

A detailed technical line drawing of a 1/10 scale EP touring car chassis. The drawing shows the front and rear suspension systems, including shock absorbers, coil springs, and various linkages. The engine and transmission assembly is also depicted. A large, thick white arrow points from the left towards the center, containing the text "BD".

2015 BLACK SERIES

1/10 SCALE EP TOURING CAR CHASSIS KIT

この度はヨコモ製R/Cカーキットをお買い求め頂き、誠に有り難うございます。このキットは、ワールドチャンピオン メーカーであるヨコモの高性能・競技用R/Cカーです。
本説明書に従った正しい組立・安全な走行をして頂ければ、誰でも手軽に楽しむことが出来ます。

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

R/C カーを安全に楽しんで頂くための 注意事項

お子様(中学生以下)が組立・走行する際は、必ず保護者の方が付き添い 安全を確認して下さい。

組立の注意

- 幼児のいる場所では組み立てないで下さい。小さな部品を飲み込む等、非常に危険です。
- 組立の前に必ず内容をお確かめ下さい。万一不良部品、不足部品などがあった場合は、ヨコモ アフターサービス部までお問い合わせ下さい。
- 組立の前に説明書を最後まで読み、全体の流れをつかむと効率的な組立が出来ます。
- 組み立てる際は、様々な工具が必要になります。安全の為に必ず作業内容に合った工具を使用して下さい。又、カッターナイフ等を使用する際は危険を伴いますので、注意して下さい。
- 部品には様々な素材を使用しています。切削加工された金属バーツ等はエッジが鋭く、慎重な組立が必要となります。ケガをしないよう注意して下さい。
- プラスティックバーツなどを切断する際は、切断した部品が飛び危険があるので注意して下さい。
- 回転部や駆動部は出来るだけスムーズに動作するように組み立てて下さい。
- 配線やコード類はきれいにまとめて下さい。回転部分や走行路面にコードが接触すると危険です。又、配線は確実に接続されていないショートなどの恐れや、性能を十分に発揮出来ない場合があります。
- 必要以上の分解、改造をすると、安全性が低下したり走行性能が十分に発揮出来なくなる場合があります。
- 塗装は、周囲に火気の無いことを確認し、換気の良い場所で行って下さい。

走行の注意

- ヨコモ製R/Cカーは競技用の為、時速40kmを越える速いスピードが出るモデルもあります。ルールを守って安全な場所や、R/Cカー用サークットで走らせて下さい。
- 公道等、周囲の人の迷惑になるような場所では絶対に走らせないで下さい。
- R/Cカーは電波を利用する為、何らかのトラブルで最悪の場合は暴走する事があります。狭い場所や室内は避け、出来るだけ広い、障害物のない場所で走らせて下さい。
- 周囲にR/Cカーを走らせている人がいる場合は、電波が重ならないように、周波数を確認し合って、安全を確かめて下さい。
- R/Cカーは水を嫌います。雨の日や、水たまりのある場所で走らせると、R/Cメカが壊れたり、暴走する危険があります。
- R/Cカーの駆動部分、ギヤやベルト、タイヤなどは高回転で回ります。バッテリーを接続した後は危険ですので、回転部分に手を触れないで下さい。
- 走行後のR/Cカーは各部が高温になる事があります。危険ですので冷却期間をおいてから、メンテナンスなどをして下さい。

走らせる手順

- ① タイヤが空転する様に、台の上にR/Cカーを置きます。
- ② スピードコントローラのスイッチがOFFになっている事を確認してから、モーターとバッテリーを接続します。
- ③ 送信機のアンテナを伸ばし、スイッチをONにします。(送信機の電圧が下がっていると危険です。常に電圧の高い状態で使用して下さい。)
- ④ 受信機のスイッチをONにします。

走行終了手順

- ① スピードコントローラのスイッチをOFFにします。
- ② バッテリーの接続を外します。
- ③ 送信機のスイッチをOFFにし、アンテナを縮めます。

バッテリーの取り扱い

- (バッテリーに付属の説明書に基づき使用して下さい。)
- バッテリーを充電する際は、周囲に燃えやすい物のない安全な場所で行って下さい。又、高温な場所での充電も避けて下さい。
 - バッテリーの充電中は充電状況を常に確認して下さい。充電器の誤動作などで過充電すると、最悪の場合は発火する危険性があります。バッテリー温度が50度を越えたら充電を中止して下さい。
 - 走行後のバッテリーは高い温度になります。連続使用するとバッテリーを傷める事になりますので、冷却期間を置いてから充電して下さい。又、走行後のバッテリーはコンディション放電する事によって、性能を持続させる事が出来ます。
 - 不要になったバッテリーは一般的ゴミと一緒に捨てずに、お手数でも電池専用の回収箱に捨てて下さい。

モーターの取り扱い

- (モーターに付属の説明書に基づき使用して下さい。)
- 7.2Vのバッテリーでモーターのから回しをすると危険です。モーター内部を破損し部品が飛び出す事も考えられますので、もしモーターのブレーキインをする時は、モーターをしっかりと固定し3~5V程度でから回して下さい。
 - モーターは定期的なメンテナンスが必要です。劣化するとスピードが出なくなったり、走行時間が短くなります。定期的にクリーニングしたり、ブラシが減ってきたら交換する等のメンテナンスをして下さい。
 - モーターの性能に合ったギヤ比を選択して下さい。ギヤ比が最適でないとモーターの性能を十分に発揮出来ないだけでなく、他のR/Cメカを壊す原因になります。
 - 走行後のモーターは非常に高い温度になります。連続走行するとモーターを傷める事になりますので、冷却期間を置いてから走行して下さい。

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 or 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

- Yokomo 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 a 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.

BATTERY USAGE

- (Carefully read the instruction included with the batteries.)
- When charging batteries, make sure that the surrounding area is void of anything highly flammable. Also avoid charging in high-temperature locations.
 - When charging batteries, frequently monitor the charging it catch on fire. If the battery reaches 50 degrees Celcius or more, stop charging.
 - Batteries will become hot after running. Continuous use of the battery pack may result in damage to the cells. Allow the battery too cool down before re-charging. Using a battery conditioner after running may prolong the life and performance of the battery.
 - Please do not discard old battery packs in the trash. Although inconvenient, please locate a battery disposal center.

MOTOR USAGE

- (Carefully read the instruction included with the motor.)
- Connecting a 7.2V battery directly to the motor can be very dangerous. This may cause the internal parts of the motor to break apart, causing some parts to fly out of the motor. To break-in the motor, safely secure the motor and run the motor at about 3-5V.
 - Motors require periodic maintenance. Slower speeds and decreased run times may indicate a worn-out motor. Periodically clean the motor and change the brushes when needed.
 - Choose a gear ratio that matches the power characteristics of the motor. Using a gear ratio unsuited to the characteristics of the motor will not only prevent the motor from performing at its optimum, but may even cause damage to the other electronics.
 - Motors will generally become very hot after running. Continuous running will reduce the life of the motor. Allow the motor to sufficiently cool between each run.

【組み立てに必要な物】

ACCESSORIES AND TOOLS NEEDED FOR [MRTC BD7-2015] ASSEMBLY

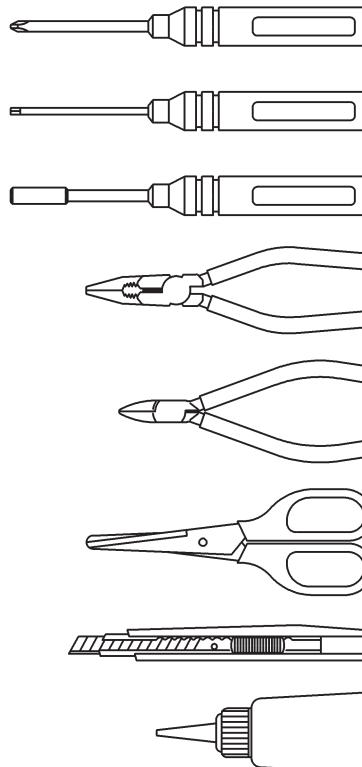
■ 走行の為に別にお買い求め頂く物 ■

ADDITIONAL ITEMS REQUIRED FOR USE (NOT INCLUDED IN KIT)

- 2チャンネルプロポ (1サーボ 1アンプ仕様)
**TWO CHANNEL R/C SURFACE RADIO SYSTEM
AND ELECTRONIC SPEED CONTROL**
- 走行用 角型 Li-Po バッテリー
SQUARE EDGE Li-Po BATTERY PACK
- 走行用バッテリー充電器
BATTERY CHARGER
- 走行用モーター
MOTOR
- タイヤ&ホイル
TIRES & WHEEL
- 走行用ボディー
BODY
- ボディー塗装用カラー
BODY SPRAY PAINT
- バッテリー固定用ストラッピングテープ
BATTERY STRAPPING TAPE
- 64ピッチ ピニオンギヤ
64P PINION GEAR

■ 別途用意する工具 ■

ASSEMBLING TOOLS REQUIRED (NOT INCLUDED IN KIT)



ドライバー (大, 小)
SCREW DRIVER (SMALL & LARGE)

六角レンチ (1.5mm & 2.0mm)
ALLEN WRENCH (1.5mm & 2.0mm)

ナットドライバー (7.0mm)
NUT WRENCH (7.0mm)

ラジオペンチ
NEEDLE NOSE PLIERS

ニッパー
SIDE CUTTER

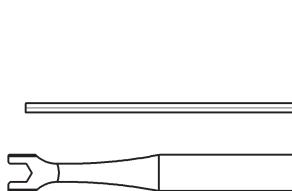
ハサミ
SCISSORS

カッター
HOBBY KNIFE

瞬間接着剤
CA (Cyanocrylate) GLUE

■ キットに入っている工具 ■

TOOLS (INCLUDED)



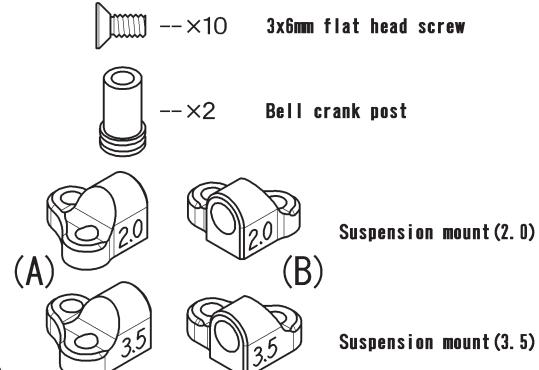
六角レンチ
**ALLEN WRENCH
(3.0mm)**

ターンバックルレンチ
TURNBUCKLE WRENCH

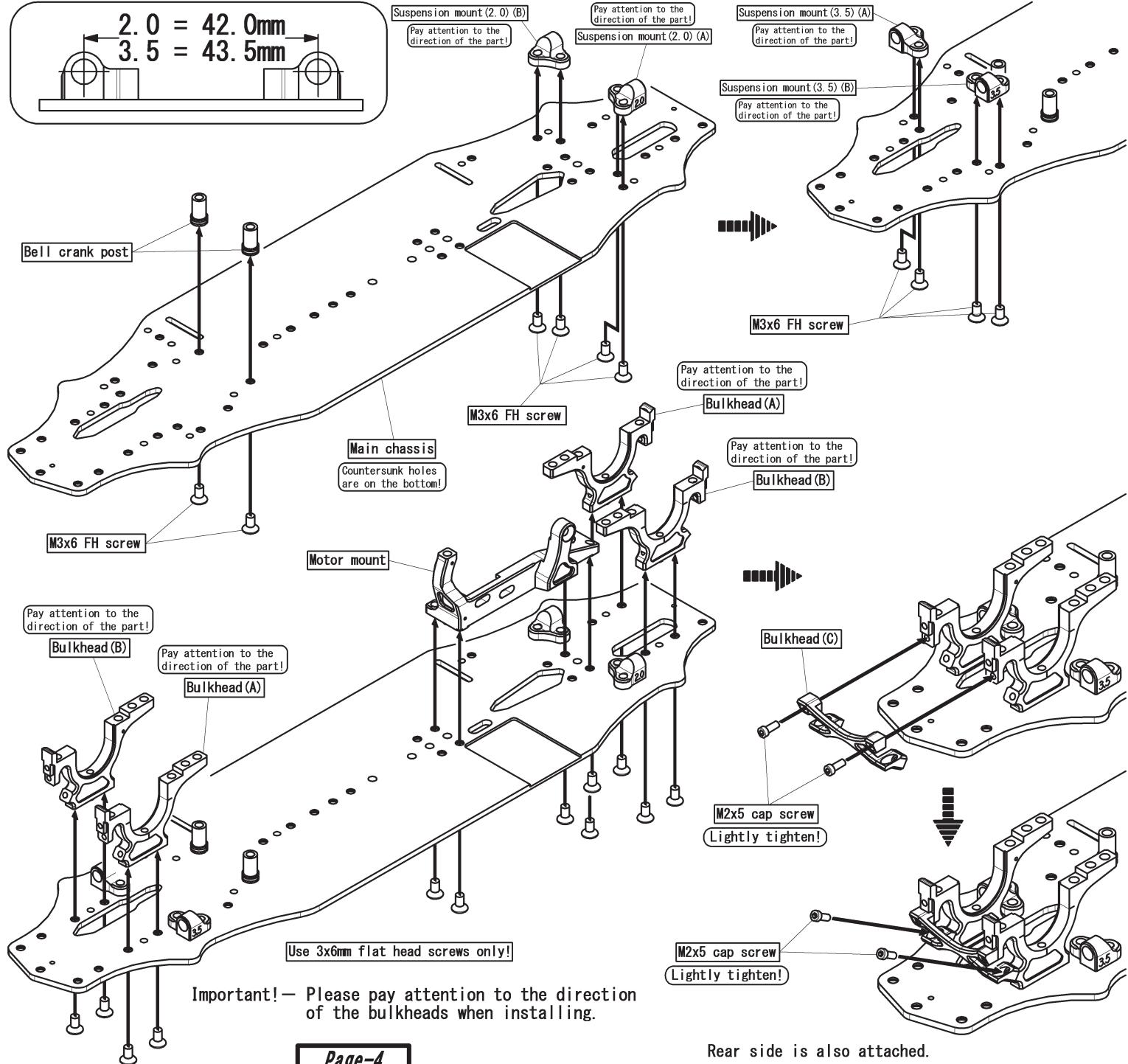
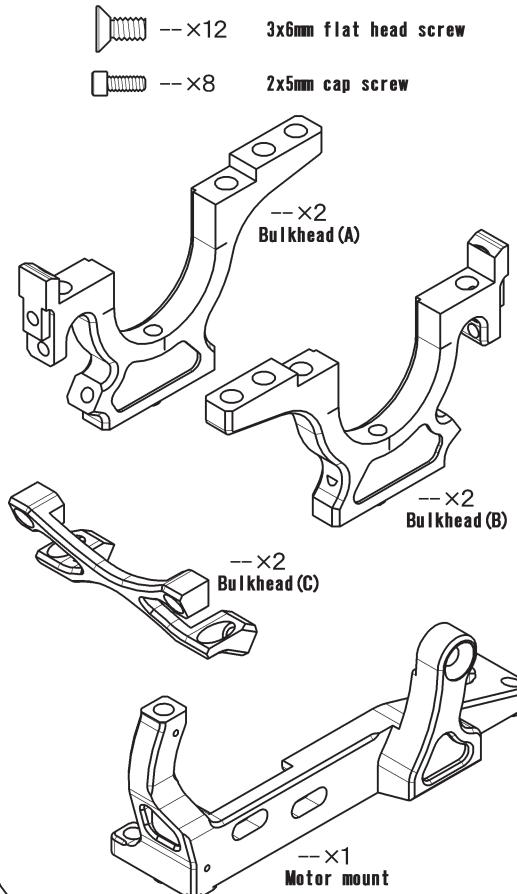
[MRTC BD7-2015]の性能を十分に発揮させる為にイラストを
良く参考し説明の順番に従って確実に組み上げて下さい。

*For assembly, follow the figures and the instructions closely so
that your [MRTC BD7-2015] will perform at its best!!*

[Bag-1 Contents]

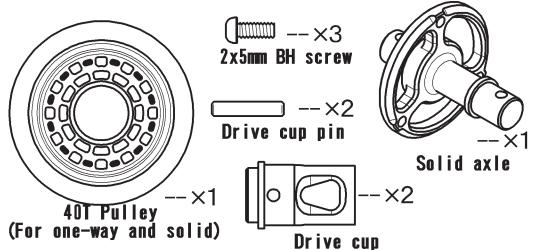


[Bag-2 Contents]

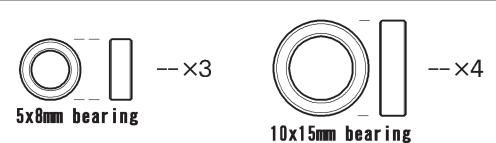
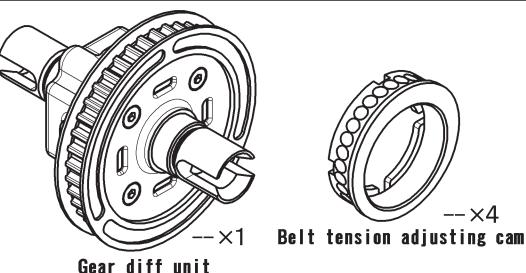
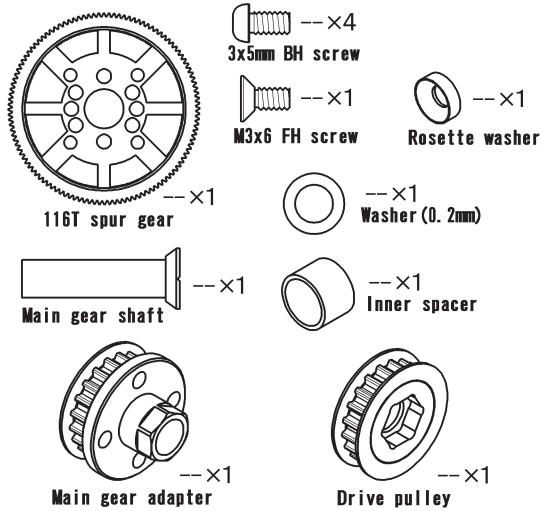


[Bag-3 Contents]

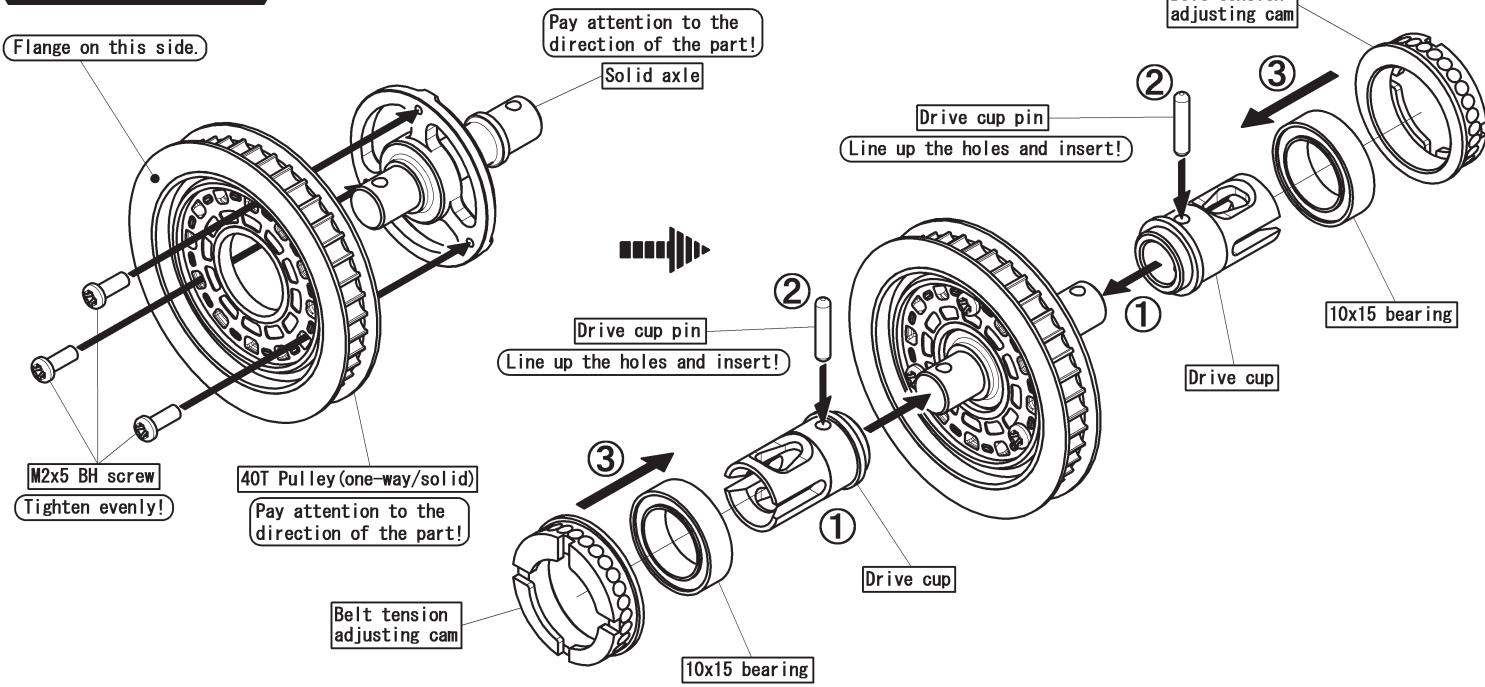
[SOLID AXLE PARTS]



