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TEAM CORALLY

WORLD CHAMPIONS

SSX125

1/12 PAN CAR

Engineered to be the fastest



INSTRUCTION MANUAL

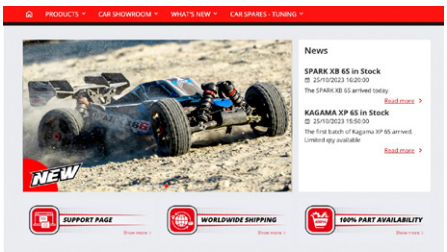
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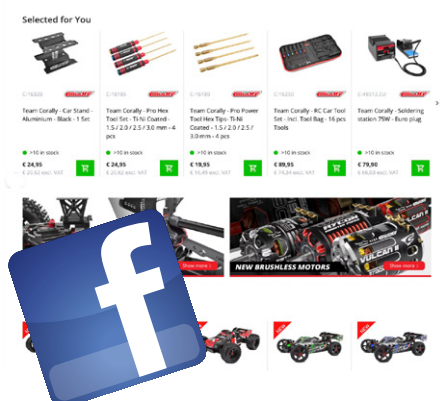
SSX-125 - Manual - version 4

- Download the latest version of the manual from www.corally.com
- Téléchargez la dernière version du manuel à partir de www.corally.com
- Download the latest version of the manual from www.corally.com
- Download de nieuwste versie van de handleiding van www.corally.com

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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

