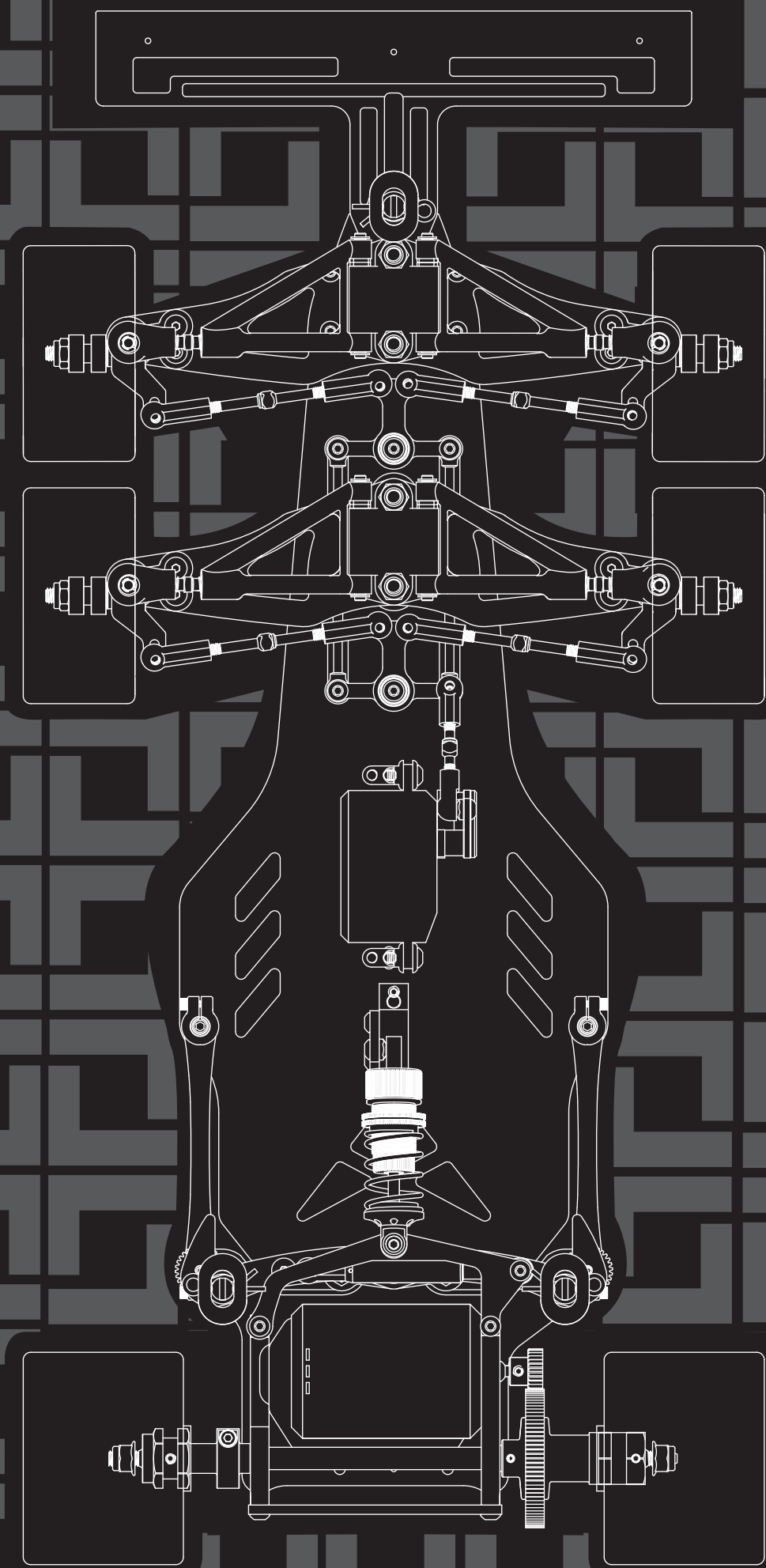


TECHNICAL F1-FUTURE



Thank you for purchasing this TEAMSAXO product. This high performance competition kit has been proudly manufactured by TEAMSAXO World Champion R/C car manufacturer.
Proper assembly of this product will provide fun,safe enjoyment.

PRECAUTIONS FOR SAFE ENJOYMENT OF YOUR R/C CAR

For children under the age of 13, parental guidance is recommended when running.

ASSEMBLY PRECAUTIONS

Do not assemble around small children. The parts can be dangerous if accidentally swallowed.

Check the contents carefully before assembly. Please contact Customer Support if you happen to notice any defective or missing items.

You will find the assembly process much easier by carefully reading through the manual, and familiarizing yourself with the instructions.

Many different tools are required during assembly. For safety purposes, please use suitable tools. Exercise extra caution when using a sharp tool such as a hobby knife.

Many different materials are used for the parts. Use extra care when handling parts with sharp edges, such as machined metal parts.

When cutting plastic parts, watch for any flying parts.

Try to assemble any rotating parts of drivetrain parts as smooth as possible.

Bundle wires neatly away from the ground or any moving drivetrain components. Make sure that all wires are properly connected to prevent shorting.

Unnecessary modifications may be unsafe and hinder performance.

Always paint in a well ventilated area away from flames.

PRECAUTIONS BEFORE RUNNING

Teamsaxo R/C cars are built for competition use, and some models may exceed speeds of 40km per hour. Practice common sense and run the car in open safe places, or R/C car tracks.

Do not run the car on public roads with high amounts of traffic, or in areas that may cause an inconvenience to people in that area.

R/C cars are controlled using radio frequency. In a worst-case scenario, radio interferences may cause loss of control.

If others near you are running R/C cars, confirm that they are not running on the same frequency.

R/C cars do not like water. Avoid running on rainy days, or areas with water puddles. Exposure of the electronics to water may cause loss of control or damage to the electronics.

The drivetrain of an R/C car consists of many moving parts like gears, belts, shafts, and tires. Avoid touching these areas when the battery is connected.

Many parts of an R/C car will become hot after running. Allow the parts to sufficiently cool before conducting any maintenance.

BEGINNING A RUN

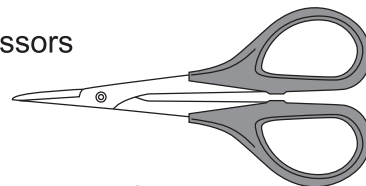
1. Place the R/C car on a stand so the wheels are off the ground.
2. Confirm that the speed controller switch is OFF, and connect the motor and battery.
3. Extend the transmitter antenna and turn the switch ON. (It is unsafe to use a transmitter with low voltage. Make sure that the transmitter batteries are good before running)
4. Turn the speed controller switch ON.

FINISHING A RUN

1. Turn the speed controller switch OFF.
2. Disconnect the battery.
3. Turn the transmitter switch OFF, and retract the antenna.

ASSEMBLING TOOLS REQUIRED (NOT INCLUDED IN KIT)

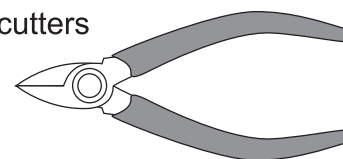
Scissors



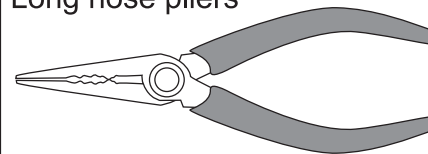
Modeling knife



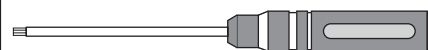
Side cutters



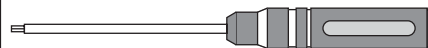
Long nose pliers



Hex wrench (1.5mm)



Hex wrench (2mm)



Tweezers



F1-FUTURE CHASSIS SPECIFICATION

Overall Length	: 417mm	Overall Width Front width	: 199mm
Wheelbase length	: 296mm	Rear width	: 199mm
Weigh Chassis only	: 430g		