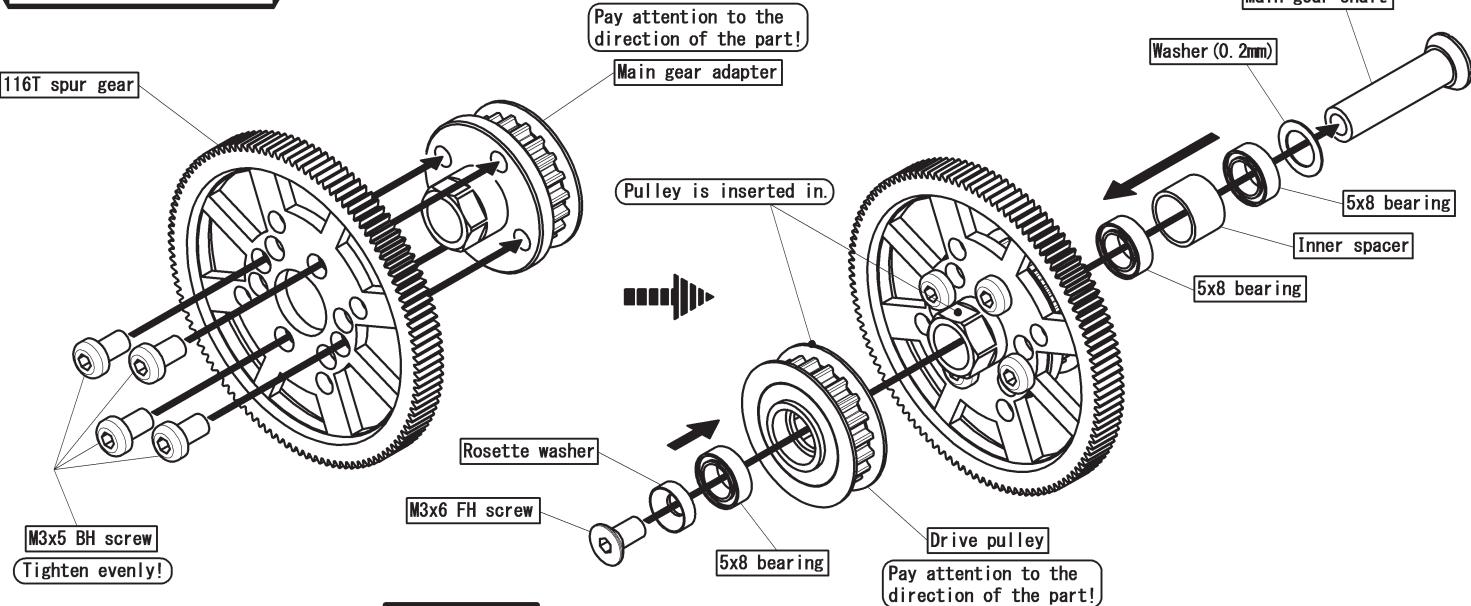
[CENTER GEAR PARTS]



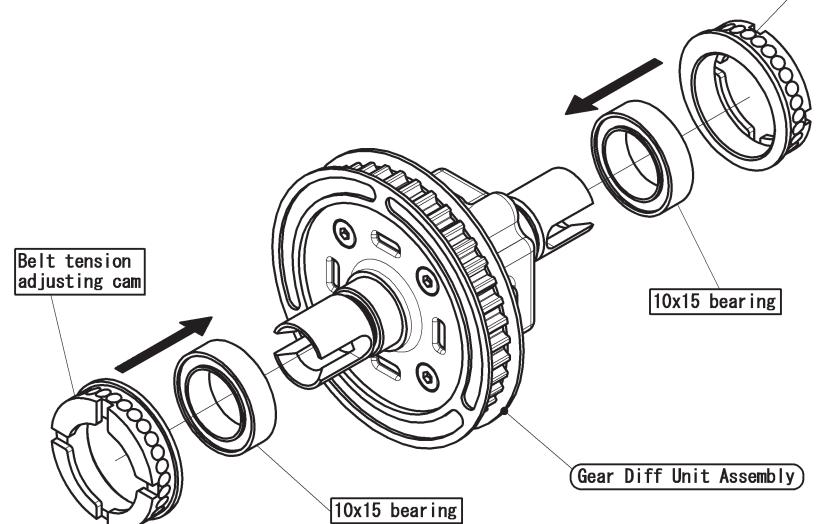
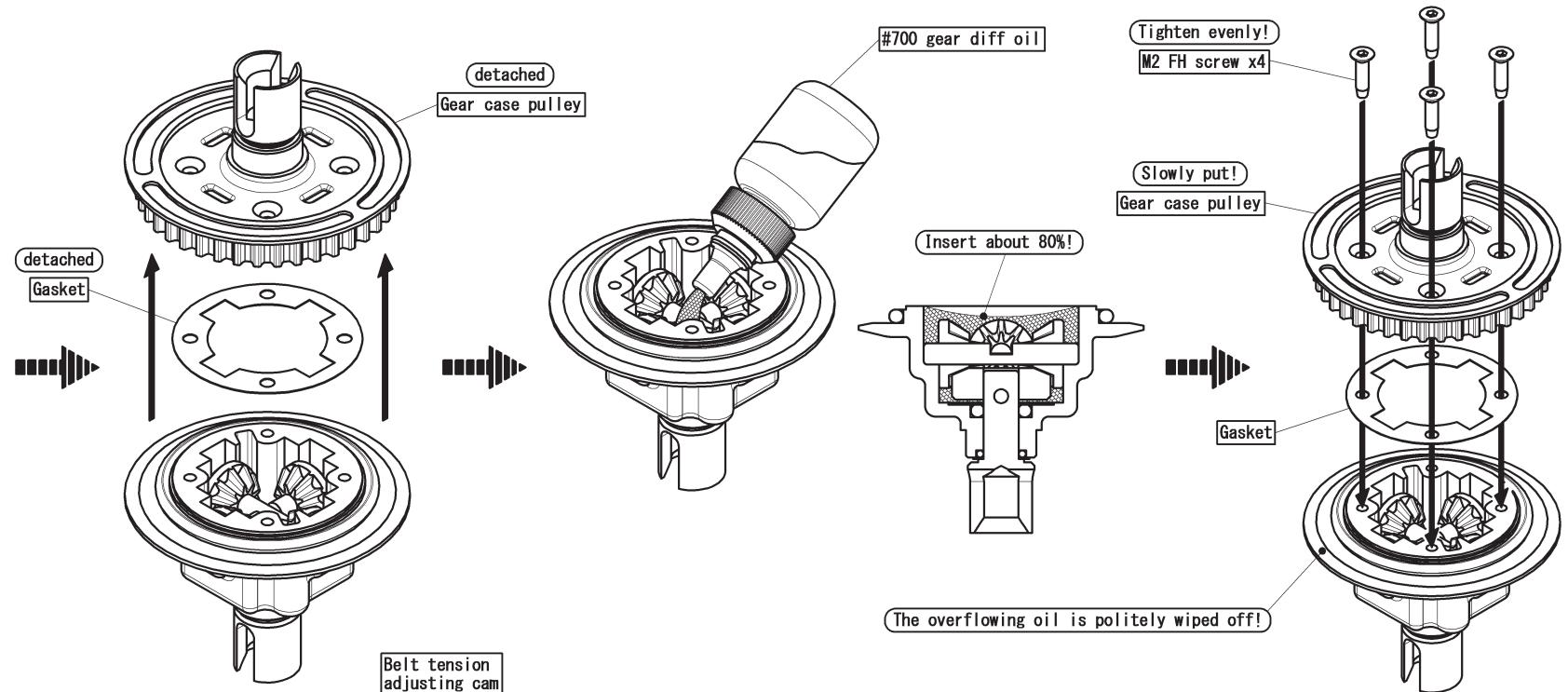
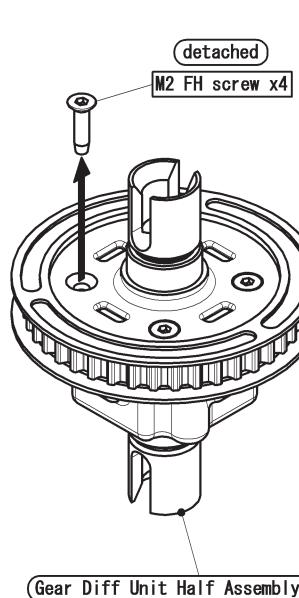
Solid Axle Assembly



Center Gear Assembly

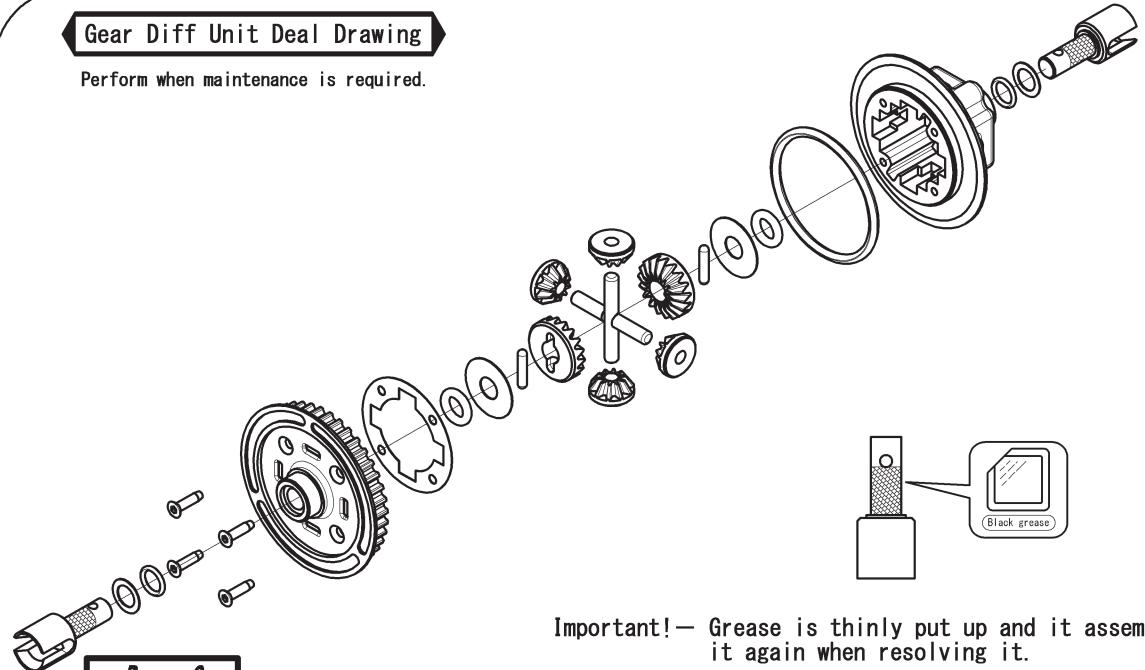


Gear Diff Unit Assembly



Gear Diff Unit Deal Drawing

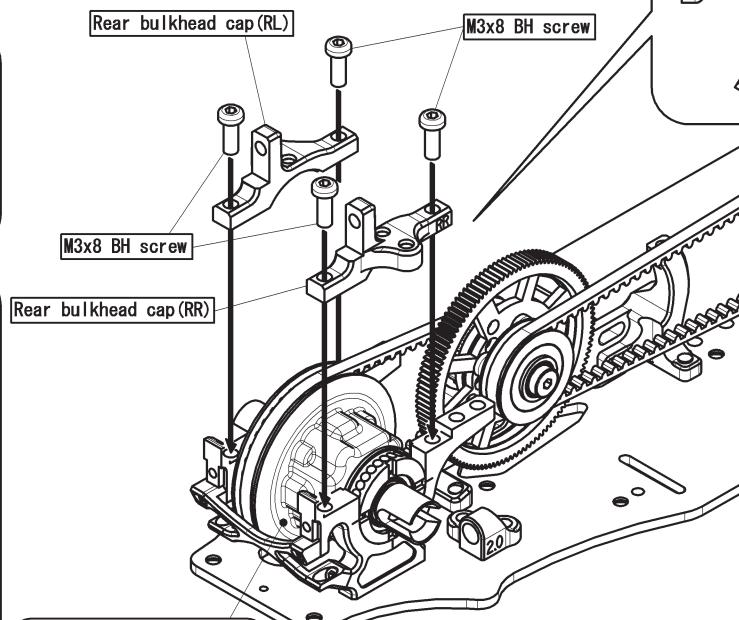
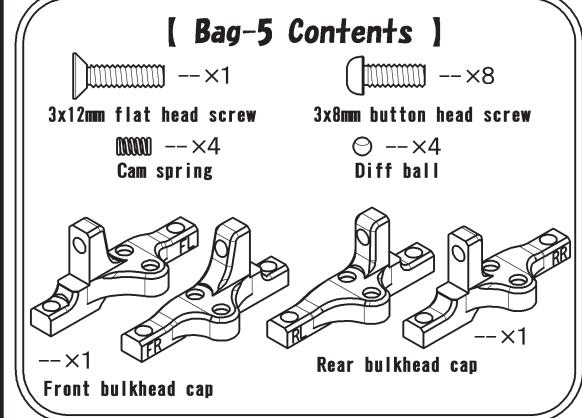
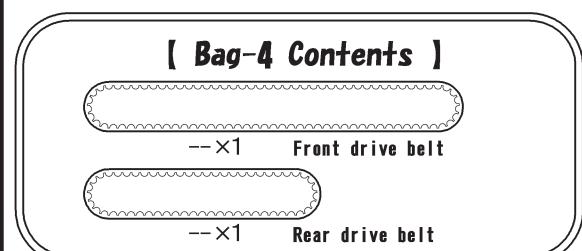
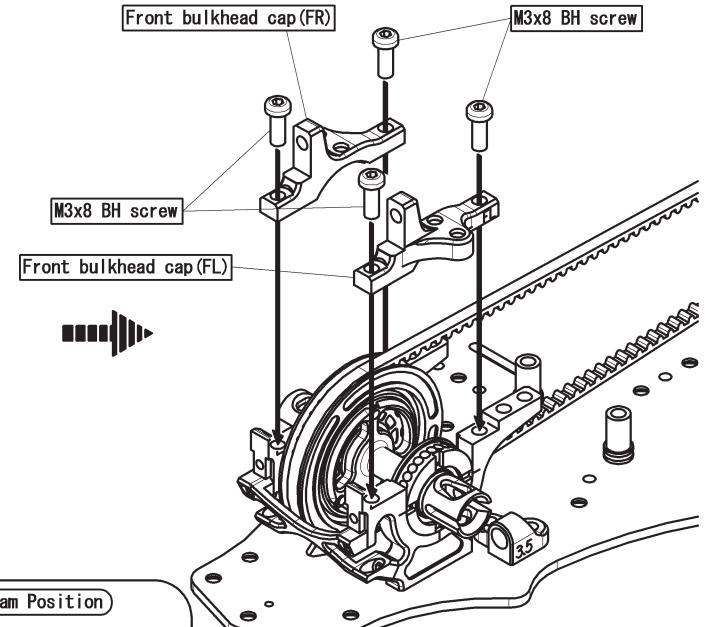
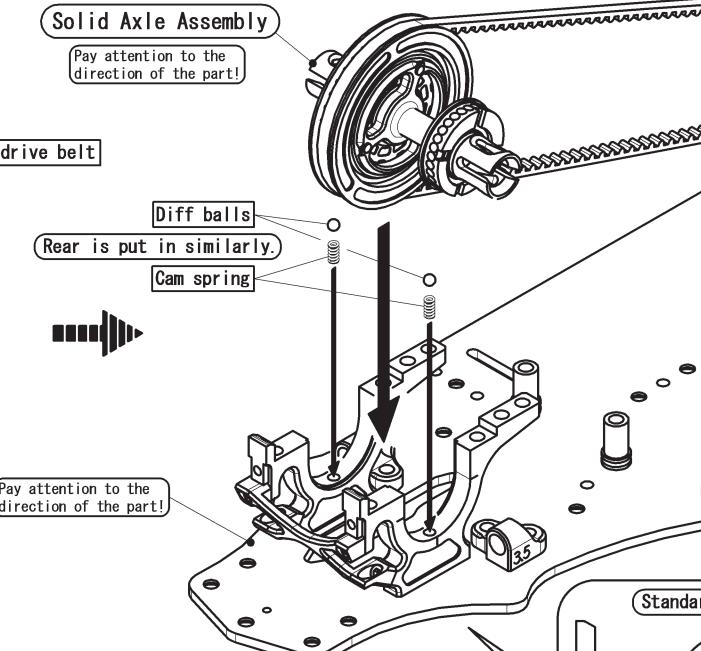
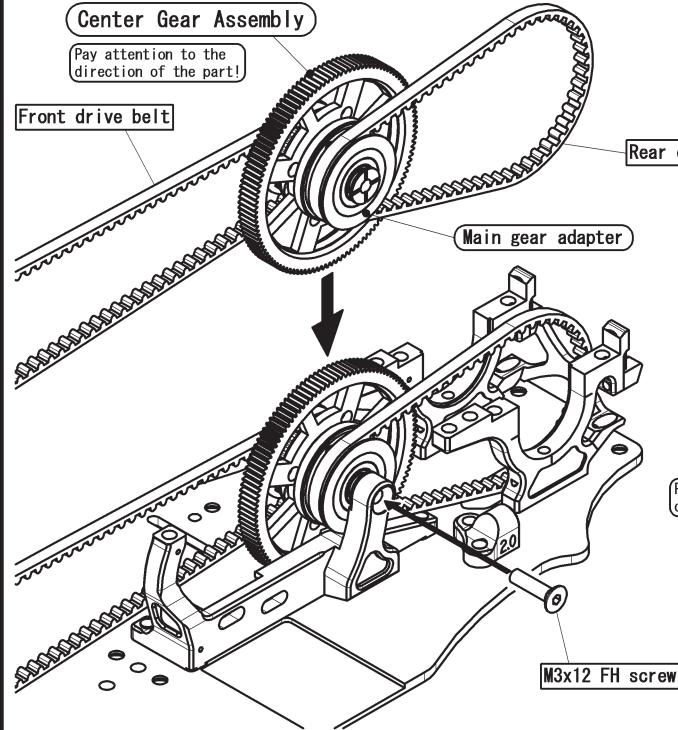
Perform when maintenance is required.



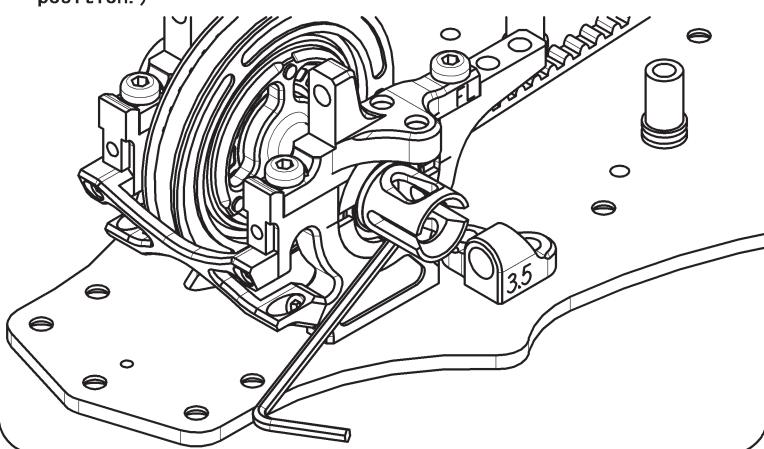
[Oil Bag]

#700 gear diff oil --x1

Important!— Grease is thinly put up and it assembles it again when resolving it.



To adjust belt tension, slightly loosen the bulkhead cap screws, and reposition the cams as shown in the illustration. (Make sure that the left and right cams are adjusted to the same position.)



