HoBAO

HYPER

1/10 ELECTRIC TOURING CAR

H4 INSTRUCTION MANUAL

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MADE IN TAIWAN

HoBAO

HYPER

1/10 ELECTRIC TOURING CAR

H4 INSTRUCTION MANUAL

HYPER H4

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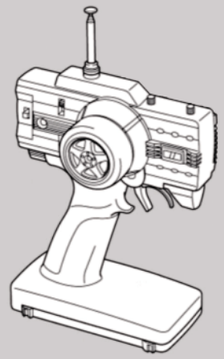
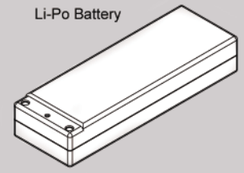
Radio control equipment set

Transmitter

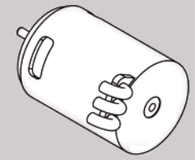


8 AA Size Batteries For Transmitter

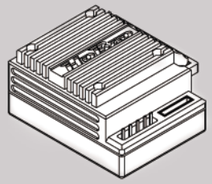
Li-Po Battery



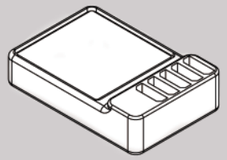
Motor



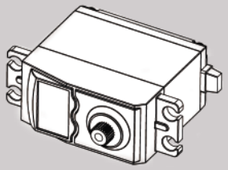
Electronic Speed Control



Receiver



Steering Servo



Tools recommended

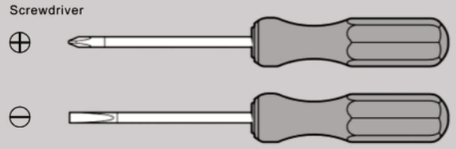
Hex wrench

2.5mm

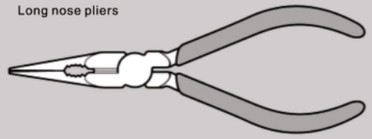
2mm

1.5mm

Screwdriver

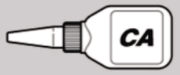


Long nose pliers



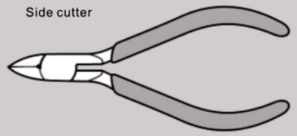
Modeling knife

Instant cement

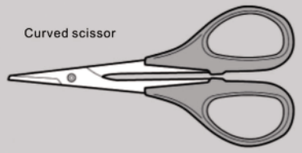


Thread lock

Side cutter



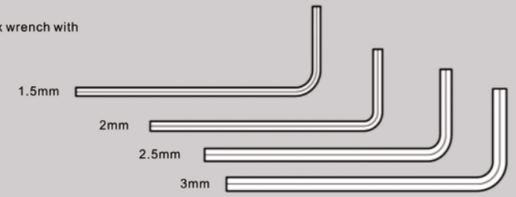
Curved scissor



Reamer

Included items

Hex wrench with

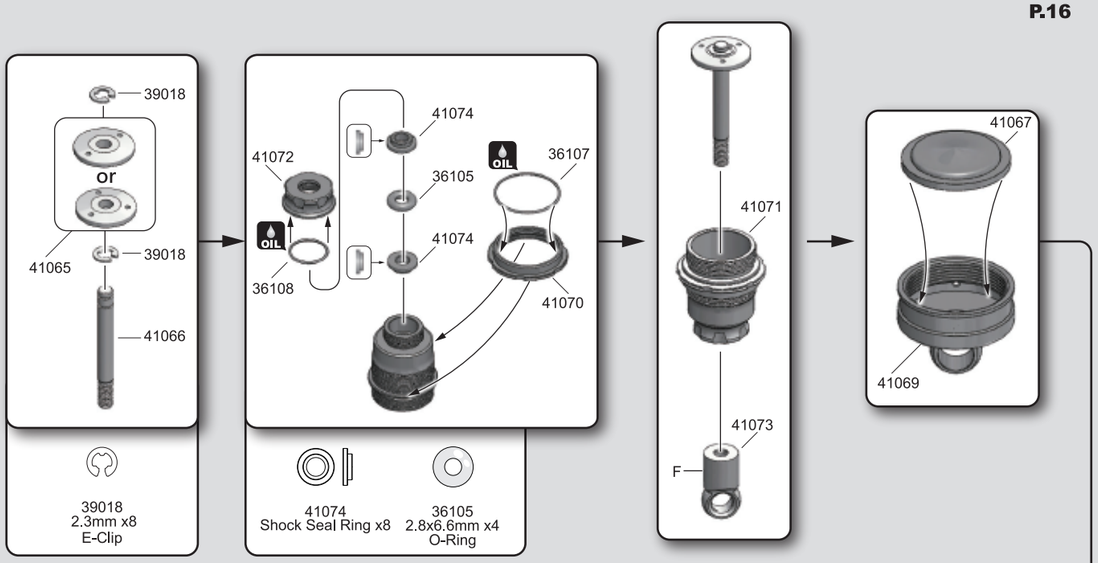


Wrench

1.Shock Assembly

A BAG **A**

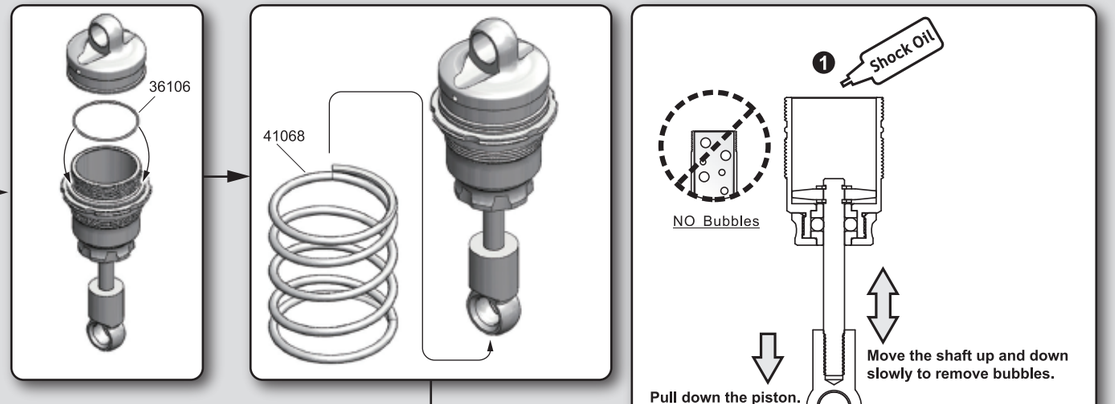
P.16

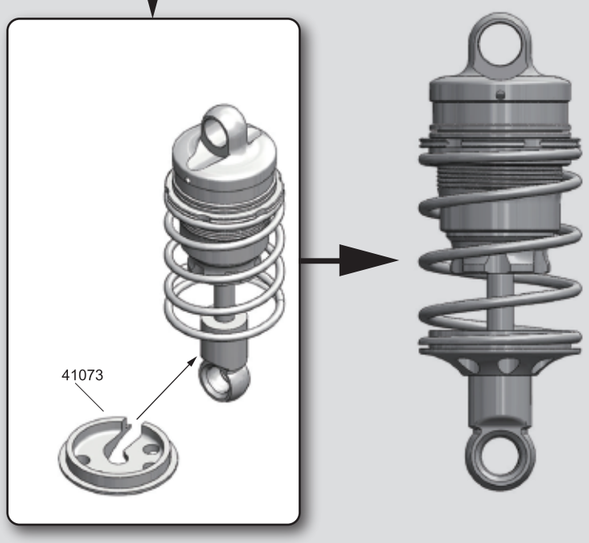


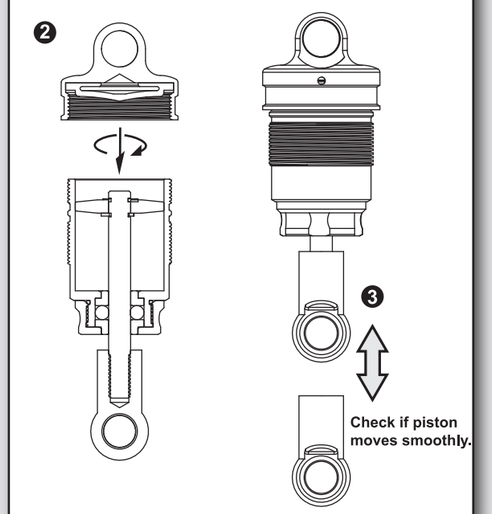
39018
2.3mm x8
E-Clip

41074
Shock Seal Ring x8

36105
2.8x6.6mm x4
O-Ring



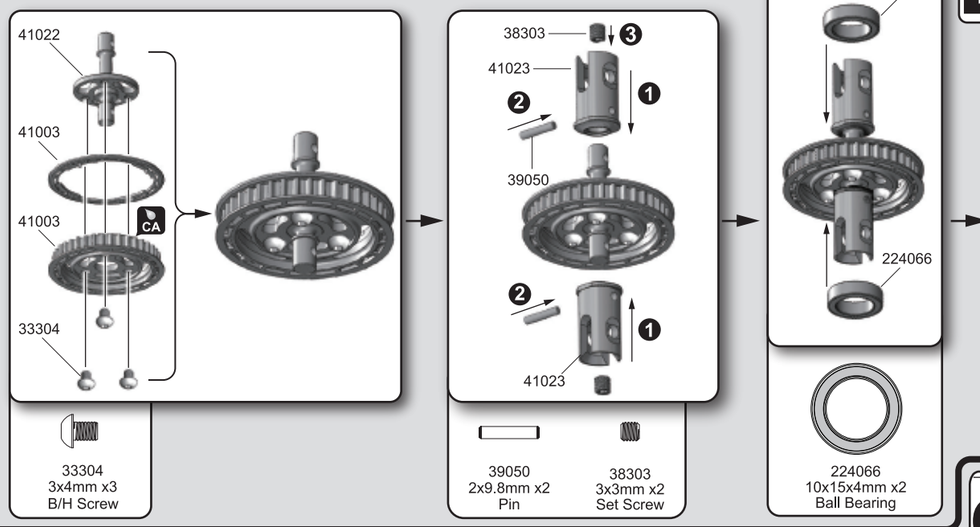




2.Front Differential Assembly

B BAG **B**

P.17



33304
3x4mm x3
B/H Screw

39050
2x9.8mm x2
Pin