Cap



M3X4 SJG304



M3x6 SJG306



M3x8 SJG308



M4x10 SJG410



M4x30 SJG430

Cap screw



M2x6 SG206



M2.5x6 SG2.56

Screw



M2.5x4 SIG2.54



M3x6 SIG306



M3x8 SIG308



M3x10 SIG310

Grub screw



M3x3 SK303



M3X8 SK308



M3x10 SK310



M3X16 SK316

E-Ring



E-Ring 2.0 OE-E2.0

Lock nut



M3 SN-M3



M4 SN-M4



M4 SN-M4-F

Ball bearing



5x8x2.5 MR085-OR



5x10x4 MR105-OR



6x10x3 MR106-T



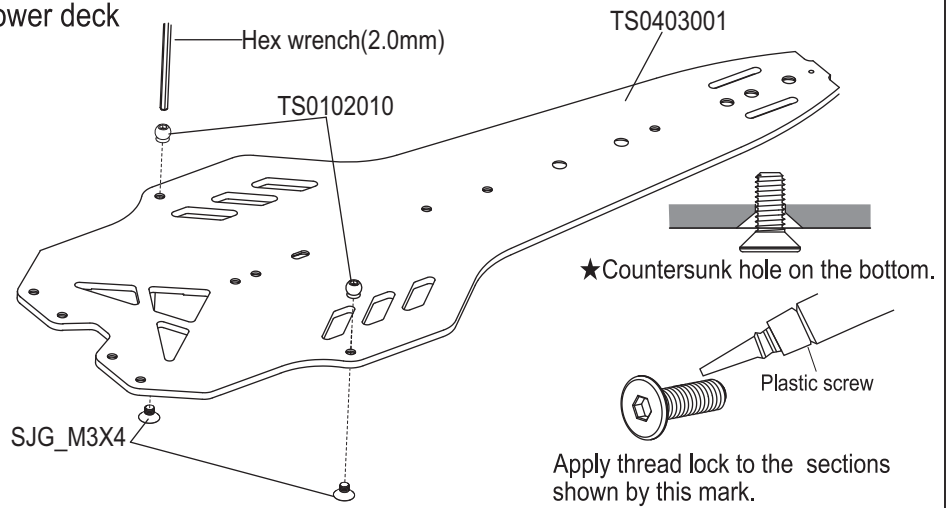
6x10x3 MR106-OR



① ~ ③ Kit Bag A

TS0102010.....2
SJG_M3X4.....2

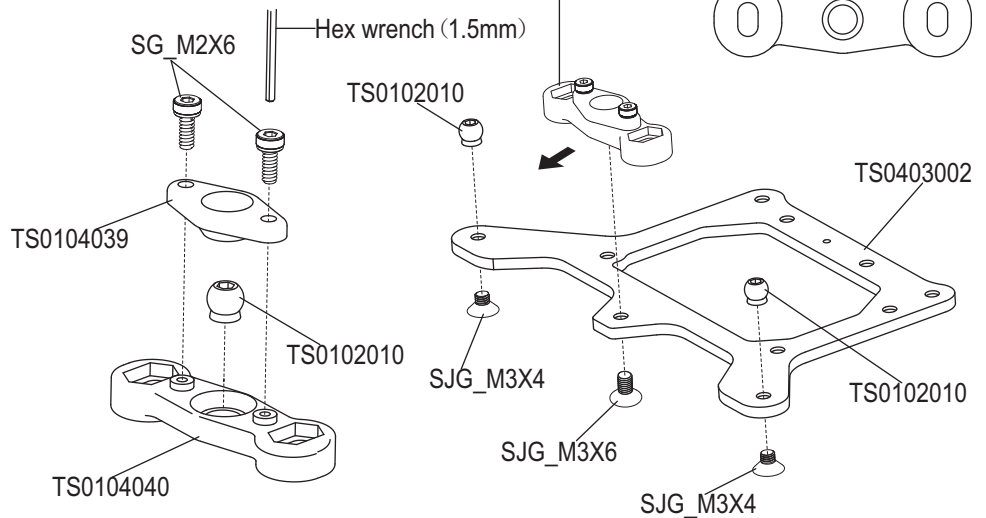
① Lower deck



TS0102010.....3
SJG_M3X6.....1
SJG_M3X4.....2
SG_M2X6.....2

② Lower brace

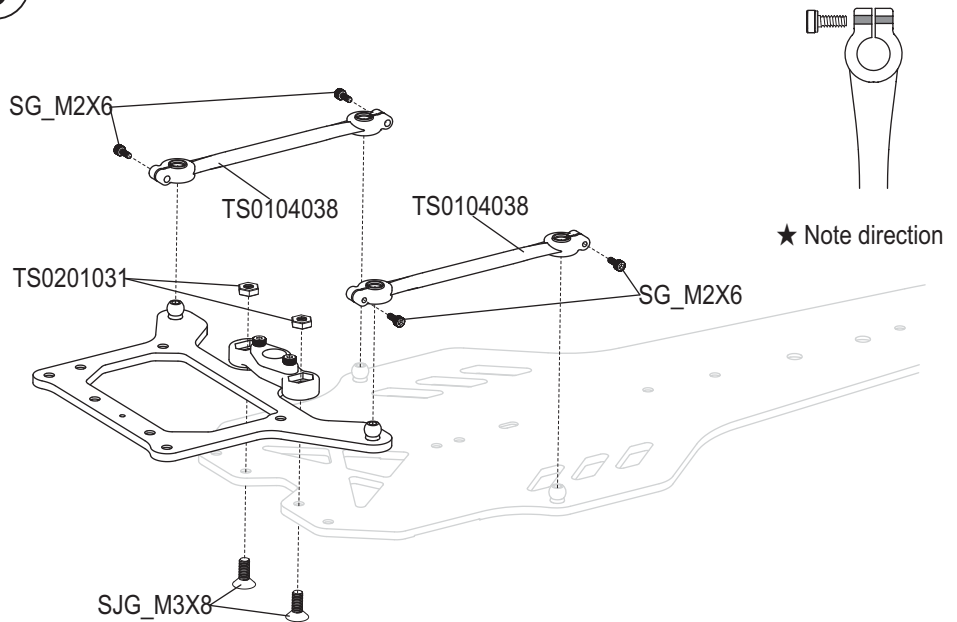
★ Do not over tighten.



TS0201031.....2
TS0104038.....2
SG_M2X6.....4
SJG_M3X8.....2

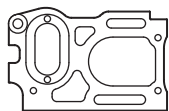
③ Attaching lower brace

★ Do not over tighten.

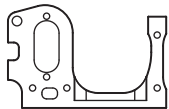




④ Kit Bag B



TS0101020.....1



TS0101021.....1



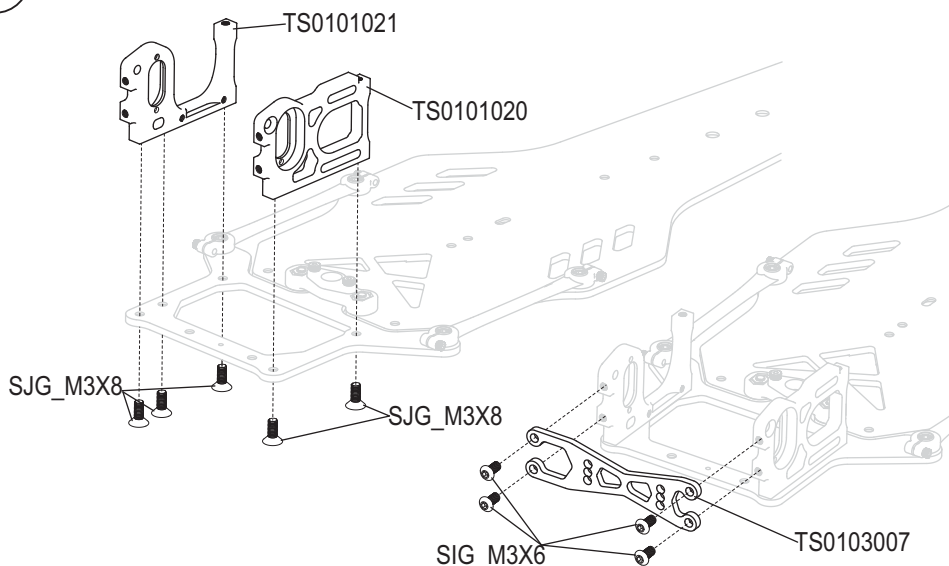
SIG_M3X6.....4



SJG_M3X8.....5

④ Motor mount

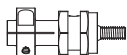
★ Assemble on a flat surface to prevent distortion



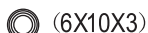
⑤~⑦ Kit Bag C



TS010231



TS0101002.....1



MR106-OR.....2



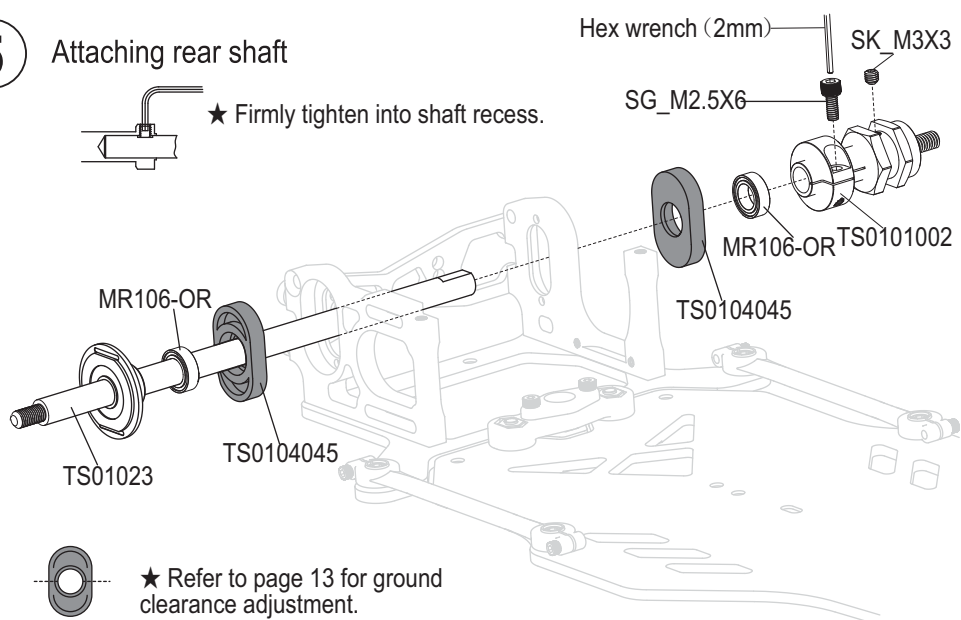
SG_M2.5X6.....1



SK_M3X3.....1

⑤ Attaching rear shaft

★ Firmly tighten into shaft recess.



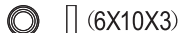
★ Refer to page 13 for ground clearance adjustment.



TS0102004.....2



TS0101045.....1



MR106-OR.....1



MR106-T.....2



TS0101027.....4



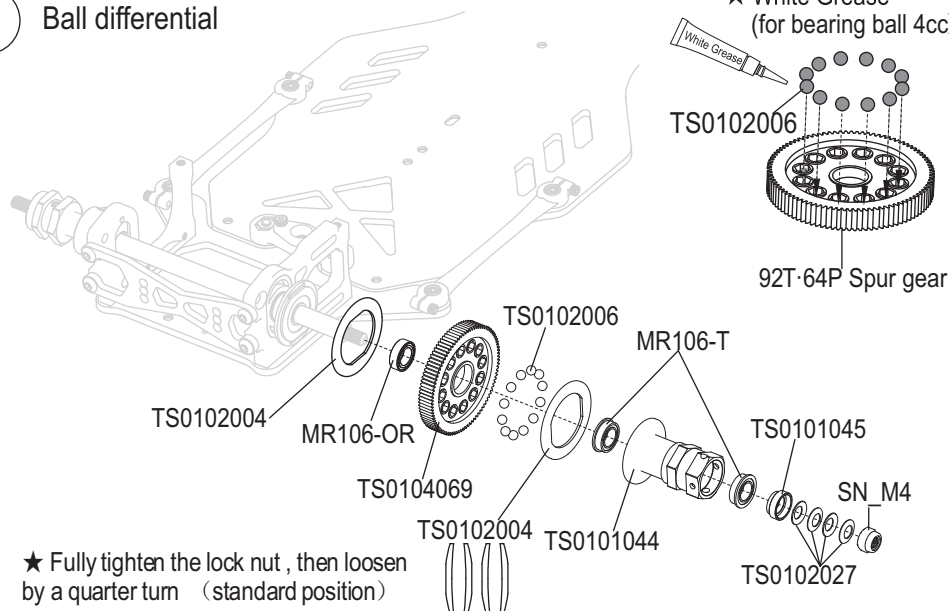
TS0102006.....12



SN_M4.....1

⑥ Ball differential

★ White Grease (for bearing ball 4cc)

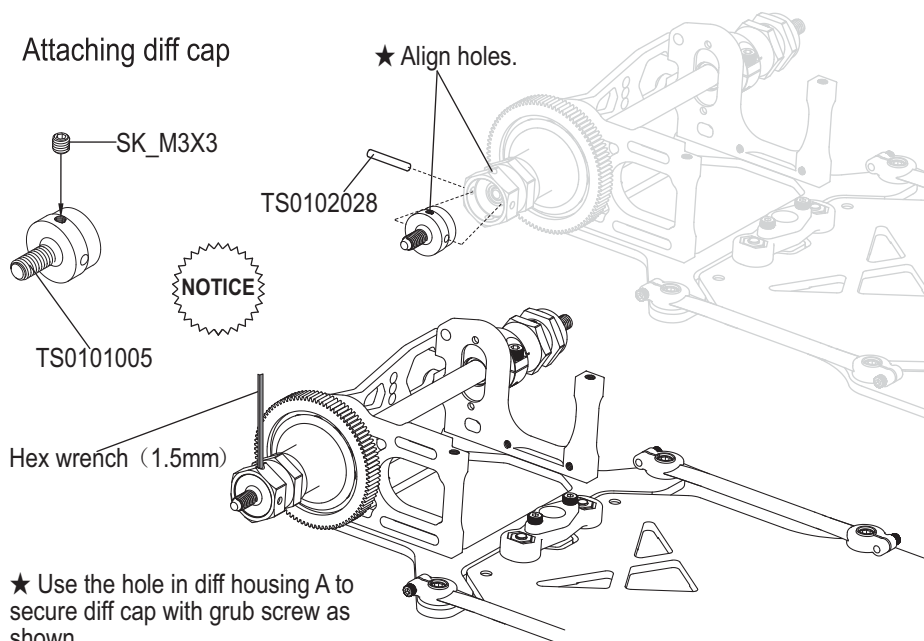


★ Fully tighten the lock nut, then loosen by a quarter turn (standard position)



