



# SSX125

1/12 PAN CAR

*Engineered to be the fastest*



INSTRUCTION MANUAL

LANGUAGES



SSX-125 - Manual - version 5

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**News**

**SPARK XB 65 in Stock**  
ID: 241902024 16-06-00  
The SPARK XB 65 arrived today  
[Read more >](#)

**KAGAMA XP 65 in Stock**  
ID: 241902023 16-06-00  
The first batch of Kagama XP 65 arrived.  
Limited qty available.  
[Read more >](#)

**SUPPORT PAGE** **WORLDWIDE SHIPPING** **100% PART AVAILABILITY**

Selected for You

- |  |  |   |   |  |
|--|--|---|---|--|
|   |   |    |    |   |
| <b>C-16220</b> <b>TEAM CORALLY</b><br>Team Corally - Car Stand - Aluminium - Black - 1 Set<br>€ 24,95<br>€ 20,02 excl. VAT | <b>C-161000</b> <b>TEAM CORALLY</b><br>Team Corally - Pro Hex Tool Set - 16 in 1 Coated - 1.5 / 2.0 / 2.5 / 3.0 mm - 4 pcs<br>€ 24,95<br>€ 20,02 excl. VAT | <b>C-161000</b> <b>TEAM CORALLY</b><br>Team Corally - Pro Power Tool Kit - 7 in 1 Coated - 1.5 / 2.0 / 2.5 / 3.0 mm - 4 pcs<br>€ 89,95<br>€ 74,38 excl. VAT | <b>C-162200</b> <b>TEAM CORALLY</b><br>Team Corally - RC Car Tool Set - Incl. Tool Bag - 16 pcs Tools<br>€ 79,90<br>€ 66,32 excl. VAT | <b>C-48525</b> <b>TEAM CORALLY</b><br>Team Corally - Soldering Station - 150 W - Euro Plug<br>€ 79,90<br>€ 66,32 excl. VAT |



<https://www.facebook.com/Team.Corally>



**RECOMMENDED ACCESSORIES**

**Soldering Station**

Team Corally - Soldering station 150W



C-48525

Soldering Station - 150 W - Euro Plug

**Tool Set**

Team Corally - RC Car Tool Set - Incl. Tool Bag



C-16250

RC Car Tool Set - Incl. Tool Bag - 16 pcs Tools

**1/12 Pan Car Tires**

Attack foam tires - 1/12 Circuit - Front - Carbon rims



Available in 30 - 32 - 35 Shore

**1/12 Pan Car Tires**

Attack foam tires - 1/12 Circuit - Rear - Carbon rims



Available in 30 - 32 - 35 Shore

## RECOMMENDED ACCESSORIES

### VOLTAX 120C HV

LiPo HV Battery - 8000 mAh - 3.8V - 1S - Hardcase



#C-49635

C-49635

Voltax 120C LiPo HV Battery -  
8000 mAh - 3.8V - 1S - 4mm Bullit

### Hex Drivers

Aluminium handle • Hardened tool tip



C-16185

Pro Hex Tool Set - Ti-Ni Coated -  
1.5 / 2.0 / 2.5 / 3.0 mm - 4 pcs

### Nut Drivers

Aluminium handle • Hardened tool tip



C-16190

Pro Nut Driver Set - Ti-Ni Coated -  
4.0 / 5.5 / 7.0 / 8.0 mm - 4 pcs

### Torq Master

Torq Master 3.6V Li-Ion screwdriver



with digital torque control



#C-16195

### Cutter Knife - Needle Nose Plier

For plastic parts and E-clips



### Lock-it 100 - Screw Fix

Soft - Blue - 10gr



#C-13094

**1 CHASSIS ASSEMBLY**



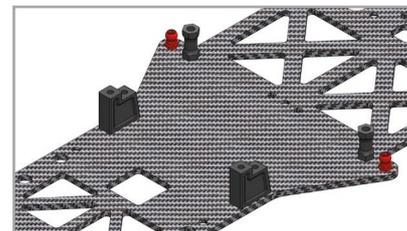
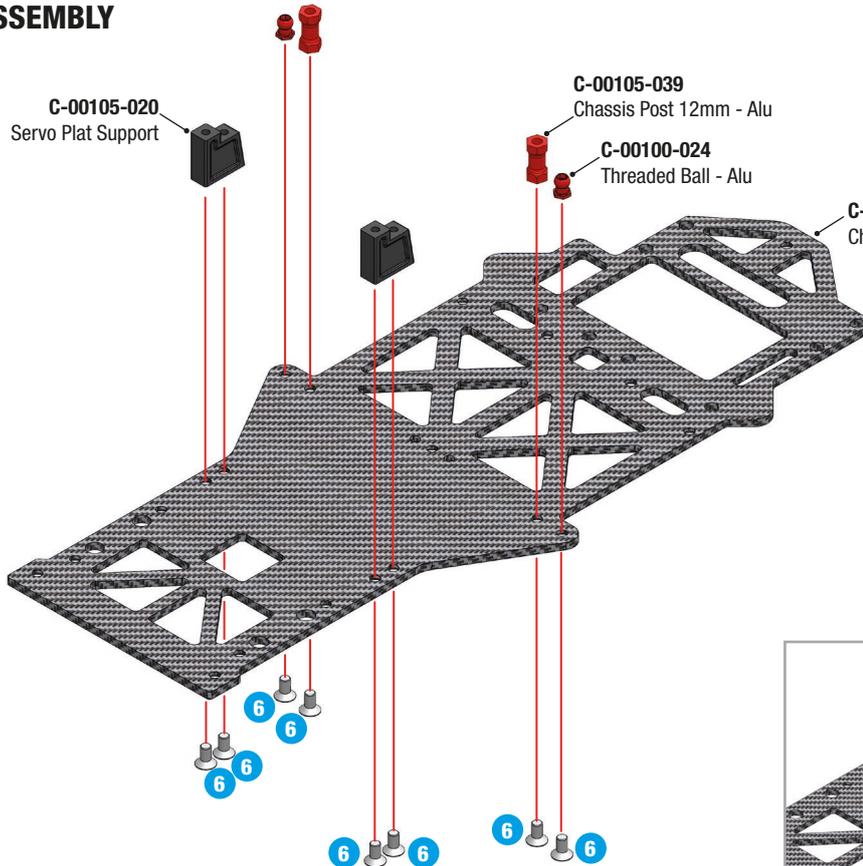
C-00105-020  
Servo Plat Support



C-00105-039  
Chassis Post 12mm - Alu

C-00100-024  
Threaded Ball - Alu

C-00105-035  
Chassis - Carbon 2.5mm



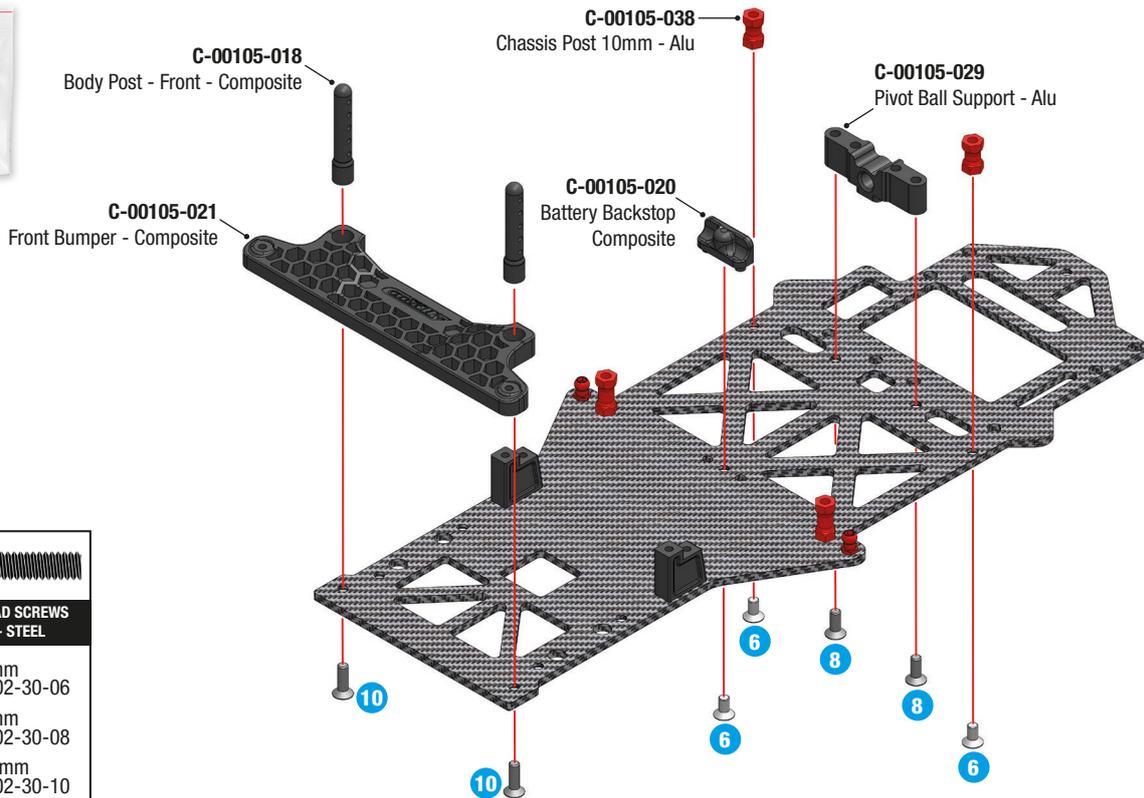
**HEX FLAT HEAD SCREWS**  
DIN 7991 - STEEL