[Bag-6 Contents]

--x2 3x6mm button head screw

--x2 3x8mm button head screw

--x1 Ball stud(SS)

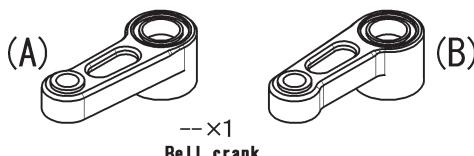
--x2 Ball stud

--x1 16mm turnbuckle

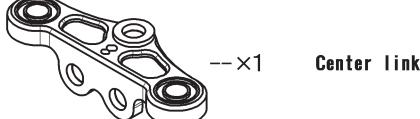
--x2 39mm turnbuckle

--x4 Plastic ball cup

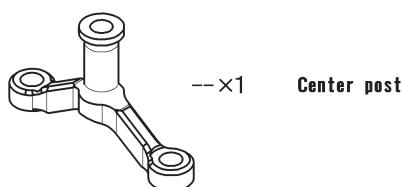
--x2 Plastic open ball cap



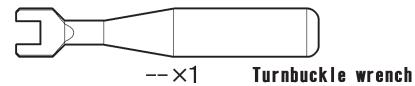
--x1 Bell crank



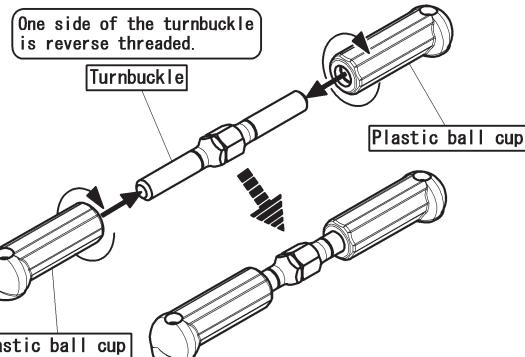
--x1 Center link



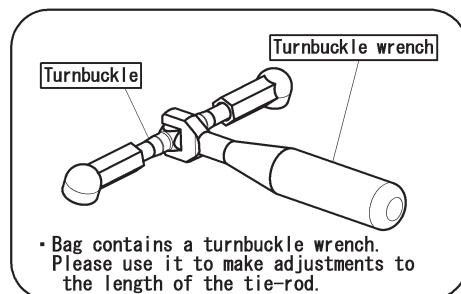
--x1 Center post



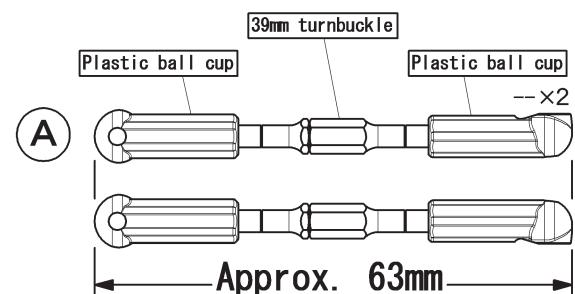
--x1 Turnbuckle wrench



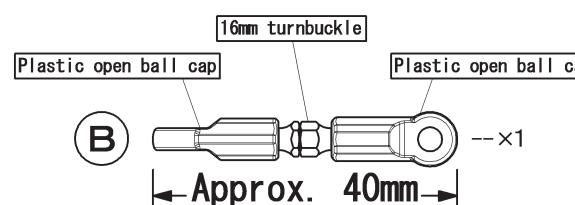
Assemble the tie-rod by attaching a plastic ball cup to both ends of the turnbuckle.



Bag contains a turnbuckle wrench.
Please use it to make adjustments to the length of the tie-rod.

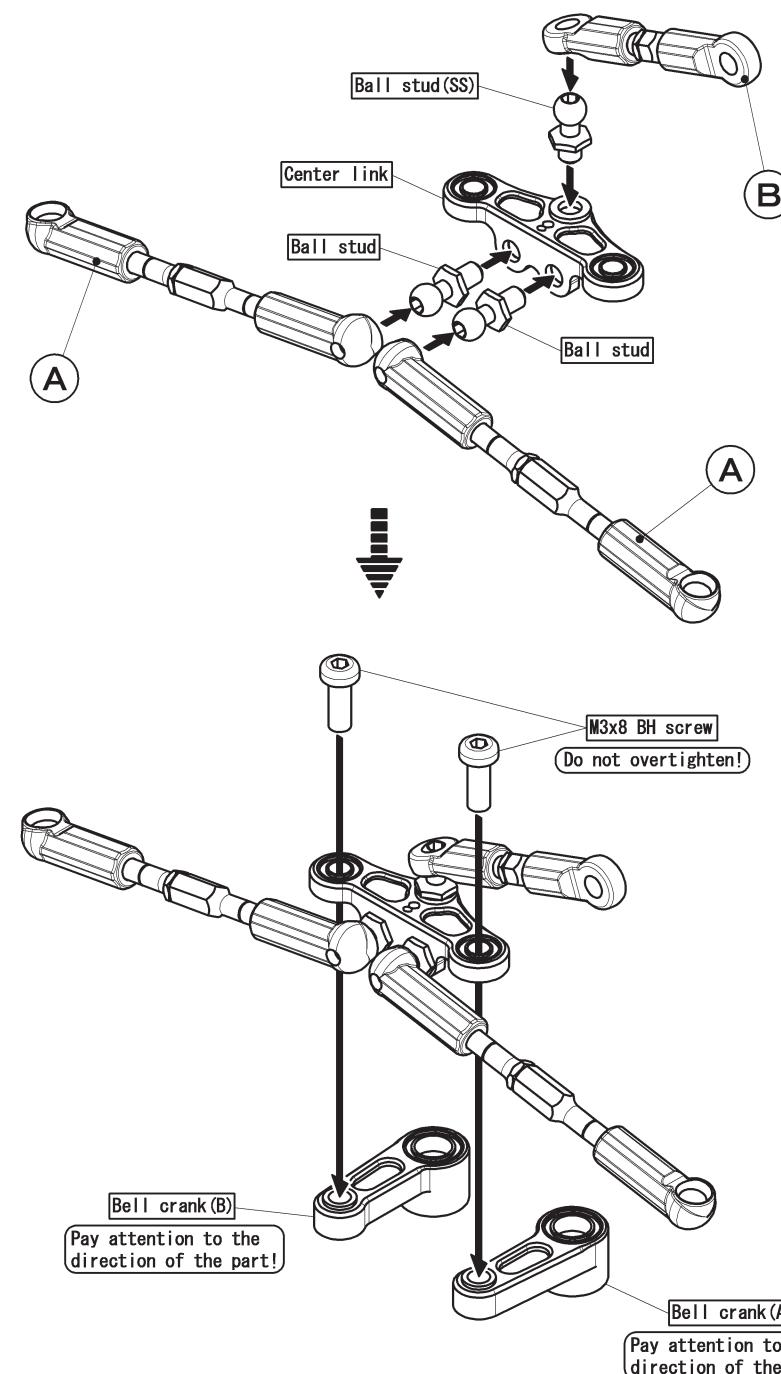


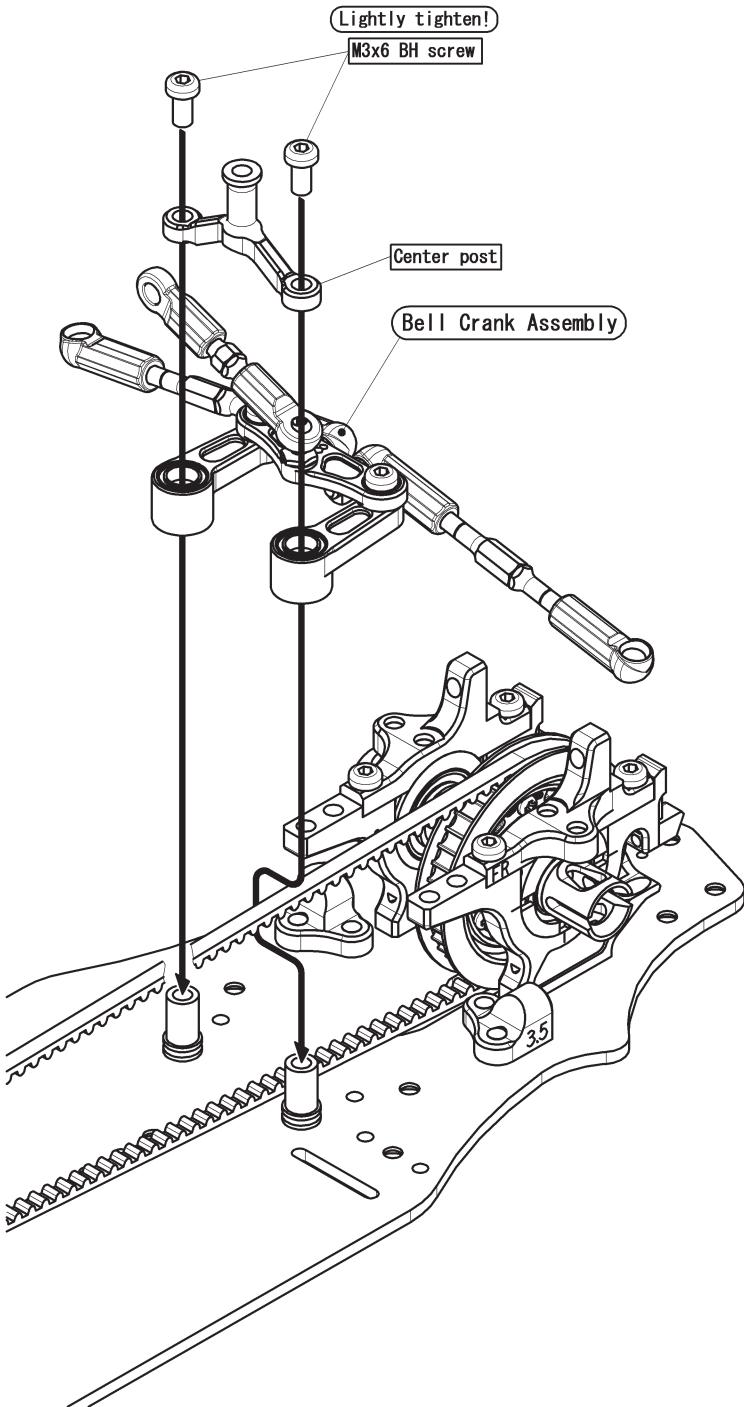
Approx. 63mm



Approx. 40mm

Length tuning is required by the servo to be used.



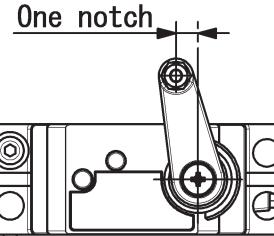


[Bag-7 Contents]

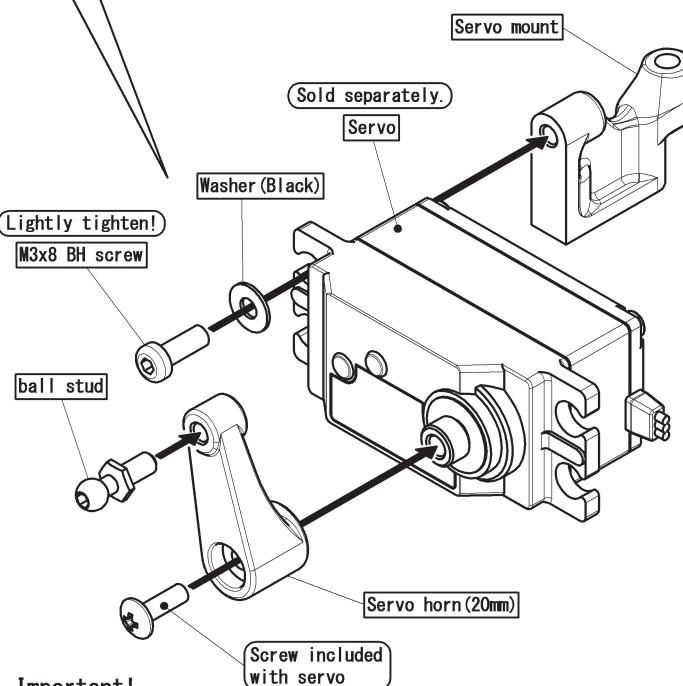
3x5mm flat head screw	--x1
3x6mm flat head screw	--x1
3x8mm flat head screw	--x2
3x6mm button head screw	--x10
3x8mm button head screw	--x1
3x10mm button head screw (w/threadlock applied)	--x1
Ball stud	--x1
Washer (Black)	--x1
Front belt tensioner	--x1
Battery guide	--x1
Servo horn (3 different types included.)	
1.7 mm	
F	
S/K	
2.0 mm	
3x10mm tapping screw (Small head)	--x1
2.6x10mm tapping screw	--x1
3x10mm screw	--x1
Upper deck	--x1
Also included: Double-sided tape x1	
3x6mm bearing	--x2



Mark	Manufacturer
F	Futaba
H	Hitec
S/K	Sanwa, K0, JR

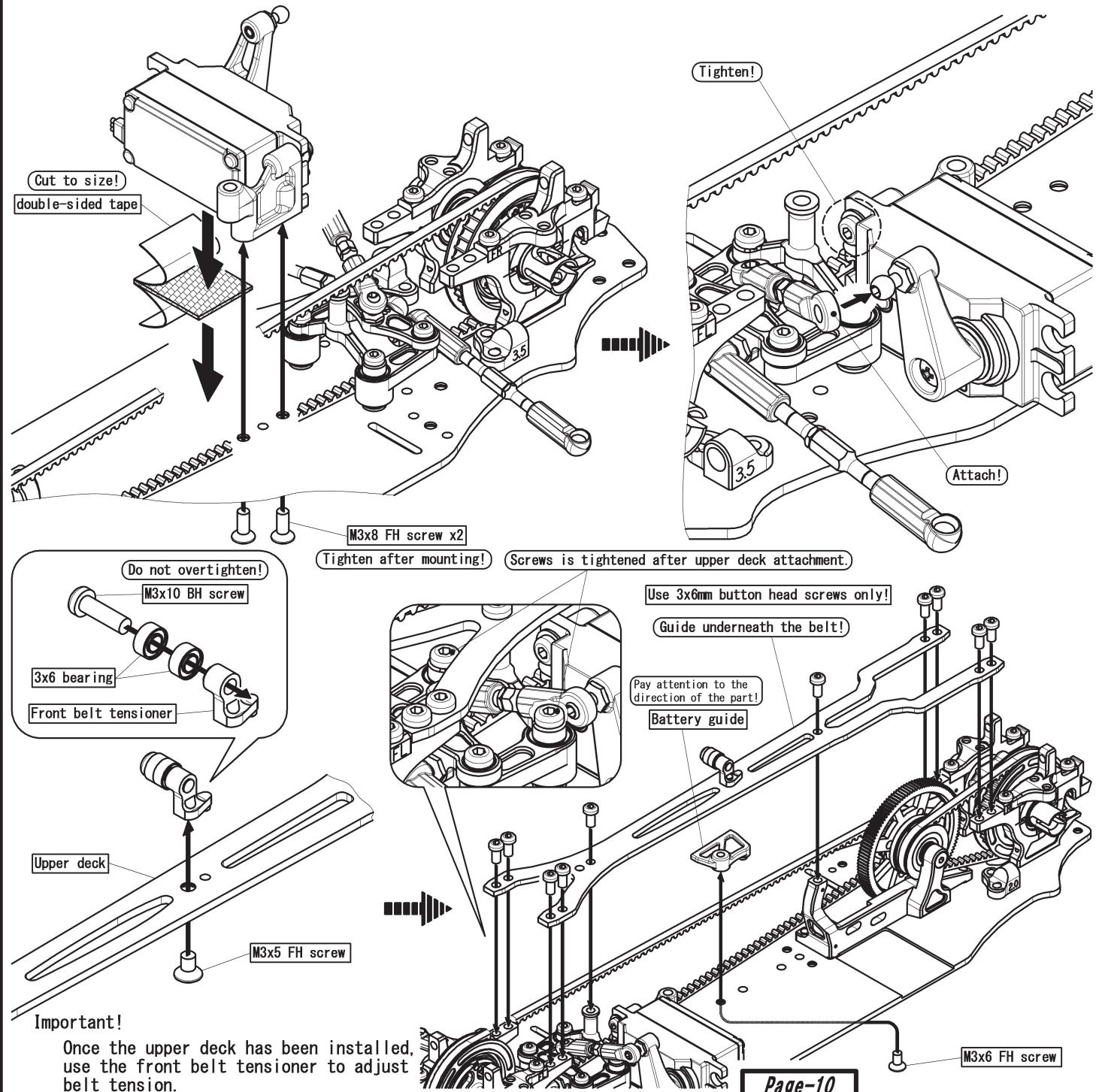


The included servo horns are marked with a letter designating servo compatibility. Select the servo horn matching the servo being used. As shown in the illustration, center the servo, and attach the servo horn, offset by one notch.

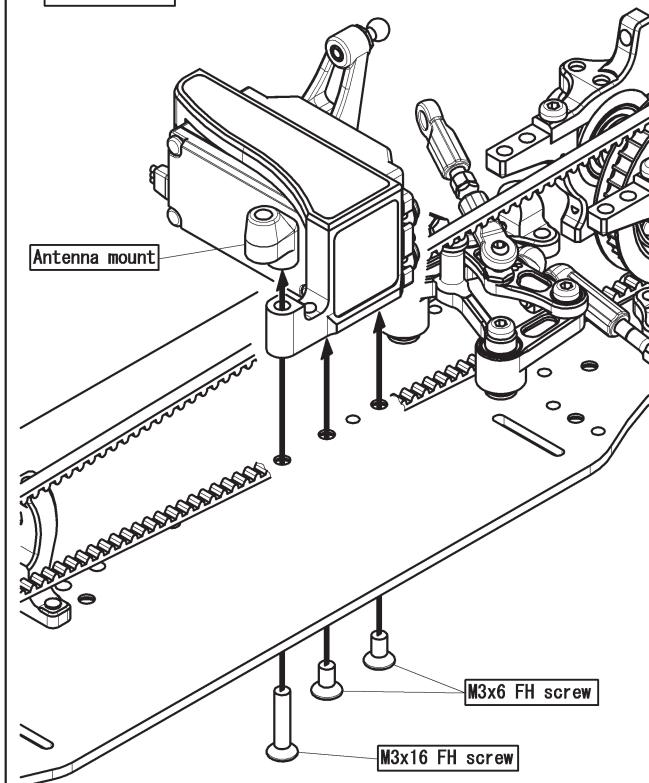
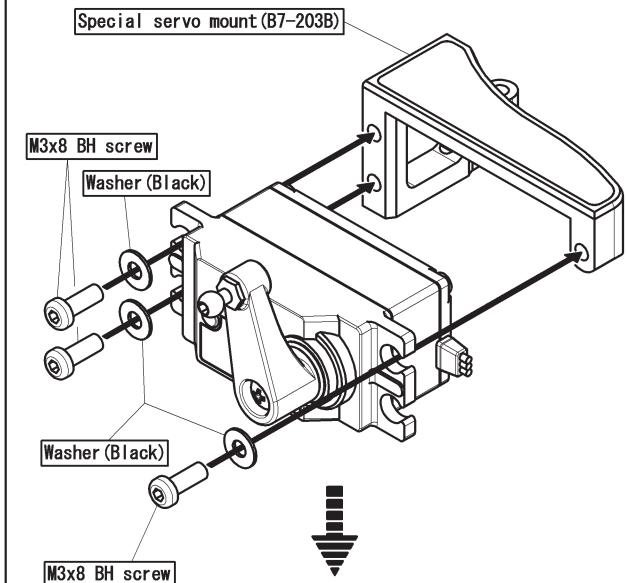


Important!

- ① Attach the servo horn to the servo using the same (or similar) screw included with the servo unit. (3 different screws are included in the kit: 2.6x10mm tapping screw, 3x10mm tapping screw, 3x10mm screw)
- ② Make sure that the servo is centered before attaching the servo horn lower. (Refer to your radio manual for more information.)
- ③ Kit includes 3 servo horns. Select the servo horn designated for use with the servo being used. (Using an incorrect servo horn may result in damage to the servo.)



Special Servo Mount (Sold separately.)

