MBX8R ECO

1/8 ELECTRIC

4wd racing buggy

mugen seiki

●Items required for operation
- 2ch radio set for RC car (Transmitter, Receiver, Servo)
- Batteries for transmitter
- Motor
- ESC (Electric Speed Controller)
- Batteries for RC car
- Charger
- Body paint tools
- Tires / Wheels / Inner Foam

●Required tools
- Box Wrench（5mm）
- Box Wrench（5.5mm）
- Needle Nose Pliers
- Wire Cutters
- Sharp Hobby Knife
- Scissors
- Vernier Calipers
- Solder / Soldering Iron
- Screw Lock Liquid
- Instant Glue（High-intensity）

●Neutral setting of transmitter

＊Before setting, read the instructions attached to the transmitter and ESC.

1.Turn on the transmitter.
2.Set trims of transmitter to center.
3.Set throttle side of transmitter according to the instruction manual of ESC.
4.Turn on the ESC according to the instruction manual and set the default.
5.Check if the servos move properly in accordance with the control from transmitter.
6.Turn off the ESC.
7.Turn off the transmitter.

●キット以外に必要なもの
- RCカー用プロポ（送信機、受信機、サーボ）
- 送信機用バッテリー
- モーター
- スピードコントローラー
- 車体用バッテリー
- 充電器
- ボディ塗装用の塗料
- タイヤ＆ホイール

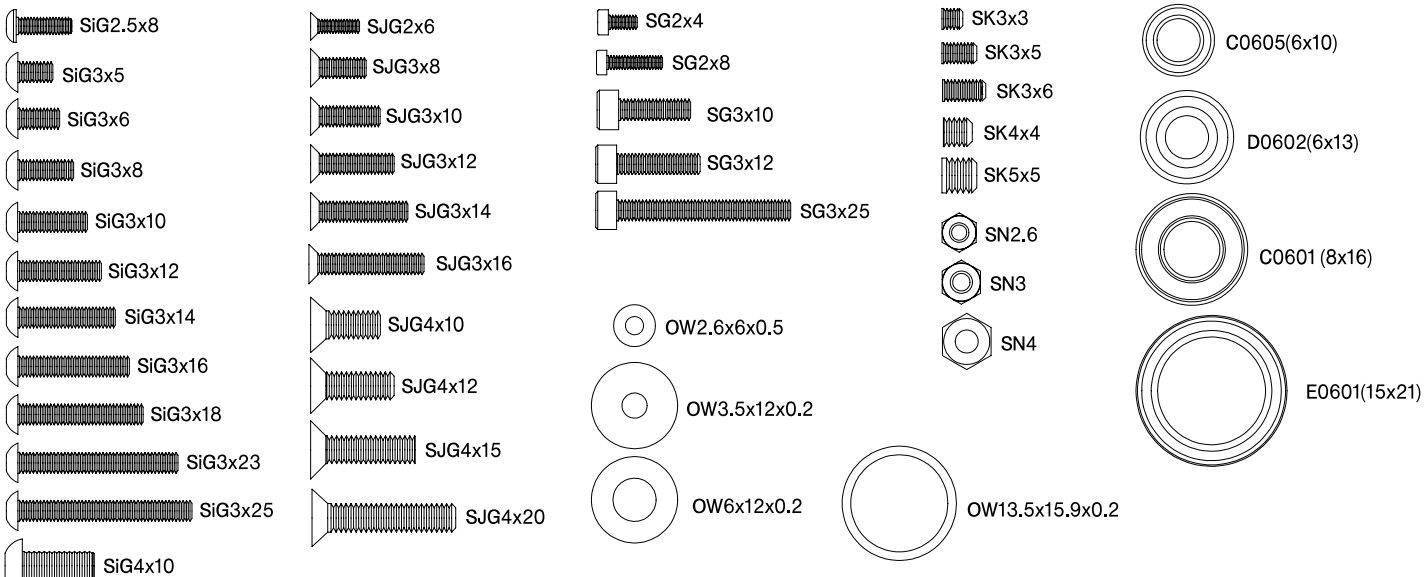
●キット製作に便利な工具類
- ボックスレンチ（5mm）
- ボックスレンチ（5.5mm）
- ラジオペンチ
- ニッパー
- カッターナイフ
- ハサミ
- ノギス
- ハンダ＆ハンダごて
- ネジロック剤
- 瞬間接着剤（高強度）

●プロポのニュートラル設定

＊使用するプロポ､スピードコントローラーに付属する取扱説明書をよく読み､事前に使用方法を理解しておいてください。

1.送信機のスイッチをONにします。
2.送信機のトリムをセンターに合わせます。
3.スピードコントローラーの説明書に従って、送信機のスロットル側の設定を行います。
4.説明書に従って、スピードコントローラーのスイッチをONにし、初期設定を行います。
5.送信機のハンドル/スティックを動かしてサーボが正常に動くか確認します。
6.スピードコントローラーのスイッチをOFFにします。
7.送信機のスイッチをOFFにします。

Screw Chart These are the actual sizes of the screws included in the kit. 使用ビス類一覧



E2028-96000/2204-001 PRODUCTS OF JAPAN

Before you start to assemble the kit, please read the instrucion manual to the end.
組立てに入る前に説明書を最後までよく見てから作業を始めて下さい。

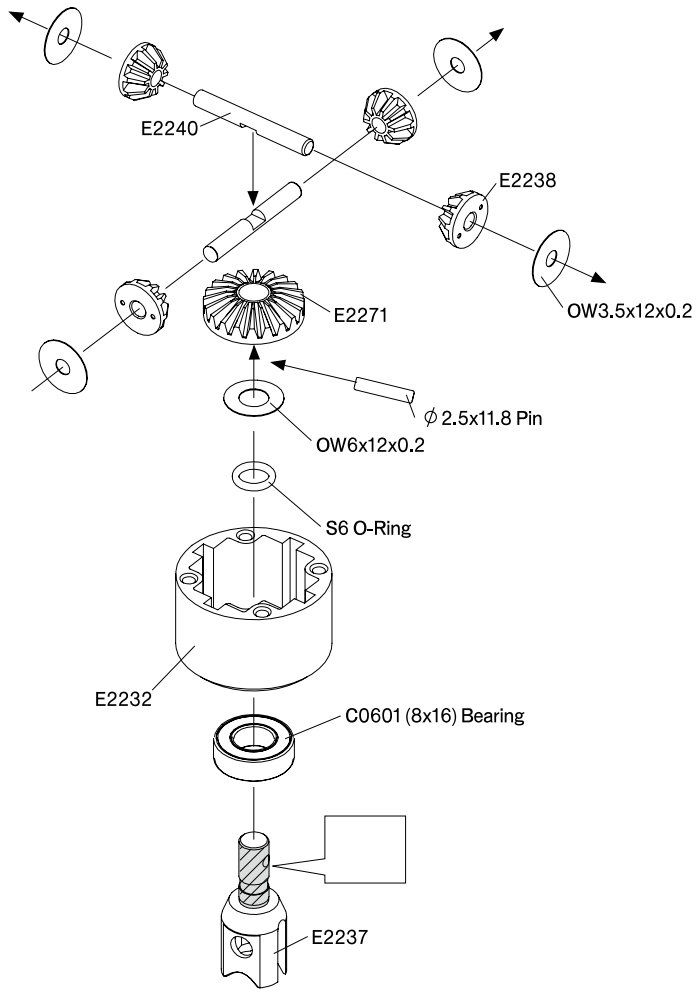
Apply Super Joint Grease.
スーパージョイントグリスを塗る。

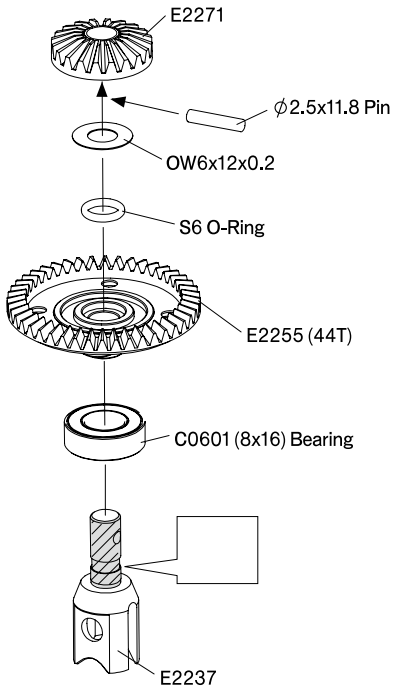
Apply Screw Lock Liquid.
ネジロック剤を塗る。

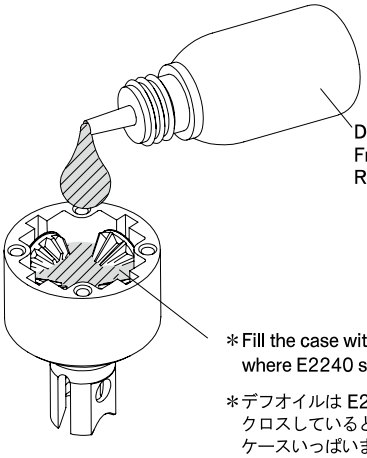
1. Front/Rear Diff. Gear

Kit Bag-A1/A2

Assemble 2 sets

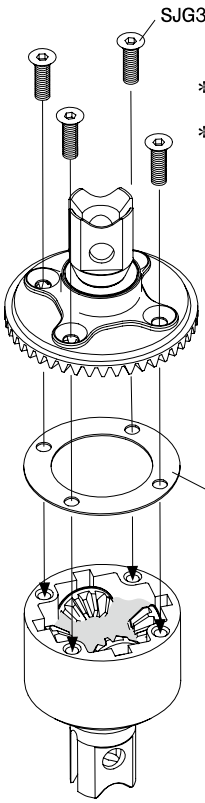






＊Fill the case with diff oil up to the point where E2240 shaft crosses.

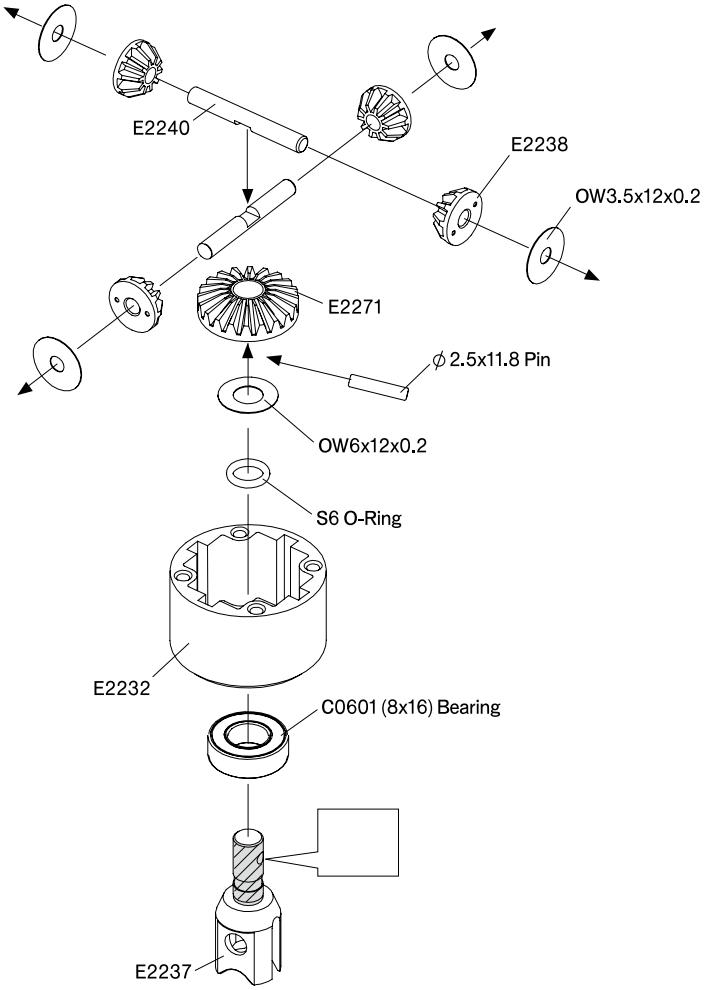
＊デフオイルは E2240 シャフトが
クロスしているところまで入れます。
ケースいっぱいまで入れないで下さい。