**6** M3x6mm  
#C-3002-30-06





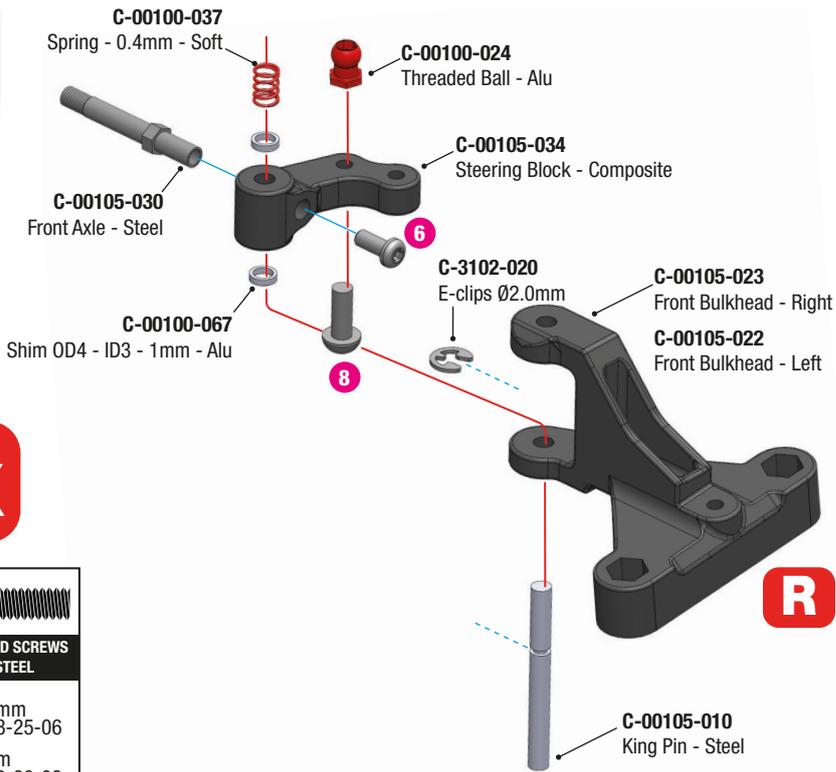
## 2 CHASSIS ASSEMBLY



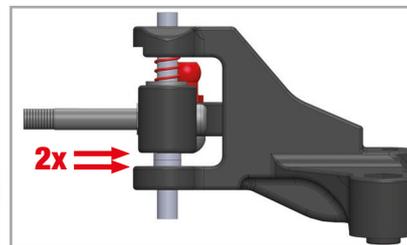
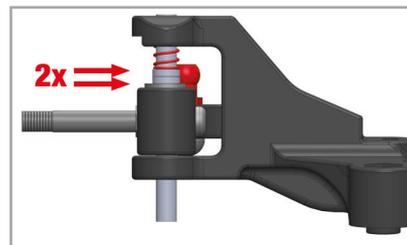
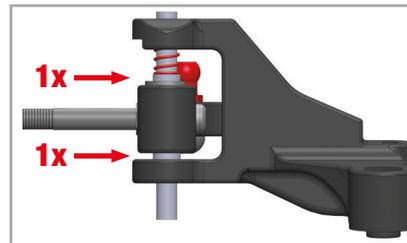
**HEX FLAT HEAD SCREWS  
DIN 7991 - STEEL**

- 6** M3x6mm  
#C-3002-30-06
- 8** M3x8mm  
#C-3002-30-08
- 10** M3x10mm  
#C-3002-30-10

**3 FRONT BULKHEAD ASSEMBLY (Left & Right)**



Adjust ground clearance by moving the shims



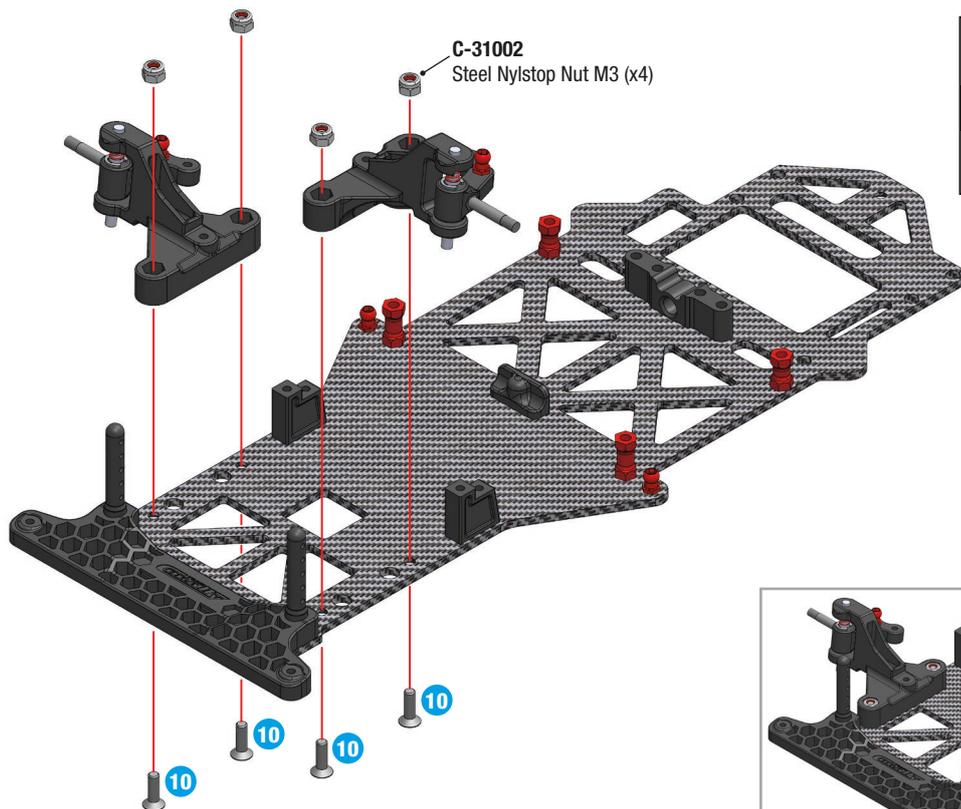
**2x**

HEX BUTTON HEAD SCREWS DIN 7380 - STEEL	
<b>6</b>	M2.5x6mm #C-3003-25-06
<b>8</b>	M3x8mm #C-3003-30-08

**R**

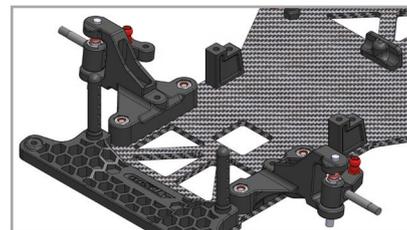


## 4 FRONT BULKHEADS INSTALLATION

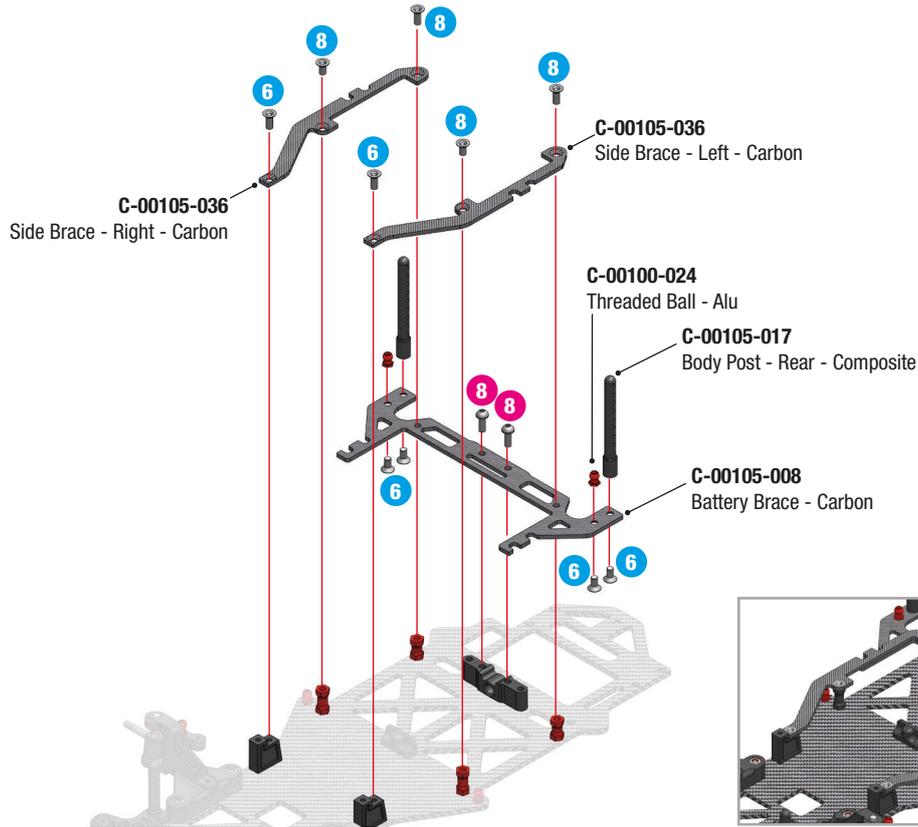


HEX FLAT HEAD SCREWS  
DIN 7991 - STEEL

10 M3x10mm  
#C-3002-30-10



**5** SIDE AND CENTRE BRACES INSTALATION



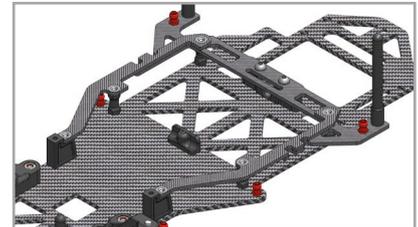
**HEX BUTTON HEAD SCREWS**  
DIN 7380 - STEEL