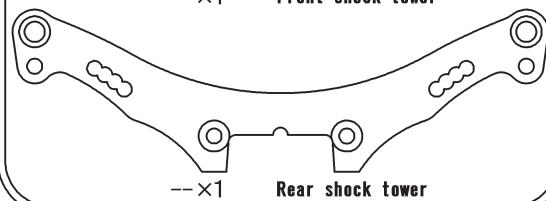


[Bag-8 Contents]

--x4 3x8mm flat head screw



--x1 Front shock tower



--x1 Rear shock tower

[Bag-9 Contents]

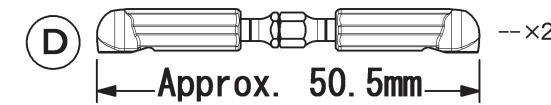
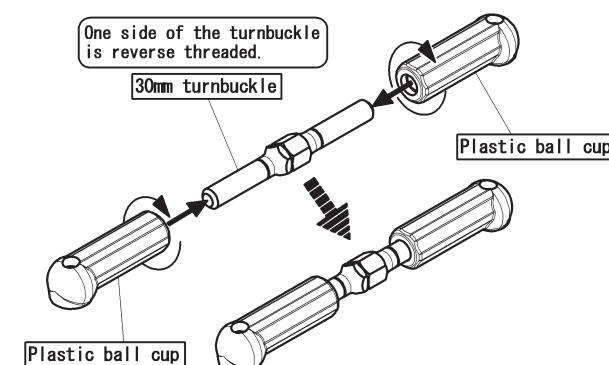
--x4 Ball stud

--x4 30mm turnbuckle

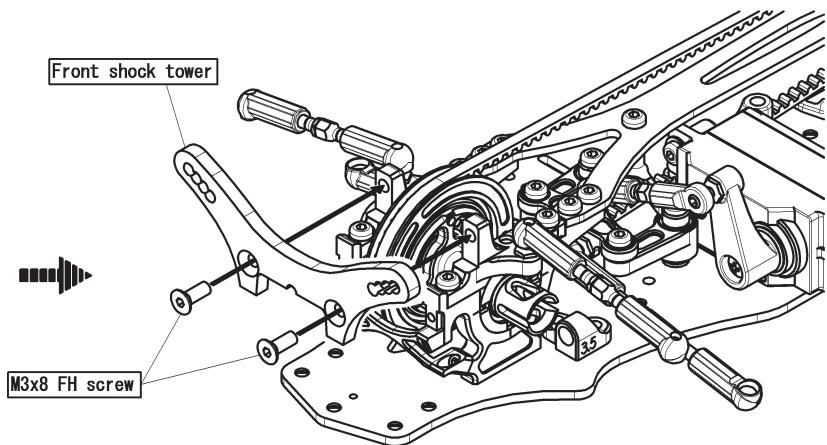
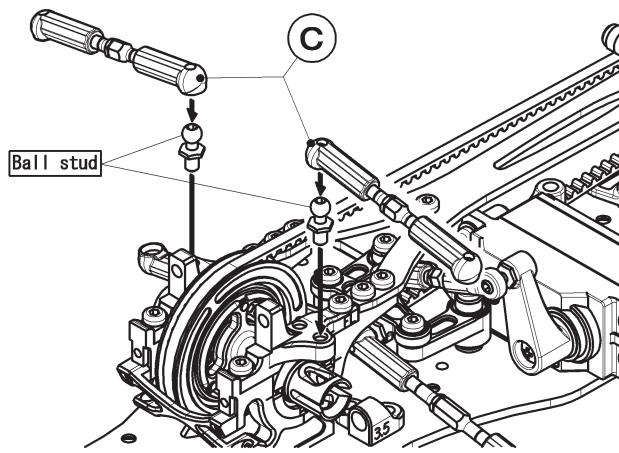
**Remaining parts from
[Bag-6 Contents]**

--x8 Plastic ball cup

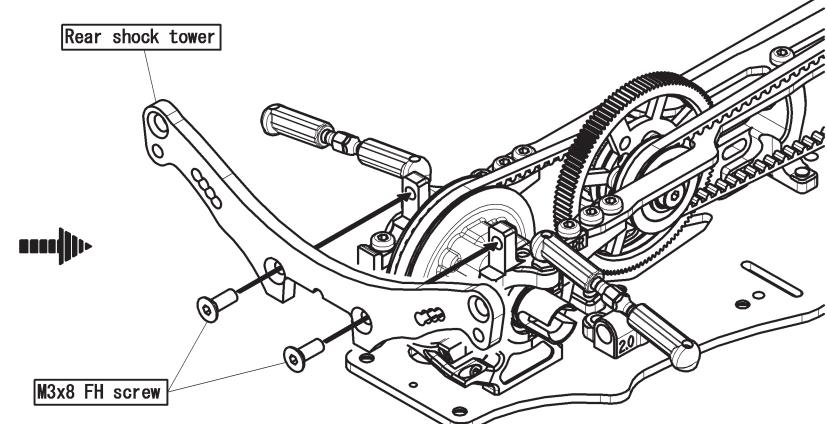
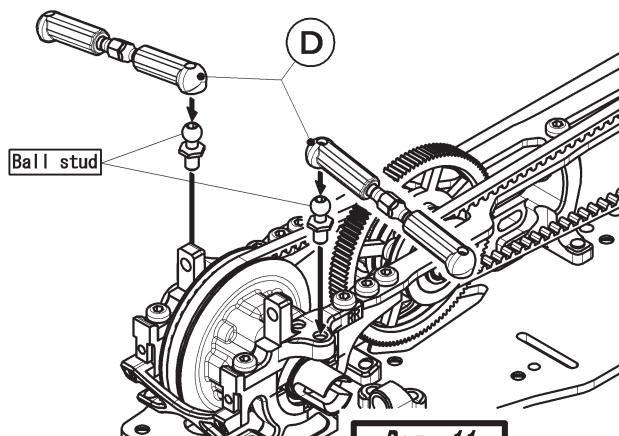
One side of the turnbuckle
is reverse threaded.



Installing on front shock tower



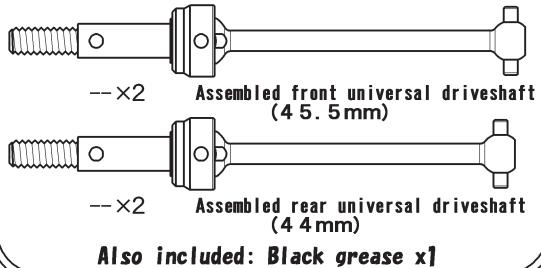
Installing on rear shock tower



Important!

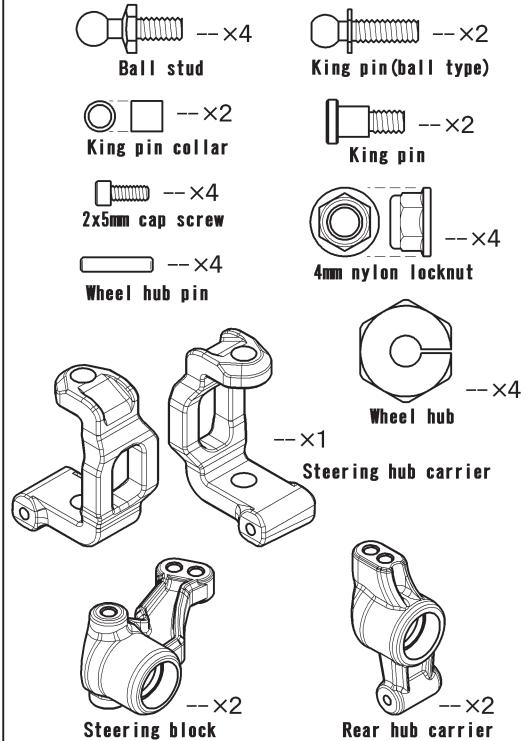
To attach an arm inside, (ZC-206SSH) is required separately.

[Bag-10 Contents]



Also included: Black grease x1

[Bag-11 Contents]

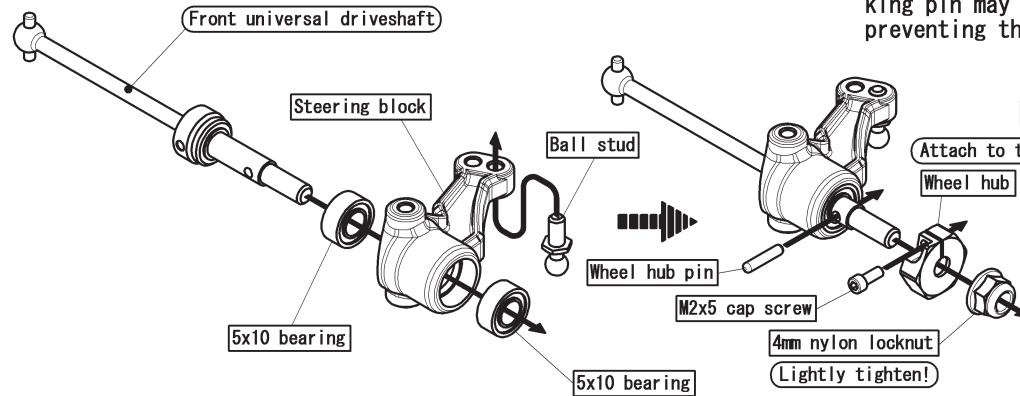


Remaining parts from [Bag-3 Contents]



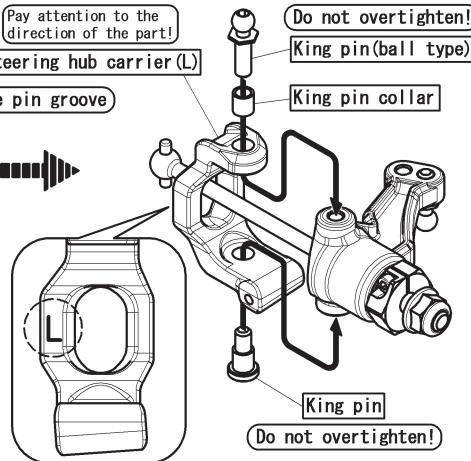
Front Hub Carrier Assembly

Assemble 2 sets.
(The steering hub carriers are different left and right.)



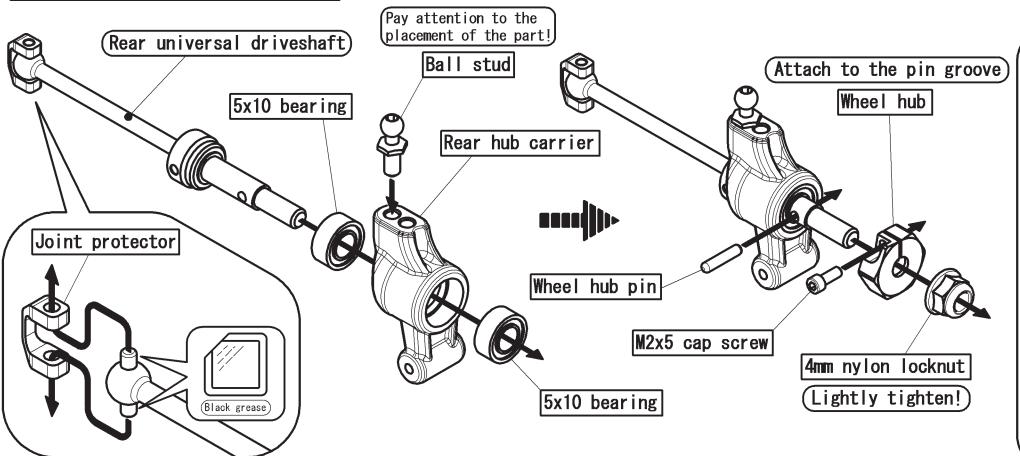
Important!

- The left and right steering hub carriers are different.
- Slowly tighten the upper king pin. Overtightening the king pin may cause the king pin collar to be squished, preventing the steering block from moving freely.

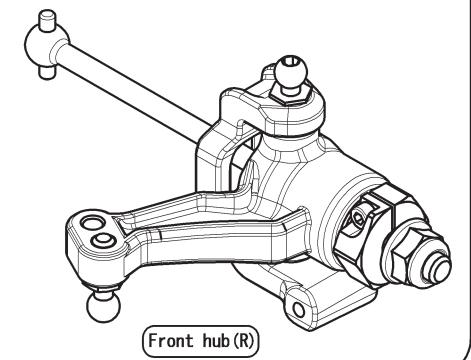


Rear Hub Carrier Assembly

Assemble 2 sets.

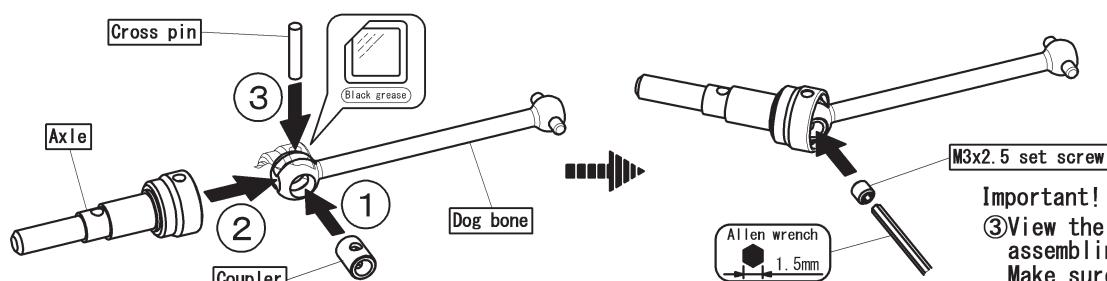


Assemble each side in the same manner.



Universal Driveshaft Assembly

Perform when maintenance is required.



	Dog bone
Front	45.5 mm
Rear	44 mm

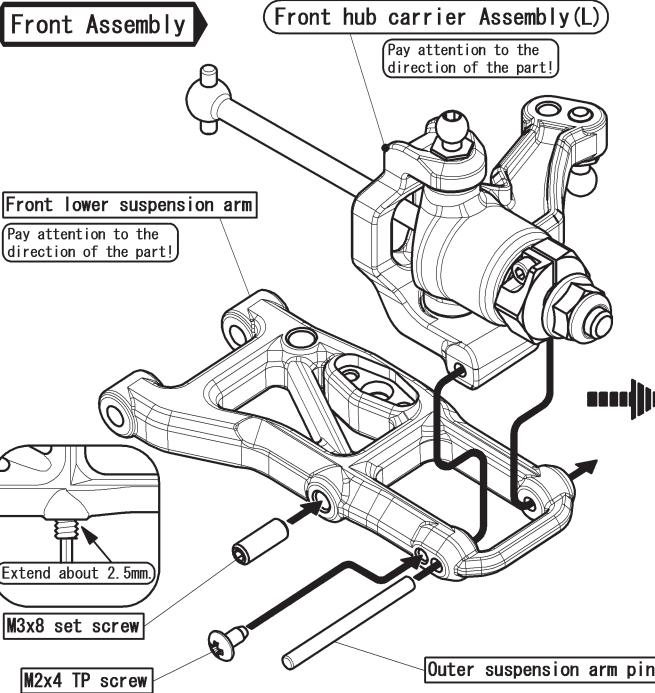
Important!

- ③View the illustration on the left when assembling the universal drive shafts. Make sure to apply black grease. Follow the directions in reverse for disassembly.

[Bag-12 Contents]

	--x4		--x4
3x6mm flat head screw		2x4mm tapping screw	
	--x4		--x4
2x5mm cap screw		4x8mm set screw	
	--x2		--x2
3x3mm set screw		3x8mm set screw	
	--x2		--x2
3x10mm set screw		Shock end ball	
	--x2		--x2
Anti-roll bar rod		Anti-roll bar ball	
	--x4		--x4
Collar (0.5mm)		Collar (2.0mm)	
	--x2		--x2
Washer (0.2mm)			
	--x8	Inner suspension arm pin ball	
	--x4	Outer suspension arm pin	
	--x2	Inner suspension arm pin (S)	
	--x2	Inner suspension arm pin (L)	
	--x1	Front suspension mount (F)	
	--x1	Rear suspension mount (R)	
	--x2	Anti-roll bar open rod end	
	--x2	Anti-roll bar ball cap (Included with the suspension arms.)	
	--x2	Front lower suspension arm	
	--x2	Rear lower suspension arm	

Front Assembly



Front hub carrier Assembly (L)

Lightly tighten!

M3x3 set screw

Anti-roll bar open rod end

Anti-roll bar ball

Anti-roll bar ball cap

Anti-roll bar rod

24.7mm

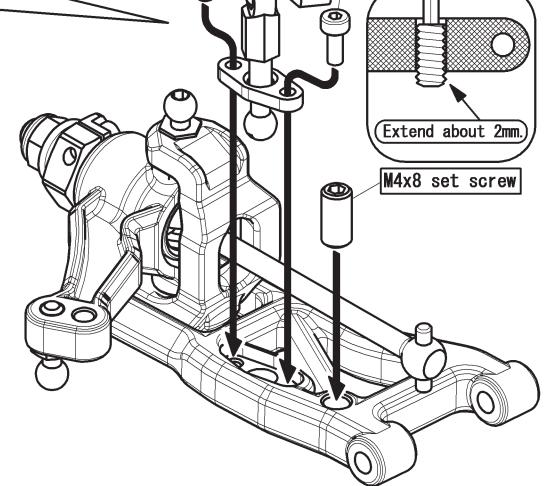
Rounded edge toward the ball!

Do not overtighten!

M2x5 cap screw

Extend about 2mm.

M4x8 set screw

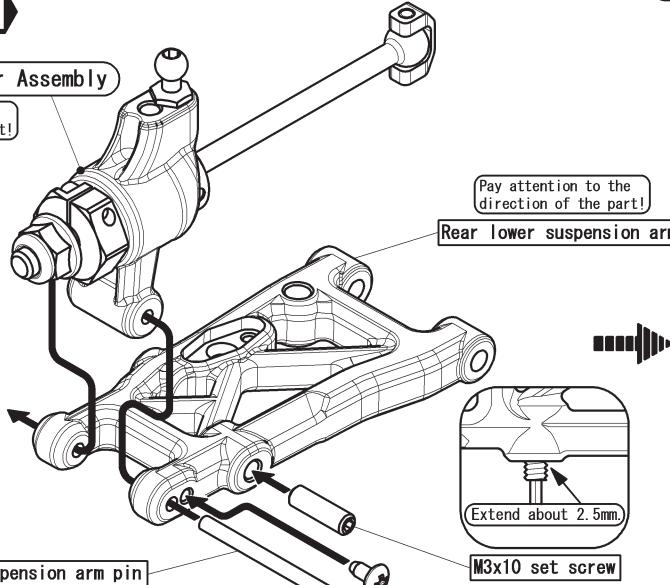


【 Assemble each side in the same manner. 】

Rear Assembly

Rear hub carrier Assembly

Pay attention to the direction of the part!



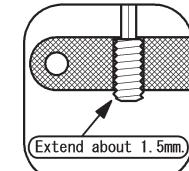
Pay attention to the direction of the part!

Rear lower suspension arm

Outer suspension arm pin

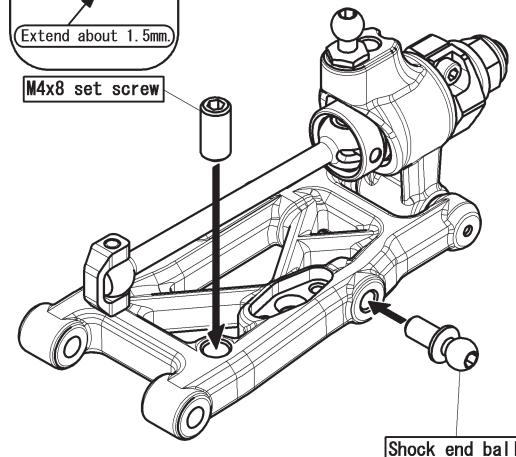
M3x10 set screw

M2x4 TP screw

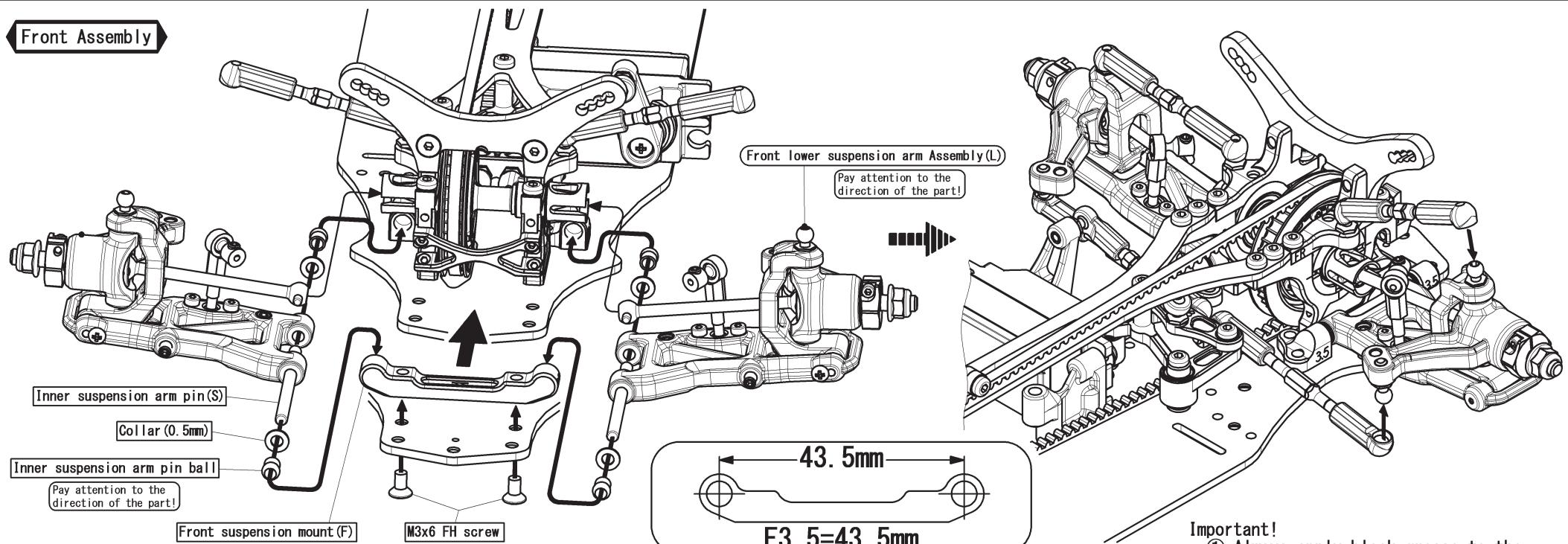


M4x8 set screw

Extend about 1.5mm.



