

DRIFT PACKAGE

DPM

SSG

1/10 SCALE EP DRIFT 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できます。

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パーツ等はエッジが鋭く、慎重な組立が必要となります。ケガをしないように注意して下さい。
- プラスチックパ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と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を超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カー用サーキ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タイヤが空転するように、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の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クインをする時は、モーターをしっかり固定し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メカを壊す原因にもなります。
- 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

- ①Place the R/C car on a stand so the wheels are off the ground.
- ②Confirm that the speed controller switch is OFF, and connect the motor and battery.
- ③Extend 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.)
- ④Turn the speed controller switch ON.

FINISHING A RUN

- ①Turn the speed controller switch OFF.
- ②Disconnect the battery.
- ③Turn 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 [DRIFT PACKAGE DPM] ASSEMBLY

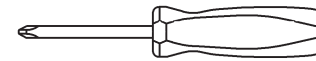
■ 走行の為に別にお買い求め頂く物 ■

ADDITIONAL ITEMS REQUIRED FOR USE (NOT INCLUDED IN KIT)

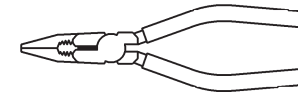
- 2チャンネルプロポ (1サーボ 1アンプ仕様)
**TWO CHANNEL R/C SURFACE RADIO SYSTEM
AND ELECTRONIC SPEED CONTROL**
- 走行用 角型Li-Poバッテリー
SQUARE EDGE Li-Po BATTERY PACK
- 走行用バッテリー充電器
BATTERY CHARGER
- 走行用モーター
MOTOR
- ホイル&タイヤ(ホイル&タイヤ付キットは不要)
WHEEL & TIRES
- 走行用ボディー(ボディー付キットは不要)
BODY
- ボディー塗装用カラー
BODY SPRAY PAINT

■ 別途用意する工具 ■

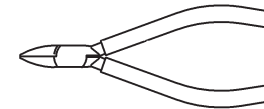
ASSEMBLING TOOLS REQUIRED (NOT INCLUDED IN KIT)



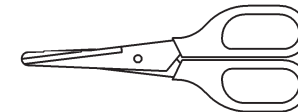
ドライバー (大,小)
SCREW DRIVER (SMALL & LARGE)



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

■ キットに入っている工具 ■

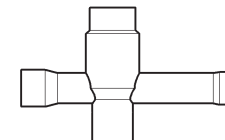
TOOLS (INCLUDED)



六角レンチ
ALLEN WRENCH
(1.5mm & 2.0mm)



ターンバックルレンチ
TURNBUCKLE WRENCH

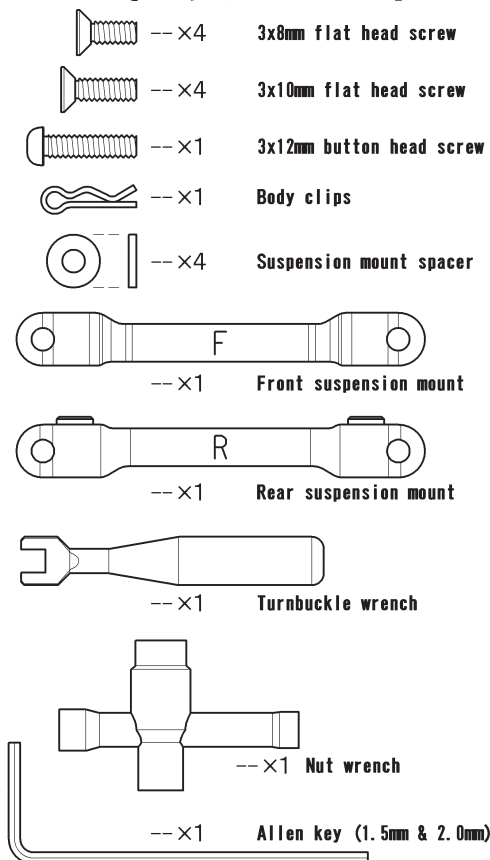


十字レンチ
NUT WRENCH

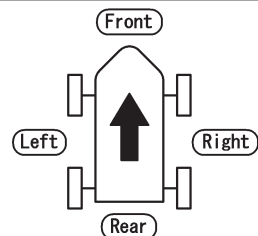
**[DRIFT PACKAGE DPM]の性能を十分に発揮させる為に
イラストを良く参照し説明の順番に従って確実に組み上げて下さい。**

**For assembly, follow the figures and the instructions closely so
that your [DRIFT PACKAGE DPM] will perform at its best!!**

[Bag-1 Contents]

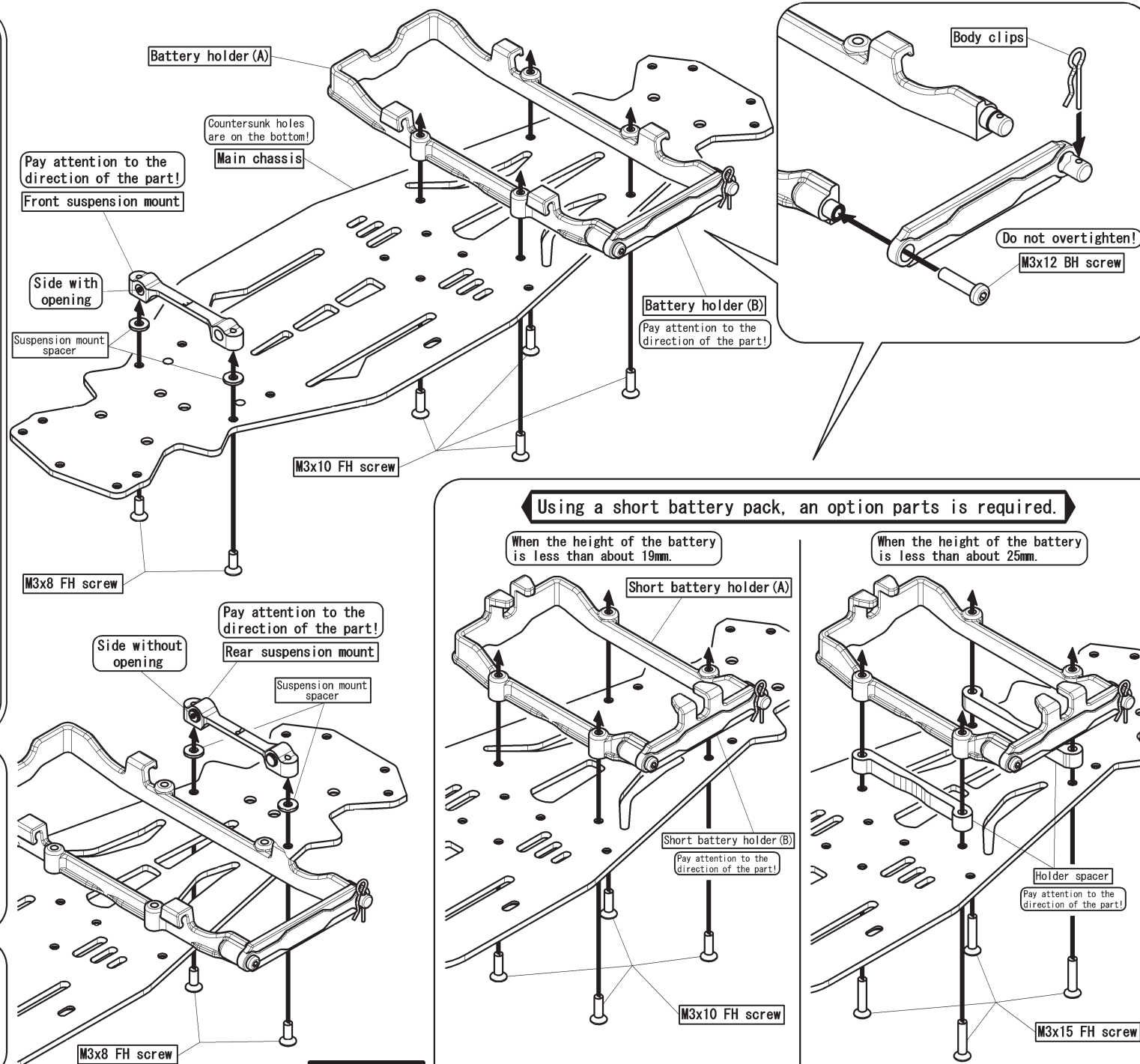


Also included: Battery holder (A) & (B) x1.



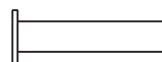
All of the 3mm set screws included in this kit are allen head set screws. To tighten, please use a 2.0mm allen wrench or the 2.0mm allen key included in this kit.

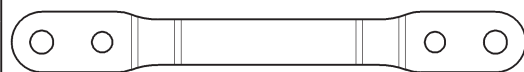
If you happen to find the 2.0mm allen key difficult to use, an optional 2.0mm allen wrench from Yokomo is available. Part no. YT-20W.

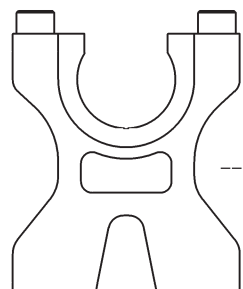


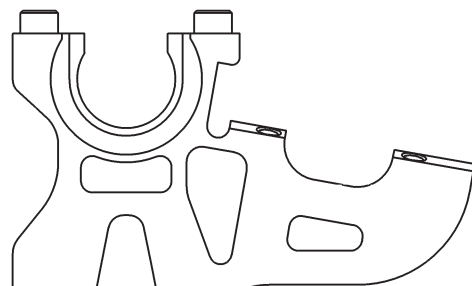
[Bag-2 Contents]

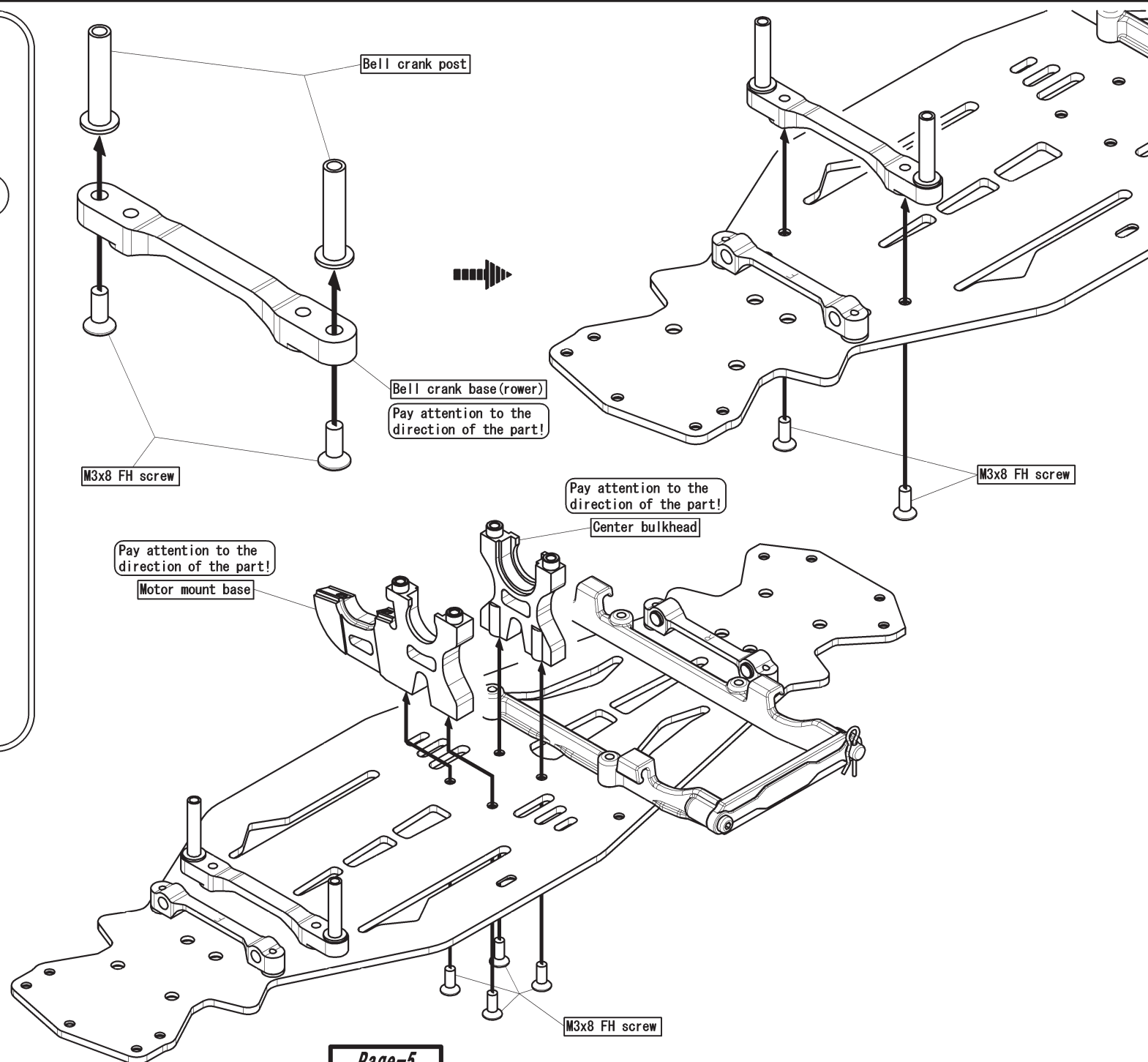
 --x8 3x8mm flat head screw

 --x2 Bell crank post

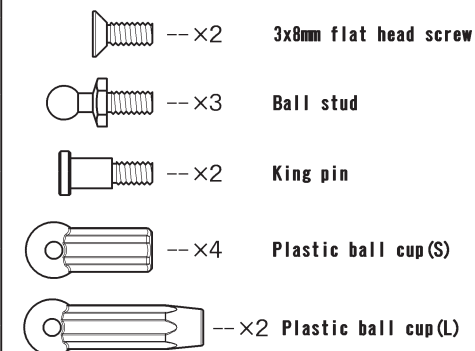
 --x1 Bell crank base (rower)

 --x1 Center bulkhead

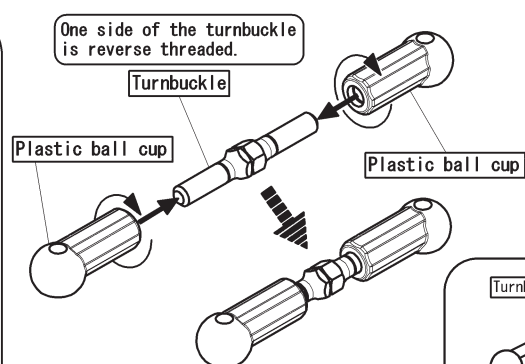
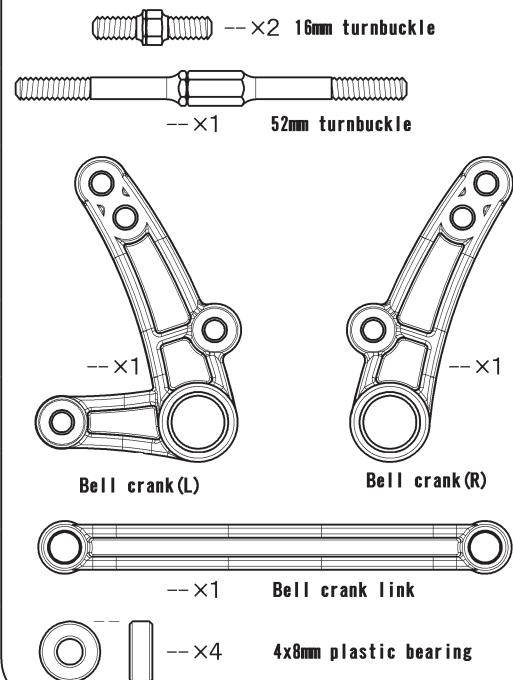
 --x1 Motor mount base



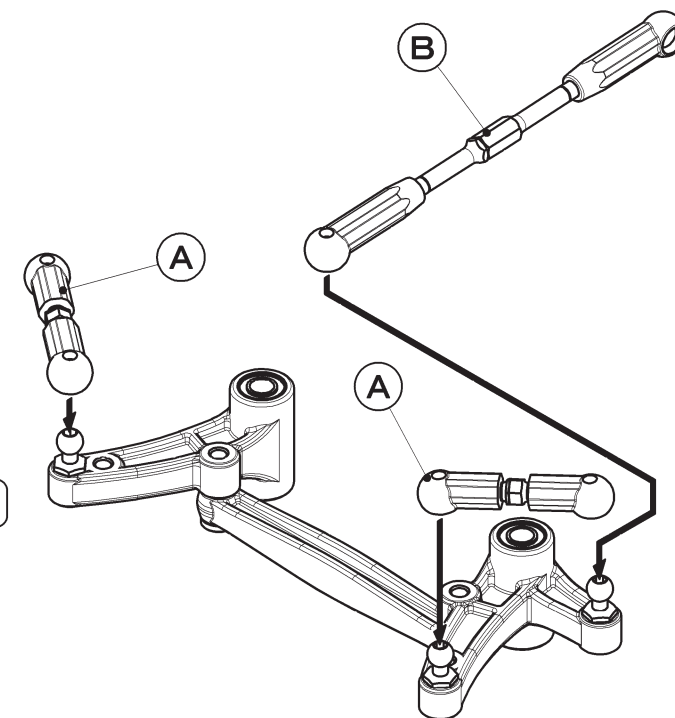
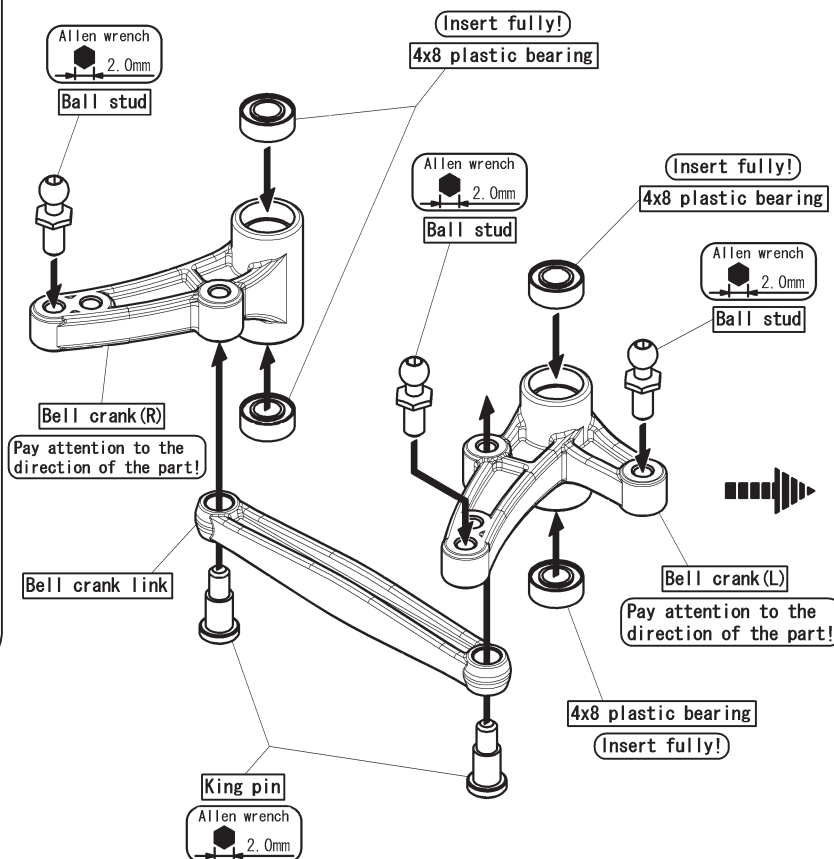
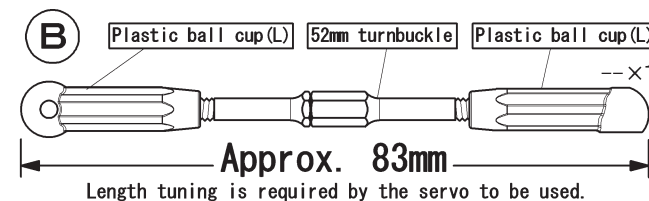
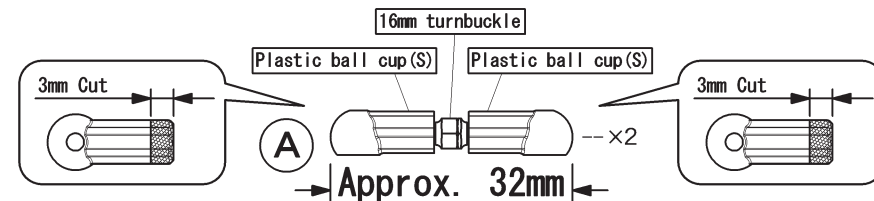
[Bag-3 Contents]



※There are 3 different ball end lengths (S), (M), (L).

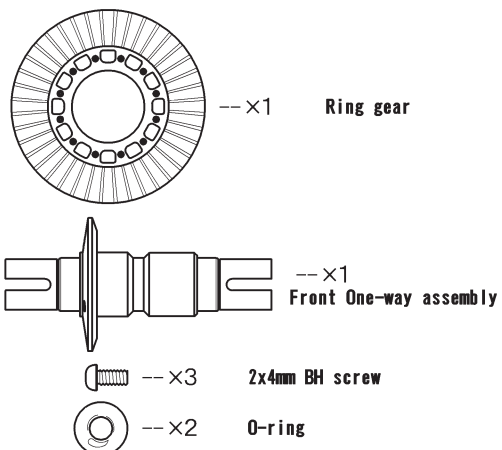


Assemble the tie-rod by attaching a plastic ball cup to both ends of the turnbuckle.

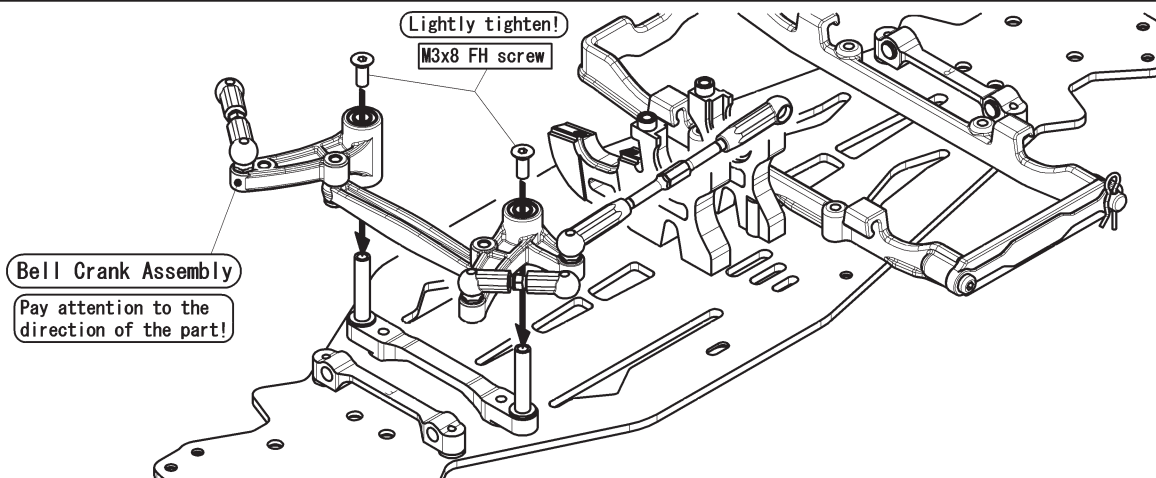
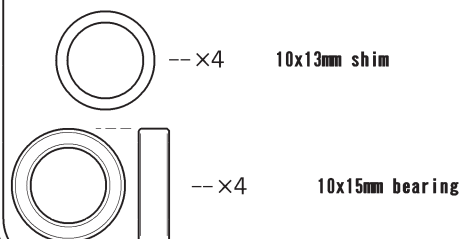
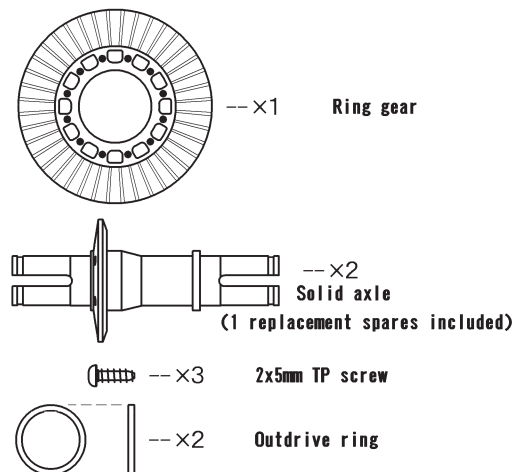


[Bag-4 Contents]

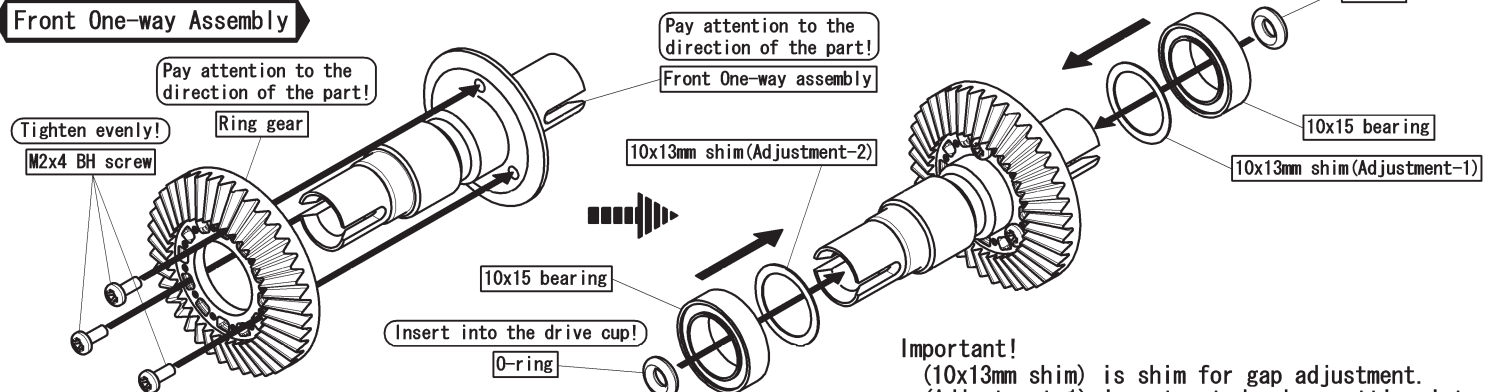
[FRONT ONE-WAY PARTS]



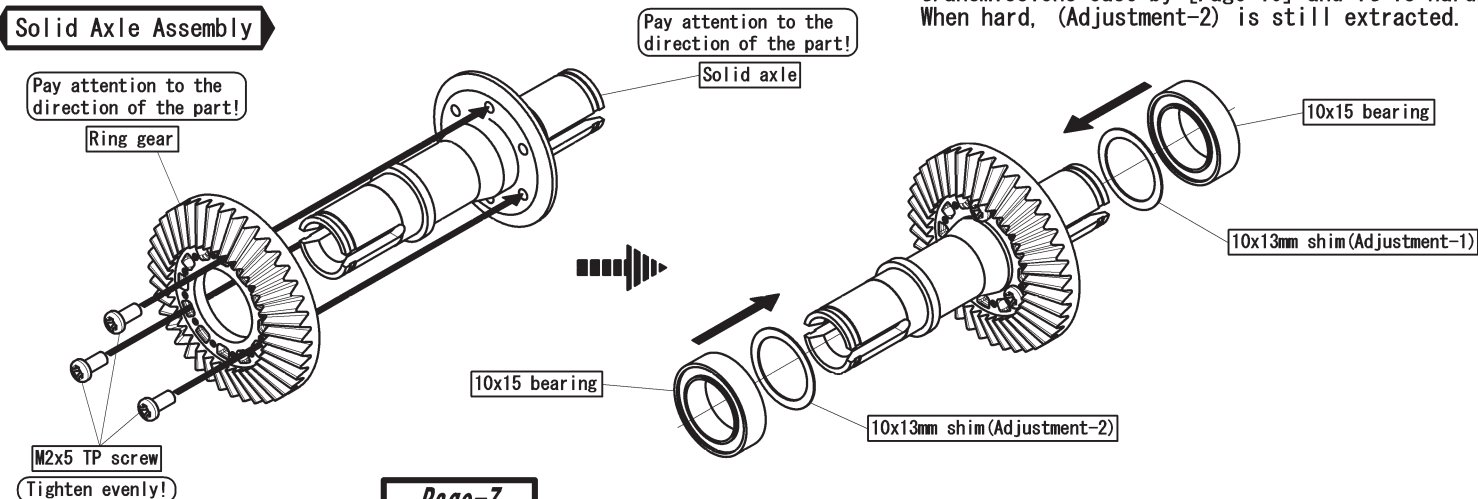
[SOLID AXLE PARTS]



Front One-way Assembly

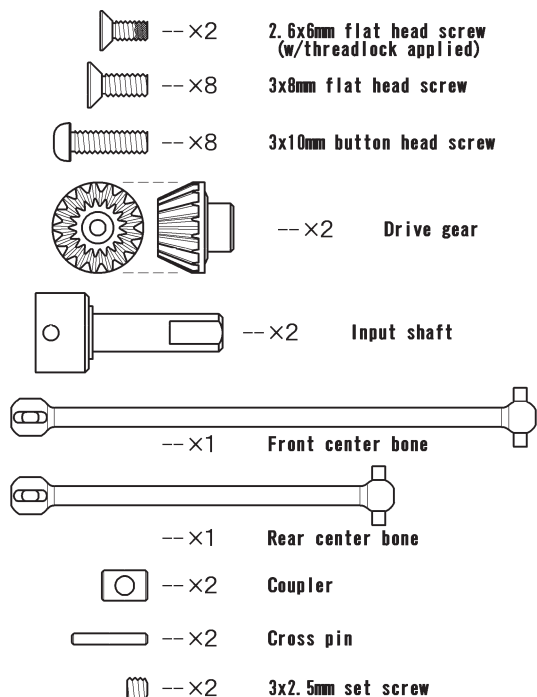


Solid Axle Assembly

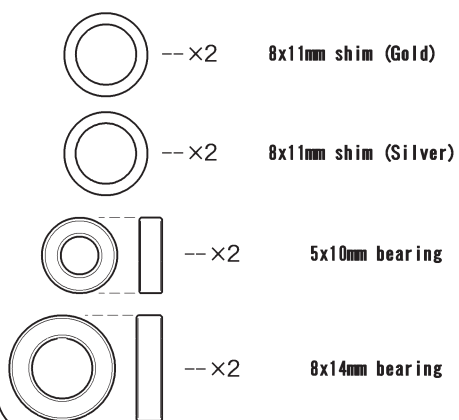


Important!
(10x13mm shim) is shim for gap adjustment.
(Adjustment-1) is extracted, when putting into a transmissions case by [Page-10] and it is hard.
When hard, (Adjustment-2) is still extracted.