TS01010051
 (2X14)
 TS01020281
 SK_M3X31

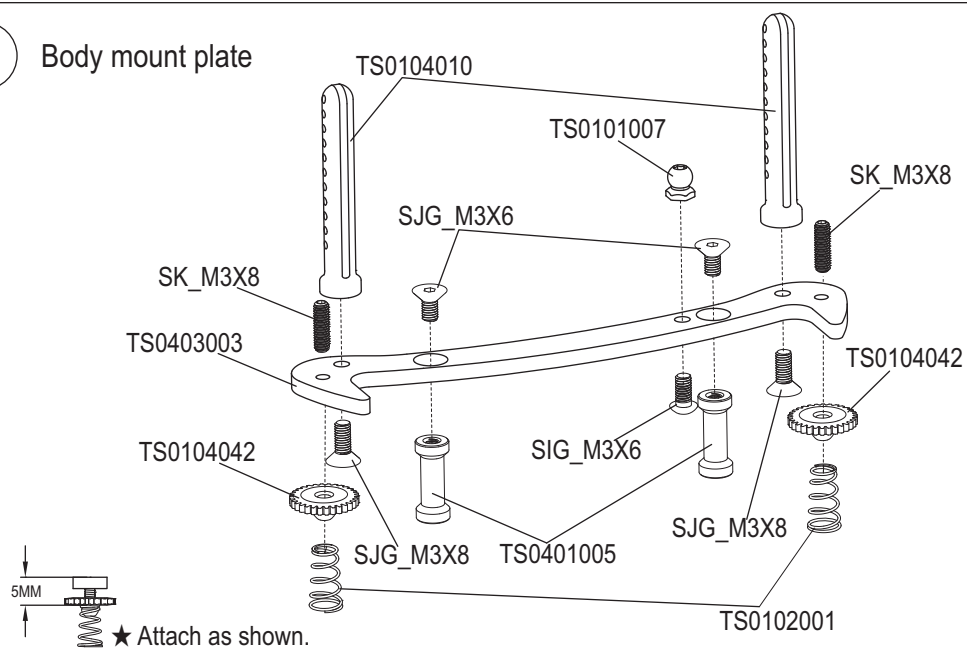
7 Attaching diff cap



8 ~ 13 Kit Bag D

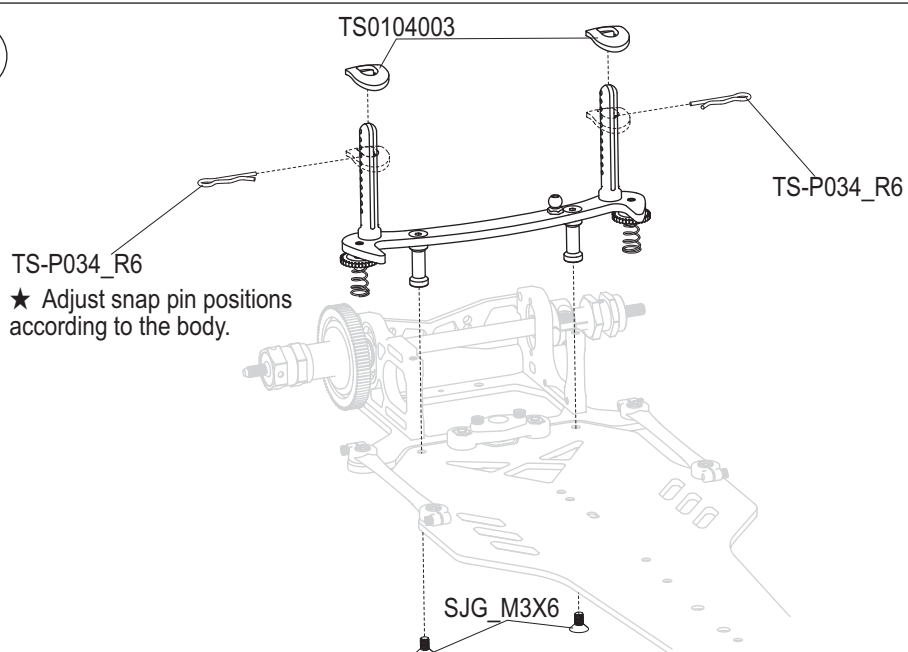
(L=16mm)
 TS0401005.....2
 TS0104042.....2
 TS0102001.....2
 TS0101007.....1
 SIG_M3X61
 SJG_M3X6.....2
 SJG_M3X8.....2
 SK_M3X82

8 Body mount plate



9

TS0104003.....2
 TS-P034_R62
 SJG_M3X6.....2





TS0101007.....2

◎ □ (h=2.5mm)

TS0101029.....1

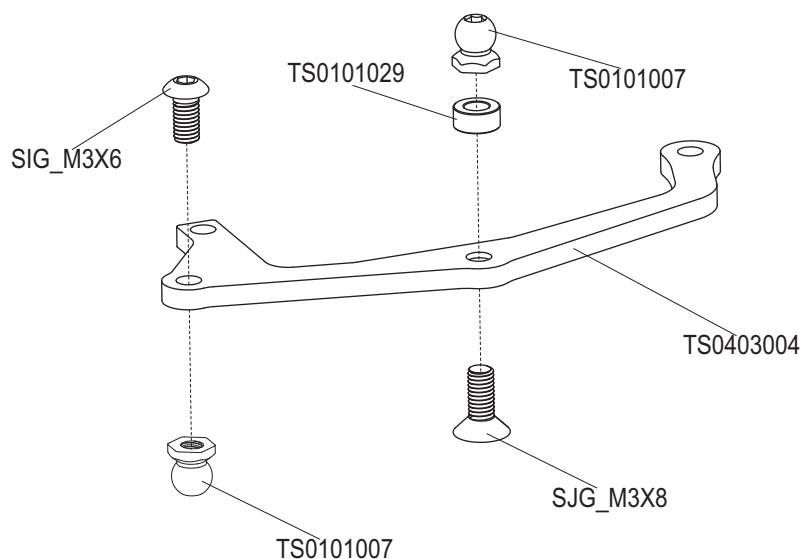


SIG_M3X6.....1



SJG_M3X8.....1

10



◎ (L=13.5mm)

TS0104026.....2



TS0101018.....1



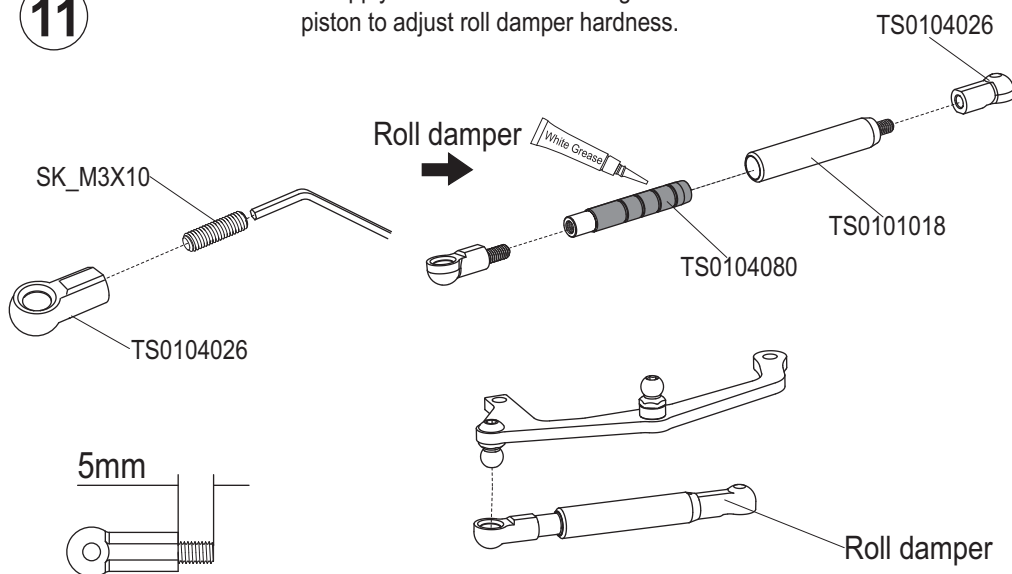
TS0104080.....1



SK_M3X10.....1

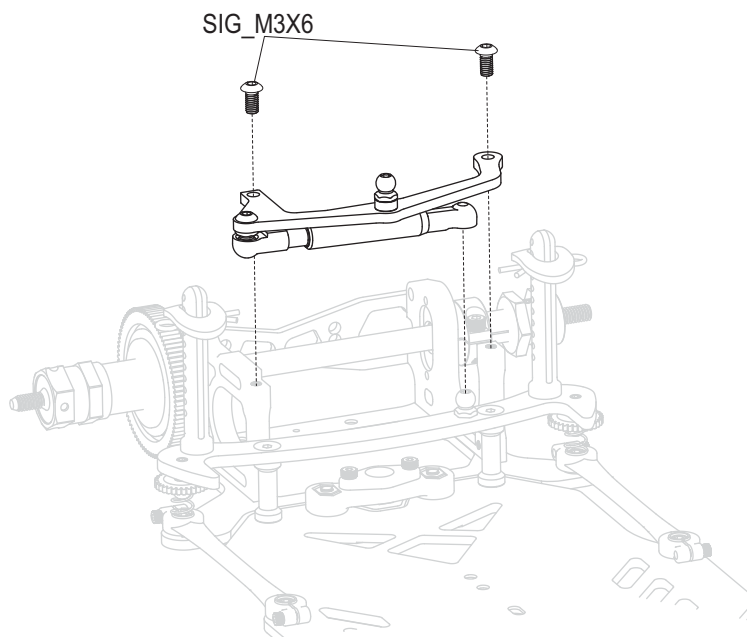
11

★ Apply different viscosities of grease to the piston to adjust roll damper hardness.