**8** M3x8mm  
#C-3003-30-08

**HEX FLAT HEAD SCREWS**  
DIN 7991 - STEEL

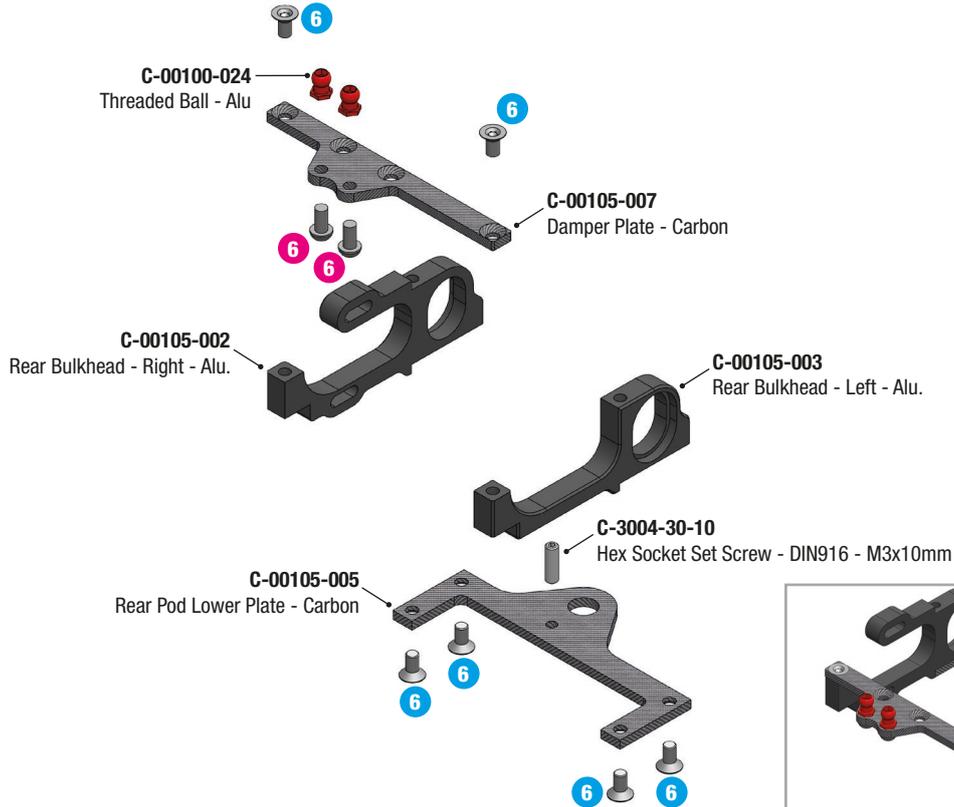
**6** M3x6mm  
#C-3002-30-06

**8** M3x8mm  
#C-3002-30-08





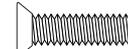
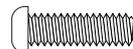
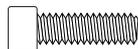
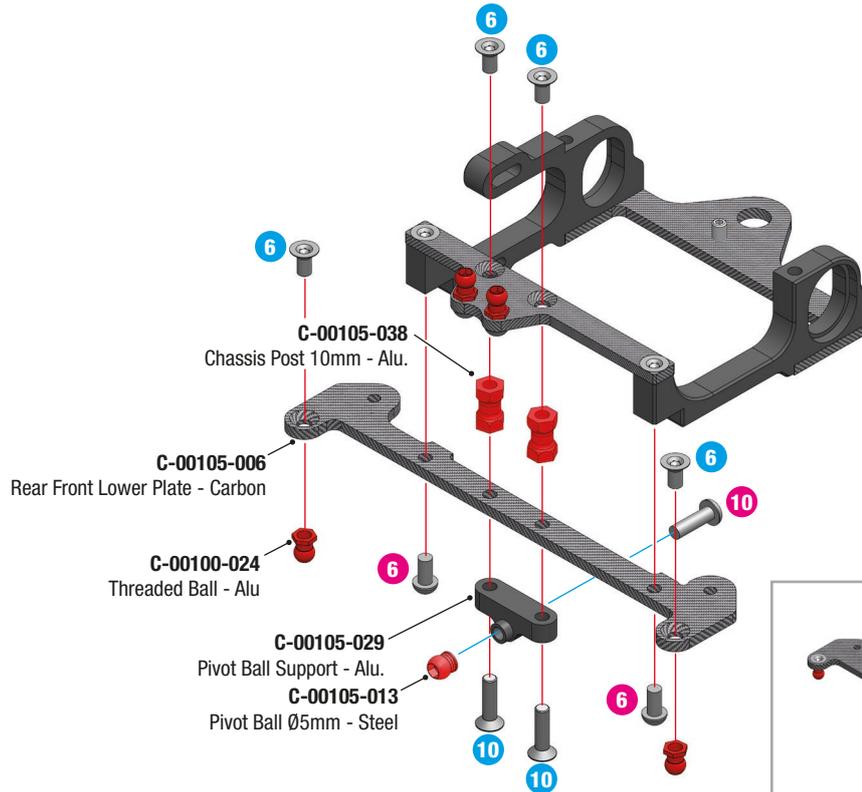
## 6 REAR POWER POD ASSEMBLY



**7 REAR POWER POD ASSEMBLY**

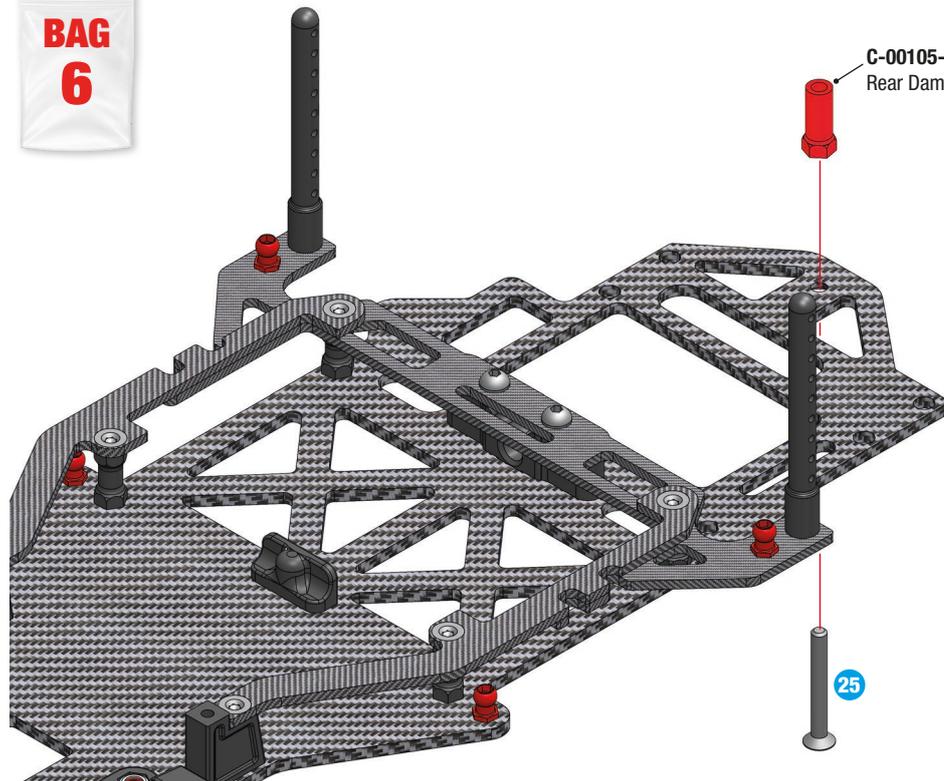


	<b>HEX BUTTON HEAD SCREWS</b> DIN 7380 - STEEL
<b>6</b>	M3x6mm #C-3003-30-06
<b>10</b>	M3x10mm #C-3003-30-10
	<b>HEX FLAT HEAD SCREWS</b> DIN 7991 - STEEL
<b>6</b>	M3x6mm #C-3002-30-06
<b>10</b>	M3x10mm #C-3002-30-10





## 8 REAR DAMPER POST ASSEMBLY



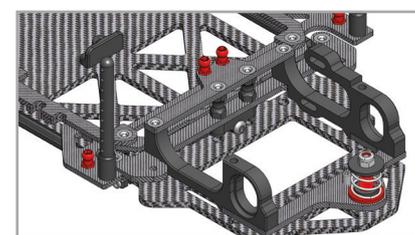
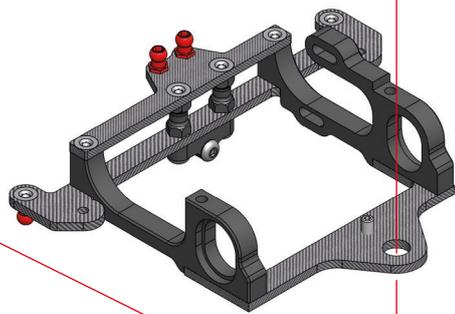
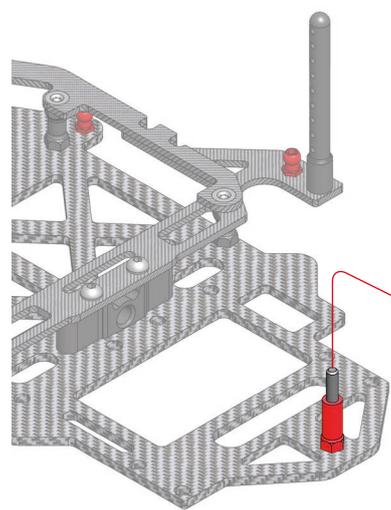
C-00105-028  
Rear Damper Post - Alu.



**9 REAR POWER POD INSTALLATION**

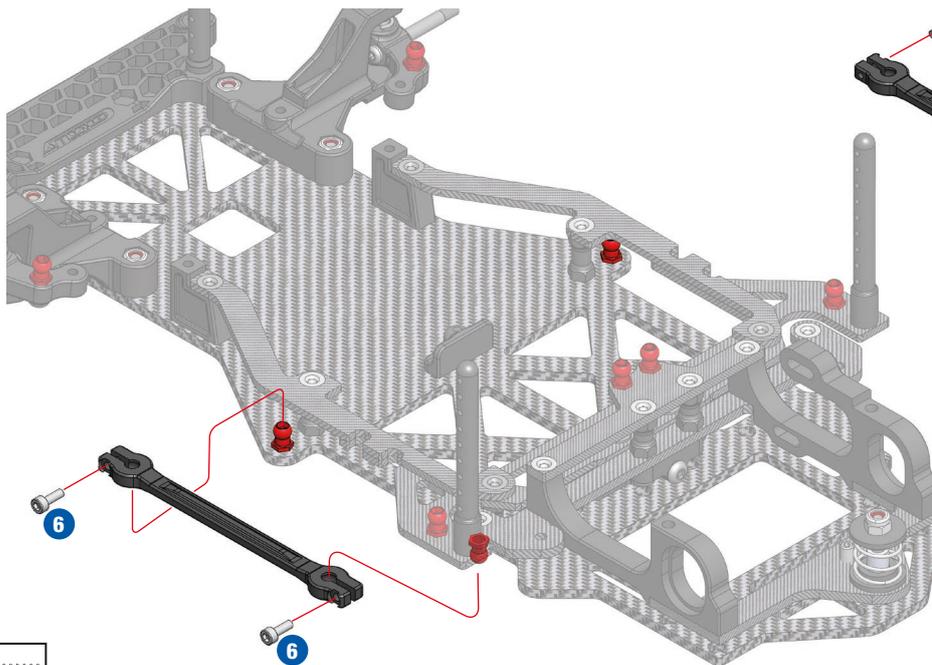


- C-31002**  
Steel Nylstop Nut M3 (x2)
- C-00105-025**  
Rear Damper Upper Ring - Composite
- C-00105-031**  
Rear Damper Spring - Steel
- C-00105-026**  
Rear Damper Lower Ring - Aluminium