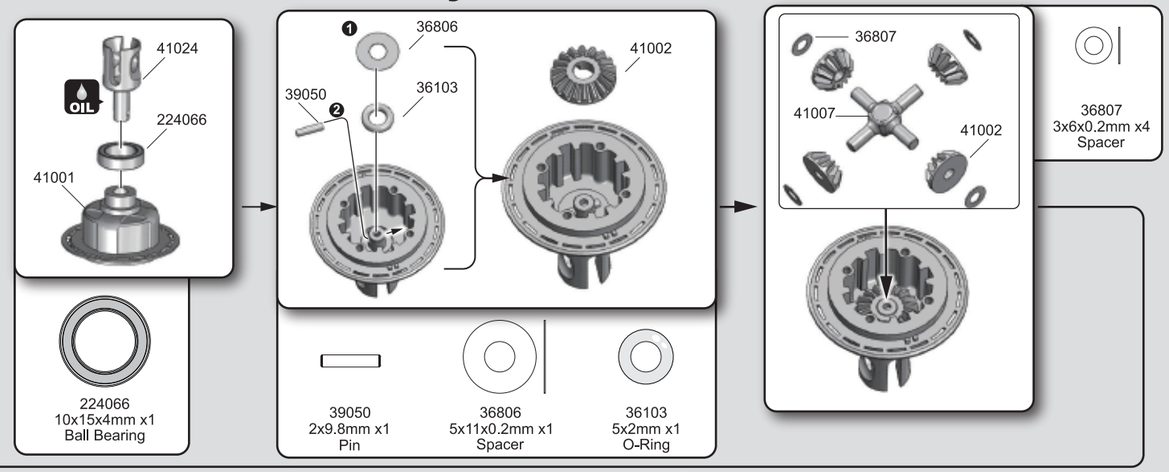
38303
3x3mm x2
Set Screw

224066
10x15x4mm x2
Ball Bearing

3.Rear Differential Assembly

C BAG **C**

P.19

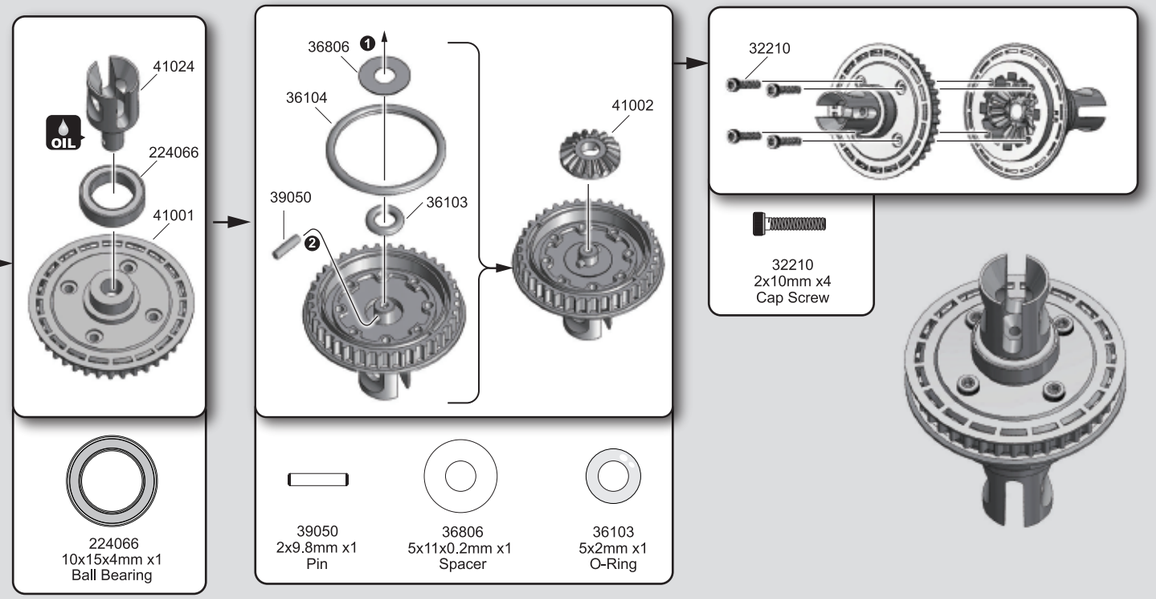


224066
10x15x4mm x1
Ball Bearing

39050
2x9.8mm x1
Pin

36806
5x11x0.2mm x1
Spacer

36103
5x2mm x1
O-Ring



224066
10x15x4mm x1
Ball Bearing

39050
2x9.8mm x1
Pin

36806
5x11x0.2mm x1
Spacer

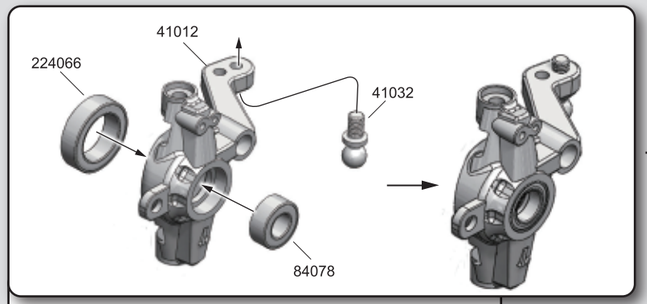
36103
5x2mm x1
O-Ring

32210
2x10mm x4
Cap Screw

4.Steering Knuckle Assembly

D BAG B

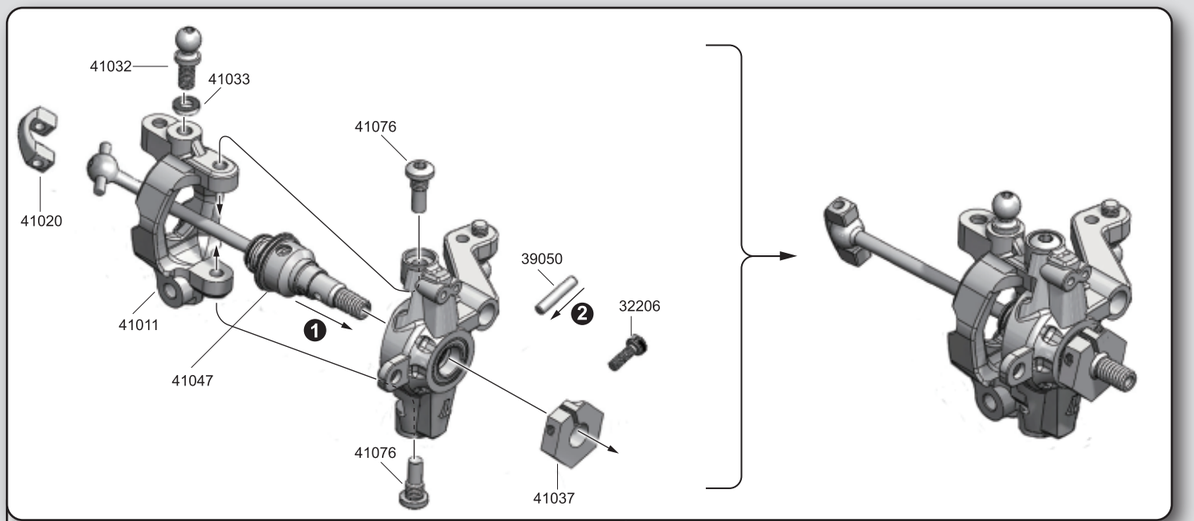
P.17



224066
10x15x4mm x2
Ball Bearing

84078
6x10x3mm x2
Ball Bearing

41032
4.8xM3x6mm x2
Ball Stud



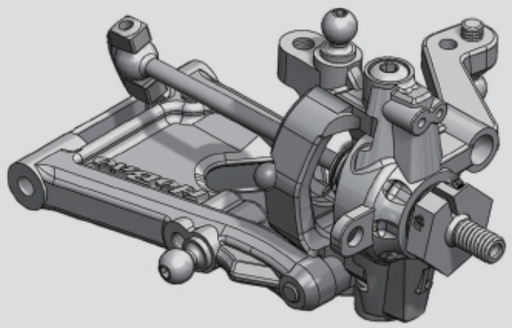
32206
2x6mm x2
Cap Screw

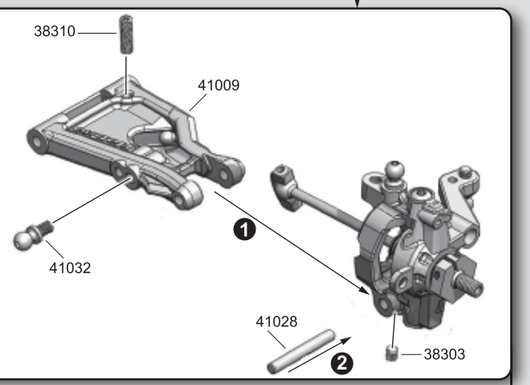
39050
2x9.8mm x2
Pin

41076
KingPin Screw x4

41032
4.8xM3x6mm x2
Ball Stud

41033
3x6x1mm x2
Alum Washer





38303
3x3mm x2
Set Screw

41032
4.8xM3x6mm x2
Ball Stud

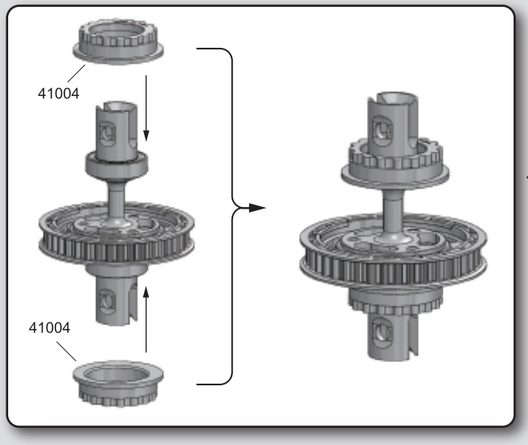
38310
3x10mm x2
Set Screw

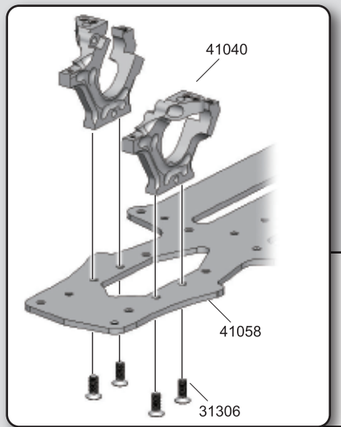
41028
3x22mm x2
Pivot Shaft

5.Front Differential Mount Assembly

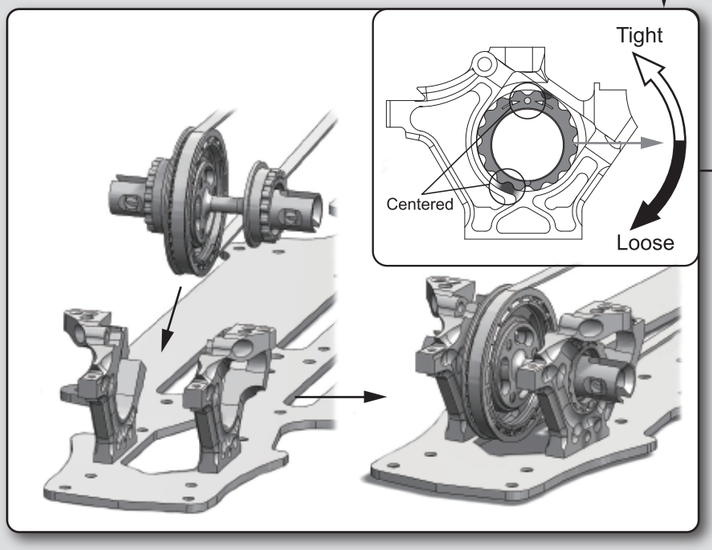
D BAG B

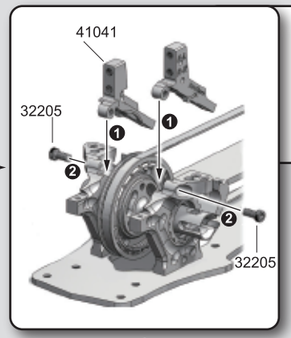
P.17



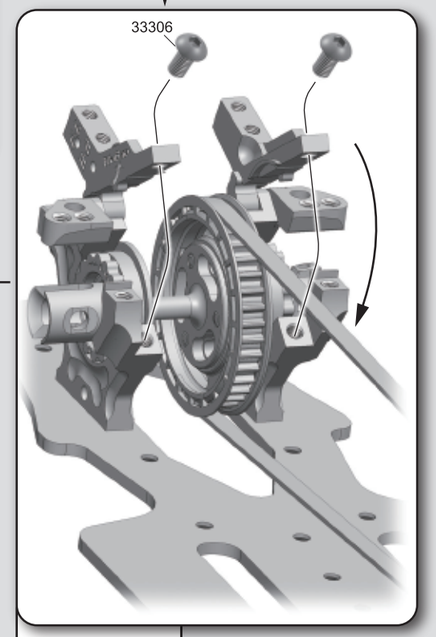


31306
3x6mm x4
F/H Screw

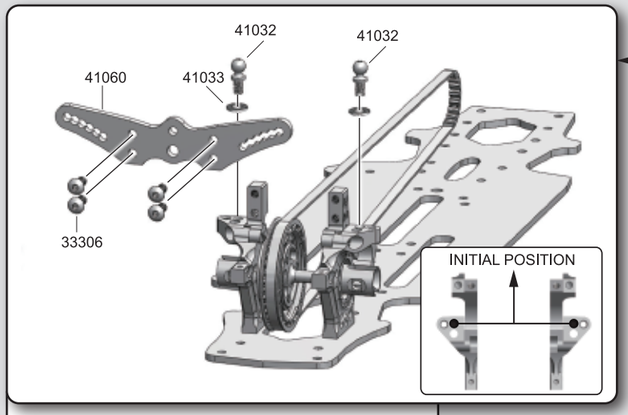




32205
2.6x5mm x2
Cap Screw



33306
3x6mm x2
B/H Screw



41032
4.8xM3x6mm x2
Ball Stud

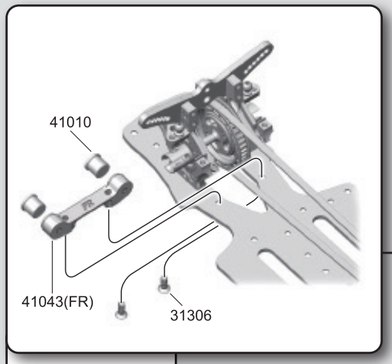
33306
3x6mm x4
B/H Screw

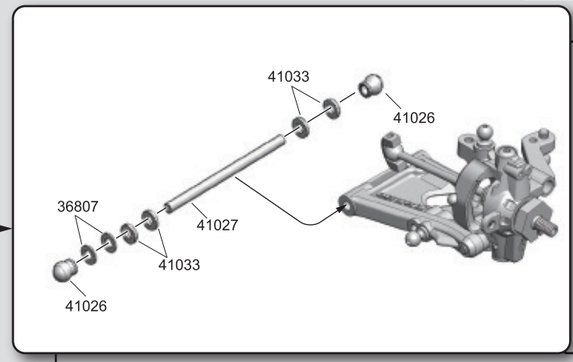
41033
3x6x1mm x2
Alum Washer

6.Front Suspension & Chassis Assembly