Front Assembly



43.5mm

$F3.5=43.5\text{mm}$

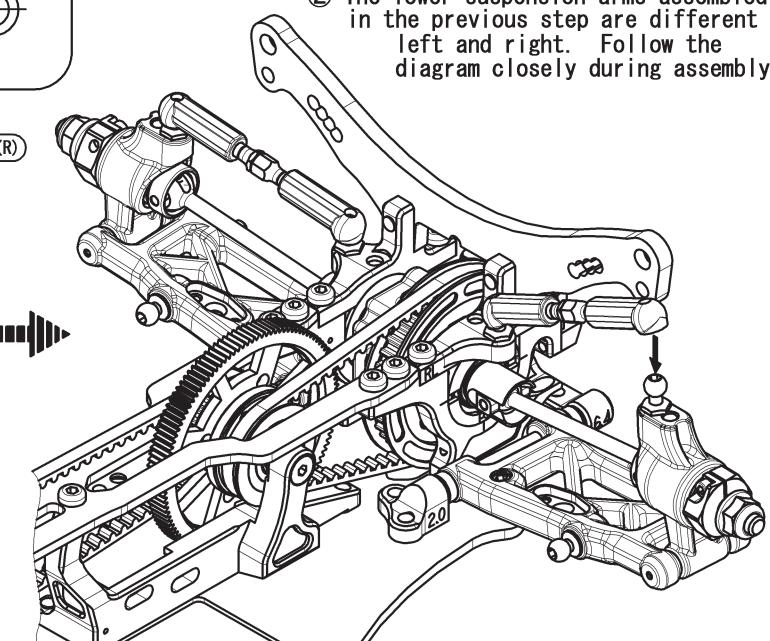
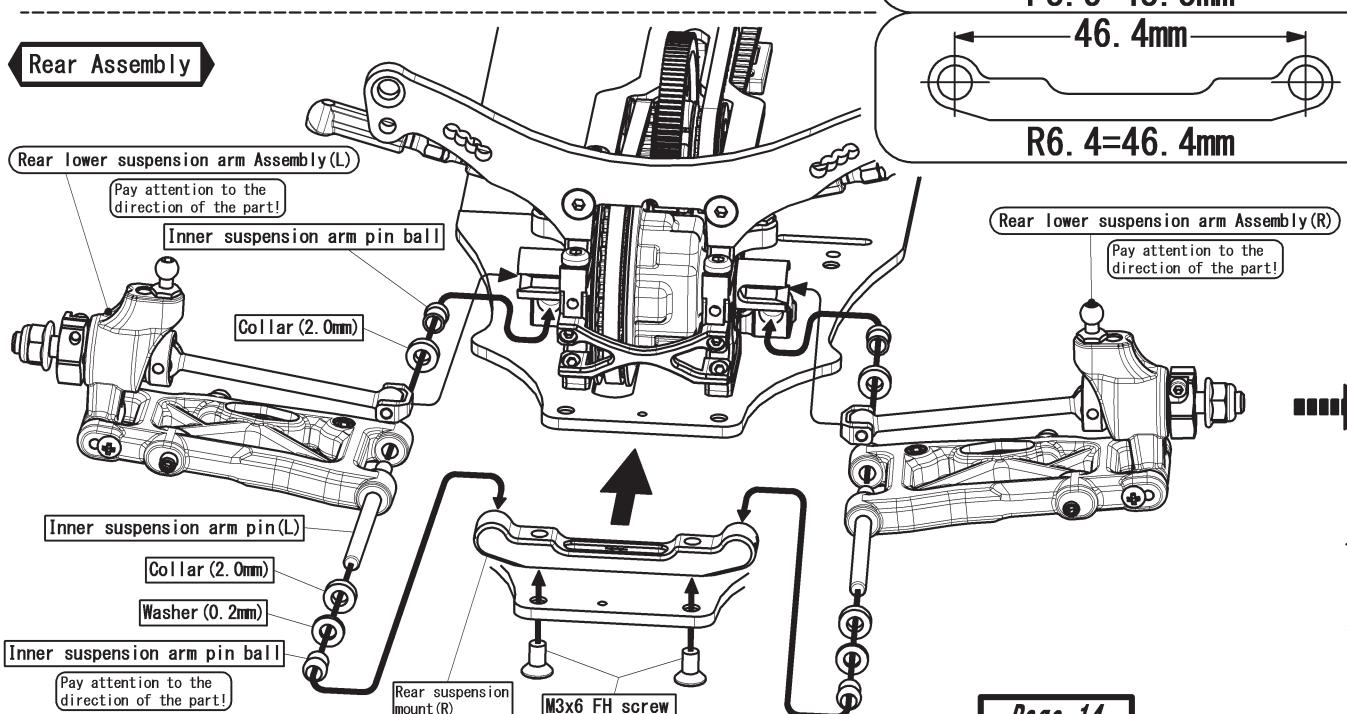
46.4mm

$R6.4=46.4\text{mm}$

Important!

- ① Always apply black grease to the universal driveshaft pins.
- ② The lower suspension arms assembled in the previous step are different left and right. Follow the diagram closely during assembly.

Rear Assembly



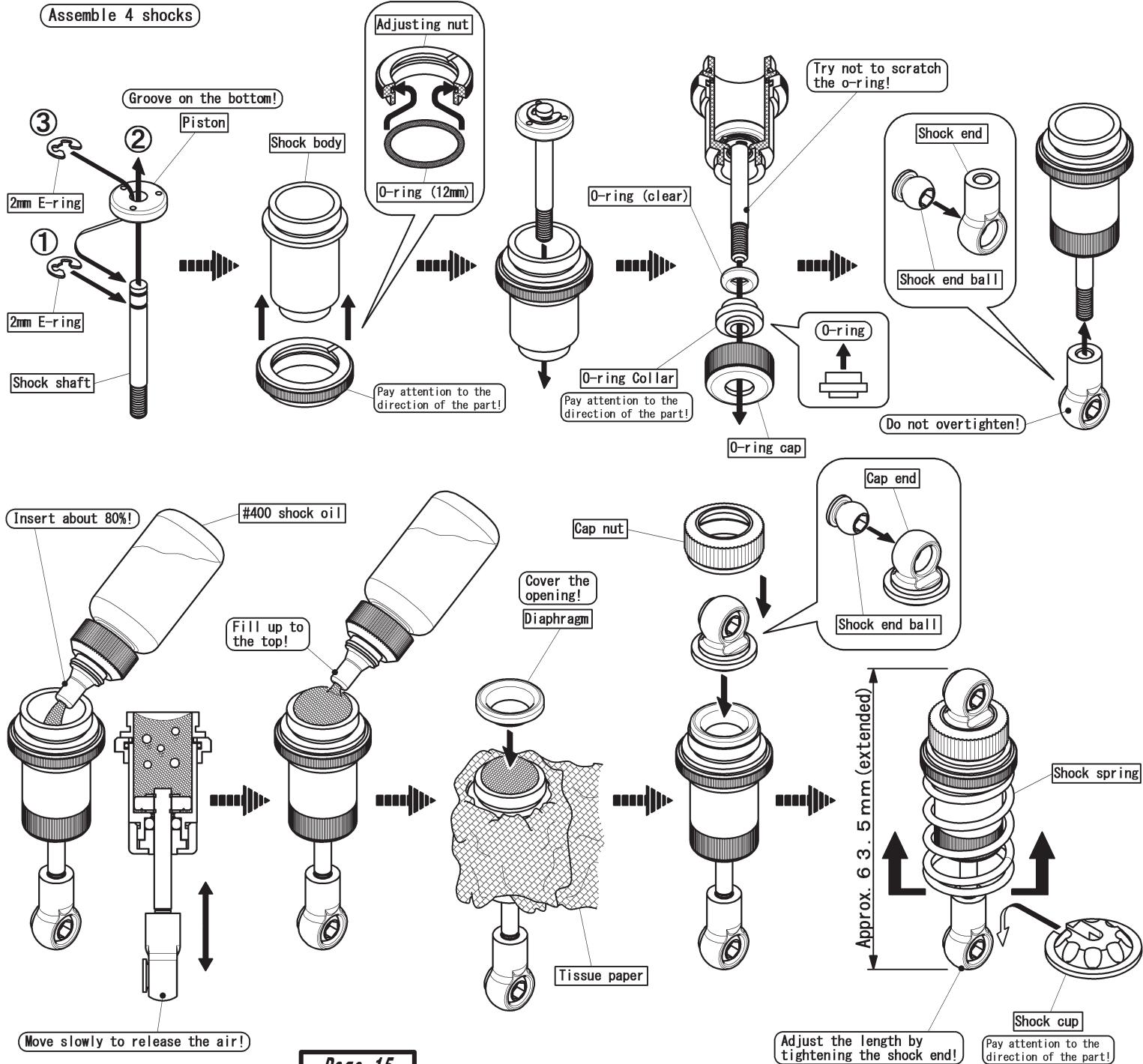
[Bag-13 Contents]

	--x4	3x6mm button head screw
	--x4	2mm E-ring
Piston		
	--x4	O-ring (clear)
	--x4	Cap end
	--x4	Cap nut
	--x4	O-ring cap
	--x4	Spring cup
	--x8	Shock end ball
	--x4	O-ring (12mm diameter)
	--x4	Adjusting nut
	--x4	Diaphragm
	--x4	Shock shaft
	--x4	Shock body
	--x2	Shock spring(pink)
	--x2	Shock spring(blue)
Also included: Allen wrench (3.0mm) x1		

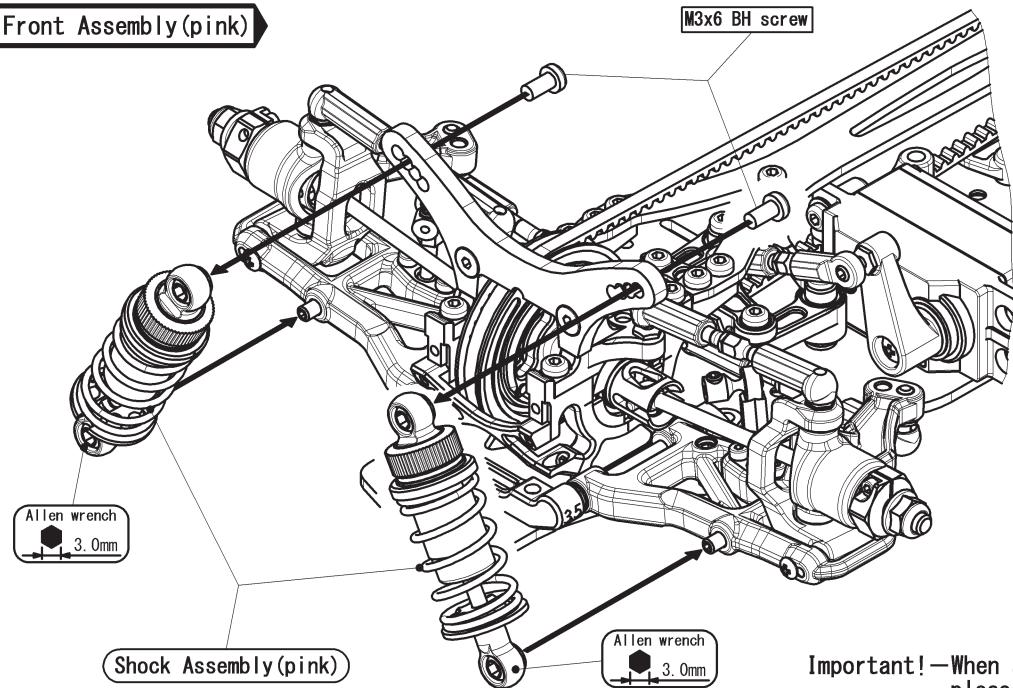
[Oil Bag]

#400 shock oil --x1

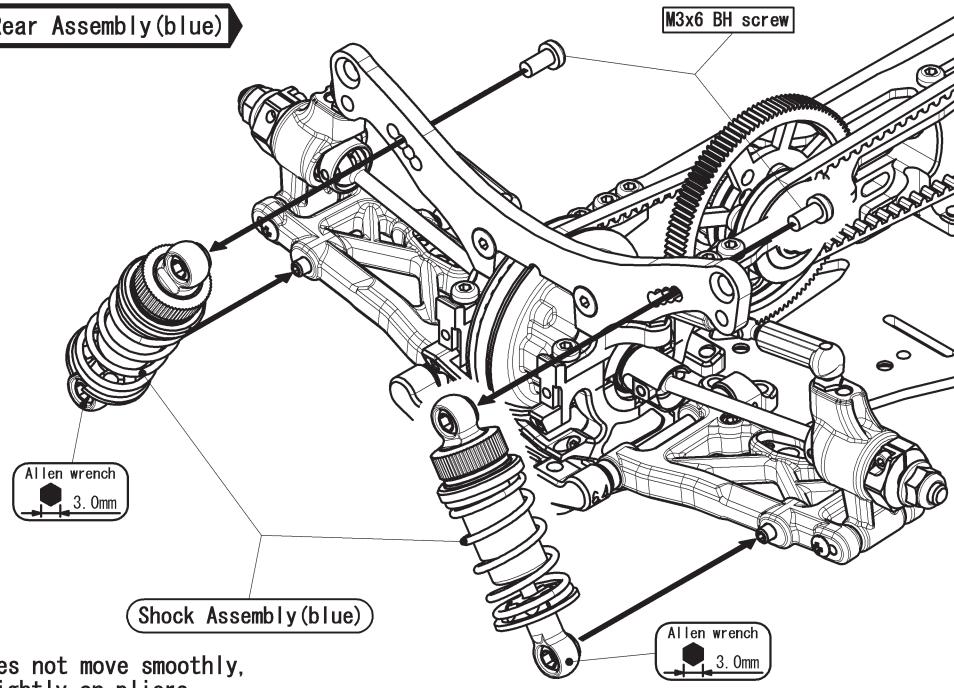
[Assemble 4 shocks]



Front Assembly (pink)



Rear Assembly (blue)



Important!—When a ball does not move smoothly,
please crush lightly on pliers.

[Bag-14 Contents]

[FRONT ANTI-ROLL BAR PARTS]

--x2 2x5mm cap screw

--x3 3x3mm set screw

--x1 Stopper

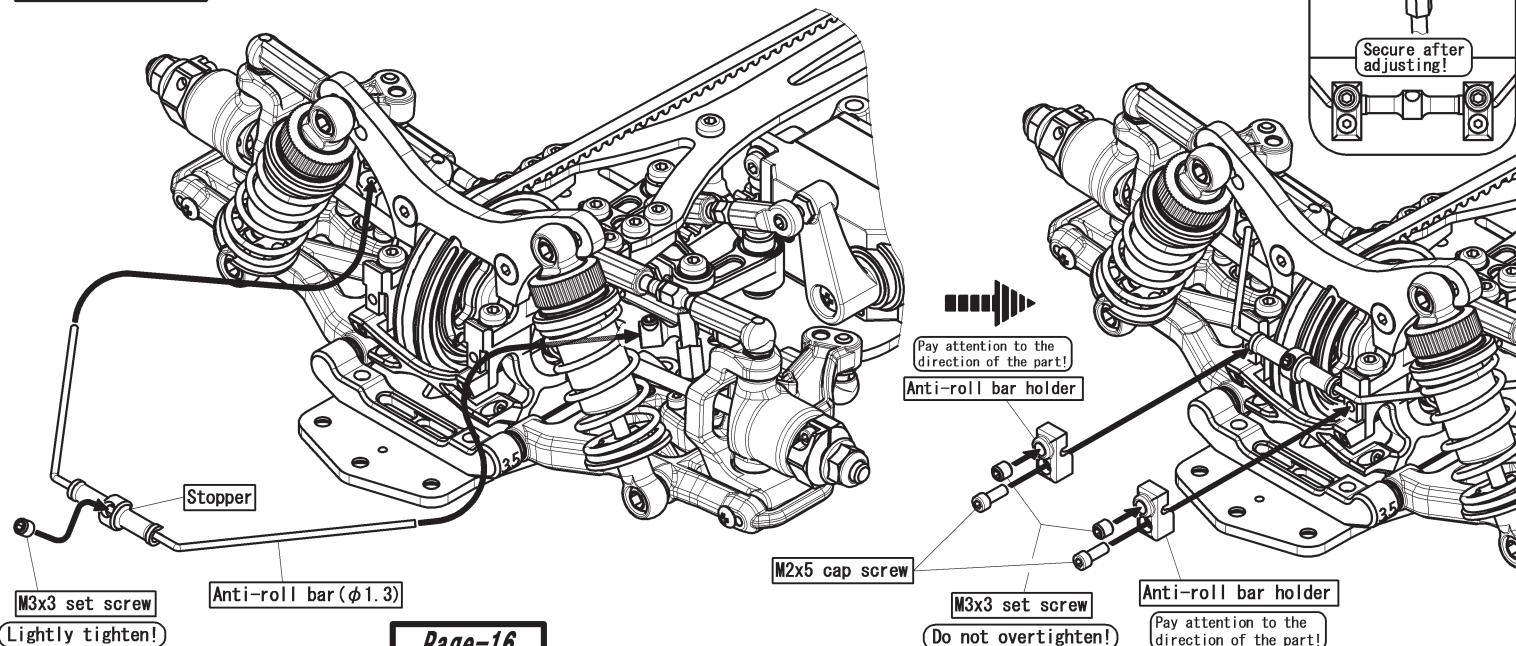
--x2 Anti-roll bar holder

Thickness markings

--x1 Anti-roll bar ($\phi 1.3$) front

$\phi 1.3$ (Standard)

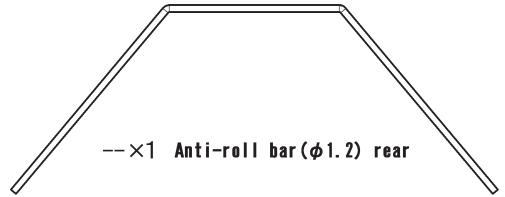
Front Assembly



[Bag-14 Contents]

[REAR ANTI-ROLL BAR PARTS]

 --x2	2x5mm cap screw
 --x1	Stopper
 --x5	3x3mm set screw
 --x2	Anti-roll bar ball
 --x2	Anti-roll bar holder
 --x2	16mm turnbuckle
 --x2	Anti-roll bar rod end
 --x2	Anti-roll bar open rod end

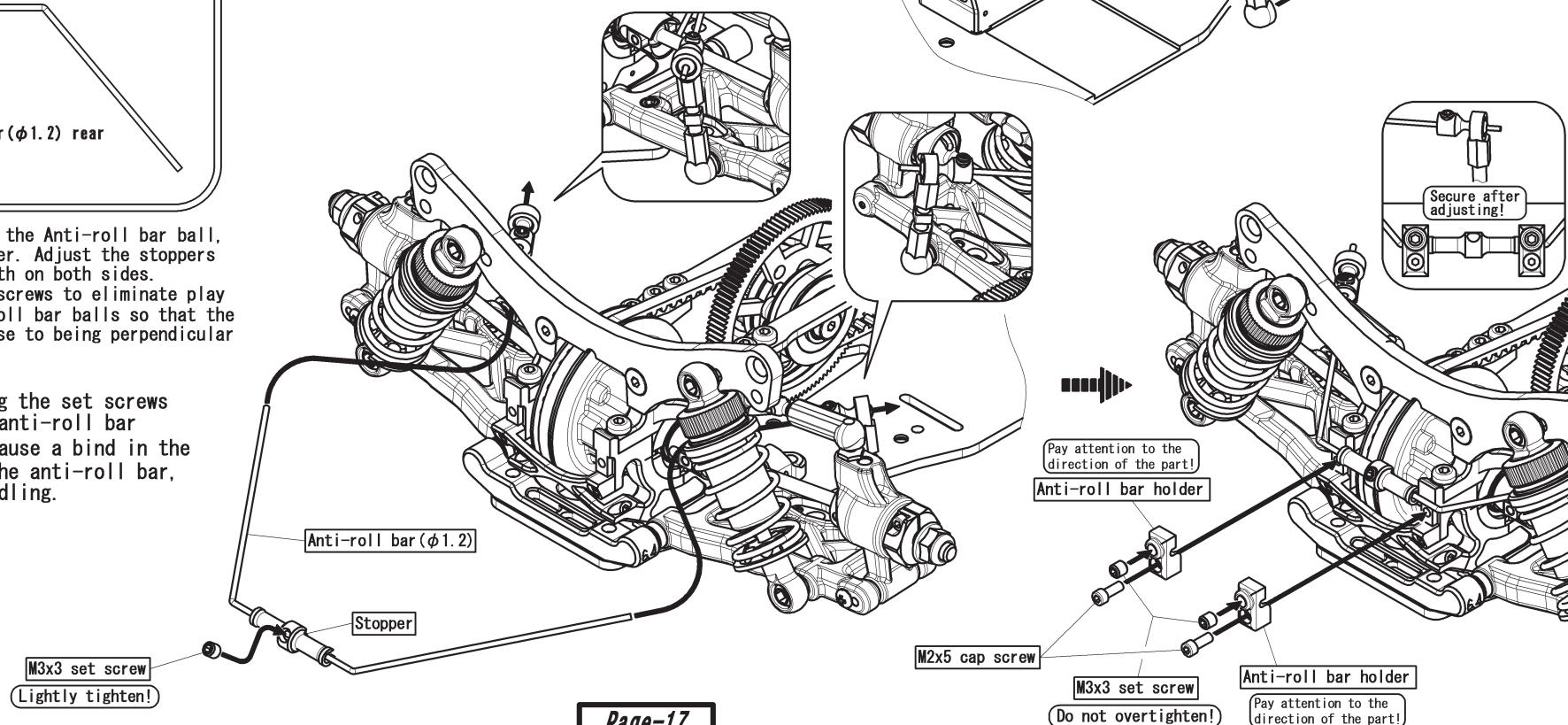
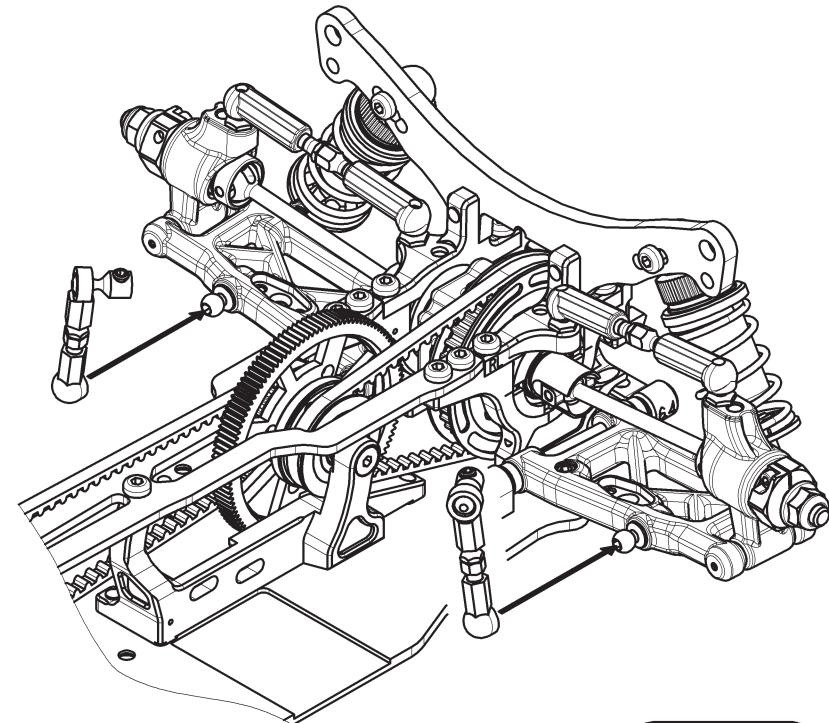
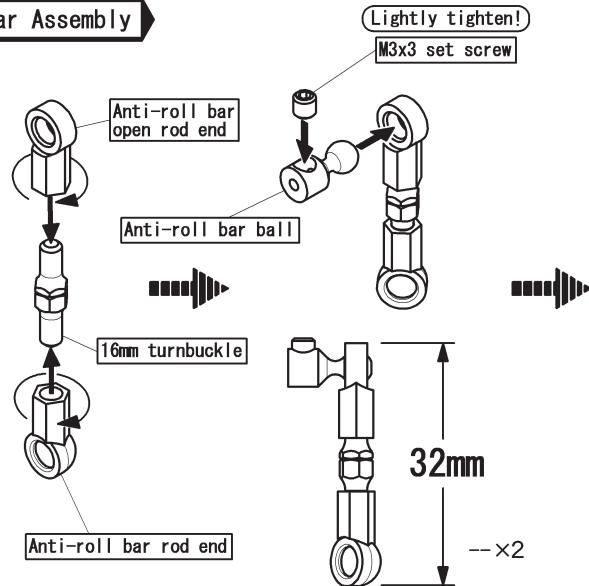


Insert the Anti-roll bar into the Anti-roll bar ball, secure the Anti-roll bar holder. Adjust the stoppers so that the bar is equal length on both sides.

