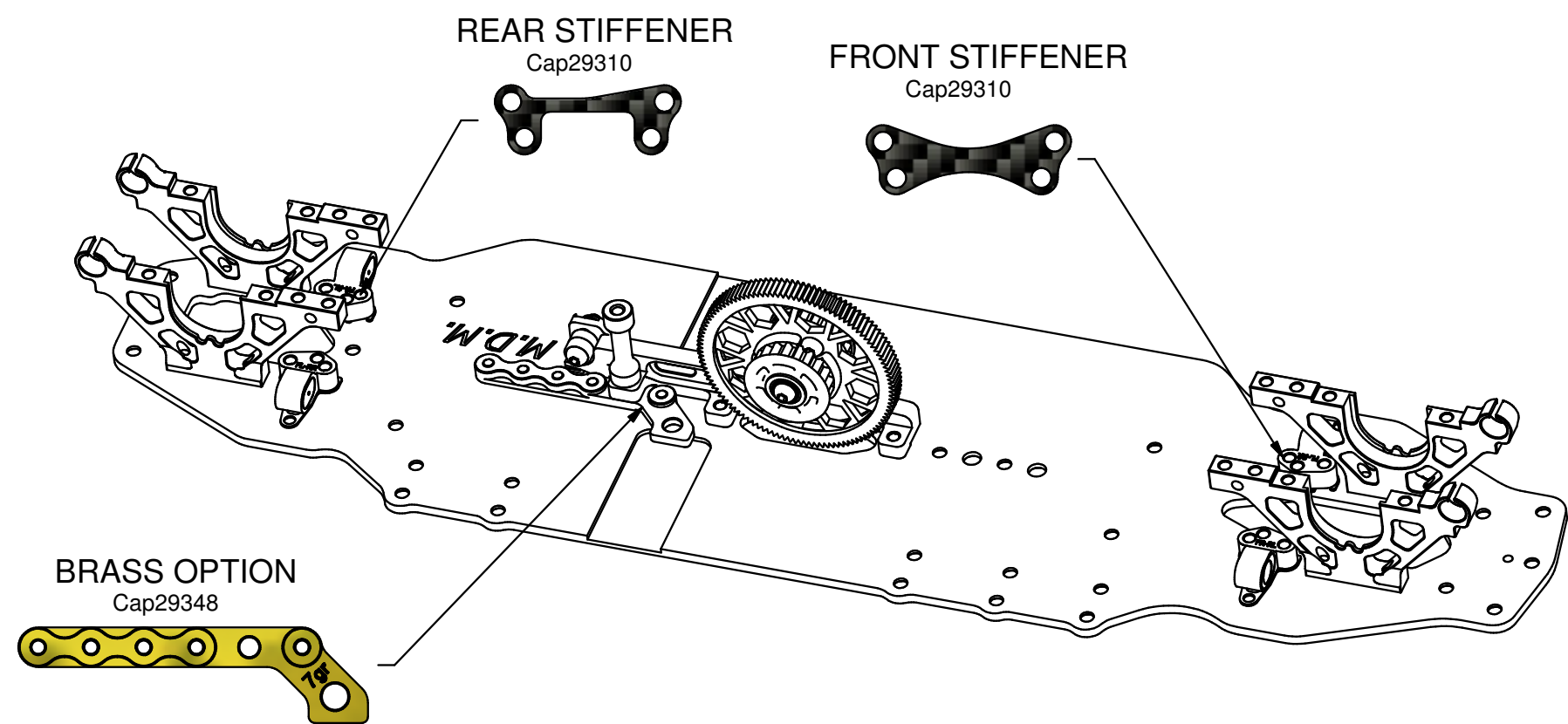
CAMBER 1,5 2,0



NOTE



OPTION PARTS *Capricorn RC*



ATS Base Shims TOE Angle Change

2,0mm	1,0 degree
1,0mm	1,5 degree

Yes No   Yes No

Race
Track
Name
City / Country
Date

Air Temp. Track Temp.