SIG_M3X6.....2

12





TS04010041

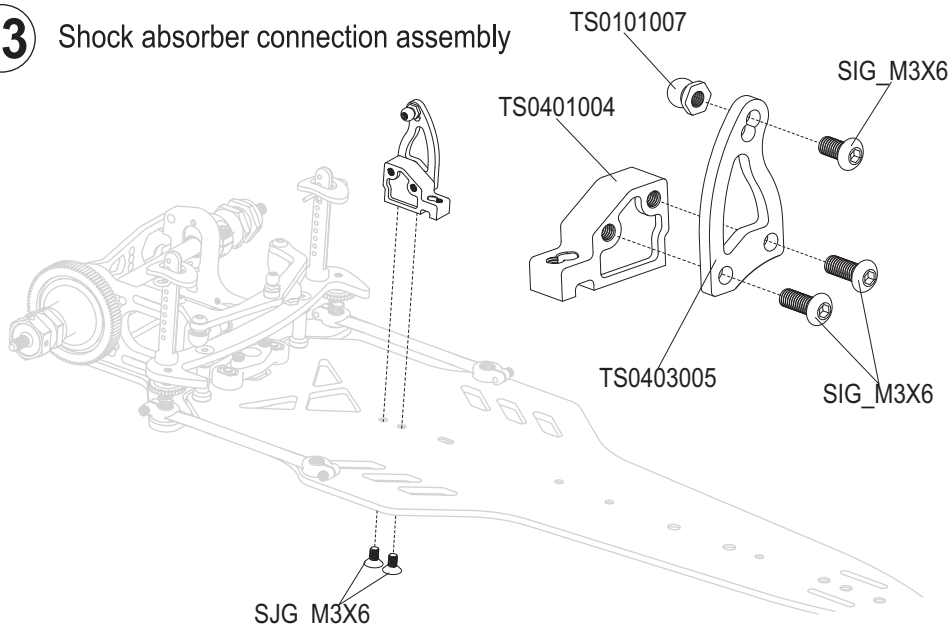
 TS01010071

 SJG_M3X62

 SIG_M3X63

13

Shock absorber connection assembly



14 ~ 16
 Kit Bag E



TS04010012

 TS04010022

 TS01010079

 TS01010284

 TS01010291

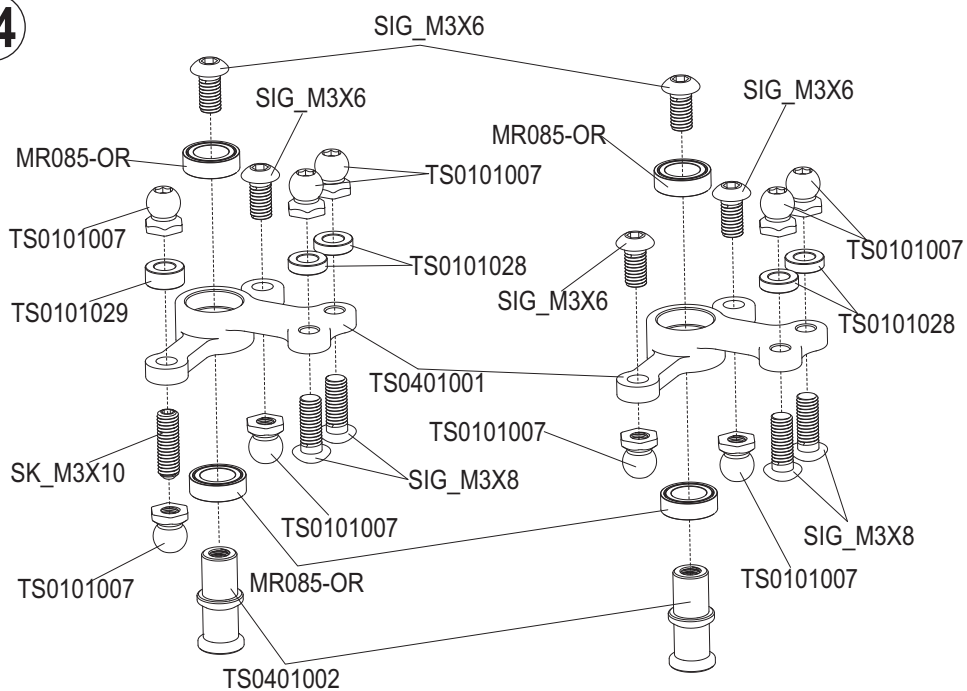
 MR085-OR4

 SIG_M3X65

 SIG_M3X84

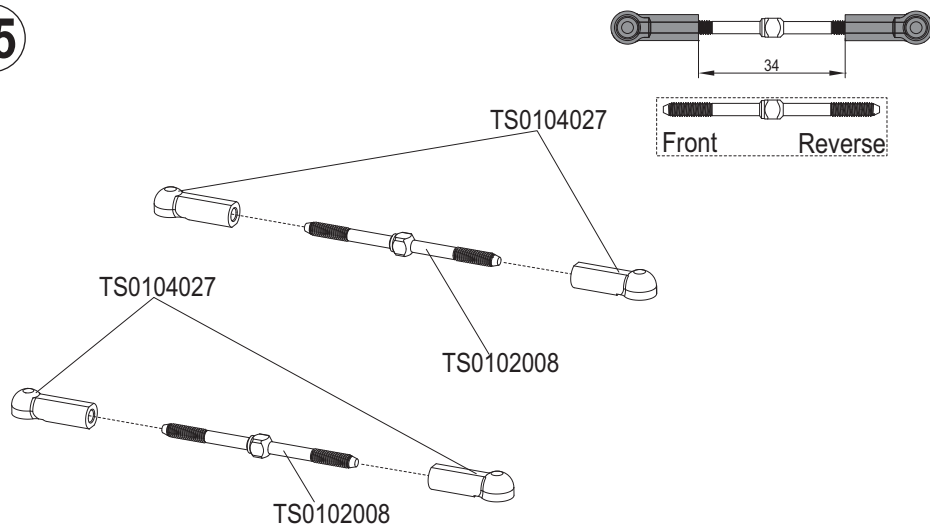
 SK_M3X101

14



 (L=45.7mm)
 TS01020082
 (L=18.5mm)
 TS01040274

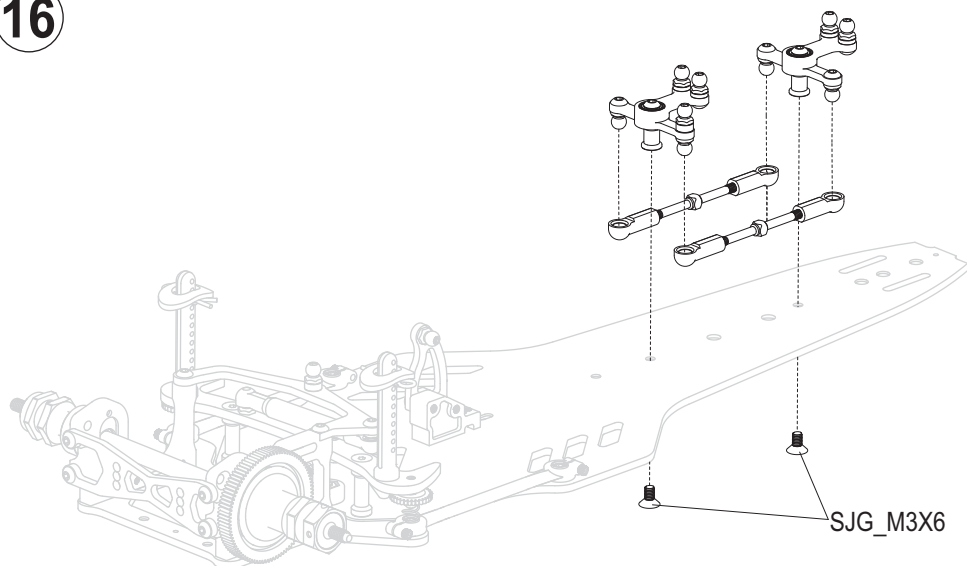
15





SJG_M3X6.....2

16



17 ~ 24
Kit Bag F



TS0104023.....4



TS0101007.....4



TS0102015.....4



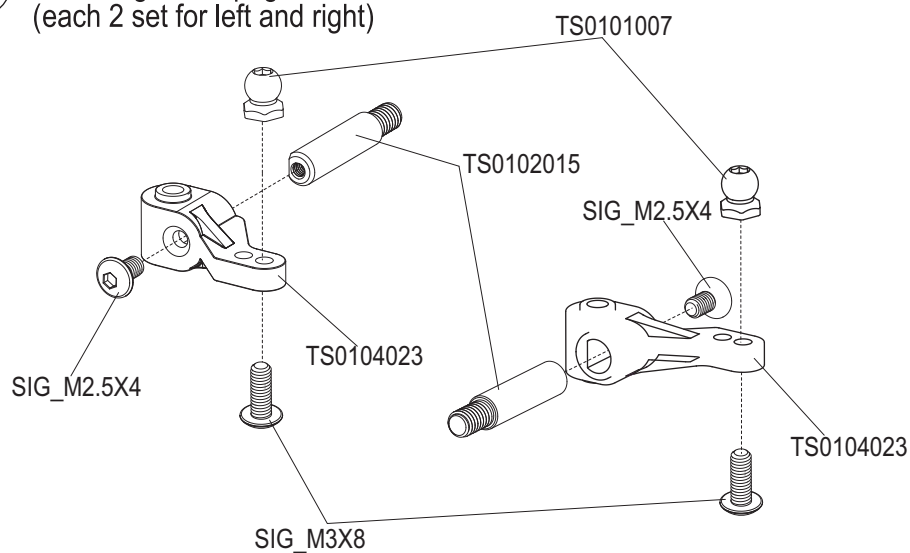
SIG_M2.5X44



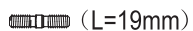
SIG_M3X84

17

Attaching front uprights
(each 2 set for left and right)