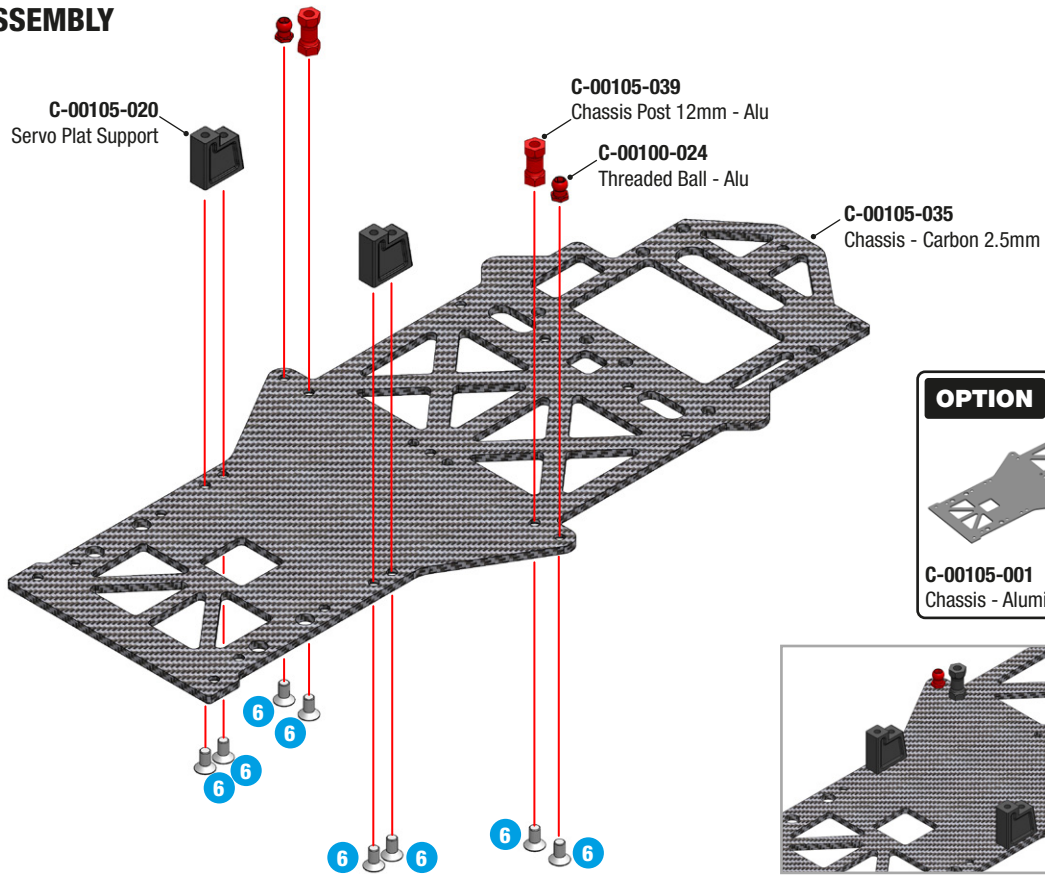
Soft - Blue - 10gr



#C-13094

1 CHASSIS ASSEMBLY

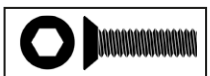
BAG 1



OPTION



C-00105-001
Chassis - Aluminium 7075



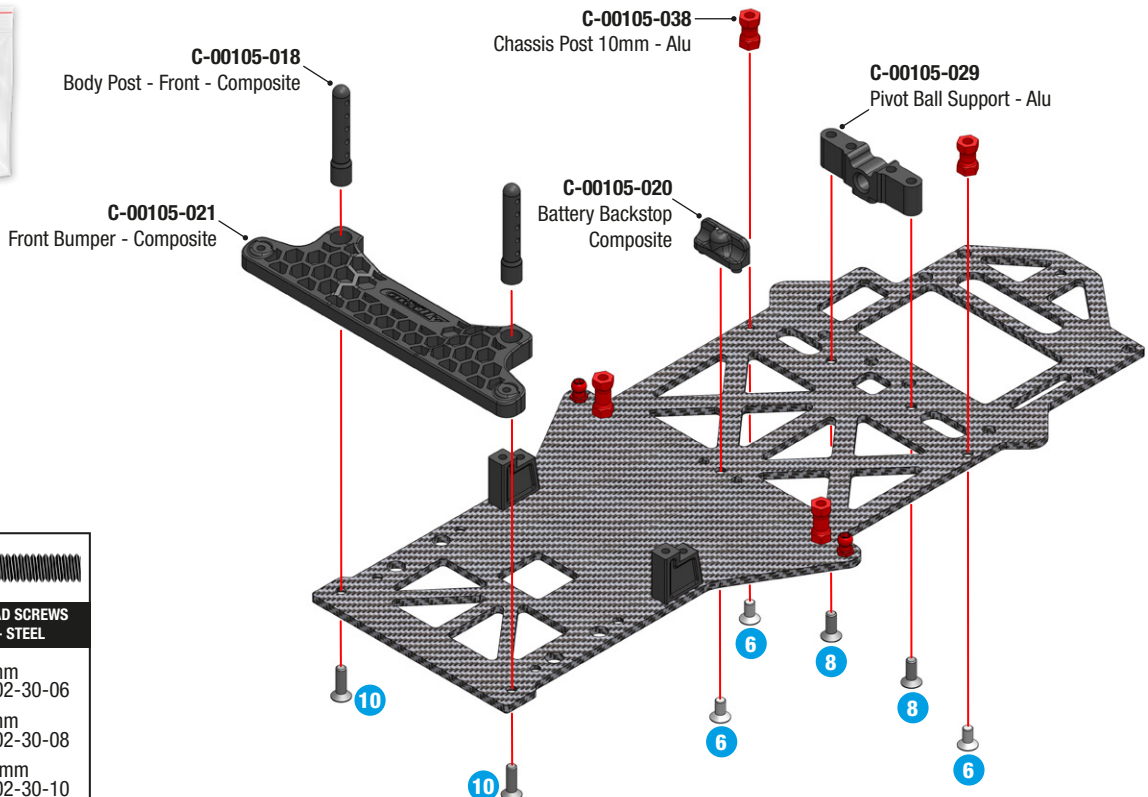
HEX FLAT HEAD SCREWS
DIN 7991 - STEEL

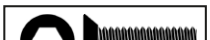
6 M3x6mm
#C-3002-30-06

Socket Head Screw | Button Head Screw | Flat Head Screw

2 CHASSIS ASSEMBLY





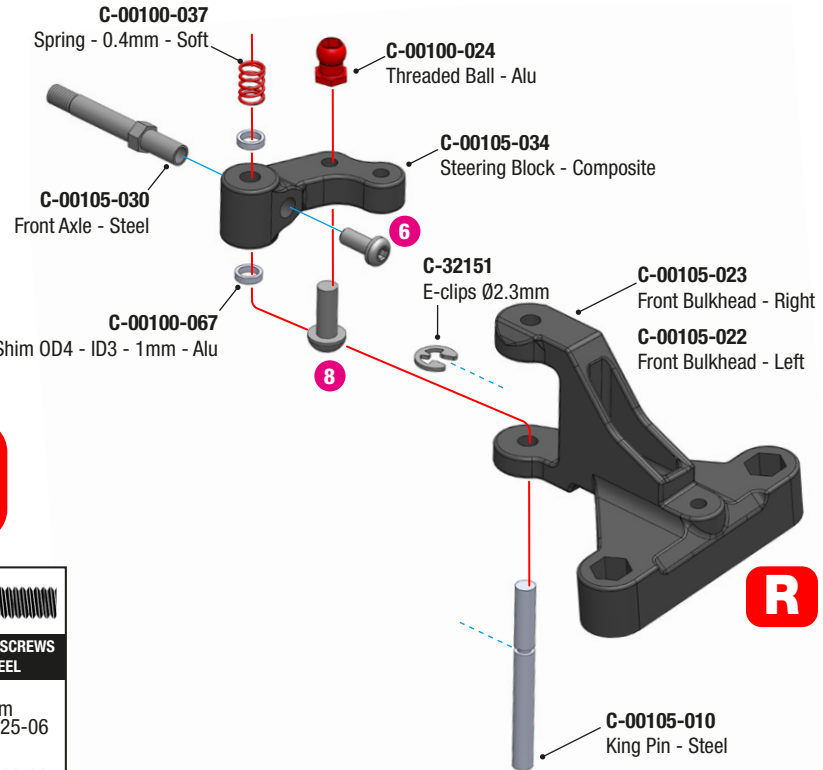


HEX FLAT HEAD SCREWS
DIN 7991 - STEEL

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

3 FRONT BULKHEAD ASSEMBLY (Left & Right)

BAG 3



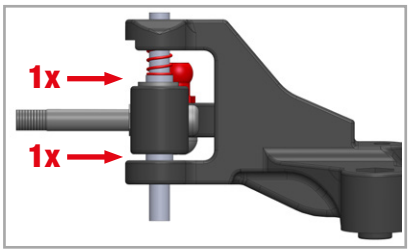
2x

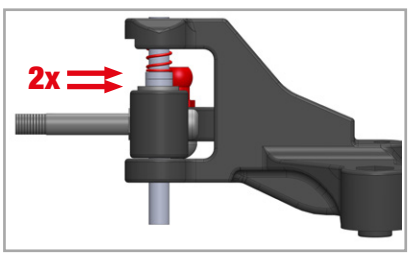


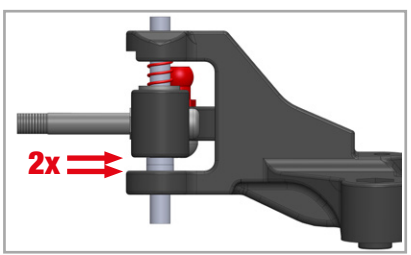
HEX BUTTON HEAD SCREWS
DIN 7380 - STEEL

- 6 M2.5x6mm #C-3003-25-06
- 8 M3x8mm #C-3003-30-08

Adjust ground clearance by moving the shims



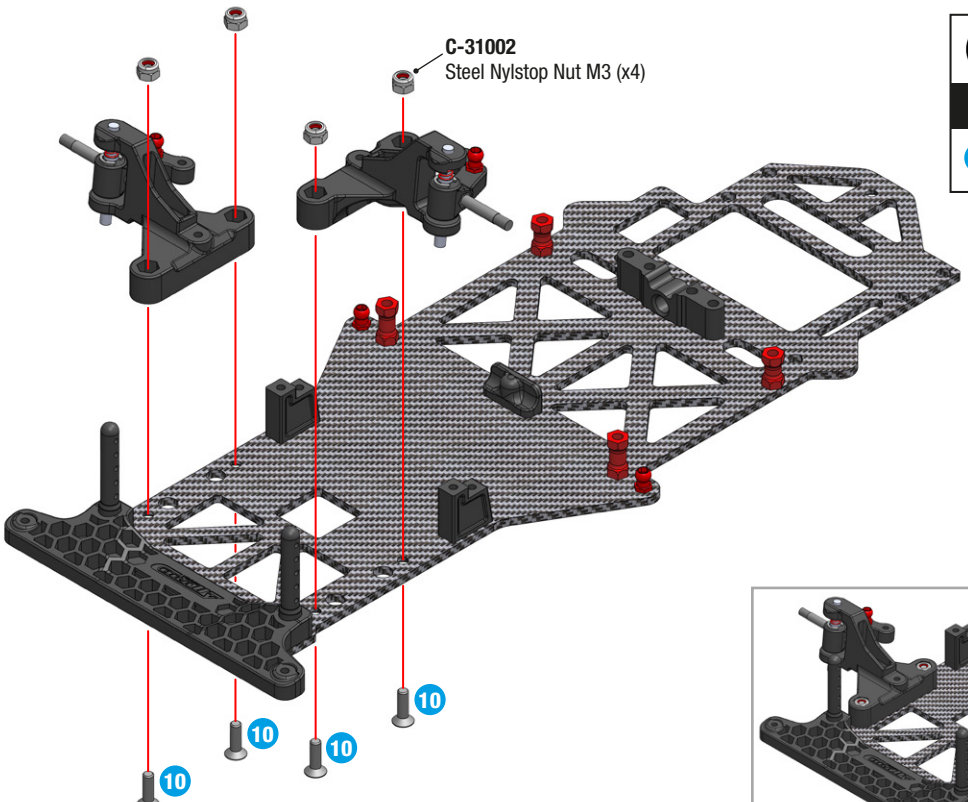




Socket Head Screw | Button Head Screw | Flat Head Screw

4 FRONT BULKHEADS INSTALLATION

BAG 3



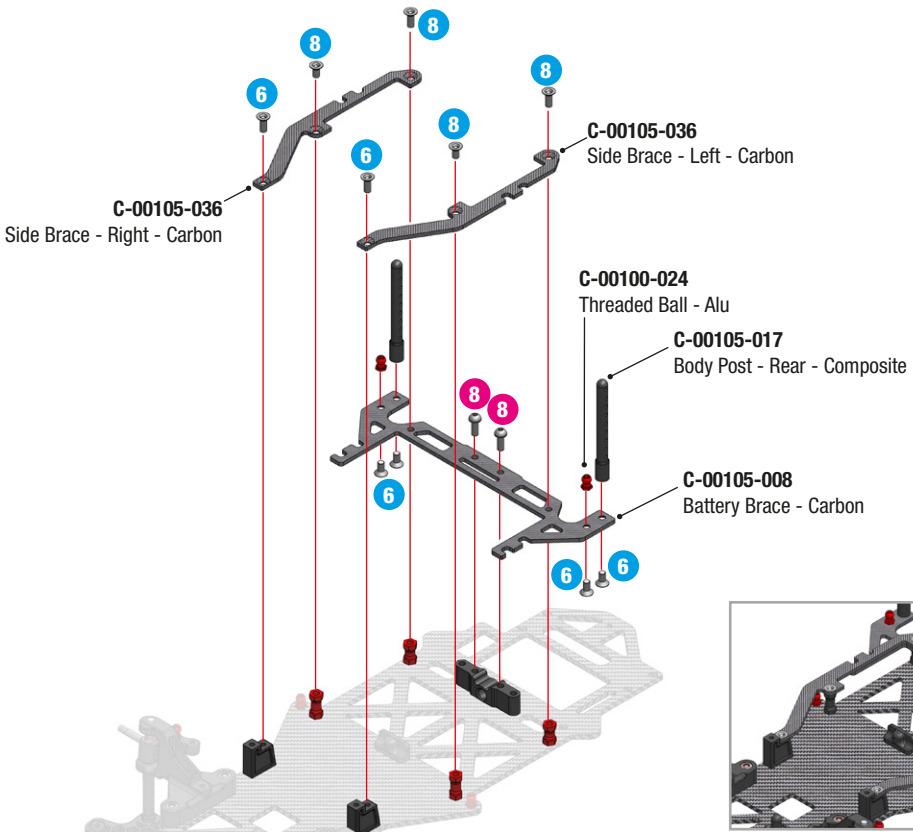


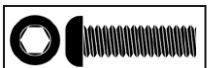
HEX FLAT HEAD SCREWS
DIN 7991 - STEEL

10 M3x10mm
#C-3002-30-10