Qualifying Best LAP Final Position Race Length

TRACK CONDITION Carpet Asphalt
 Technical Mixed Fast
TRACTION Low Medium High

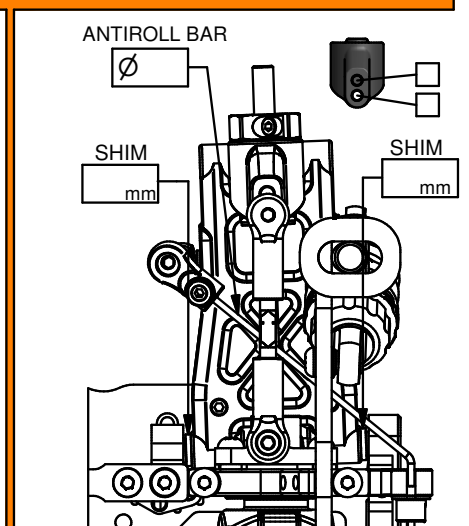
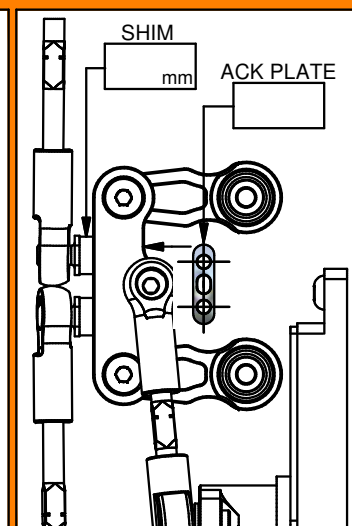
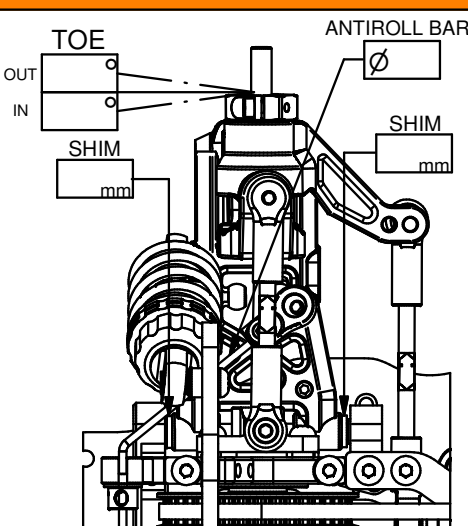