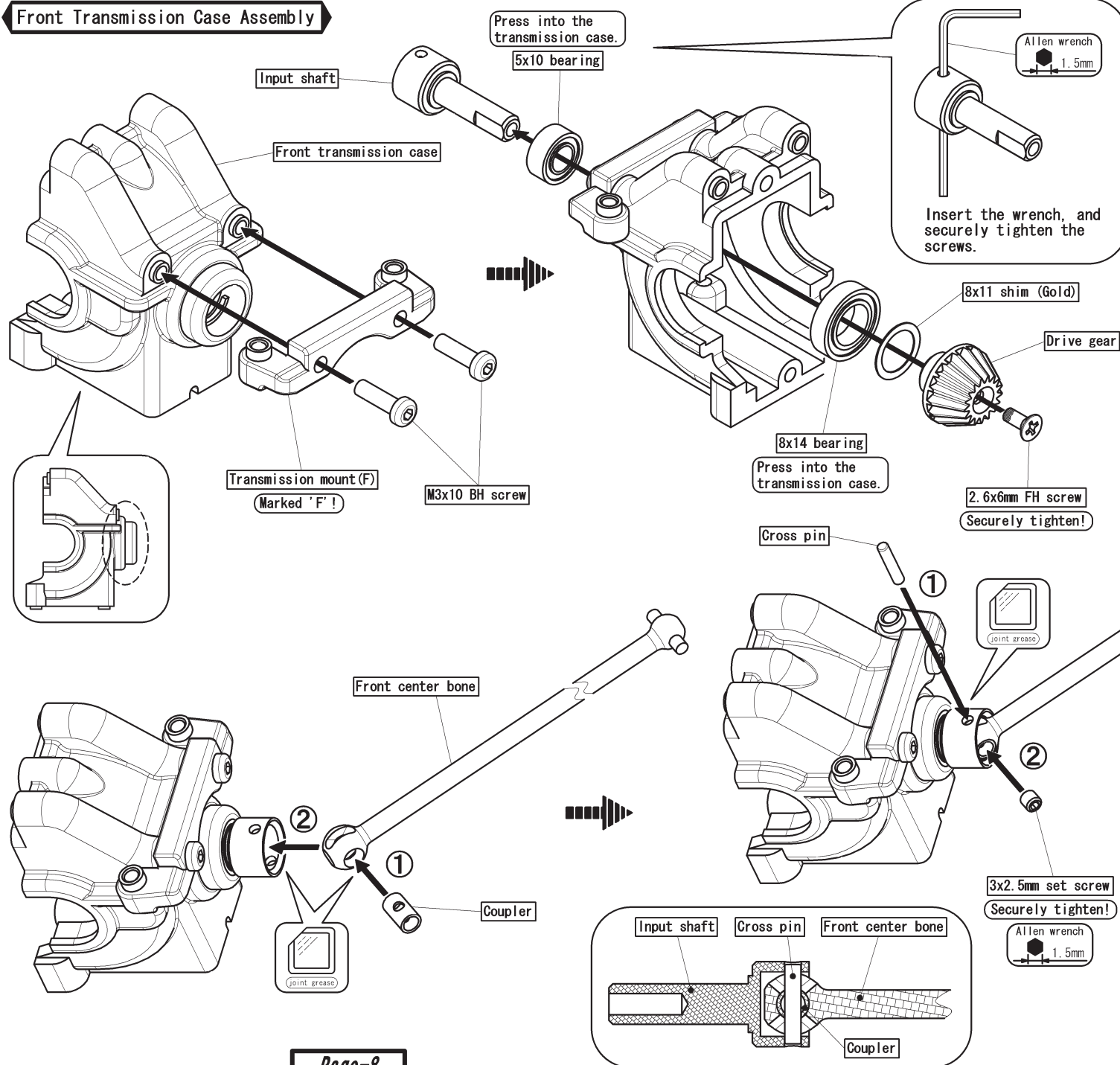
[Bag-5 Contents]



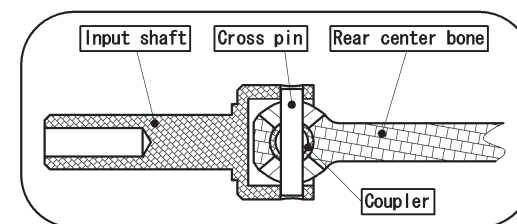
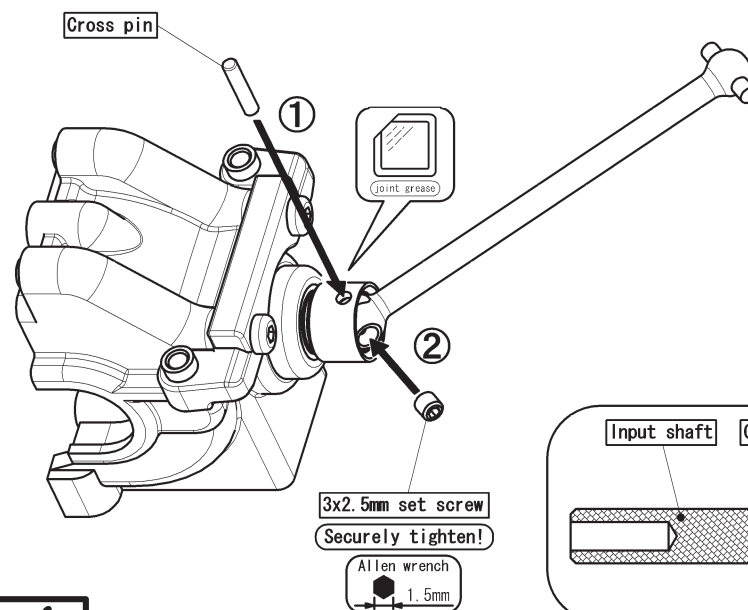
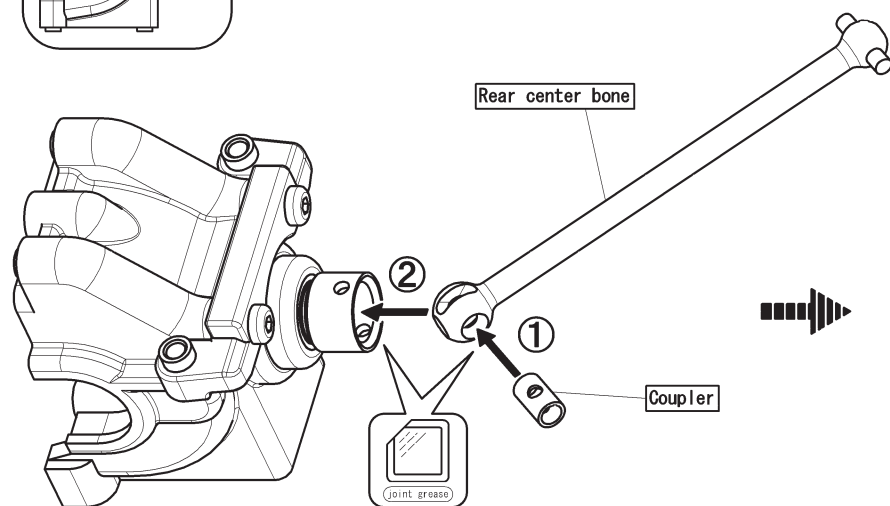
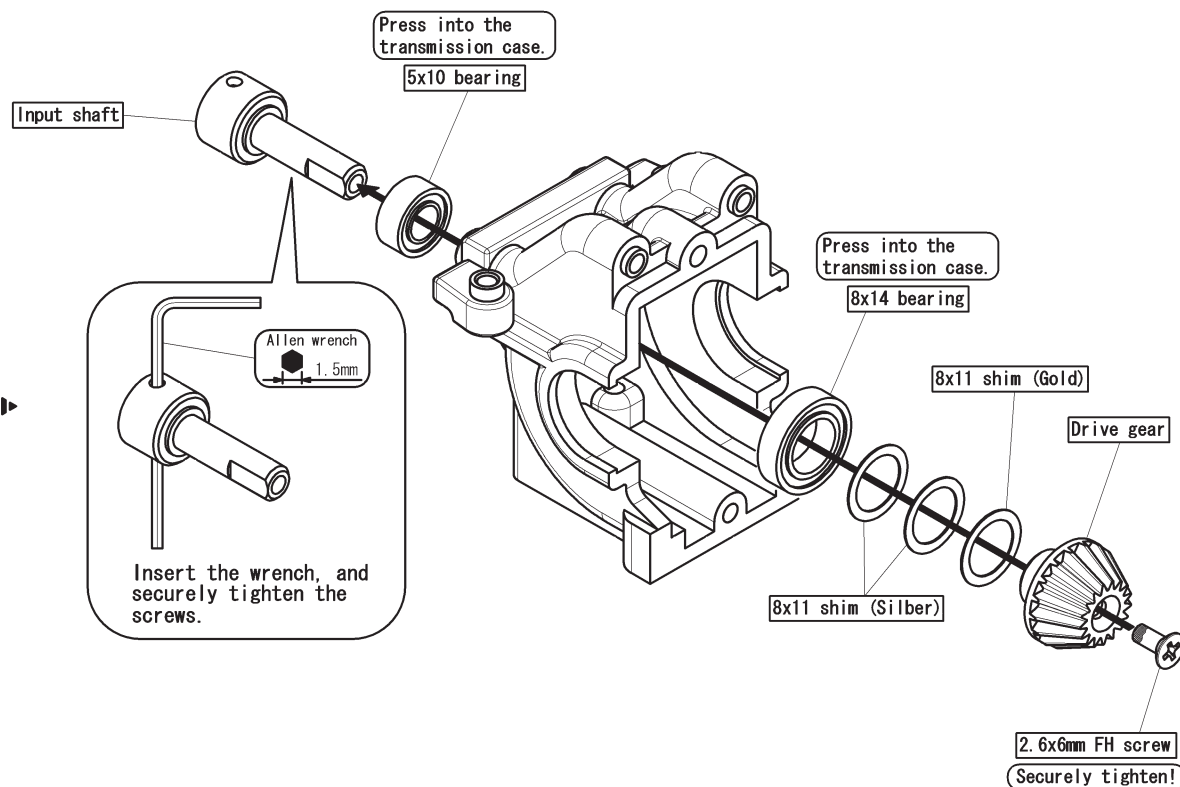
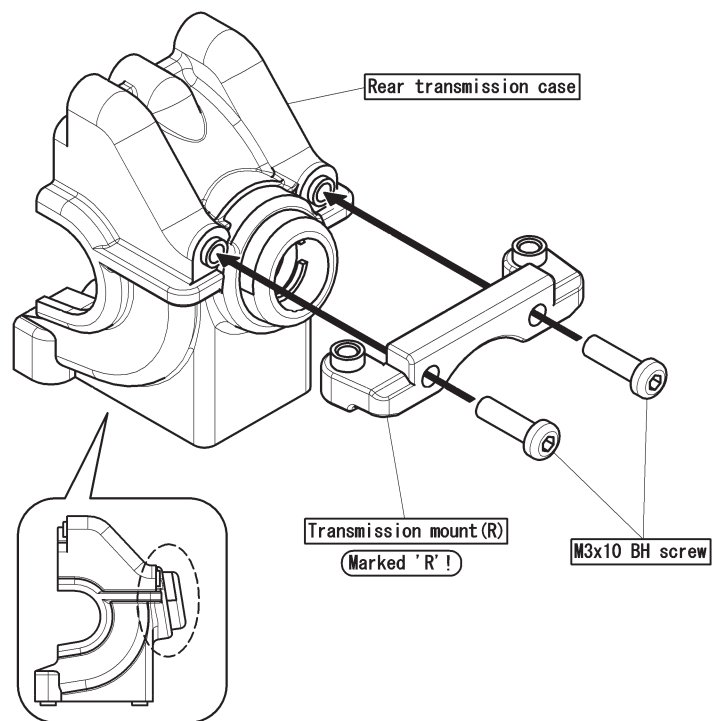
**Also included: Transmission case & cap x2
Transmission mount x2
Joint grease x1**



Front Transmission Case Assembly



Rear Transmission Case Assembly



Front Transmission Case Assembly

Transmission case with
Front center bone attached.

Pay careful attention to the
direction of the front one-way!

Transmission case cap(F)
Marked 'F'!



M3x10 BH screw

Pay attention to the
direction of the part!

M3x8 FH screw

Rear Transmission Case Assembly

Snap onto the outdrive so that
the ring fits into the groove.

Outdrive ring

Snap onto the outdrive so that
the ring fits into the groove.

Outdrive ring

Outdrive rings is attached
after gap adjustment.

Remaining parts from
[Bag-4 Contents]



--x2

Outdrive ring

Pay careful attention to the
direction of the solid axle!

Transmission case cap(R)
Marked 'R'!



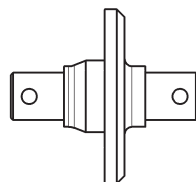
M3x10 BH screw

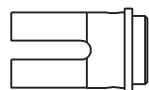
M3x8 FH screw

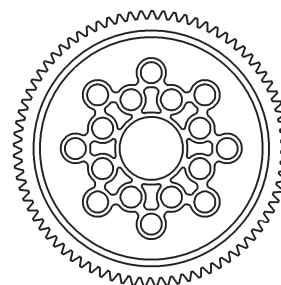
[Bag-6 Contents]

 --x4 3x6mm button head screw

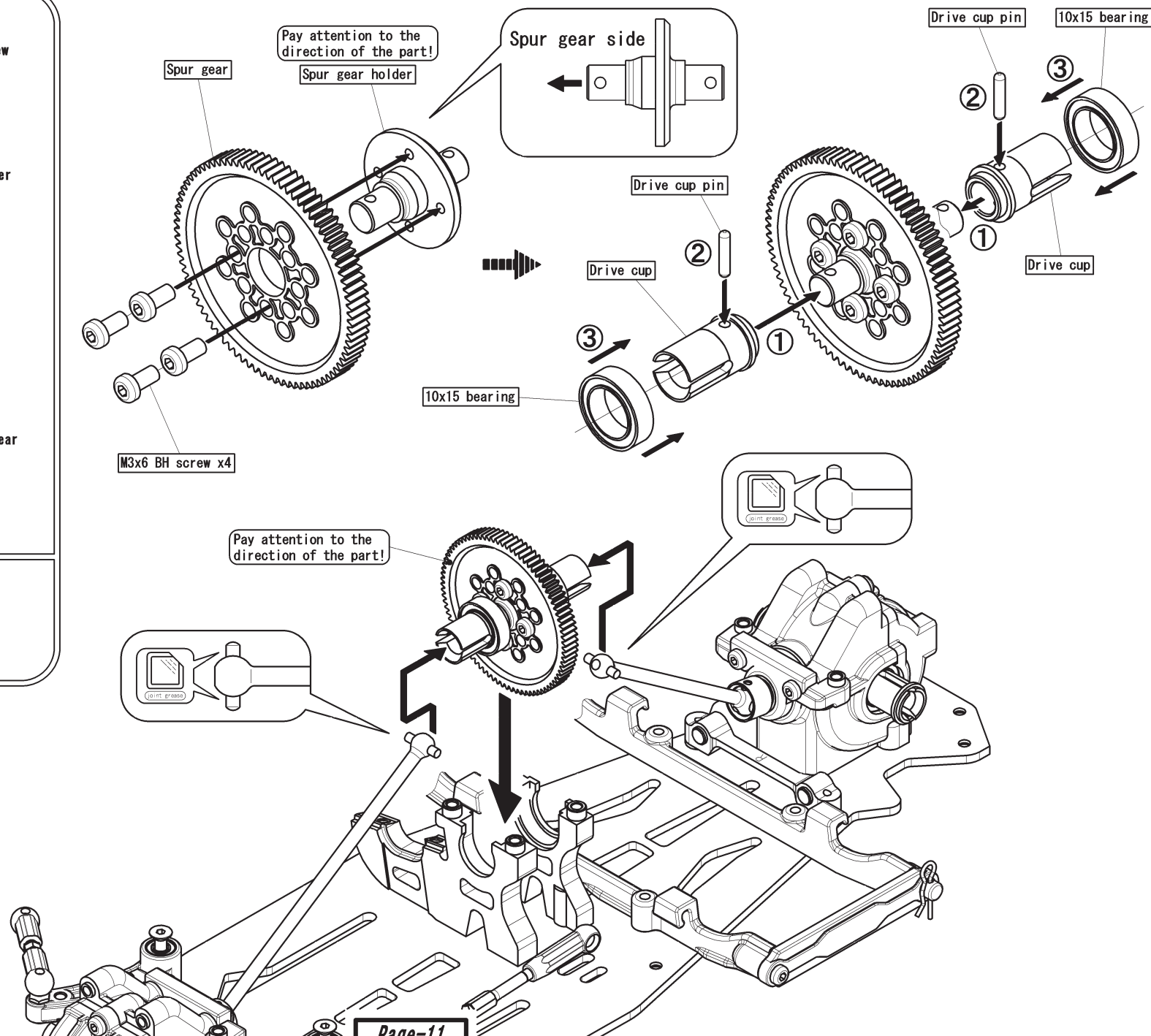
 --x2 Drive cup pin

 --x1 Spur gear holder

 --x2 Drive cup

 --x1 Spur gear

 --x2 10x15mm bearing



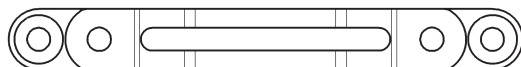
[Bag-7 Contents]

 --×1 3x8mm flat head screw

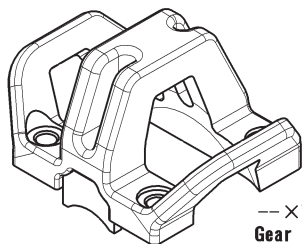
 --×4 3x7mm button head screw

 --×2 3x8mm button head screw

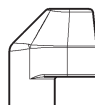
 --×4 3x10mm button head screw



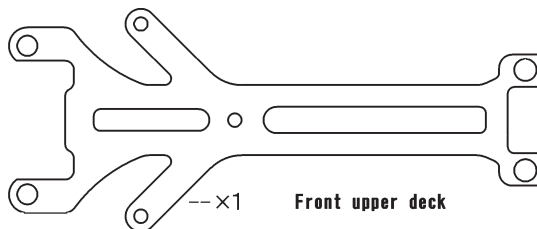
--×1 Bell crank base(upper)



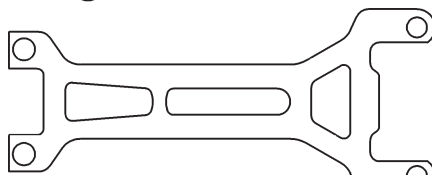
--×1
Gear cover



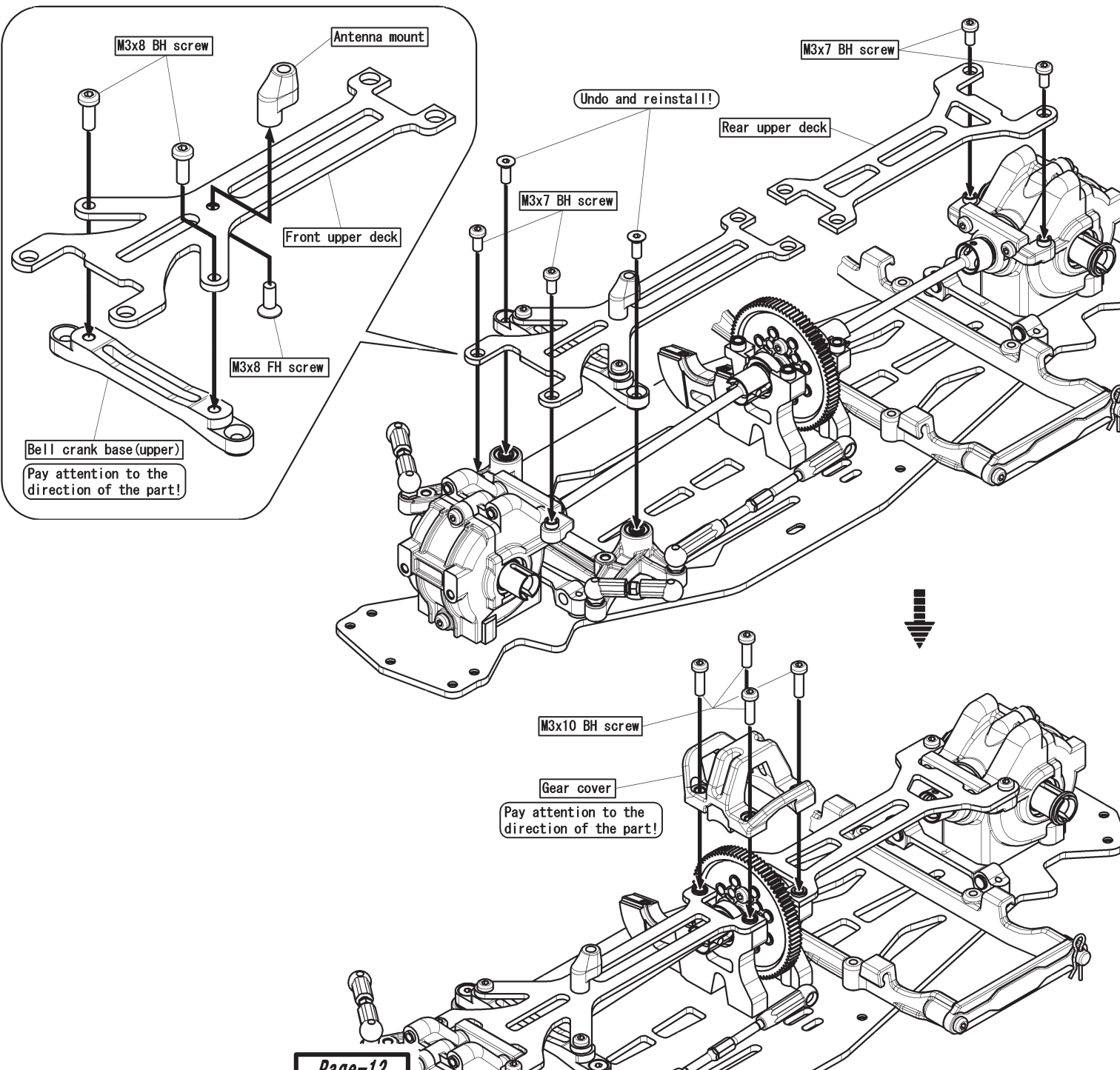
--×1 Antenna mount



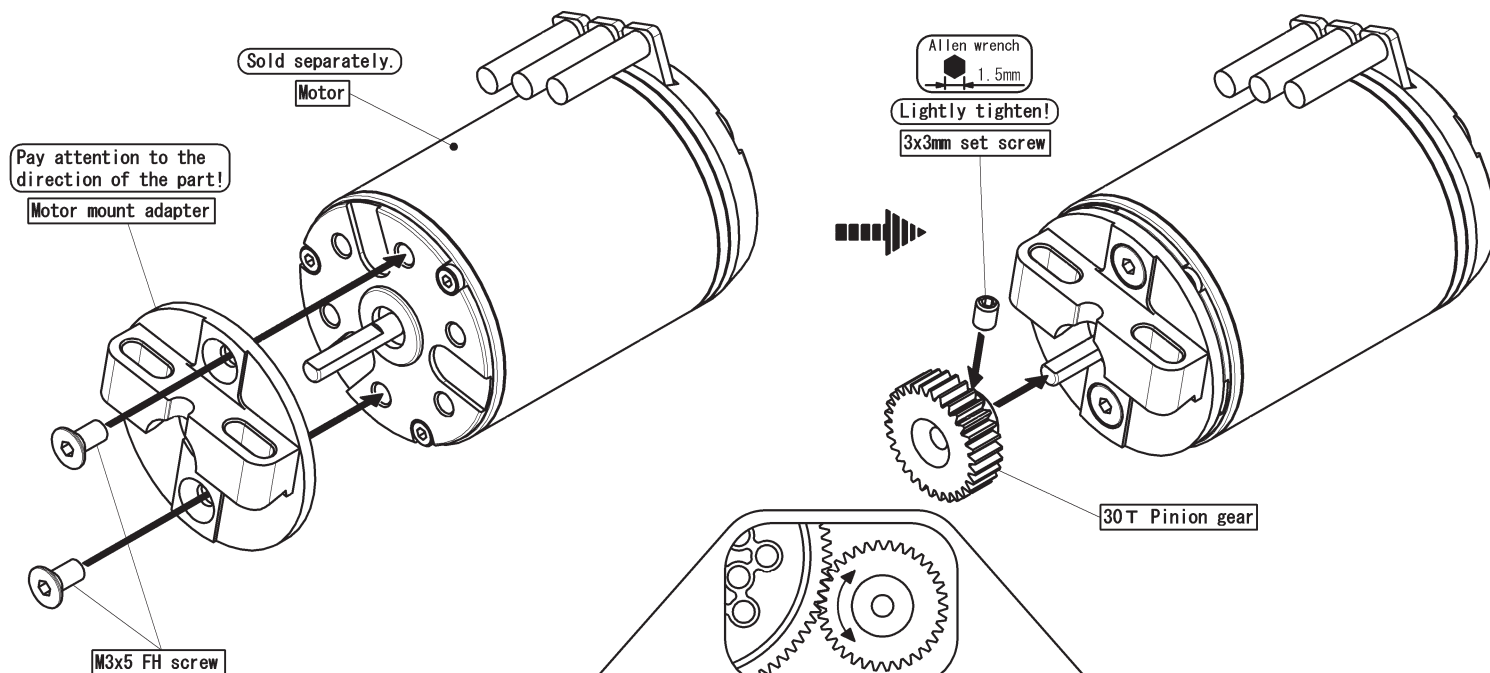
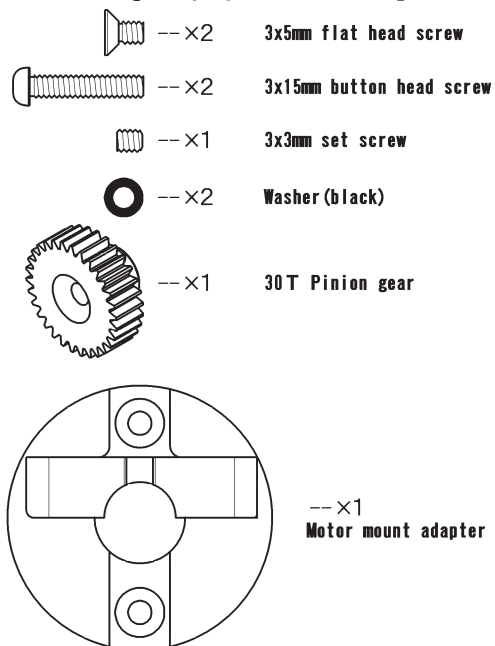
--×1 Front upper deck