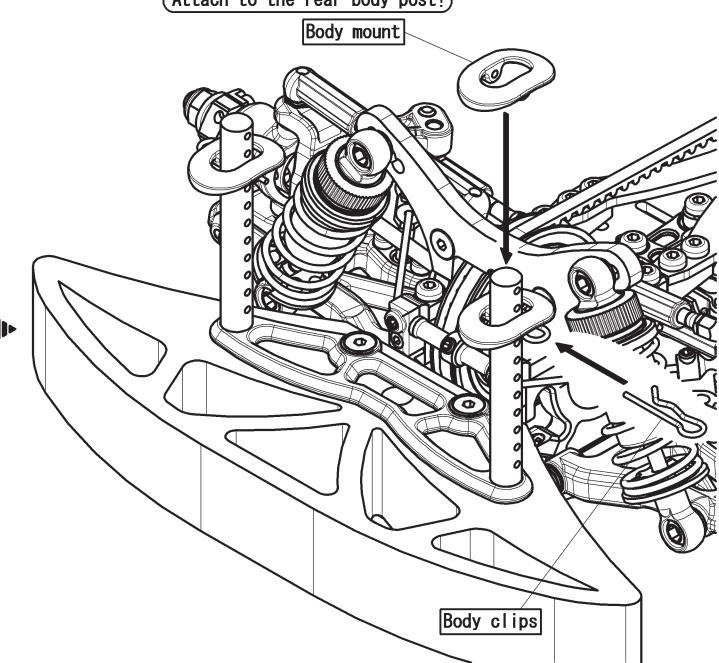
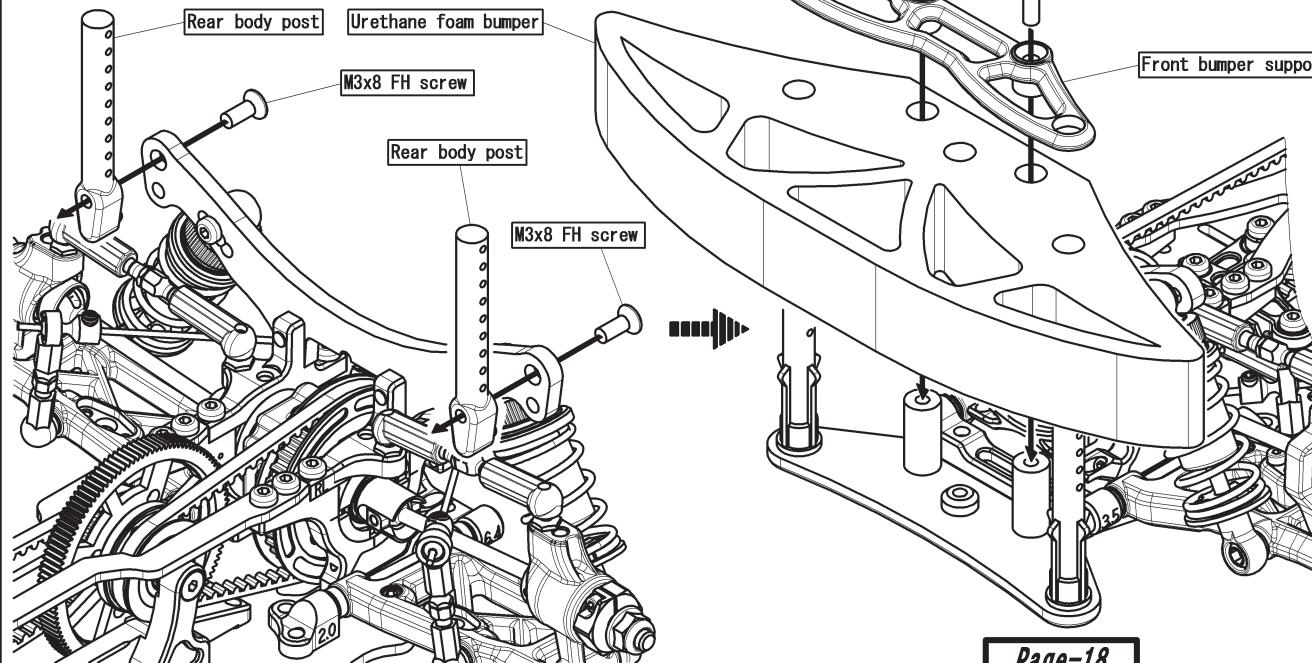
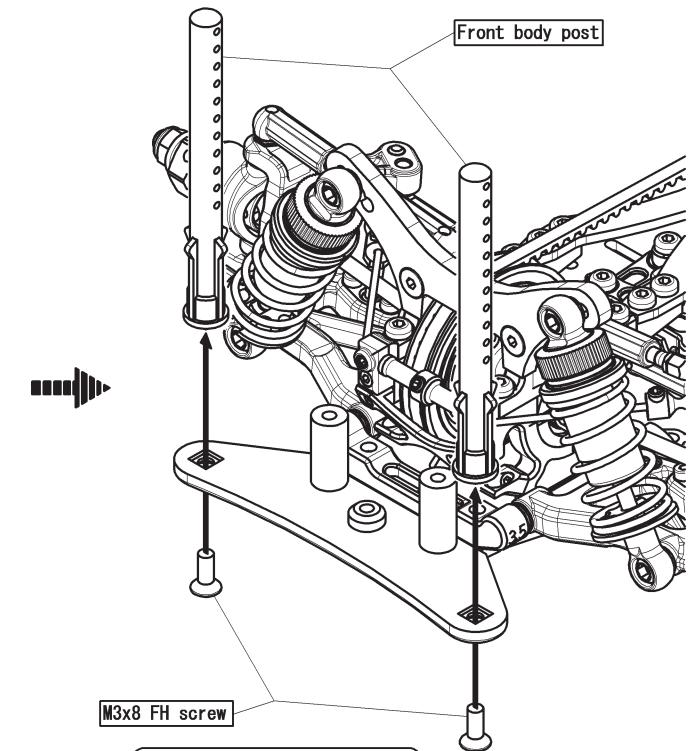
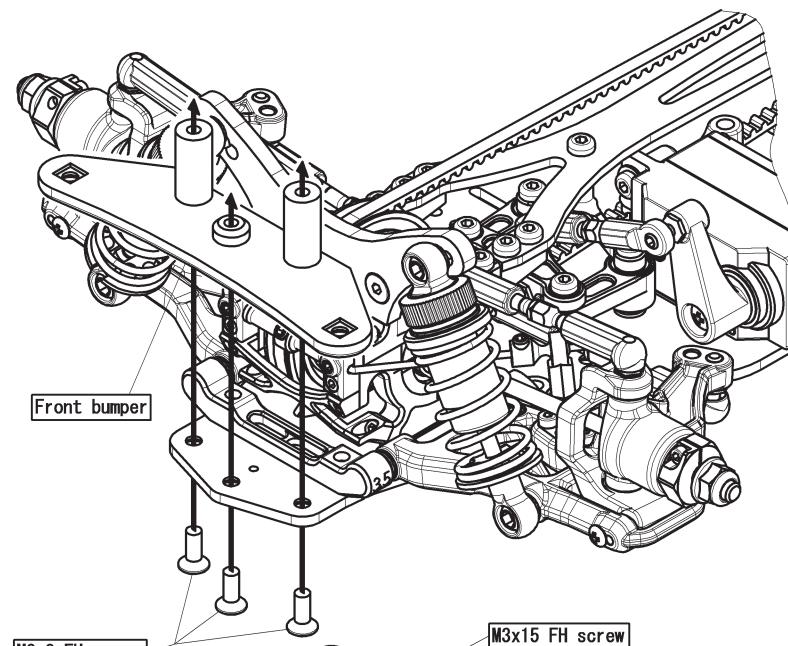
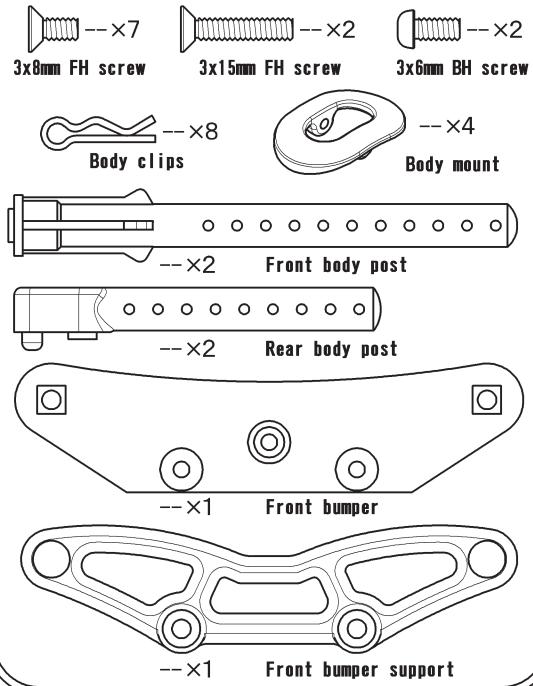
Tighten the 3x3mm holder set screws to eliminate play in the bar. Adjust the Anti-roll bar balls so that the Anti-roll bar rods are as close to being perpendicular to the bar as possible.

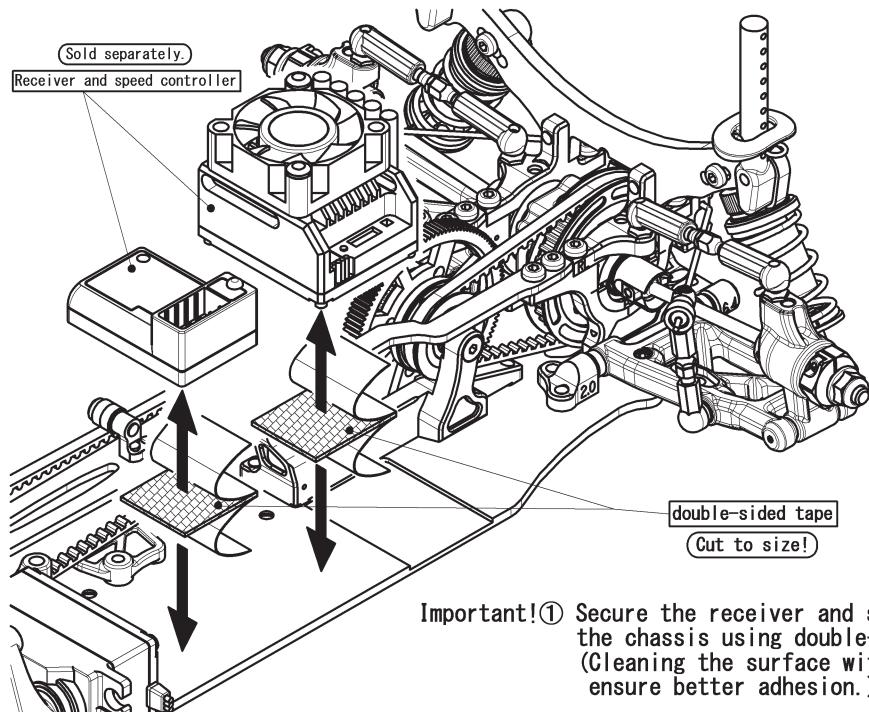
Important!—Overtightening the set screws used for the anti-roll bar holders may cause a bind in the movement of the anti-roll bar, affecting handling.

Rear Assembly



[Bag-15 Contents]



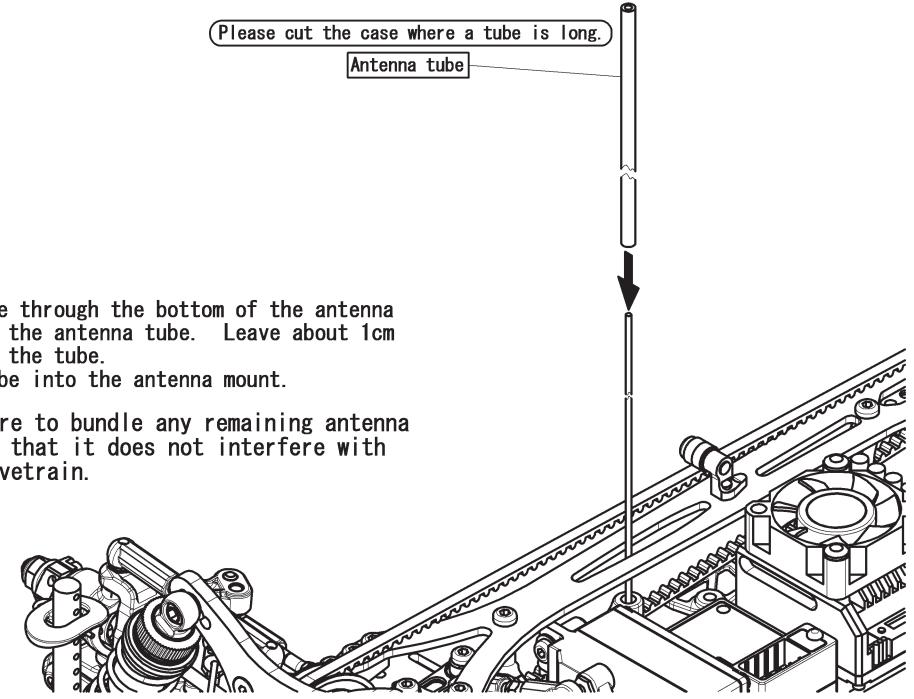


Important!① Secure the receiver and speed controller to the chassis using double-sided tape.
(Cleaning the surface with motor spray will ensure better adhesion.)

Please cut the case where a tube is long.
Antenna tube

Slide the antenna wire through the bottom of the antenna mount and insert into the antenna tube. Leave about 1cm of wire at the top of the tube.
Insert the antenna tube into the antenna mount.

Important!② Make sure to bundle any remaining antenna wire so that it does not interfere with the drivetrain.

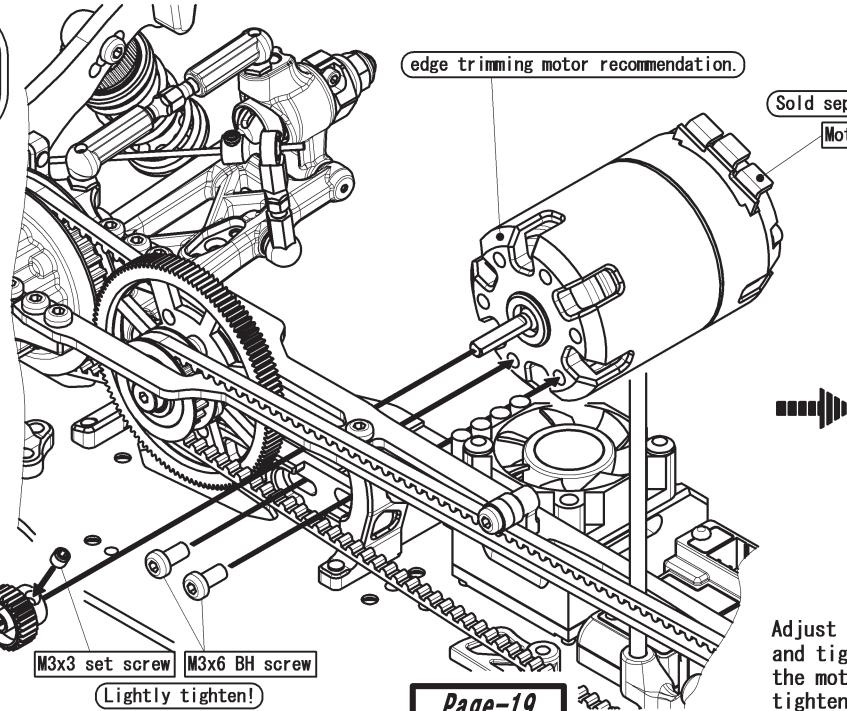


Remaining parts from [Bag-15 Contents]

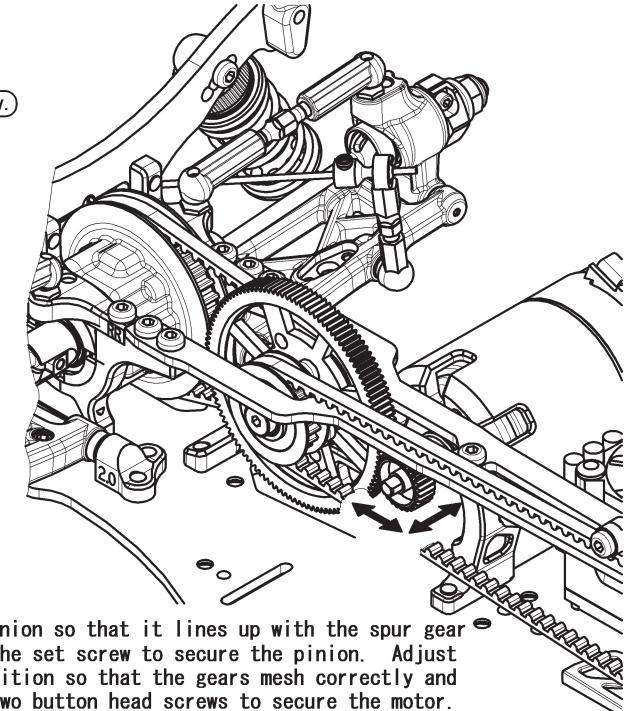
---x2 3x6mm button head screw

Important!