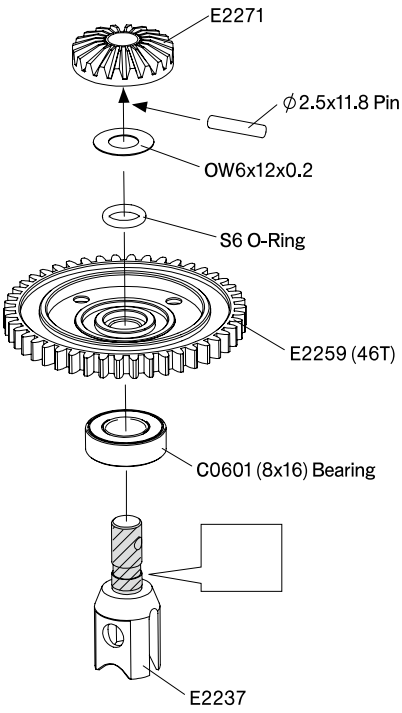


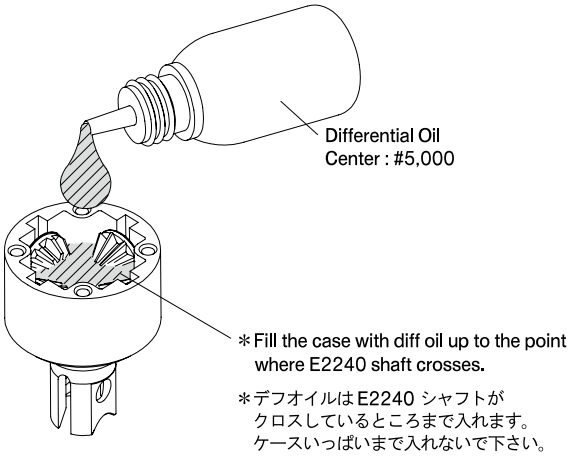
＊After first time running, retighten SJG3x12.
＊初回走行後、増し締めを行ってください。

2. Center Diff. Gear

Kit Bag-A1/A2

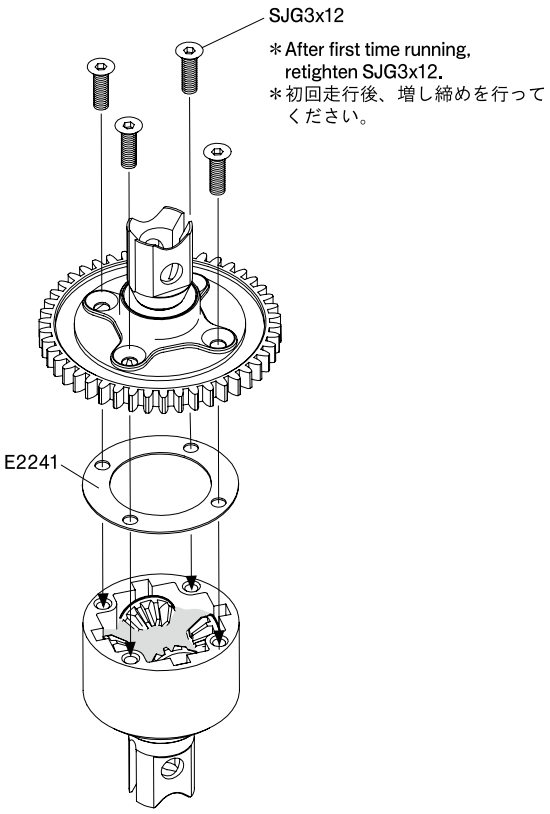






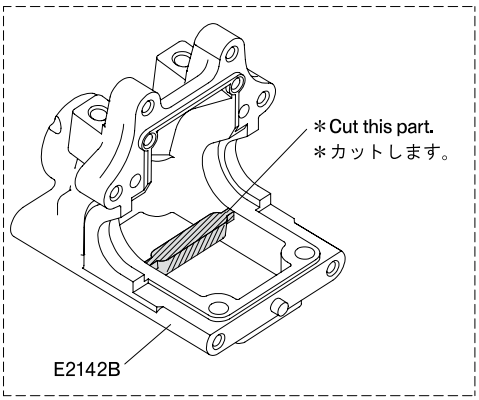
＊Fill the case with diff oil up to the point where E2240 shaft crosses.

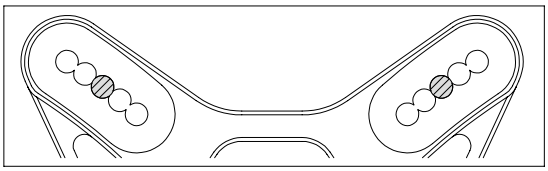
＊デフオイルはE2240 シャフトが
クロスしているところまで入れます。
ケースいっぱいまで入れないで下さい。