--×1 Rear upper deck

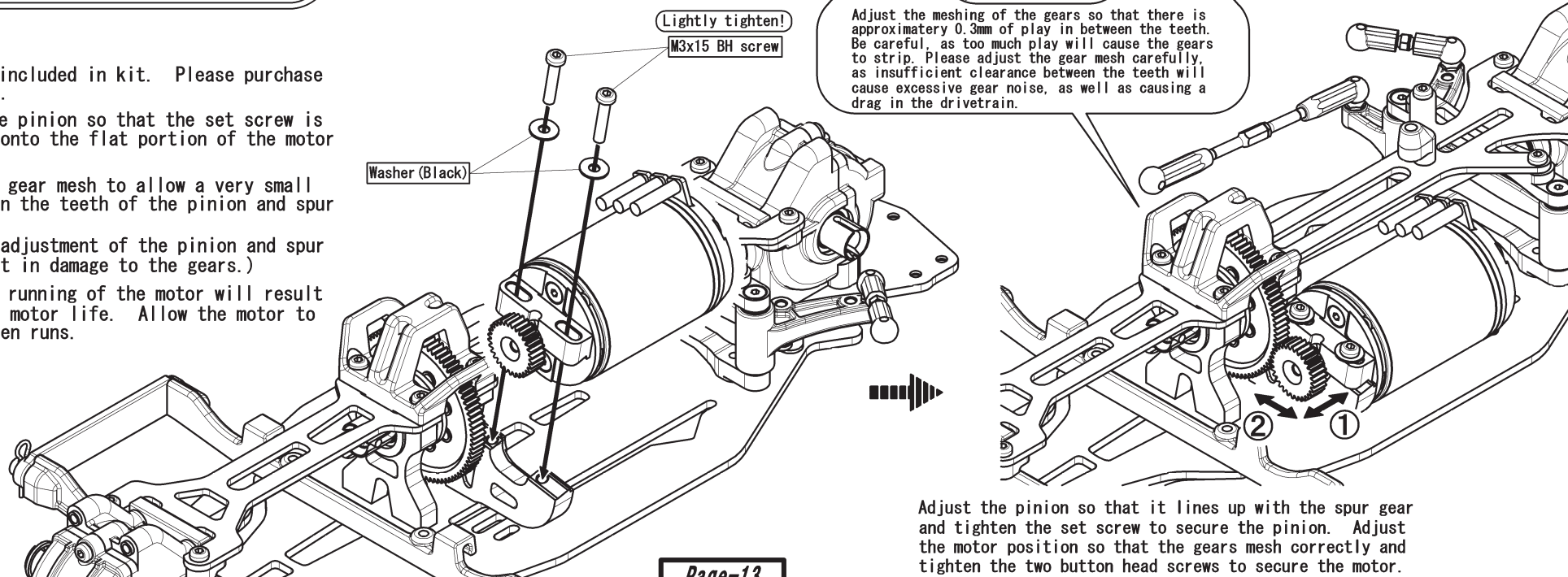


[Bag-8 Contents]



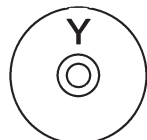
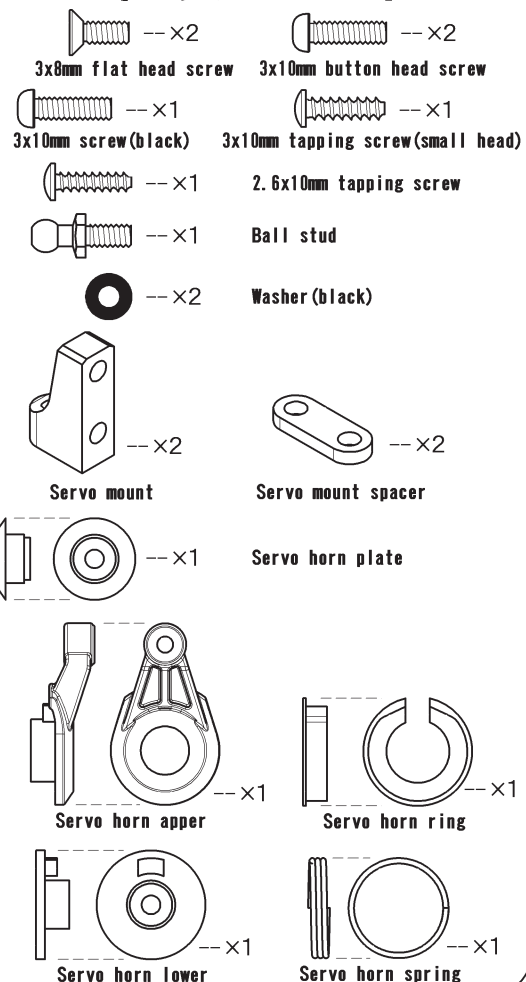
Important!

- ① Motor not included in kit. Please purchase separately.
- ② Install the pinion so that the set screw is tightened onto the flat portion of the motor shaft.
- ③ 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.)
- ④ Continuous running of the motor will result in shorter motor life. Allow the motor to cool between runs.



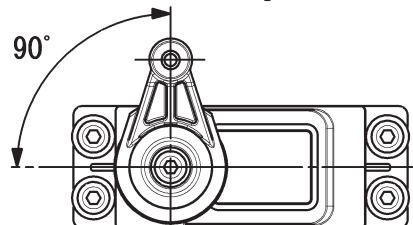
Adjust the pinion so that it lines up with the spur gear and tighten the set screw to secure the pinion. Adjust the motor position so that the gears mesh correctly and tighten the two button head screws to secure the motor.

[Bag-9 Contents]

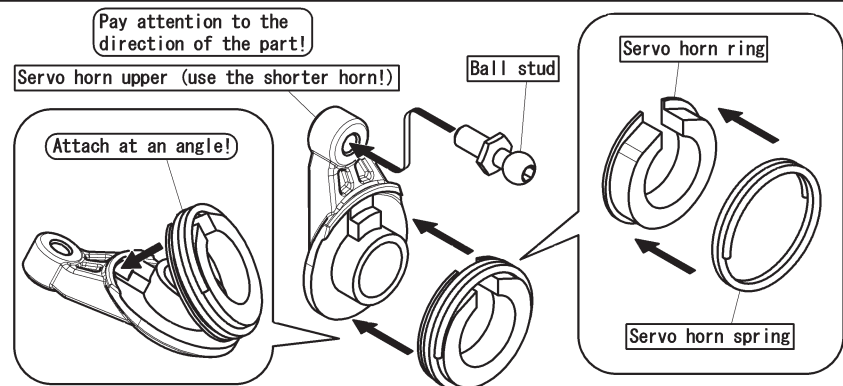


Mark	Manufacturer
Y	Yokomo S005
Y F	Yokomo S003, Futaba
J K S	JR, KO, Sanwa

The included servo horn lower are marked with a letter designating servo compatibility. Select the servo horn matching the servo being used.

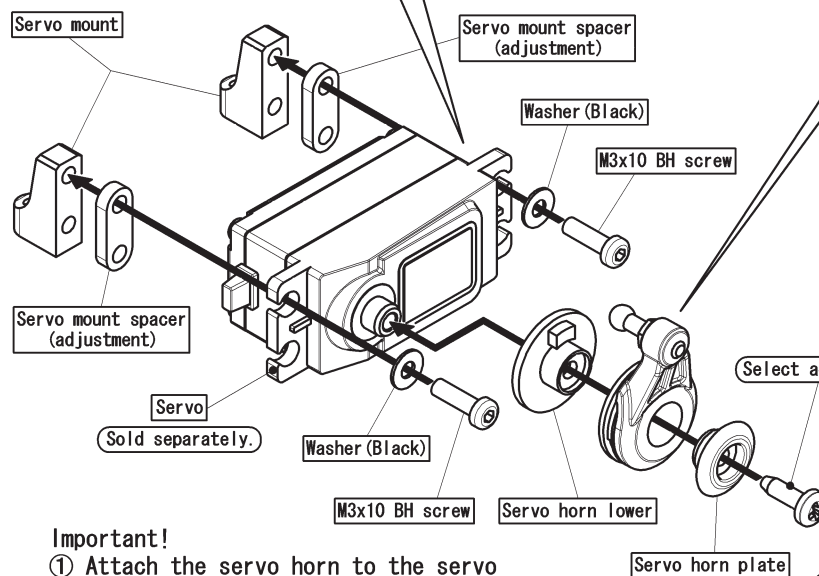


After the servo has been centered, attach the servo horn so that the hole on arm is 5mm off center (or about 1 notch).



2 servo horns are provided. Use the shorter servo horn. As shown in the illustration, attach the servo horn ring at an angle.

Make sure that the ends of the servo horn spring do not catch on the edges of the servo horn ring.

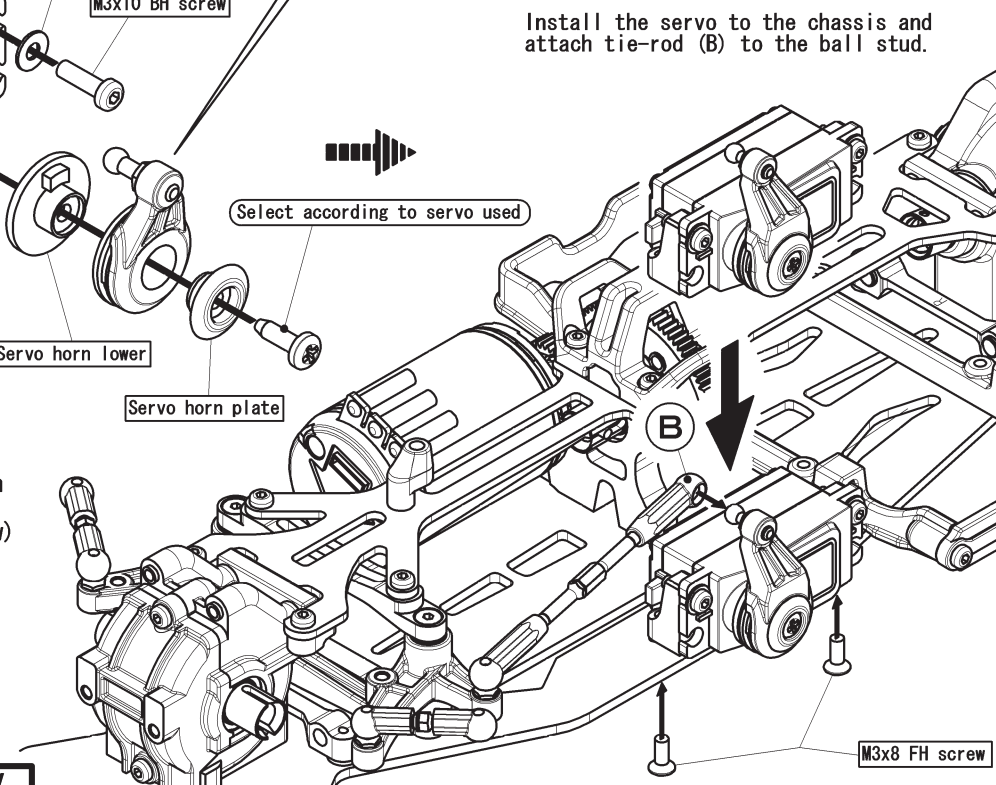


Important!

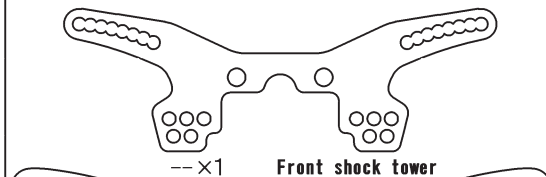
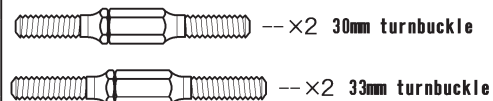
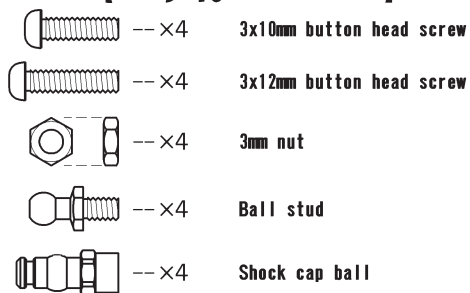
- ① Attach the servo horn to the servo using the same (or similar) screw included with the servo unit. (3 different screws are included in the kit: 2.6x10mm tapping screw, 3x10mm tapping screw, 3x10mm screw)

Important!

- 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.)

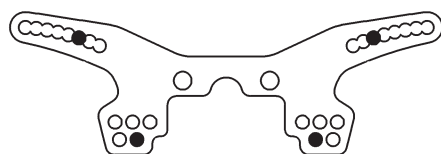
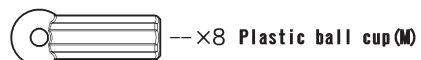


[Bag-10 Contents]

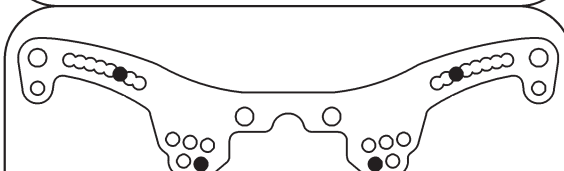


--x1 Rear shock tower

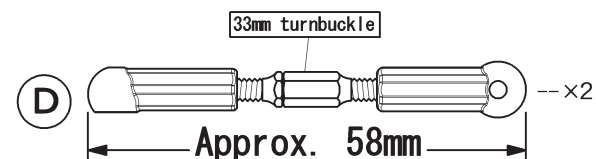
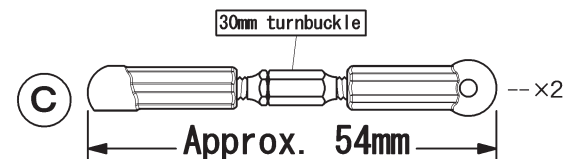
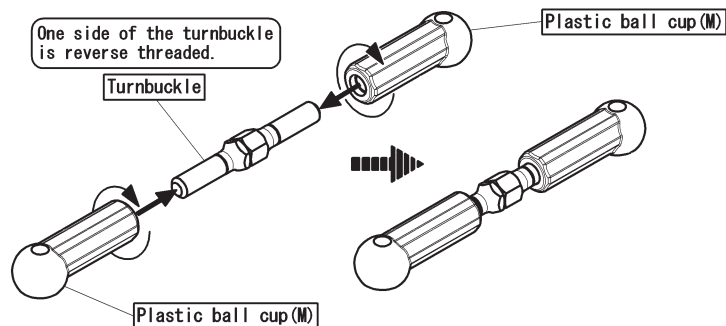
Remaining parts from [Bag-3 Contents]



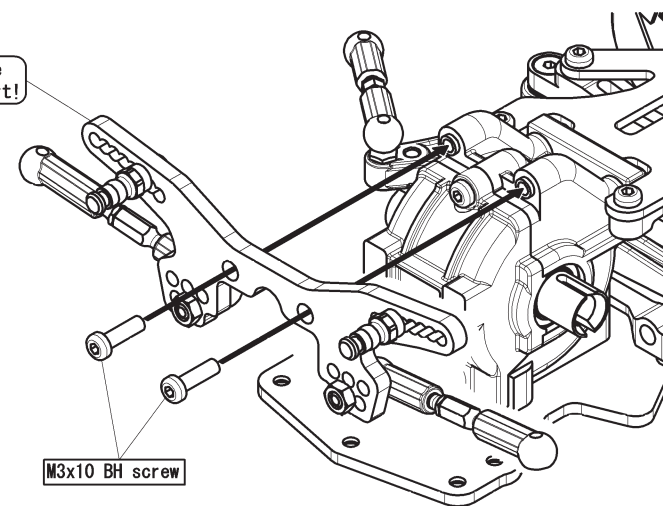
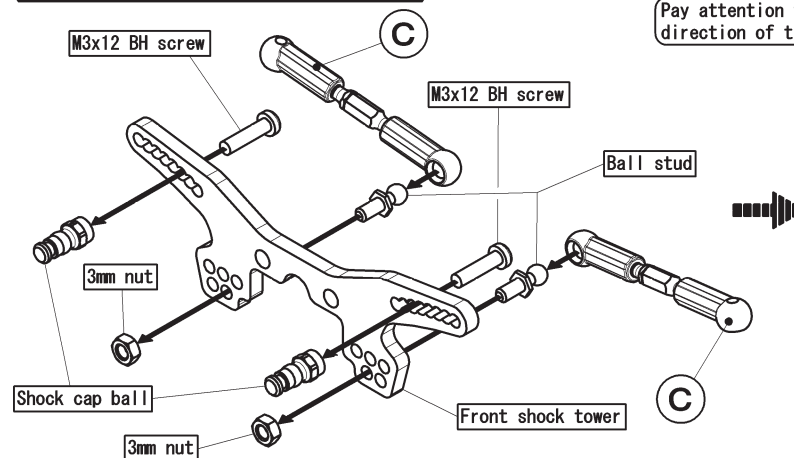
Use marked holes.



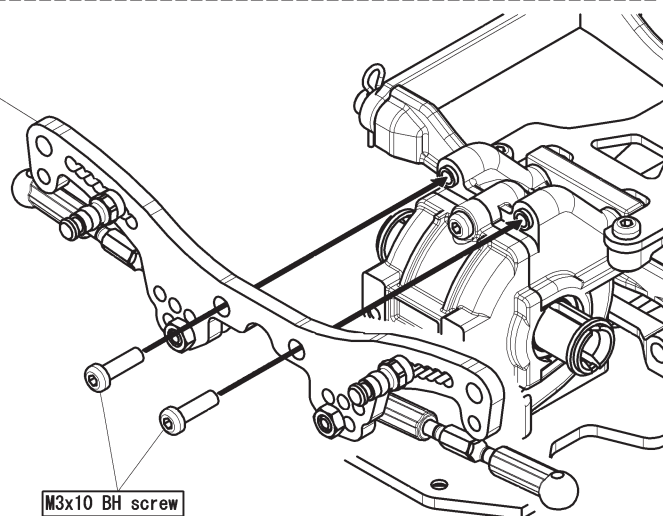
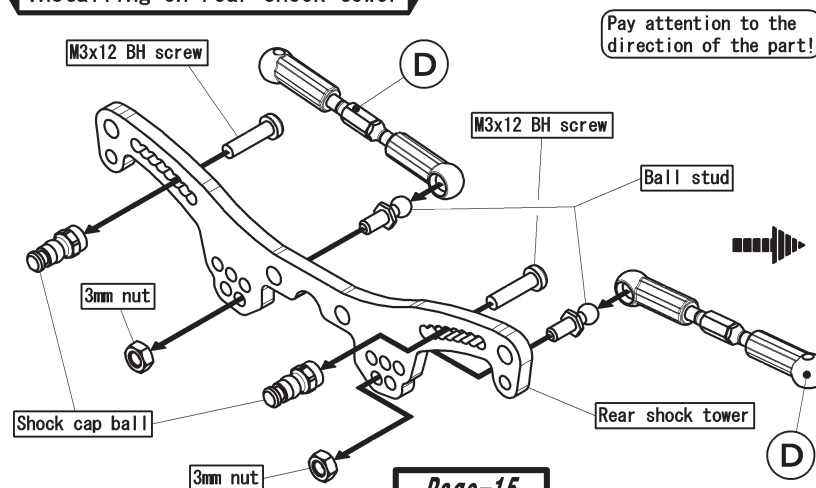
Use marked holes.



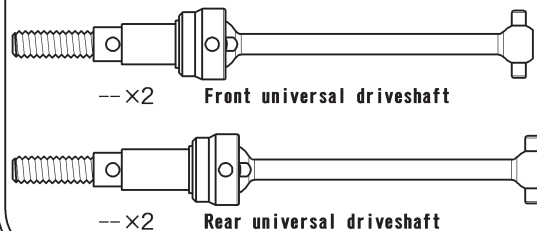
Installing on front shock tower



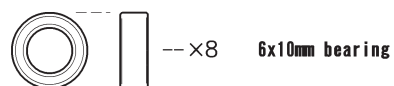
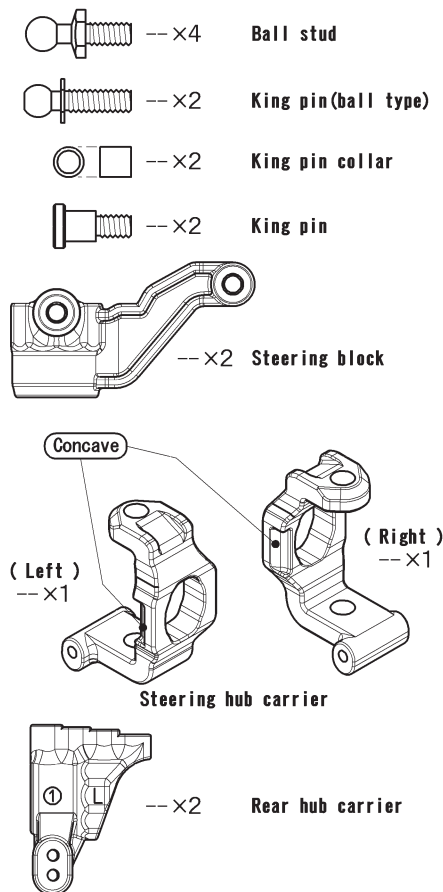
Installing on rear shock tower



[Bag-11 Contents]

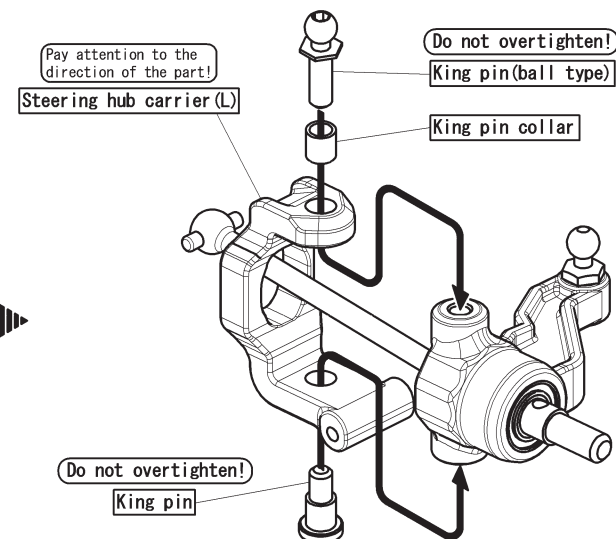
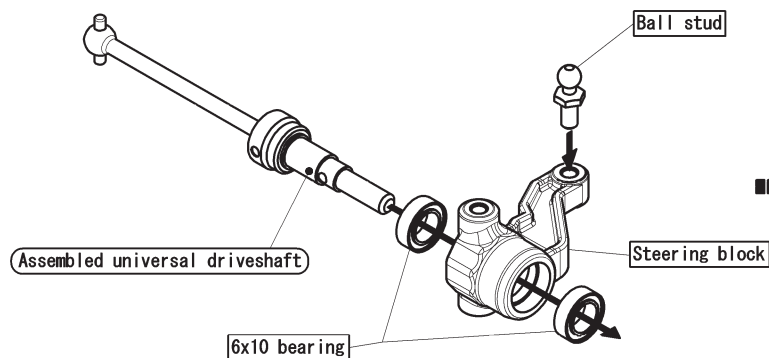


[Bag-12 Contents]



Front Hub Carrier Assembly

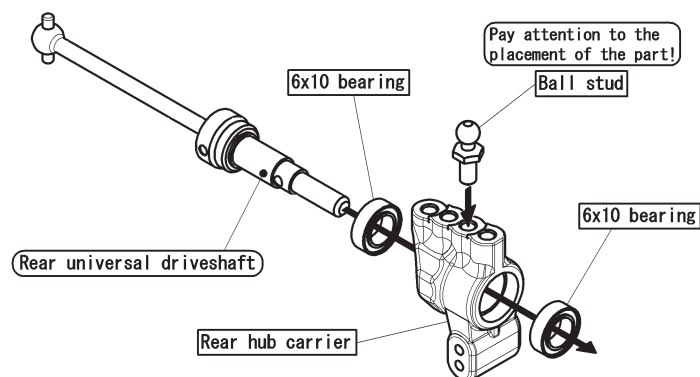
Assemble 2 sets.
(The steering hub carriers are different left and right.)



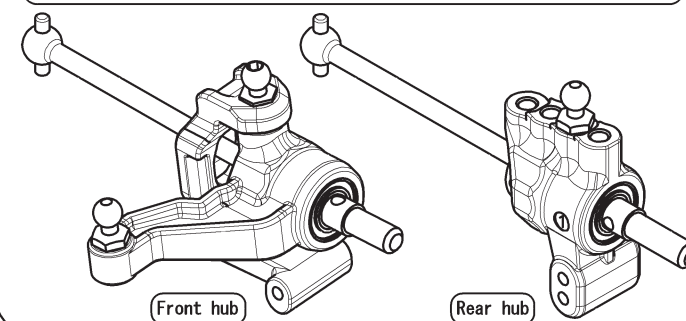
Important! ① The left and right steering hub carriers are different.
② The illustration of a figure is left-hand side.

Rear Hub Carrier Assembly

Assemble 2 sets.

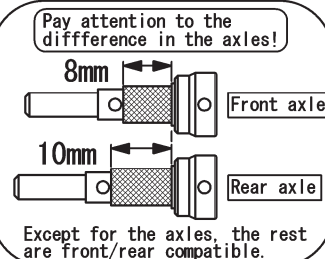
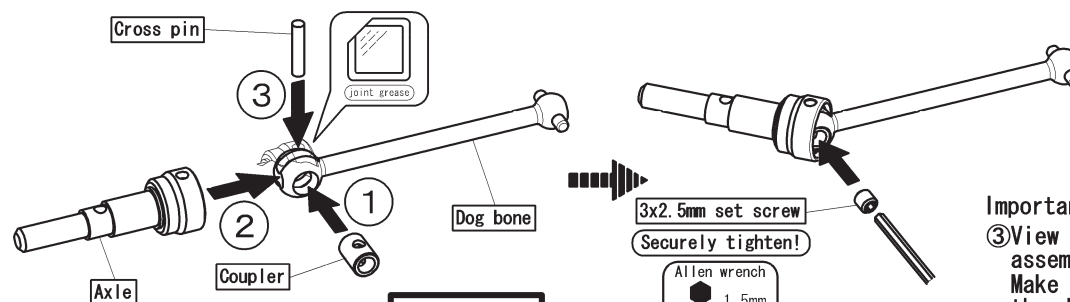


[Assemble each side in the same manner.]



Universal Driveshaft Assembly

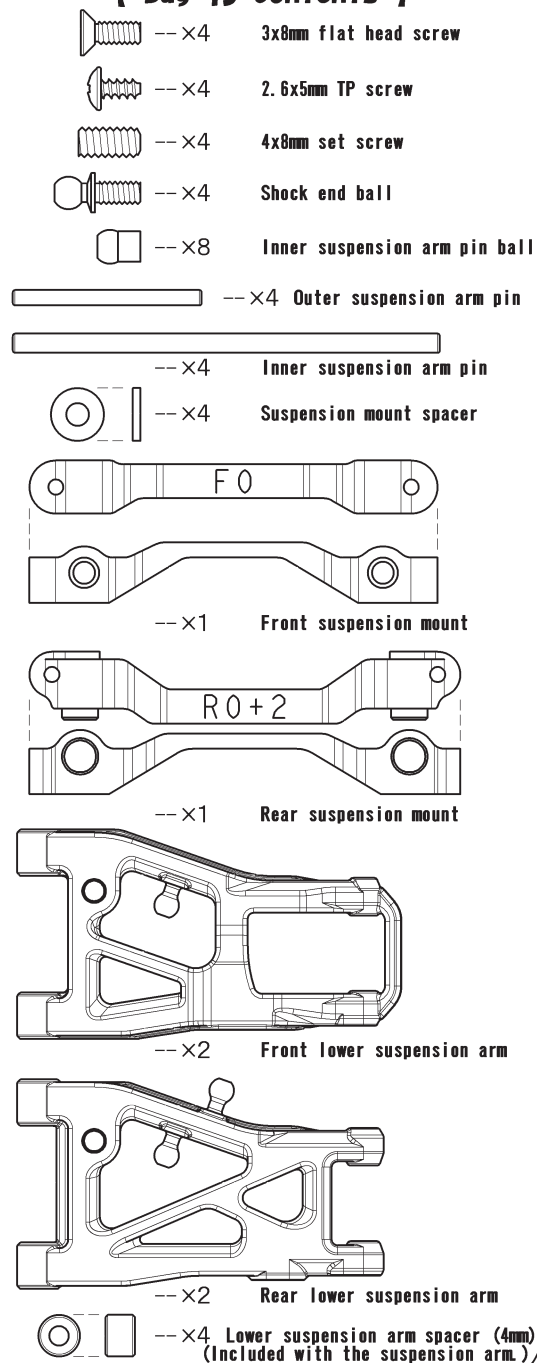
(Perform when maintenance is required.)



Important!