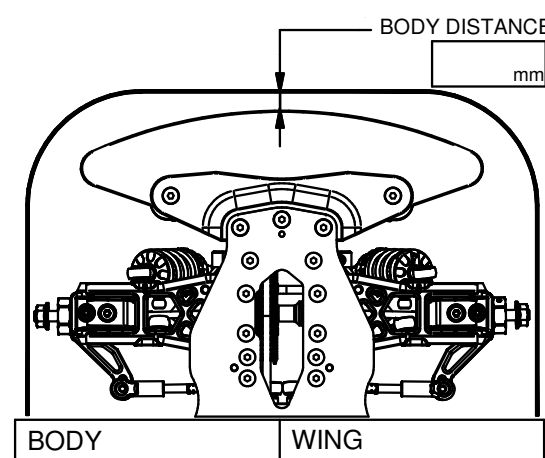
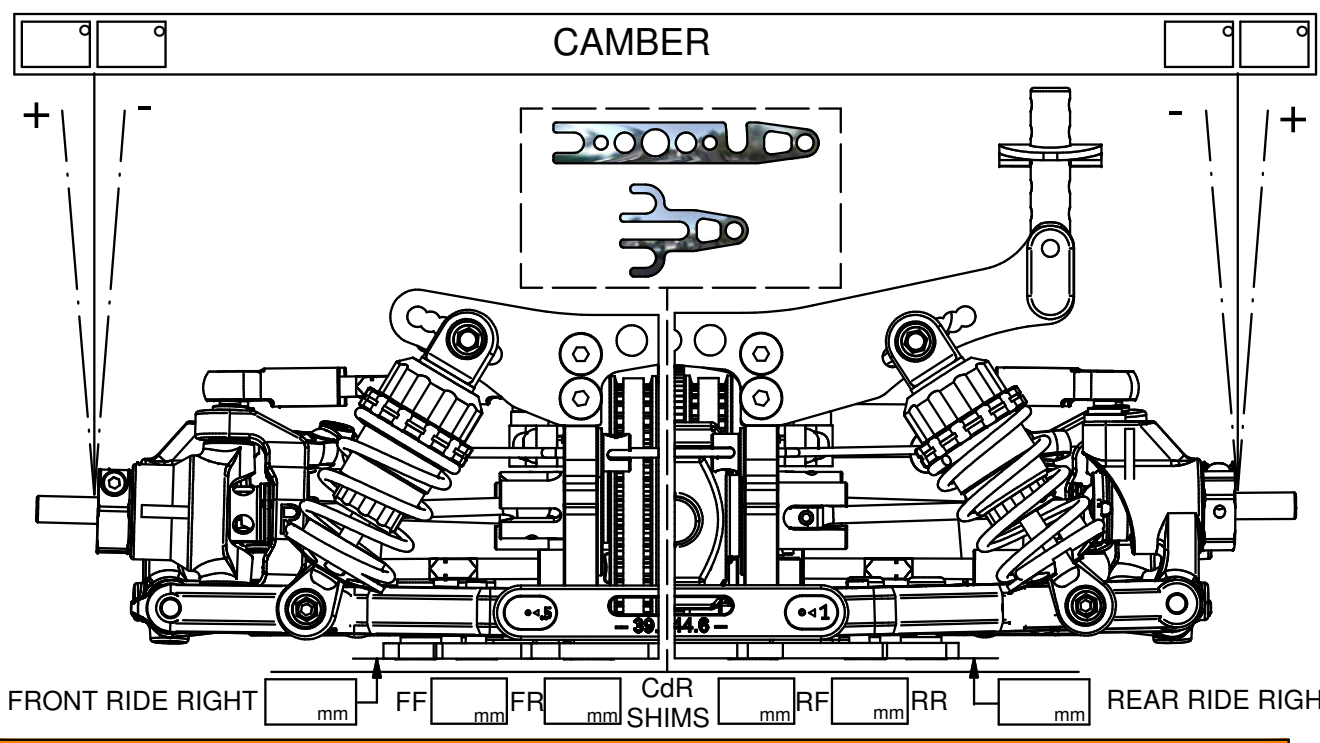
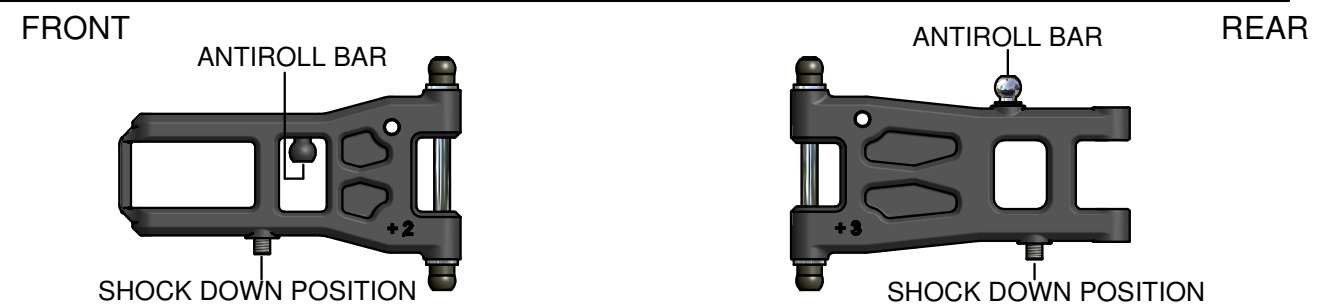
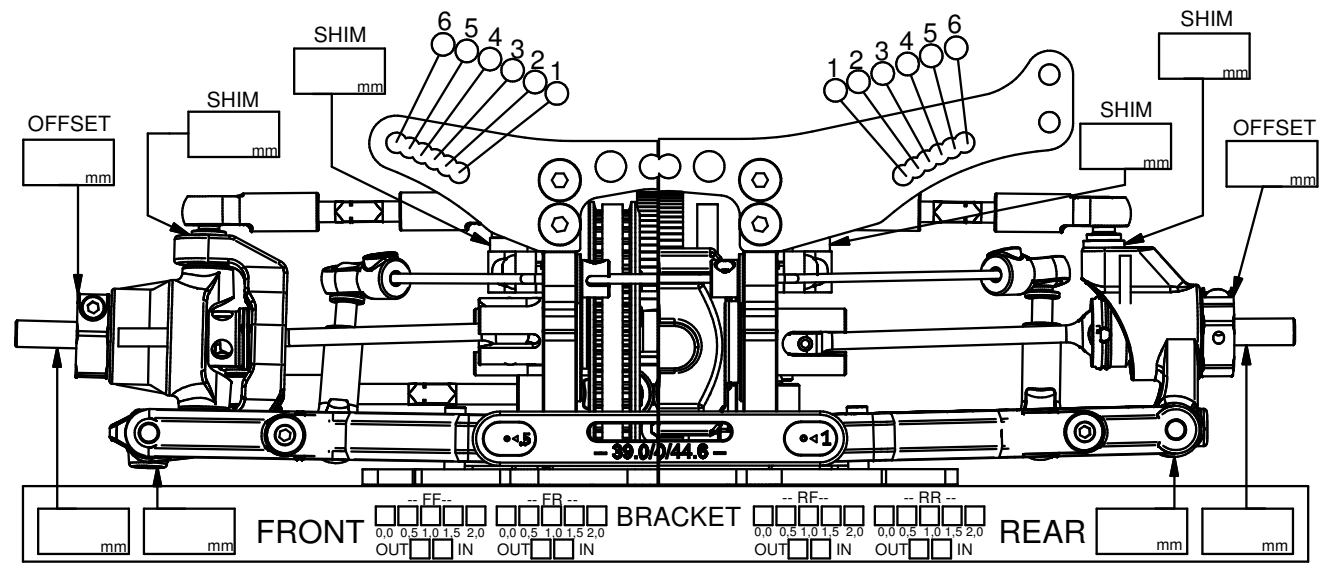
FRONT GEAR DIFF. REAR GEAR DIFF.
CST HIGH LOW
SPOOL HIGH LOW
GEAR NUMBER 2 4