5 SIDE AND CENTRE BRACES INSTALATION

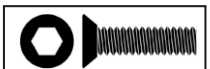
BAG 4





HEX BUTTON HEAD SCREWS
DIN 7380 - STEEL

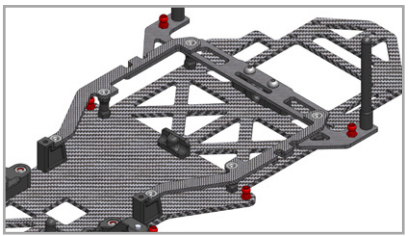
8 M3x8mm #C-3003-30-08



HEX FLAT HEAD SCREWS
DIN 7991 - STEEL

6 M3x6mm #C-3002-30-06

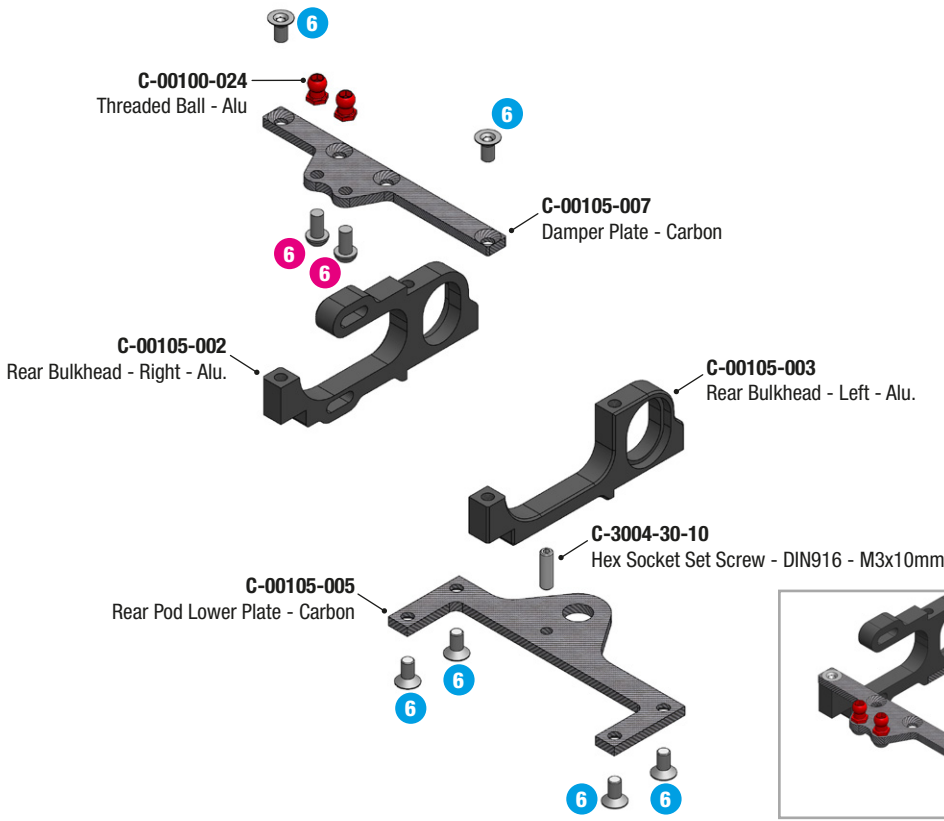
8 M3x8mm #C-3002-30-08

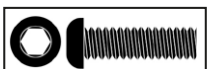


Socket Head Screw Button Head Screw Flat Head Screw

6 REAR POWER POD ASSEMBLY

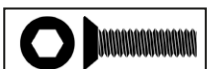






HEX BUTTON HEAD SCREWS
DIN 7380 - STEEL

6 M3x6mm
#C-3003-30-06



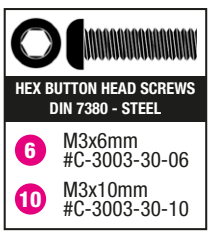
HEX FLAT HEAD SCREWS
DIN 7991 - STEEL

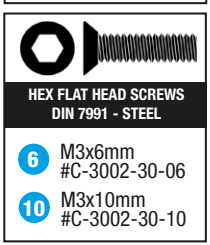
6 M3x6mm
#C-3002-30-06

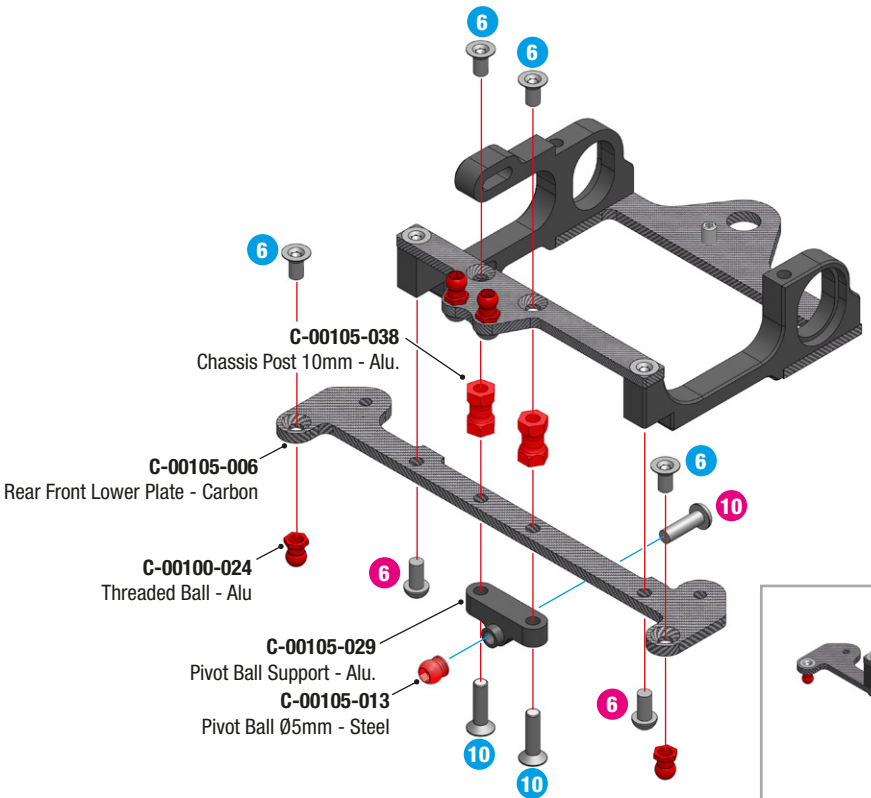


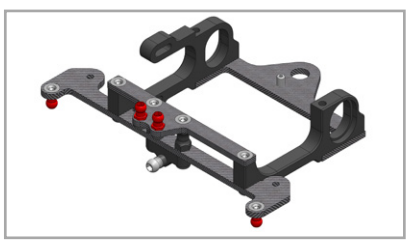
7 REAR POWER POD ASSEMBLY







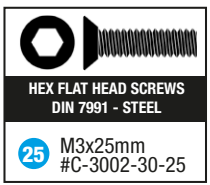


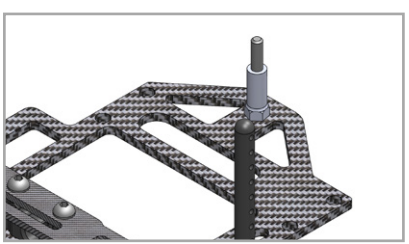


Socket Head Screw | Button Head Screw | Flat Head Screw

8 REAR DAMPER POST ASSEMBLY







9 REAR POWER POD INSTALLATION





C-31002
Steel Nylstop Nut M3 (x2)



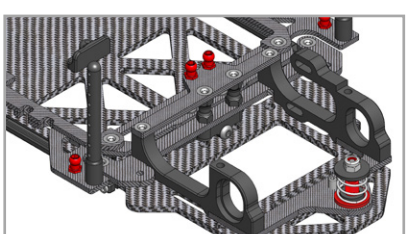
C-00105-025
Rear Damper Upper Ring - Composite