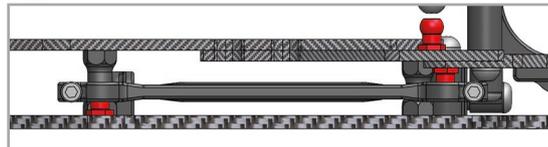




## 10 SIDE POD LINK INSTALLATION



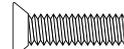
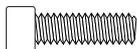
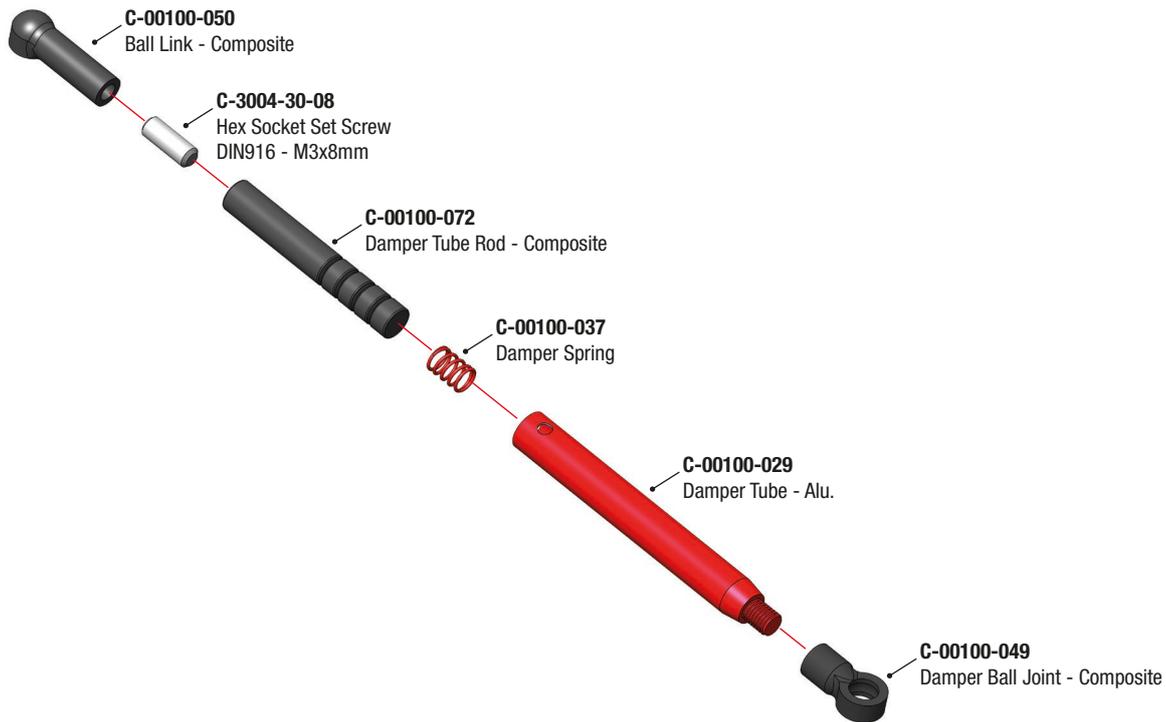
HEX SOCKET HEAD SCREWS DIN 912 - STEEL
<b>6</b> M2x6mm #C-3001-20-06



**11** SIDE LINK DAMPER ASSEMBLY

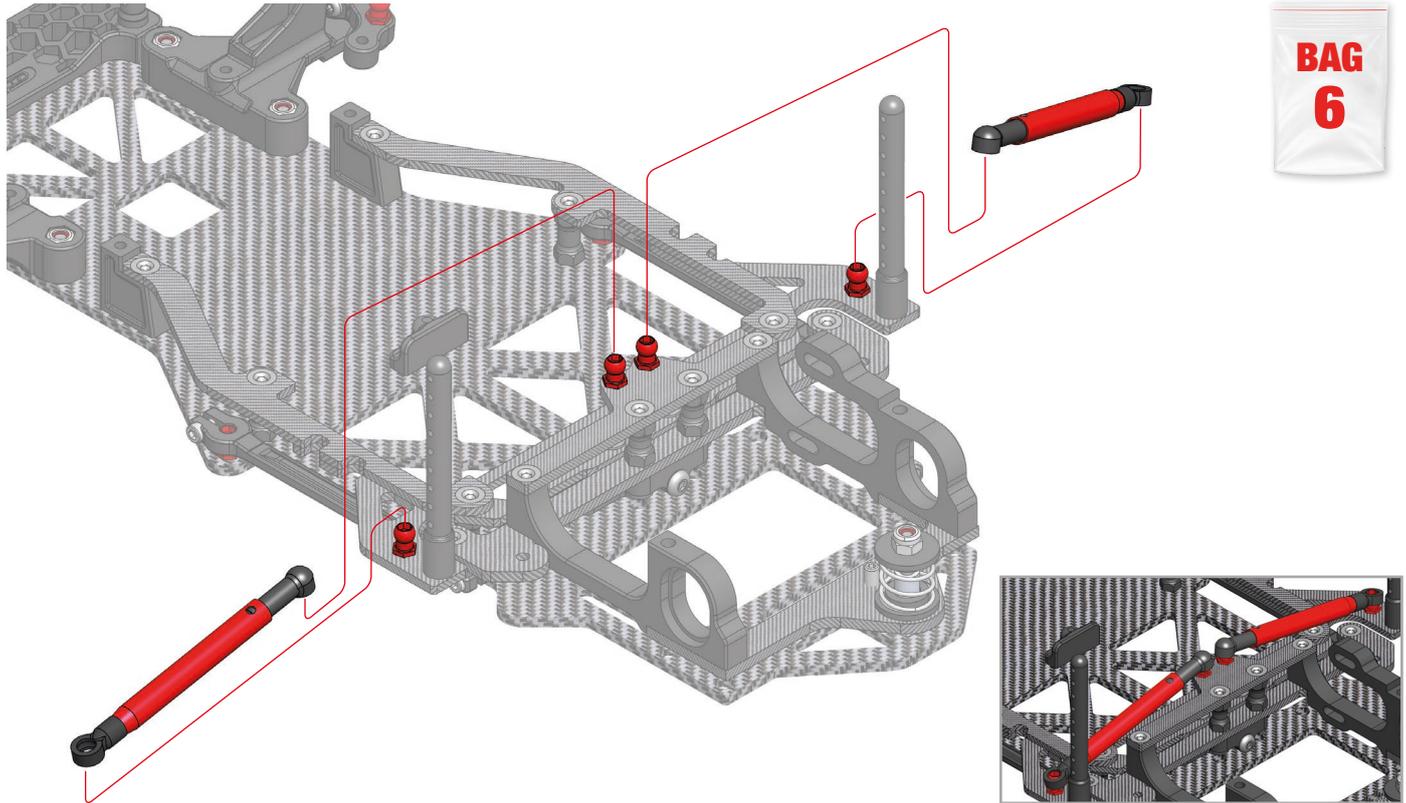


**2x**





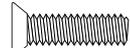
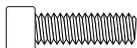
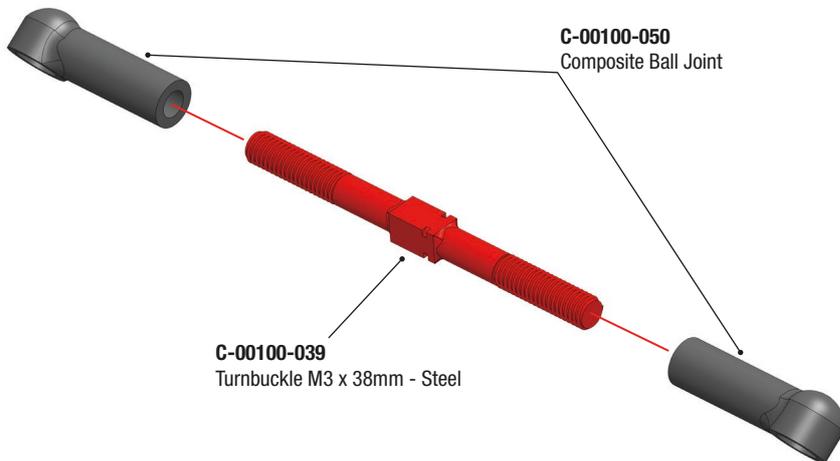
## 12 SIDE LINK DAMPER INSTALLATION