PINION SPUR GEAR
INT. RATIO 1,9 DRIVE RATIO

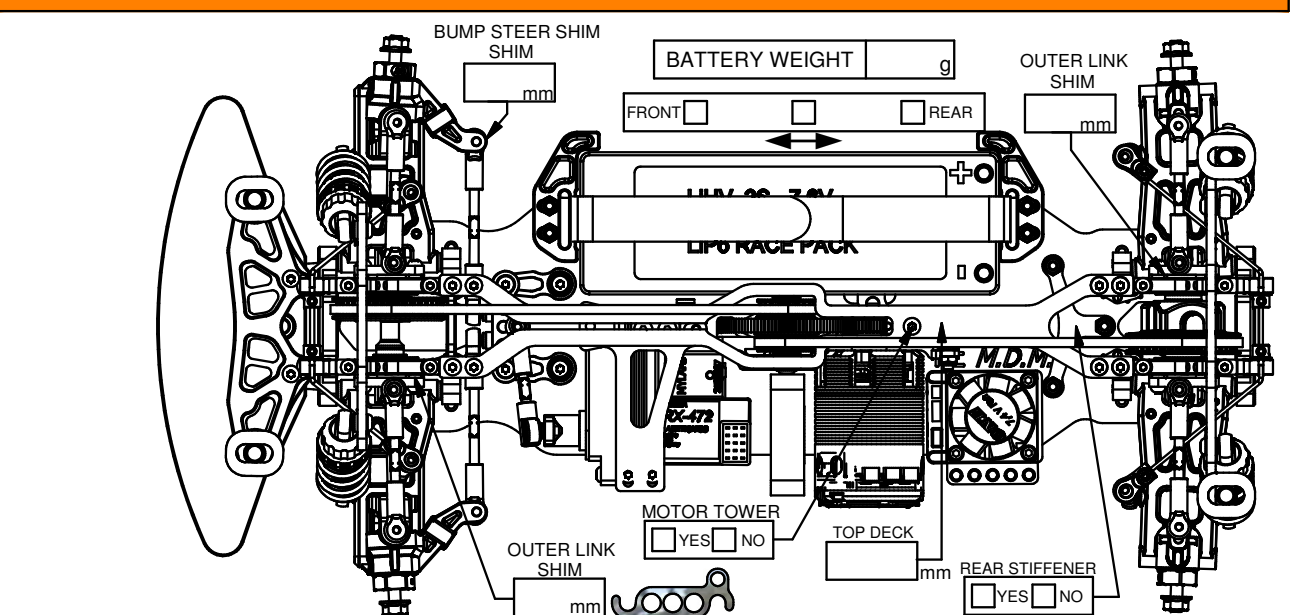
FRONT OIL HOLE REAR OIL
CST 2 3 4
SPRING