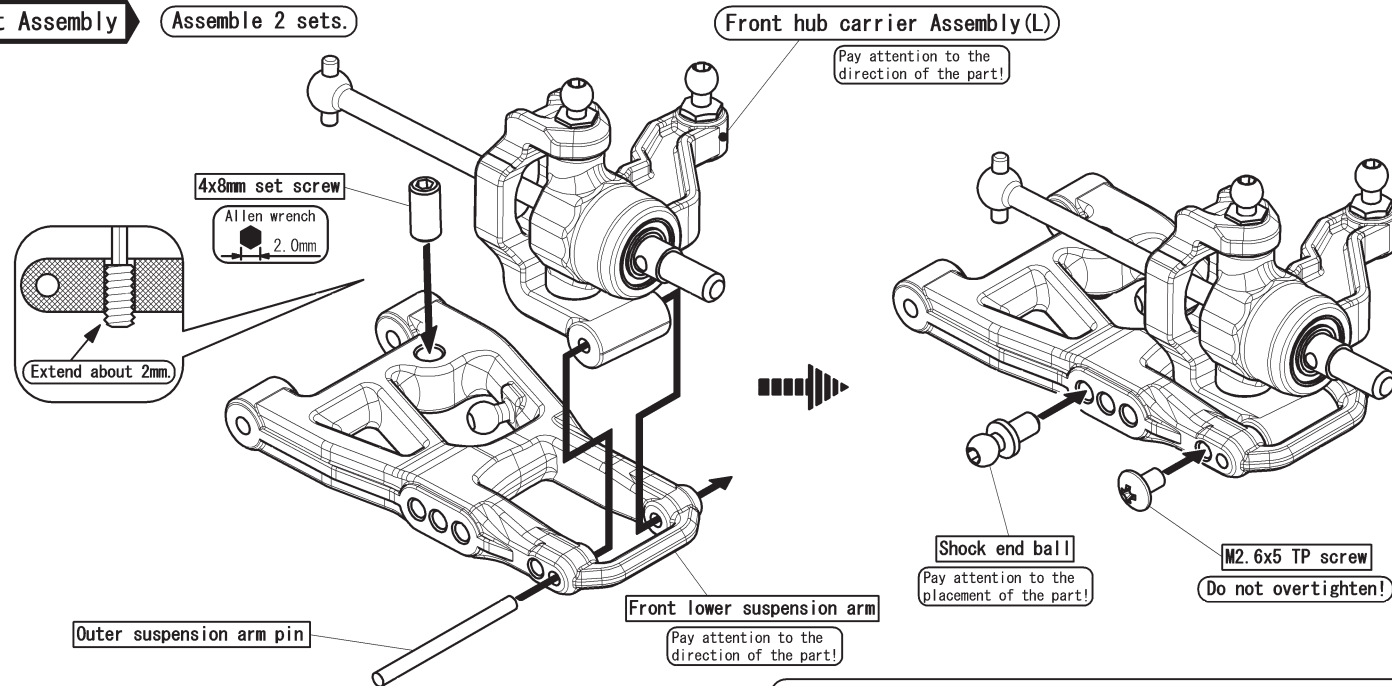
③ View the illustration on the left when assembling the universal drive shafts. Make sure to apply black grease. Follow the directions in reverse for disassembly.

[Bag-13 Contents]



Front Assembly

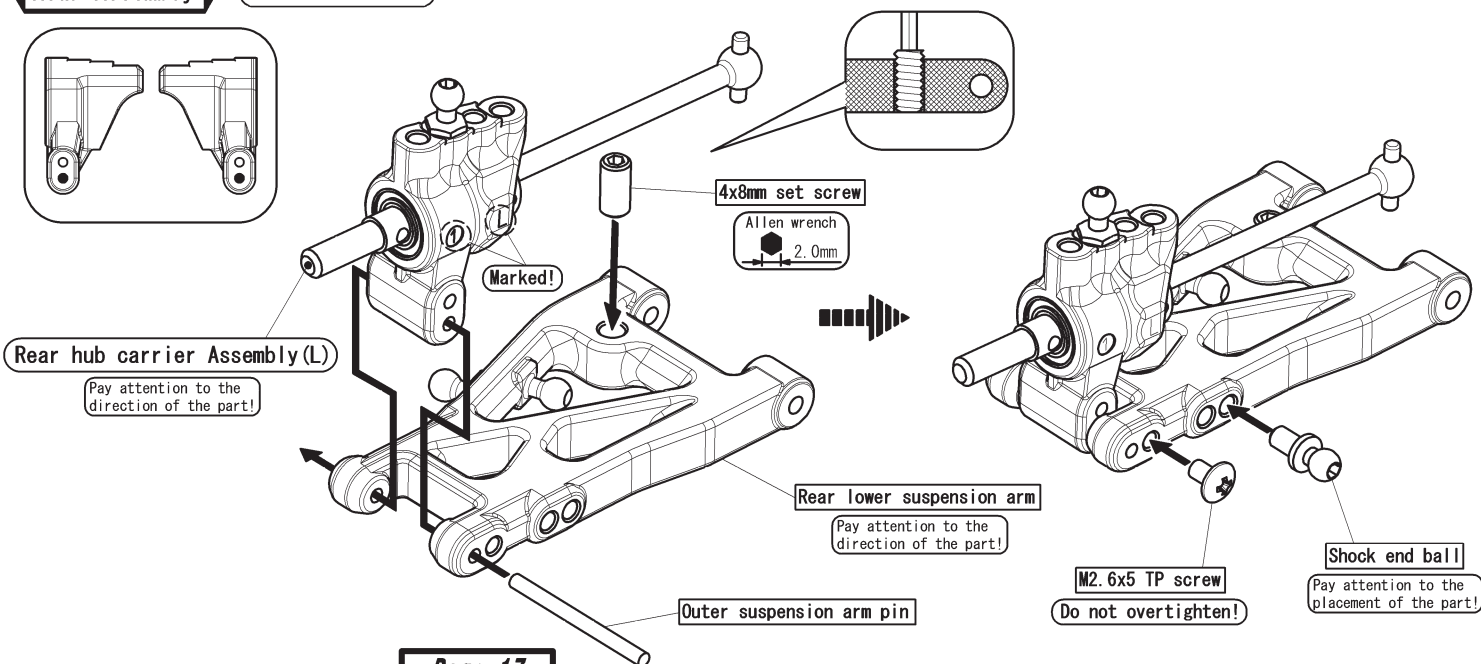
Assemble 2 sets.



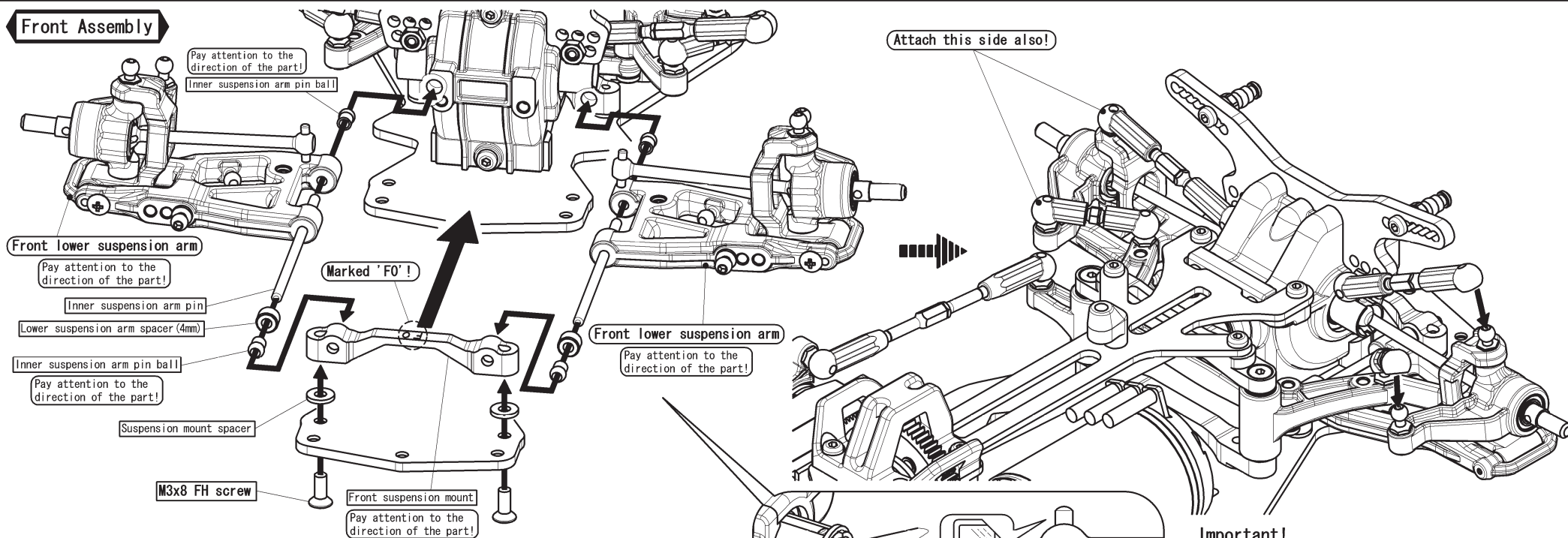
[Assemble each side in the same manner.]

Rear Assembly

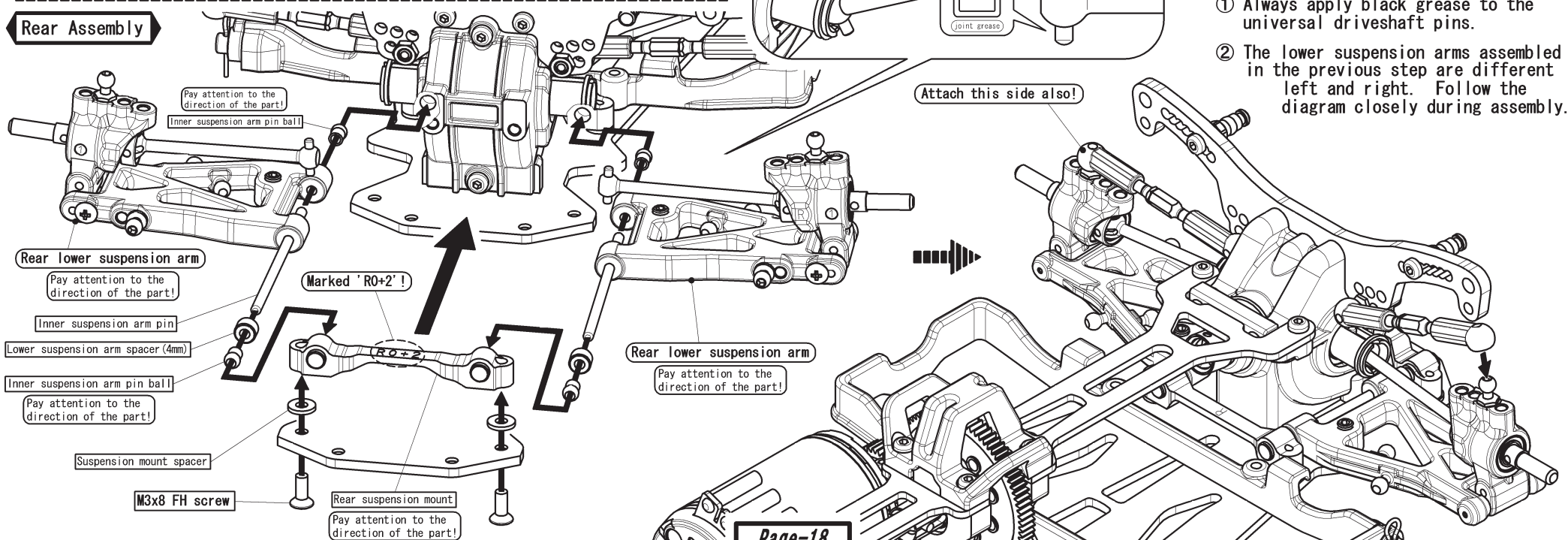
Assemble 2 sets.



Front Assembly



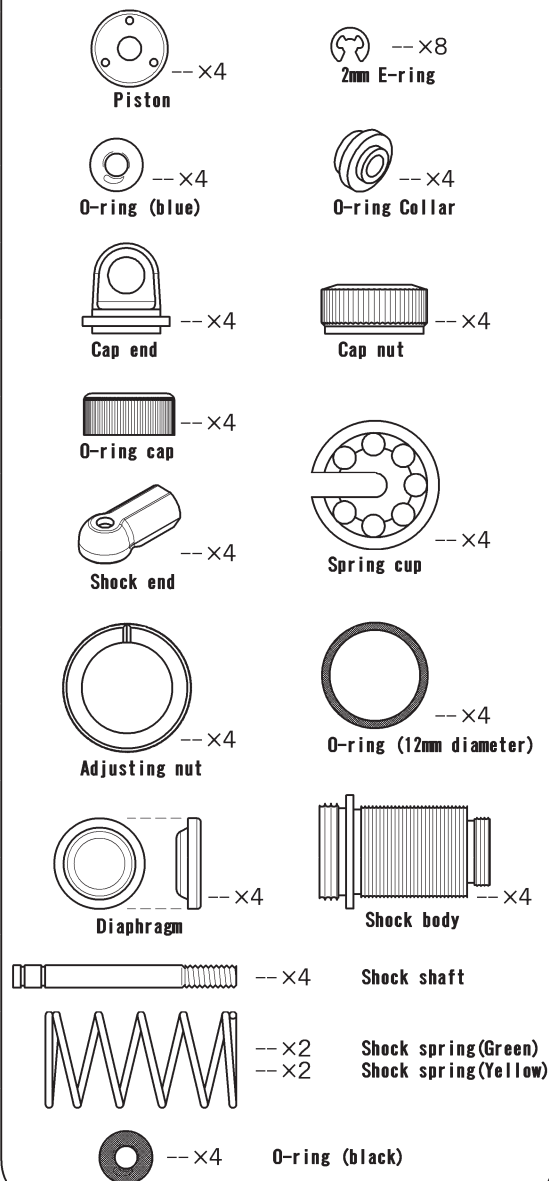
Rear Assembly



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.

[Bag-14 Contents]

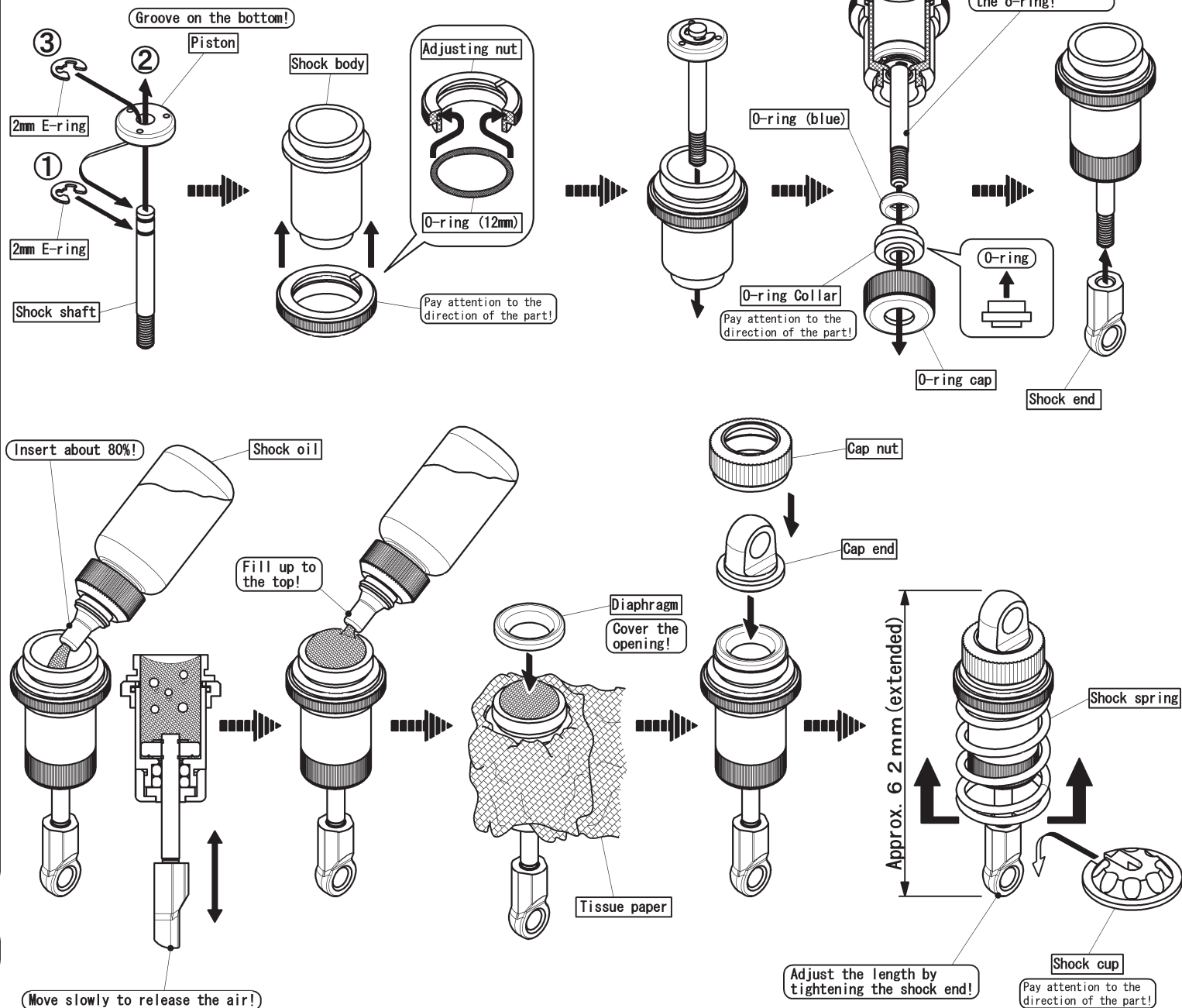


[Oil Bag]

#250 & #350 shock oil --x1

Shock oil and spring combination Assemble 4 shocks

Front—#350 shock oil & Shock spring (Green)
Rear—#250 shock oil & Shock spring (Yellow)



Front Assembly (Green)

O-ring (black)

O-ring (black)

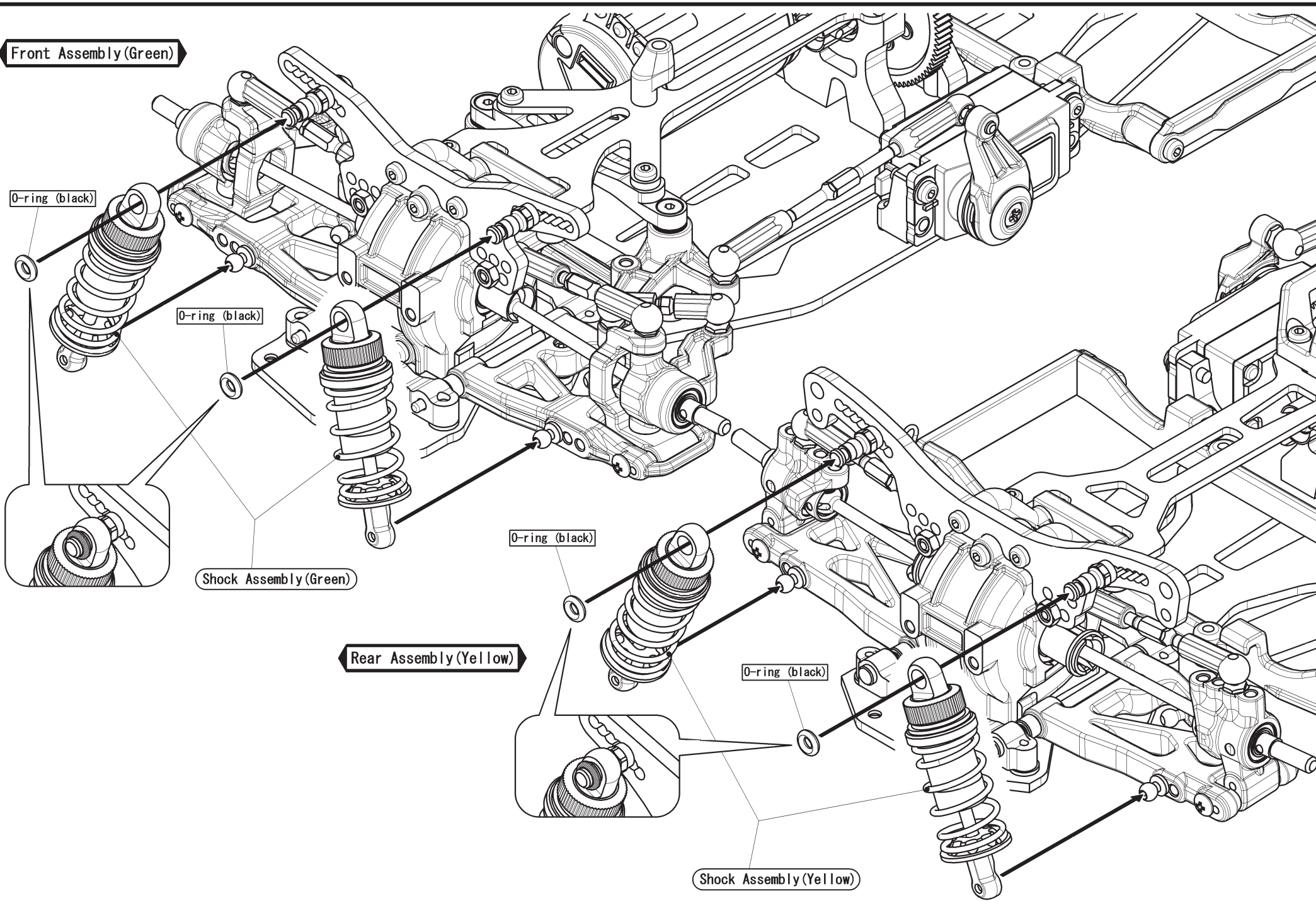
Shock Assembly (Green)

Rear Assembly (Yellow)

O-ring (black)

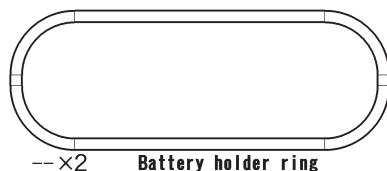
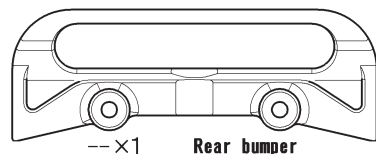
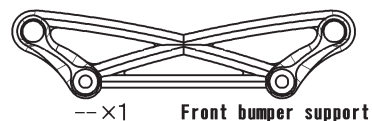
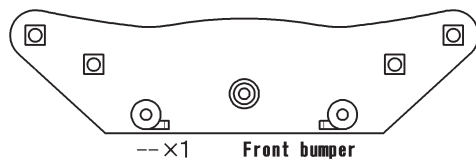
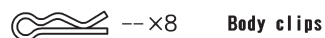
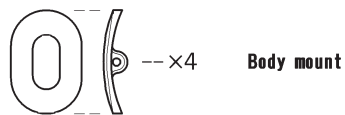
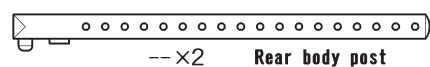
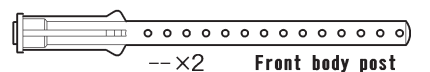
O-ring (black)

Shock Assembly (Yellow)

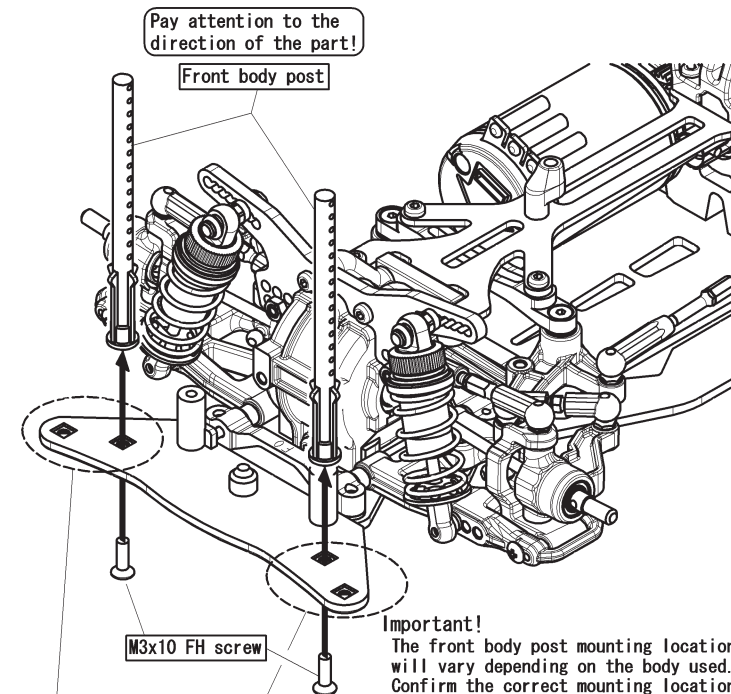
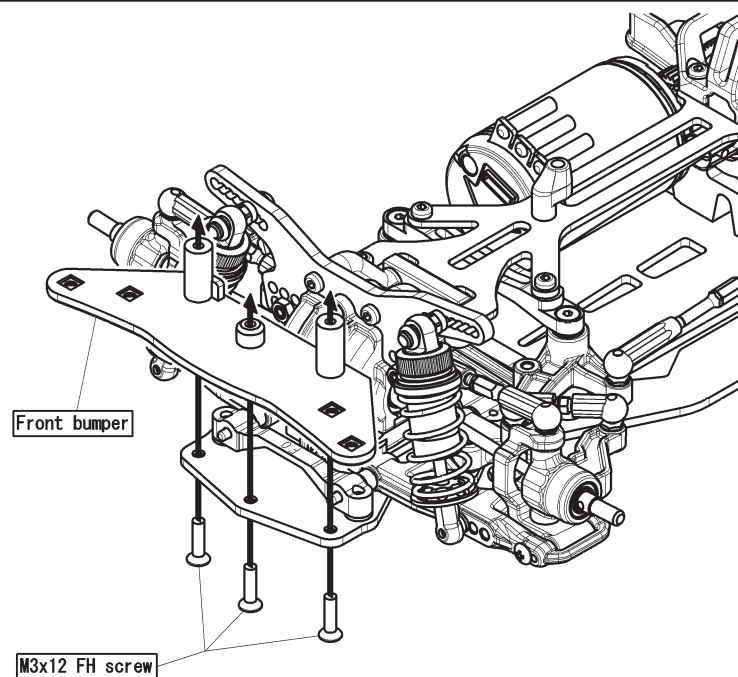


[Bag-15 Contents]

-  --x4 3x10mm flat head screw
-  --x3 3x12mm flat head screw
-  --x2 3x18mm flat head screw
-  --x2 3x8mm button head screw



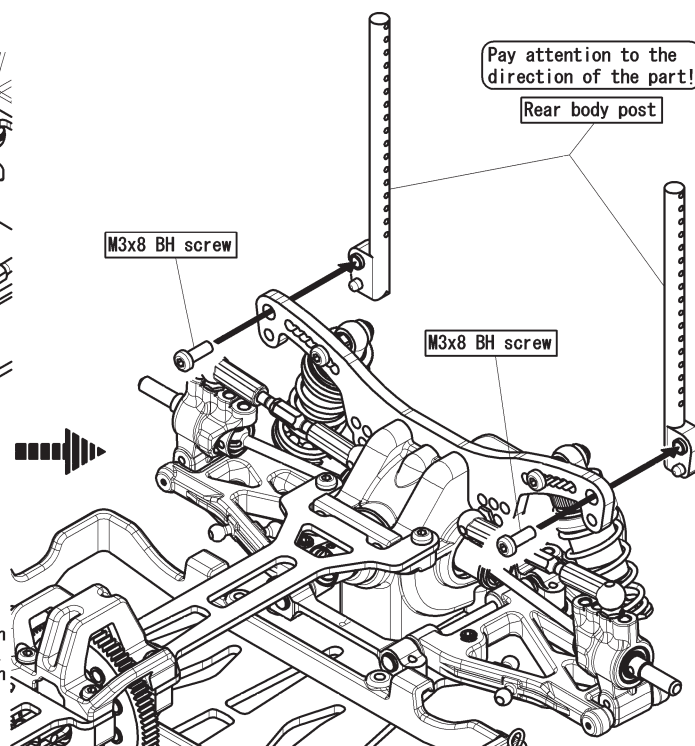
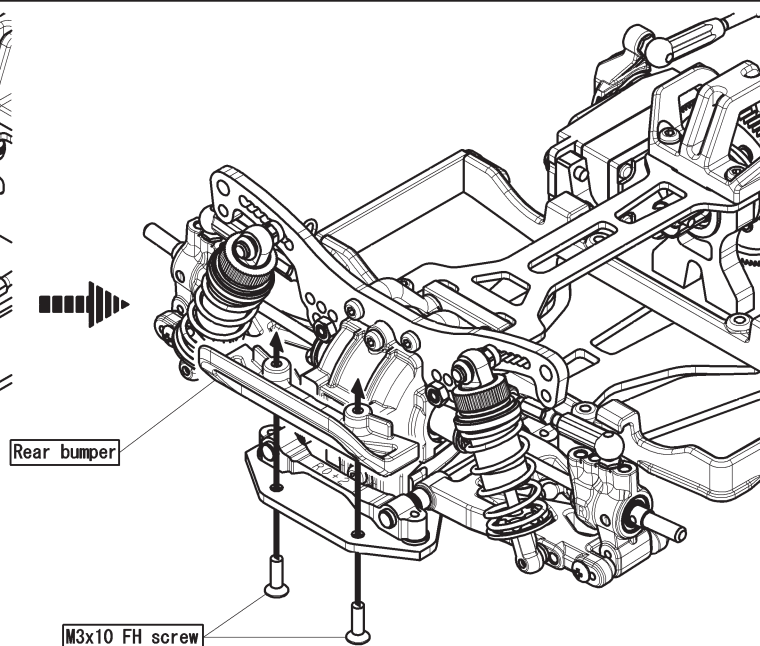
Also included: double-sided tape x1,
nylon band x2.