**13 STEERING LINKAGE ASSEMBLY**

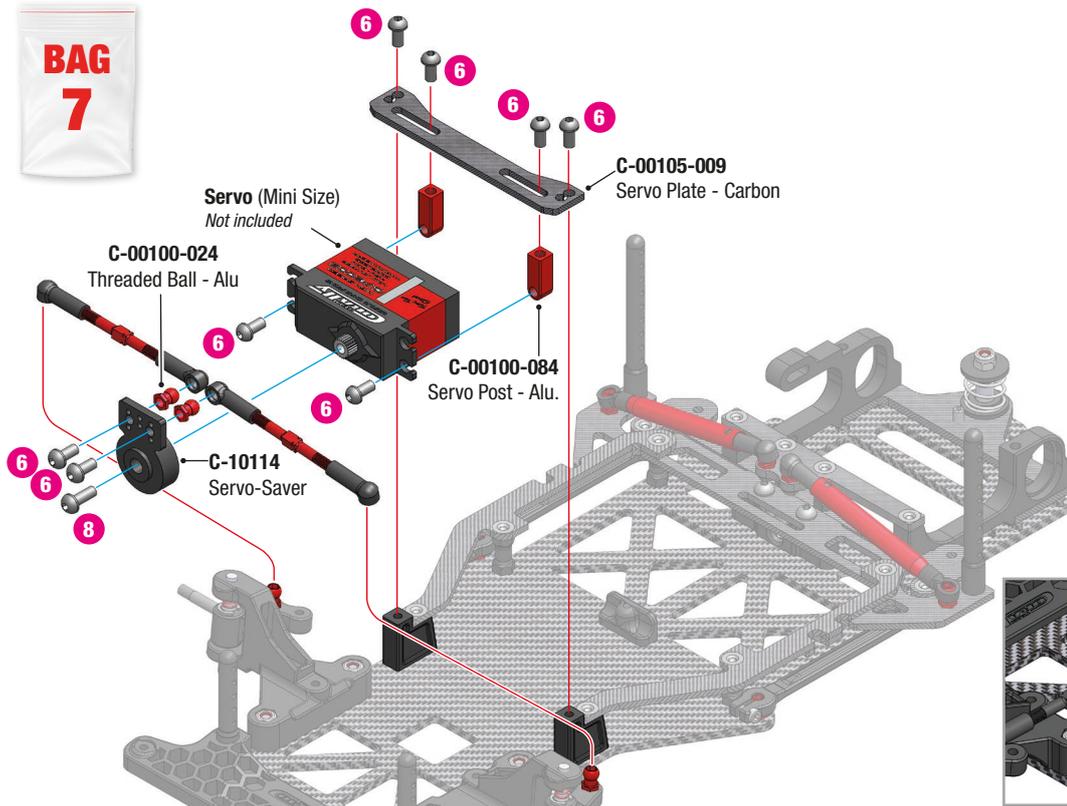


**2x**

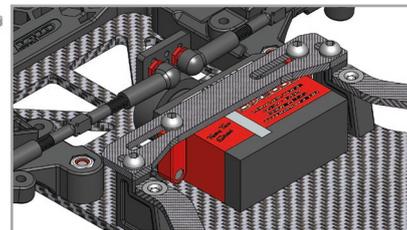




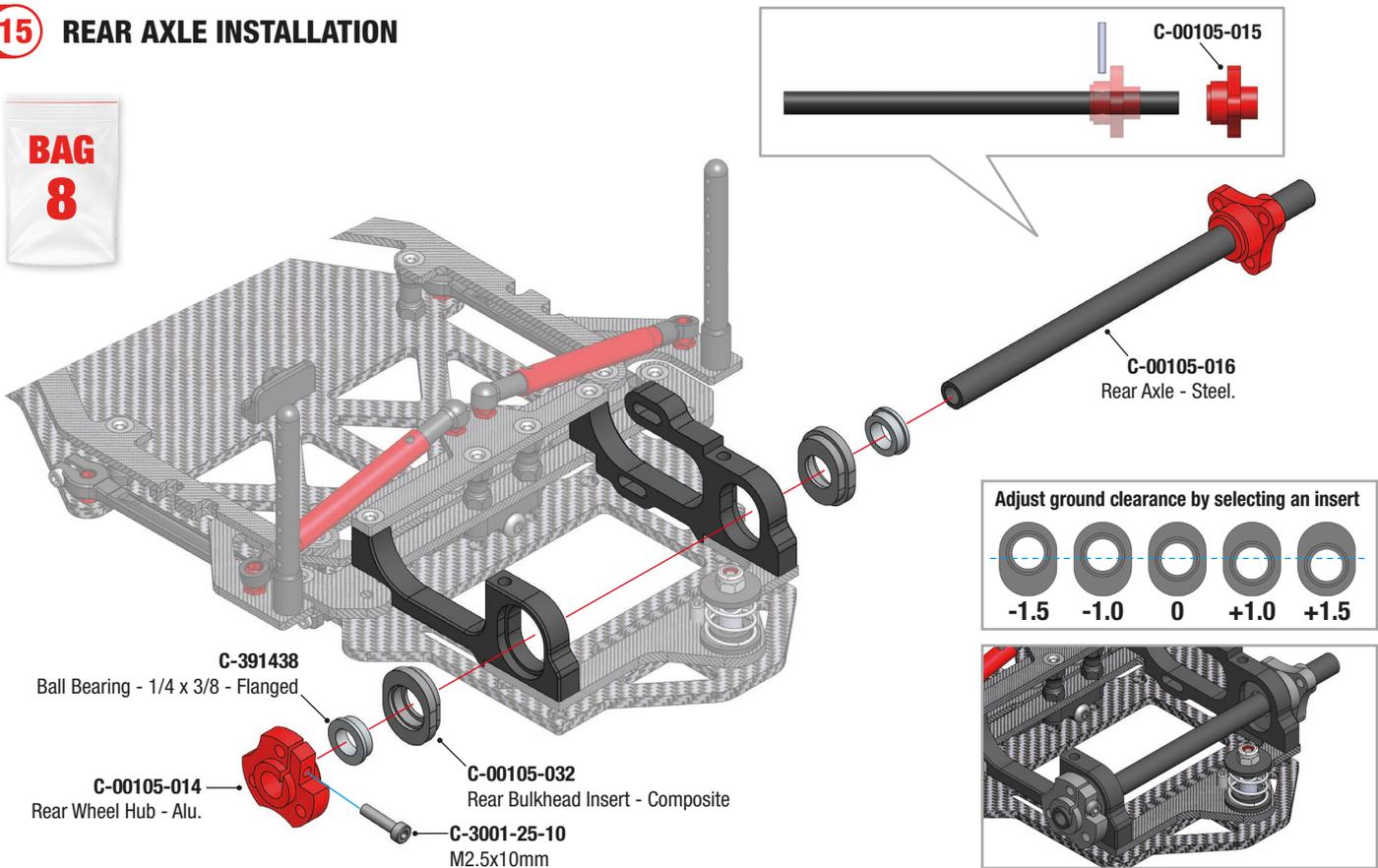
## 14 SERVO INSTALLATION



	
HEX BUTTON HEAD SCREWS DIN 7380 - STEEL	
6	M3x6mm #C-3003-30-06
8	M3x8mm #C-3003-30-08

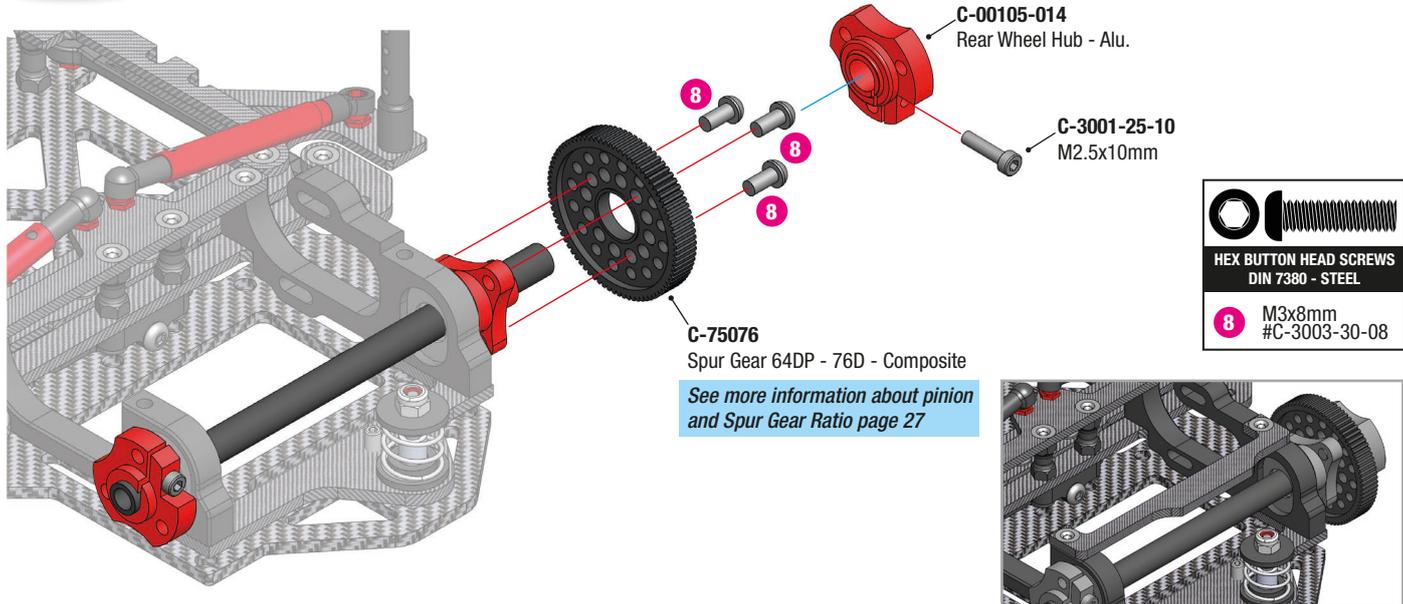
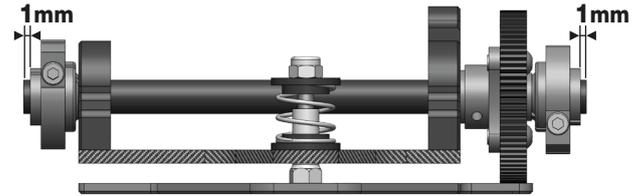