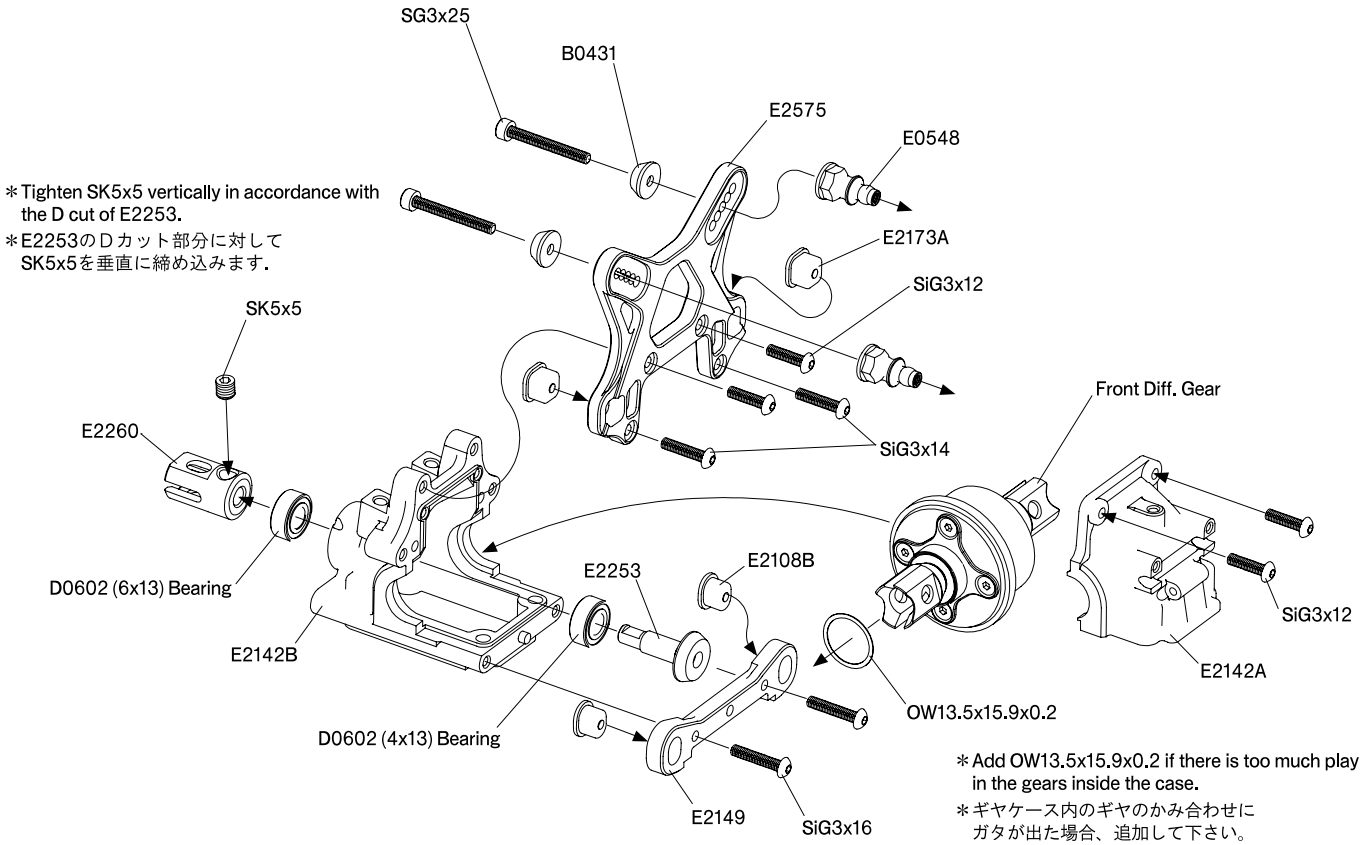


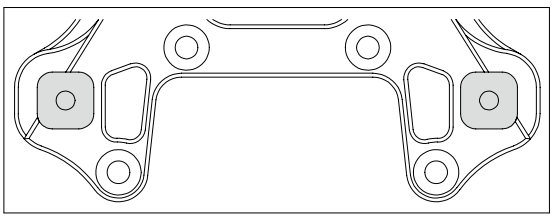
3. Front Gear Box

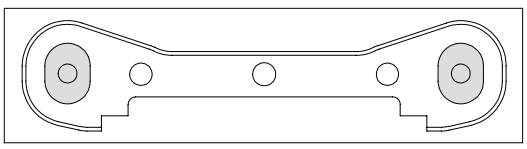
Kit Bag-B1







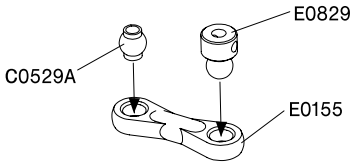




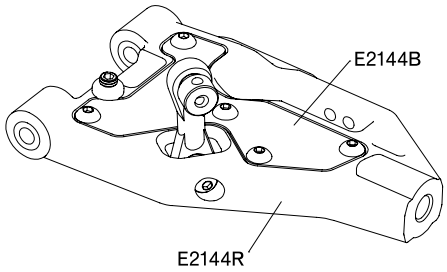
4. Front Lower Arm

Kit Bag-C1/C2

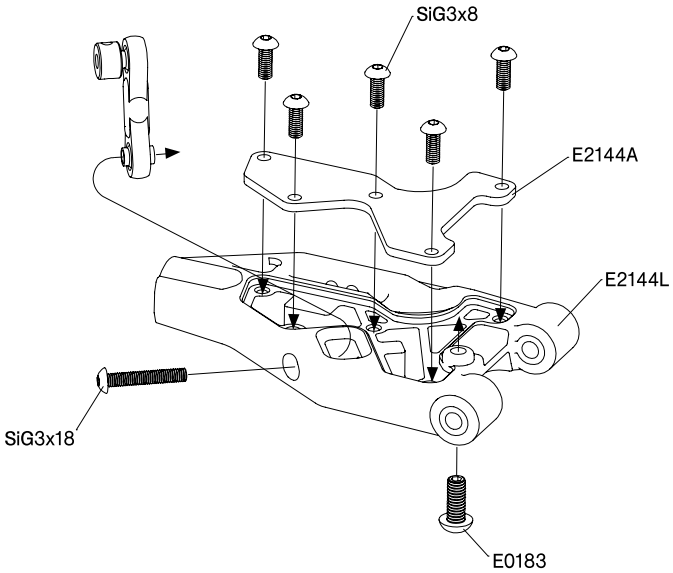
Assemble 2 sets



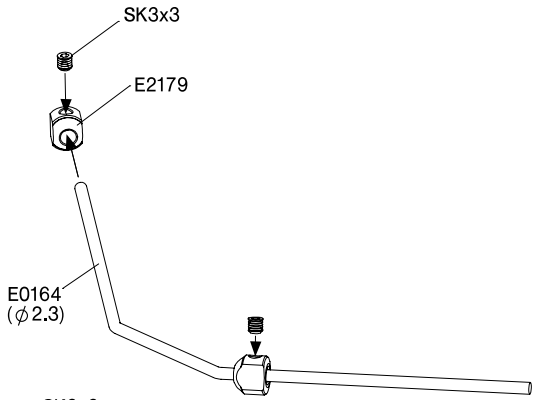
Right side

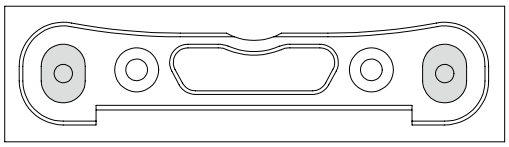


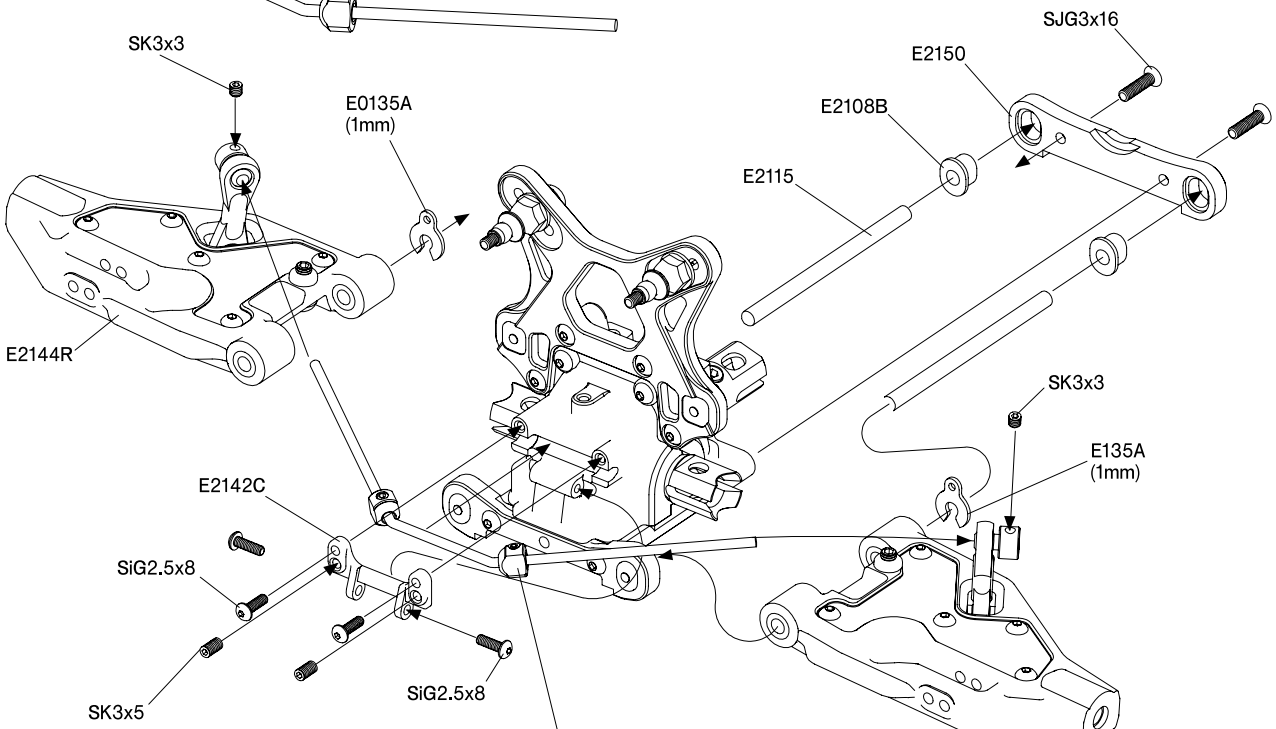
Left side



＊Adjust E0183 as per enclosed set up sheet (rebound).
＊セットアップシートを参考にE0183の締め込み量を
調整してください。

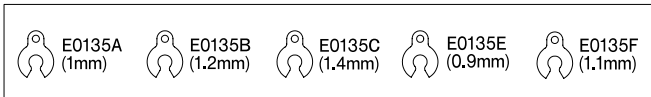






＊Screw and sdjust SK3x5 so as E0164 to move smoothly.
＊E0164がガタ無くスムーズに動くように調整します。

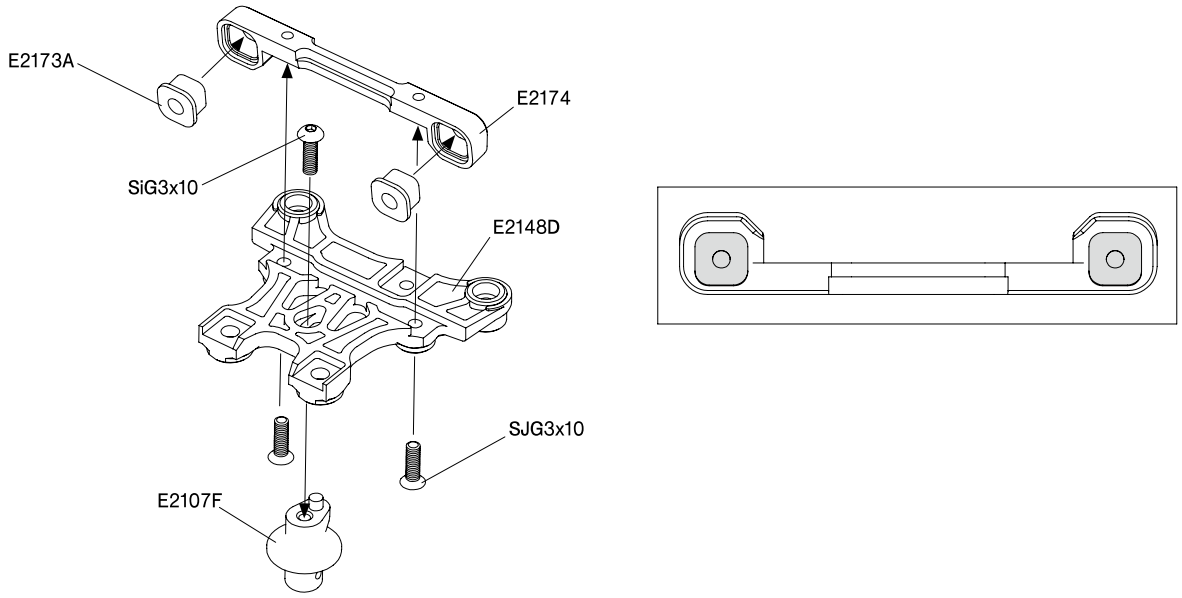
＊Adjust the left and right clearance of the anti-roll bar.
＊アンチロールバーの左右のクリアランスを調整します。

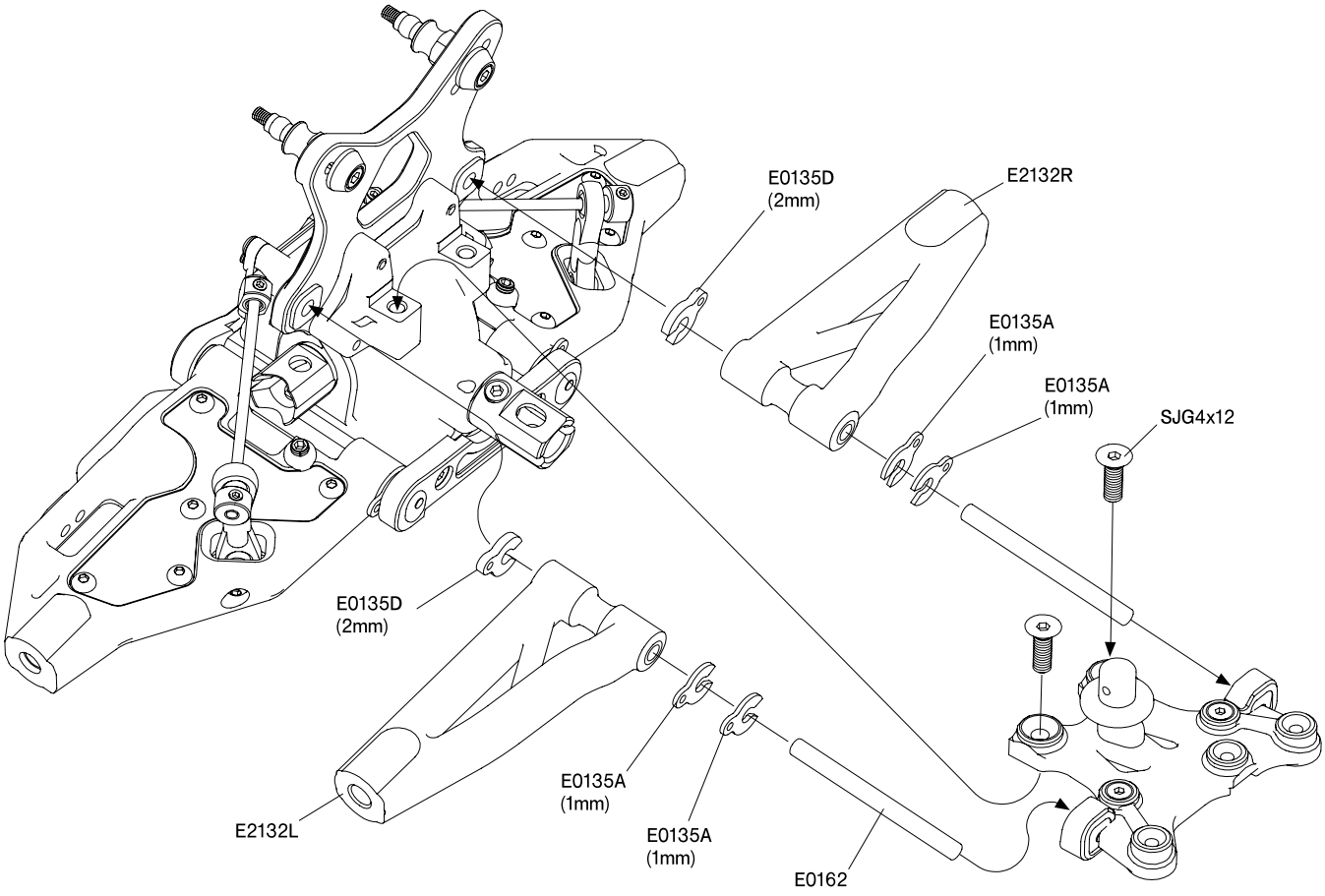


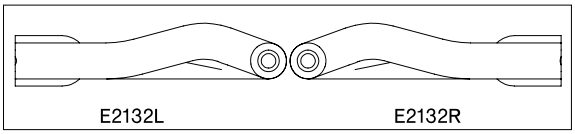
Note) Use E0135A/B/C/E/F to adjust the clearance when installing the front and rear lower arm.
注意）フロントとリヤのロワーアームを取付けた時にクリアランスが
大きい場合はE0135A/B/C/E/Fを使用して調整してください。