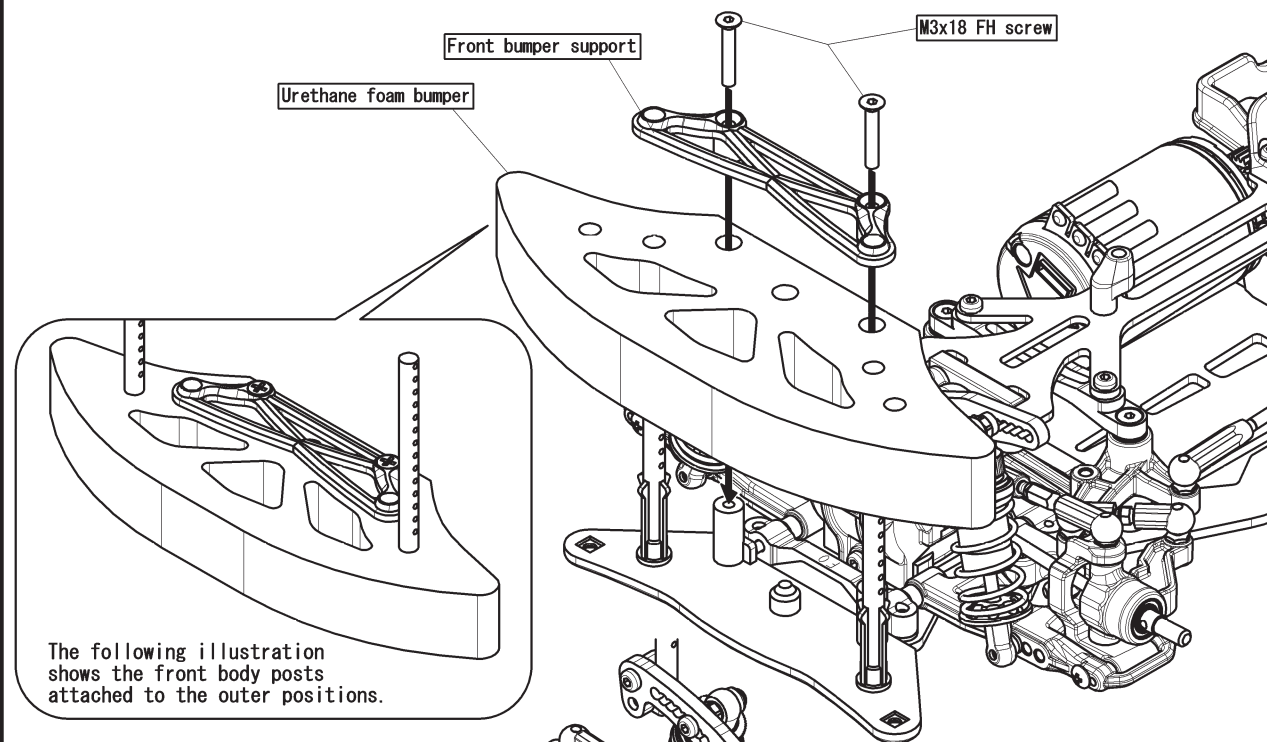


Pay attention to the placement of the part!

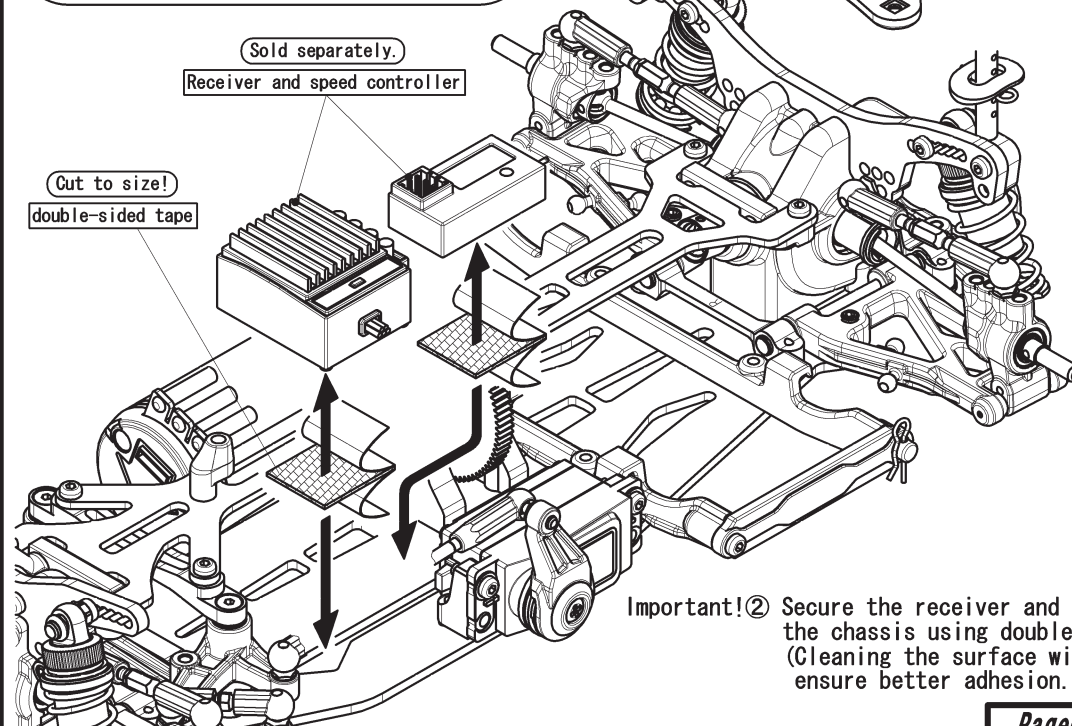
Important!

The front body post mounting location will vary depending on the body used. Confirm the correct mounting location by reading the instruction manual included with the body.

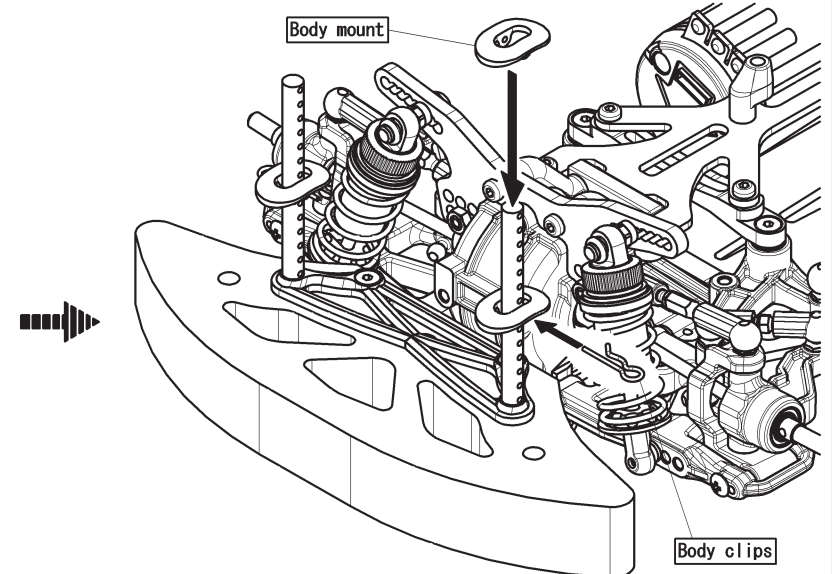




The following illustration shows the front body posts attached to the outer positions.

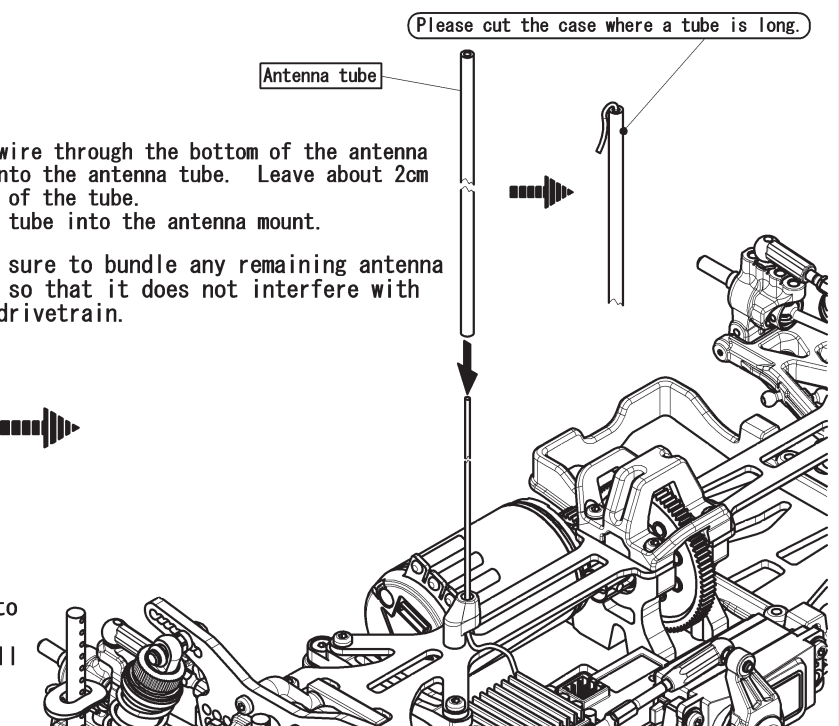


Important!② Secure the receiver and speed controller to the chassis using double-sided tape. (Cleaning the surface with motor spray will ensure better adhesion.)



Slide the body mounts onto the body posts to the desired position. Line up the hole on the body mount and body post, and insert a body clip to secure. (Repeat for all body posts.)

Important!① Adjust the position of the body mount according to the body used.

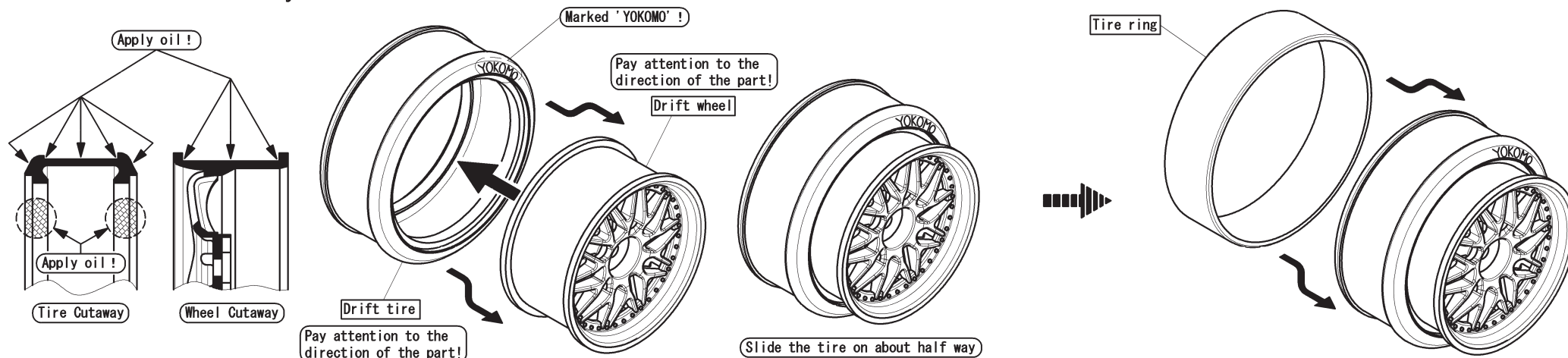


Slide the antenna wire through the bottom of the antenna mount and insert into the antenna tube. Leave about 2cm of wire at the top of the tube. Insert the antenna tube into the antenna mount.

Important!③ Make sure to bundle any remaining antenna wire so that it does not interfere with the drivetrain.

Drift tire Assembly

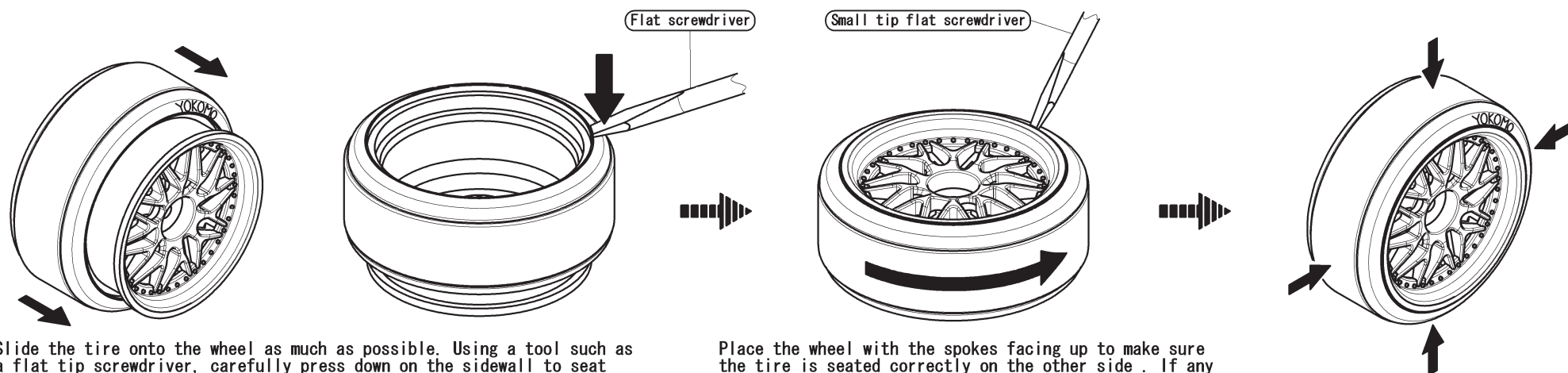
Important!—Wheel and Tires not included in kit. Please purchase separately.



Spray an oil lubricant (or any household oil such as vegetable oil) on to a piece of tissue paper. As shown in the above left illustration, wipe the entire tire (tread, sidewall, inside rib) with oil, as well as the wheel. Making sure that the wheel spokes and tire logo are facing the correct direction, slide the tire on about half way as shown. If the tire is difficult to mount, soften the tire by placing it in hot water prior to mounting.

Install the tire ring so that it fits neatly into the groove. (A partially installed tire ring may cause the final mounting steps to be more difficult.)

- Important! ①The drift tires are directional. As shown in the center illustration, always make sure that the 'YOKOMO' logo faces outward, in the same direction as the wheel spokes.
 ②When removing the wheel from the parts tree, make sure to remove any burrs using a cutter.
 ③To avoid burns, please use extra caution when handling items in hot water.
 ④Gently work each wheel, as rushing the assembly process by forcing the parts to fit may cause accidents.

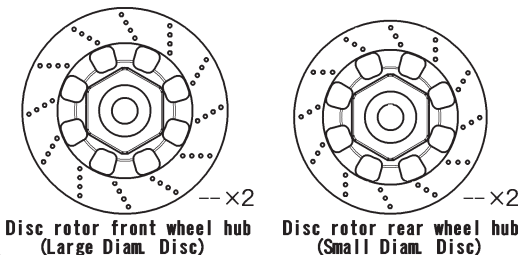


Slide the tire onto the wheel as much as possible. Using a tool such as a flat tip screwdriver, carefully press down on the sidewall to seat the tire onto the wheel. correctly mounted, the sidewall of the tire and edge of the wheel should be flush. massage the tire to remove any gaps or areas where the tire is not well seated onto the wheel.

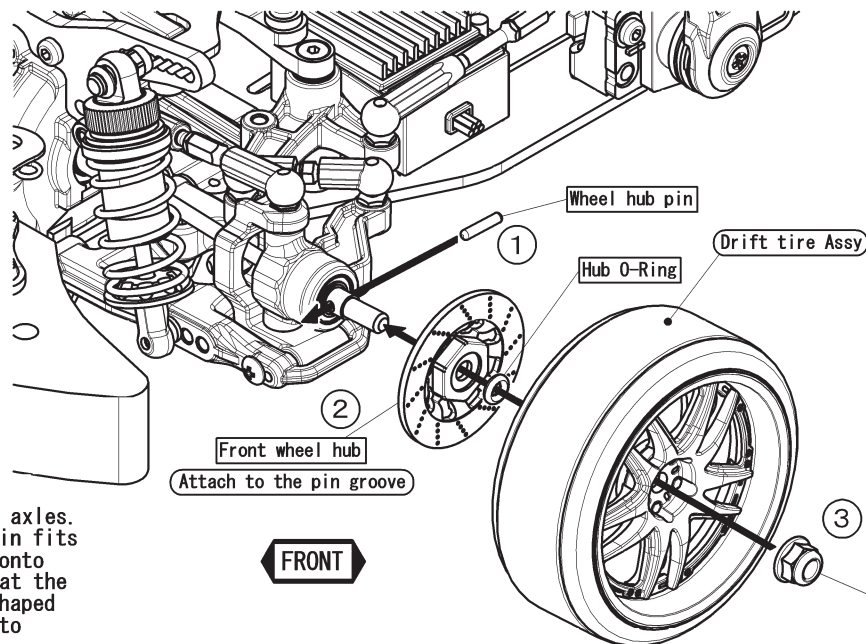
Place the wheel with the spokes facing up to make sure the tire is seated correctly on the other side . If any areas exist where the tire is not well seated, use a small flat tip screwdriver and carefully pull out any tire edges that may be rolled in. Work carefully and slowly, making sure that the tip of the screwdriver does not mar the chrome finish of the wheel.

Massage the entire tire, making sure that the ring, tire and wheel are well seated.

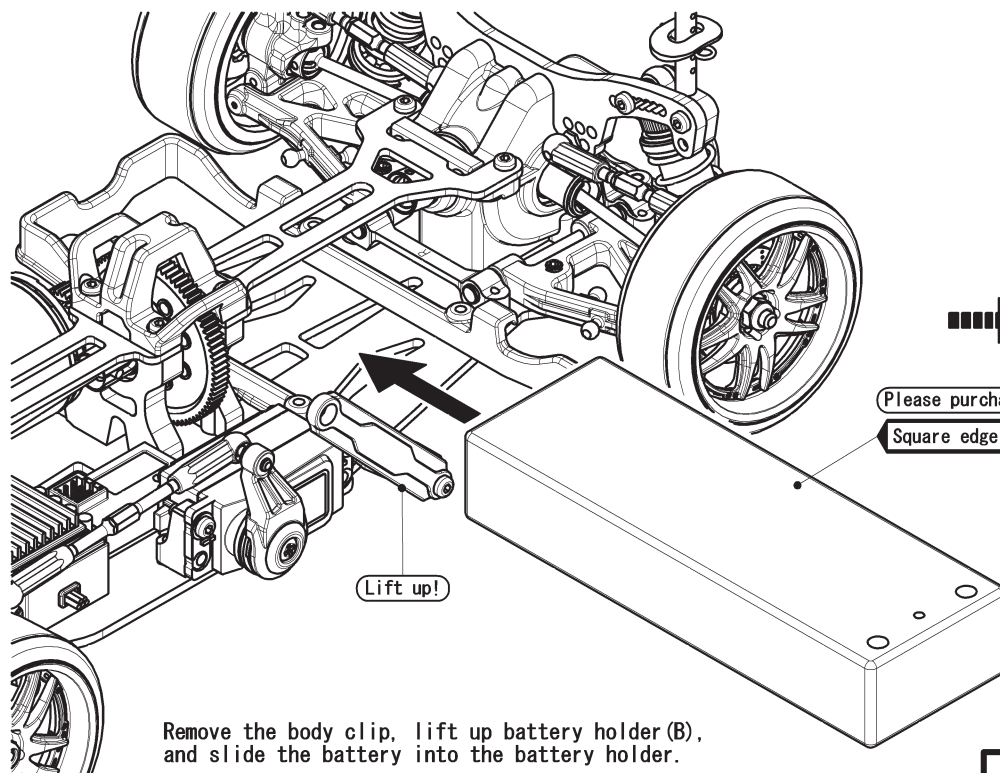
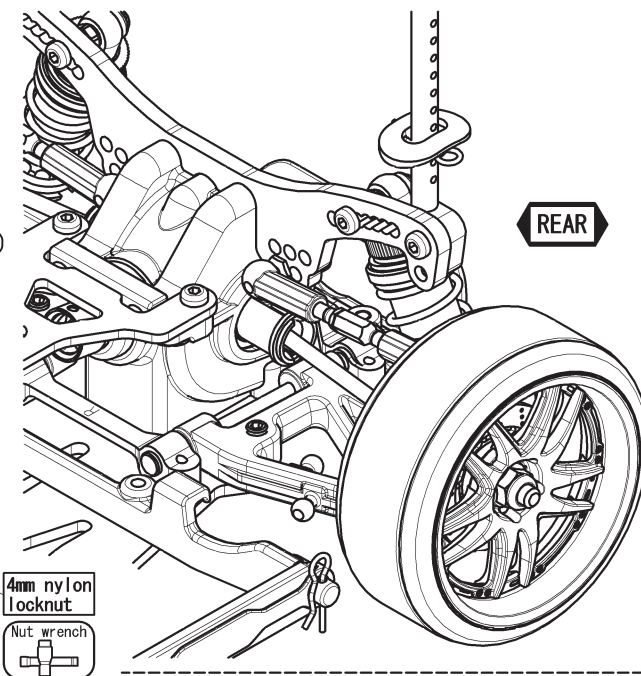
[Bag-16 Contents]



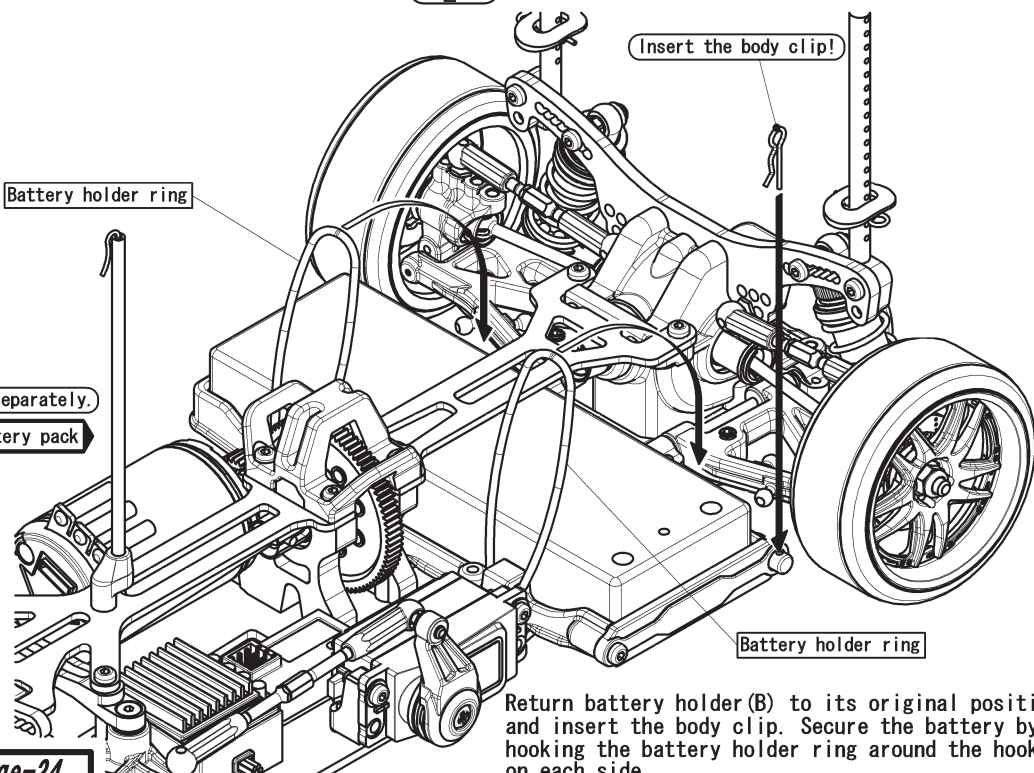
Insert the wheel hub pin into both front and rear axles. Attach the wheel hub onto the axles so that the pin fits into the groove in the hub. Slide the hub o-ring onto the axle, followed by the wheel hub. Make sure that the hex shaped portion of the hub keys into the hex shaped opening on the wheel. Use the 4mm nylon locknuts to secure the wheels.



FRONT

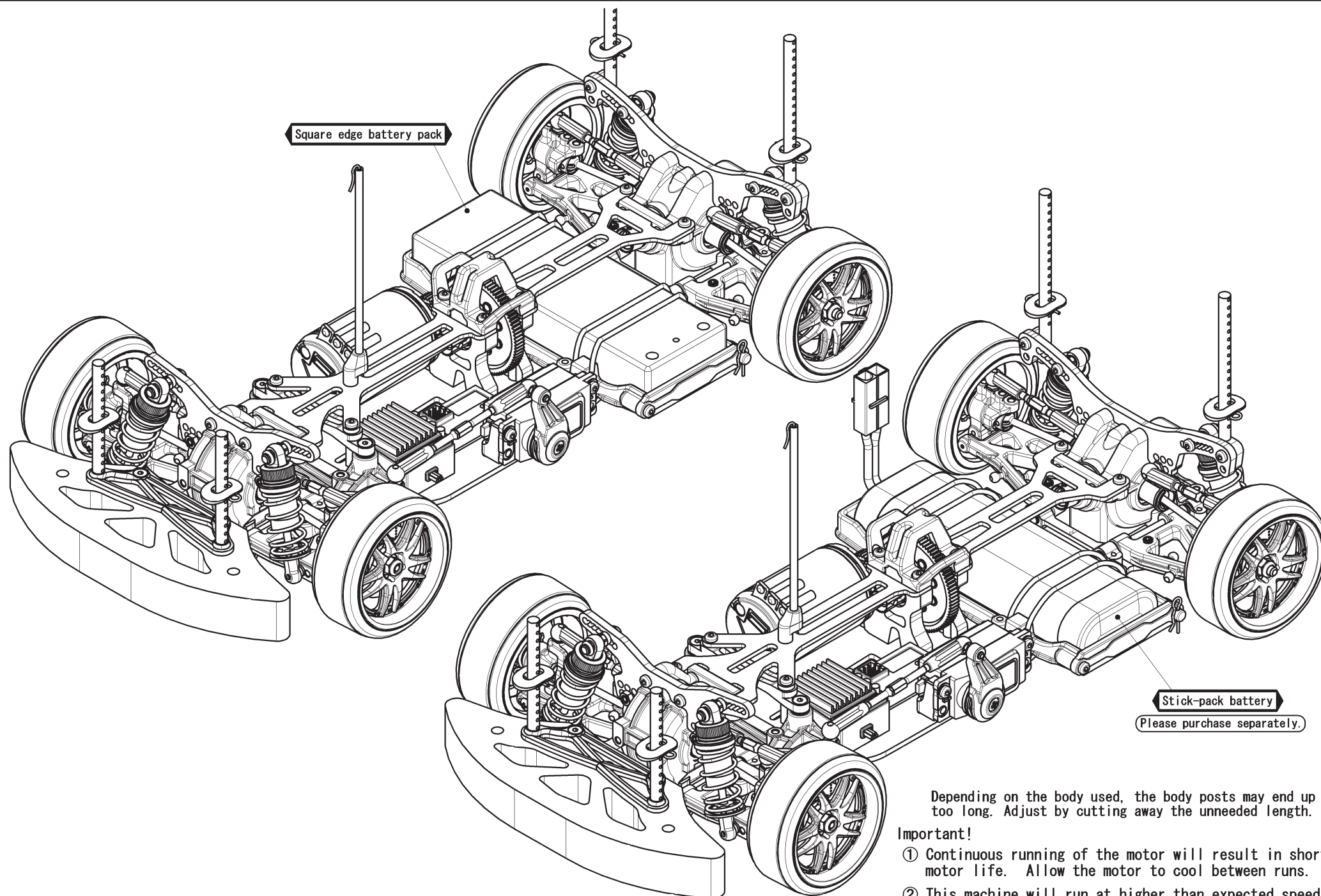


Please purchase separately.
Square edge battery pack



Remove the body clip, lift up battery holder (B), and slide the battery into the battery holder.

Return battery holder (B) to its original position, and insert the body clip. Secure the battery by hooking the battery holder ring around the hooks on each side.