TIRES
RIM
ADDITIVE

SHASSIS TYPE Carbon Aluminium ATS ATS SHIM



NOTE




ADDITIONAL NOTES








TE05 INSERT CHART

Front Suspension Block FR										
FF	2 In / 2 In	1,5 In / 1,5 In	1 In / 1 In	0,5 In / 0,5 In	0 / 0	0,5 Out / 0,5 Out	1 Out / 1 Out	1,5 Out / 1,5 Out	2 Out / 2 Out	Pivot Pin Width
										TRACTION
2 In / 2 In	0°									39,00
1,5 In / 1,5 In	0,5°	0°								39,70
1 In / 1 In	1°	0,5°	0°							40,40
0,5 In / 0,5 In	1,5°	1°	0,5°	0°						41,10
0 / 0	2°	1,5°	1°	0,5°	0°					41,80
0,5 Out / 0,5 Out	2,5°	2°	1,5°	1°	0,5°	0°				42,50
1 Out / 1 Out	3°	2,5°	2°	1,5°	1°	0,5°	0°			43,20
1,5 Out / 1,5 Out	3,5°	3°	2,5°	2°	1,5°	1°	0,5°	0°		43,90
2 Out / 2 Out	4°	3,5°	3°	2,5°	2°	1,5°	1°	0,5°	0°	44,60
Show Front TOE-Out degree 0°= parallel (Default Set-Up)										RESPONSE
REAR Suspension Block RF										
RR	2 In / 2 In	1,5 In / 1,5 In	1 In / 1 In	0,5 In / 0,5 In	0 / 0	0,5 Out / 0,5 Out	1 Out / 1 Out	1,5 Out / 1,5 Out	2 Out / 2 Out	Pivot Pin Width
										TRACTION
2 In / 2 In	2°	1,5°	1°	0,5°	0°					39,00
1,5 In / 1,5 In	2,5°	2°	1,5°	1°	0,5°	0°				39,70
1 In / 1 In	3°	2,5°	2°	1,5°	1°	0,5°	0°			40,40
0,5 In / 0,5 In	3,5°	3°	2,5°	2°	1,5°	1°	0,5°	0°		41,10
0 / 0	4°	3,5°	3°	2,5°	2°	1,5°	1°	0,5°	0°	41,80
0,5 Out / 0,5 Out	4,5°	4°	3,5°	3°	2,5°	2°	1,5°	1°	0,5°	42,50
1 Out / 1 Out	5°	4,5°	4°	3,5°	3°	2,5°	2°	1,5°	1°	43,20
1,5 Out / 1,5 Out	5,5°	5°	4,5°	4°	3,5°	3°	2,5°	2°	1,5°	43,90
2 Out / 2 Out	6°	5,5°	5°	4,5°	4°	3,5°	3°	2,5°	2°	44,60
Show Rear TOE-In degree 2° Default Set-Up 0°= parallel (ATS Set-Up)										RESPONSE

- Option Parts -


SOFT



0,22		Cap29176
0,24		Cap29175
0,25		Cap18106
0,26		Cap29174
0,27		Cap18107
0,28		Cap29173
0,30		Cap29172

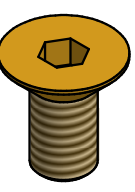
HARD

M3 Aluminium screws




M3x4mm	cod. Cap29266
M3x5mm	cod. Cap29267
M3x6mm	cod. Cap29268
M3x8mm	cod. Cap29269
M3x10mm	cod. Cap29270
M3x12mm	cod. Cap29271
M3x14mm	cod. Cap29272
M3x16mm	cod. Cap29273


M3 Aluminium screws



M3x5mm	cod. One29276
M3x6mm	cod. One29277
M3x8mm	cod. One29278
M3x10mm	cod. One29279