TS0104073.....4



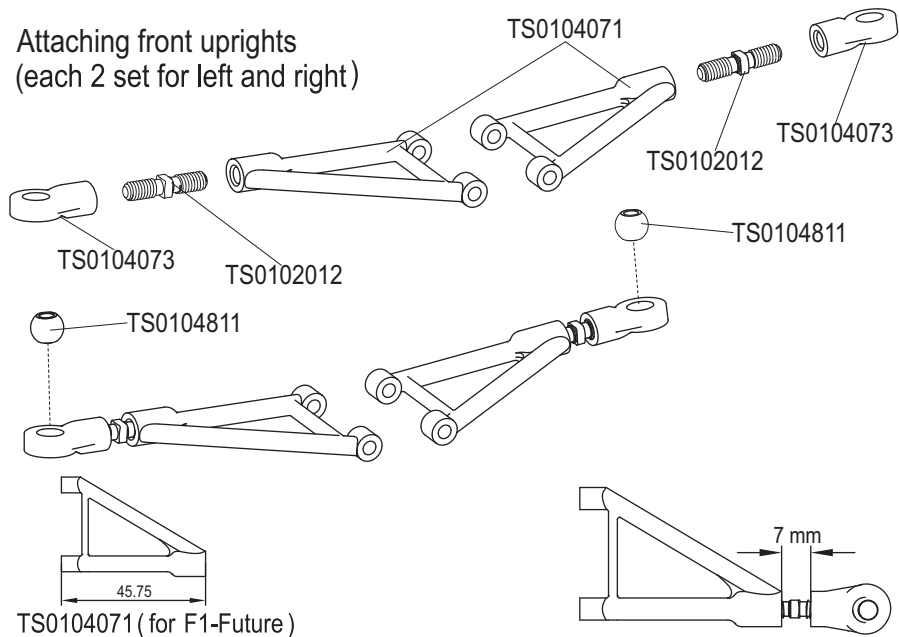
TS0102012.....4

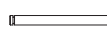


TS0104811.....4

18

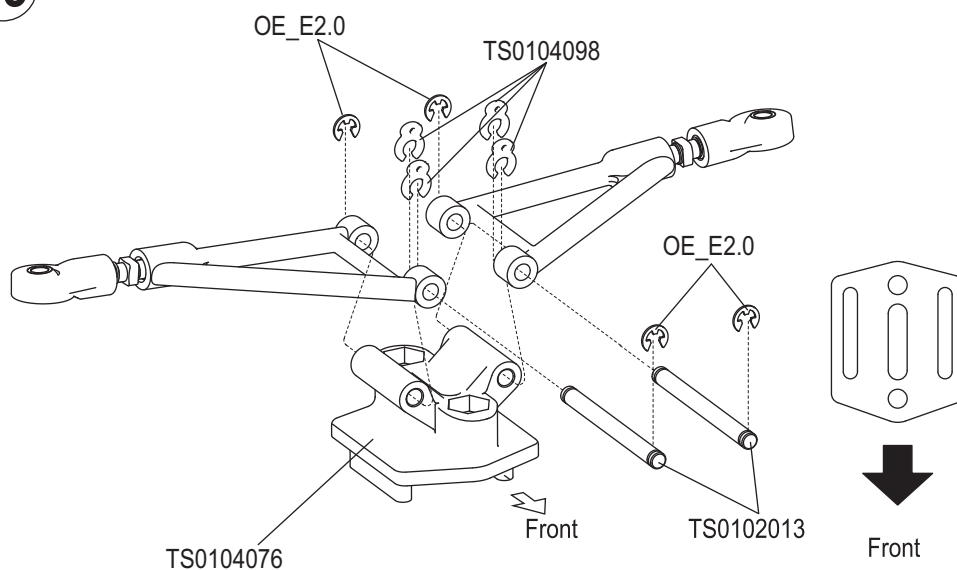
Attaching front uprights
(each 2 set for left and right)



 L=33.6mm
 TS0102013.....4
 (h=1.0mm)
 TS0104098.....8

 OE_E2.0.....8

19 Front and rear 2 set




 TS0104074.....2

 TS0102807.....2

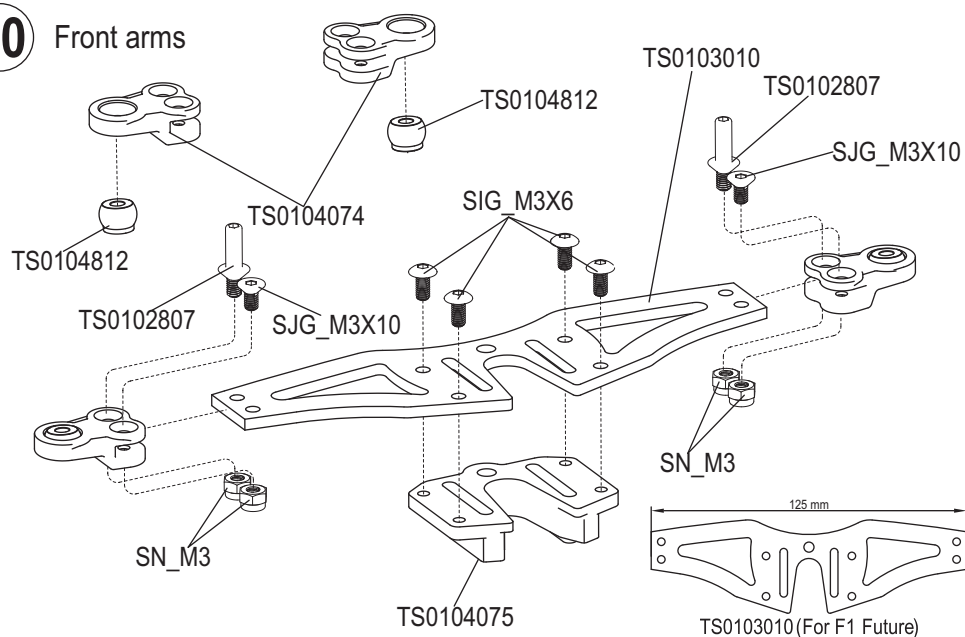
 TS0104812.....2

 SJG_M3X10.....2

 SIG_M3X6.....4

 SN_M3.....4

20 Front arms



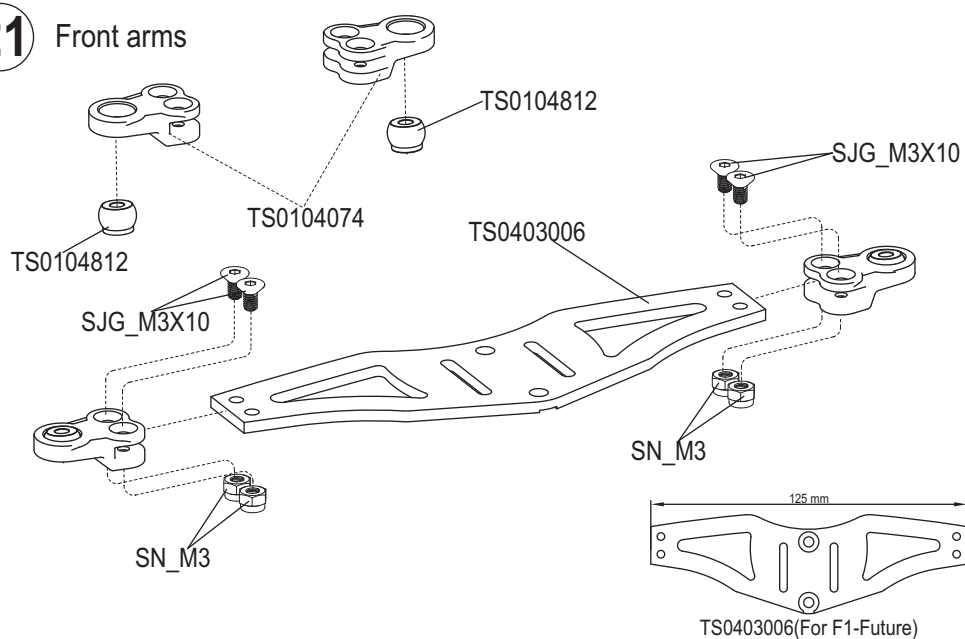

 TS0104074.....2

 TS0104812.....2

 SJG_M3X10.....4

 SN_M3.....4

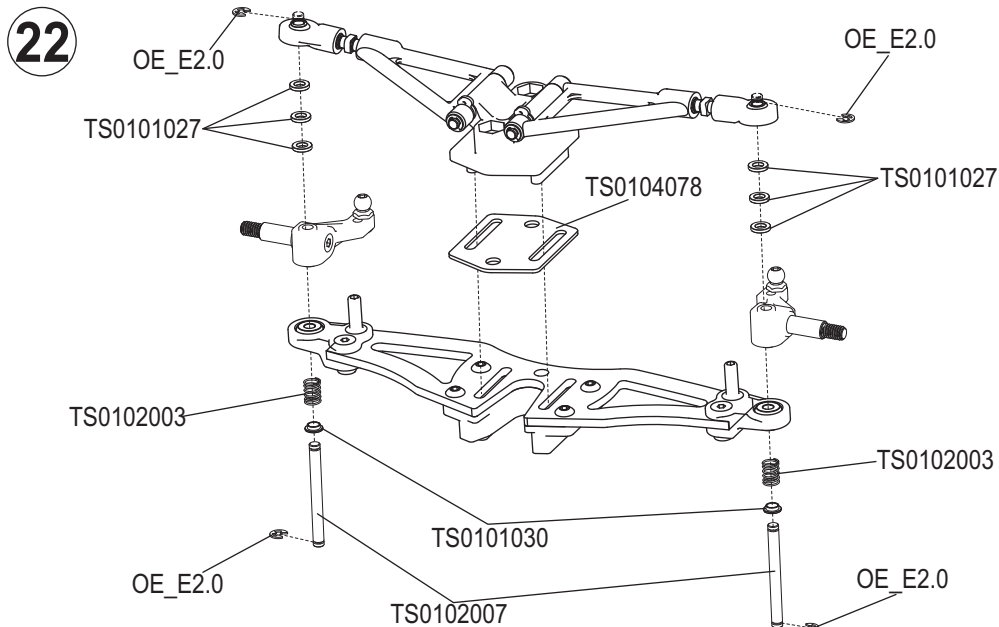
21 Front arms



 (L=31mm)
 TS0102007.....2

 TS0102003.....2

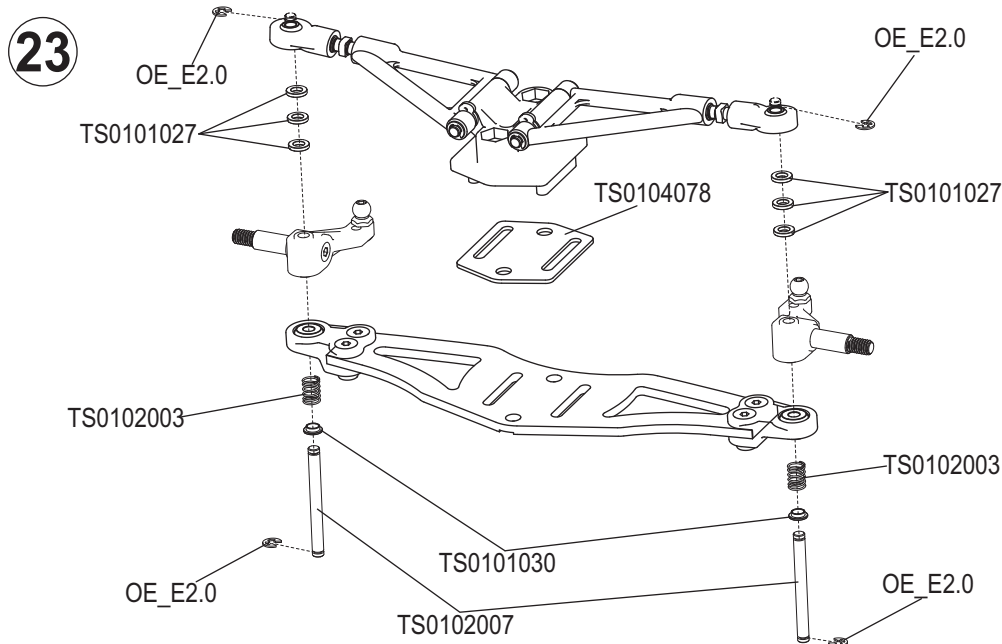
 TS0101030.....2
 (h=1.0mm)
 TS0101027.....6
 (h=1.0mm)
 OE_E2.04