5. Front Upper Arm

Kit Bag-D1



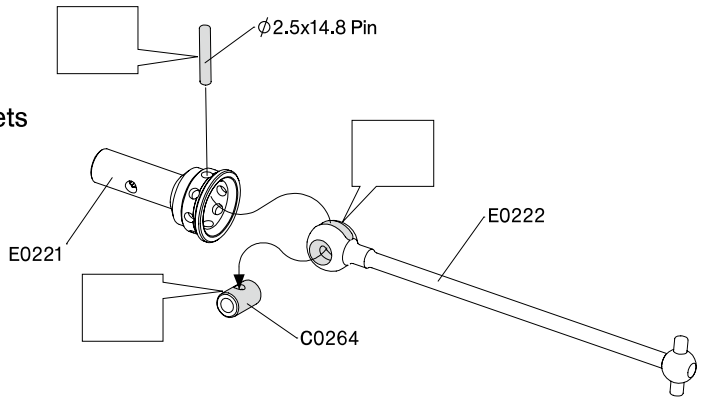




6. Front Upright

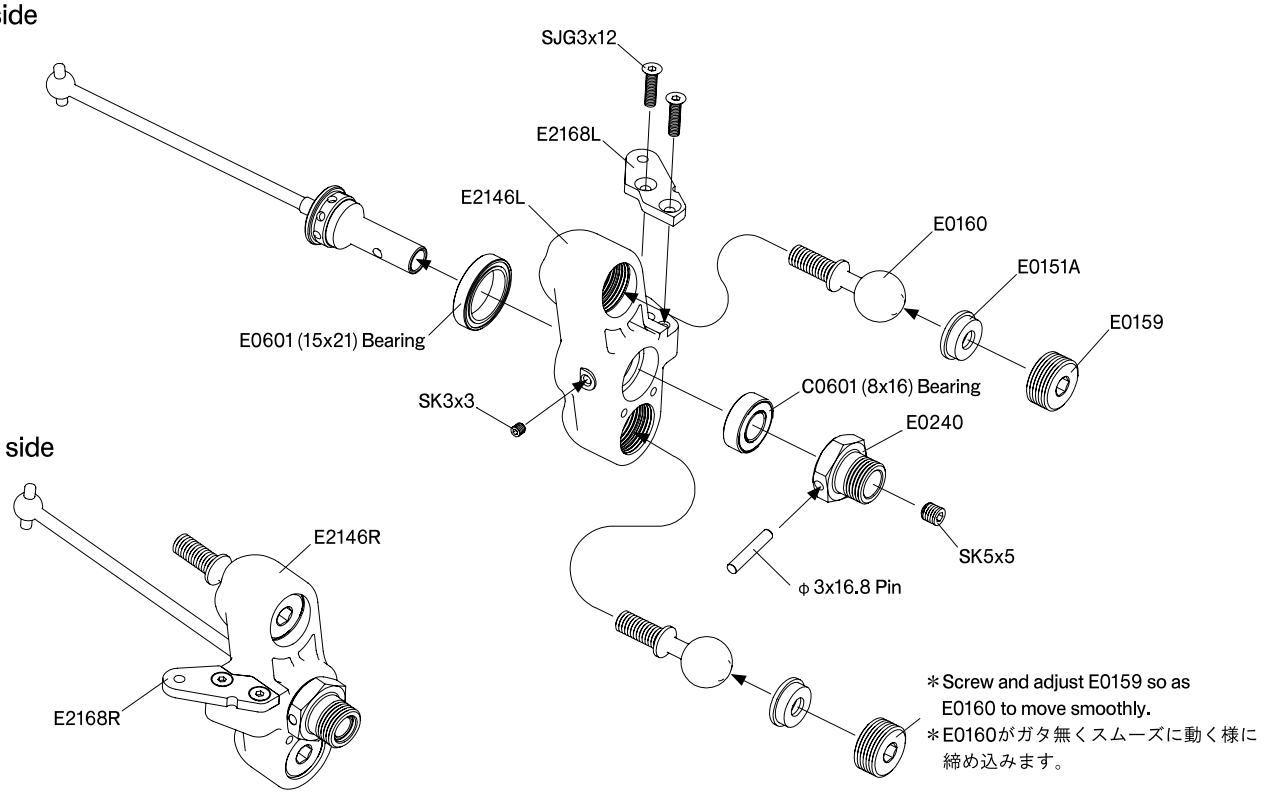
Kit Bag-D1/D2

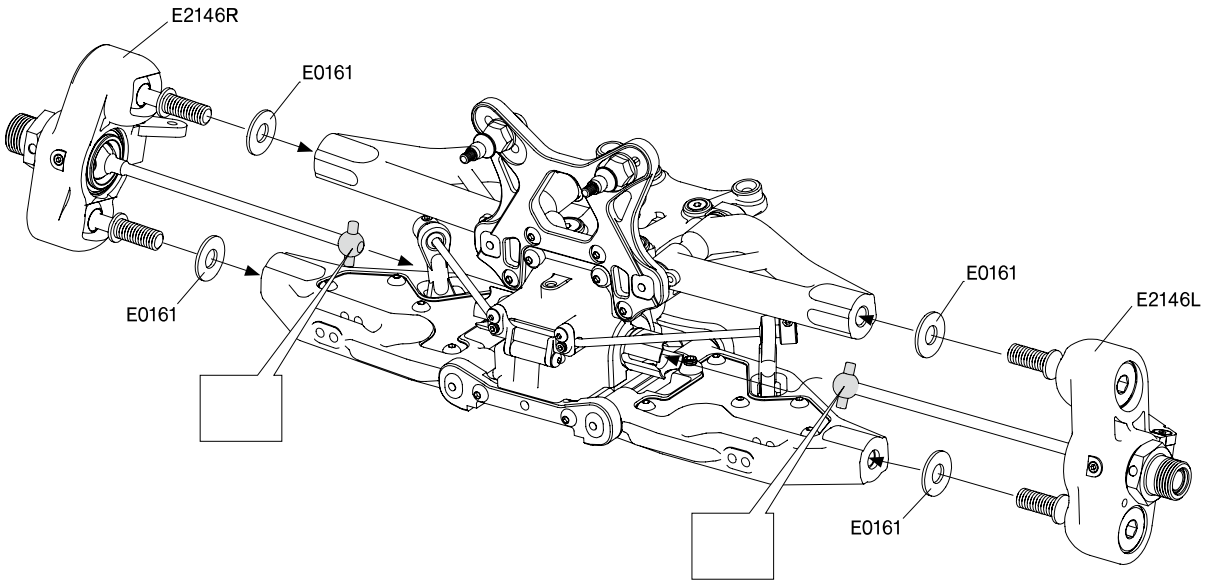
Assemble 2 sets



Left side

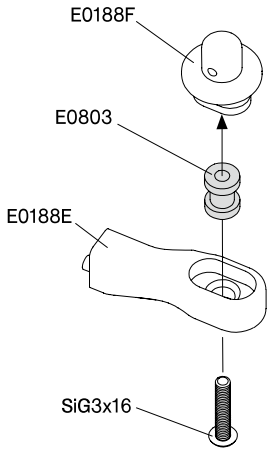
Right side

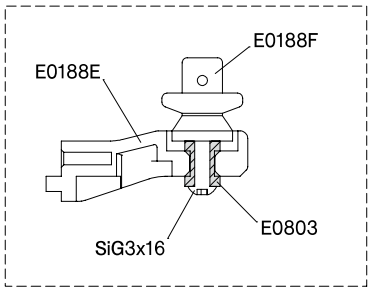


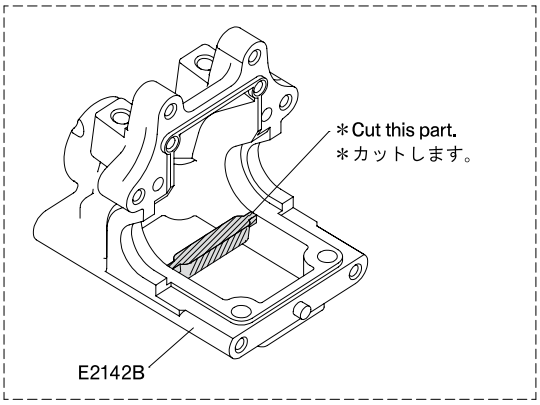


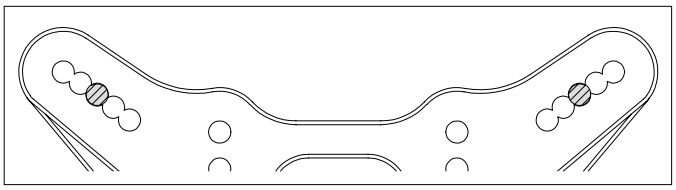
7. Rear Gear Box

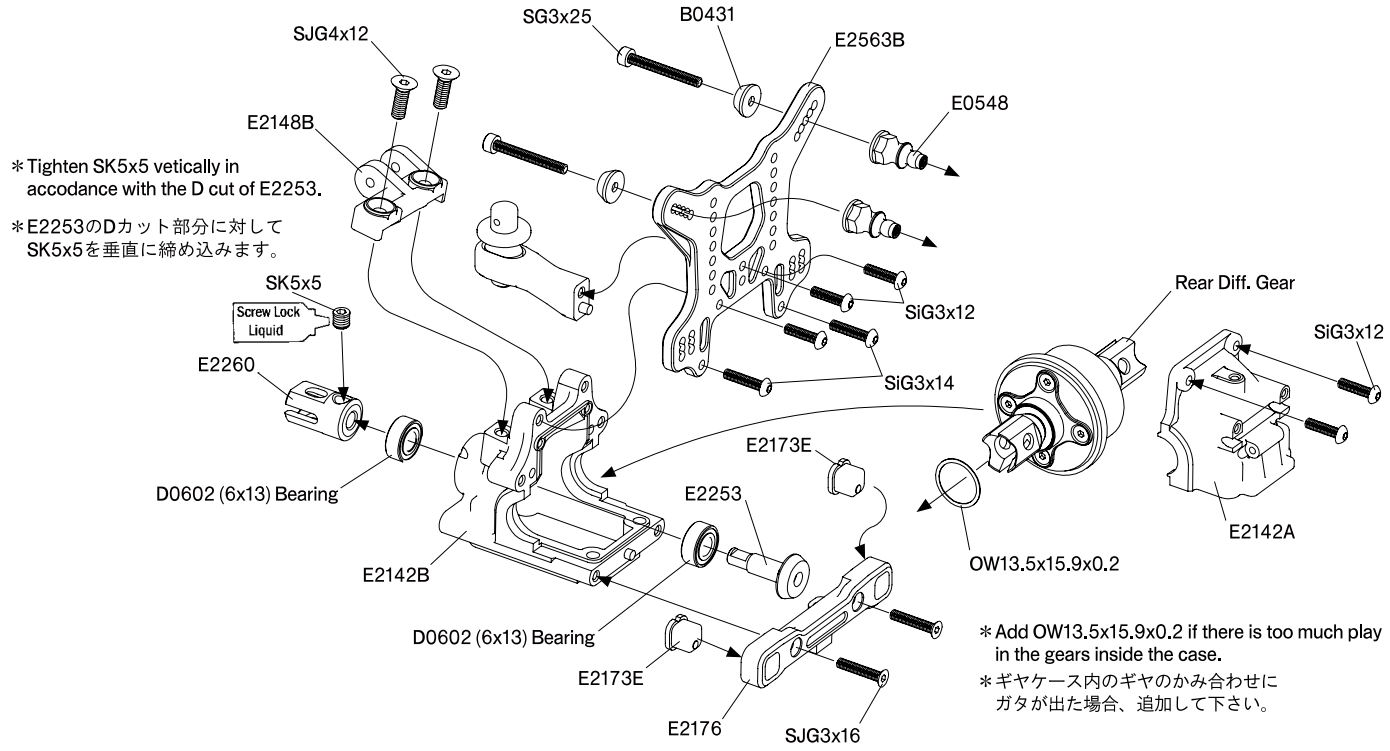
Kit Bag-E1

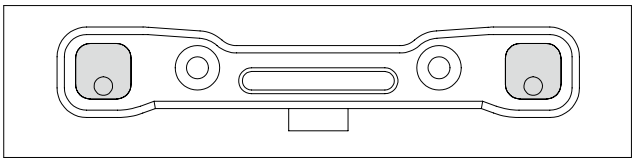


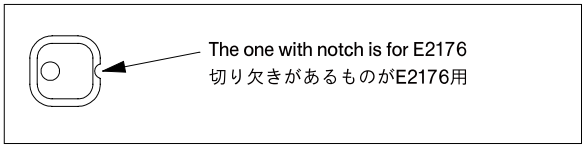








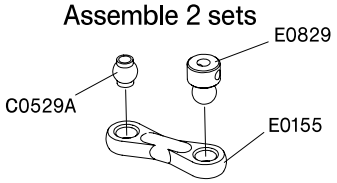




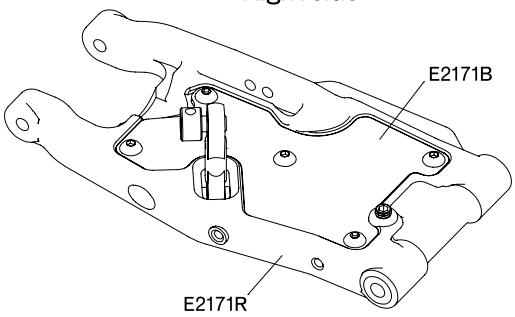
8. Rear Lower Arm

Kit Bag-F1/F2

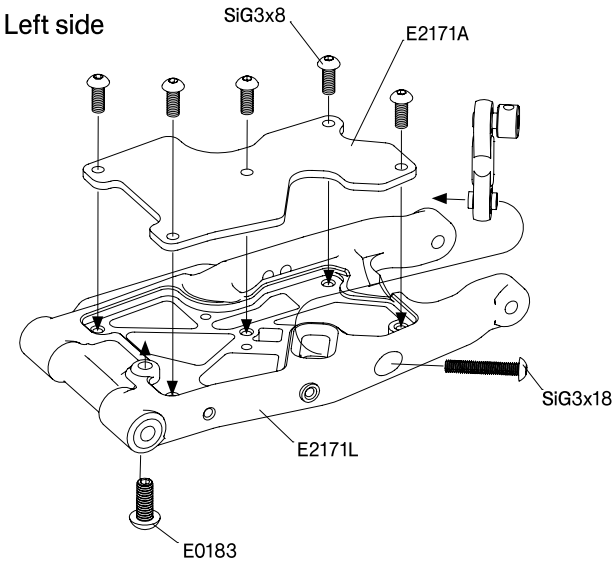
Assemble 2 sets



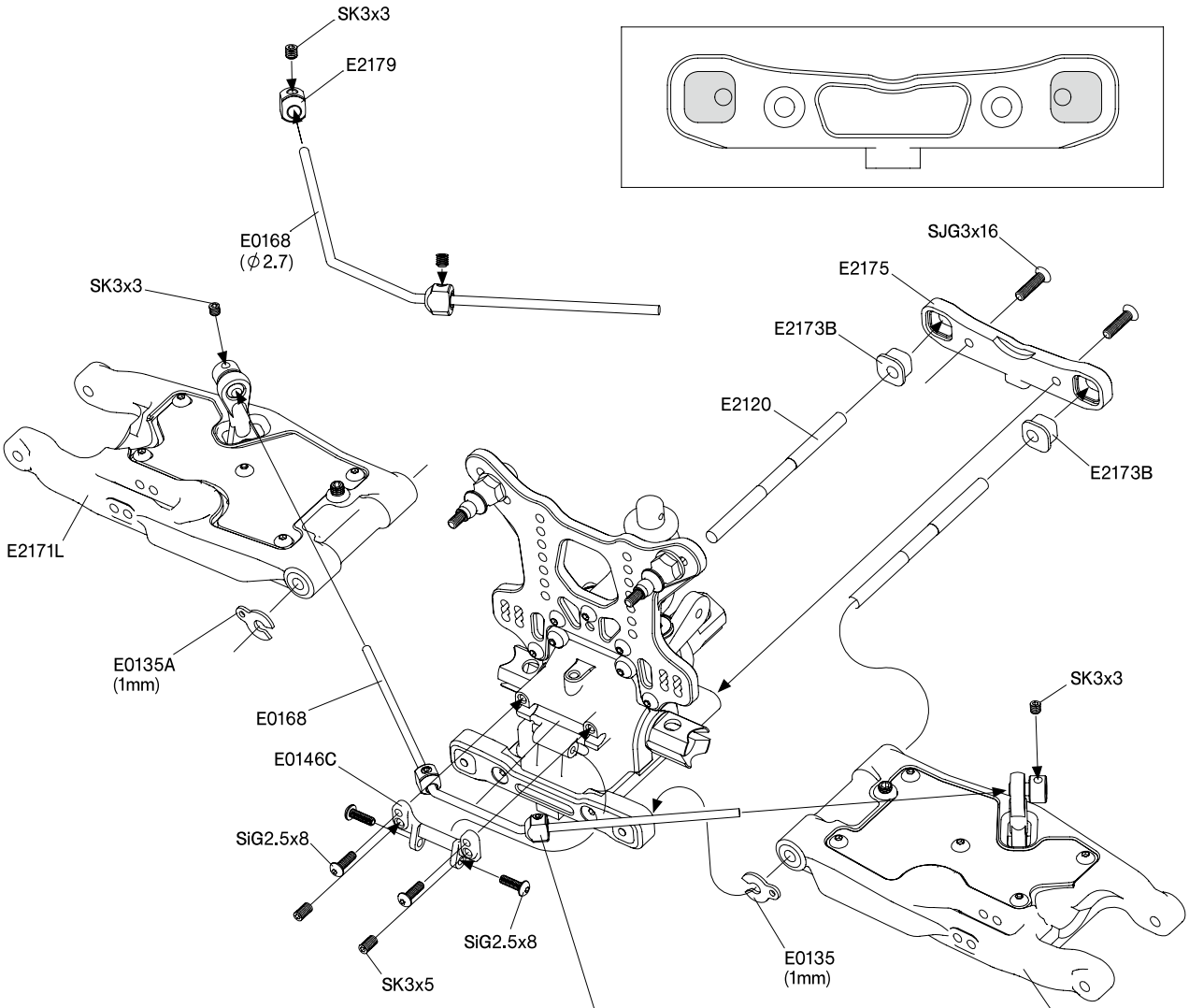
Right side



Left side



＊Adjust E0183 as per enclosed set up sheet (Droop)