Square edge battery pack

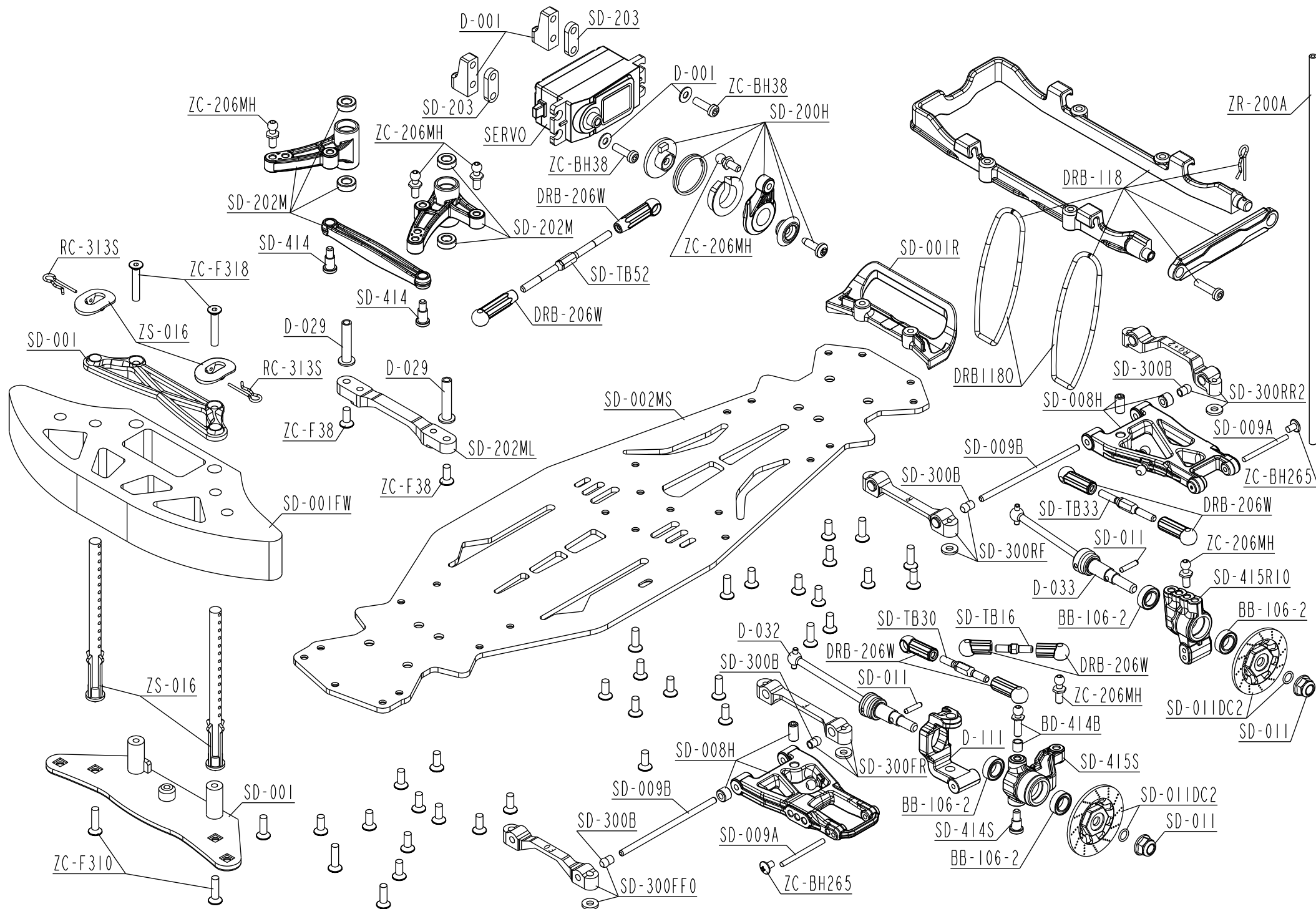
Stick-pack battery

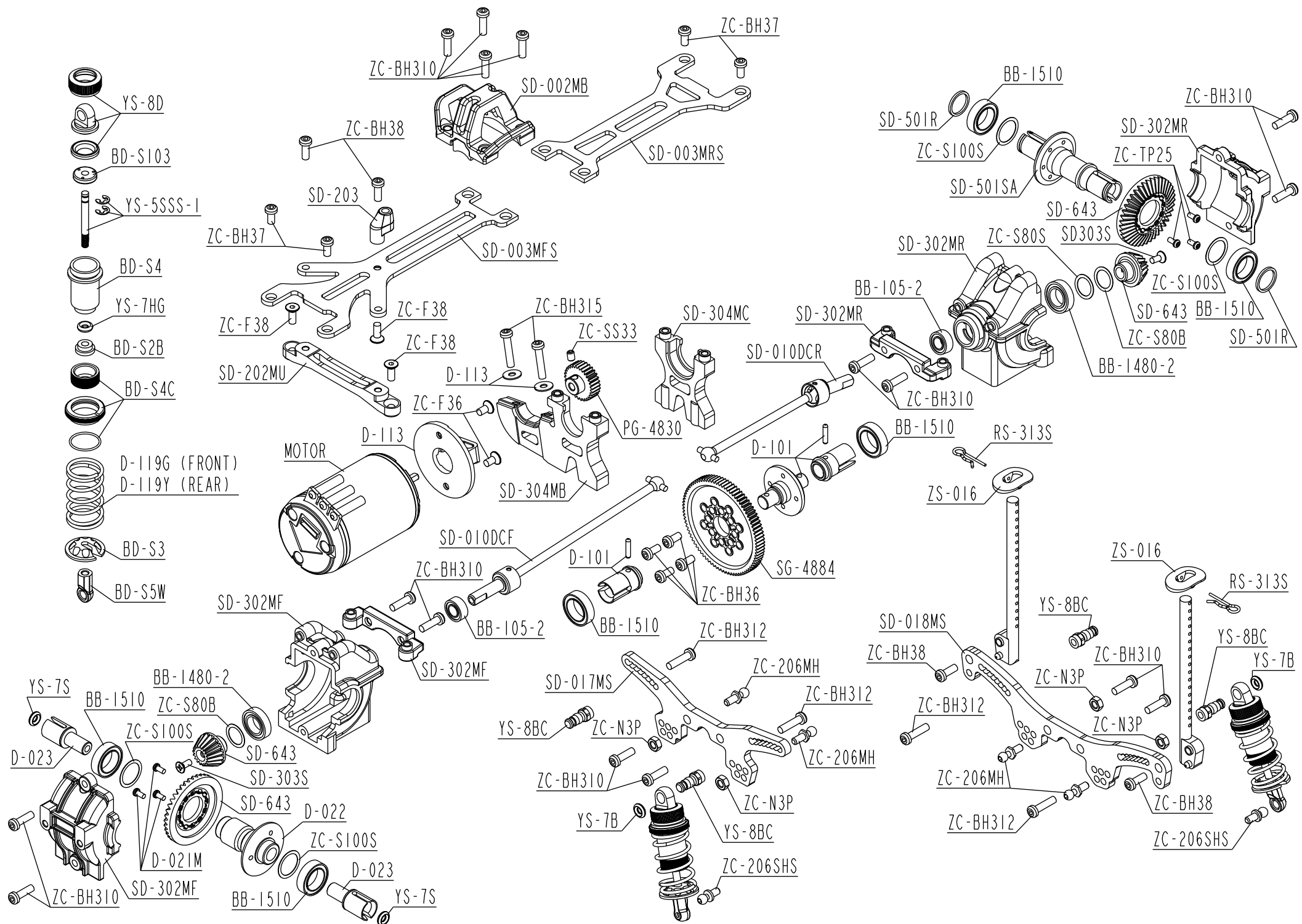
Please purchase separately.

Depending on the body used, the body posts may end up too long. Adjust by cutting away the unneeded length.

Important!

- ① Continuous running of the motor will result in shorter motor life. Allow the motor to cool between runs.
- ② This machine will run at higher than expected speeds, so please exercise caution when running. Choose open, safe areas to run. Enjoy!





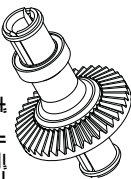
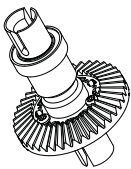
DRIFT PACKAGE

DPM

SSG SETTING SHEET

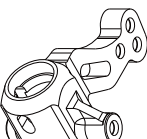
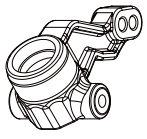
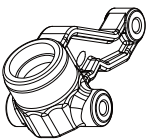
DATE	/ /	
サーキット		
環境	☐ インドア	☐ アウトドア
路面	☐ アスファルト	☐ コンクリート
路面状況	☐ フラット	☐ バンピー
グリップ	☐ 高い	☐ 普通
	☐ 低い	

■フロント駆動



- ☐ フロントエイ ☐ 樹脂製 (SD-501DS) ☐ 樹脂製 (SD-501SAS)
- (D-021) ☐ アルミ製 (SD-501DA) ☐ アルミ製 (SD-501SAA)

■ステアリングロック



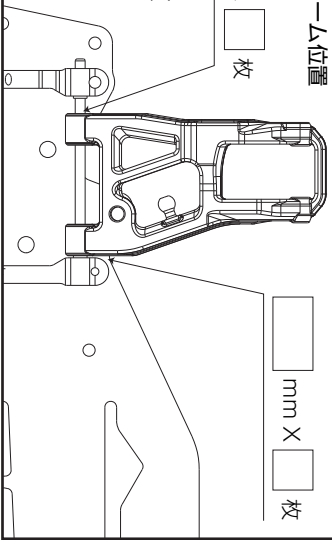
- ☐ トレープルO (SD-415S) ☐ D-MAX用 (SD-415DS) ☐ ロアキヤスターブロック用 (D-121)

■フロントサスアーム位置

☐ mm X ☐ 枚

■サスアーム種類

- ☐ ノーサル (SD-008H)
- ☐ グラフアイト (SD-008HG)

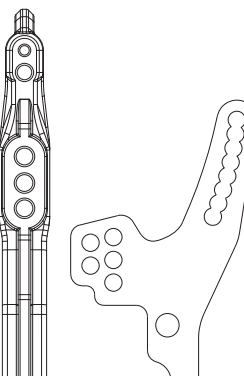


■ギヤ比 スパー () ピッチ () 枚

 ピニオン () ピッチ () 枚

FRONT

■アイアーム、ショック位置



■ロア キヤスターブロック



- ☐ 7°(D-122)
- ☐ 10°(D-123)
- ☐ 12°(D-124)

■フロントトー角

☐ °

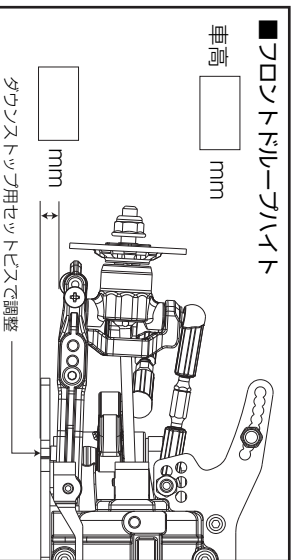
■フロントキャンバー角

☐ °

■フロントキヤスター角

☐ °

■フロントダンパー



■フロントビルーガイト

車高 ☐ mm

☐ mm

ダウンストッパ用セットピスで調整

【スポンジ】

- ☐ 有 ☐ 無

【ダイヤフラム】

- ☐ シリコン (YS-8DMH)
- ☐ フッ素ゴム (YS-8HD)

【ピストン】

- ☐ 1穴 ☐ 2穴 ☐ 3穴

【ショックシヤフト】

- ☐ ノーサル
- ☐ チタンコート

【ロング・カラー】

- ☐ タイプ
- ☐ カラー (YS-7HG)
- ☐ カラー (YS-7S)

数

- ☐ 1ヶ (BD-S2B使用)
- ☐ 2ヶ (BD-S2W使用)

【スプリング】

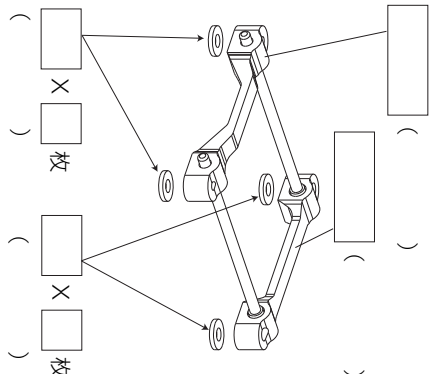
()



ダンパー全長 ☐ mm

ダンパーオイル ☐ mm

■フロントサスアサント



■ボデー

■サイング

■バッテリー

■フロントタイヤ、リング、ホイール

■フロントスタビライザー

- ☐ 有 () ☐ 無

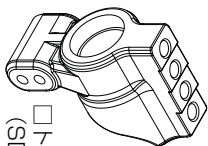
■ウエイト (フロント側)

☐ g (場所:)

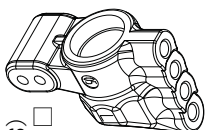
ドライバー

コメント

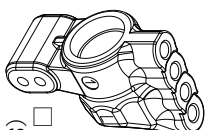
■リアハブキャリア



☐ トーイン0°
(SD-415R00)



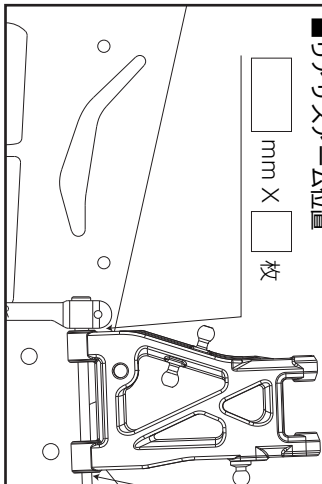
☐ トーイン0.5°
(SD-415R05)



☐ トーイン1°
(SD-415R10)

■リアサスアーム位置

mm X 枚

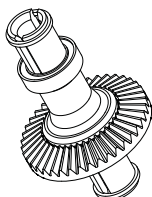


mm X 枚

■サスアーム種類

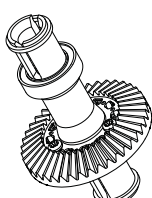
- ☐ ノーサル
(SD-008H)
☐ グラフファイト
(SD-008HG)

■リア駆動



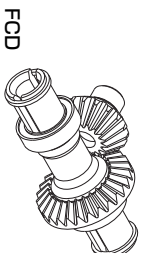
ボールデフ

- ☐ 樹脂製 (SD-501DS)
☐ アルミ製 (SD-501DA)



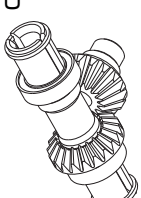
ソリッドアクスル

- ☐ 樹脂製 (SD-501SAS)
☐ アルミ製 (SD-501SAA)



FCD

- ☐ 1.3倍 (D-087)
☐ 1.5倍 (D-048)

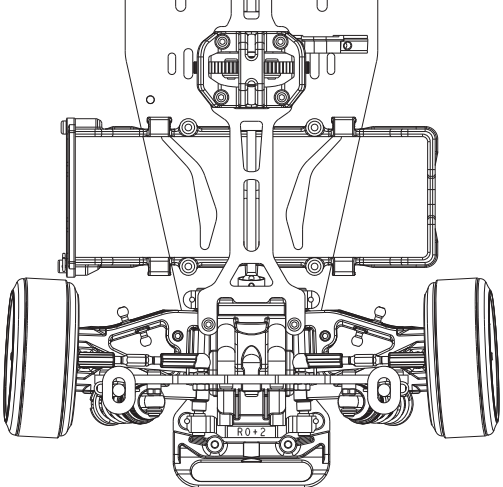


FCD

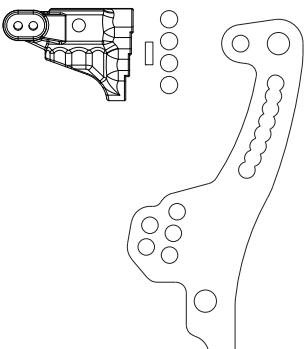
- ☐ 1.8倍 (D-089)
☐ 2倍 (D-051)

× 2.35 = ギヤ比 (: 1)

REAR ▶



■アッパーム、ショック位置



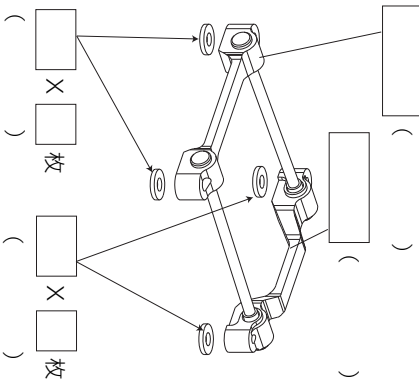
■リアトー角

°

■リアキャンバー角

°

■リアサスマウント



■リアダンパー

☐ スポンジ ☐ 有 ☐ 無

- ☐ ダイヤラム
☐ シリコン (YS-8DMH)
☐ フッ素ゴム (YS-8HD)

- ☐ [ビストン]
☐ 1穴 ☐ 2穴 ☐ 3穴

- ☐ [ショックシヤフト]

- ☐ ノーサル

- ☐ チタンコート

- ☐ [オイル・カラー]

- タイヤ

- ☐ ガル (YS-7HG)
☐ クリアー (YS-7S)

数

- ☐ 1ヶ (BD-S2B使用)
☐ 2ヶ (BD-S2W使用)

- ☐ [スリリング]
()

ダンパー全長 mm

ダンパーオイル

■ウェイト (リア側)

g (場所:)

■リアタイヤ、リング、ホイール

■リアスタビライザー

☐ 有 () ☐ 無

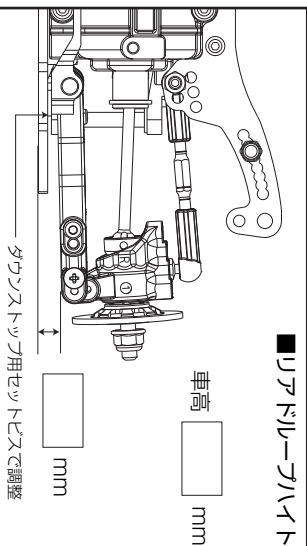
■ESC

■サーボ

■モーター

■プロポ

車高 mm



■リアドローグハイト

↓ mm

↓ ダウンストップ用セットピスで調整

◆DPM Gear Ratio◆ (Normal, FCD1.3x, FCD1.5x)

2次減速比 (I.D.R)	
Normal	2.353
FCD-1.3x	1.824
FCD-1.5x	1.588

48PITCH



			SPUR GEAR																			
			69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88
16	Normal		10.147	10.294	10.441	10.589	10.736	10.883	11.030	11.177	11.324	11.471	11.618	11.765	11.912	12.059	12.206	12.353	12.500	12.647	12.794	12.942
	FCD-1.3x		7.866	7.980	8.094	8.208	8.322	8.436	8.550	8.664	8.778	8.892	9.006	9.120	9.234	9.348	9.462	9.576	9.690	9.804	9.918	10.032
	FCD-1.5x		6.848	6.948	7.047	7.146	7.245	7.345	7.444	7.543	7.642	7.742	7.841	7.940	8.039	8.139	8.238	8.337	8.436	8.536	8.635	8.734
17	Normal		9.550	9.689	9.827	9.966	10.104	10.242	10.381	10.519	10.658	10.796	10.935	11.073	11.211	11.350	11.488	11.627	11.765	11.903	12.042	12.180
	FCD-1.3x		7.403	7.511	7.618	7.725	7.832	7.940	8.047	8.154	8.262	8.369	8.476	8.584	8.691	8.798	8.905	9.013	9.120	9.227	9.335	9.442
	FCD-1.5x		6.445	6.539	6.632	6.726	6.819	6.912	7.006	7.099	7.193	7.286	7.380	7.473	7.566	7.660	7.753	7.847	7.940	8.033	8.127	8.220
18	Normal		9.020	9.151	9.281	9.412	9.543	9.673	9.804	9.935	10.066	10.196	10.327	10.458	10.589	10.719	10.850	10.981	11.111	11.242	11.373	11.504
	FCD-1.3x		6.992	7.093	7.195	7.296	7.397	7.499	7.600	7.701	7.803	7.904	8.005	8.107	8.208	8.309	8.411	8.512	8.613	8.715	8.816	8.917
	FCD-1.5x		6.087	6.176	6.264	6.352	6.440	6.528	6.617	6.705	6.793	6.881	6.970	7.058	7.146	7.234	7.322	7.411	7.499	7.587	7.675	7.764
19	Normal		8.545	8.669	8.793	8.917	9.040	9.164	9.288	9.412	9.536	9.660	9.784	9.907	10.031	10.155	10.279	10.403	10.527	10.650	10.774	10.898
	FCD-1.3x		6.624	6.720	6.816	6.912	7.008	7.104	7.200	7.296	7.392	7.488	7.584	7.680	7.776	7.872	7.968	8.064	8.160	8.256	8.352	8.448
	FCD-1.5x		5.767	5.851	5.934	6.018	6.101	6.185	6.268	6.352	6.436	6.519	6.603	6.686	6.770	6.853	6.937	7.021	7.104	7.188	7.271	7.355
20	Normal		8.118	8.236	8.353	8.471	8.588	8.706	8.824	8.941	9.059	9.177	9.294	9.412	9.530	9.647	9.765	9.883	10.000	10.118	10.236	10.353
	FCD-1.3x		6.293	6.384	6.475	6.566	6.658	6.749	6.840	6.931	7.022	7.114	7.205	7.296	7.387	7.478	7.570	7.661	7.752	7.843	7.934	8.026
	FCD-1.5x		5.479	5.558	5.637	5.717	5.796	5.876	5.955	6.034	6.114	6.193	6.273	6.352	6.431	6.511	6.590	6.670	6.749	6.828	6.908	6.987
21	Normal		7.731	7.843	7.955	8.067	8.179	8.292	8.404	8.516	8.628	8.740	8.852	8.964	9.076	9.188	9.300	9.412	9.524	9.636	9.748	9.860
	FCD-1.3x		5.993	6.080	6.167	6.254	6.341	6.427	6.514	6.601	6.688	6.775	6.862	6.949	7.035	7.122	7.209	7.296	7.383	7.470	7.557	7.643
	FCD-1.5x		5.218	5.293	5.369	5.445	5.520	5.596	5.671	5.747	5.823	5.898	5.974	6.050	6.125	6.201	6.276	6.352	6.428	6.503	6.579	6.654
22	Normal		7.380	7.487	7.594	7.701	7.808	7.915	8.022	8.129	8.236	8.342	8.449	8.556	8.663	8.770	8.877	8.984	9.091	9.198	9.305	9.412
	FCD-1.3x		5.721	5.804	5.887	5.969	6.052	6.135	6.218	6.301	6.384	6.467	6.550	6.633	6.716	6.799	6.881	6.964	7.047	7.130	7.213	7.296
	FCD-1.5x		4.981	5.053	5.125	5.197	5.269	5.341	5.414	5.486	5.558	5.630	5.702	5.775	5.847	5.919	5.991	6.063	6.135	6.208	6.280	6.352
23	Normal		7.059	7.161	7.264	7.366	7.468	7.571	7.673	7.775	7.877	7.980	8.082	8.184	8.287	8.389	8.491	8.594	8.696	8.798	8.900	9.003
	FCD-1.3x		5.472	5.551	5.631	5.710	5.789	5.869	5.948	6.027	6.106	6.186	6.265	6.344	6.424	6.503	6.582	6.662	6.741	6.820	6.899	6.979
	FCD-1.5x		4.764	4.833	4.902	4.971	5.040	5.109	5.178	5.247	5.316	5.385	5.454	5.523	5.593	5.662	5.731	5.800	5.869	5.938	6.007	6.076
24	Normal		6.765	6.863	6.961	7.059	7.157	7.255	7.353	7.451	7.549	7.647	7.745	7.843	7.941	8.039	8.137	8.236	8.334	8.432	8.530	8.628
	FCD-1.3x		5.244	5.320	5.396	5.472	5.548	5.624	5.700	5.776	5.852	5.928	6.004	6.080	6.156	6.232	6.308	6.384	6.460	6.536	6.612	6.688
	FCD-1.5x		4.566	4.632	4.698	4.764	4.830	4.896	4.963	5.029	5.095	5.161	5.227	5.293	5.360	5.426	5.492	5.558	5.624	5.690	5.757	5.823
25	Normal		6.494	6.588	6.683	6.777	6.871	6.965	7.059	7.153	7.247	7.341	7.435	7.530	7.624	7.718	7.812	7.906	8.000	8.094	8.188	8.283
	FCD-1.3x		5.034	5.107	5.180	5.253	5.326	5.399	5.472	5.545	5.618	5.691	5.764	5.837	5.910	5.983	6.056	6.129	6.202	6.275	6.348	6.420
	FCD-1.5x		4.383	4.446	4.510	4.573	4.637	4.700	4.764	4.828	4.891	4.955	5.018	5.082	5.145	5.209	5.272	5.336	5.399	5.463	5.526	5.590
26	Normal		6.245	6.335	6.426	6.516	6.607	6.697	6.788	6.878	6.969	7.059	7.150	7.240	7.331	7.421	7.512	7.602	7.693	7.783	7.874	7.964
	FCD-1.3x		4.841	4.911	4.981	5.051	5.121	5.191	5.262	5.332	5.402	5.472	5.542	5.612	5.682	5.753	5.823	5.893	5.963	6.033	6.103	6.174
	FCD-1.5x		4.214	4.275	4.336	4.398	4.459	4.520	4.581	4.642	4.703	4.764	4.825	4.886	4.947	5.008	5.069	5.130	5.192	5.253	5.314	5.375
27	Normal		6.013	6.100	6.188	6.275	6.362	6.449	6.536	6.623	6.710	6.798	6.885	6.972	7.059	7.146	7.233	7.320	7.408	7.495	7.582	7.669
	FCD-1.3x		4.661	4.729	4.796	4.864	4.932	4.999	5.067	5.134	5.202	5.269	5.337	5.404	5.472	5.540	5.607	5.675	5.742	5.810	5.877	5.945
	FCD-1.5x		4.058	4.117	4.176	4.235	4.293	4.352	4.411	4.470	4.529	4.588	4.646	4.705	4.764	4.823	4.882	4.940	4.999	5.058	5.117	5.176