 (L=31mm)
 TS01020072

 TS01020032

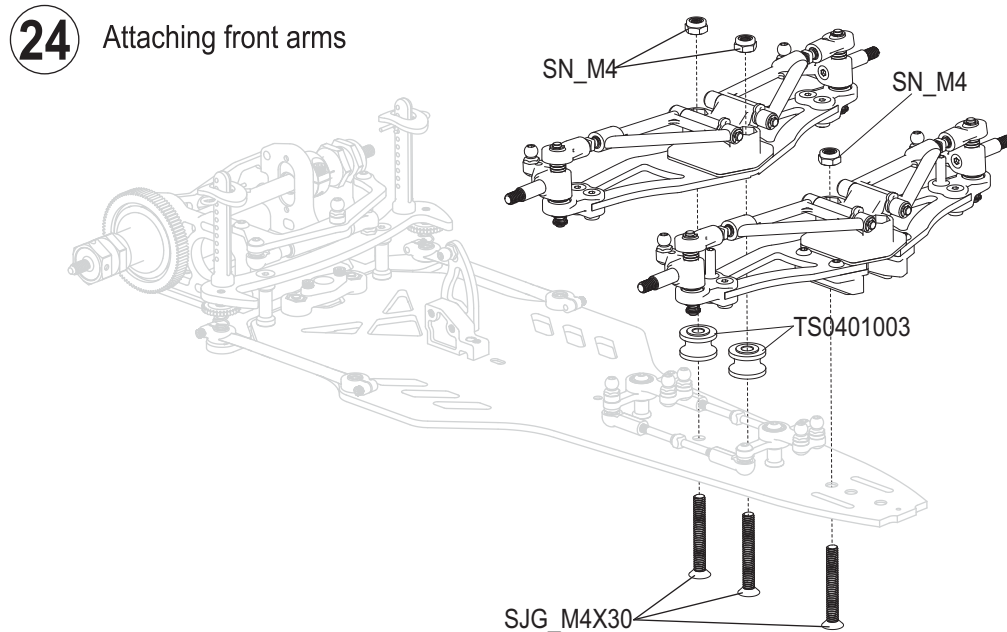
 TS01010302
 (h=1.0mm)
 TS01010276
 (h=1.0mm)
 OE_E2.04




 TS04010032

 SN_M43

 SJG_M4X303

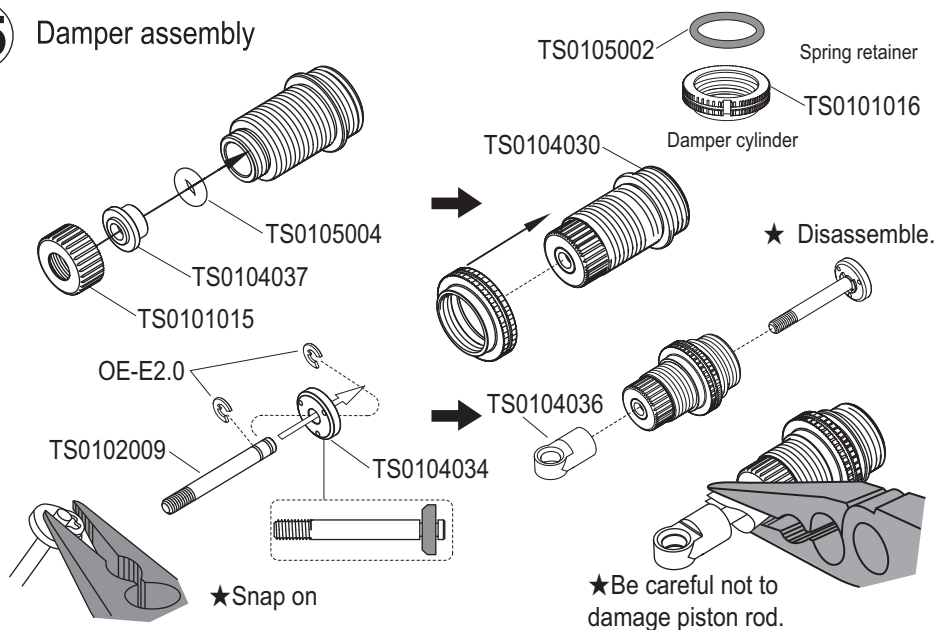




25 ~ 29
Kit Bag G

	TS0102009.....1
	TS0104034.....1
	TS0104037.....1
	TS0105002.....1
	TS0105004.....1
	OE_E2.02

25 Damper assembly



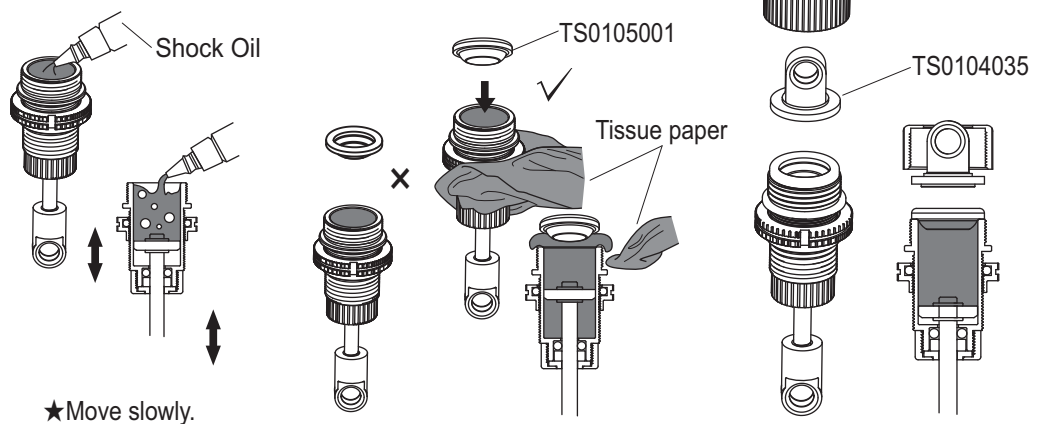
	TS01050011
--	------------------

26 Damper oil

1. Pull down piston and pour oil into cylinder. Remove air bubbles by slowly moving piston up and down.

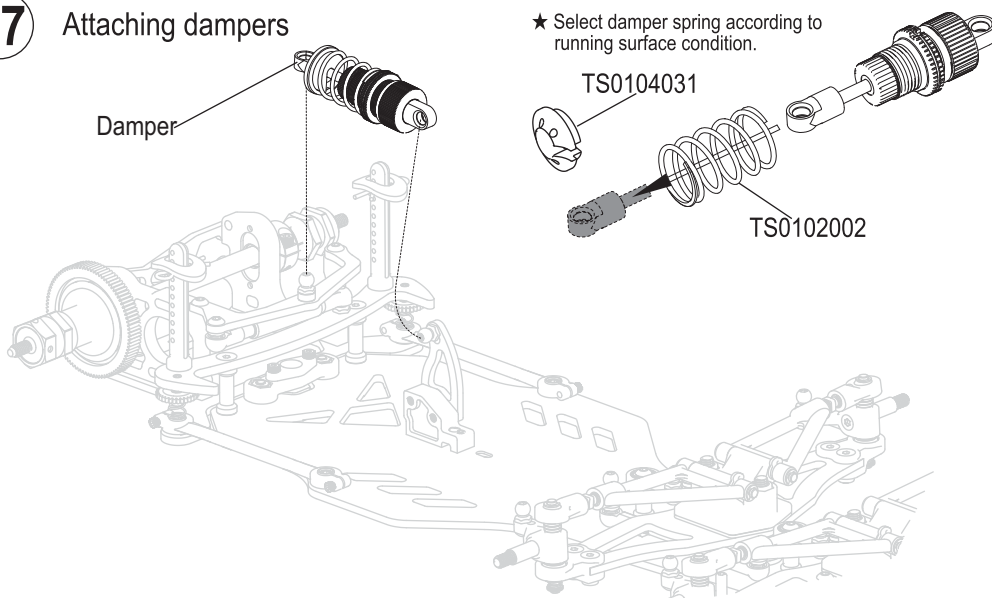
2. Pull down piston, attach oil seal and absorb oil overflow with tissue paper.

3. Tighten cylinder cap.



	TS01020021
--	------------------

27 Attaching dampers





TS0401006.....2



TS0101007.....1



TS0102016.....2



TS0102017.....1



SIG_M3X6.....1

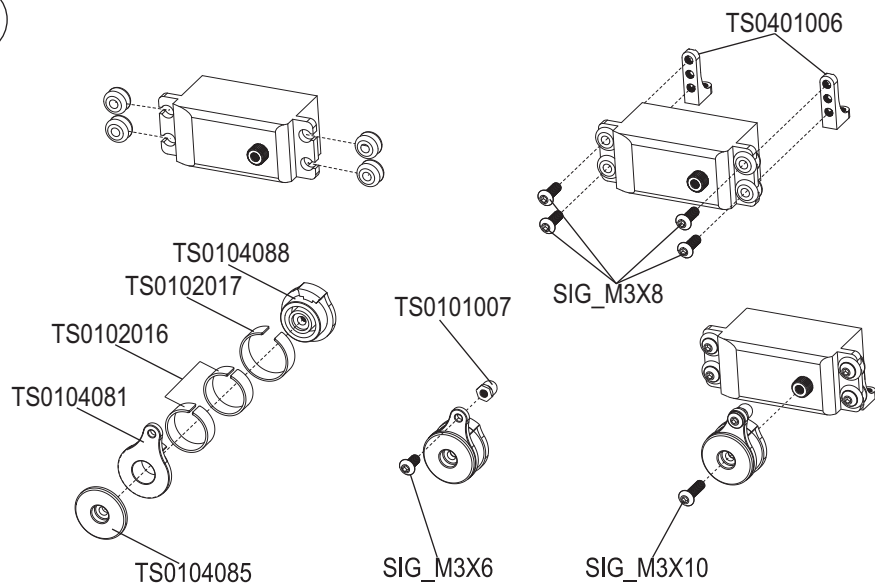


SIG_M3X8.....4



SIG_M3X10.....1

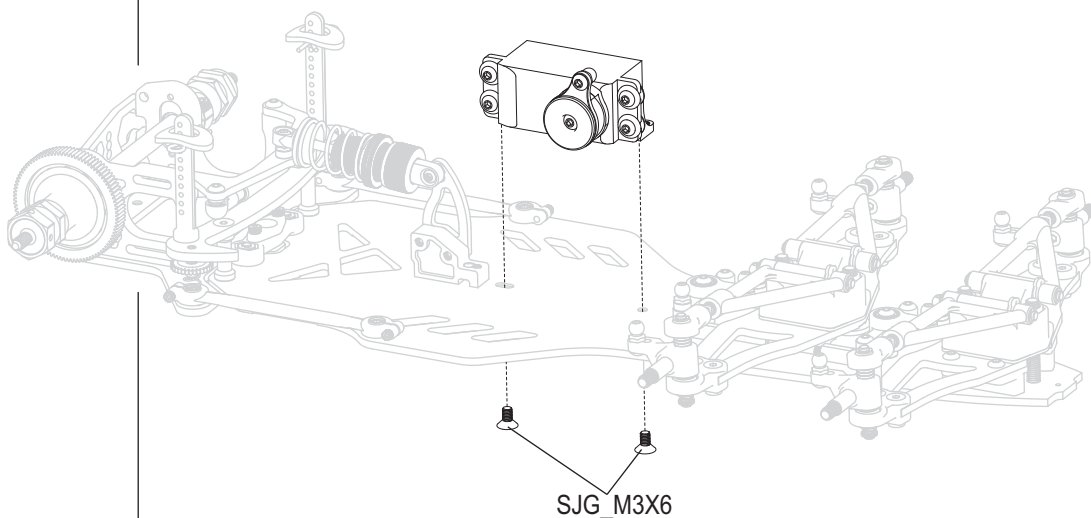
28



SJG_M3X6.....2

29

Attaching steering servo



30 ~ 36
Kit Bag H

30

Servo saver

★ Assembly 4 sets for long/assembly
1 set for short

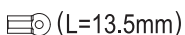
(L=22mm)