D BAG B

P.17~18

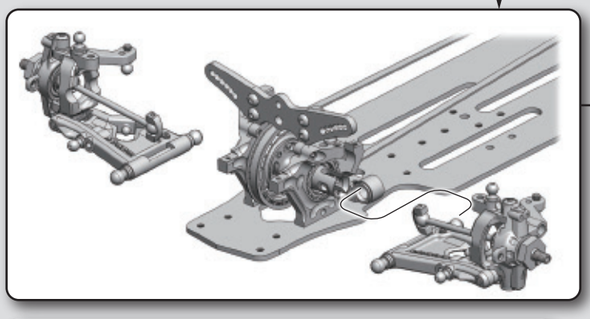


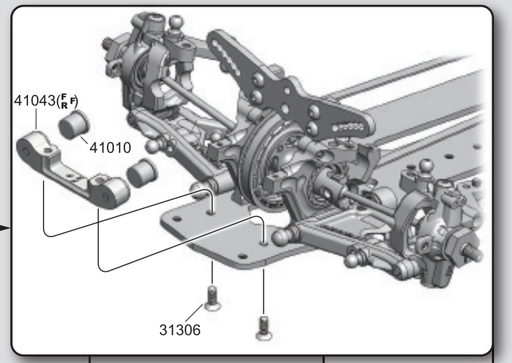


41033
3x6x1mm x8
Alum Washer

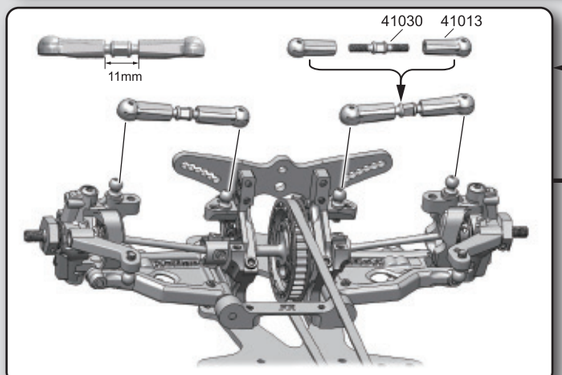
36807
3x6x0.2mm x4
Washer

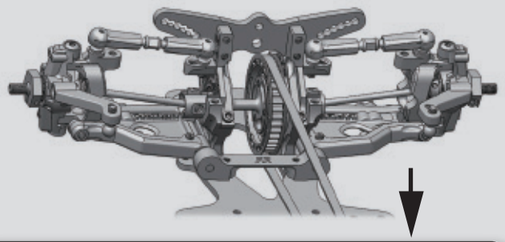
31306
3x6mm x2
F/H Screw

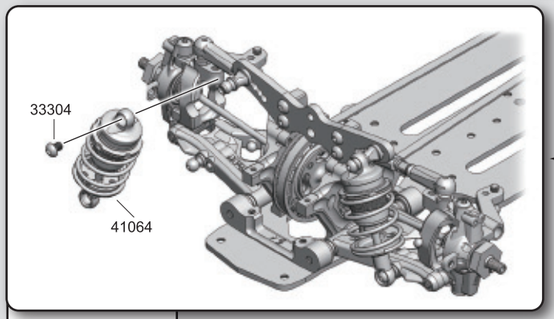


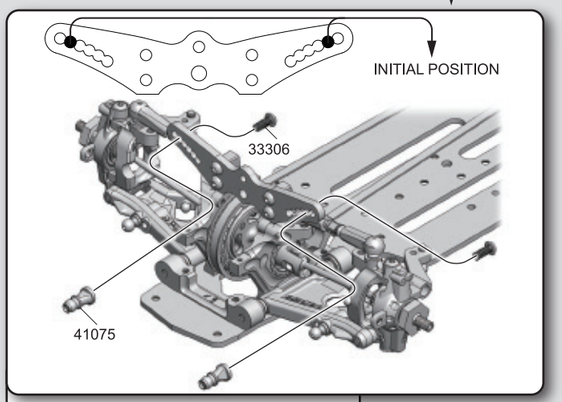


31306
3x6mm x2
F/H Screw









33304
3x4mm x2
B/H Screw

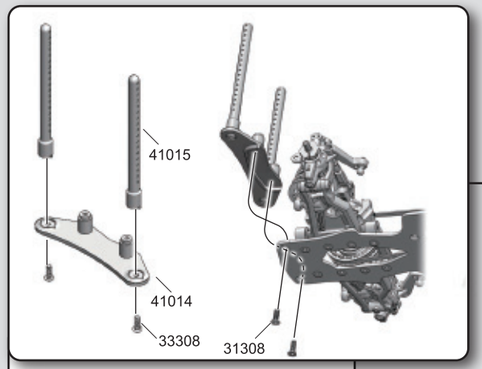
33306
3x6mm x2
B/H Screw

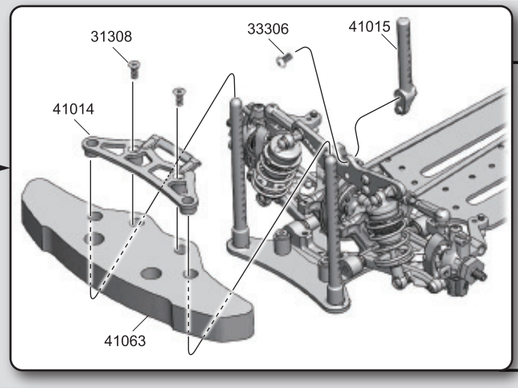
41075
Alum Shock Ball Stud x2

7.Front Suspension & Chassis Assembly

E BAG B

P.18





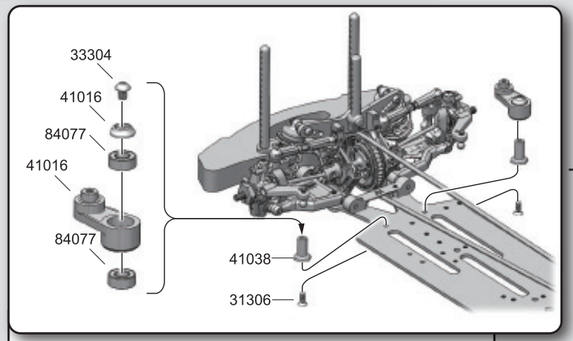
33308
3x8mm x2
B/H Screw

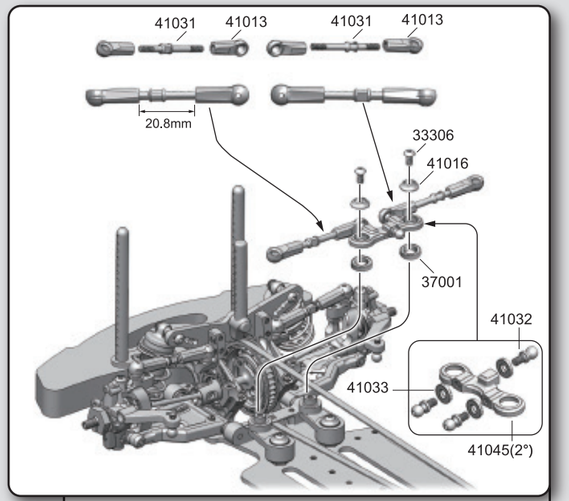
31308
3x8mm x2
F/H Screw

33306
3x6mm x1
B/H Screw

31308
3x8mm x2
F/H Screw

F BAG





33304
3x4mm x2
B/H Screw

31306
3x6mm x2
F/H Screw

84077
5x10x4mm x4
Ball Bearing

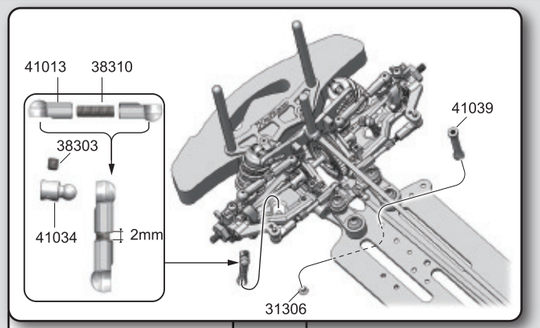
37001
6x10x2.5mm x2
Ball Bearing

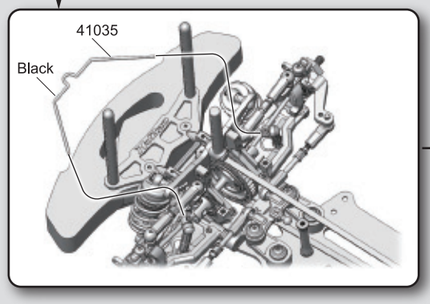
33306
3x6mm x2
B/H Screw

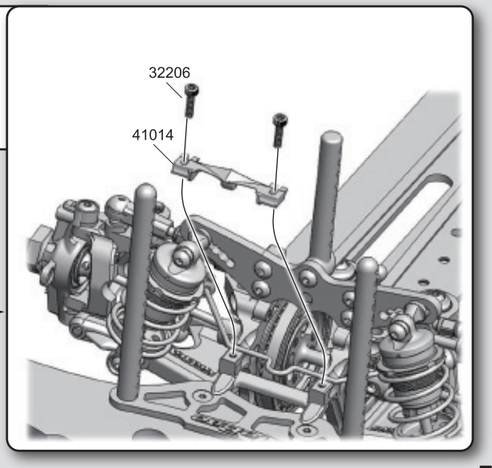
41032
4.8xM3x6mm x3
Ball Stud

41033
3x6x1mm x8
Alum Washer

D BAG







38303
3x3mm x2
Set Screw

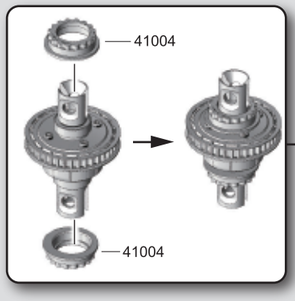
38310
3x10mm x2
Set Screw

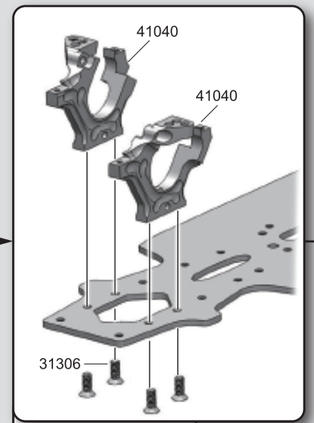
31306
3x6mm x1
F/H Screw

32206
2x6mm x2
Cap Screw

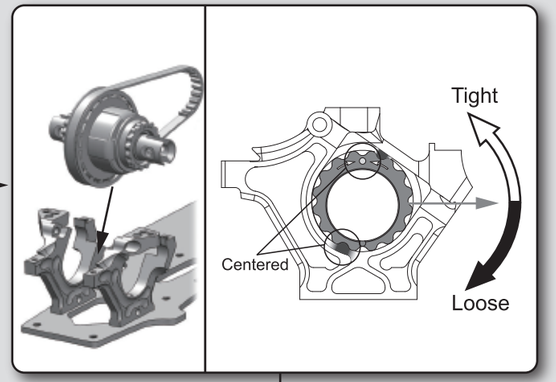
8.Rear Differential Mount Assembly

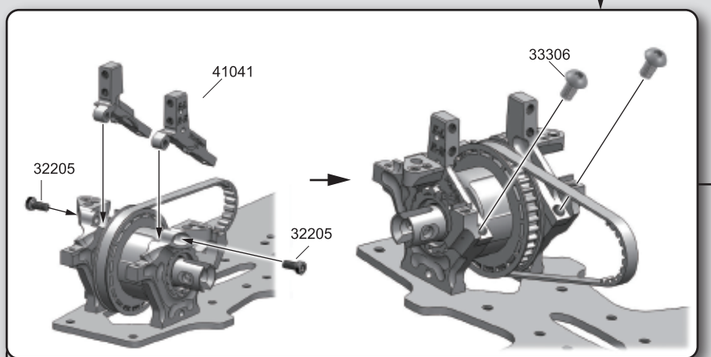
G BAG C P.19





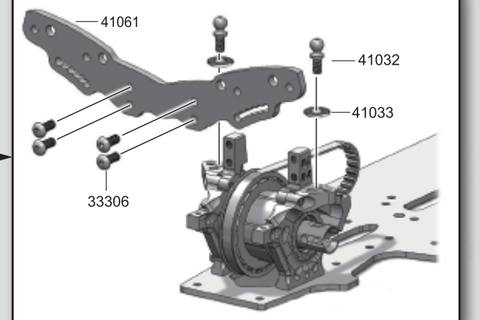
31306
3x6mm x4
F/H Screw





32205
2.6x5mm x2
Cap Screw