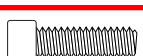


C-00105-031
Rear Damper Spring - Steel



C-00105-026
Rear Damper Lower Ring - Aluminium



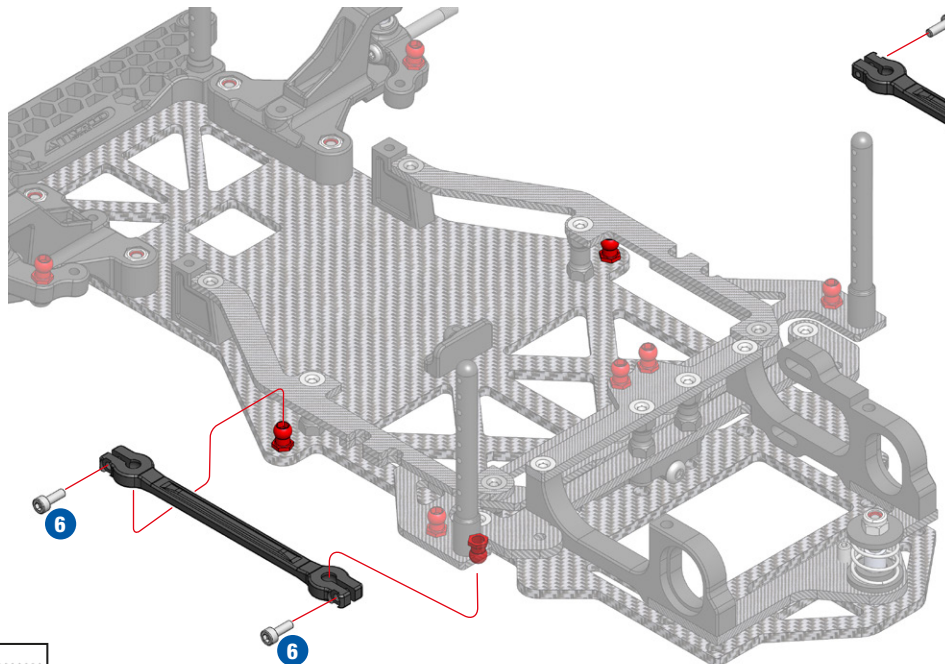

Socket Head Screw

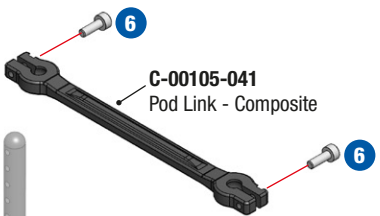

Button Head Screw


Flat Head Screw

10 SIDE POD LINK INSTALLATION



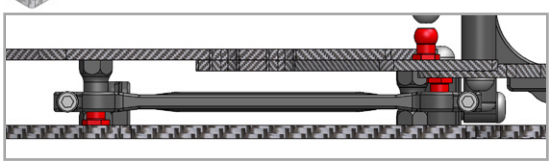






HEX SOCKET HEAD SCREWS
DIN 912 - STEEL

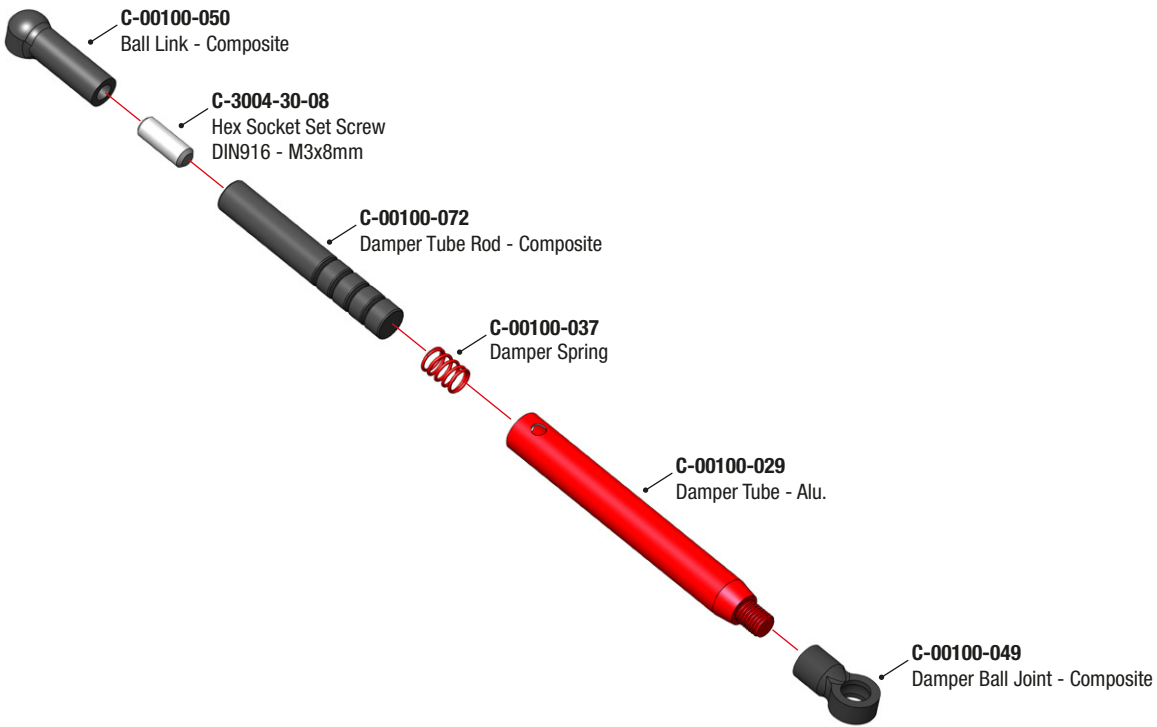
6 M2x6mm
#C-3001-20-06