＊セットアップシートを参考にE1083の締め込み量を
調整してください



＊Screw and sdjust SK3x5 so as E0168 to move smoothly.
＊E0168がガタ無くスムーズに動く様に締め込みます。

＊Adjust the left and right clearance of the anti-roll bar.
＊アンチロールバーの左右のクリアランスを調整します。

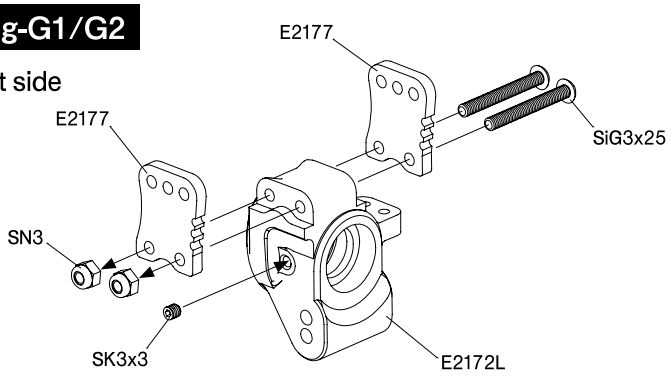
E0135A (1mm) E0135B (1.2mm) E0135C (1.4mm) E0135E (0.9mm) E0135F (1.1mm)

Note) Use E0135A/B/C/E/F to adjust the clearance when installing the front and rear lower arm.
注意）フロントとリヤのロワーアームを取付けた時にクリアランスが
大きい場合はE0135A/B/C/E/Fを使用して調整してください。

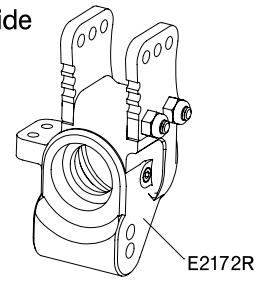
9. Rear Upright

Kit Bag-G1/G2

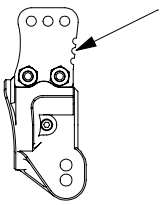
Left side



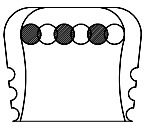
Right side



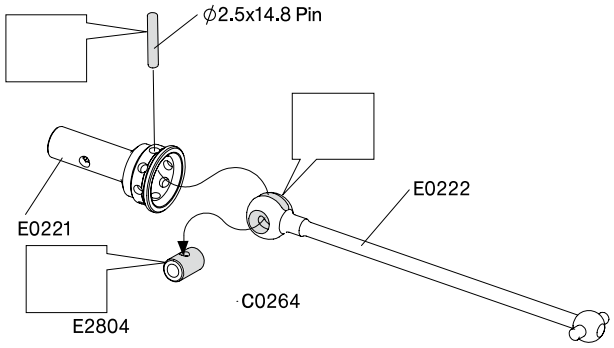
★Attention to the orientation.
★向きに注意

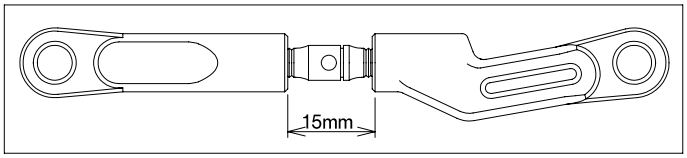


＊You can choose the middle position by reversing the notch.
＊切り欠きの向きを逆にする事で
中間の位置を選ぶことができます。