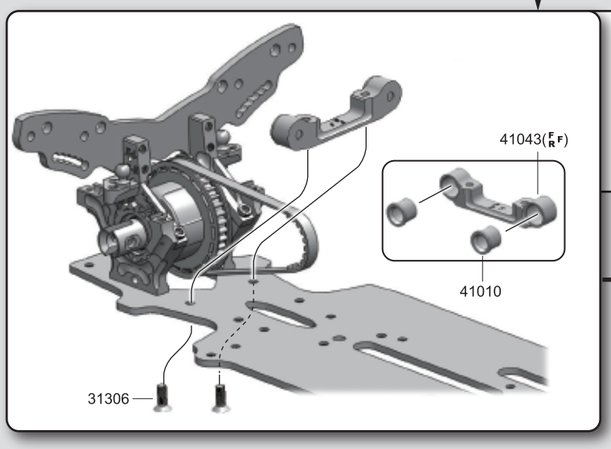
33306
3x6mm x2
B/H Screw



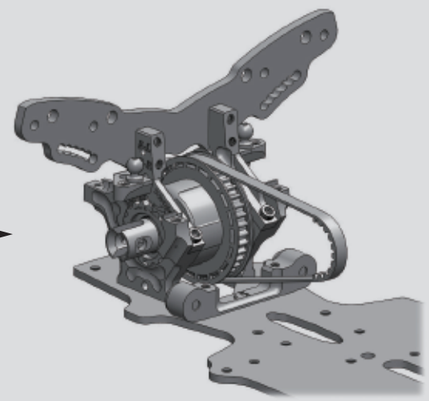
41033
3x6x1mm x2
Alum Washer

41032
4.8xM3x6mm x2
Ball Stud

33306
3x6mm x4
B/H Screw

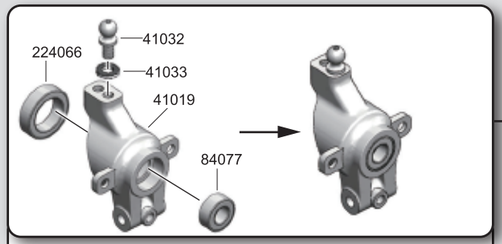


31306
3x6mm x2
F/H Screw



9.Rear Hub & Rear Suspension 1

C P.19 G BAG

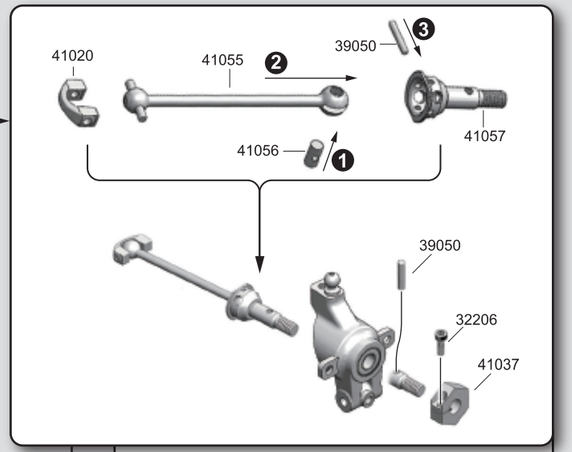


224066
10x15x4mm x2
Ball Bearing

84077
5x10x4mm x2
Ball Bearing

41032
4.8xM3x6mm x2
Ball Stud

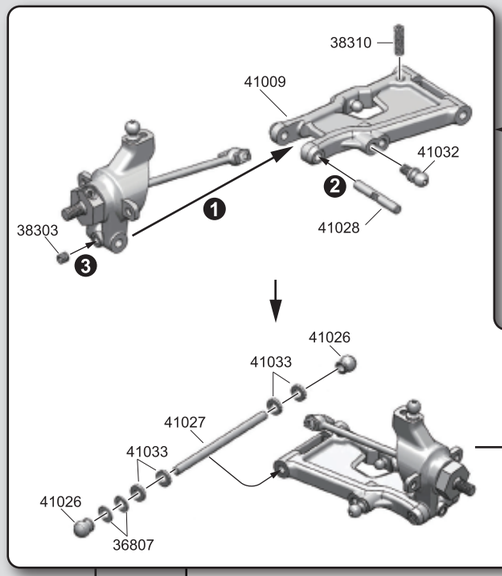
41033
3x6x1mm x2
Washer



32206
2x6mm x2
Cap Screw

39050
2x9.8mm x4
Pin

41056
3x6mm x2
Pin



36807
3x6x0.2mm x4
Washer

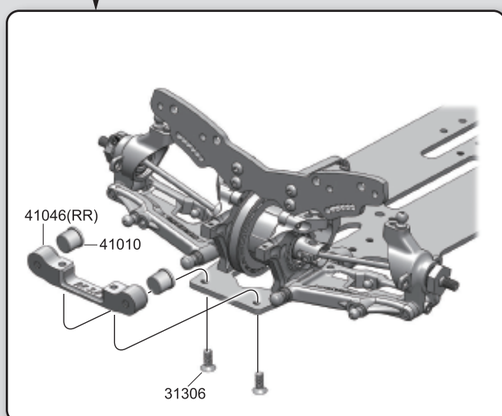
41033
3x6x1mm x8
Alum Washer

41032
4.8xM3x6mm x2
Ball Stud

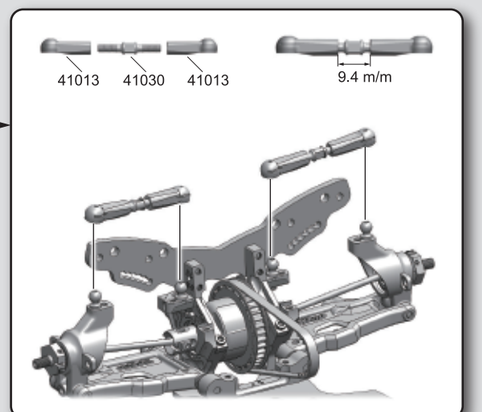
38310
3x10mm x2
Set Screw

38303
3x3mm x2
Set Screw

41028
3x22mm x2
Pivot Shaft



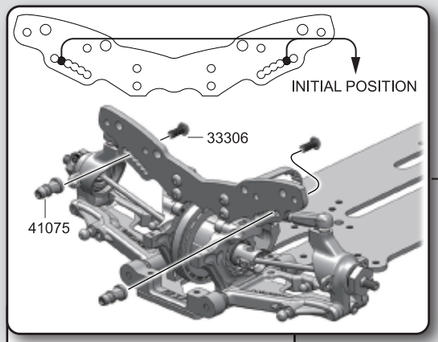
31306
3x6mm x2
F/H Screw



10.Rear Hub & Rear Suspension 2

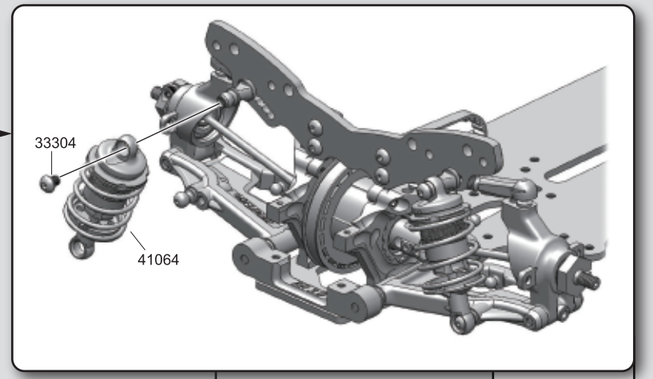
G BAG C

P.20

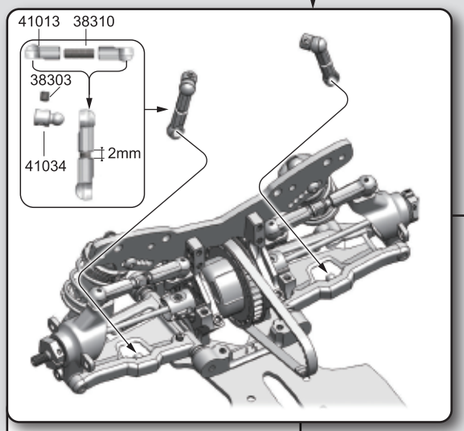


33306
3x6mm x2
B/H Screw

41075
Alum Shock Ball Stud x2

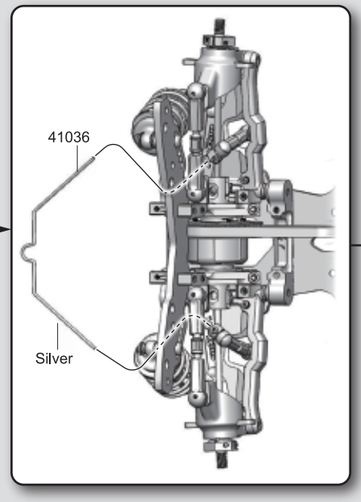


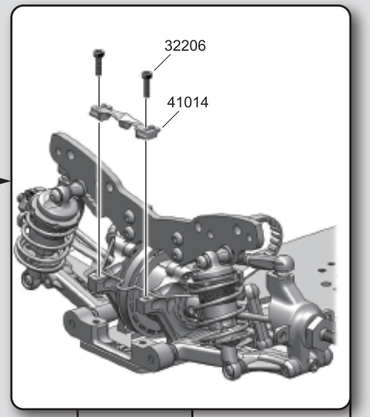
33304
3x4mm x2
B/H Screw



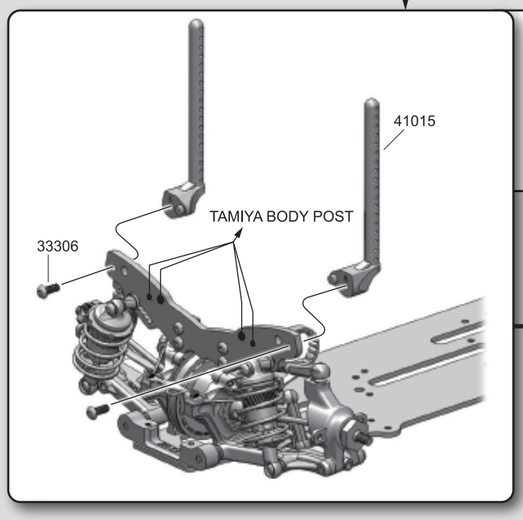
38303
3x3mm x2
Set Screw

38310
3x10mm x2
Set Screw

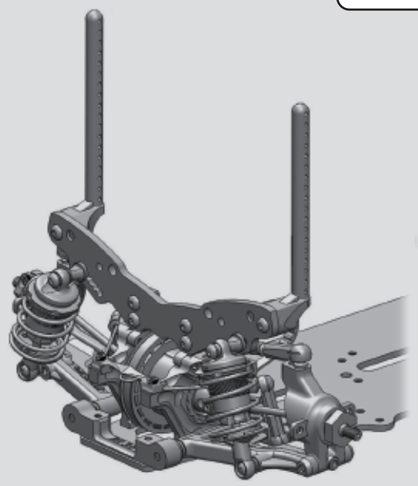




32206
2x6mm x2
Cap Screw



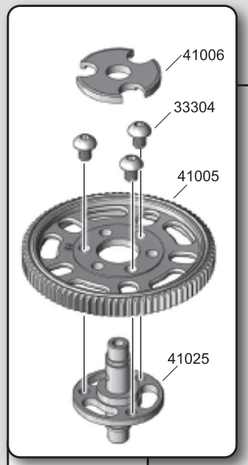
33306
3x6mm x2
B/H Screw



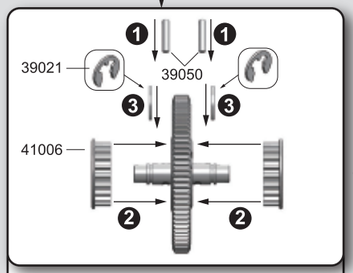
11.Center Differential Assembly

H BAG C

P.20

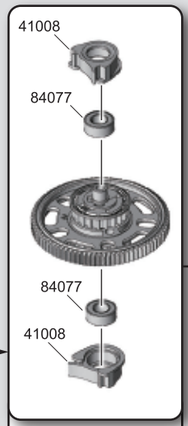