11 SIDE LINK DAMPER ASSEMBLY

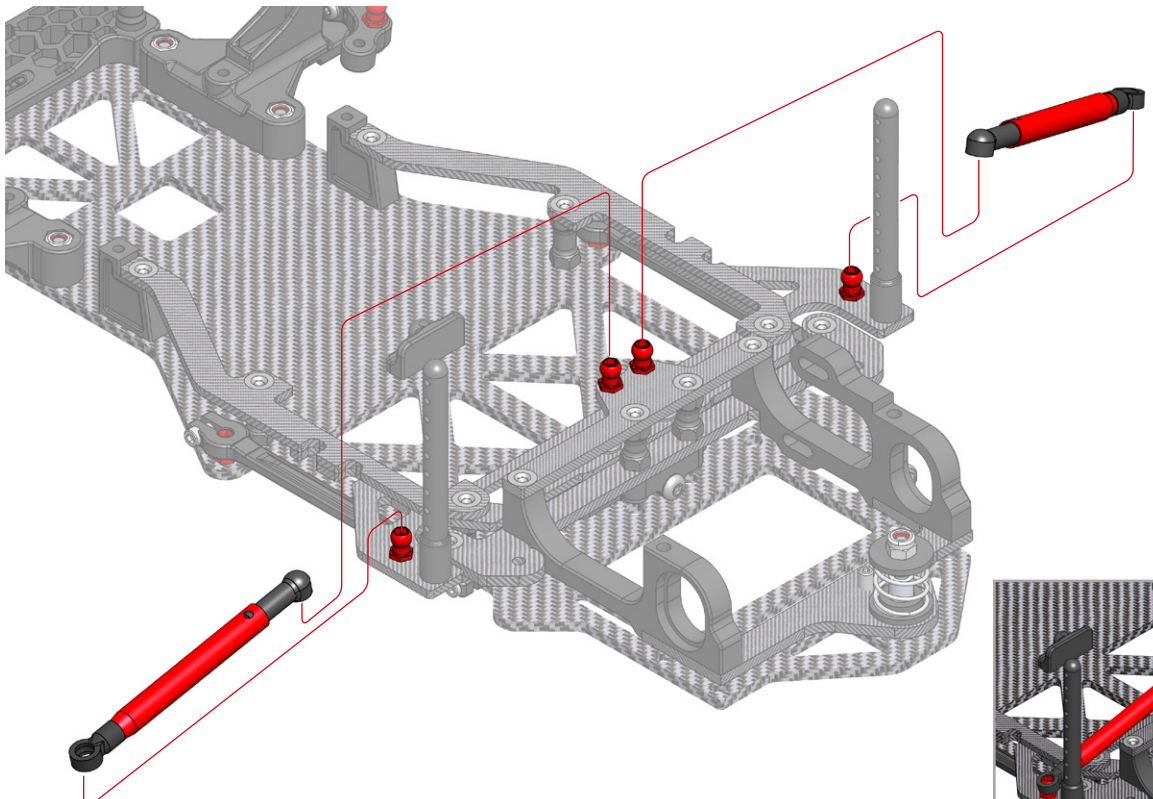
BAG 6

2x

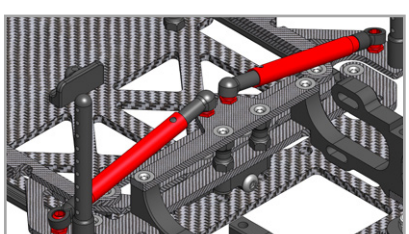


Socket Head Screw Button Head Screw Flat Head Screw

12 SIDE LINK DAMPER INSTALLATION

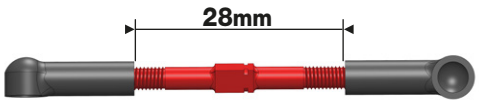




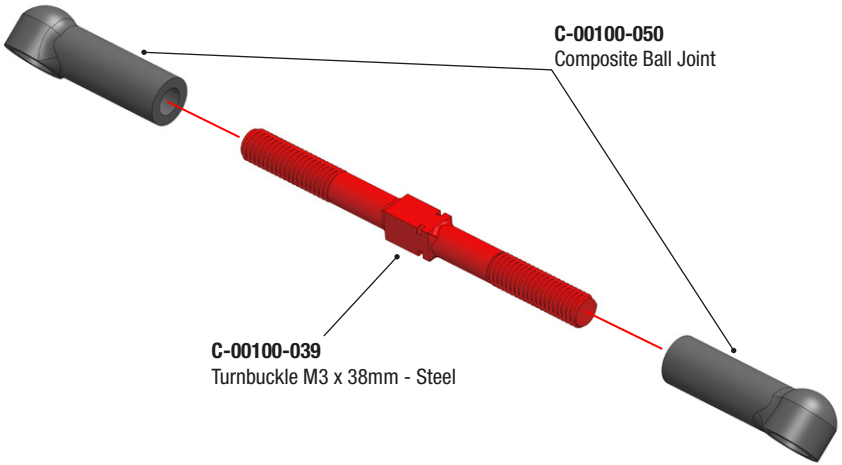


13 STEERING LINKAGE ASSEMBLY

BAG 7

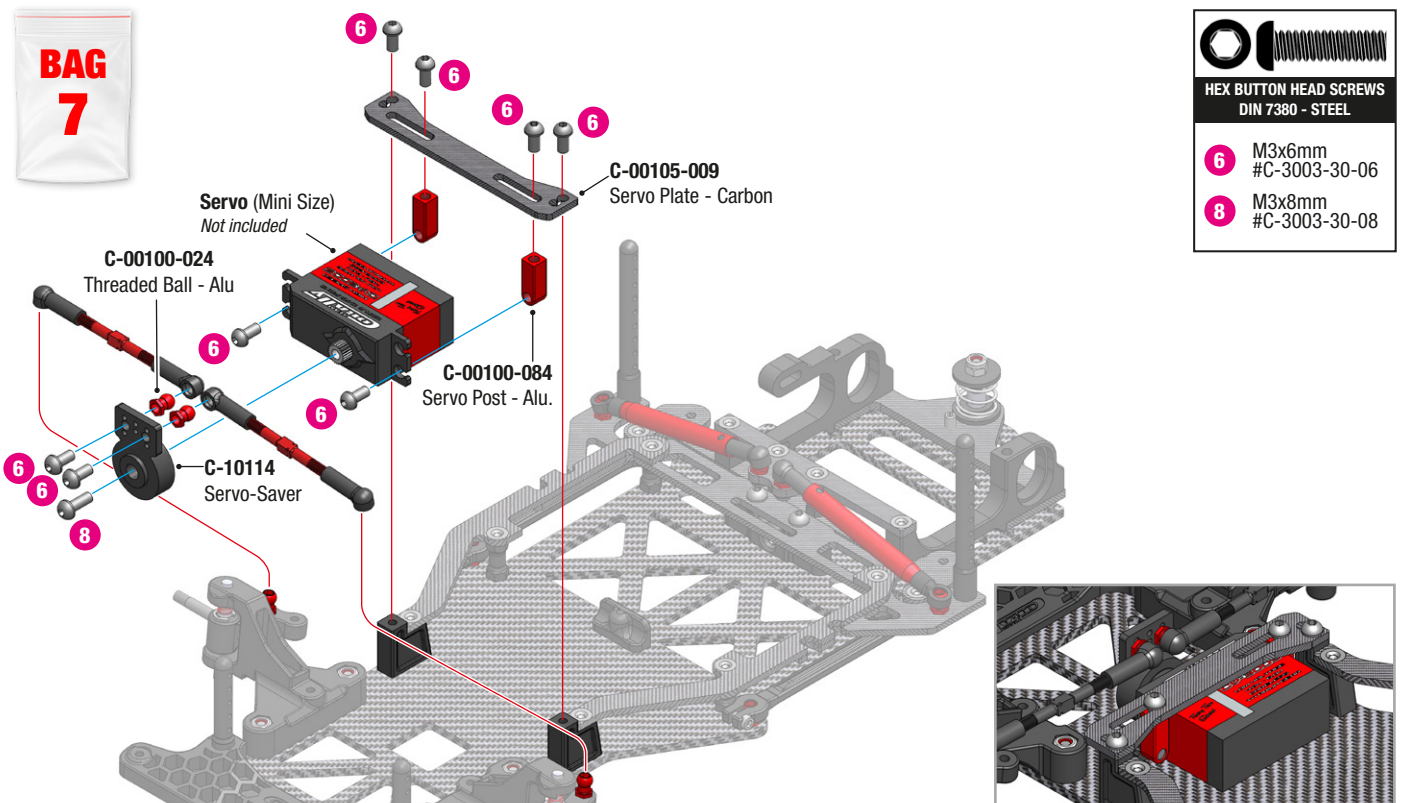


2x



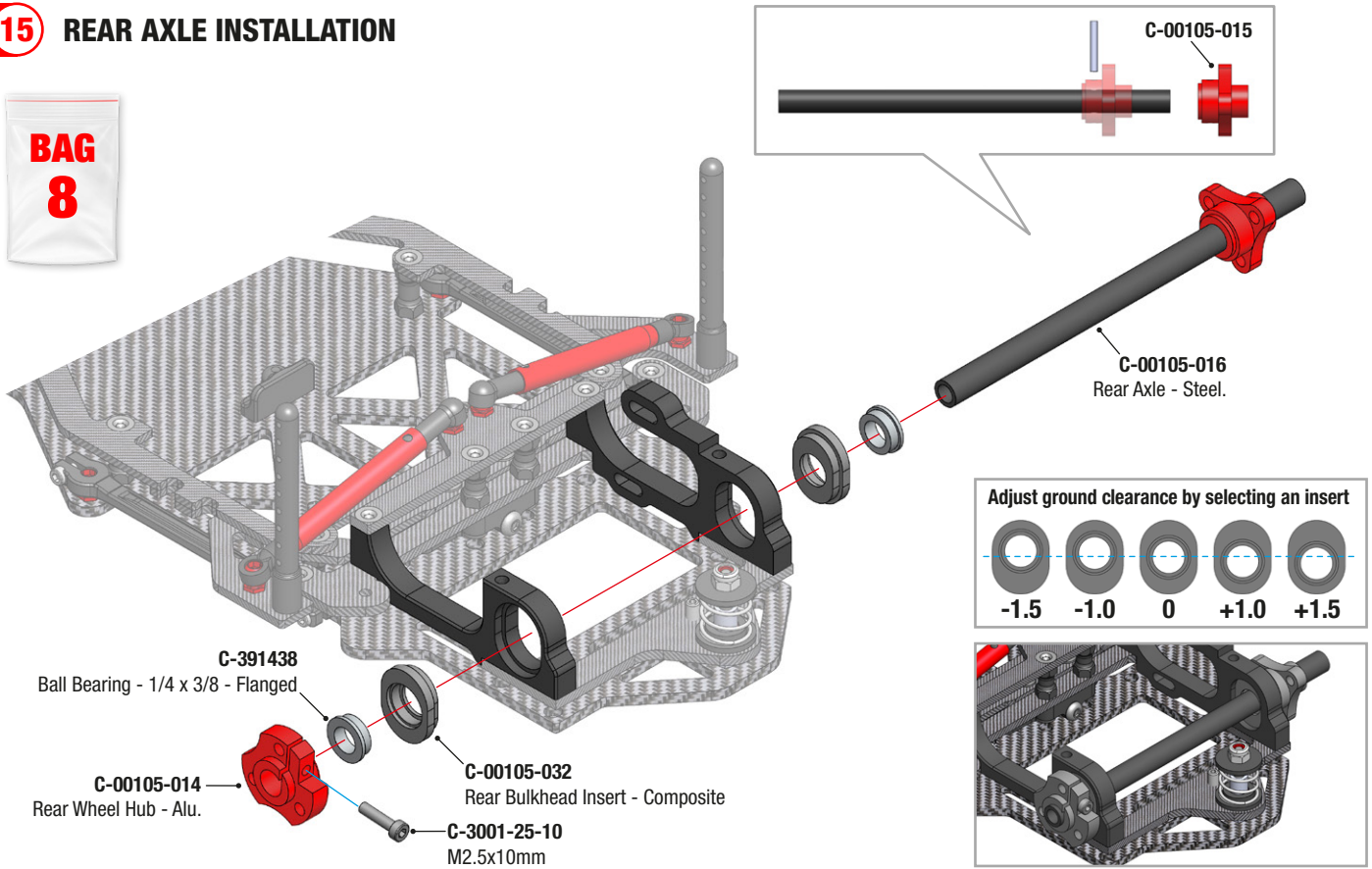
Socket Head Screw Button Head Screw Flat Head Screw