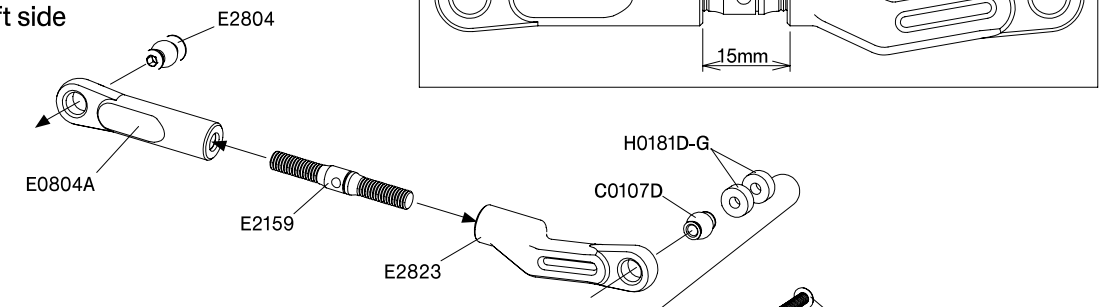


Assemble 2 sets

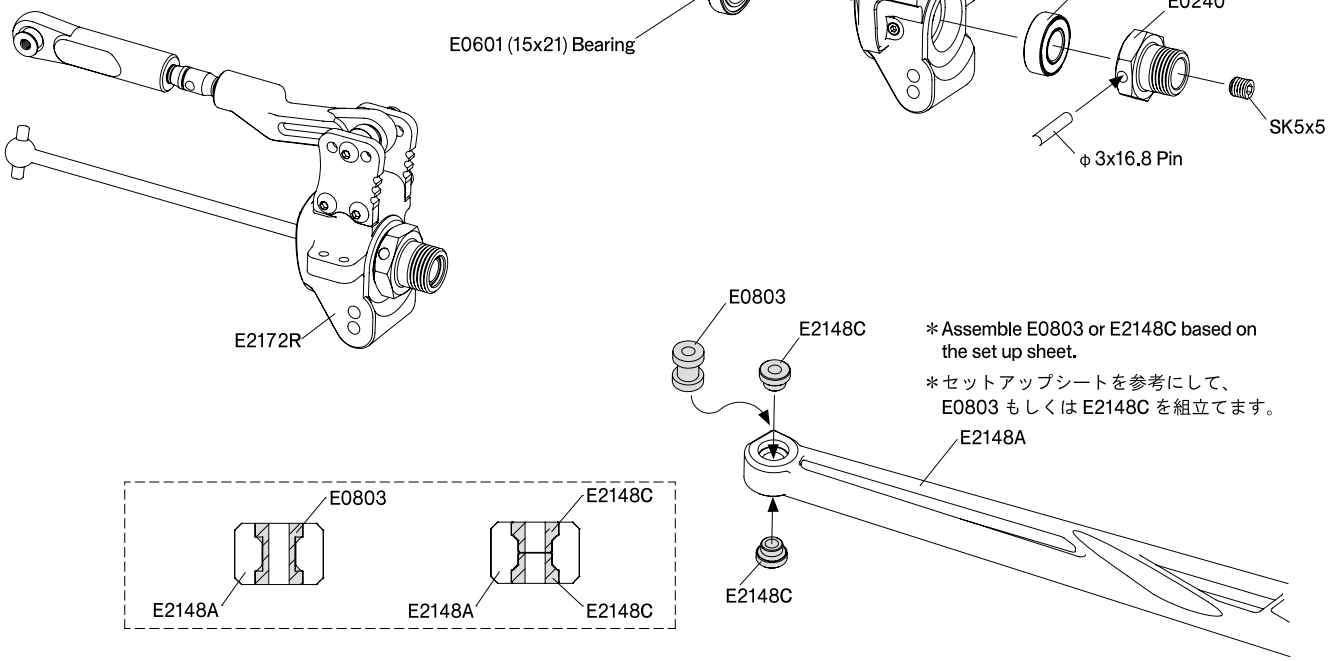




Left side

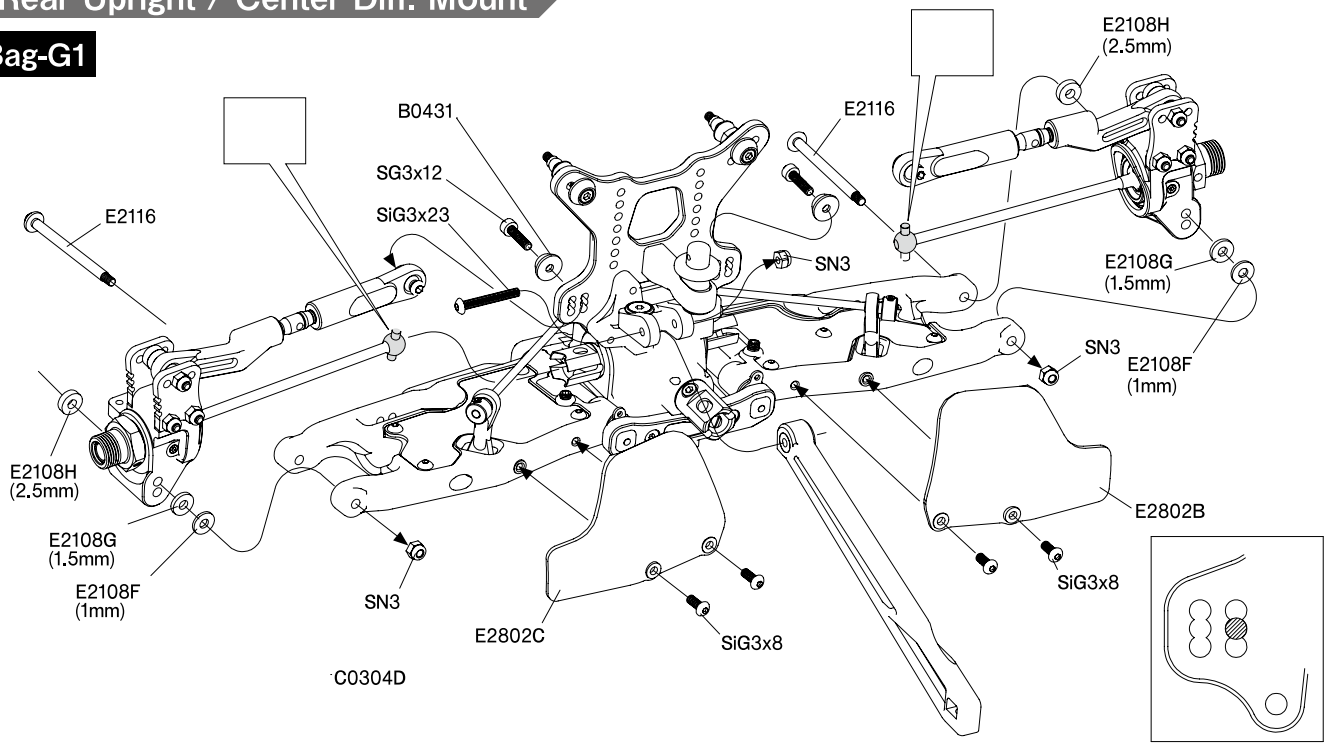


Right side



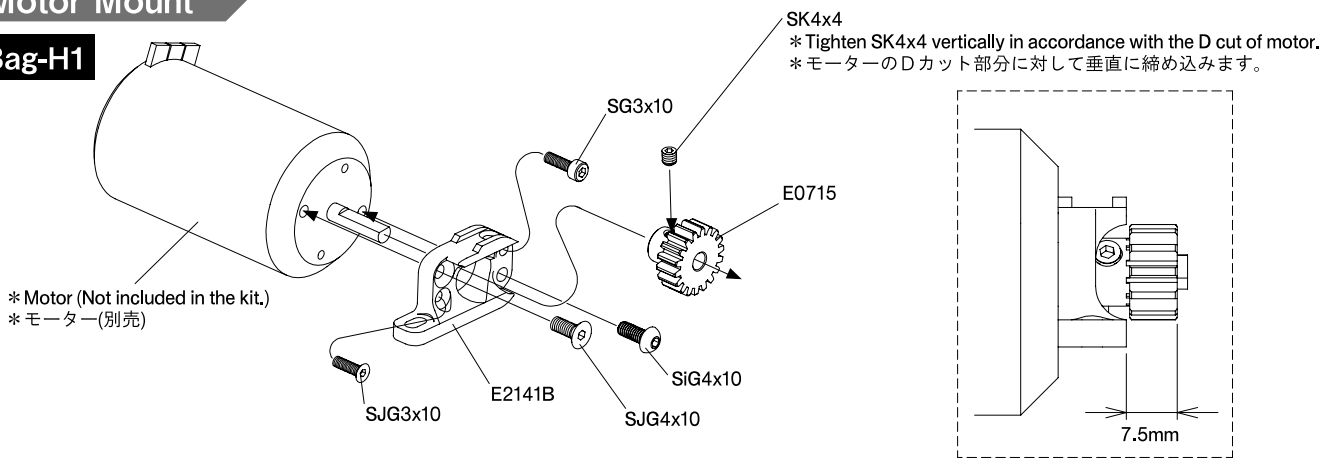
9-2. Rear Upright / Center Diff. Mount

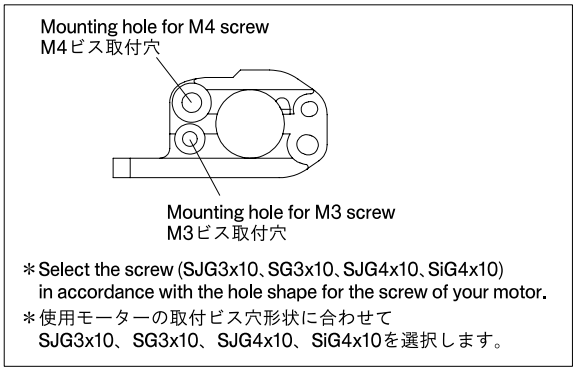
Kit Bag-G1

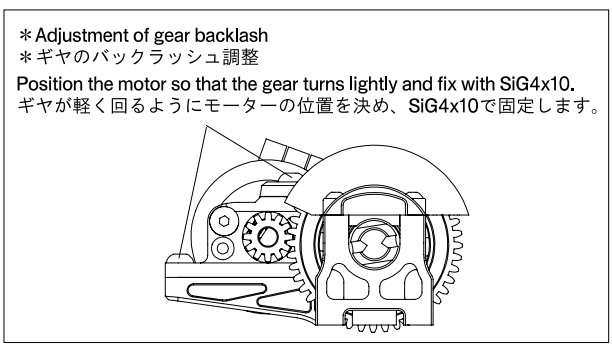


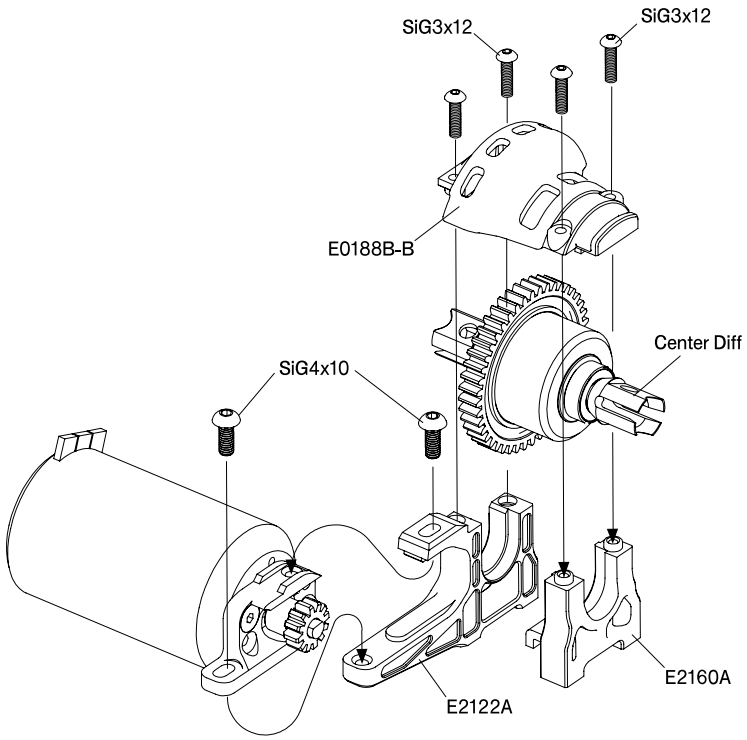
10. Motor Mount

Kit Bag-H1



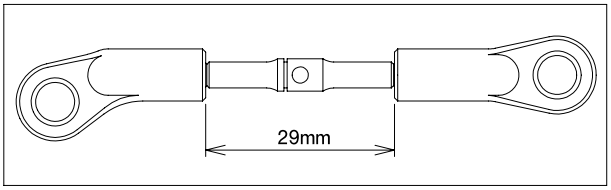


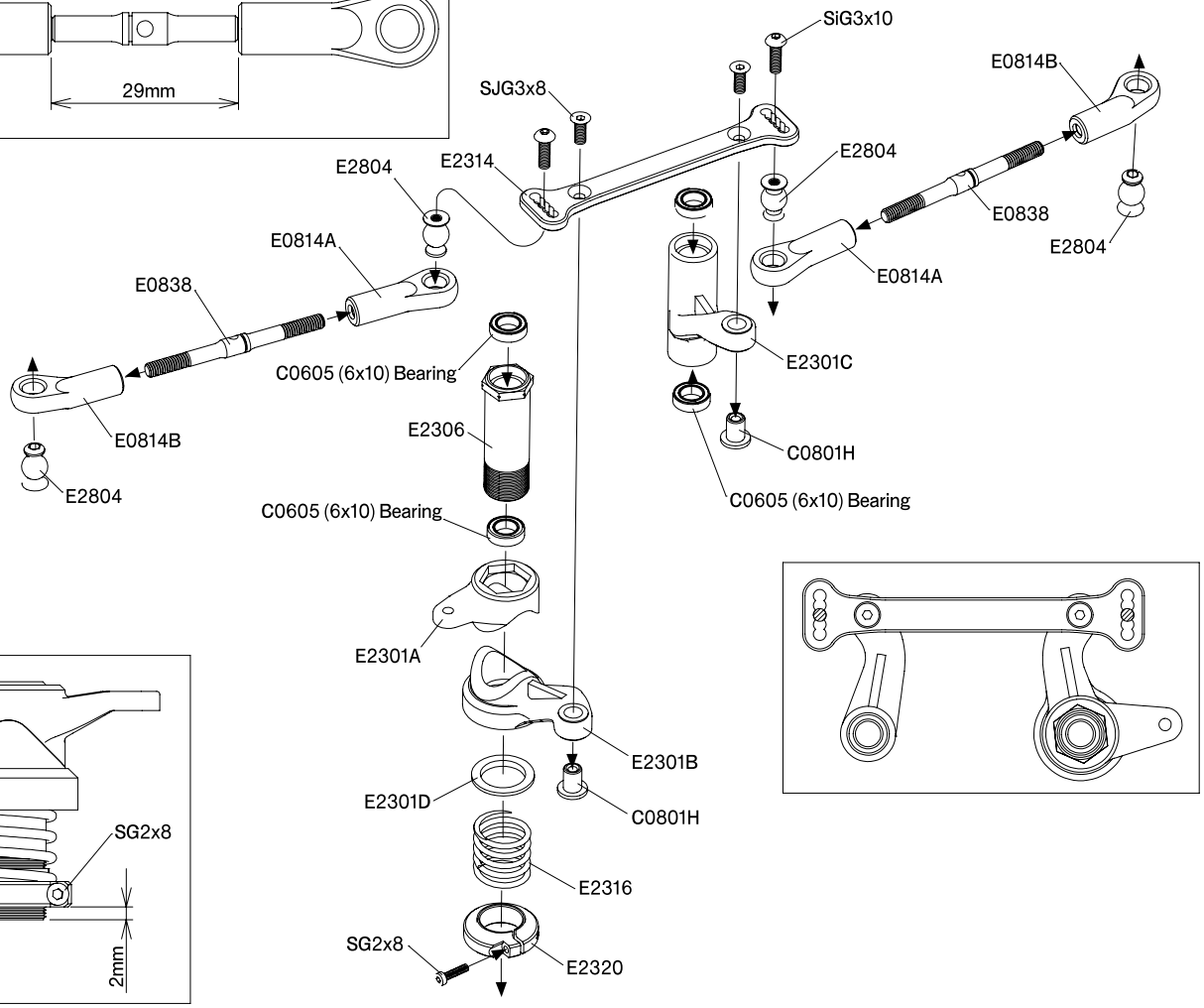




11. Servo Saver