33304
3x4mm x3
B/H Screw

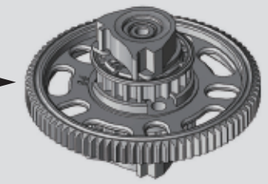


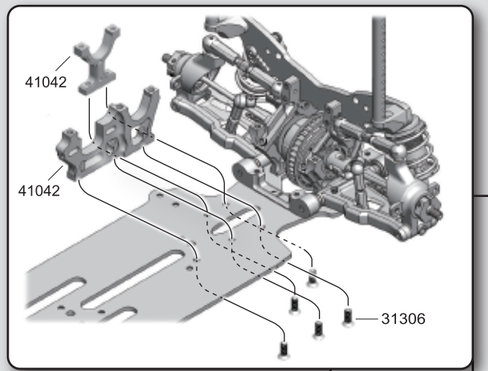
39021
5mm x2
E-Clip

39050
2x9.8mm x2
Pin

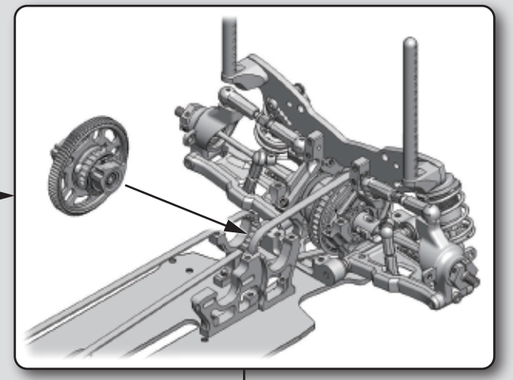


84077
5x10x4mm x2
Ball Bearing

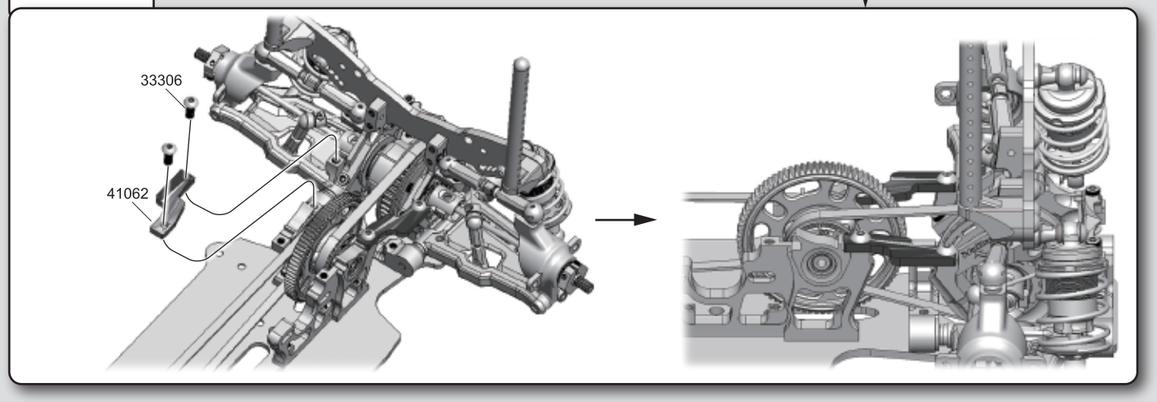




31306
3x6mm x5
F/H Screw



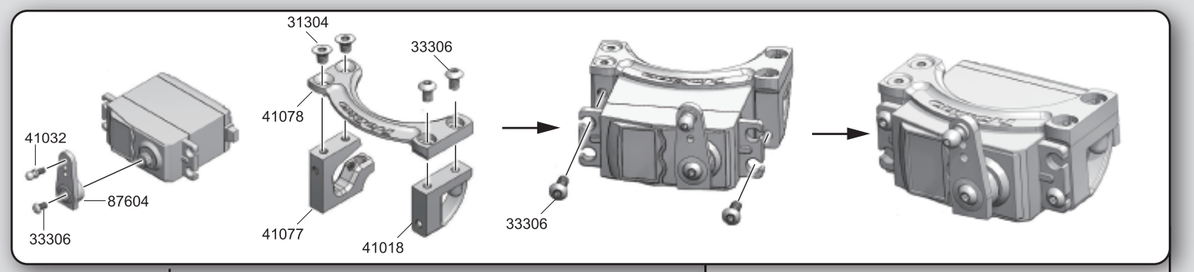
33306
3x6mm x4
B/H Screw



12.Servo & Receive Mount Assembly

I BAG D

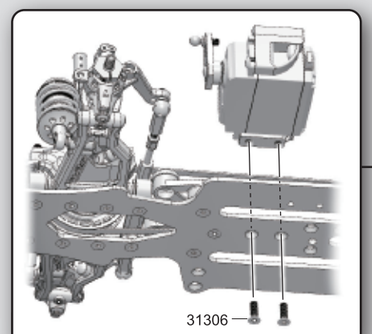
P.21



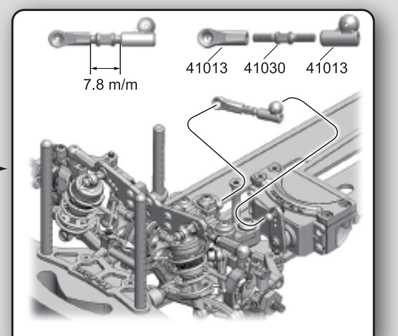
41032
4.8xM3x6mm x1
Ball Stud

33306
3x6mm x5
B/H Screw

31304
3x4mm x2
F/H Screw

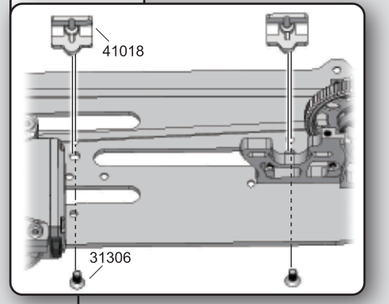


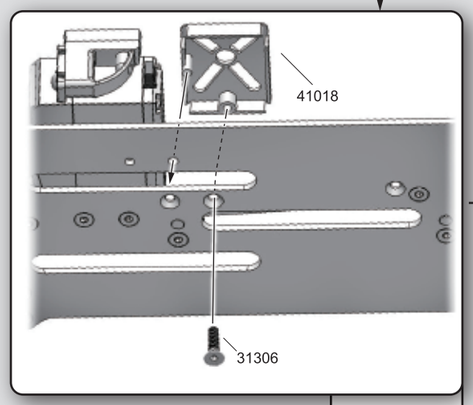
31306
3x6mm x2
F/H Screw



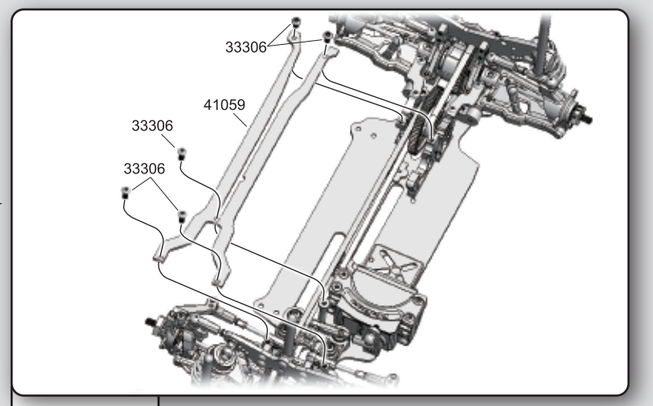
J BAG

31306
3x6mm x2
F/H Screw





31306
3x6mm x1
F/H Screw

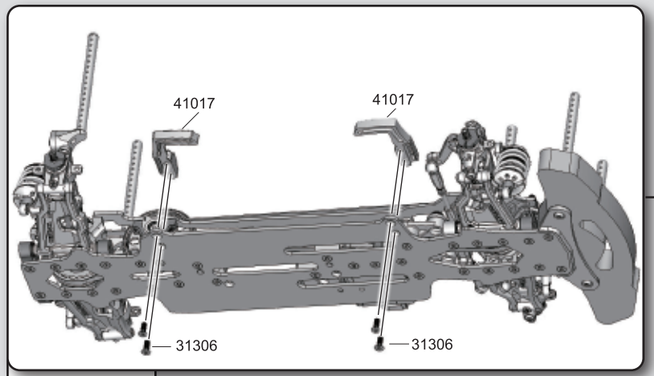


33306
3x6mm x5
B/H Screw

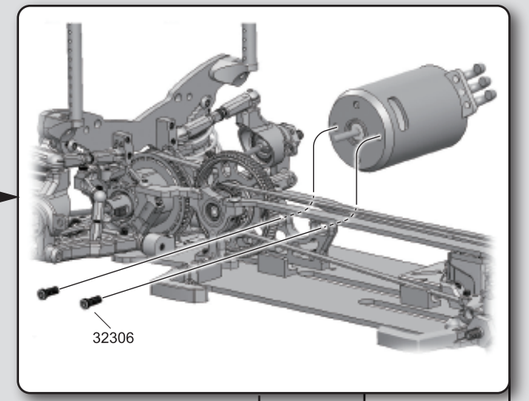
13.ESC & Motor Assembly

J BAG D

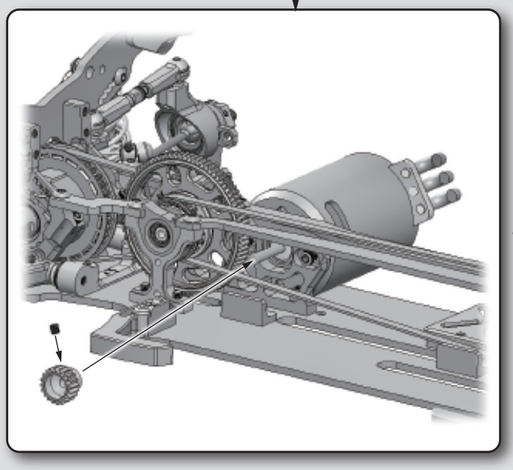
P.21

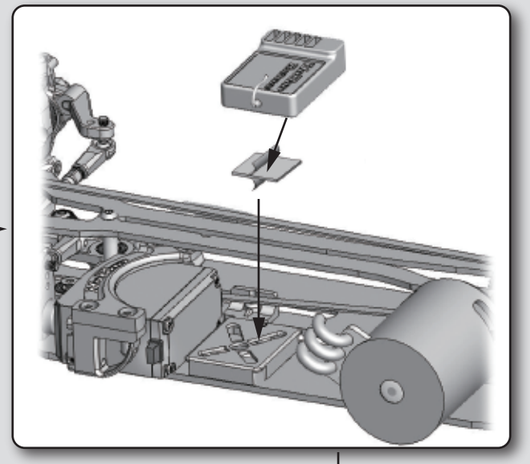


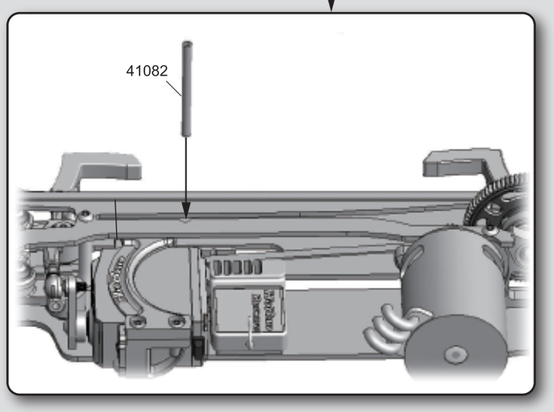
31306
3x6mm x4
F/H Screw

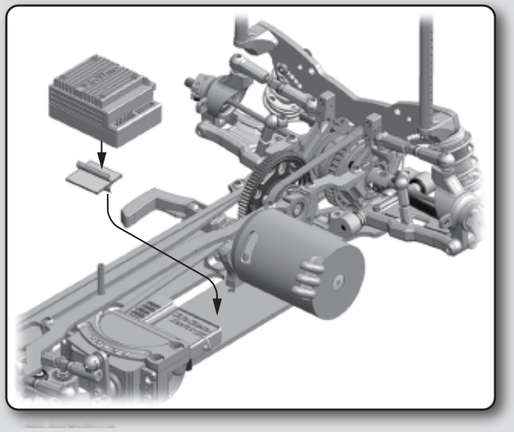


32306
3x6mm
Cap Screw





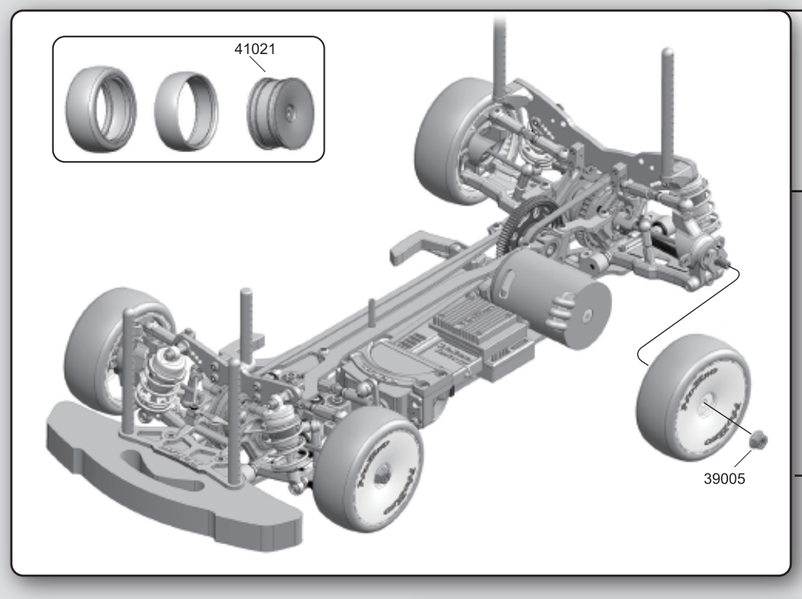




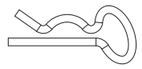
14.Battery & Wheel Assembly

K BAG D

P.21

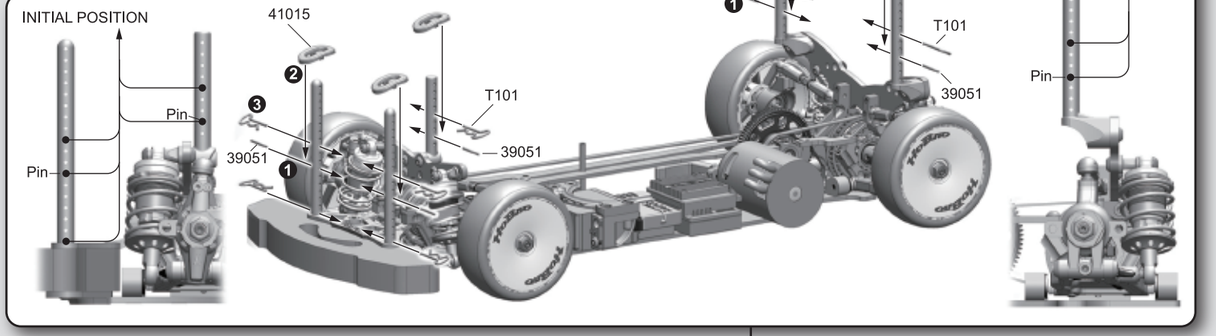


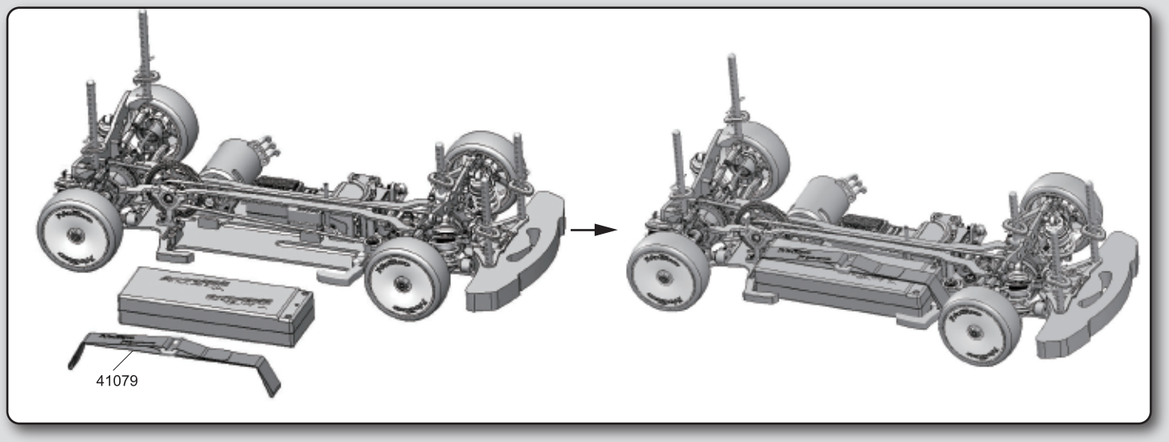
39005
Flange Nut M3 x4



T101
Body Clip x8

39051
1.5x11.8mm x5
Pin





SETUP SHEET

HoBAO

Name:	
Date:	
City:	
Event:	
Track:	

Track Conditions

☐ Smooth	☐ Hard Packed	☐ Blue Grove	☐ Wet