14 SERVO INSTALLATION



15 REAR AXLE INSTALLATION

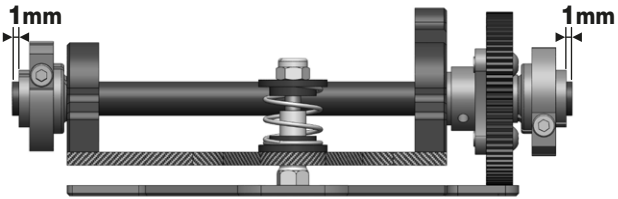
BAG 8

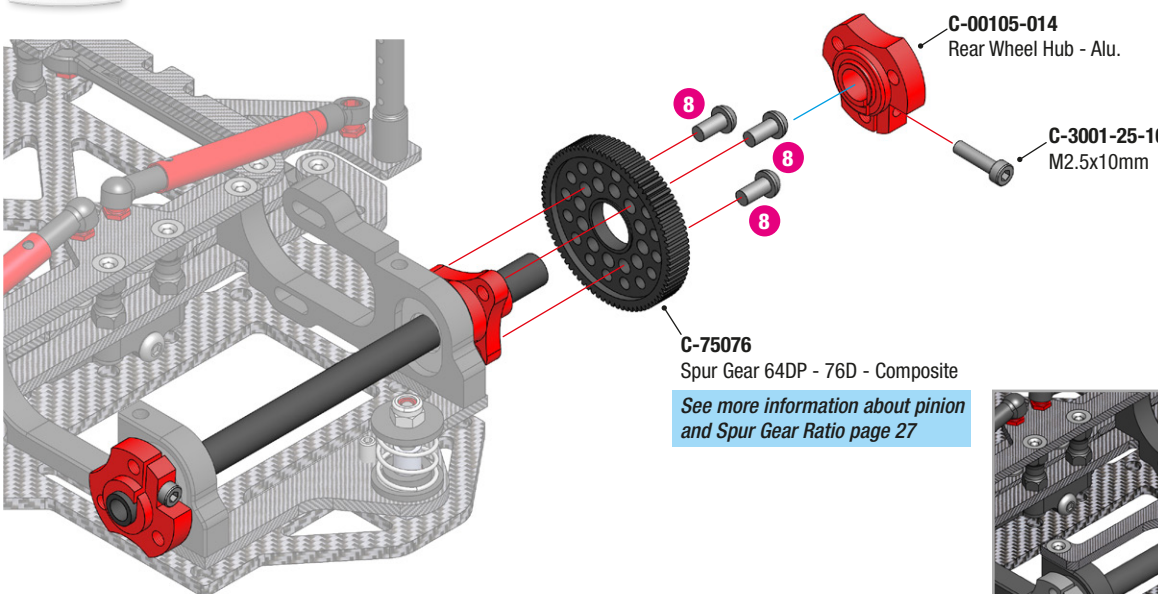


Socket Head Screw Button Head Screw Flat Head Screw

16 SPUR GEAR INSTALLATION





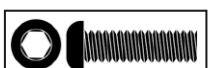


C-00105-014
Rear Wheel Hub - Alu.

C-3001-25-10
M2.5x10mm

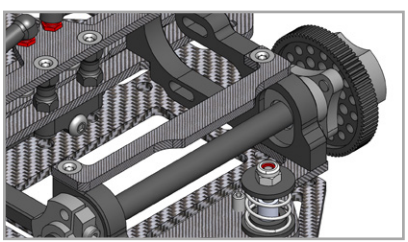
C-75076
Spur Gear 64DP - 76D - Composite

See more information about pinion and Spur Gear Ratio page 27



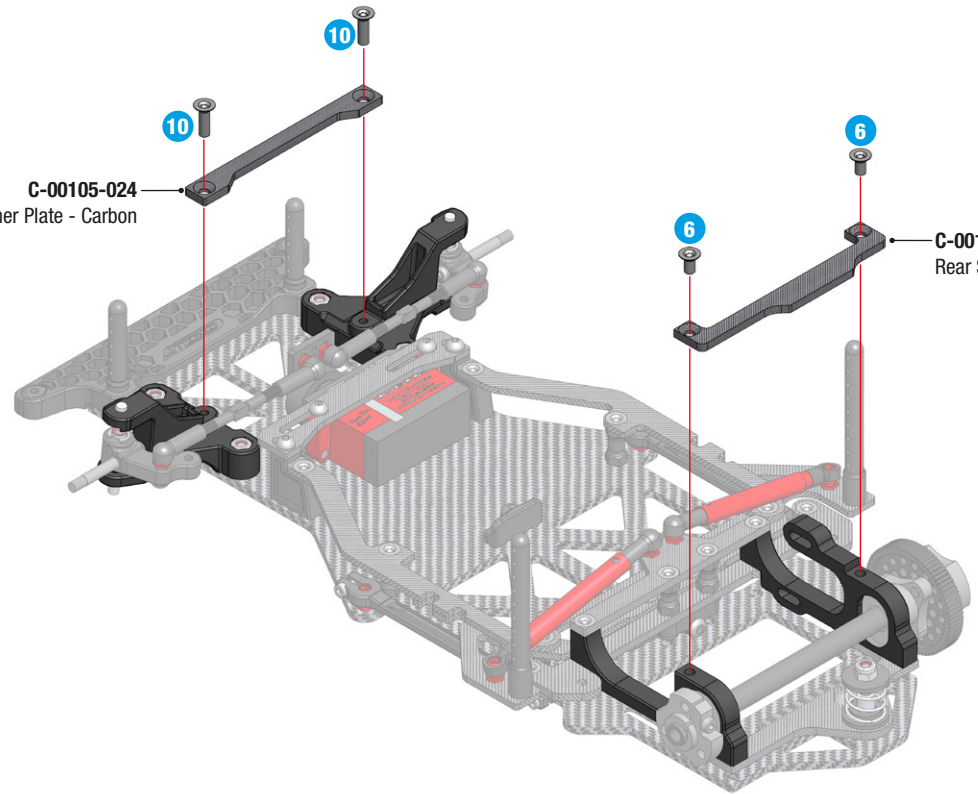
HEX BUTTON HEAD SCREWS
DIN 7380 - STEEL

8 M3x8mm
#C-3003-30-08



17 FRONT & REAR STIFFENERS INSTALLATION

BAG 9

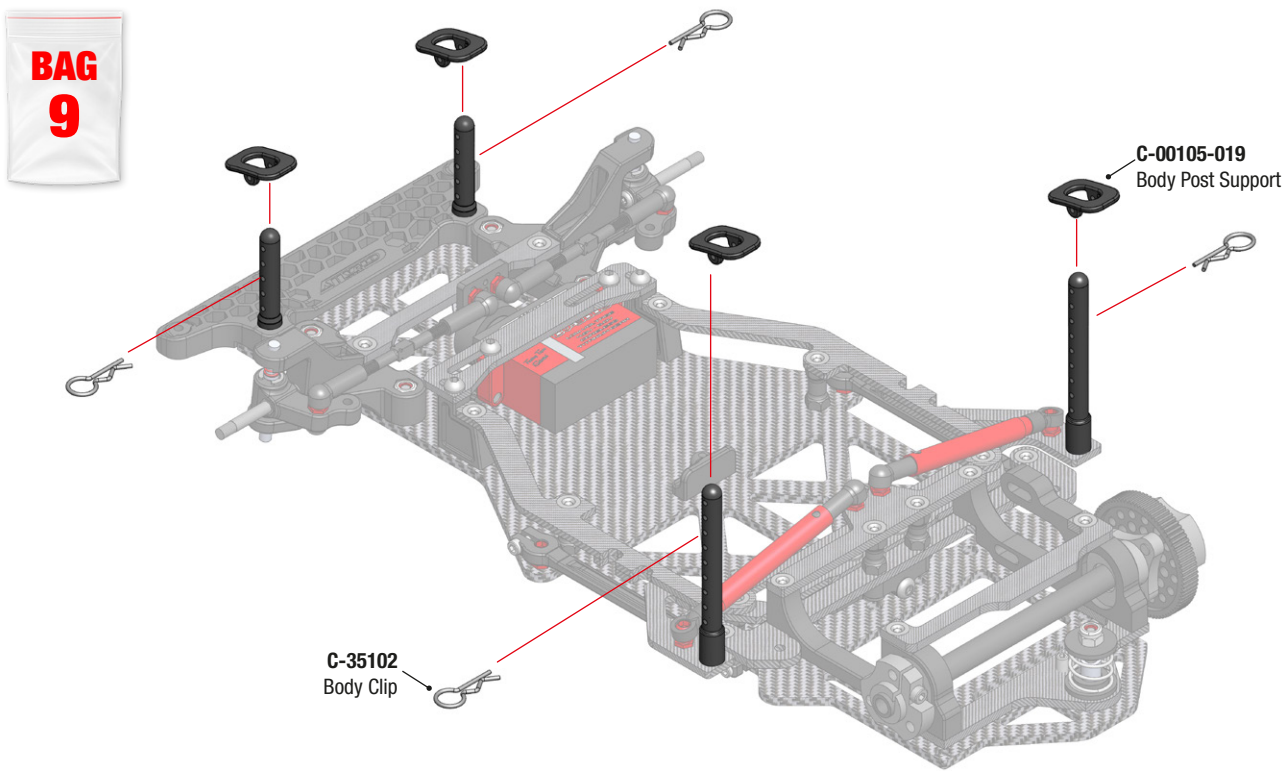


HEX FLAT HEAD SCREWS
DIN 7991 - STEEL

6	M3x6mm #C-3002-30-06
10	M3x10mm #C-3002-30-10

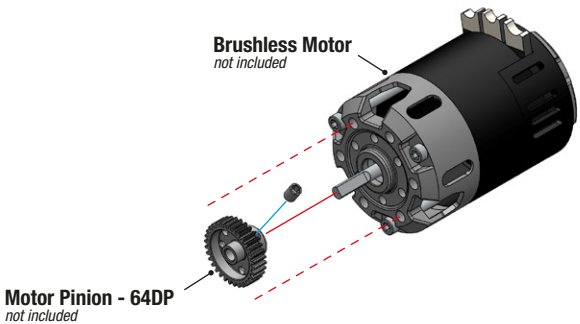
Socket Head Screw Button Head Screw Flat Head Screw