TS0402001.....1

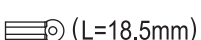


(L=45.7mm)

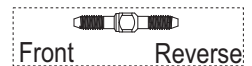
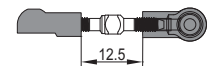
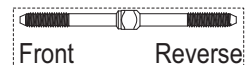
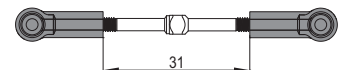
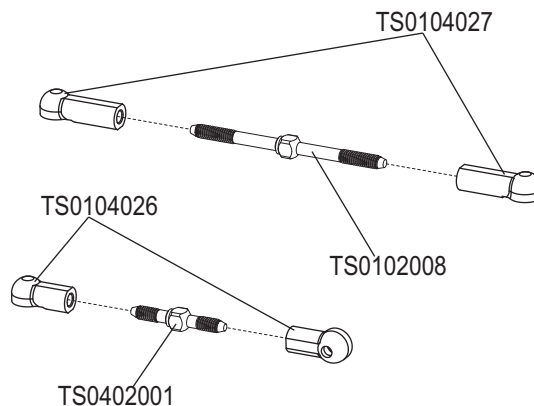
TS0102008.....4



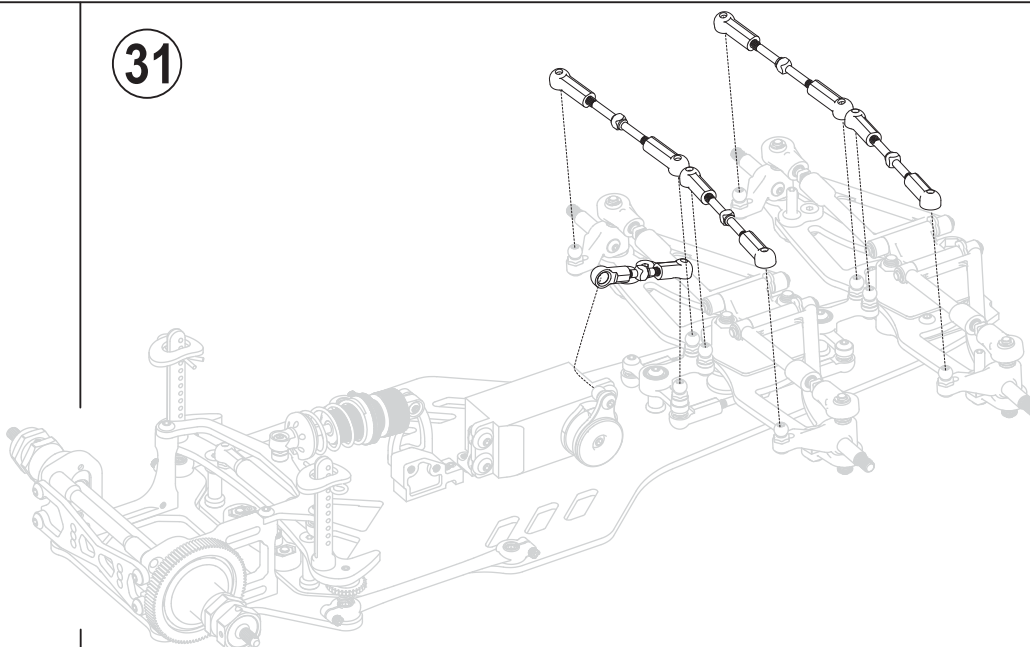
TS0104026.....2



TS0104027.....8



31



32

Attaching front wing



TS0104007.....1



TS0104003.....1



TS-P034_R6.....1



SIG_M3X8.....1

★ Adjust snap pin positions according to the body.

TS-P034_R6

TS0104003

TS0104007

TS0104001

SIG_M3X8

33



SJG_M4X10.....1



SJG_M4X30.....1



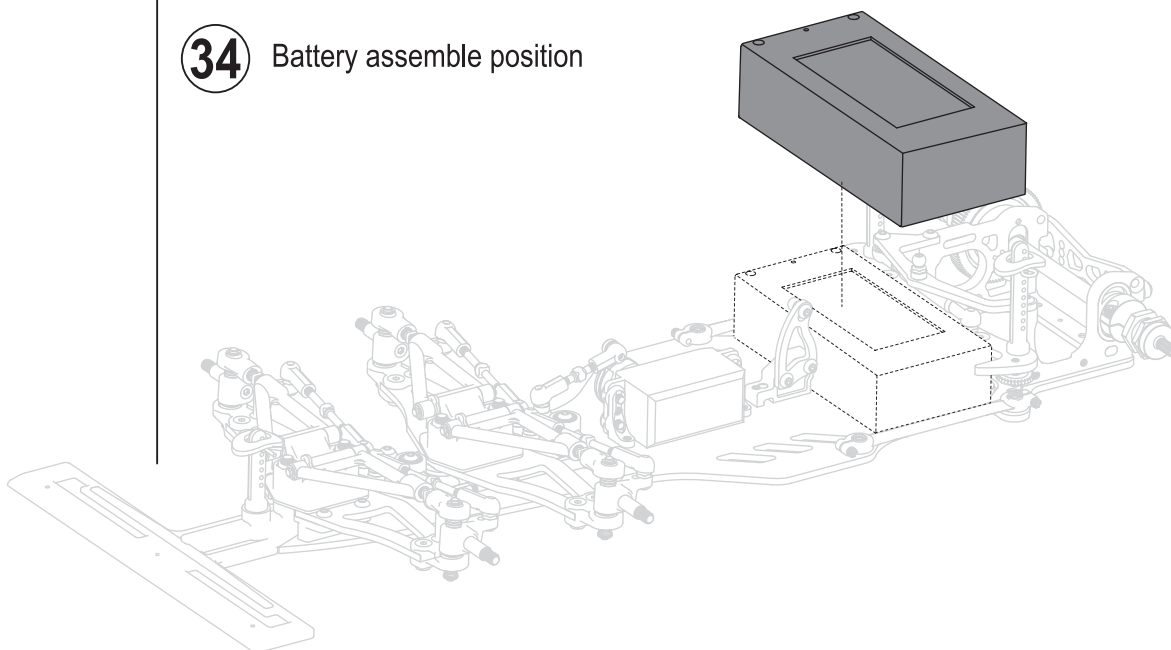
SN_M4.....1

SN_M4

SJG_M4X30

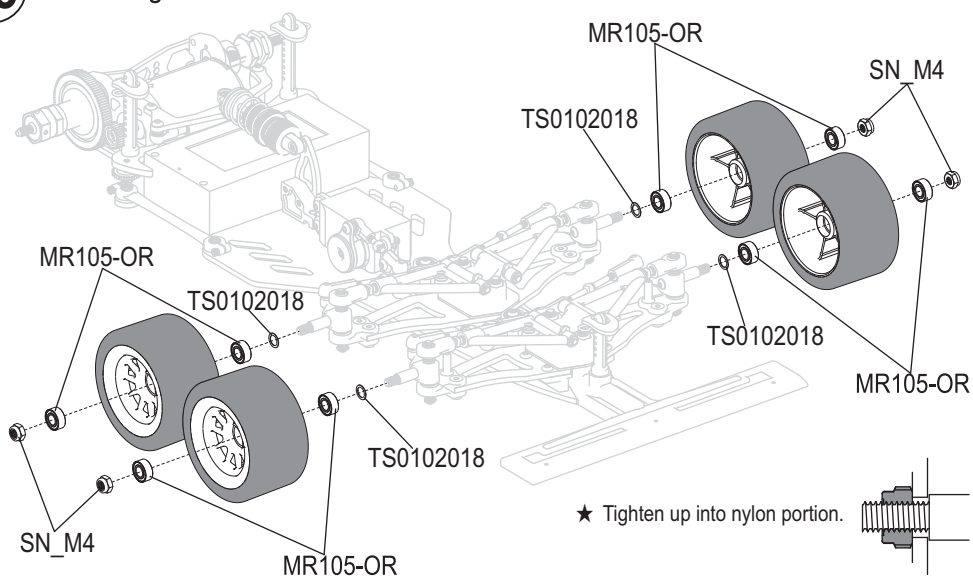
SJG_M4X10

34 Battery assemble position



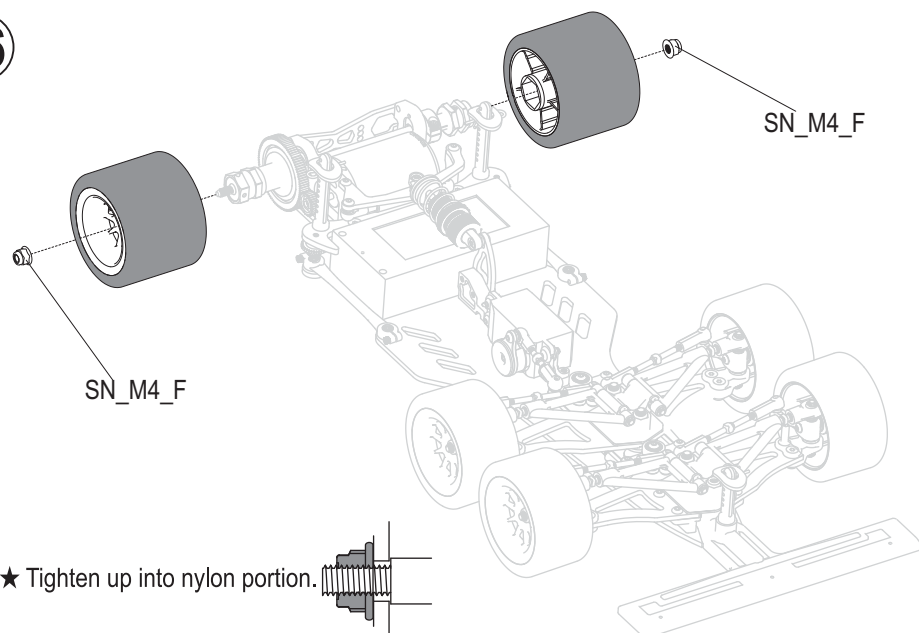
35 Attaching wheels

- | ○ (5X7X0.5)
TS0102018.....4
- ◎ (5X10X4)
MR105-OR8
- ◎ □
SN_M4.....4



36

- SN_M4_F2



SETTING - UP

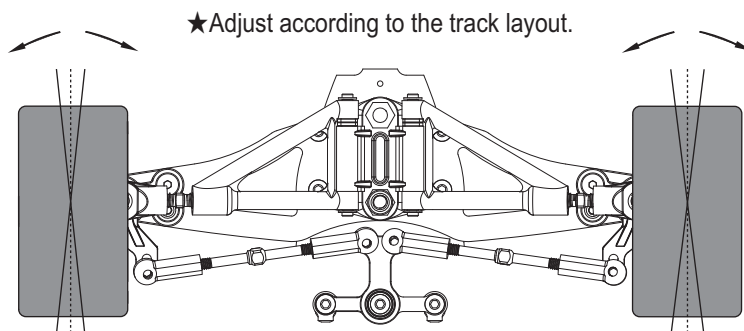
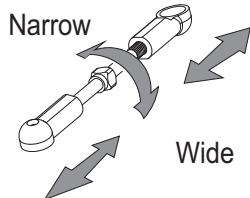
- Record various running conditions and settings on the setting sheet

TOE-IN AND TOE-OUT

Toe-in and toe-out

- ★ Adjust rod length by rotating adjuster.