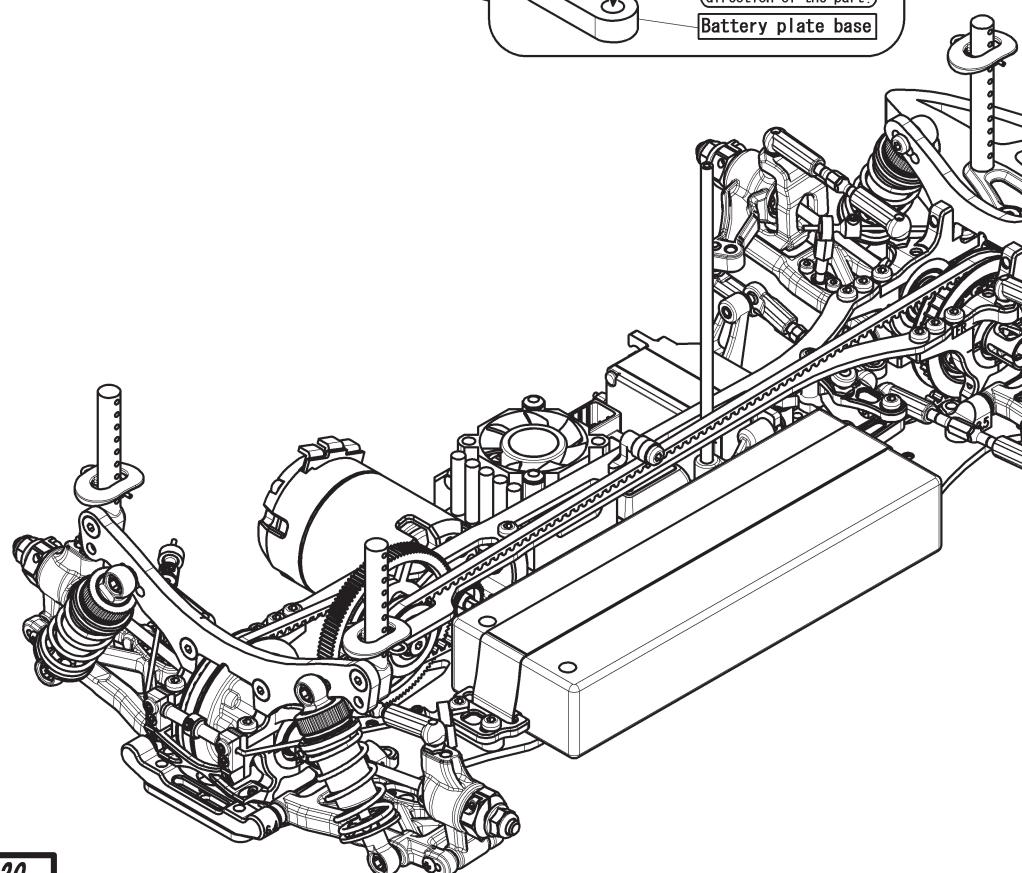
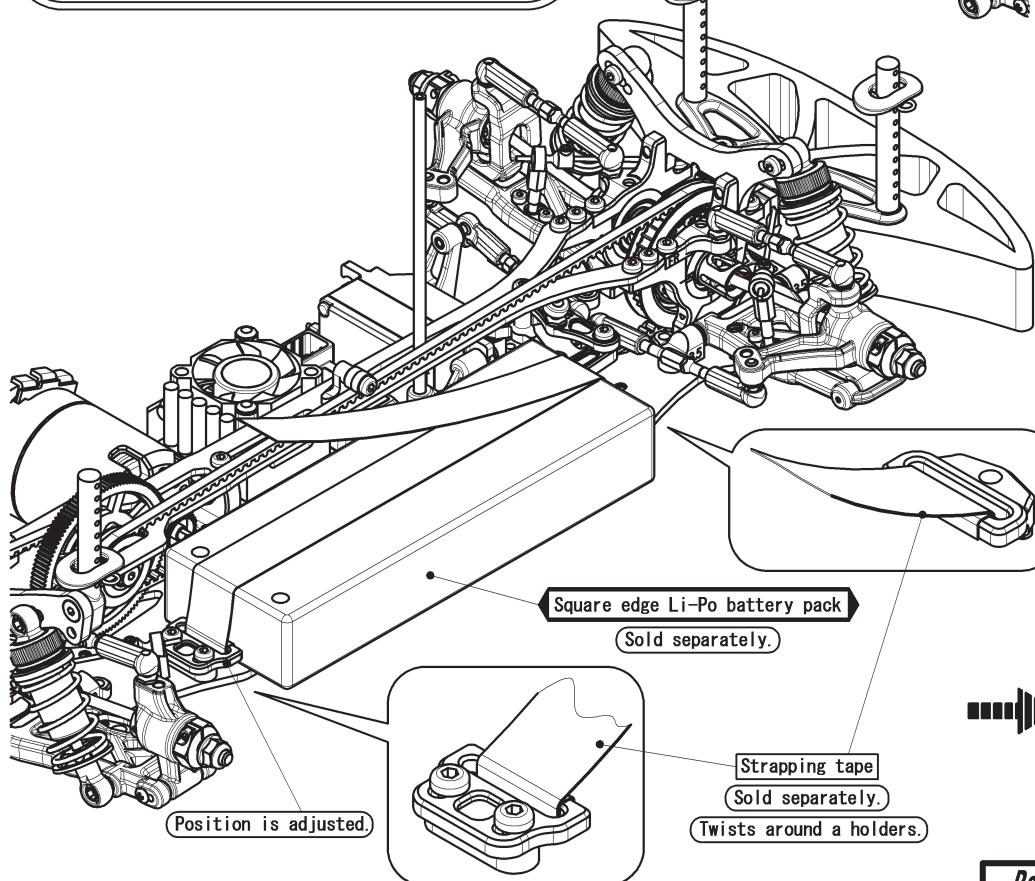
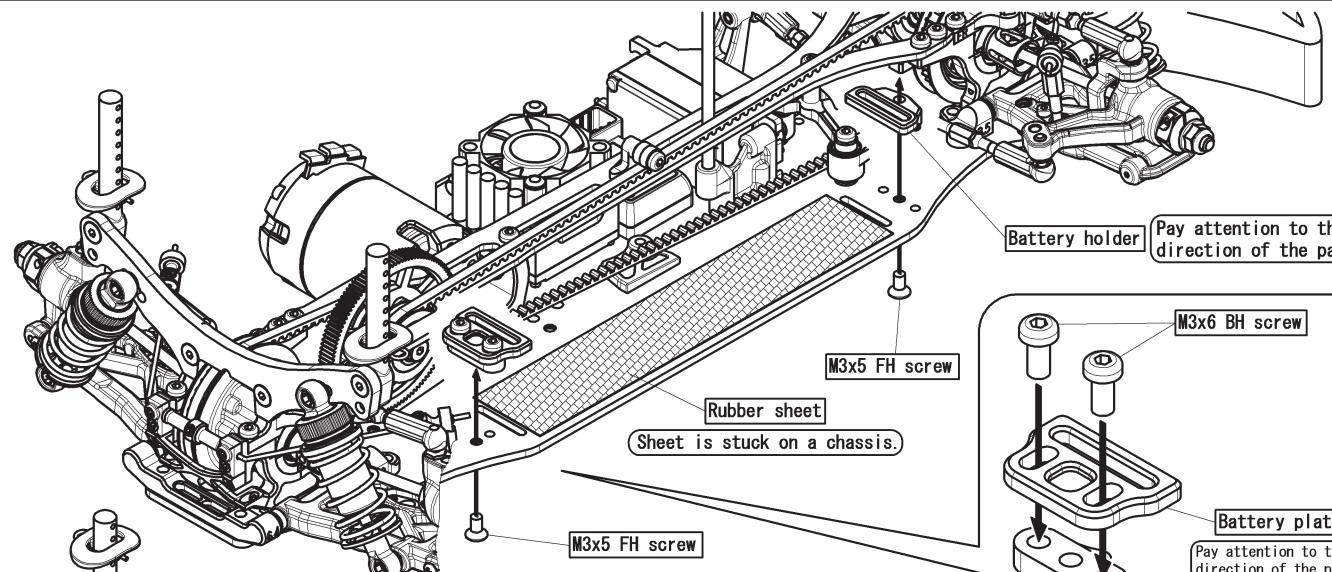
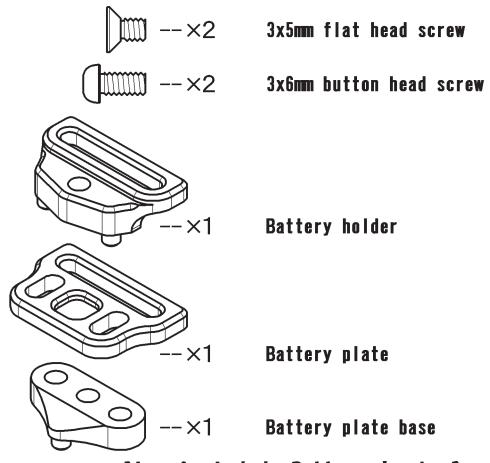
- ③ Motor and pinion gear not included in kit.
Please purchase separately.
- ④ Install the pinion so that the set screw is tightened onto the flat portion of the motor shaft.
- ⑤ Adjust the gear mesh to allow a very small gap between the teeth of the pinion and spur gear.
(improper adjustment of the pinion and spur may result in damage to the gears.)
- ⑥ Continuous running of the motor will result in shorter motor life. Allow the motor to cool between runs.



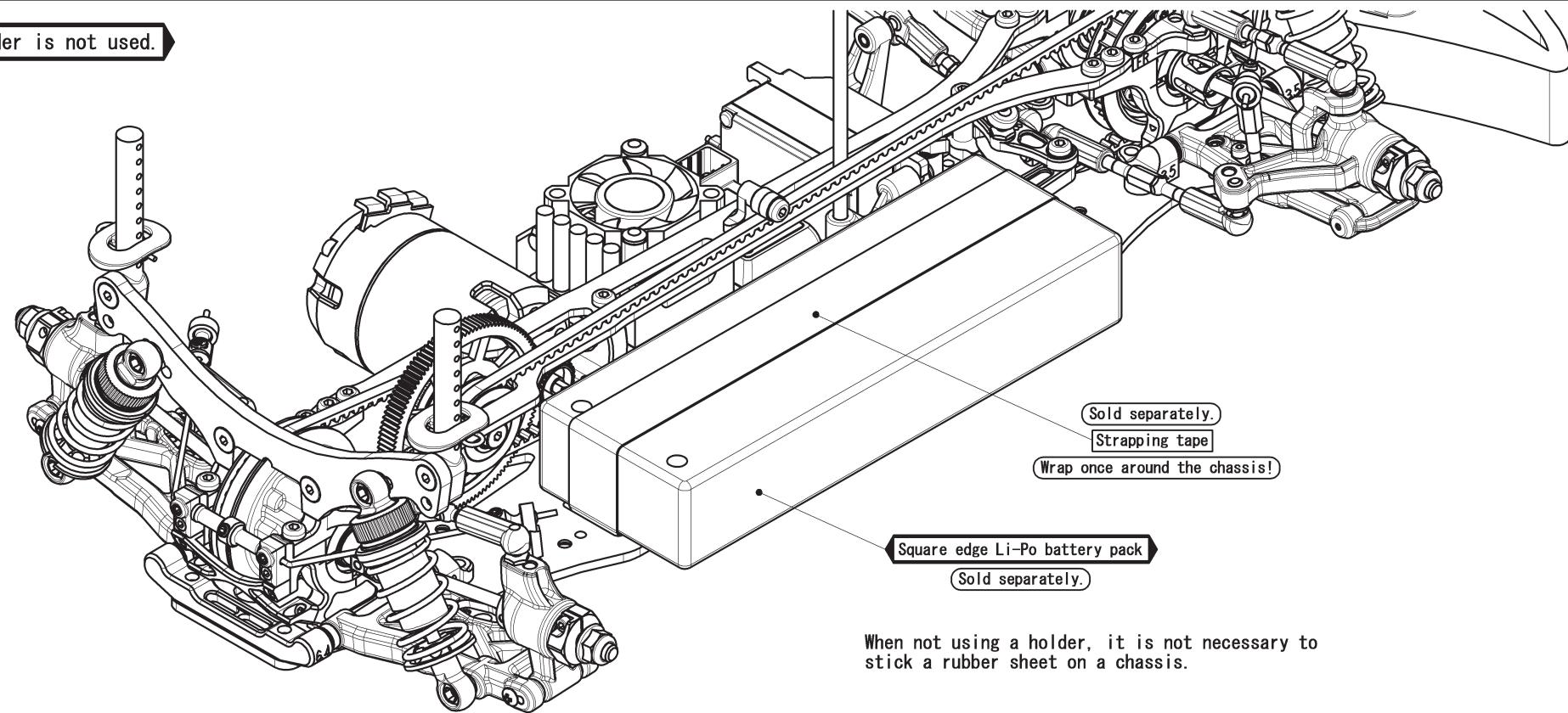
Adjust the pinion so that it lines up with the spur gear and tighten the set screw to secure the pinion. Adjust the motor position so that the gears mesh correctly and tighten the two button head screws to secure the motor.



[Bag-16 Contents]

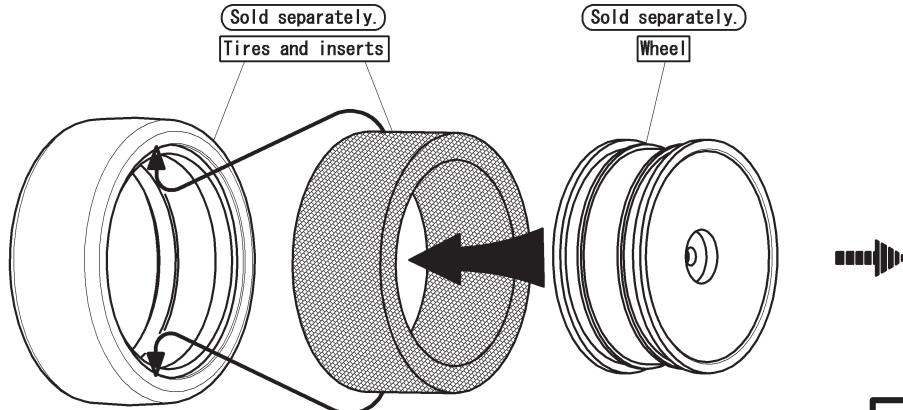


When a holder is not used.

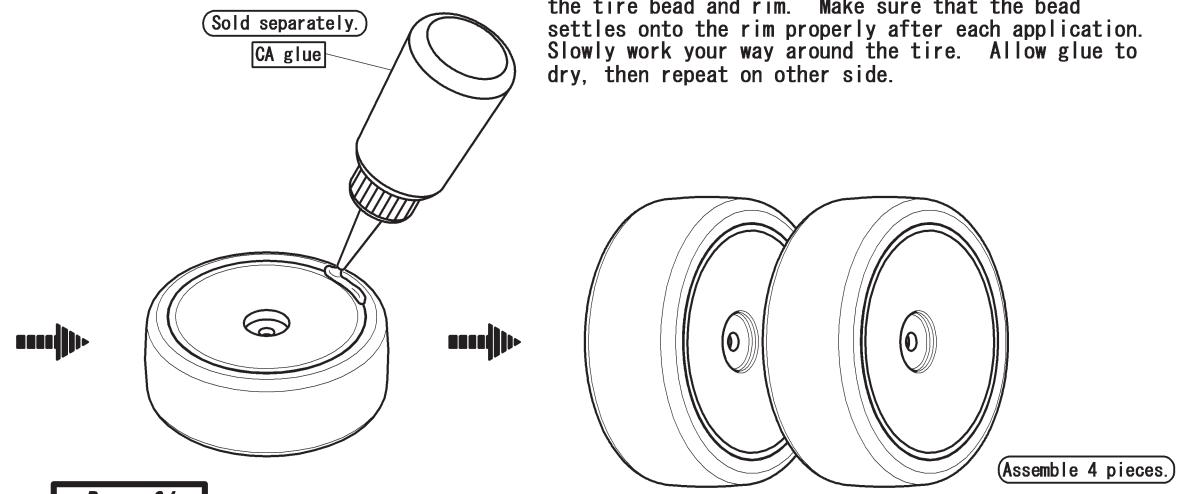


Tire Assembly

Place the insert into the tire, and mount the tire onto the wheel.
(Wheels and tires and inserts sold separately.)

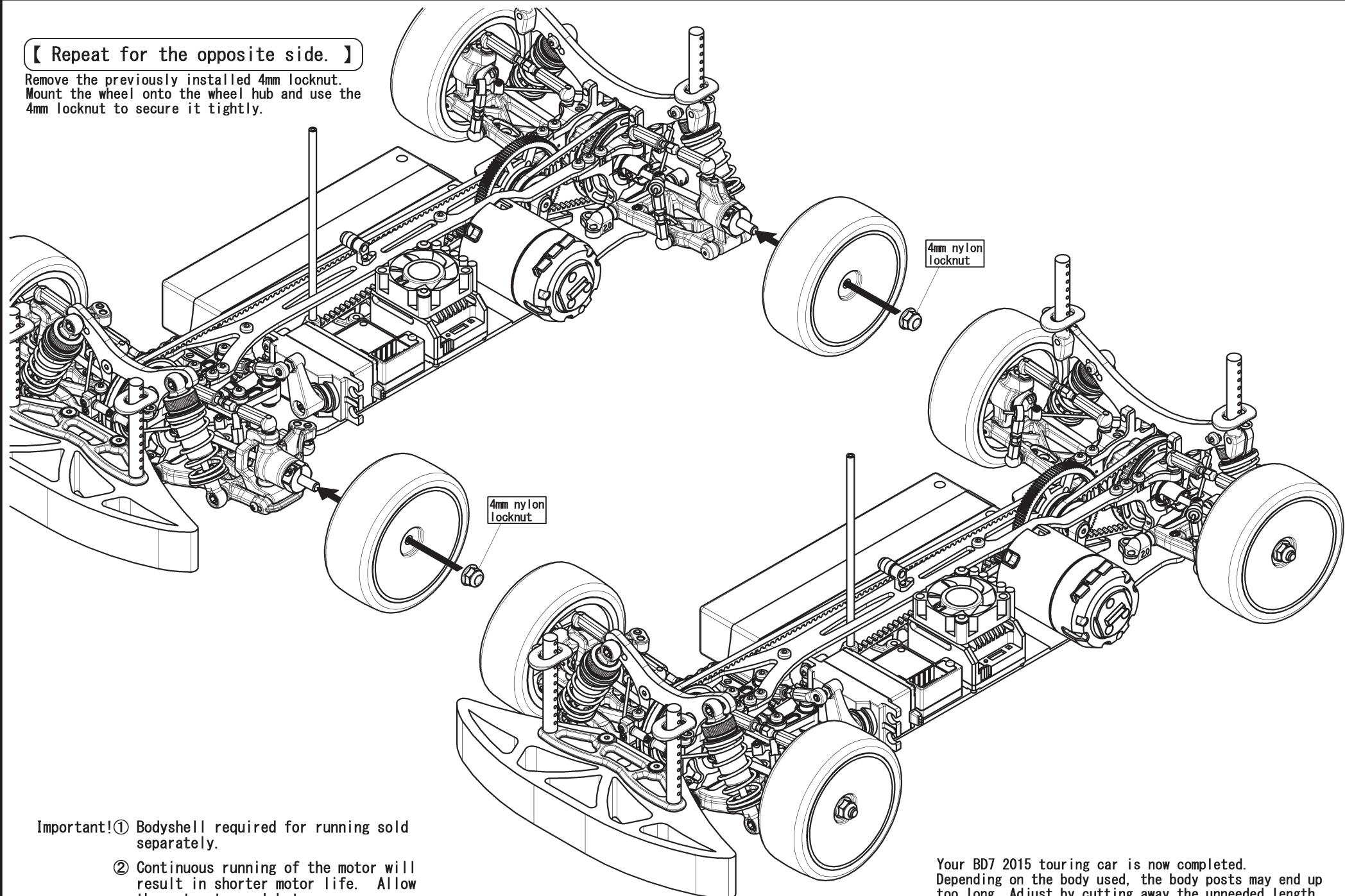


Pull the sidewall of the tire slightly away from the rim and apply CA(Cyanoacrylate) glue in between the tire bead and rim. Make sure that the bead settles onto the rim properly after each application. Slowly work your way around the tire. Allow glue to dry, then repeat on other side.



【 Repeat for the opposite side. 】

Remove the previously installed 4mm locknut.
Mount the wheel onto the wheel hub and use the
4mm locknut to secure it tightly.