18 BODY POST INSTALLATION



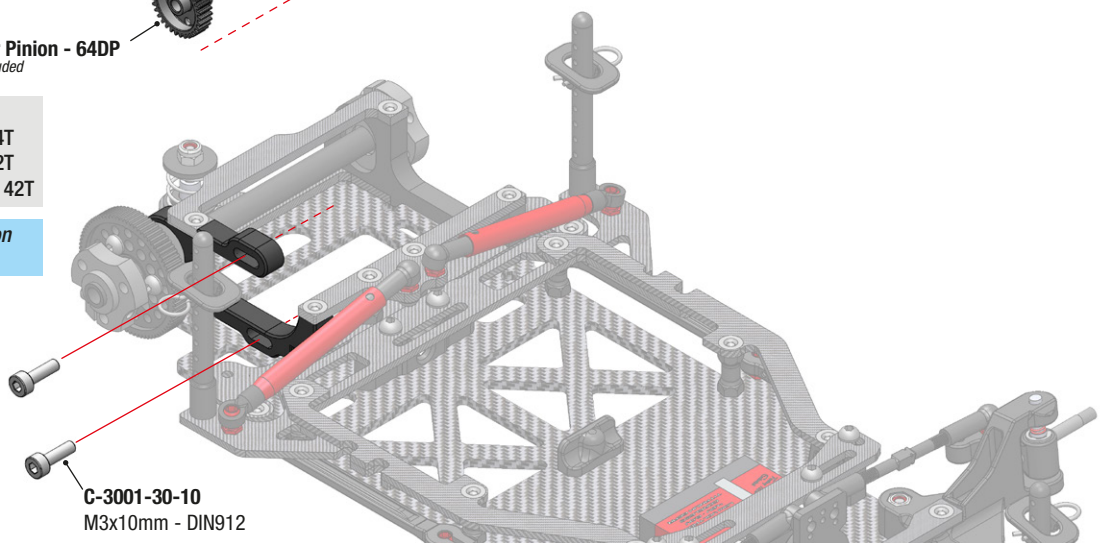
19 MOTOR INSTALLATION

BAG 10



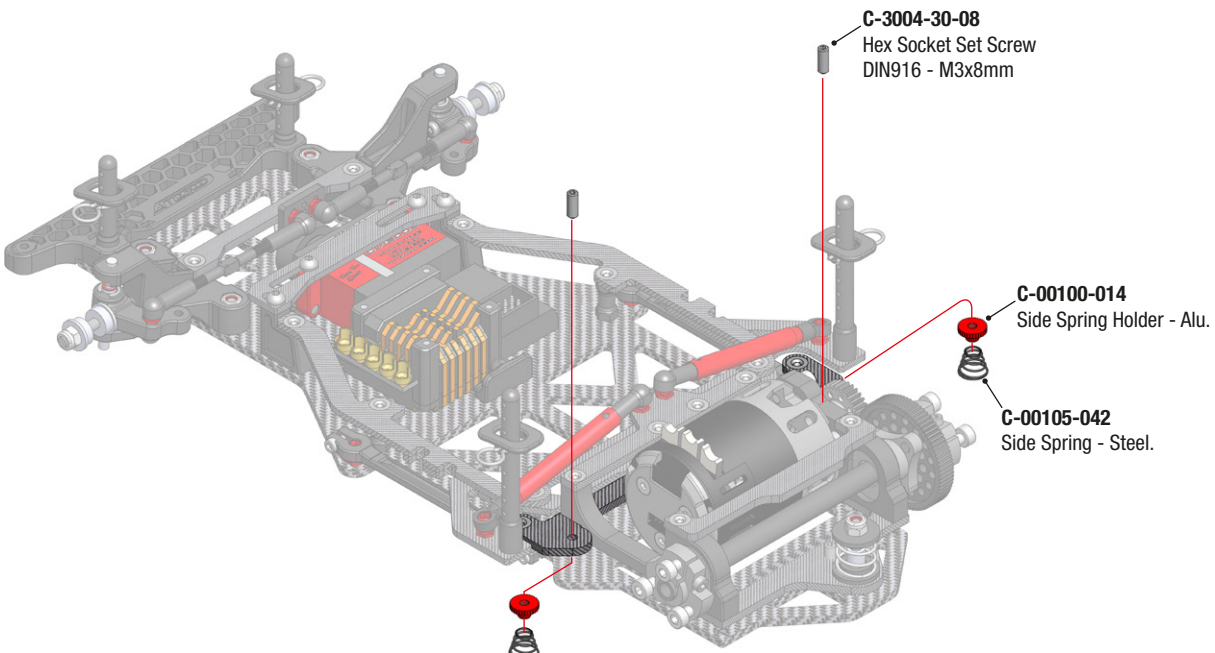
Motor Pinion Recommendation
Mod - 3.5T Motor : **64DP Pinion 24T**
Mod - 6.5T Motor : **64DP Pinion 32T**
Stock - 17.5T Motor : **64DP Pinion 42T**

See more information about pinion and Spur Gear Ratio page 27



Socket Head Screw Button Head Screw Flat Head Screw

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

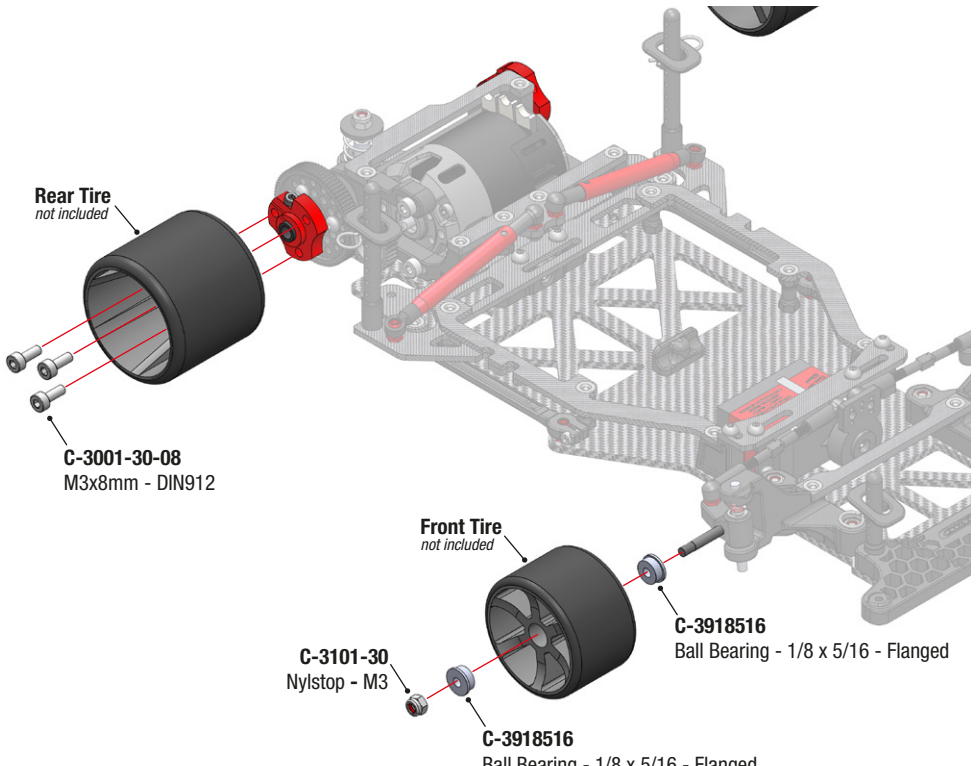
ATTACK FOAM FRONT TIRES 1/12 - CARBON RIMS - REAR



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

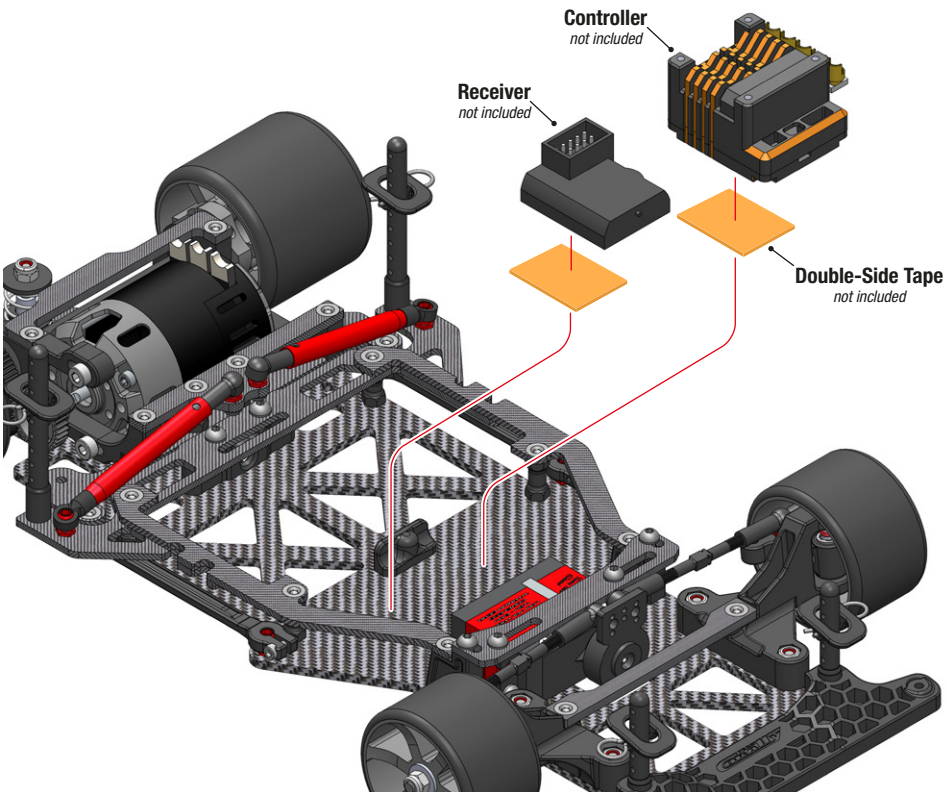
C-14725-32 Attack foam tires - **32** shore Pink