**15 REAR AXLE INSTALLATION**

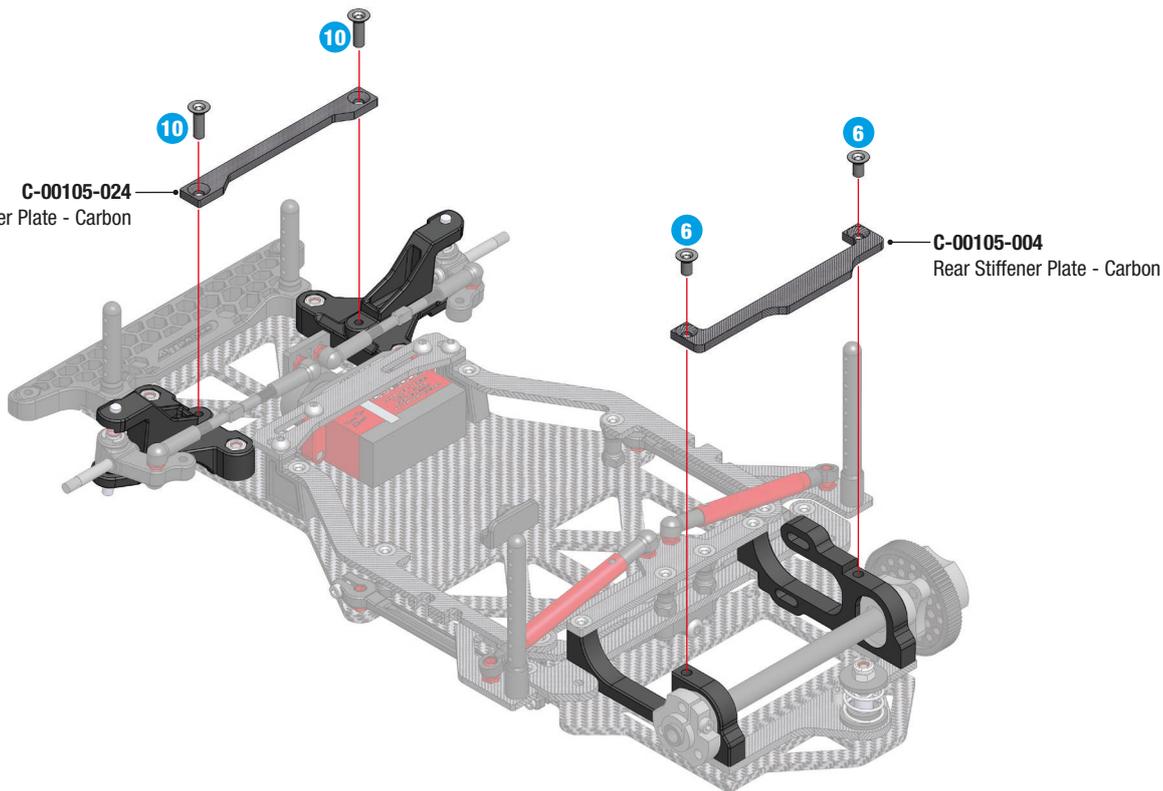




## 16 SPUR GEAR INSTALLATION



**17 FRONT & REAR STIFFENERS INSTALLATION**



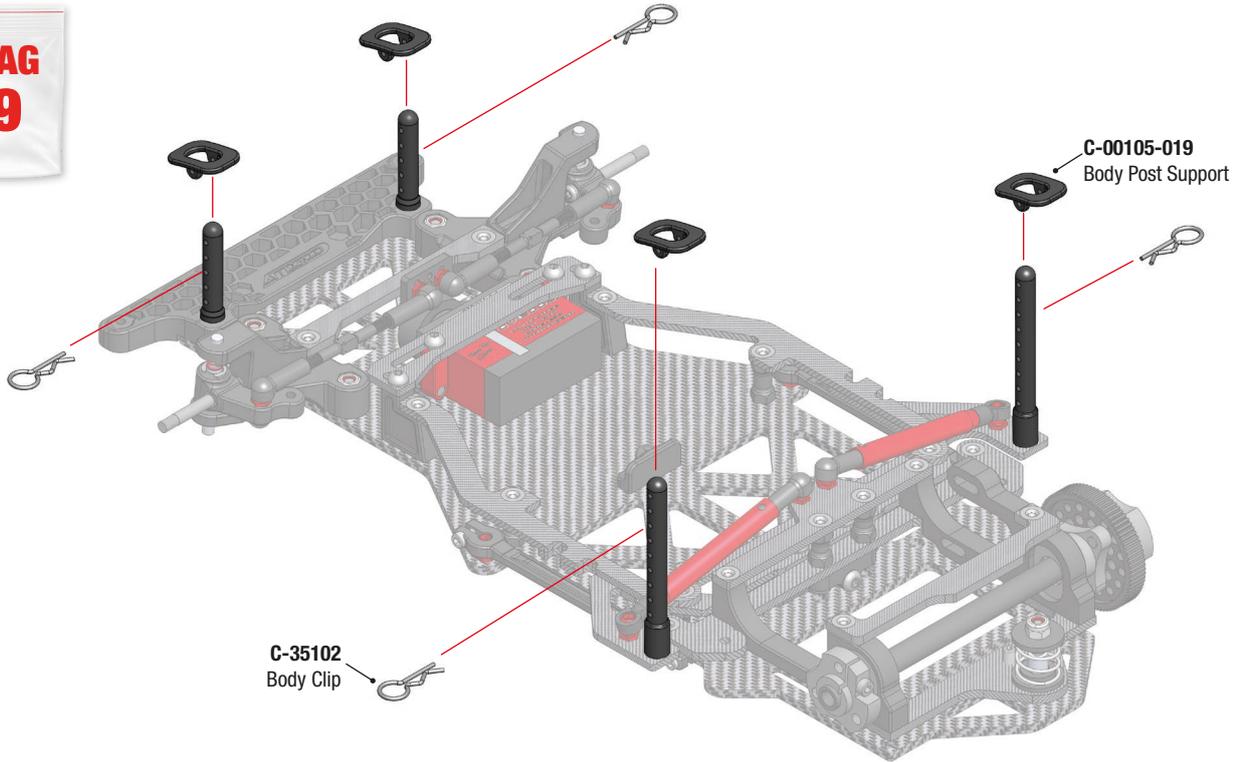
  
HEX FLAT HEAD SCREWS  
DIN 7991 - STEEL

**6** M3x6mm  
#C-3002-30-06

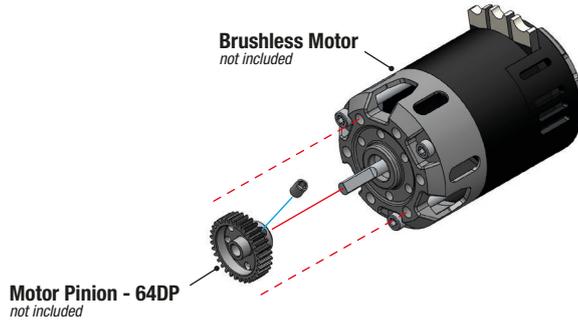
**10** M3x10mm  
#C-3002-30-10



## 18 BODY POST INSTALLATION

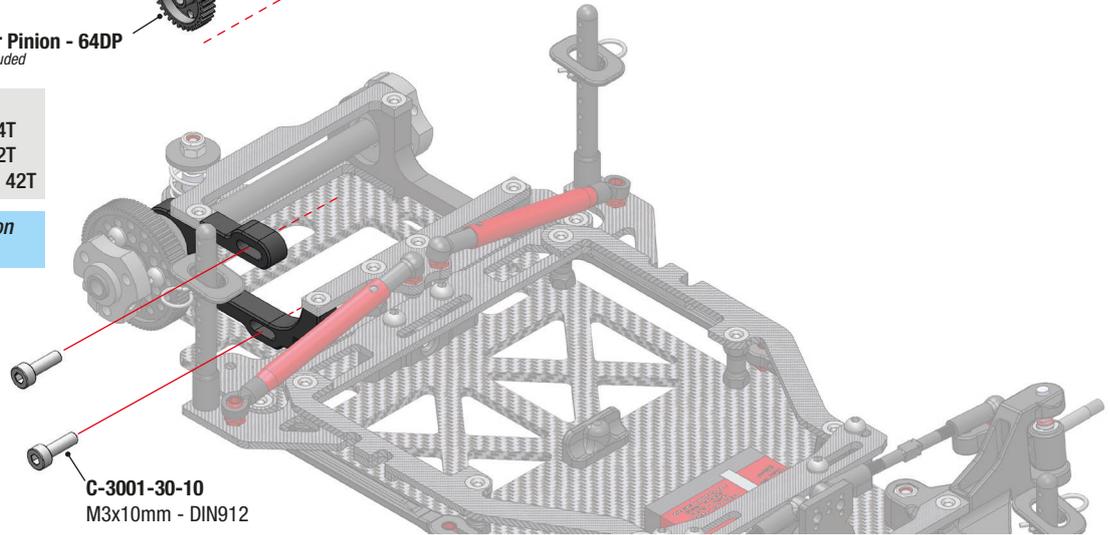


**19 MOTOR INSTALLATION**



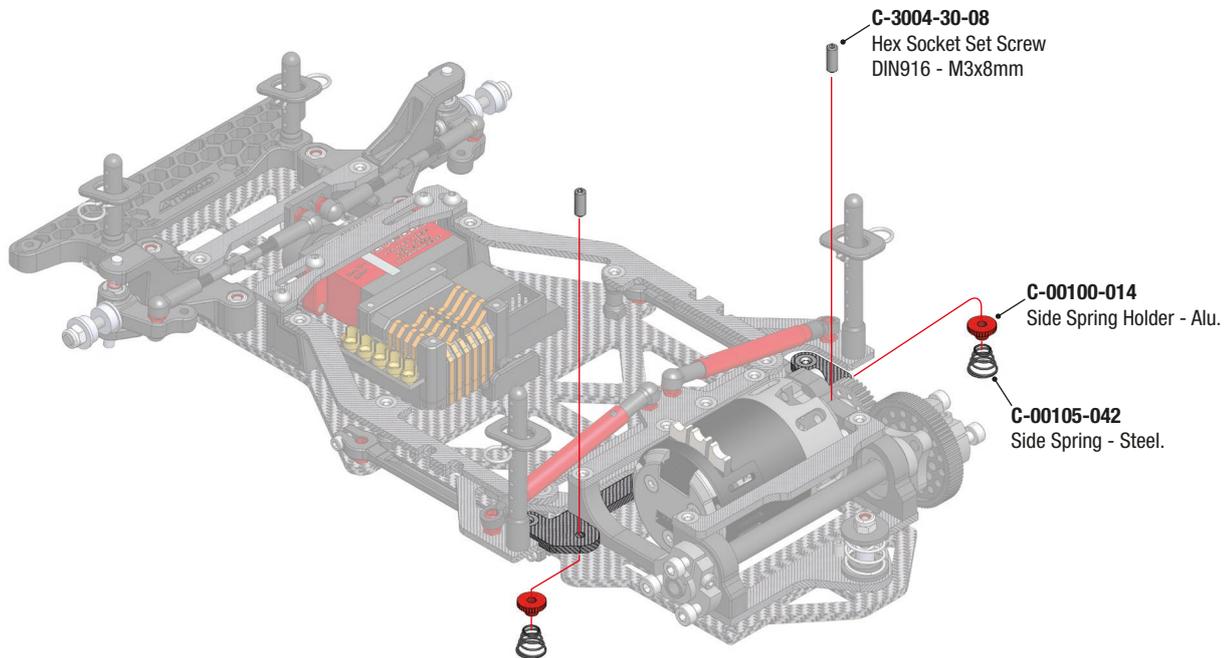
**Motor Pinion Recommendation**  
 Mod - 3.5T Motor : 64DP Pinion 24T  
 Mod - 6.5T Motor : 64DP Pinion 32T  
 Stock - 17.5T Motor : 64DP Pinion 42T