- ★ Make sure the servo is in neutral.



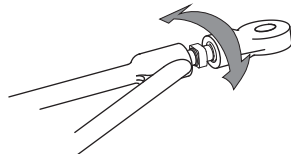
CAMBER ANGLE

Camber angle

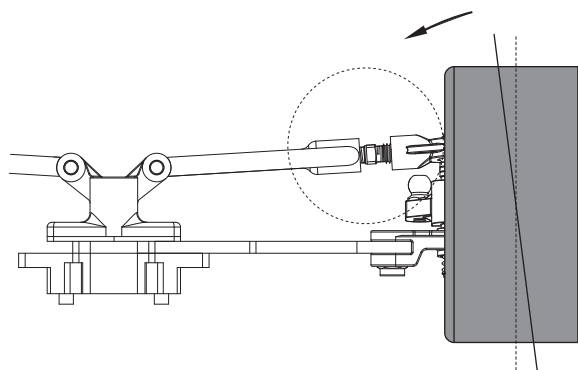
- ★ Adapt for the draw bar to adjust camber angle.



Narrow



Wide

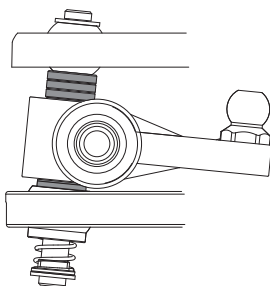


GROUND CLEARANCE

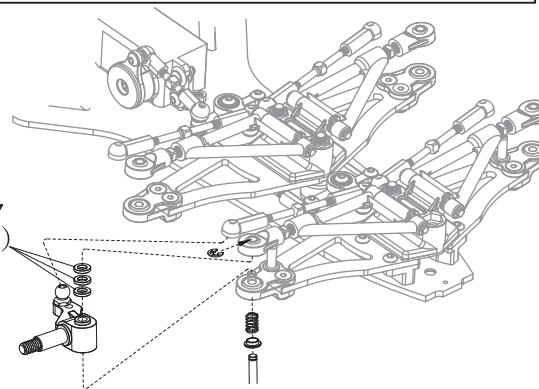
- ★ Ground clearance can be altered according to wheel diameter, etc.

Front

- ★ Adjust by altering TS0101027 positions.

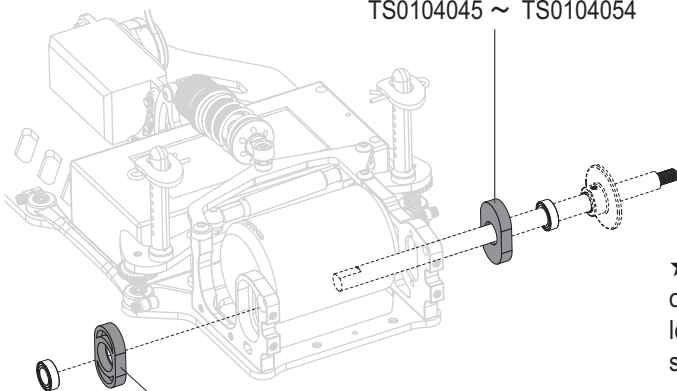


TS0101027
(h=1.0mm)



Rear

TS0104045 ~ TS0104054



TS0104045 ~ TS0104054

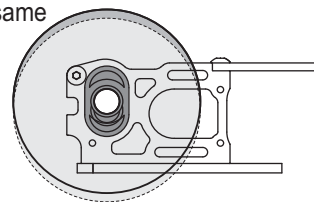
TS0104045 TS0104046 TS0104047 TS0104048 TS0104049



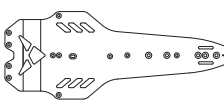
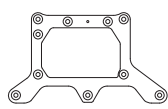
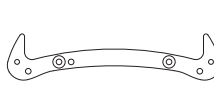
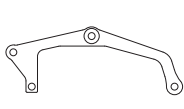
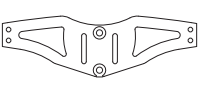
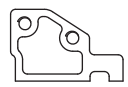
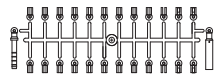
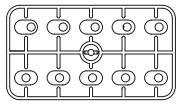
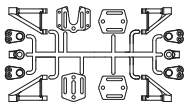
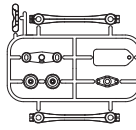
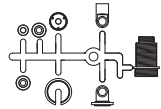
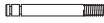
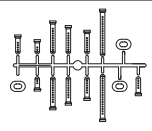
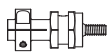
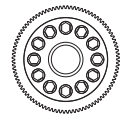
TS0104050 TS0104051 TS0104052 TS0104053 TS0104054

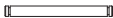
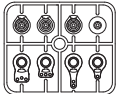
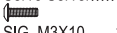
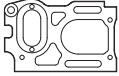
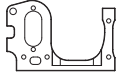


- ★ Use spacers of the same offset for the right and left, and make sure the shaft is horizontal.





TS04001  TS0403001.....1PCS	TS04002  TS0403002.....1PCS	TS04003  TS0403003.....1PCS	TS04004  TS0403004.....1PCS	TS04005  TS0403005.....1PCS
TS04006  TS0403006.....1PCS	TS04007  TS04010012PCS  TS04010022PCS  TS01010284PCS  TS01010291PCS  TS01010079PCS  MR085-OR4PCS  SJG_M3X62PCS  SIG_M3X65PCS  SIG_M3X84PCS  SK_M3X101PCS		TS04008  TS04010032PCS	TS04009  TS04010041PCS
TS04010  TS04010052PCS	TS04011  TS04010062PCS		TS04012  TS0402001.....1PCS	
TS01006  TS01040262  TS0101018.....1  TS0104080.....1  SK_M3X10.....1 Friction absorber set	TS01007  Ball stud..... 1PCS	TS01008  Ride Height Adjuster Set..... 1PCS	TS01015  Front Suspension plastic component. 2PCS	TS01020  Link Joint Set..... 1PCS
TS01018  Shock absorber plastic component 1 set  TS01010151PCS  TS0102009.....1PCS  TS01010161PCS  TS0101017.....1PCS  TS01020021PCS Damper  OE_E22PCS  TS0105001.....1PCS  TS01050021PCS  TS0105004.....1PCS				
TS01021  Body Mount Post Set1 set	TS01022  TS01020152PCS  SN-M4.....2PCS  SIG_M2.5X4.....2PCS  TS0104023.....2PCS  TS0102018.....2PCS		TS01023  Rear axle Set 1PCS	TS01030  TS01030071PCS
TS01035  TS0101002 1PCS  SG_M2.5X6..... 1PCS  SK_M3X3..... 1PCS	TS01038  TS0101005.....1PCS  TS0102028.....1PCS  SK_M3X3.....1PCS	TS01040  TS01020042PCS	TS01042  Ball bearing 3mm TS0102006..... 12PCS	TS01043  TS0104069..... 1PCS
TS04014  SN-M38PCS  SN-M49PCS  SN-M4-F.....2PCS Lock Nut  SIG_M2.5X4.....4PCS  SIG_M3X6.....21PCS  SIG_M3X8.....15PCS  SIG_M3X10.....1PCS Screw  SJG_M3X44PCS  SJG_M3X611PCS  SJG_M3X86PCS  SJG_M4X10.....1PCS  SJG_M4X30.....4PCS Cap  SK_M3X34PCS  SK_M3X82PCS  SK_M3X10.....2PCS  SK_M4X16.....1PCS Grub screw  SG_M2X66PCS  SG_M2.5X61PCS Cap screw				

TS01044  TS0104070.....1PCS	TS01048  TS0102018.....10PCS	TS01055  TS0102007.....2PCS	TS01058  TS0102008..... 2PCS	TS01061  TS0102009..... 1PCS
TS01062  TS0102010..... 5PCS	TS01065  Roll spring TS0102001..... 2PCS	TS01068  Shock absorber spring TS0102002..... 1PCS	TS01069  Front coil spring TS0102003.....2PCS	TS01070  TS0101007.....8PCS
TS01076  TS0102013.....2PCS	TS01077  TS0104811..... 2PCS	TS01078  TS0104812 2PCS	TS01089  TS0102807.....2PCS	TS01091  TS0102015.....2PCS
TS01095  TS01010304PCS	TS01098  TS0103012.....1PCS	TS01099  TS0101044.....1PCS	TS01100  TS0101043..... 1PCS	TS01101  TS0102026..... 10PCS
TS01102  TS0101045..... 1PCS	TS01105  TS0102012.....2PCS	TS01107  TS0102027..... 4PCS	TS02013  TS0102017.....1PCS  TS0102016.....2PCS  Servo Server.....1 set  SIG_M3X10.....1PCS	
TS02036  TS0101020 1PCS  SJG_M3X8.....5PCS	 TS0101021..... 1PCS  SIG_M3X6..... 4PCS	TS02038  TS01040232PCS	TS02061  TS0201031.....2PCS	OE-E 2.0  E-ring OE-E 2.0.....8PCS
TS-P034_R6  Clip TS-P034_R6.....10PCS	MR085-OR  5×8×2.5 MR085-OR.....10PCS	MR106-OR  6×10×3 MR106-OR10PCS	MR106-T  6×10×3 MR106-T10PCS	MR105-OR  5×10×4 MR105-OR10PCS

TEAMSAXO

VA PON INDUSTRIAL CO.,LTD

<http://www.saxoracing.com>

E-mail:saxo@saxoracing.com



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VER 1.0

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VA PON INDUSTRIAL CO.,LTD

<http://www.saxoracing.com>

E-mail:saxo@saxoracing.com

1F.NO.1,Ln,122,Chelutou St.Sanchong Dist,New Taipei City 241 Taiwan 24157



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