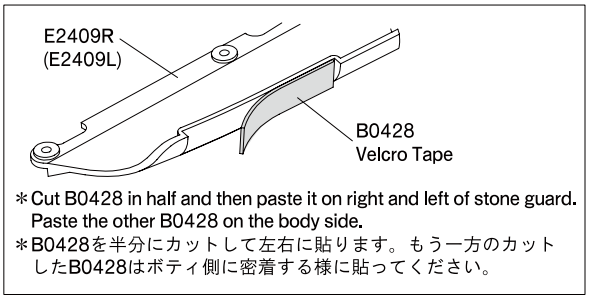
Kit Bag-H1



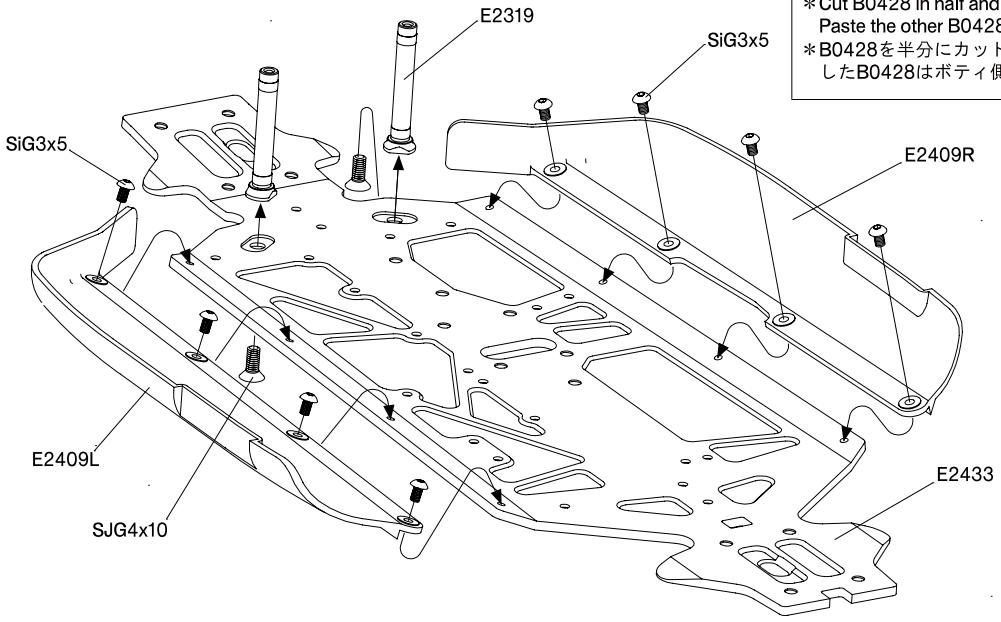


12. Chassis

Kit Bag-i1

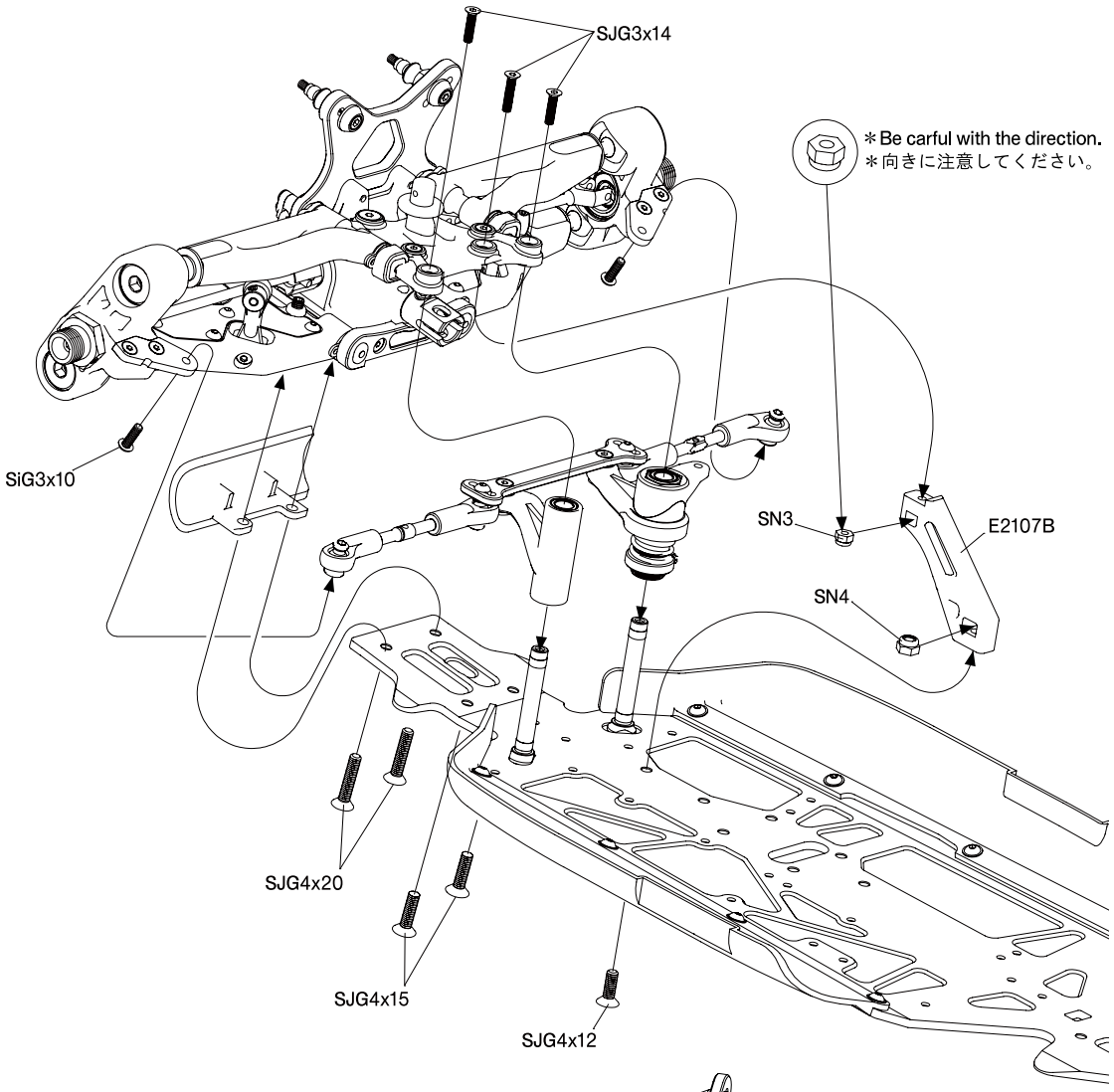


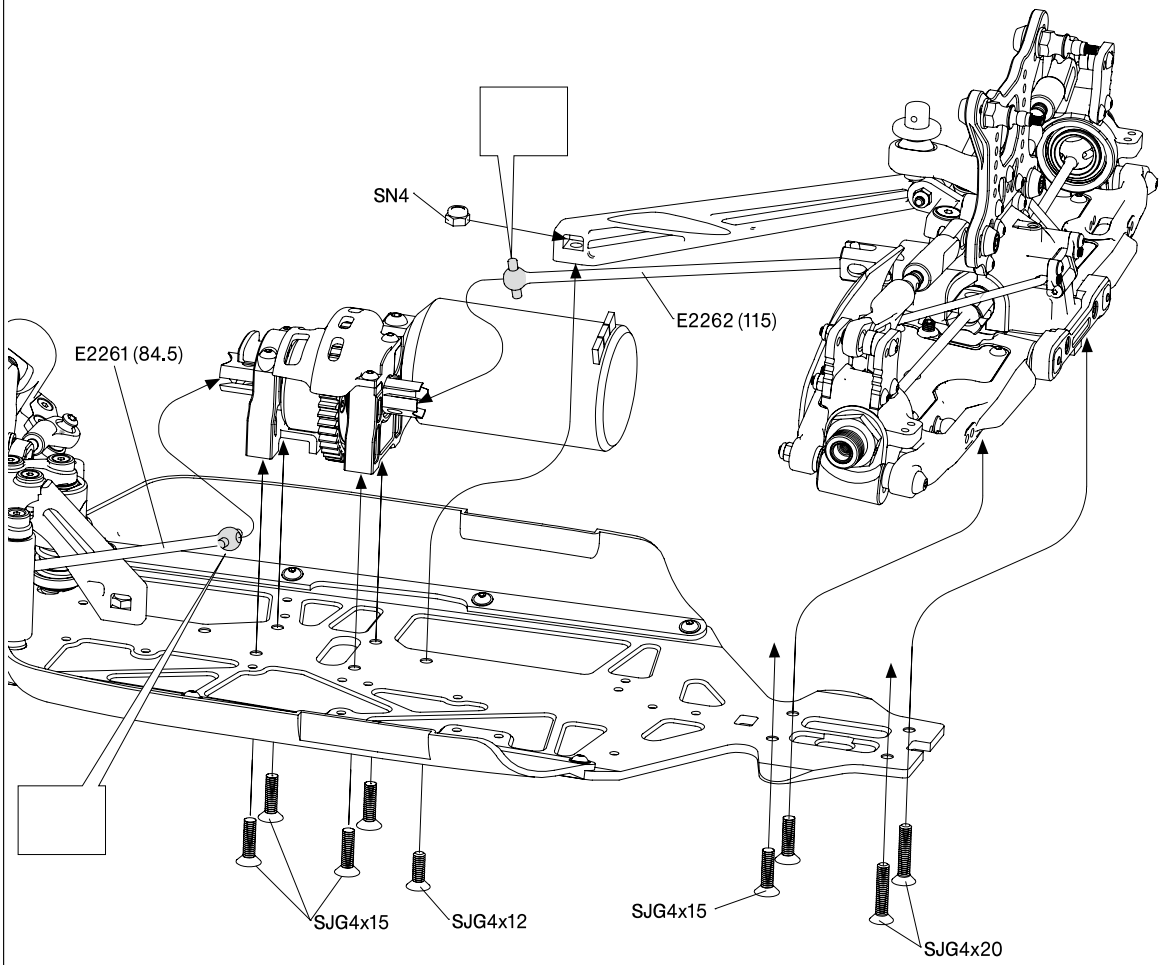
＊Cut B0428 in half and then paste it on right and left of stone guard. Paste the other B0428 on the body side.
＊B0428を半分にカットして左右に貼ります。もう一方のカットしたB0428はボディ側に密着する様に貼ってください。



12-2. Chassis

Kit Bag-i1

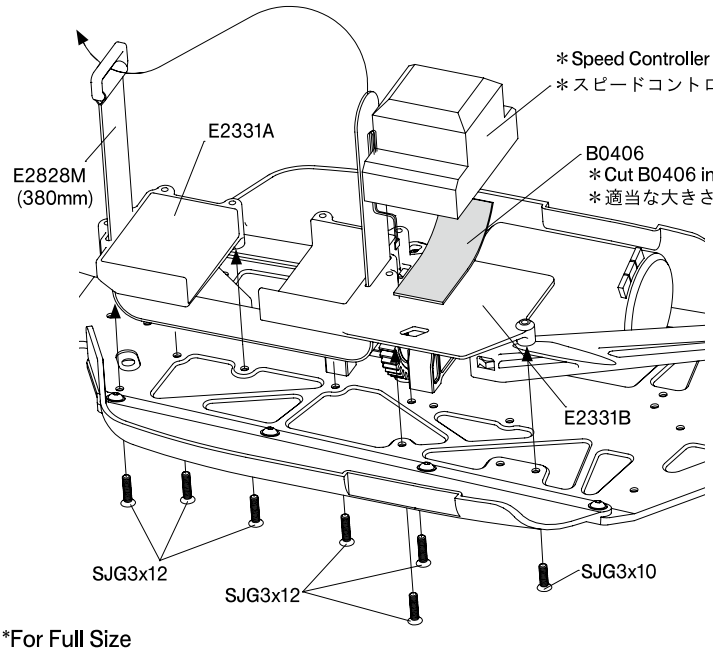


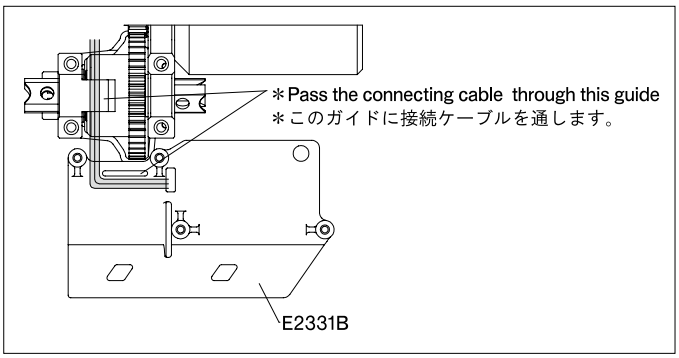


13. Battery Holder