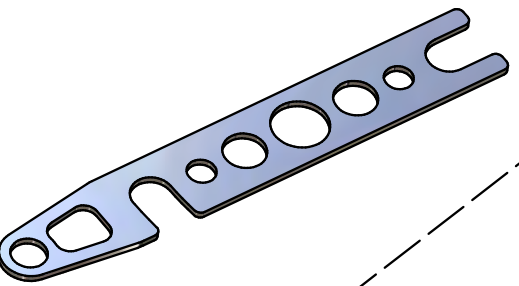


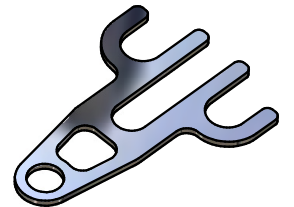
cod. Cap29309-K



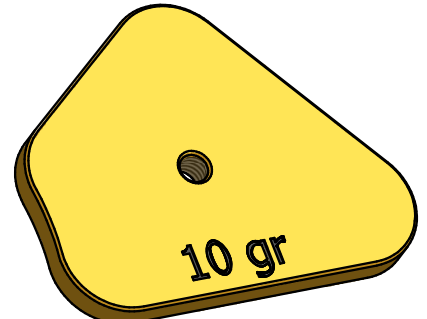
cod. Cap29310-K

0,25mm cod. Cap29292-0,25

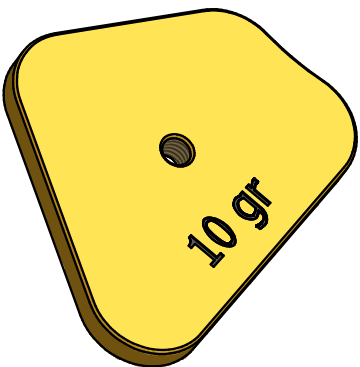




0,25mm cod. Cap29293-0,25




10 gr

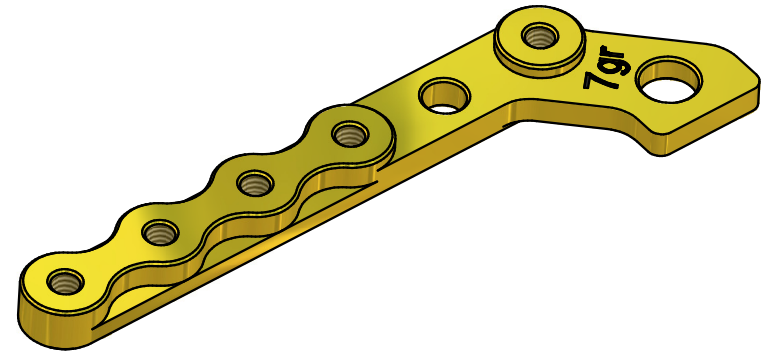


10 gr

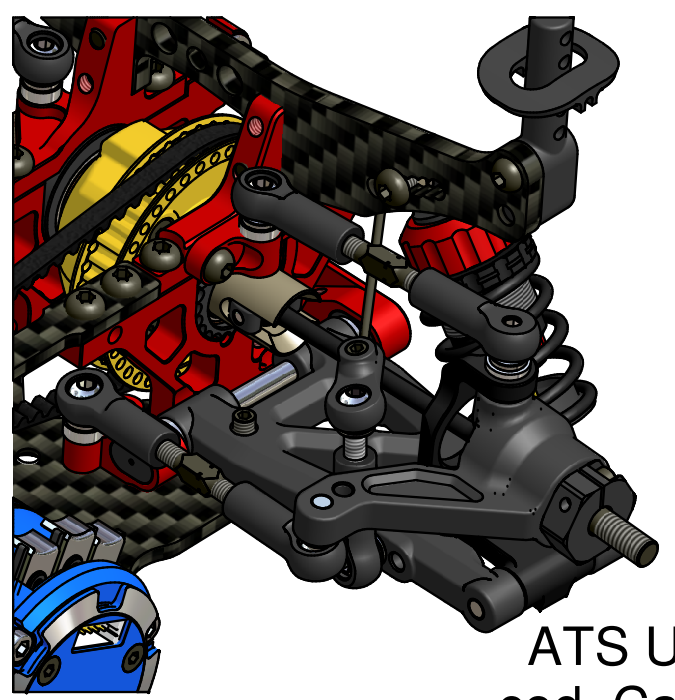
ALU Chassis weight set
cod. Cap29325-K



ALU Chassis
cod. Cap29313



7gr



ATS UpGRade
cod. Cap29210-K

Super Short Damper set
cod. Cap29385-K