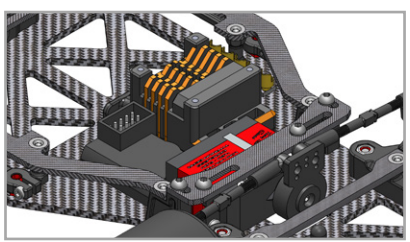
C-14725-35 Attack foam tires - **35** shore Pink



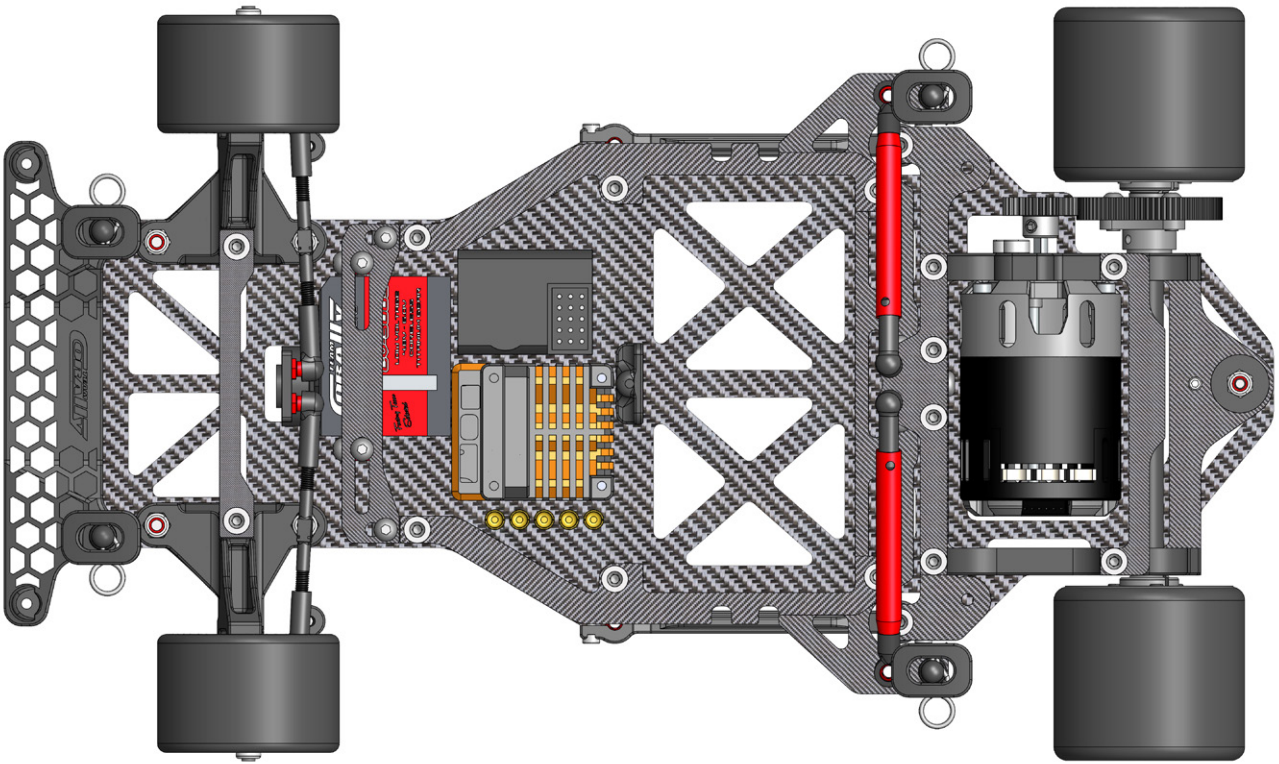
Socket Head Screw Button Head Screw Flat Head Screw

22 ELECTRONICS INSTALLATION





23 ELECTRONICS POSITION



Socket Head Screw Button Head Screw Flat Head Screw

PINION & SPUR GEAR RATIO CHART

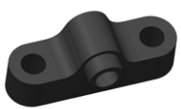
RATIO						ROLLOUT (mm) with Original Spur Gear 76T						
Pinion (T)	SPUR GEAR (T) Spur Gear / Pinion = Ratio					*Ø Tyre x π (3,14) x Pinion (nb of T) : Spur Gear (Original 76T)* *= The distance of one complete wheel rotation (mm)*						
	72	76	80	84	88	Ø40 mm	Ø40,5 mm	Ø41 mm	Ø41,5 mm	Ø42 mm	Ø42,5 mm	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	51,18	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

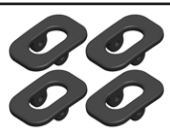
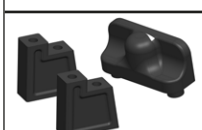
Supplied in kit

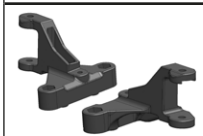
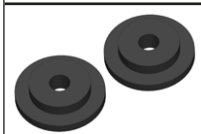
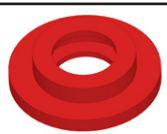
	C-00100-014	Alum. Side Spring Holder - 2 pcs
	C-00100-024	Alum. Steering Ball 4.25mm - M3 - 4 pcs
	C-00100-029	Alum. Side Linkage Damper Tube - 2 pcs
	C-00100-037	Front Spring Coils - Red 0.4mm - Soft - 2 pcs
	C-00100-039	Turnbuckle M3 x 38mm - Steel - 2 pcs
	C-00100-049	Composite Ball Joint - Alum.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

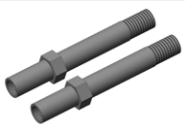
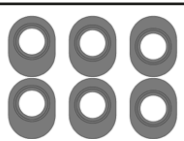
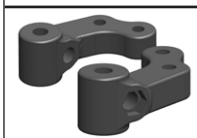
	C-00100-050	Composite Ball Joint - 4 pcs
	C-00100-072	Composite Damper Tube Rod - 2 pcs
	C-00100-084	Alum. Servo Mount Post - 2 pcs
	C-00100-105	Front Spring Coils - Blue 0.6mm - Hard - 2 pcs **OPTIONAL**
	C-00100-106	Front Spring Coils - Black 0.5mm - Medium - 2 pcs **OPTIONAL**
	C-00105-001	Chassis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

	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

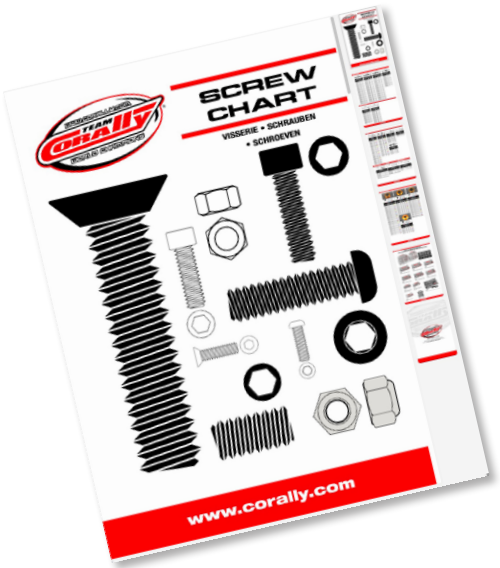
	C-00105-015	Spur Gear Holder - Aluminium - 1 pc
	C-00105-016	Rear Axle - Steel - 1 pc
	C-00105-017	Body Post - Rear - Composite - 4 pcs
	C-00105-018	Body Post - Front - Composite - 4 pcs
	C-00105-019	Body Post Support - Composite - 4pcs
	C-00105-020	Servo plate Support - Composite - Set

	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-32151	E-Clips Dia. 2.3mm - 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

RUBBER - ASPHALT



Tire Juice 33
RED 100ml

C-13761	Tire Juice 33

FOAM - ASPHALT



Tire Juice 44
YELLOW 100ml

C-13762	Tire Juice 44

RUBBER - CARPET



Tire Juice 55
BLUE 100ml

C-13763	Tire Juice 55

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 ø 3.17mm motor shaft.



Aluminium Steel



www.corally.com

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