*See more information about pinion and Spur Gear Ratio page 27*





## 20 SIDE SPRING INSTALLATION



**21** WHEELS INSTALLATION

**ATTACK FOAM FRONT TIRES**  
**1/12 - CARBON RIMS - FRONT**



**C-14720-30** Attack foam tires -  
30 shore Pink

**C-14720-32** Attack foam tires -  
32 shore Pink

**C-14720-35** Attack foam tires -  
35 shore Pink

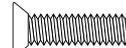
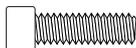
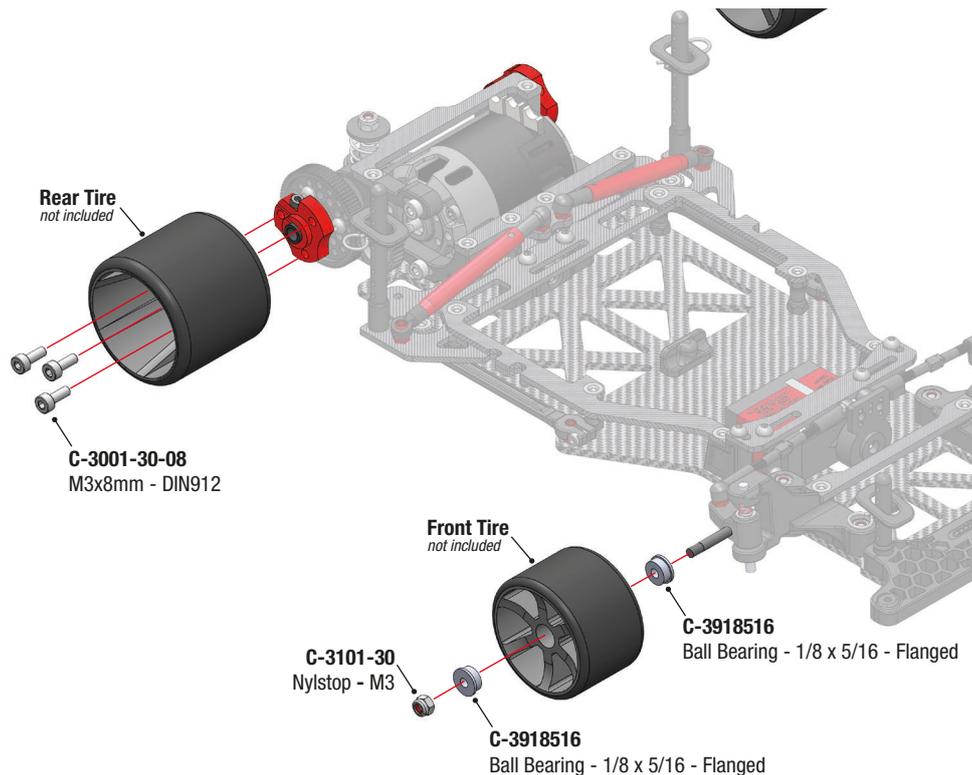
**ATTACK FOAM FRONT TIRES**  
**1/12 - CARBON RIMS - REAR**



**C-14725-30** Attack foam tires -  
30 shore Pink

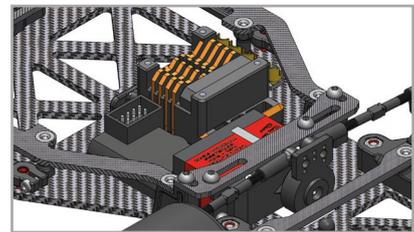
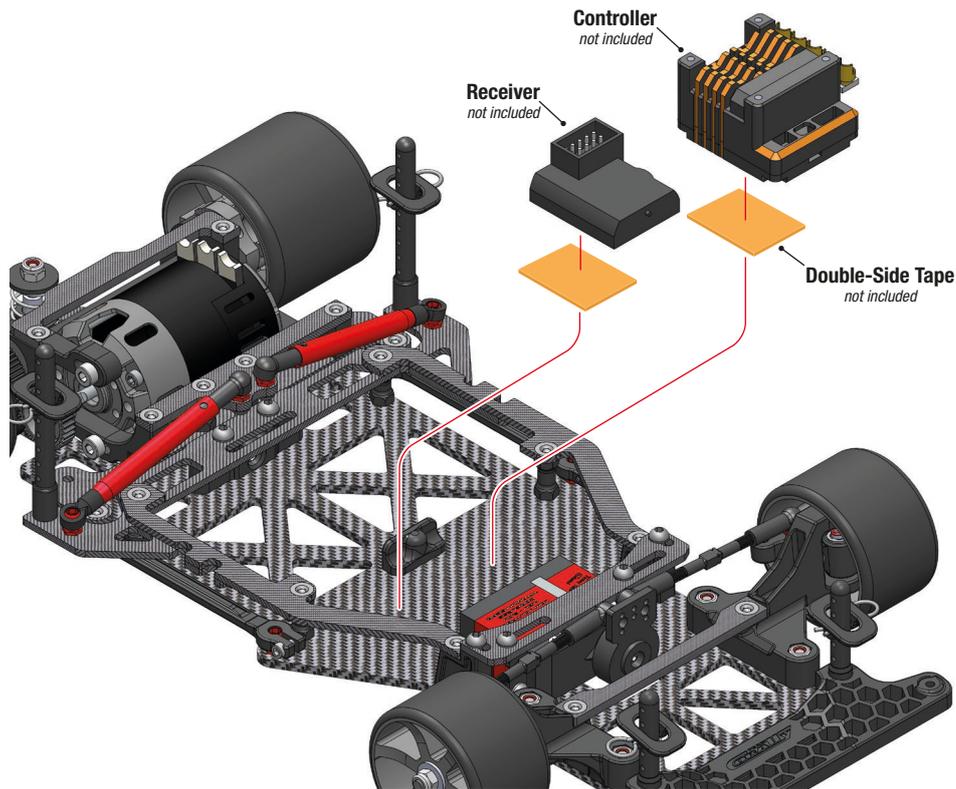
**C-14725-32** Attack foam tires -  
32 shore Pink

**C-14725-35** Attack foam tires -  
35 shore Pink

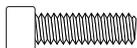
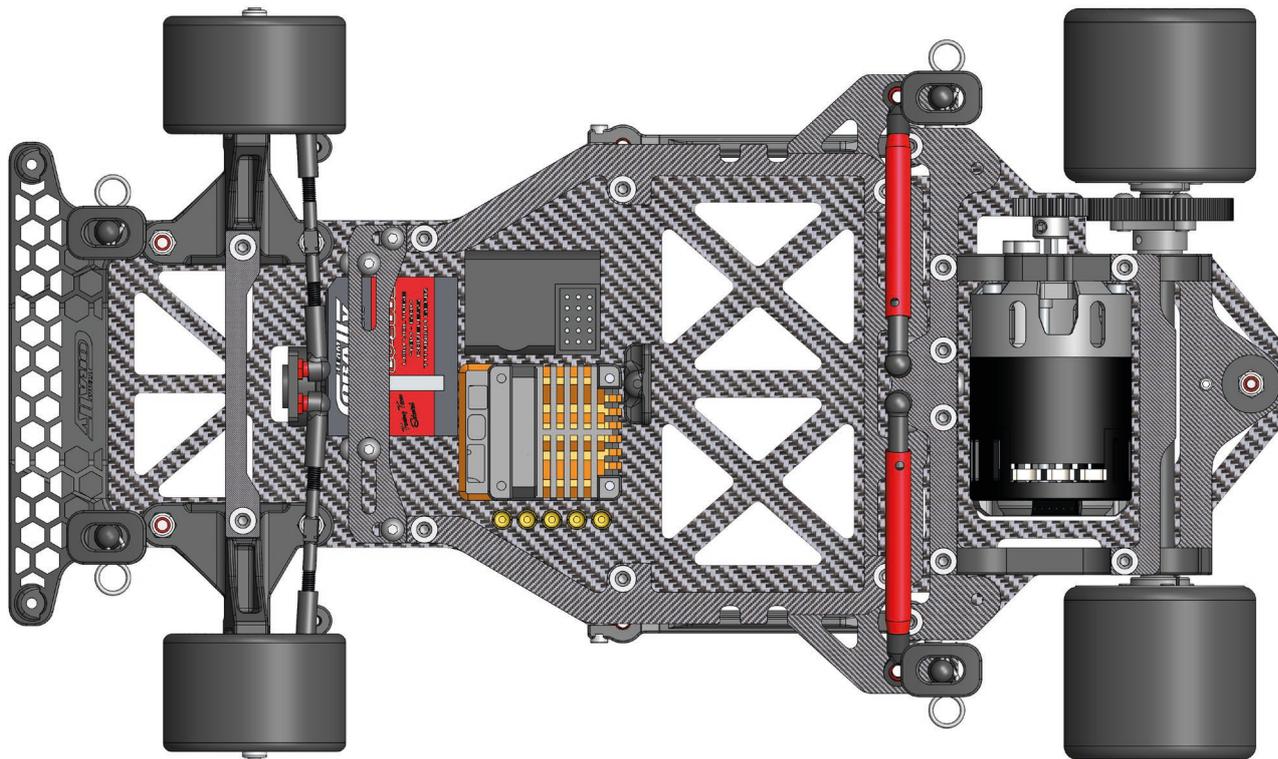