☐ Rough	☐ Loose	☐ Dry	☐ Dusty
☐ Grass	☐ Low Traction	☐ High Traction	Temp ____ °C/°F
☐ Astro Turf	☐ Med Traction	☐ Other ____	

Front Suspension

Ride Height ____ mm

Camber ____ °

Caster ____ °

Anti-Roll Bar

☐1.1 ☐1.3 ☐1.5 mm

Toe ____ °

Shock Absorber

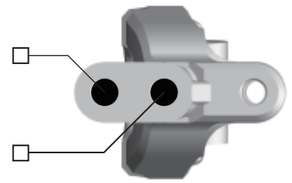
Oil ____

Piston	F	R
	☐ 1.2	☐ 1.2
	☐ 1.3	☐ 1.3

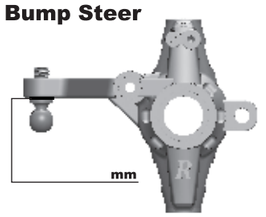
Spring

☐S (Gray) ☐M (White) ☐H (Green)

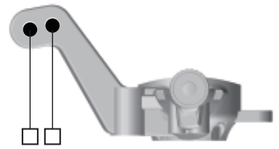
C-Hub



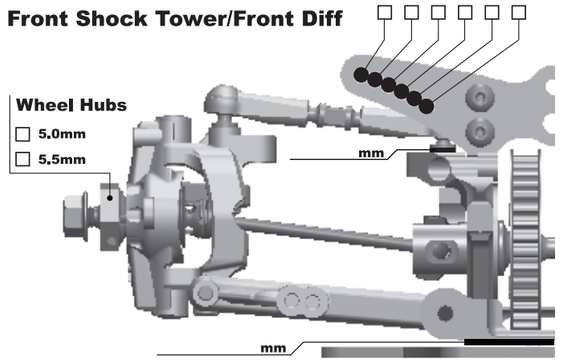
Bump Steer



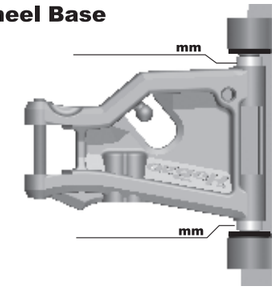
Steering Block



Front Shock Tower/Front Diff



Wheel Base



Rear Suspension

Ride Height ____ mm

Camber ____ °

Caster ____ °

Anti-Roll Bar

☐1.1 ☐1.3 ☐1.5 mm

Toe ____ °

Shock Absorber

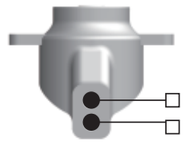
Oil ____

Piston	F	R
	☐ 1.2	☐ 1.2
	☐ 1.3	☐ 1.3

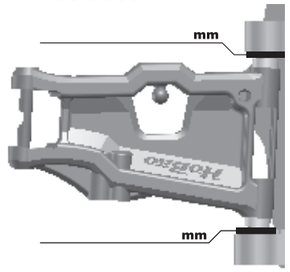
Spring

☐S (Gray) ☐M (White) ☐H (Green)

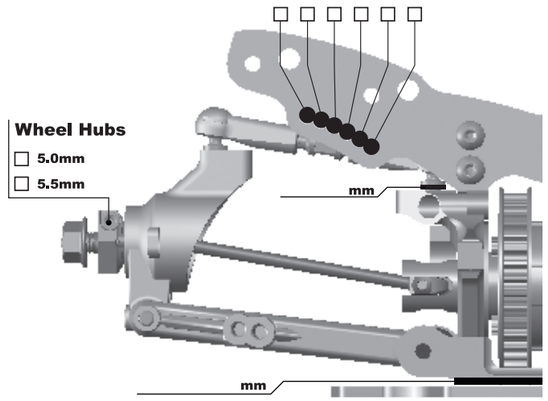
Rear Hub



Wheel Base

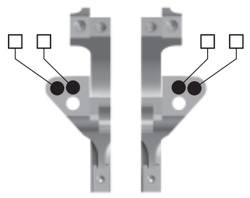


Rear Shock Tower/ Rear Diff



Other Suspension

Differential Mount



Steering Plate

Differential

☐ Low
☐ High

Front		Rear
	Tire	
	Wheel	
	Insert	
	Tire Treatment	
	Compound	
FL FR	Treated Area	FL FR

OPTIONAL PARTS

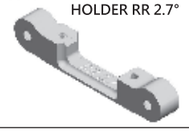
OP1-0036 CNC C-HUB SET

OP1-0037 CNC REAR HUB

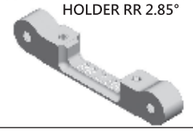
OP1-0038 CNC SERVO SAVER SUPPORT MOUNT

OP1-0039 CNC STEERING PLATE

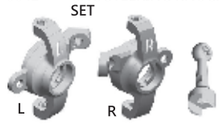
OP1-0040 CNC SUSPENSION ARM HOLDER RR 2.7°