28	Normal	5.798	5.883	5.967	6.051	6.135	6.219	6.303	6.387	6.471	6.555	6.639	6.723	6.807	6.891	6.975	7.059	7.143	7.227	7.311	7.395
	FCD-1.3x	4.495	4.560	4.625	4.690	4.755	4.821	4.886	4.951	5.016	5.081	5.146	5.211	5.277	5.342	5.407	5.472	5.537	5.602	5.667	5.733
	FCD-1.5x	3.913	3.970	4.027	4.083	4.140	4.197	4.254	4.310	4.367	4.424	4.480	4.537	4.594	4.651	4.707	4.764	4.821	4.877	4.934	4.991
29	Normal	5.599	5.680	5.761	5.842	5.923	6.004	6.085	6.166	6.248	6.329	6.410	6.491	6.572	6.653	6.734	6.816	6.897	6.978	7.059	7.140
	FCD-1.3x	4.340	4.403	4.466	4.529	4.591	4.654	4.717	4.780	4.843	4.906	4.969	5.032	5.095	5.158	5.220	5.283	5.346	5.409	5.472	5.535
	FCD-1.5x	3.778	3.833	3.888	3.943	3.997	4.052	4.107	4.162	4.216	4.271	4.326	4.381	4.435	4.490	4.545	4.600	4.654	4.709	4.764	4.819
30	Normal	5.412	5.490	5.569	5.647	5.726	5.804	5.883	5.961	6.039	6.118	6.196	6.275	6.353	6.432	6.510	6.588	6.667	6.745	6.824	6.902
	FCD-1.3x	4.195	4.256	4.317	4.378	4.438	4.499	4.560	4.621	4.682	4.742	4.803	4.864	4.925	4.986	5.046	5.107	5.168	5.229	5.290	5.350
	FCD-1.5x	3.652	3.705	3.758	3.811	3.864	3.917	3.970	4.023	4.076	4.129	4.182	4.235	4.288	4.341	4.393	4.446	4.499	4.552	4.605	4.658
31	Normal	5.237	5.313	5.389	5.465	5.541	5.617	5.693	5.769	5.845	5.920	5.996	6.072	6.148	6.224	6.300	6.376	6.452	6.528	6.604	6.679
	FCD-1.3x	4.060	4.119	4.178	4.236	4.295	4.354	4.413	4.472	4.531	4.589	4.648	4.707	4.766	4.825	4.884	4.942	5.001	5.060	5.119	5.178
	FCD-1.5x	3.535	3.586	3.637	3.688	3.739	3.791	3.842	3.893	3.944	3.996	4.047	4.098	4.149	4.201	4.252	4.303	4.354	4.405	4.457	4.508
32	Normal	5.074	5.147	5.221	5.294	5.368	5.441	5.515	5.588	5.662	5.735	5.809	5.883	5.956	6.030	6.103	6.177	6.250	6.324	6.397	6.471
	FCD-1.3x	3.933	3.990	4.047	4.104	4.161	4.218	4.275	4.332	4.389	4.446	4.503	4.560	4.617	4.674	4.731	4.788	4.845	4.902	4.959	5.016
	FCD-1.5x	3.424	3.474	3.523	3.573	3.623	3.672	3.722	3.772	3.821	3.871	3.920	3.970	4.020	4.069	4.119	4.169	4.218	4.268	4.317	4.367
33	Normal	4.920	4.991	5.063	5.134	5.205	5.276	5.348	5.419	5.490	5.562	5.633	5.704	5.776	5.847	5.918	5.989	6.061	6.132	6.203	6.275
	FCD-1.3x	3.814	3.869	3.924	3.980	4.035	4.090	4.145	4.201	4.256	4.311	4.367	4.422	4.477	4.532	4.588	4.643	4.698	4.753	4.809	4.864
	FCD-1.5x	3.320	3.368	3.417	3.465	3.513	3.561	3.609	3.657	3.705	3.753	3.802	3.850	3.898	3.946	3.994	4.042	4.090	4.138	4.187	4.235
34	Normal	4.775	4.844	4.914	4.983	5.052	5.121	5.190	5.260	5.329	5.398	5.467	5.536	5.606	5.675	5.744	5.813	5.883	5.952	6.021	6.090
	FCD-1.3x	3.702	3.755	3.809	3.863	3.916	3.970	4.024	4.077	4.131	4.184	4.238	4.292	4.345	4.399	4.453	4.506	4.560	4.614	4.667	4.721
	FCD-1.5x	3.223	3.269	3.316	3.363	3.410	3.456	3.503	3.550	3.596	3.643	3.690	3.736	3.783	3.830	3.877	3.923	3.970	4.017	4.063	4.110
35	Normal	4.639	4.706	4.773	4.840	4.908	4.975	5.042	5.109	5.177	5.244	5.311	5.378	5.446	5.513	5.580	5.647	5.714	5.782	5.849	5.916
	FCD-1.3x	3.596	3.648	3.700	3.752	3.804	3.856	3.909	3.961	4.013	4.065	4.117	4.169	4.221	4.273	4.325	4.378	4.430	4.482	4.534	4.586
	FCD-1.5x	3.131	3.176	3.221	3.267	3.312	3.357	3.403	3.448	3.494	3.539	3.584	3.630	3.675	3.720	3.766	3.811	3.857	3.902	3.947	3.993
36	Normal	4.510	4.575	4.641	4.706	4.771	4.837	4.902	4.967	5.033	5.098	5.164	5.229	5.294	5.360	5.425	5.490	5.556	5.621	5.686	5.752
	FCD-1.3x	3.496	3.547	3.597	3.648	3.699	3.749	3.800	3.851	3.901	3.952	4.003	4.053	4.104	4.155	4.205	4.256	4.307	4.357	4.408	4.459
	FCD-1.5x	3.044	3.088	3.132	3.176	3.220	3.264	3.308	3.352	3.397	3.441	3.485	3.529	3.573	3.617	3.661	3.705	3.749	3.794	3.838	3.882
37	Normal	4.388	4.452	4.515	4.579	4.642	4.706	4.770	4.833	4.897	4.960	5.024	5.088	5.151	5.215	5.278	5.342	5.406	5.469	5.533	5.596
	FCD-1.3x	3.402	3.451	3.500	3.549	3.599	3.648	3.697	3.747	3.796	3.845	3.894	3.944	3.993	4.042	4.092	4.141	4.190	4.240	4.289	4.338
	FCD-1.5x	2.961	3.004	3.047	3.090	3.133	3.176	3.219	3.262	3.305	3.348	3.391	3.434	3.476	3.519	3.562	3.605	3.648	3.691	3.734	3.777
38	Normal	4.273	4.334	4.396	4.458	4.520	4.582	4.644	4.706	4.768	4.830	4.892	4.954	5.016	5.078	5.139	5.201	5.263	5.325	5.387	5.449
	FCD-1.3x	3.312	3.360	3.408	3.456	3.504	3.552	3.600	3.648	3.696	3.744	3.792	3.840	3.888	3.936	3.984	4.032	4.080	4.128	4.176	4.224
	FCD-1.5x	2.883	2.925	2.967	3.009	3.051	3.092	3.134	3.176	3.218	3.260	3.301	3.343	3.385	3.427	3.469	3.510	3.552	3.594	3.636	3.677
39	Normal	4.163	4.223	4.284	4.344	4.404	4.465	4.525	4.585	4.646	4.706	4.766	4.827	4.887	4.947	5.008	5.068	5.128	5.189	5.249	5.309
	FCD-1.3x	3.227	3.274	3.321	3.367	3.414	3.461	3.508	3.554	3.601	3.648	3.695	3.742	3.788	3.835	3.882	3.929	3.975	4.022	4.069	4.116
	FCD-1.5x	2.810	2.850	2.891	2.932	2.972	3.013	3.054	3.095	3.135	3.176	3.217	3.257	3.298	3.339	3.380	3.420	3.461	3.502	3.542	3.583
40	Normal	4.059	4.118	4.177	4.235	4.294	4.353	4.412	4.471	4.530	4.588	4.647	4.706	4.765	4.824	4.882	4.941	5.000	5.059	5.118	5.177
	FCD-1.3x	3.146	3.192	3.238	3.283	3.329	3.374	3.420	3.466	3.511	3.557	3.602	3.648	3.694	3.739	3.785	3.830	3.876	3.922	3.967	4.013
	FCD-1.5x	2.739	2.779	2.819	2.858	2.898	2.938	2.978	3.017	3.057	3.097	3.136	3.176	3.216	3.255	3.295	3.335	3.375	3.414	3.454	3.494



この色の組合せは使用不可（もしくは推奨外）です。



The gearing combinations in this color cannot be used (or are not recommended) .

◆DPM Gear Ratio◆ (Normal, FCD1.3x, FCD1.5x)

2次減速比 (I.D.R)	
Normal	2.353
FCD-1.3x	1.824
FCD-1.5x	1.588

64PITCH



			SPUR GEAR																			
			97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116
	22	Normal	10.375	10.482	10.589	10.695	10.802	10.909	11.016	11.123	11.230	11.337	11.444	11.551	11.658	11.765	11.872	11.979	12.086	12.193	12.300	12.407
		FCD-1.3x	8.042	8.125	8.208	8.291	8.374	8.457	8.540	8.623	8.705	8.788	8.871	8.954	9.037	9.120	9.203	9.286	9.369	9.452	9.535	9.617
		FCD-1.5x	7.002	7.074	7.146	7.218	7.290	7.363	7.435	7.507	7.579	7.651	7.723	7.796	7.868	7.940	8.012	8.084	8.157	8.229	8.301	8.373
	23	Normal	9.924	10.026	10.128	10.230	10.333	10.435	10.537	10.640	10.742	10.844	10.947	11.049	11.151	11.253	11.356	11.458	11.560	11.663	11.765	11.867
		FCD-1.3x	7.693	7.772	7.851	7.930	8.010	8.089	8.168	8.248	8.327	8.406	8.486	8.565	8.644	8.723	8.803	8.882	8.961	9.041	9.120	9.199
		FCD-1.5x	6.697	6.766	6.835	6.904	6.973	7.042	7.111	7.181	7.250	7.319	7.388	7.457	7.526	7.595	7.664	7.733	7.802	7.871	7.940	8.009
	24	Normal	9.510	9.608	9.706	9.804	9.902	10.000	10.098	10.196	10.294	10.392	10.490	10.589	10.687	10.785	10.883	10.981	11.079	11.177	11.275	11.373
		FCD-1.3x	7.372	7.448	7.524	7.600	7.676	7.752	7.828	7.904	7.980	8.056	8.132	8.208	8.284	8.360	8.436	8.512	8.588	8.664	8.740	8.816
		FCD-1.5x	6.418	6.484	6.551	6.617	6.683	6.749	6.815	6.881	6.948	7.014	7.080	7.146	7.212	7.278	7.345	7.411	7.477	7.543	7.609	7.675
	25	Normal	9.130	9.224	9.318	9.412	9.506	9.600	9.694	9.788	9.883	9.977	10.071	10.165	10.259	10.353	10.447	10.541	10.636	10.730	10.824	10.918
		FCD-1.3x	7.077	7.150	7.223	7.296	7.369	7.442	7.515	7.588	7.661	7.734	7.807	7.880	7.953	8.026	8.099	8.172	8.244	8.317	8.390	8.463
		FCD-1.5x	6.161	6.225	6.288	6.352	6.416	6.479	6.543	6.606	6.670	6.733	6.797	6.860	6.924	6.987	7.051	7.114	7.178	7.241	7.305	7.368
	26	Normal	8.779	8.869	8.960	9.050	9.141	9.231	9.322	9.412	9.503	9.593	9.684	9.774	9.865	9.955	10.046	10.136	10.227	10.317	10.408	10.498
		FCD-1.3x	6.805	6.875	6.945	7.015	7.086	7.156	7.226	7.296	7.366	7.436	7.506	7.577	7.647	7.717	7.787	7.857	7.927	7.998	8.068	8.138
		FCD-1.5x	5.924	5.986	6.047	6.108	6.169	6.230	6.291	6.352	6.413	6.474	6.535	6.596	6.657	6.718	6.780	6.841	6.902	6.963	7.024	7.085
	27	Normal	8.453	8.541	8.628	8.715	8.802	8.889	8.976	9.063	9.151	9.238	9.325	9.412	9.499	9.586	9.673	9.761	9.848	9.935	10.022	10.109
		FCD-1.3x	6.553	6.620	6.688	6.756	6.823	6.891	6.958	7.026	7.093	7.161	7.228	7.296	7.364	7.431	7.499	7.566	7.634	7.701	7.769	7.836
		FCD-1.5x	5.705	5.764	5.823	5.881	5.940	5.999	6.058	6.117	6.176	6.234	6.293	6.352	6.411	6.470	6.528	6.587	6.646	6.705	6.764	6.823
	28	Normal	8.151	8.236	8.320	8.404	8.488	8.572	8.656	8.740	8.824	8.908	8.992	9.076	9.160	9.244	9.328	9.412	9.496	9.580	9.664	9.748
		FCD-1.3x	6.319	6.384	6.449	6.514	6.579	6.645	6.710	6.775	6.840	6.905	6.970	7.035	7.101	7.166	7.231	7.296	7.361	7.426	7.491	7.557
		FCD-1.5x	5.501	5.558	5.615	5.671	5.728	5.785	5.842	5.898	5.955	6.012	6.068	6.125	6.182	6.239	6.295	6.352	6.409	6.465	6.522	6.579
	29	Normal	7.870	7.952	8.033	8.114	8.195	8.276	8.357	8.438	8.519	8.601	8.682	8.763	8.844	8.925	9.006	9.087	9.169	9.250	9.331	9.412
		FCD-1.3x	6.101	6.164	6.227	6.290	6.353	6.415	6.478	6.541	6.604	6.667	6.730	6.793	6.856	6.919	6.982	7.044	7.107	7.170	7.233	7.296
		FCD-1.5x	5.312	5.366	5.421	5.476	5.531	5.585	5.640	5.695	5.750	5.804	5.859	5.914	5.969	6.023	6.078	6.133	6.188	6.242	6.297	6.352
	30	Normal	7.608	7.686	7.765	7.843	7.922	8.000	8.079	8.157	8.236	8.314	8.392	8.471	8.549	8.628	8.706	8.785	8.863	8.941	9.020	9.098
		FCD-1.3x	5.898	5.958	6.019	6.080	6.141	6.202	6.262	6.323	6.384	6.445	6.506	6.566	6.627	6.688	6.749	6.810	6.870	6.931	6.992	7.053
		FCD-1.5x	5.135	5.187	5.240	5.293	5.346	5.399	5.452	5.505	5.558	5.611	5.664	5.717	5.770	5.823	5.876	5.929	5.981	6.034	6.087	6.140
	31	Normal	7.363	7.439	7.514	7.590	7.666	7.742	7.818	7.894	7.970	8.046	8.122	8.198	8.273	8.349	8.425	8.501	8.577	8.653	8.729	8.805
		FCD-1.3x	5.707	5.766	5.825	5.884	5.943	6.002	6.060	6.119	6.178	6.237	6.296	6.355	6.413	6.472	6.531	6.590	6.649	6.708	6.766	6.825
		FCD-1.5x	4.969	5.020	5.071	5.123	5.174	5.225	5.276	5.327	5.379	5.430	5.481	5.532	5.584	5.635	5.686	5.737	5.789	5.840	5.891	5.942
	32	Normal	7.133	7.206	7.280	7.353	7.427	7.500	7.574	7.647	7.721	7.794	7.868	7.941	8.015	8.088	8.162	8.236	8.309	8.383	8.456	8.530
		FCD-1.3x	5.529	5.586	5.643	5.700	5.757	5.814	5.871	5.928	5.985	6.042	6.099	6.156	6.213	6.270	6.327	6.384	6.441	6.498	6.555	6.612
		FCD-1.5x	4.814	4.863	4.913	4.963	5.012	5.062	5.111	5.161	5.211	5.260	5.310	5.360	5.409	5.459	5.508	5.558	5.608	5.657	5.707	5.757
	33	Normal	6.916	6.988	7.059	7.130	7.202	7.273	7.344	7.416	7.487	7.558	7.629	7.701	7.772	7.843	7.915	7.986	8.057	8.129	8.200	8.271
		FCD-1.3x	5.361	5.417	5.472	5.527	5.583	5.638	5.693	5.748	5.804	5.859	5.914	5.969	6.025	6.080	6.135	6.191	6.246	6.301	6.356	6.412
		FCD-1.5x	4.668	4.716	4.764	4.812	4.860	4.908	4.956	5.005	5.053	5.101	5.149	5.197	5.245	5.293	5.341	5.390	5.438	5.486	5.534	5.582

34	Normal	6.713	6.782	6.851	6.921	6.990	7.059	7.128	7.197	7.267	7.336	7.405	7.474	7.543	7.613	7.682	7.751	7.820	7.889	7.959	8.028
	FCD-1.3x	5.204	5.257	5.311	5.365	5.418	5.472	5.526	5.579	5.633	5.687	5.740	5.794	5.848	5.901	5.955	6.008	6.062	6.116	6.169	6.223
	FCD-1.5x	4.530	4.577	4.624	4.671	4.717	4.764	4.811	4.857	4.904	4.951	4.998	5.044	5.091	5.138	5.184	5.231	5.278	5.324	5.371	5.418
35	Normal	6.521	6.588	6.656	6.723	6.790	6.857	6.925	6.992	7.059	7.126	7.193	7.261	7.328	7.395	7.462	7.530	7.597	7.664	7.731	7.799
	FCD-1.3x	5.055	5.107	5.159	5.211	5.264	5.316	5.368	5.420	5.472	5.524	5.576	5.628	5.680	5.733	5.785	5.837	5.889	5.941	5.993	6.045
	FCD-1.5x	4.401	4.446	4.492	4.537	4.583	4.628	4.673	4.719	4.764	4.809	4.855	4.900	4.945	4.991	5.036	5.082	5.127	5.172	5.218	5.263
36	Normal	6.340	6.405	6.471	6.536	6.601	6.667	6.732	6.798	6.863	6.928	6.994	7.059	7.124	7.190	7.255	7.320	7.386	7.451	7.517	7.582
	FCD-1.3x	4.915	4.965	5.016	5.067	5.117	5.168	5.219	5.269	5.320	5.371	5.421	5.472	5.523	5.573	5.624	5.675	5.725	5.776	5.827	5.877
	FCD-1.5x	4.279	4.323	4.367	4.411	4.455	4.499	4.543	4.588	4.632	4.676	4.720	4.764	4.808	4.852	4.896	4.940	4.985	5.029	5.073	5.117
37	Normal	6.169	6.232	6.296	6.359	6.423	6.487	6.550	6.614	6.677	6.741	6.805	6.868	6.932	6.995	7.059	7.123	7.186	7.250	7.313	7.377
	FCD-1.3x	4.782	4.831	4.880	4.930	4.979	5.028	5.078	5.127	5.176	5.226	5.275	5.324	5.373	5.423	5.472	5.521	5.571	5.620	5.669	5.718
	FCD-1.5x	4.163	4.206	4.249	4.292	4.335	4.378	4.421	4.464	4.506	4.549	4.592	4.635	4.678	4.721	4.764	4.807	4.850	4.893	4.936	4.979
38	Normal	6.006	6.068	6.130	6.192	6.254	6.316	6.378	6.440	6.502	6.564	6.626	6.687	6.749	6.811	6.873	6.935	6.997	7.059	7.121	7.183
	FCD-1.3x	4.656	4.704	4.752	4.800	4.848	4.896	4.944	4.992	5.040	5.088	5.136	5.184	5.232	5.280	5.328	5.376	5.424	5.472	5.520	5.568
	FCD-1.5x	4.054	4.095	4.137	4.179	4.221	4.263	4.304	4.346	4.388	4.430	4.471	4.513	4.555	4.597	4.639	4.680	4.722	4.764	4.806	4.848
39	Normal	5.852	5.913	5.973	6.033	6.094	6.154	6.214	6.275	6.335	6.395	6.456	6.516	6.576	6.637	6.697	6.757	6.818	6.878	6.938	6.999
	FCD-1.3x	4.537	4.583	4.630	4.677	4.724	4.770	4.817	4.864	4.911	4.958	5.004	5.051	5.098	5.145	5.191	5.238	5.285	5.332	5.378	5.425
	FCD-1.5x	3.950	3.990	4.031	4.072	4.113	4.153	4.194	4.235	4.275	4.316	4.357	4.398	4.438	4.479	4.520	4.560	4.601	4.642	4.683	4.723
40	Normal	5.706	5.765	5.824	5.883	5.941	6.000	6.059	6.118	6.177	6.235	6.294	6.353	6.412	6.471	6.530	6.588	6.647	6.706	6.765	6.824
	FCD-1.3x	4.423	4.469	4.514	4.560	4.606	4.651	4.697	4.742	4.788	4.834	4.879	4.925	4.970	5.016	5.062	5.107	5.153	5.198	5.244	5.290
	FCD-1.5x	3.851	3.891	3.930	3.970	4.010	4.049	4.089	4.129	4.169	4.208	4.248	4.288	4.327	4.367	4.407	4.446	4.486	4.526	4.566	4.605
41	Normal	5.567	5.624	5.682	5.739	5.796	5.854	5.911	5.969	6.026	6.083	6.141	6.198	6.256	6.313	6.370	6.428	6.485	6.542	6.600	6.657
	FCD-1.3x	4.315	4.360	4.404	4.449	4.493	4.538	4.582	4.627	4.671	4.716	4.760	4.805	4.849	4.894	4.938	4.983	5.027	5.072	5.116	5.161
	FCD-1.5x	3.757	3.796	3.834	3.873	3.912	3.951	3.989	4.028	4.067	4.106	4.144	4.183	4.222	4.260	4.299	4.338	4.377	4.415	4.454	4.493
42	Normal	5.434	5.490	5.546	5.602	5.658	5.714	5.770	5.826	5.883	5.939	5.995	6.051	6.107	6.163	6.219	6.275	6.331	6.387	6.443	6.499
	FCD-1.3x	4.213	4.256	4.299	4.343	4.386	4.430	4.473	4.517	4.560	4.603	4.647	4.690	4.734	4.777	4.821	4.864	4.907	4.951	4.994	5.038
	FCD-1.5x	3.668	3.705	3.743	3.781	3.819	3.857	3.894	3.932	3.970	4.008	4.046	4.083	4.121	4.159	4.197	4.235	4.272	4.310	4.348	4.386
43	Normal	5.308	5.363	5.417	5.472	5.527	5.582	5.636	5.691	5.746	5.800	5.855	5.910	5.965	6.019	6.074	6.129	6.183	6.238	6.293	6.348
	FCD-1.3x	4.115	4.157	4.199	4.242	4.284	4.327	4.369	4.412	4.454	4.496	4.539	4.581	4.624	4.666	4.708	4.751	4.793	4.836	4.878	4.921
	FCD-1.5x	3.582	3.619	3.656	3.693	3.730	3.767	3.804	3.841	3.878	3.915	3.952	3.988	4.025	4.062	4.099	4.136	4.173	4.210	4.247	4.284
44	Normal	5.187	5.241	5.294	5.348	5.401	5.455	5.508	5.562	5.615	5.669	5.722	5.776	5.829	5.883	5.936	5.989	6.043	6.096	6.150	6.203
	FCD-1.3x	4.021	4.063	4.104	4.145	4.187	4.228	4.270	4.311	4.353	4.394	4.436	4.477	4.519	4.560	4.601	4.643	4.684	4.726	4.767	4.809
	FCD-1.5x	3.501	3.537	3.573	3.609	3.645	3.681	3.717	3.753	3.790	3.826	3.862	3.898	3.934	3.970	4.006	4.042	4.078	4.114	4.150	4.187
45	Normal	5.072	5.124	5.177	5.229	5.281	5.333	5.386	5.438	5.490	5.543	5.595	5.647	5.699	5.752	5.804	5.856	5.909	5.961	6.013	6.066
	FCD-1.3x	3.932	3.972	4.013	4.053	4.094	4.134	4.175	4.215	4.256	4.297	4.337	4.378	4.418	4.459	4.499	4.540	4.580	4.621	4.661	4.702
	FCD-1.5x	3.423	3.458	3.494	3.529	3.564	3.599	3.635	3.670	3.705	3.741	3.776	3.811	3.846	3.882	3.917	3.952	3.988	4.023	4.058	4.094
46	Normal	4.962	5.013	5.064	5.115	5.166	5.218	5.269	5.320	5.371	5.422	5.473	5.524	5.576	5.627	5.678	5.729	5.780	5.831	5.883	5.934
	FCD-1.3x	3.846	3.886	3.926	3.965	4.005	4.045	4.084	4.124	4.163	4.203	4.243	4.282	4.322	4.362	4.401	4.441	4.481	4.520	4.560	4.600
	FCD-1.5x	3.349	3.383	3.418	3.452	3.487	3.521	3.556	3.590	3.625	3.659	3.694	3.728	3.763	3.797	3.832	3.866	3.901	3.935	3.970	4.005
47	Normal	4.856	4.906	4.956	5.006	5.056	5.107	5.157	5.207	5.257	5.307	5.357	5.407	5.457	5.507	5.557	5.607	5.657	5.707	5.757	5.807
	FCD-1.3x	3.764	3.803	3.842	3.881	3.920	3.958	3.997	4.036	4.075	4.114	4.153	4.191	4.230	4.269	4.308	4.347	4.385	4.424	4.463	4.502
	FCD-1.5x	3.277	3.311	3.345	3.379	3.413	3.446	3.480	3.514	3.548	3.581	3.615	3.649	3.683	3.717	3.750	3.784	3.818	3.852	3.886	3.919
48	Normal	4.755	4.804	4.853	4.902	4.951	5.000	5.049	5.098	5.147	5.196	5.245	5.294	5.343	5.392	5.441	5.490	5.539	5.588	5.637	5.686
	FCD-1.3x	3.686	3.724	3.762	3.800	3.838	3.876	3.914	3.952	3.990	4.028	4.066	4.104	4.142	4.180	4.218	4.256	4.294	4.332	4.370	4.408
	FCD-1.5x	3.209	3.242	3.275	3.308	3.341	3.375	3.408	3.441	3.474	3.507	3.540	3.573	3.606	3.639	3.672	3.705	3.738	3.772	3.805	3.838

 この色の組合せは使用不可（もしくは推奨外）です。

 The gearing combinations in this color cannot be used (or are not recommended) .

◆DPM Gear Ratio◆ (Normal, FCD1.8x, FCD2.0x)

2次減速比 (I.D.R)	
Normal	2.353
FCD-1.8x	1.294
FCD-2.0x	1.176

48PITCH



			SPUR GEAR																		
			69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
16	Normal	10.147	10.294	10.441	10.589	10.736	10.883	11.030	11.177	11.324	11.471	11.618	11.765	11.912	12.059	12.206	12.353	12.500	12.647	12.794	12.942
	FCD-1.8x	5.580	5.661	5.742	5.823	5.904	5.985	6.066	6.147	6.227	6.308	6.389	6.470	6.551	6.632	6.713	6.794	6.874	6.955	7.036	7.117
	FCD-2.0x	5.072	5.145	5.219	5.292	5.366	5.439	5.513	5.586	5.660	5.733	5.807	5.880	5.954	6.027	6.101	6.174	6.248	6.321	6.395	6.468
17	Normal	9.550	9.689	9.827	9.966	10.104	10.242	10.381	10.519	10.658	10.796	10.935	11.073	11.211	11.350	11.488	11.627	11.765	11.903	12.042	12.180
	FCD-1.8x	5.252	5.328	5.404	5.480	5.557	5.633	5.709	5.785	5.861	5.937	6.013	6.089	6.166	6.242	6.318	6.394	6.470	6.546	6.622	6.699
	FCD-2.0x	4.773	4.842	4.912	4.981	5.050	5.119	5.188	5.257	5.327	5.396	5.465	5.534	5.603	5.672	5.742	5.811	5.880	5.949	6.018	6.088
18	Normal	9.020	9.151	9.281	9.412	9.543	9.673	9.804	9.935	10.066	10.196	10.327	10.458	10.589	10.719	10.850	10.981	11.111	11.242	11.373	11.504
	FCD-1.8x	4.960	5.032	5.104	5.176	5.248	5.320	5.392	5.464	5.535	5.607	5.679	5.751	5.823	5.895	5.967	6.039	6.111	6.182	6.254	6.326
	FCD-2.0x	4.508	4.573	4.639	4.704	4.769	4.835	4.900	4.965	5.031	5.096	5.161	5.227	5.292	5.357	5.423	5.488	5.553	5.619	5.684	5.749
19	Normal	8.545	8.669	8.793	8.917	9.040	9.164	9.288	9.412	9.536	9.660	9.784	9.907	10.031	10.155	10.279	10.403	10.527	10.650	10.774	10.898
	FCD-1.8x	4.699	4.767	4.835	4.904	4.972	5.040	5.108	5.176	5.244	5.312	5.380	5.448	5.517	5.585	5.653	5.721	5.789	5.857	5.925	5.993
	FCD-2.0x	4.271	4.333	4.395	4.456	4.518	4.580	4.642	4.704	4.766	4.828	4.890	4.952	5.013	5.075	5.137	5.199	5.261	5.323	5.385	5.447
20	Normal	8.118	8.236	8.353	8.471	8.588	8.706	8.824	8.941	9.059	9.177	9.294	9.412	9.530	9.647	9.765	9.883	10.000	10.118	10.236	10.353
	FCD-1.8x	4.464	4.529	4.594	4.658	4.723	4.788	4.853	4.917	4.982	5.047	5.111	5.176	5.241	5.305	5.370	5.435	5.500	5.564	5.629	5.694
	FCD-2.0x	4.057	4.116	4.175	4.234	4.292	4.351	4.410	4.469	4.528	4.586	4.645	4.704	4.763	4.822	4.880	4.939	4.998	5.057	5.116	5.174
21	Normal	7.731	7.843	7.955	8.067	8.179	8.292	8.404	8.516	8.628	8.740	8.852	8.964	9.076	9.188	9.300	9.412	9.524	9.636	9.748	9.860
	FCD-1.8x	4.252	4.313	4.375	4.437	4.498	4.560	4.621	4.683	4.745	4.806	4.868	4.930	4.991	5.053	5.114	5.176	5.238	5.299	5.361	5.422
	FCD-2.0x	3.864	3.920	3.976	4.032	4.088	4.144	4.200	4.256	4.312	4.368	4.424	4.480	4.536	4.592	4.648	4.704	4.760	4.816	4.872	4.928
22	Normal	7.380	7.487	7.594	7.701	7.808	7.915	8.022	8.129	8.236	8.342	8.449	8.556	8.663	8.770	8.877	8.984	9.091	9.198	9.305	9.412
	FCD-1.8x	4.058	4.117	4.176	4.235	4.294	4.353	4.411	4.470	4.529	4.588	4.647	4.705	4.764	4.823	4.882	4.941	5.000	5.058	5.117	5.176
	FCD-2.0x	3.688	3.742	3.795	3.849	3.902	3.956	4.009	4.063	4.116	4.169	4.223	4.276	4.330	4.383	4.437	4.490	4.544	4.597	4.651	4.704
23	Normal	7.059	7.161	7.264	7.366	7.468	7.571	7.673	7.775	7.877	7.980	8.082	8.184	8.287	8.389	8.491	8.594	8.696	8.798	8.900	9.003
	FCD-1.8x	3.882	3.938	3.995	4.051	4.107	4.163	4.220	4.276	4.332	4.388	4.445	4.501	4.557	4.613	4.670	4.726	4.782	4.838	4.895	4.951
	FCD-2.0x	3.528	3.579	3.630	3.681	3.733	3.784	3.835	3.886	3.937	3.988	4.039	4.090	4.142	4.193	4.244	4.295	4.346	4.397	4.448	4.499
24	Normal	6.765	6.863	6.961	7.059	7.157	7.255	7.353	7.451	7.549	7.647	7.745	7.843	7.941	8.039	8.137	8.236	8.334	8.432	8.530	8.628
	FCD-1.8x	3.720	3.774	3.828	3.882	3.936	3.990	4.044	4.098	4.152	4.206	4.259	4.313	4.367	4.421	4.475	4.529	4.583	4.637	4.691	4.745
	FCD-2.0x	3.381	3.430	3.479	3.528	3.577	3.626	3.675	3.724	3.773	3.822	3.871	3.920	3.969	4.018	4.067	4.116	4.165	4.214	4.263	4.312
25	Normal	6.494	6.588	6.683	6.777	6.871	6.965	7.059	7.153	7.247	7.341	7.435	7.530	7.624	7.718	7.812	7.906	8.000	8.094	8.188	8.283
	FCD-1.8x	3.571	3.623	3.675	3.727	3.778	3.830	3.882	3.934	3.986	4.037	4.089	4.141	4.193	4.244	4.296	4.348	4.400	4.451	4.503	4.555
	FCD-2.0x	3.246	3.293	3.340	3.387	3.434	3.481	3.528	3.575	3.622	3.669	3.716	3.763	3.810	3.857	3.904	3.951	3.998	4.045	4.092	4.140
26	Normal	6.245	6.335	6.426	6.516	6.607	6.697	6.788	6.878	6.969	7.059	7.150	7.240	7.331	7.421	7.512	7.602	7.693	7.783	7.874	7.964
	FCD-1.8x	3.434	3.484	3.534	3.583	3.633	3.683	3.733	3.782	3.832	3.882	3.932	3.982	4.031	4.081	4.131	4.181	4.230	4.280	4.330	4.380
	FCD-2.0x	3.121	3.166	3.211	3.257	3.302	3.347	3.392	3.438	3.483	3.528	3.573	3.618	3.664	3.709	3.754	3.799	3.845	3.890	3.935	3.980
27	Normal	6.013	6.100	6.188	6.275	6.362	6.449	6.536	6.623	6.710	6.798	6.885	6.972	7.059	7.146	7.233	7.320	7.408	7.495	7.582	7.669
	FCD-1.8x	3.307	3.355	3.403	3.451	3.499	3.547	3.594	3.642	3.690	3.738	3.786	3.834	3.882	3.930	3.978	4.026	4.074	4.122	4.170	4.217
	FCD-2.0x	3.005	3.049	3.092	3.136	3.180	3.223	3.267	3.310	3.354	3.397	3.441	3.484	3.528	3.572	3.615	3.659	3.702	3.746	3.789	3.833