## 22 ELECTRONICS INSTALLATION



**23** ELECTRONICS POSITION



## PINION & SPUR GEAR RATIO CHART

RATIO						ROLLOUT (mm) with Original Spur Gear 76T						
Pinion (T)	SPUR GEAR (T)					Ø Tyre x π (3,14) x Pinion (nb of T) : Spur Gear (Original 76T)						
	Spur Gear / Pinion = Ratio					= The distance of one complete wheel rotation (mm)						
	72	76	80	84	88	Ø40 mm	Ø40,5 mm	Ø41 mm	Ø41,5 mm	Ø42 mm	Ø42,5 mm	Ø43 mm
22	3,27	3,45	3,64	3,82	4,00	36,38	36,83	37,29	37,74	38,20	38,65	39,10
23	3,13	3,30	3,48	3,65	3,83	38,03	38,51	38,98	39,46	39,93	40,41	40,88
24	3,00	3,17	3,33	3,50	3,67	39,68	40,18	40,68	41,17	41,67	42,16	42,66
25	2,88	3,04	3,20	3,36	3,52	41,34	41,85	42,37	42,89	43,40	43,92	44,44
26	2,77	2,92	3,08	3,23	3,38	42,99	43,53	44,07	44,60	45,14	45,68	46,21
27	2,67	2,81	2,96	3,11	3,26	44,64	45,20	45,76	46,32	46,88	47,43	47,99
28	2,57	2,71	2,86	3,00	3,14	46,30	46,88	47,45	48,03	48,61	49,19	49,77
29	2,48	2,62	2,76	2,90	3,03	47,95	48,55	49,15	49,75	50,35	50,95	51,55
30	2,40	2,53	2,67	2,80	2,93	49,60	50,22	50,84	51,46	52,08	52,70	53,32
31	2,32	2,45	2,58	2,71	2,84	51,26	51,90	52,54	53,18	53,82	54,46	55,10
32	2,25	2,38	2,50	2,63	2,75	52,91	53,57	54,23	54,90	55,56	56,22	56,88
33	2,18	2,30	2,42	2,55	2,67	54,56	55,25	55,93	56,61	57,29	57,97	58,66
34	2,12	2,24	2,35	2,47	2,59	56,22	56,92	57,62	58,33	59,03	59,73	60,43
35	2,06	2,17	2,29	2,40	2,51	57,87	58,59	59,32	60,04	60,77	61,49	62,21
36	2,00	2,11	2,22	2,33	2,44	59,53	60,27	61,01	61,76	62,50	63,25	63,99
37	1,95	2,05	2,16	2,27	2,38	61,18	61,94	62,71	63,47	64,24	65,00	65,77
38	1,89	2,00	2,11	2,21	2,32	62,83	63,62	64,40	65,19	65,97	66,76	67,54
39	1,85	1,95	2,05	2,15	2,26	64,49	65,29	66,10	66,90	67,71	68,52	69,32
40	1,80	1,90	2,00	2,10	2,20	66,14	66,97	67,79	68,62	69,45	70,27	71,10
41	1,76	1,85	1,95	2,05	2,15	67,79	68,64	69,49	70,33	71,18	72,03	72,88
42	1,71	1,81	1,90	2,00	2,10	69,45	70,31	71,18	72,05	72,92	73,79	74,65
43	1,67	1,77	1,86	1,95	2,05	71,10	71,99	72,88	73,77	74,65	75,54	76,43
44	1,64	1,73	1,82	1,91	2,00	72,75	73,66	74,57	75,48	76,39	77,30	78,21
45	1,60	1,69	1,78	1,87	1,96	74,41	75,34	76,27	77,20	78,13	79,06	79,99
46	1,57	1,65	1,74	1,83	1,91	76,06	77,01	77,96	78,91	79,86	80,81	81,76
47	1,53	1,62	1,70	1,79	1,87	77,71	78,68	79,66	80,63	81,60	82,57	83,54
48	1,50	1,58	1,67	1,75	1,83	79,37	80,36	81,35	82,34	83,34	84,33	85,32

Supplied  
in kit

	C-00100-014	Alum. Side Spring Holder - 2 pcs
	C-00100-024	Alum. Steering Ball 4.25mm - M3 - 4 pcs
	C-00100-029	Alum. Side Linkage Damper Tube - 2 pcs
	C-00100-037	Front Spring Coils - Red 0.4mm - Soft - 2 pcs
	C-00100-039	Turnbuckle M3 x 38mm - Steel - 2 pcs
	C-00100-049	Composite Ball Joint - Alum. Side Linkage Damper Tube - 4 pcs

	C-00100-050	Composite Ball Joint - 4 pcs
	C-00100-072	Composite Damper Tube Rod - 2 pcs
	C-00100-084	Alum. Servo Mount Post - 2 pcs
	C-00100-105	Front Spring Coils - Blue 0.6mm - Hard - 2 pcs <b>OPTIONAL</b>
	C-00100-106	Front Spring Coils - Black 0.5mm - Medium - 2 pcs <b>OPTIONAL</b>
	C-00105-001	Chassis - 2mm - Aluminium 7075 <b>OPTIONAL</b>

	C-00105-002	Rear Bulkhead - Right - Aluminium - 1 pc
	C-00105-003	Rear Bulkhead - Left - Aluminium - 1 pc
	C-00105-004	Rear Stiffener Plate - Carbon 2.5mm - 1 pc
	C-00105-005	Rear Pod Lower Plate - Carbon 2.5mm - 1 pc
	C-00105-006	Rear Front Lower Plate - Carbon 2.5mm - 1 pc
	C-00105-007	Damper Plate - Carbon 2.5mm - 1 pc

	C-00105-008	Battery Brace - Carbon 2.5mm - 1 pc
	C-00105-009	Servo Plate - Carbon 2.5mm - 1 pc
	C-00105-010	King Pin - Steel - 2 pcs
	C-00105-011	Pivot Ball Support - Aluminium - 1 pc
	C-00105-013	Pivot Ball Ø5mm - Steel - 3 pcs
	C-00105-014	Rear Hub - Left - Aluminium - 1 pc

	C-00105-015	Spur Gear Holder - Aluminium - 1 pc
	C-00105-016	Rear Axle - Steel - 1 pc
	C-00105-017	Body Post - Rear - Composite - 4 pcs
	C-00105-018	Body Post - Front - Composite - 4 pcs
	C-00105-019	Body Post Support - Composite - 4pcs
	C-00105-020	Servo plate Support - Composite - Set

	C-00105-021	Front Bumper - Composite - 2 pcs
	C-00105-022	Front Bulkhead - Left & Right- Composite - 1 pair
	C-00105-024	Front Stiffener Plate - Carbon 2.5mm - 1 pc
	C-00105-025	Rear Damper Upper Ring - Composite - 2 pcs
	C-00105-026	Rear Damper Lower Ring - Composite - 1 pc
	C-00105-027	O-ring - OD 8mm - ID 4.5mm - Silicone - 5 pcs

	C-00105-028	Damper Post - Steel - 1 pc
	C-00105-029	Pivot Ball Support - Aluminium - 1 pc
	C-00105-030	Front Axle - Steel - 2 pcs
	C-00105-031	Damper Spring - Steel - 2 pcs
	C-00150-032	Bulkhead Inserts - 0-1-1,5 - 6pcs
	C-00105-034	Steering arm - Composite - 2 pcs

	C-00105-035	Chassis Plate - Carbon 2.5mm - 1 pc
	C-00105-036	Side Brace - Right - Carbon 2.5mm - 2 pcs
	C-00105-038	Chassis Post 10mm - Aluminium - 4 pcs
	C-00105-039	Chassis Post 12mm - Aluminium - 2 pcs
	C-00105-041	Pivot Brace - Composite - 2 pcs
	C-00105-042	Side Spring - Steel - 2 pcs

	C-10114	Servo Saver Small - 25T Spline - 1 pc
	C-3101-30-6	Nylstop Nut M3 - Black - Steel - 10 pcs
	C-3102-020	E-Clips Dia. 2.0mm - 10 pcs
	C-391438	Ball Bearing ABEC 3 - 1/4 x 3/8 - Flanged - 4 pcs
	C-3918516	Ball Bearing ABEC 3 - 1/8 x 5/16 - Flanged - 4 pcs
	C-75076	Delrin CNC-Cut Spur Gear 76T - 64DP - 1 pc



**Download the full list of screws and bolts here!**

*Téléchargez la liste complète de visserie ici !*

Laden Sie hier die komplette Liste der Schrauben herunter!

*Download hier de volledige lijst met schroeven en bouten!*

<https://corally.com/en/customer-service/downloads-manuals>

## TIRE TRACTION COMPOUNDS



**Tire Juice 22**  
GREEN 100ml

C-13760	Tire Juice 22
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**RUBBER - ASPHALT**



**Tire Juice 33**  
RED 100ml

C-13761	Tire Juice 33
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**FOAM - ASPHALT**



**Tire Juice 44**  
YELLOW 100ml

C-13762	Tire Juice 44
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**RUBBER - CARPET**



**Tire Juice 55**  
BLUE 100ml

C-13763	Tire Juice 55
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**FOAM - CARPET**



**TC TIRE JUICE 22 - GREEN** : is ideally suited to rubber tires on asphalt but also works well on foam tires.  
**TC TIRE JUICE 33 - RED** : is ideally suited for foam tires on asphalt but also works well on rubber tires.  
**TC TIRE JUICE 44 - YELLOW** : is ideally suited for rubber tires on carpet but also works well on foam tires.  
**TC TIRE JUICE 55 - BLUE** : is ideally suited for foam tires on carpet but also works well on rubber tires.



## 1/12 Pan Car Front

Foam racing tires on Carbon rims

C-14720-30	30 Shore	Attack foam tires - 30 shore Pink - Front
C-14720-32	32 Shore	Attack foam tires - 32 shore Magenta - Front
C-14720-35	35 Shore	Attack foam tires - 35 shore Double Pink - Front



## 1/12 Pan Car Rear

Foam racing tires on Carbon rims - US

C-14725-30	30 Shore	Attack foam tires - 30 shore Pink - Rear
C-14725-32	32 Shore	Attack foam tires - 32 shore Magenta - Rear
C-14725-35	35 Shore	Attack foam tires - 35 shore Double Pink - Rear

## Screw Sets

Plastic boxes with a selection of the most commonly used Screws, Nuts, Shims, Washers.



## Pinions Module 64DP

Discover our range of Precision CNC-Cut MOD-64DP Pinions for motors with a  $\varnothing$  3.17mm motor shaft.



Aluminium

Steel





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