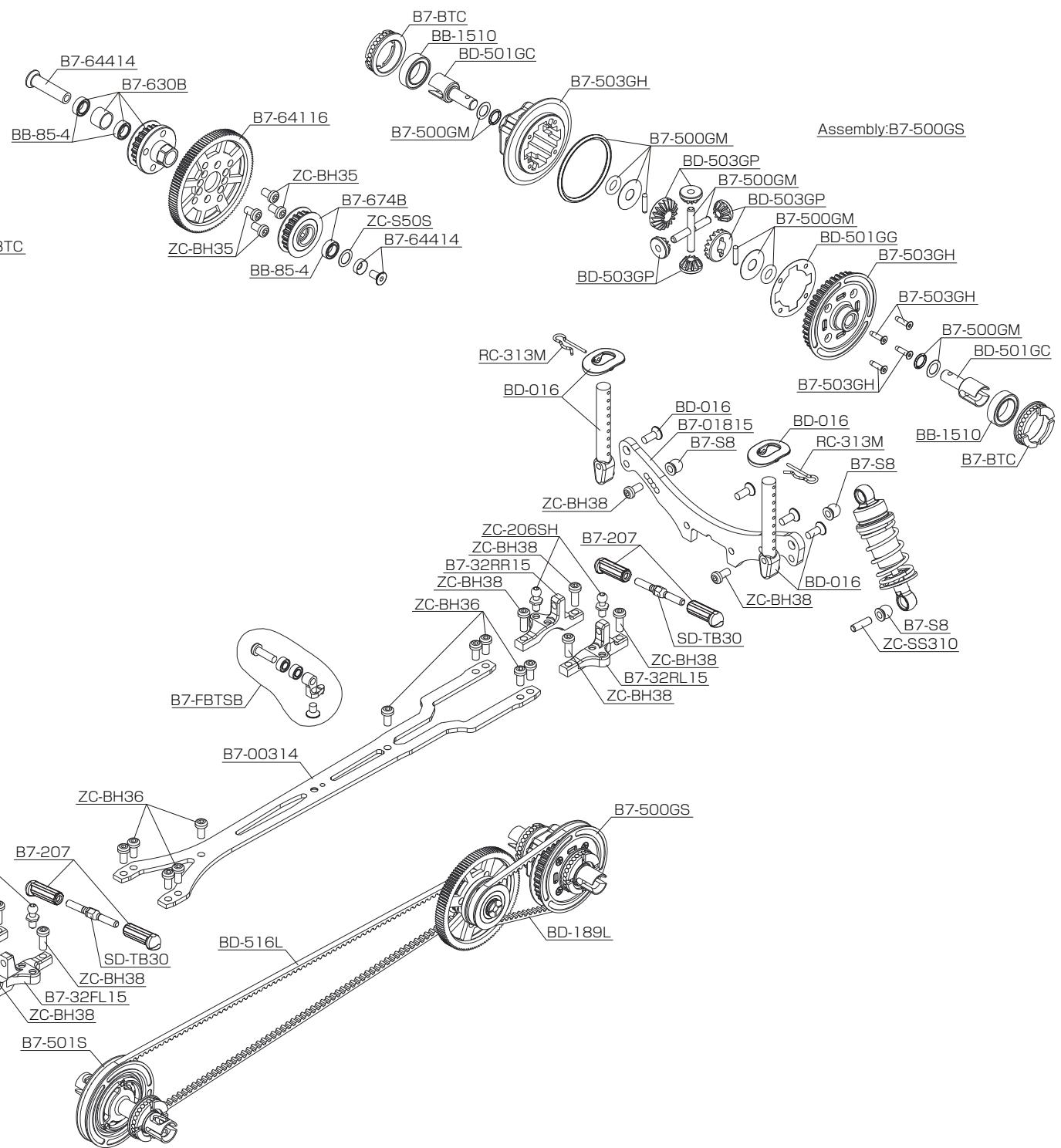
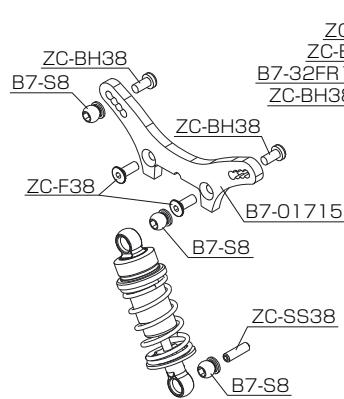
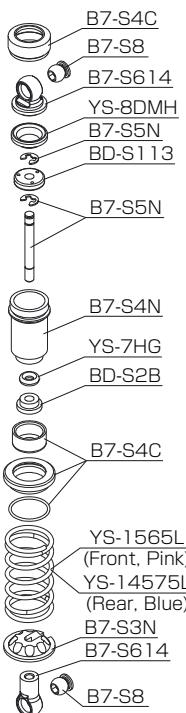
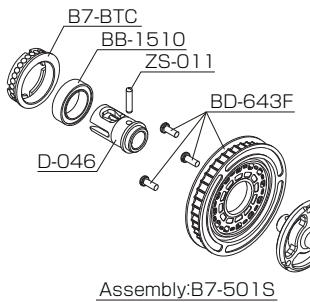


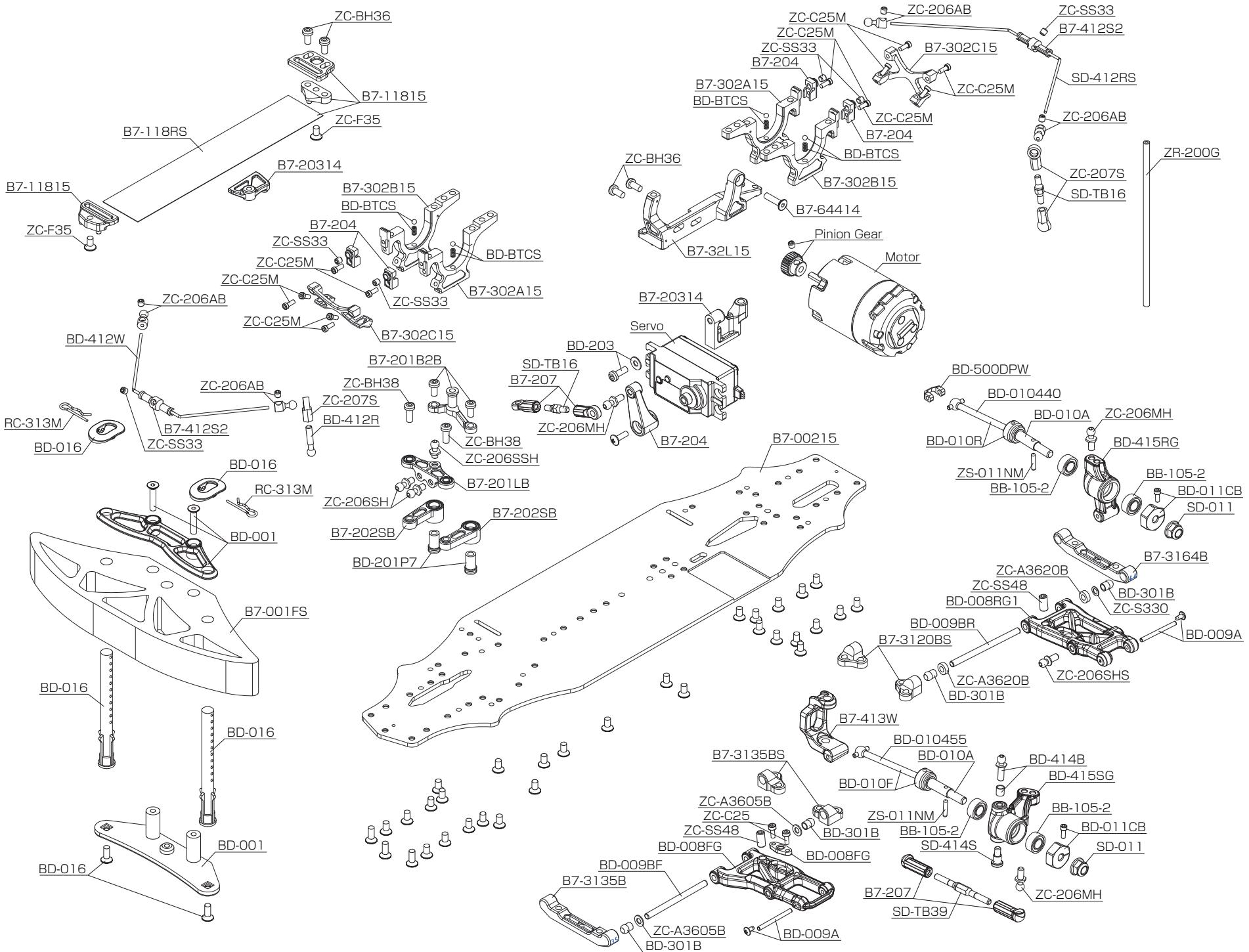
Important! ① Bodyshell required for running sold separately.

② Continuous running of the motor will result in shorter motor life. Allow the motor to cool between runs.

Your BD7 2015 touring car is now completed.
Depending on the body used, the body posts may end up too long. Adjust by cutting away the unneeded length.

MEMO





RC 2015

SETTING SHEET

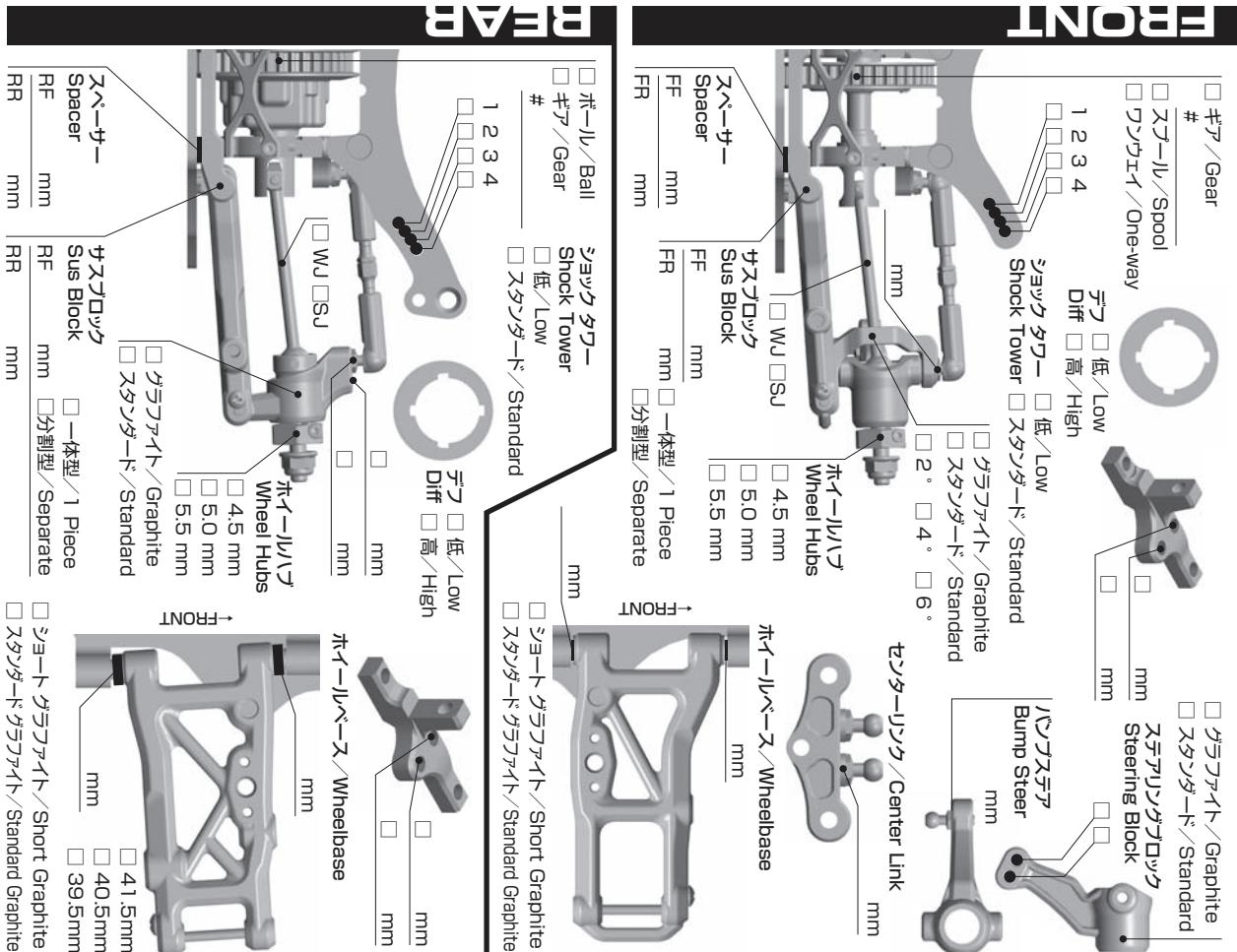
DRIVER

DATE . . .

CIRCUIT

- 環境 / Place
 - インドア / Indoor
 - アウトドア / Outdoor
- 路面 / Track
 - アスファルト / Asphalt
 - カーペット / Carpet
- クリップ / Traction
 - 高い / High
 - 普通 / Medium
 - 低い / Low
- 路面状況 / Track situation
 - フラット / Flat
 - バンピー / Bump

- ショック / shock absorber
 - スタンダード / Standard
 - グラファイト / Graphite
- ノーマル / Normal
 - キャンバー / Camber Angle
 - ハイドロ / Hydro
- ショート / Short
 - ドリーブ / Drip
 - オーリ / Oil
- ホイールベース / Wheelbase
 - フロント / Front
 - リア / Rear
- ピストン / Piston
 - ナラダ / Bladder
 - オーリング / O-ring
- ブレーキ / Brake
 - ブレーキペダル / Brake Pedal
 - ブレーキシュー / Brake Shoe
- ブレーキシュー / Brake Shoe
 - ブレーキペダル / Brake Pedal
 - ブレーキシュー / Brake Shoe



FRONT	REAR
タイヤ / Tire	タイヤ / Tire
硬度 / Compound	硬度 / Compound
インナー / Insert	インナー / Insert
ホイール / Wheel	ホイール / Wheel
トクショーン / Tire Treatment	トクショーン / Tire Treatment
メモ / Notes	メモ / Notes

OPTION	選択肢 / Options
ギア / Gear	<input type="checkbox"/> スピード / Speed
#	<input type="checkbox"/> スプール / Spool
スプール / Spool	<input type="checkbox"/> ワンウェイ / One-way
ワントウェイ / One-way	<input type="checkbox"/> デフ / Diff
1 2 3 4	<input type="checkbox"/> 低 / Low
デフ / Diff	<input type="checkbox"/> 高 / High
ショックタワー / Shock Tower	<input type="checkbox"/> スタンダード / Standard
Shock Tower	<input type="checkbox"/> グラファイト / Graphite
スペーサー / Spacer	<input type="checkbox"/> スタンダード / Standard
Spacer	<input type="checkbox"/> 2 °
FF mm	<input type="checkbox"/> 4 °
FR mm	<input type="checkbox"/> 6 °
ボール / Ball	<input type="checkbox"/> 一体型 / 1 Piece
ギア / Gear	<input type="checkbox"/> 分割型 / Separate
#	<input type="checkbox"/> 分割型 / Separate
低 / Low	<input type="checkbox"/> 分割型 / Separate
スタンダード / Standard	<input type="checkbox"/> 分割型 / Separate
ショックタワー / Shock Tower	<input type="checkbox"/> ショート / Short
Shock Tower	<input type="checkbox"/> スタンダードグラファイト / Standard Graphite
WJ SJ	<input type="checkbox"/> ショートグラファイト / Short Graphite
WJ SJ	<input type="checkbox"/> ホイールハブ / Wheel Hubs
デフ / Diff	<input type="checkbox"/> 4.5 mm
デフ / Diff	<input type="checkbox"/> 5.0 mm
デフ / Diff	<input type="checkbox"/> 5.5 mm
ホイールハブ / Wheel Hubs	<input type="checkbox"/> 4.5 mm
ホイールハブ / Wheel Hubs	<input type="checkbox"/> 5.0 mm
ホイールハブ / Wheel Hubs	<input type="checkbox"/> 5.5 mm
グラファイト / Graphite	<input type="checkbox"/> 一体型 / 1 Piece
スペーサー / Spacer	<input type="checkbox"/> 分割型 / Separate
RF mm	<input type="checkbox"/> 分割型 / Separate
RR mm	<input type="checkbox"/> ショートグラファイト / Short Graphite
RR mm	<input type="checkbox"/> スタンダードグラファイト / Standard Graphite
メインシャーシ / Main Chassis	<input type="checkbox"/> カーボン / Carbon Graphite
モーター / Motor	<input type="checkbox"/> アルミニウム / Aluminum
スパーギア / Spur Gear	<input type="checkbox"/> 枝 (ピッチ / pitch)
ピニオンギア / Pinion Gear	<input type="checkbox"/> 枝 (ピッチ / pitch)
モーター位置 / Motor Position	<input type="checkbox"/> 前位置 / Forward
モーター位置 / Motor Position	<input type="checkbox"/> スタンダード / Standard
ボディ / Body	
ウイング / Wing	
アップバーティギー / Upper Deck	<input type="checkbox"/> スタンダード / Standard
バッテリー / Battery	<input type="checkbox"/> ハイトラクション / High Traction
アンブ / ESC	

<BD7 2015 GEAR RATIO (48pitch)>

2nd RATIO																								
2.000	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	
18	7.222	7.333	7.444	7.556	7.667	7.778	7.889	8.000	8.111	8.222	8.333	8.444	8.556	8.667	8.778	8.889	9.000	9.111	9.222	9.333	9.444	9.556	9.667	
19	6.842	6.947	7.053	7.158	7.263	7.368	7.474	7.579	7.684	7.789	7.895	8.000	8.105	8.211	8.316	8.421	8.526	8.632	8.737	8.842	8.947	9.053	9.158	
20	6.500	6.600	6.700	6.800	6.900	7.000	7.100	7.200	7.300	7.400	7.500	7.600	7.700	7.800	7.900	8.000	8.100	8.200	8.300	8.400	8.500	8.600	8.700	
21	6.190	6.286	6.381	6.476	6.571	6.667	6.762	6.857	6.952	7.048	7.143	7.238	7.333	7.429	7.524	7.619	7.714	7.810	7.905	8.000	8.095	8.190	8.286	
22	5.909	6.000	6.091	6.182	6.273	6.364	6.455	6.545	6.636	6.727	6.818	6.909	7.000	7.091	7.182	7.273	7.364	7.455	7.545	7.636	7.727	7.818	7.909	
23	5.652	5.739	5.826	5.913	6.000	6.087	6.174	6.261	6.348	6.435	6.522	6.609	6.696	6.783	6.870	6.957	7.043	7.130	7.217	7.304	7.391	7.478	7.565	
24	5.417	5.500	5.583	5.667	5.750	5.833	5.917	6.000	6.083	6.167	6.250	6.333	6.417	6.500	6.583	6.667	6.750	6.833	6.917	7.000	7.083	7.167	7.250	
25	5.200	5.280	5.360	5.440	5.520	5.600	5.680	5.760	5.840	5.920	6.000	6.080	6.160	6.240	6.320	6.400	6.480	6.560	6.640	6.720	6.800	6.880	6.960	
26	5.000	5.077	5.154	5.231	5.308	5.385	5.462	5.538	5.615	5.692	5.769	5.846	5.923	6.000	6.077	6.154	6.231	6.308	6.385	6.462	6.538	6.615	6.692	
27	4.815	4.889	4.963	5.037	5.111	5.185	5.259	5.333	5.407	5.481	5.556	5.630	5.704	5.778	5.852	5.926	6.000	6.074	6.148	6.222	6.296	6.370	6.444	
28	4.643	4.714	4.786	4.857	4.929	5.000	5.071	5.143	5.214	5.286	5.357	5.429	5.500	5.571	5.643	5.714	5.786	5.857	5.929	6.000	6.071	6.143	6.214	
29	4.483	4.552	4.621	4.690	4.759	4.828	4.897	4.966	5.034	5.103	5.172	5.241	5.310	5.379	5.448	5.517	5.586	5.655	5.724	5.793	5.862	5.931	6.000	
30	4.333	4.400	4.467	4.533	4.600	4.667	4.733	4.800	4.867	4.933	5.000	5.067	5.133	5.200	5.267	5.333	5.400	5.467	5.533	5.600	5.667	5.733	5.800	
31	4.194	4.258	4.323	4.387	4.452	4.516	4.581	4.645	4.710	4.774	4.839	4.903	4.968	5.032	5.097	5.161	5.226	5.290	5.355	5.419	5.484	5.548	5.613	
32	4.063	4.125	4.188	4.250	4.313	4.375	4.438	4.500	4.563	4.625	4.688	4.750	4.813	4.875	4.938	5.000	5.063	5.125	5.188	5.250	5.313	5.375	5.438	
33	3.939	4.000	4.061	4.121	4.182	4.242	4.303	4.364	4.424	4.485	4.545	4.606	4.667	4.727	4.788	4.848	4.909	4.970	5.030	5.091	5.152	5.212	5.273	
34	3.824	3.882	3.941	4.000	4.059	4.118	4.176	4.235	4.294	4.353	4.412	4.471	4.529	4.588	4.647	4.706	4.765	4.824	4.882	4.941	5.000	5.059	5.118	
35	3.714	3.771	3.829	3.886	3.943	4.000	4.057	4.114	4.171	4.229	4.286	4.343	4.400	4.457	4.514	4.571	4.629	4.686	4.743	4.800	4.857	4.914	4.971	
36	3.611	3.667	3.722	3.778	3.833	3.889	3.944	4.000	4.056	4.111	4.167	4.222	4.278	4.333	4.389	4.444	4.500	4.556	4.611	4.667	4.722	4.778	4.833	
37	3.514	3.568	3.622	3.676	3.730	3.784	3.838	3.892	3.946	4.000	4.054	4.108	4.162	4.216	4.270	4.324	4.378	4.432	4.486	4.541	4.595	4.649	4.703	
38	3.421	3.474	3.526	3.579	3.632	3.684	3.737	3.789	3.842	3.895	3.947	4.000	4.053	4.105	4.158	4.211	4.263	4.316	4.368	4.421	4.474	4.526	4.579	
39	3.333	3.385	3.436	3.487	3.538	3.590	3.641	3.692	3.744	3.795	3.846	3.897	3.949	4.000	4.051	4.103	4.154	4.205	4.256	4.308	4.359	4.410	4.462	
40	3.250	3.300	3.350	3.400	3.450	3.500	3.550	3.600	3.650	3.700	3.750	3.800	3.850	3.900	3.950	4.000	4.050	4.100	4.150	4.200	4.250	4.300	4.350	

※使用するモーターの形状により、アッパーデッキとの干渉が異なりますので上記表とは使用範囲が異なる場合があります。

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