28	Normal	5.798	5.883	5.967	6.051	6.135	6.219	6.303	6.387	6.471	6.555	6.639	6.723	6.807	6.891	6.975	7.059	7.143	7.227	7.311	7.395
	FCD-1.8x	3.189	3.235	3.281	3.327	3.374	3.420	3.466	3.512	3.559	3.605	3.651	3.697	3.743	3.790	3.836	3.882	3.928	3.974	4.021	4.067
	FCD-2.0x	2.898	2.940	2.982	3.024	3.066	3.108	3.150	3.192	3.234	3.276	3.318	3.360	3.402	3.444	3.486	3.528	3.570	3.612	3.654	3.696
29	Normal	5.599	5.680	5.761	5.842	5.923	6.004	6.085	6.166	6.248	6.329	6.410	6.491	6.572	6.653	6.734	6.816	6.897	6.978	7.059	7.140
	FCD-1.8x	3.079	3.123	3.168	3.213	3.257	3.302	3.347	3.391	3.436	3.480	3.525	3.570	3.614	3.659	3.704	3.748	3.793	3.837	3.882	3.927
	FCD-2.0x	2.798	2.839	2.879	2.920	2.960	3.001	3.041	3.082	3.122	3.163	3.204	3.244	3.285	3.325	3.366	3.406	3.447	3.487	3.528	3.569
30	Normal	5.412	5.490	5.569	5.647	5.726	5.804	5.883	5.961	6.039	6.118	6.196	6.275	6.353	6.432	6.510	6.588	6.667	6.745	6.824	6.902
	FCD-1.8x	2.976	3.019	3.062	3.106	3.149	3.192	3.235	3.278	3.321	3.364	3.408	3.451	3.494	3.537	3.580	3.623	3.666	3.709	3.753	3.796
	FCD-2.0x	2.705	2.744	2.783	2.822	2.862	2.901	2.940	2.979	3.018	3.058	3.097	3.136	3.175	3.214	3.254	3.293	3.332	3.371	3.410	3.450
31	Normal	5.237	5.313	5.389	5.465	5.541	5.617	5.693	5.769	5.845	5.920	5.996	6.072	6.148	6.224	6.300	6.376	6.452	6.528	6.604	6.679
	FCD-1.8x	2.880	2.922	2.964	3.005	3.047	3.089	3.131	3.172	3.214	3.256	3.298	3.339	3.381	3.423	3.465	3.506	3.548	3.590	3.632	3.673
	FCD-2.0x	2.618	2.655	2.693	2.731	2.769	2.807	2.845	2.883	2.921	2.959	2.997	3.035	3.073	3.111	3.149	3.187	3.225	3.262	3.300	3.338
32	Normal	5.074	5.147	5.221	5.294	5.368	5.441	5.515	5.588	5.662	5.735	5.809	5.883	5.956	6.030	6.103	6.177	6.250	6.324	6.397	6.471
	FCD-1.8x	2.790	2.831	2.871	2.912	2.952	2.992	3.033	3.073	3.114	3.154	3.195	3.235	3.275	3.316	3.356	3.397	3.437	3.478	3.518	3.559
	FCD-2.0x	2.536	2.573	2.609	2.646	2.683	2.720	2.756	2.793	2.830	2.867	2.903	2.940	2.977	3.014	3.050	3.087	3.124	3.161	3.197	3.234
33	Normal	4.920	4.991	5.063	5.134	5.205	5.276	5.348	5.419	5.490	5.562	5.633	5.704	5.776	5.847	5.918	5.989	6.061	6.132	6.203	6.275
	FCD-1.8x	2.706	2.745	2.784	2.823	2.862	2.902	2.941	2.980	3.019	3.059	3.098	3.137	3.176	3.215	3.255	3.294	3.333	3.372	3.411	3.451
	FCD-2.0x	2.459	2.495	2.530	2.566	2.601	2.637	2.673	2.708	2.744	2.780	2.815	2.851	2.887	2.922	2.958	2.993	3.029	3.065	3.100	3.136
34	Normal	4.775	4.844	4.914	4.983	5.052	5.121	5.190	5.260	5.329	5.398	5.467	5.536	5.606	5.675	5.744	5.813	5.883	5.952	6.021	6.090
	FCD-1.8x	2.626	2.664	2.702	2.740	2.778	2.816	2.854	2.892	2.931	2.969	3.007	3.045	3.083	3.121	3.159	3.197	3.235	3.273	3.311	3.349
	FCD-2.0x	2.387	2.421	2.456	2.490	2.525	2.560	2.594	2.629	2.663	2.698	2.732	2.767	2.802	2.836	2.871	2.905	2.940	2.975	3.009	3.044
35	Normal	4.639	4.706	4.773	4.840	4.908	4.975	5.042	5.109	5.177	5.244	5.311	5.378	5.446	5.513	5.580	5.647	5.714	5.782	5.849	5.916
	FCD-1.8x	2.551	2.588	2.625	2.662	2.699	2.736	2.773	2.810	2.847	2.884	2.921	2.958	2.995	3.032	3.069	3.106	3.143	3.180	3.217	3.253
	FCD-2.0x	2.318	2.352	2.386	2.419	2.453	2.486	2.520	2.554	2.587	2.621	2.654	2.688	2.722	2.755	2.789	2.822	2.856	2.890	2.923	2.957
36	Normal	4.510	4.575	4.641	4.706	4.771	4.837	4.902	4.967	5.033	5.098	5.164	5.229	5.294	5.360	5.425	5.490	5.556	5.621	5.686	5.752
	FCD-1.8x	2.480	2.516	2.552	2.588	2.624	2.660	2.696	2.732	2.768	2.804	2.840	2.876	2.912	2.947	2.983	3.019	3.055	3.091	3.127	3.163
	FCD-2.0x	2.254	2.287	2.319	2.352	2.385	2.417	2.450	2.483	2.515	2.548	2.581	2.613	2.646	2.679	2.711	2.744	2.777	2.809	2.842	2.875
37	Normal	4.388	4.452	4.515	4.579	4.642	4.706	4.770	4.833	4.897	4.960	5.024	5.088	5.151	5.215	5.278	5.342	5.406	5.469	5.533	5.596
	FCD-1.8x	2.413	2.448	2.483	2.518	2.553	2.588	2.623	2.658	2.693	2.728	2.763	2.798	2.833	2.868	2.903	2.938	2.973	3.008	3.043	3.078
	FCD-2.0x	2.193	2.225	2.257	2.288	2.320	2.352	2.384	2.416	2.447	2.479	2.511	2.543	2.574	2.606	2.638	2.670	2.702	2.733	2.765	2.797
38	Normal	4.273	4.334	4.396	4.458	4.520	4.582	4.644	4.706	4.768	4.830	4.892	4.954	5.016	5.078	5.139	5.201	5.263	5.325	5.387	5.449
	FCD-1.8x	2.350	2.384	2.418	2.452	2.486	2.520	2.554	2.588	2.622	2.656	2.690	2.724	2.758	2.792	2.826	2.860	2.894	2.929	2.963	2.997
	FCD-2.0x	2.135	2.166	2.197	2.228	2.259	2.290	2.321	2.352	2.383	2.414	2.445	2.476	2.507	2.538	2.569	2.600	2.631	2.661	2.692	2.723
39	Normal	4.163	4.223	4.284	4.344	4.404	4.465	4.525	4.585	4.646	4.706	4.766	4.827	4.887	4.947	5.008	5.068	5.128	5.189	5.249	5.309
	FCD-1.8x	2.289	2.323	2.356	2.389	2.422	2.455	2.488	2.522	2.555	2.588	2.621	2.654	2.688	2.721	2.754	2.787	2.820	2.853	2.887	2.920
	FCD-2.0x	2.081	2.111	2.141	2.171	2.201	2.231	2.262	2.292	2.322	2.352	2.382	2.412	2.442	2.473	2.503	2.533	2.563	2.593	2.623	2.654
40	Normal	4.059	4.118	4.177	4.235	4.294	4.353	4.412	4.471	4.530	4.588	4.647	4.706	4.765	4.824	4.882	4.941	5.000	5.059	5.118	5.177
	FCD-1.8x	2.232	2.265	2.297	2.329	2.362	2.394	2.426	2.459	2.491	2.523	2.556	2.588	2.620	2.653	2.685	2.717	2.750	2.782	2.814	2.847
	FCD-2.0x	2.029	2.058	2.087	2.117	2.146	2.176	2.205	2.234	2.264	2.293	2.323	2.352	2.381	2.411	2.440	2.470	2.499	2.528	2.558	2.587

この色の組合せは使用不可（もしくは推奨外）です。
The gearing combinations in this color cannot be used (or are not recommended) .

◆DPM Gear Ratio◆ (Normal, FCD1.8x, FCD2.0x)

2次減速比 (I.D.R)	
Normal	2.353
FCD-1.8x	1.294
FCD-2.0x	1.176

64PITCH



			SPUR GEAR																			
			97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116
	22	Normal	10.375	10.482	10.589	10.695	10.802	10.909	11.016	11.123	11.230	11.337	11.444	11.551	11.658	11.765	11.872	11.979	12.086	12.193	12.300	12.407
		FCD-1.8x	5.705	5.764	5.823	5.882	5.941	5.999	6.058	6.117	6.176	6.235	6.294	6.352	6.411	6.470	6.529	6.588	6.646	6.705	6.764	6.823
		FCD-2.0x	5.185	5.239	5.292	5.345	5.399	5.452	5.506	5.559	5.613	5.666	5.720	5.773	5.827	5.880	5.933	5.987	6.040	6.094	6.147	6.201
	23	Normal	9.924	10.026	10.128	10.230	10.333	10.435	10.537	10.640	10.742	10.844	10.947	11.049	11.151	11.253	11.356	11.458	11.560	11.663	11.765	11.867
		FCD-1.8x	5.457	5.514	5.570	5.626	5.682	5.739	5.795	5.851	5.907	5.964	6.020	6.076	6.132	6.189	6.245	6.301	6.357	6.414	6.470	6.526
		FCD-2.0x	4.960	5.011	5.062	5.113	5.164	5.215	5.266	5.318	5.369	5.420	5.471	5.522	5.573	5.624	5.675	5.727	5.778	5.829	5.880	5.931
	24	Normal	9.510	9.608	9.706	9.804	9.902	10.000	10.098	10.196	10.294	10.392	10.490	10.589	10.687	10.785	10.883	10.981	11.079	11.177	11.275	11.373
		FCD-1.8x	5.230	5.284	5.338	5.392	5.446	5.500	5.553	5.607	5.661	5.715	5.769	5.823	5.877	5.931	5.985	6.039	6.093	6.147	6.200	6.254
		FCD-2.0x	4.753	4.802	4.851	4.900	4.949	4.998	5.047	5.096	5.145	5.194	5.243	5.292	5.341	5.390	5.439	5.488	5.537	5.586	5.635	5.684
	25	Normal	9.130	9.224	9.318	9.412	9.506	9.600	9.694	9.788	9.883	9.977	10.071	10.165	10.259	10.353	10.447	10.541	10.636	10.730	10.824	10.918
		FCD-1.8x	5.021	5.072	5.124	5.176	5.228	5.280	5.331	5.383	5.435	5.487	5.538	5.590	5.642	5.694	5.745	5.797	5.849	5.901	5.952	6.004
		FCD-2.0x	4.563	4.610	4.657	4.704	4.751	4.798	4.845	4.892	4.939	4.986	5.033	5.080	5.127	5.174	5.221	5.268	5.316	5.363	5.410	5.457
	26	Normal	8.779	8.869	8.960	9.050	9.141	9.231	9.322	9.412	9.503	9.593	9.684	9.774	9.865	9.955	10.046	10.136	10.227	10.317	10.408	10.498
		FCD-1.8x	4.828	4.877	4.927	4.977	5.027	5.076	5.126	5.176	5.226	5.276	5.325	5.375	5.425	5.475	5.524	5.574	5.624	5.674	5.723	5.773
		FCD-2.0x	4.387	4.433	4.478	4.523	4.568	4.614	4.659	4.704	4.749	4.794	4.840	4.885	4.930	4.975	5.021	5.066	5.111	5.156	5.202	5.247
	27	Normal	8.453	8.541	8.628	8.715	8.802	8.889	8.976	9.063	9.151	9.238	9.325	9.412	9.499	9.586	9.673	9.761	9.848	9.935	10.022	10.109
		FCD-1.8x	4.649	4.697	4.745	4.793	4.841	4.888	4.936	4.984	5.032	5.080	5.128	5.176	5.224	5.272	5.320	5.368	5.416	5.464	5.511	5.559
		FCD-2.0x	4.225	4.268	4.312	4.356	4.399	4.443	4.486	4.530	4.573	4.617	4.660	4.704	4.748	4.791	4.835	4.878	4.922	4.965	5.009	5.052
	28	Normal	8.151	8.236	8.320	8.404	8.488	8.572	8.656	8.740	8.824	8.908	8.992	9.076	9.160	9.244	9.328	9.412	9.496	9.580	9.664	9.748
		FCD-1.8x	4.483	4.529	4.575	4.621	4.668	4.714	4.760	4.806	4.853	4.899	4.945	4.991	5.037	5.084	5.130	5.176	5.222	5.268	5.315	5.361
		FCD-2.0x	4.074	4.116	4.158	4.200	4.242	4.284	4.326	4.368	4.410	4.452	4.494	4.536	4.578	4.620	4.662	4.704	4.746	4.788	4.830	4.872
	29	Normal	7.870	7.952	8.033	8.114	8.195	8.276	8.357	8.438	8.519	8.601	8.682	8.763	8.844	8.925	9.006	9.087	9.169	9.250	9.331	9.412
		FCD-1.8x	4.328	4.373	4.417	4.462	4.507	4.551	4.596	4.641	4.685	4.730	4.774	4.819	4.864	4.908	4.953	4.998	5.042	5.087	5.131	5.176
		FCD-2.0x	3.934	3.974	4.015	4.055	4.096	4.136	4.177	4.217	4.258	4.298	4.339	4.380	4.420	4.461	4.501	4.542	4.582	4.623	4.663	4.704
	30	Normal	7.608	7.686	7.765	7.843	7.922	8.000	8.079	8.157	8.236	8.314	8.392	8.471	8.549	8.628	8.706	8.785	8.863	8.941	9.020	9.098
		FCD-1.8x	4.184	4.227	4.270	4.313	4.356	4.400	4.443	4.486	4.529	4.572	4.615	4.658	4.702	4.745	4.788	4.831	4.874	4.917	4.960	5.003
		FCD-2.0x	3.802	3.842	3.881	3.920	3.959	3.998	4.038	4.077	4.116	4.155	4.194	4.234	4.273	4.312	4.351	4.390	4.430	4.469	4.508	4.547
	31	Normal	7.363	7.439	7.514	7.590	7.666	7.742	7.818	7.894	7.970	8.046	8.122	8.198	8.273	8.349	8.425	8.501	8.577	8.653	8.729	8.805
		FCD-1.8x	4.049	4.091	4.132	4.174	4.216	4.258	4.299	4.341	4.383	4.425	4.466	4.508	4.550	4.592	4.633	4.675	4.717	4.759	4.800	4.842
		FCD-2.0x	3.680	3.718	3.756	3.794	3.831	3.869	3.907	3.945	3.983	4.021	4.059	4.097	4.135	4.173	4.211	4.249	4.287	4.325	4.363	4.401
	32	Normal	7.133	7.206	7.280	7.353	7.427	7.500	7.574	7.647	7.721	7.794	7.868	7.941	8.015	8.088	8.162	8.236	8.309	8.383	8.456	8.530
		FCD-1.8x	3.922	3.963	4.003	4.044	4.084	4.125	4.165	4.206	4.246	4.286	4.327	4.367	4.408	4.448	4.489	4.529	4.569	4.610	4.650	4.691
		FCD-2.0x	3.565	3.602	3.638	3.675	3.712	3.749	3.785	3.822	3.859	3.896	3.932	3.969	4.006	4.043	4.079	4.116	4.153	4.190	4.226	4.263
	33	Normal	6.916	6.988	7.059	7.130	7.202	7.273	7.344	7.416	7.487	7.558	7.629	7.701	7.772	7.843	7.915	7.986	8.057	8.129	8.200	8.271
		FCD-1.8x	3.804	3.843	3.882	3.921	3.960	4.000	4.039	4.078	4.117	4.156	4.196	4.235	4.274	4.313	4.353	4.392	4.431	4.470	4.509	4.549
		FCD-2.0x	3.457	3.492	3.528	3.564	3.599	3.635	3.671	3.706	3.742	3.777	3.813	3.849	3.884	3.920	3.956	3.991	4.027	4.063	4.098	4.134

34	Normal	6.713	6.782	6.851	6.921	6.990	7.059	7.128	7.197	7.267	7.336	7.405	7.474	7.543	7.613	7.682	7.751	7.820	7.889	7.959	8.028
	FCD-1.8x	3.692	3.730	3.768	3.806	3.844	3.882	3.920	3.958	3.996	4.034	4.072	4.110	4.148	4.186	4.225	4.263	4.301	4.339	4.377	4.415
	FCD-2.0x	3.355	3.390	3.424	3.459	3.493	3.528	3.563	3.597	3.632	3.666	3.701	3.736	3.770	3.805	3.839	3.874	3.908	3.943	3.978	4.012
35	Normal	6.521	6.588	6.656	6.723	6.790	6.857	6.925	6.992	7.059	7.126	7.193	7.261	7.328	7.395	7.462	7.530	7.597	7.664	7.731	7.799
	FCD-1.8x	3.586	3.623	3.660	3.697	3.734	3.771	3.808	3.845	3.882	3.919	3.956	3.993	4.030	4.067	4.104	4.141	4.178	4.215	4.252	4.289
	FCD-2.0x	3.259	3.293	3.326	3.360	3.394	3.427	3.461	3.494	3.528	3.562	3.595	3.629	3.662	3.696	3.730	3.763	3.797	3.830	3.864	3.898
36	Normal	6.340	6.405	6.471	6.536	6.601	6.667	6.732	6.798	6.863	6.928	6.994	7.059	7.124	7.190	7.255	7.320	7.386	7.451	7.517	7.582
	FCD-1.8x	3.487	3.523	3.559	3.594	3.630	3.666	3.702	3.738	3.774	3.810	3.846	3.882	3.918	3.954	3.990	4.026	4.062	4.098	4.134	4.170
	FCD-2.0x	3.169	3.201	3.234	3.267	3.299	3.332	3.365	3.397	3.430	3.463	3.495	3.528	3.561	3.593	3.626	3.659	3.691	3.724	3.757	3.789
37	Normal	6.169	6.232	6.296	6.359	6.423	6.487	6.550	6.614	6.677	6.741	6.805	6.868	6.932	6.995	7.059	7.123	7.186	7.250	7.313	7.377
	FCD-1.8x	3.392	3.427	3.462	3.497	3.532	3.567	3.602	3.637	3.672	3.707	3.742	3.777	3.812	3.847	3.882	3.917	3.952	3.987	4.022	4.057
	FCD-2.0x	3.083	3.115	3.147	3.178	3.210	3.242	3.274	3.306	3.337	3.369	3.401	3.433	3.464	3.496	3.528	3.560	3.592	3.623	3.655	3.687
38	Normal	6.006	6.068	6.130	6.192	6.254	6.316	6.378	6.440	6.502	6.564	6.626	6.687	6.749	6.811	6.873	6.935	6.997	7.059	7.121	7.183
	FCD-1.8x	3.303	3.337	3.371	3.405	3.439	3.473	3.507	3.541	3.576	3.610	3.644	3.678	3.712	3.746	3.780	3.814	3.848	3.882	3.916	3.950
	FCD-2.0x	3.002	3.033	3.064	3.095	3.126	3.157	3.188	3.219	3.249	3.280	3.311	3.342	3.373	3.404	3.435	3.466	3.497	3.528	3.559	3.590
39	Normal	5.852	5.913	5.973	6.033	6.094	6.154	6.214	6.275	6.335	6.395	6.456	6.516	6.576	6.637	6.697	6.757	6.818	6.878	6.938	6.999
	FCD-1.8x	3.218	3.252	3.285	3.318	3.351	3.384	3.417	3.451	3.484	3.517	3.550	3.583	3.617	3.650	3.683	3.716	3.749	3.782	3.816	3.849
	FCD-2.0x	2.925	2.955	2.985	3.015	3.046	3.076	3.106	3.136	3.166	3.196	3.226	3.257	3.287	3.317	3.347	3.377	3.407	3.438	3.468	3.498
40	Normal	5.706	5.765	5.824	5.883	5.941	6.000	6.059	6.118	6.177	6.235	6.294	6.353	6.412	6.471	6.530	6.588	6.647	6.706	6.765	6.824
	FCD-1.8x	3.138	3.170	3.203	3.235	3.267	3.300	3.332	3.364	3.397	3.429	3.461	3.494	3.526	3.559	3.591	3.623	3.656	3.688	3.720	3.753
	FCD-2.0x	2.852	2.881	2.911	2.940	2.969	2.999	3.028	3.058	3.087	3.116	3.146	3.175	3.205	3.234	3.263	3.293	3.322	3.352	3.381	3.410
41	Normal	5.567	5.624	5.682	5.739	5.796	5.854	5.911	5.969	6.026	6.083	6.141	6.198	6.256	6.313	6.370	6.428	6.485	6.542	6.600	6.657
	FCD-1.8x	3.061	3.093	3.125	3.156	3.188	3.219	3.251	3.282	3.314	3.345	3.377	3.409	3.440	3.472	3.503	3.535	3.566	3.598	3.630	3.661
	FCD-2.0x	2.782	2.811	2.840	2.868	2.897	2.926	2.954	2.983	3.012	3.040	3.069	3.098	3.126	3.155	3.184	3.212	3.241	3.270	3.299	3.327
42	Normal	5.434	5.490	5.546	5.602	5.658	5.714	5.770	5.826	5.883	5.939	5.995	6.051	6.107	6.163	6.219	6.275	6.331	6.387	6.443	6.499
	FCD-1.8x	2.989	3.019	3.050	3.081	3.112	3.143	3.173	3.204	3.235	3.266	3.297	3.327	3.358	3.389	3.420	3.451	3.481	3.512	3.543	3.574
	FCD-2.0x	2.716	2.744	2.772	2.800	2.828	2.856	2.884	2.912	2.940	2.968	2.996	3.024	3.052	3.080	3.108	3.136	3.164	3.192	3.220	3.248
43	Normal	5.308	5.363	5.417	5.472	5.527	5.582	5.636	5.691	5.746	5.800	5.855	5.910	5.965	6.019	6.074	6.129	6.183	6.238	6.293	6.348
	FCD-1.8x	2.919	2.949	2.979	3.009	3.039	3.069	3.100	3.130	3.160	3.190	3.220	3.250	3.280	3.310	3.340	3.370	3.401	3.431	3.461	3.491
	FCD-2.0x	2.653	2.680	2.708	2.735	2.762	2.790	2.817	2.844	2.872	2.899	2.926	2.954	2.981	3.008	3.036	3.063	3.090	3.118	3.145	3.172
44	Normal	5.187	5.241	5.294	5.348	5.401	5.455	5.508	5.562	5.615	5.669	5.722	5.776	5.829	5.883	5.936	5.989	6.043	6.096	6.150	6.203
	FCD-1.8x	2.853	2.882	2.912	2.941	2.970	3.000	3.029	3.059	3.088	3.117	3.147	3.176	3.206	3.235	3.264	3.294	3.323	3.353	3.382	3.411
	FCD-2.0x	2.593	2.619	2.646	2.673	2.699	2.726	2.753	2.780	2.806	2.833	2.860	2.887	2.913	2.940	2.967	2.993	3.020	3.047	3.074	3.100
45	Normal	5.072	5.124	5.177	5.229	5.281	5.333	5.386	5.438	5.490	5.543	5.595	5.647	5.699	5.752	5.804	5.856	5.909	5.961	6.013	6.066
	FCD-1.8x	2.789	2.818	2.847	2.876	2.904	2.933	2.962	2.991	3.019	3.048	3.077	3.106	3.134	3.163	3.192	3.221	3.249	3.278	3.307	3.336
	FCD-2.0x	2.535	2.561	2.587	2.613	2.639	2.666	2.692	2.718	2.744	2.770	2.796	2.822	2.849	2.875	2.901	2.927	2.953	2.979	3.005	3.031
46	Normal	4.962	5.013	5.064	5.115	5.166	5.218	5.269	5.320	5.371	5.422	5.473	5.524	5.576	5.627	5.678	5.729	5.780	5.831	5.883	5.934
	FCD-1.8x	2.729	2.757	2.785	2.813	2.841	2.869	2.897	2.926	2.954	2.982	3.010	3.038	3.066	3.094	3.122	3.151	3.179	3.207	3.235	3.263
	FCD-2.0x	2.480	2.505	2.531	2.557	2.582	2.608	2.633	2.659	2.684	2.710	2.735	2.761	2.787	2.812	2.838	2.863	2.889	2.914	2.940	2.966
47	Normal	4.856	4.906	4.956	5.006	5.056	5.107	5.157	5.207	5.257	5.307	5.357	5.407	5.457	5.507	5.557	5.607	5.657	5.707	5.757	5.807
	FCD-1.8x	2.671	2.698	2.726	2.753	2.781	2.808	2.836	2.863	2.891	2.918	2.946	2.973	3.001	3.029	3.056	3.084	3.111	3.139	3.166	3.194
	FCD-2.0x	2.427	2.452	2.477	2.502	2.527	2.552	2.577	2.602	2.627	2.652	2.677	2.702	2.727	2.752	2.777	2.802	2.827	2.852	2.877	2.902
48	Normal	4.755	4.804	4.853	4.902	4.951	5.000	5.049	5.098	5.147	5.196	5.245	5.294	5.343	5.392	5.441	5.490	5.539	5.588	5.637	5.686
	FCD-1.8x	2.615	2.642	2.669	2.696	2.723	2.750	2.777	2.804	2.831	2.858	2.885	2.912	2.938	2.965	2.992	3.019	3.046	3.073	3.100	3.127
	FCD-2.0x	2.377	2.401	2.426	2.450	2.475	2.499	2.524	2.548	2.573	2.597	2.622	2.646	2.671	2.695	2.720	2.744	2.769	2.793	2.818	2.842

この色の組合せは使用不可（もしくは推奨外）です。

The gearing combinations in this color cannot be used (or are not recommended) .

MEMO

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

AS A MANUFACTURER OF WORLD CHAMPIONSHIP WINNING CARS,
YOKOMO WILL CONTINUE TO PROVIDE THE BEST AVAILABLE TECHNOLOGY TO R/C ENTHUSIASTS ALL OVER THE WORLD.
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世界のブランド YOKOMO

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