OP1-0041 CNC SUSPENSION ARM HOLDER RR 2.85°



OP1-0042 CNC STEERING KNUCKLE SET



OP1-0043 CNC BALL STUD FOR STEERING

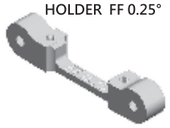
OP1-0044 SHOCK SPRING-HARD

OP1-0045 SHOCK SPRING-SOFT

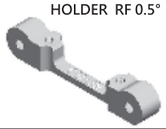
OP1-0046 CHASSIS CARBON FIBER 2.5 MM

OP1-0047 CNC SUSPENSION ARM HOLDER FF 0.5°

OP1-0048 CNC SUSPENSION ARM HOLDER FF 0.25°

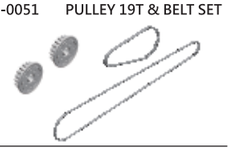


OP1-0049 CNC SUSPENSION ARM HOLDER RF 0.5°



OP1-0050 ANTI-ROLL BAR SET 1.1MM , 1.3MM & 1.5MM

OP1-0051 PULLEY 19T & BELT SET



OP1-0052 PULLEY 19T

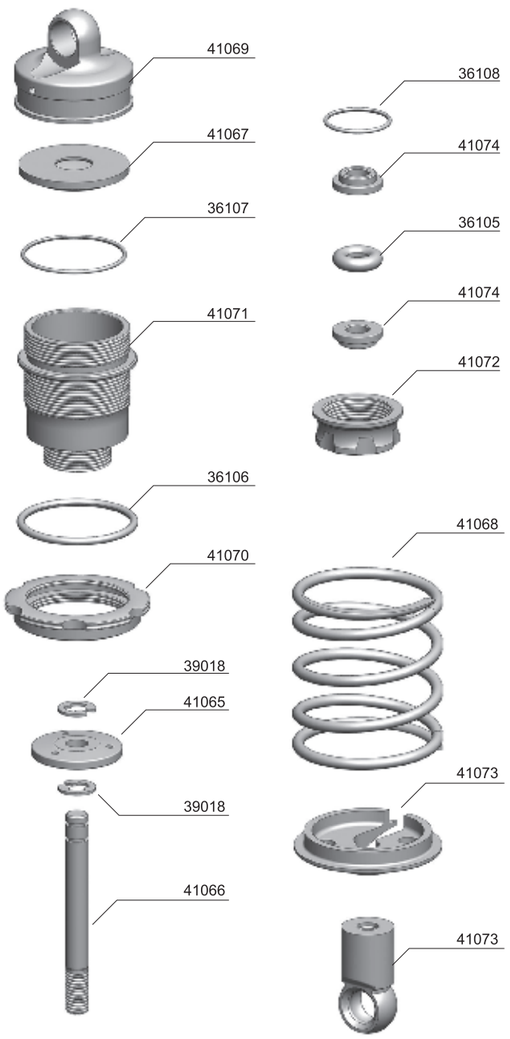
OP1-0053 BELT 3 x 186MM

OP1-0054 BELT 3 x 507MM

OP1-0055 STEEL JOINT CUP

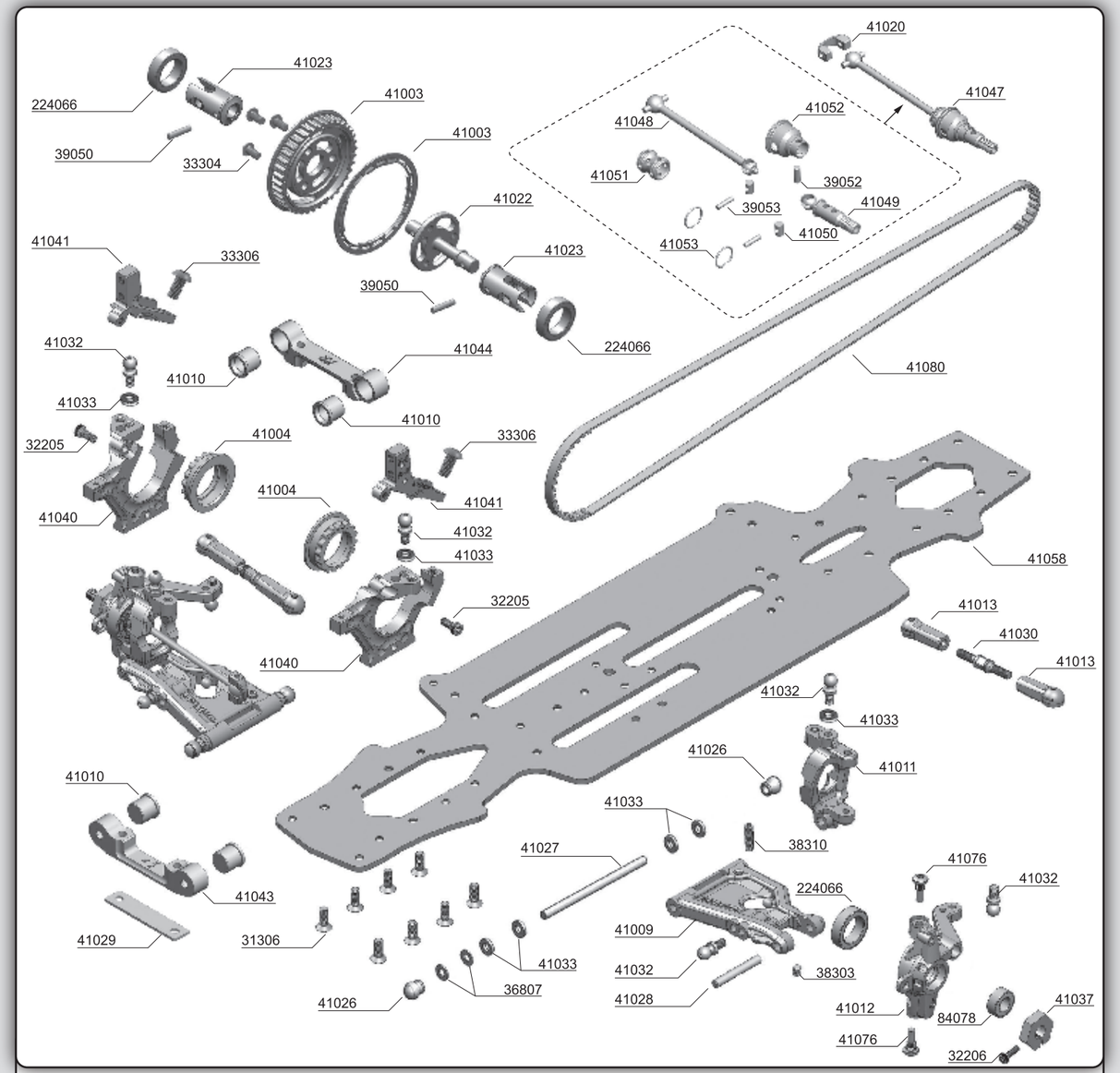
OP1-0056 DISH WHEEL(GREEN)

SHOCK ASSEMBLY A



36105	O-RING 2.8x6.6MM	41068	SHOCK SPRING
36106	O-RING 14x0.5MM	41069	SHOCK CAP
36107	O-RING 8x0.6MM	41070	ALUM SHOCK ADJ. NUT CAP
36108	O-RING 7x0.7MM	41071	SHOCK BODY
39018	E-CLIP 2.3MM	41072	ALUM SHOCK CAP BOTTOM
41065	SHOCK PISTON	41073	SHOCK BALL JOINT
41066	SHOCK SHAFT	41074	SHOCK SEAL RING
41067	SHOCK BLADDER		

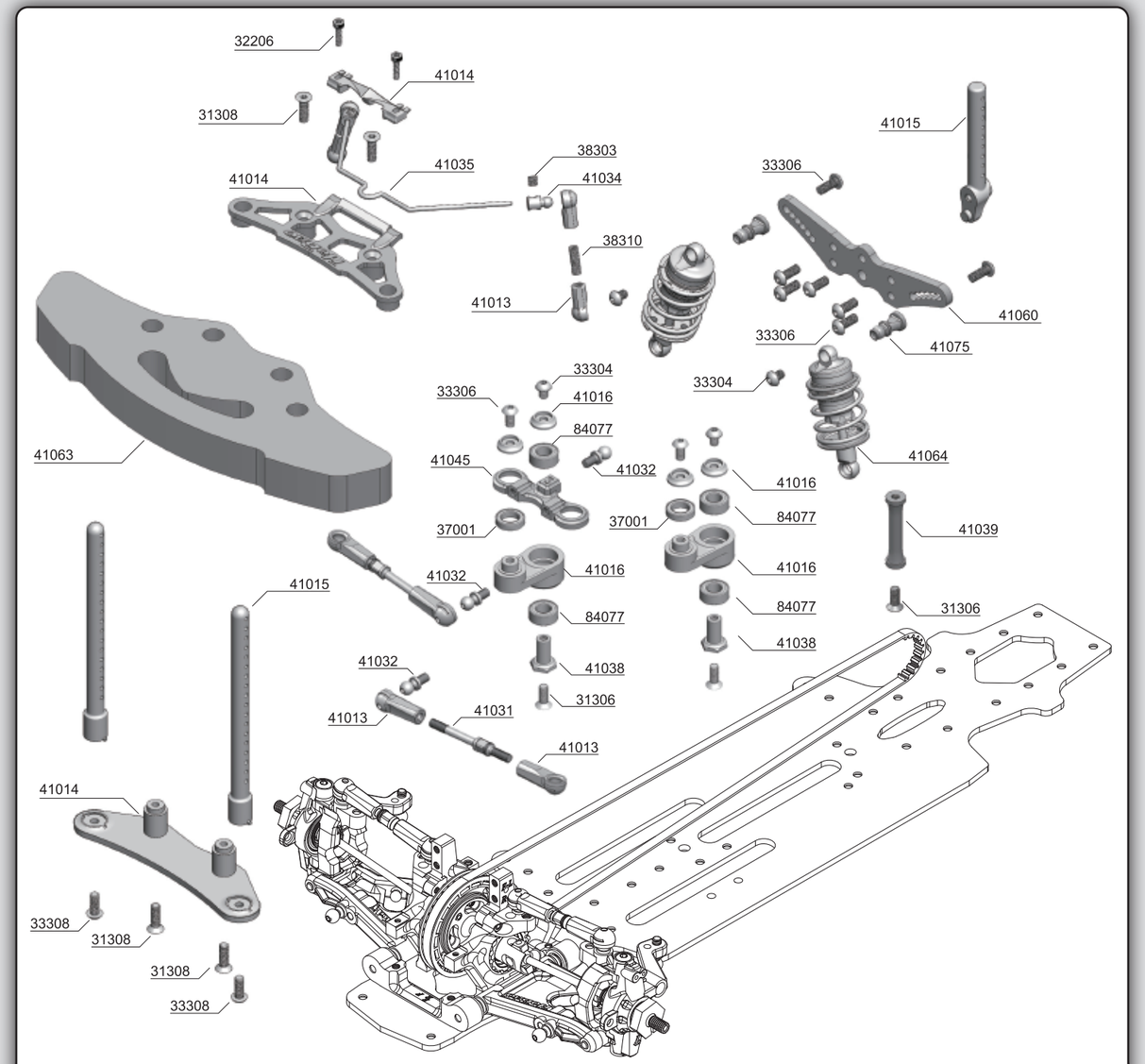
FRONT ASSEMBLY 1 B



41003	PULLEY 38T	41037	ALUM WHEEL HUB	36807	SPACER 3x6x0.2MM
41004	BEARING SEAT FOR DIFF	41040	ALUM DIFF SEAT	39050	PIN 2x9.8MM
41009	FRONT/REAT ARM SET	41041	ALUM DIFF SEAT SHUT	39052	PIN 2x5.8MM
41010	ADJUSTABLE INSERT SET	41043	ALUM SUSPENSION ARM HOLDER (FF & RF)	39053	PIN 1.5x6.8MM
41011	C-HUB SET	41044	ALUM SUSPENSION ARM HOLDER (FR)	84077	BEARING 5x10x4MM
41012	STEERING KNUCKLE SET	41047	FRONT DOUBLE JOINT CVD SET	84078	BEARING 6x10x3MM
41013	BALL END SET 4.8MM	41048	DOUBLE JOINT CVD - SHAFT	224066	BEARING 10x15x4MM
41020	DRIVE SHAFT PLASTIC CAP	41049	DOUBLE JOINT CVD - AXLE	31306	M3x6 FLAT HEAD SCREW
41022	DIFFERENTIAL GEAR HOLDER	41050	DOUBLE JOINT CVD - REBUILDING	32205	M2.6x5 CAP HEAD SCREW
41023	ALUM JOINT CUP	41051	DOUBLE JOINT CVD - CONNECTED SLEEVE	32206	M2x6 CAP HEAD SCREW
41026	ALUM BALL STUD 5.8MM	41052	DOUBLE JOINT CVD - CUP	33304	M3x4 BUTTON HEAD SCREW
41027	SUSPENSION PIVOT SHAFT 3x49.2MM	41053	DOUBLE JOINT CVD - C-CLIP	33306	M3x6 BUTTON HEAD SCREW
41028	SUSPENSION PIVOT SHAFT 3x22MM	41058	CHASSIS CARBON FIBER 2.3MM	38303	M3x3 SET SCREW
41029	DIP SHIM	41076	CNC M3x8 KINGPIN SCREW	38310	M3x10 SET SCREW
41030	TURNBUCKLE 3x25MM	41080	DRIVE BELT 3 x 510MM		
41032	BALL STUD 4.8MM				
41033	ALUM WASHER 3x6x1MM				

FRONT ASSEMBLY 2

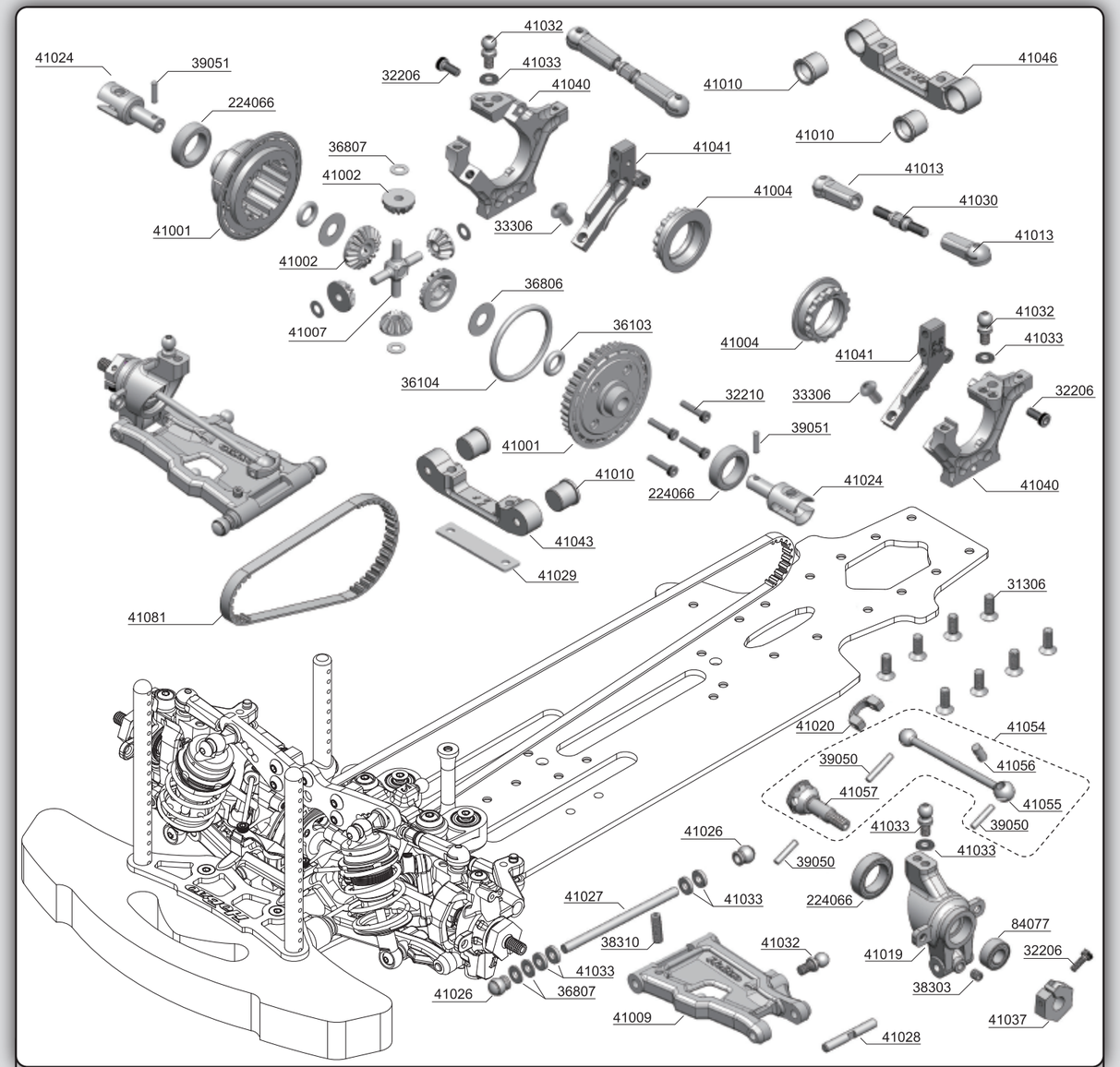
B



41013	BALL END SET 4.8MM
41014	PLASTIC BUMPER
41015	BODY POST
41016	SERVO SAVER SET
41031	TURNBUCKLE 3x37MM
41032	BALL STUD 4.8MM
41034	ALUM BALL STUD 3.8MM
41035	ANTI-ROLL BAR 1.5MM
41038	ALUM STEERING POST FOR SERVO SAVER
41039	ALUM UPPER DECK POST
41045	ALUM STEERING PLATE (2°)
41060	FRONT SHOCK TOWER 3MM CARBON FIBER
41063	FOAM BUMPER
41064	SHOCK ABSORBER SET
41075	ALUM SHOCK BALL STUD
37001	BEARING 6x10x2.5MM
31306	M3x6 FLAT HEAD SCREW
31308	M3x8 FLAT HEAD SCREW
32206	M2x6 CAP HEAD SCREW
33304	M3x4 BUTTON HEAD SCREW
33306	M3x6 BUTTON HEAD SCREW
33308	M3x8 BUTTON HEAD SCREW
38303	M3x3 SET SCREW
38310	M3x10 SET SCREW

REAR ASSEMBLY 1

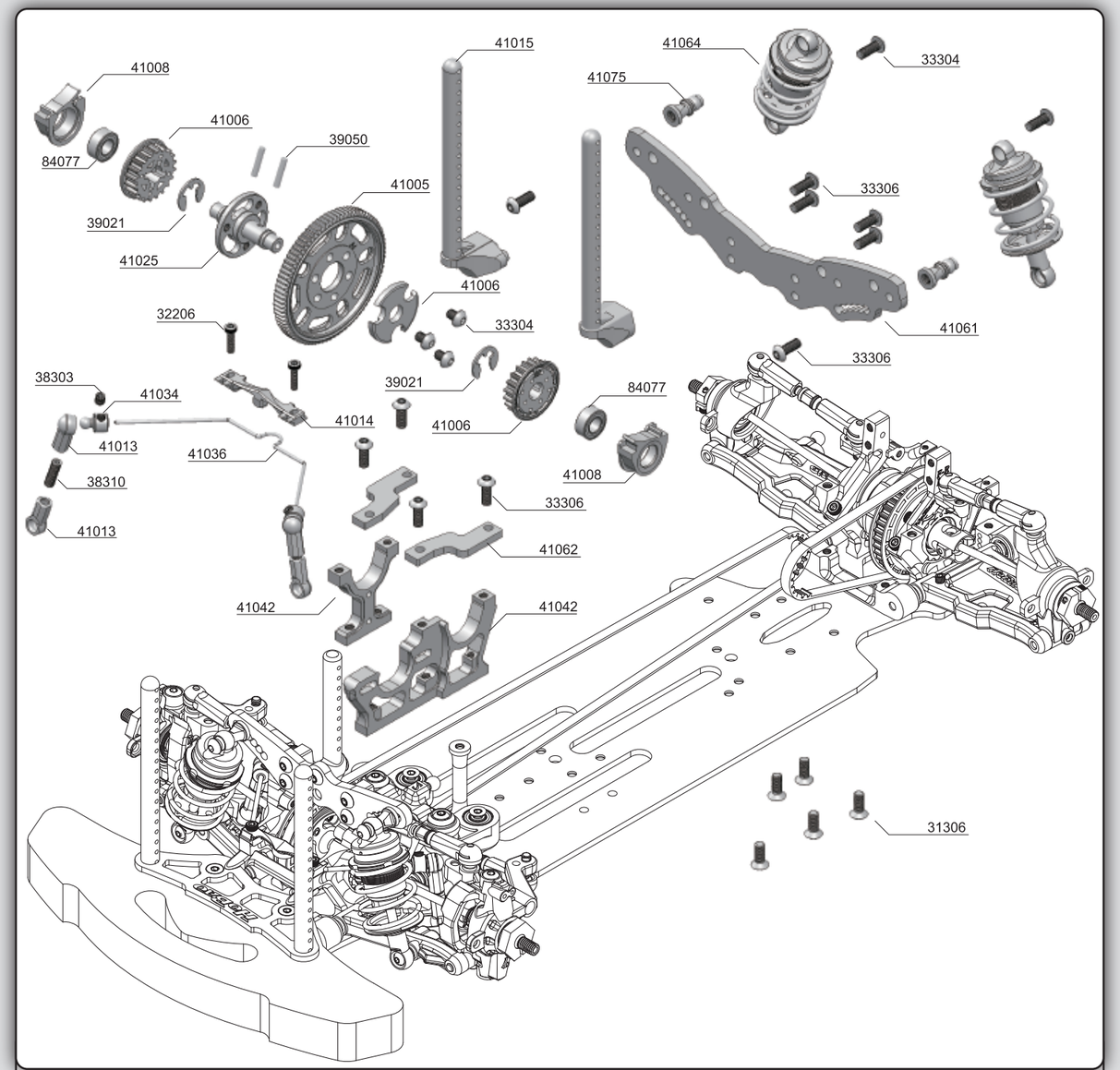
C



41001	DIFFERENTIAL CASE & PULLEY
41002	BEVEL GEAR SET
41004	BEARING SEAT FOR DIFFERENTIAL
41007	GEAR DIFF CROSS SHAFT
41009	FRONT/REAR ARM SET
41010	ADJUSTABLE INSERT SET
41013	BALL END SET 4.8MM
41019	REAR HUB
41020	DRIVE SHAFT PLASTIC CAP
41024	ALUM DIFFERENTIAL OUTDRIVE CUP
41026	ALUM BALL STUD 5.8MM
41027	SUSPENSION PIVOT SHAFT 3x49.2MM
41028	SUSPENSION PIVOT SHAFT 3x22MM
41029	DIP SHIM
41030	TURNBUCKLE 3x25MM
41032	ALUM BALL STUD 4.8MM
41033	ALUM WASHER 3x6x1MM
41037	ALUM WHEEL HUB
41040	ALUM DIFFERENTIAL SEAT
41041	ALUM DIFFERENTIAL SEAT SHUT
41043	ALUM SUSPENSION ARM HOLDER (FF & RF)
41046	ALUM SUSPENSION ARM HOLDER(RR)
41054	REAR ALUM CVD SHAFT SET
41055	AXLE 49.3MM
41056	PIN FOR REAR CVD SHAFT
41057	CVD AXLE
41081	DRIVE BELT 3 x 189MM
84077	BEARING 5x10x4MM
36103	O-RING 5x2MM
36104	O-RING 22x2MM
36806	SPACER 5x11x0.2MM
36807	SPACER 3x6x0.2MM
39050	PIN 2x9.8MM
39051	PIN 1.5x11.8MM
224066	BEARING 10x15x4MM
31306	M3x6 FLAT HEAD SCREW
32206	M2x6 CAP HEAD SCREW
32210	M2x10 CAP HEAD SCREW
38303	M3x3 SET SCREW
38310	M3x10 SET SCREW

REAR ASSEMBLY 2

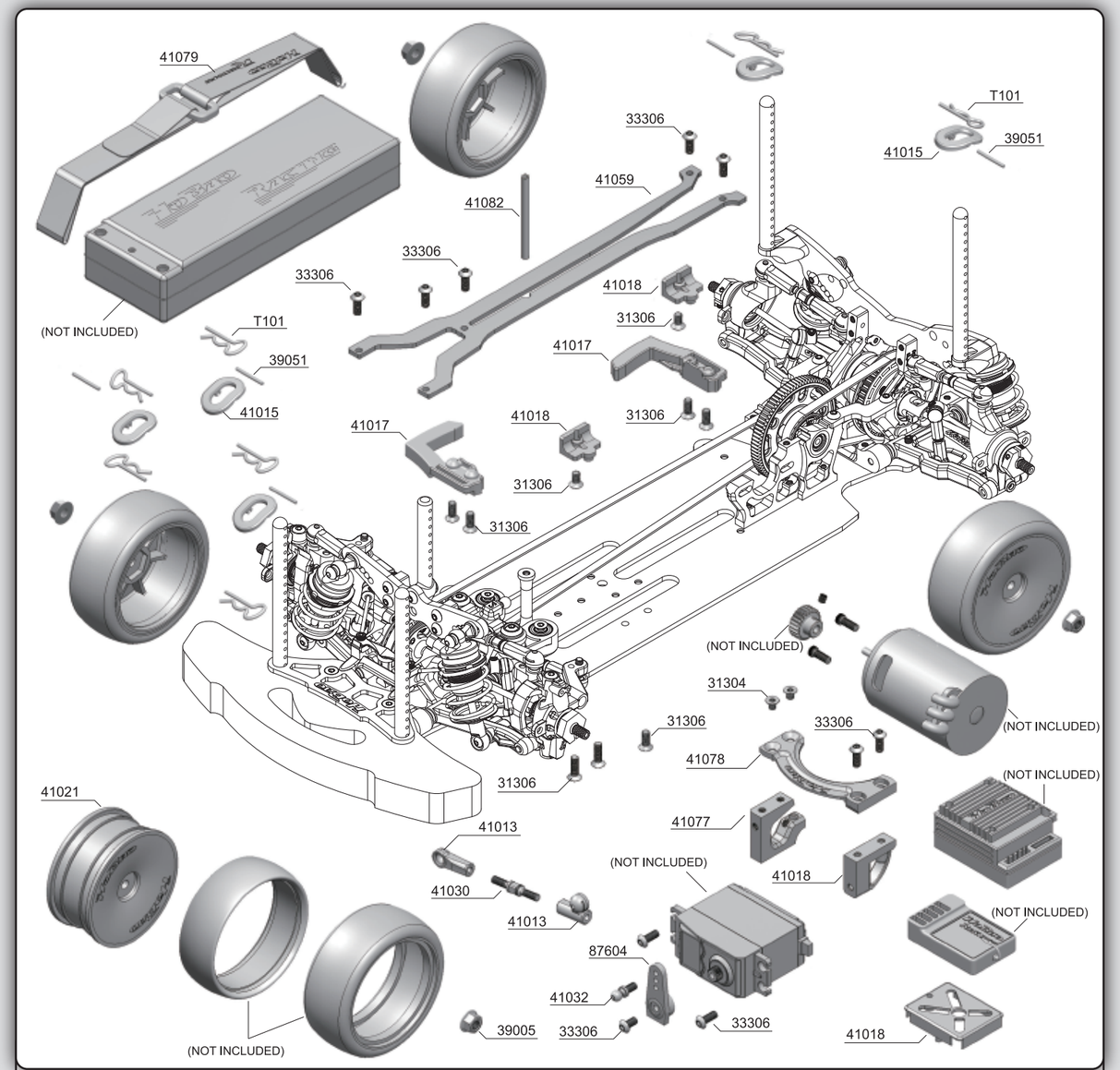
C



39021	E-CLIP 5MM
39050	PIN 2x9.8MM
41005	SPUR GEAR 48P - 84T
41006	PULLEY 20T
41008	BEARING SEAT FOR CENTER SHAFT
41013	BALL END SET 3.8MM
41014	ANTI-ROLL BAR MOUNT
41015	BODY POST
41025	SOLID LAYSHAFT
41034	ALUM BALL STUD 3.8MM
41036	ANTI-ROLL BAR 1.3MM
41042	ALUM MOTOR MOUNT
41061	REAR SHOCK TOWER 3MM CARBON FIBER
41062	REAR SUPPORT PLATE 2.3MM CARBON FIBER
41075	ALUM SHOCK BALL STUD
31306	M3x6 FLAT HEAD SCREW
32206	M2x6 CAP HEAD SCREW
33304	M3x4 BUTTON HEAD SCREW
33306	M3x6 BUTTON HEAD SCREW
38303	M3x3 SET SCREW
38310	M3x10 SET SCREW

FINAL ASSEMBLY

D



41013	BALL END SET 3.8MM
41015	BODY POST
41017	BATTERY STOP
41018	RADIO TRAY & SERVO MOUNT
41021	DISH WHEEL(WHITE)
41030	TURNBUCKLE 3x25MM
41032	ALUM BALL STUD 4.8MM
41059	UPPER DECK 2.0MM CARBON FIBER
41077	ALUM SERVO MOUNT
41078	ALUM COVER FOR SERVO MOUNT
41079	MAGIC STRIP
41082	ANTENNA TUBE
87604	SERVO HORN
T101	BODY CLIP
31304	M3x4 FLAT HEAD SCREW
31306	M3x6 FLAT HEAD SCREW
32306	M3x6 CAP HEAD SCREW
33306	M3x6 BUTTON HEAD SCREW
38303	M3x3 SET SCREW
39005	FLANGE NUT M3
39051	PIN 1.5x11.8MM