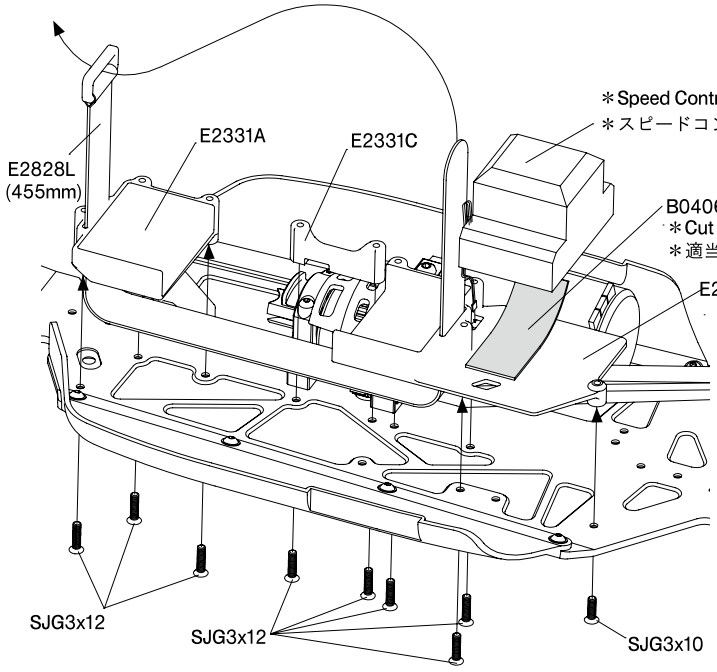
Kit Bag-J1

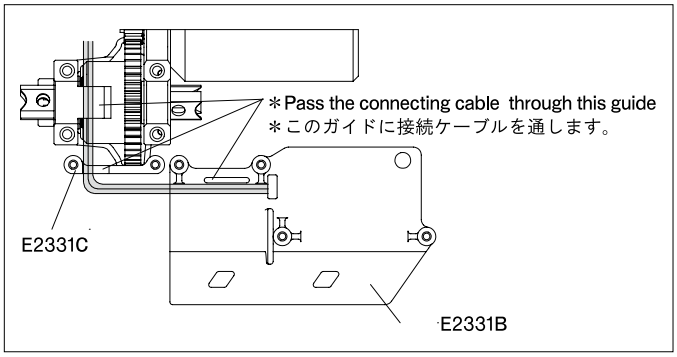
*For Shorty





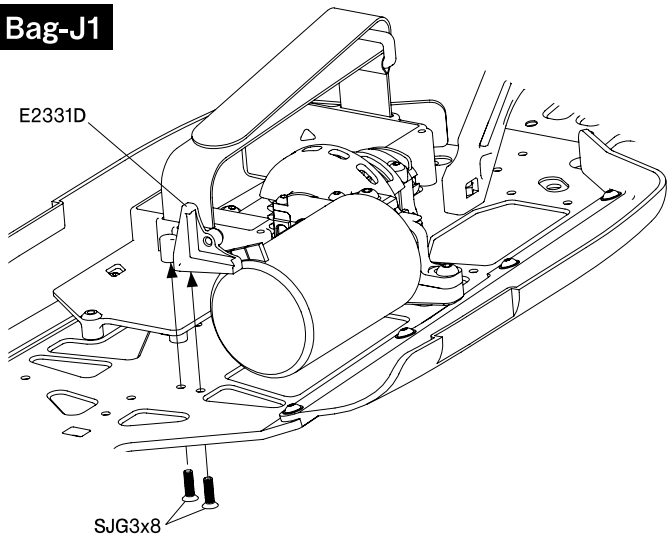
*For Full Size

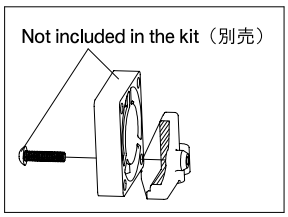


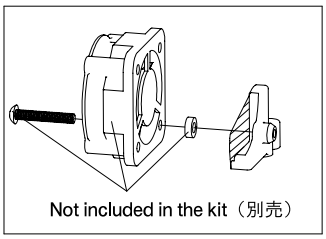


13. Motor Fan Mount

Kit Bag-J1





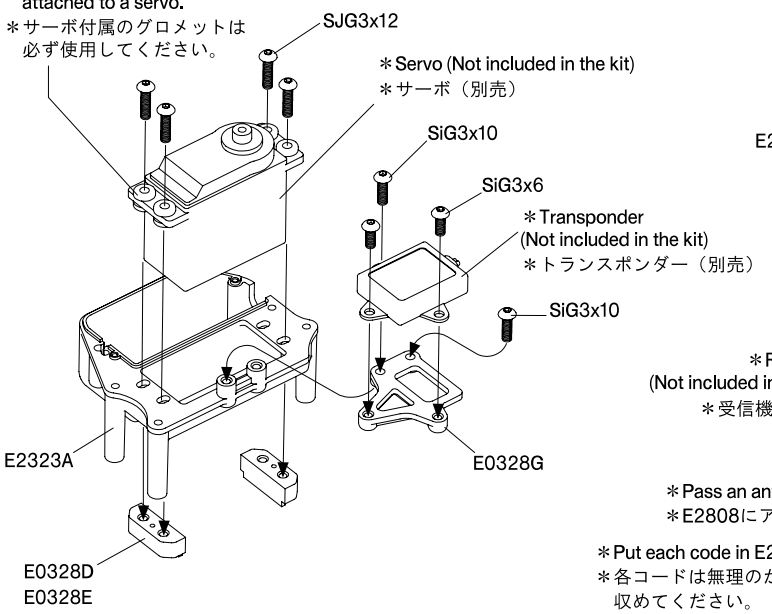


＊Fit to the size of the Motor Fan.
＊モーターファンのサイズに合せます。

14. Radio Plate

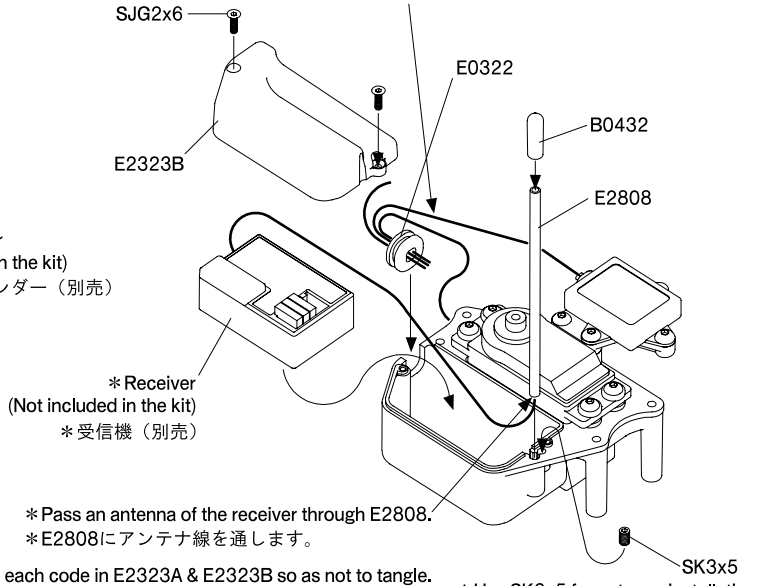
Kit Bag-K1

＊Be sure to use the grommet attached to a servo.
＊サーボ付属のグロメットは必ず使用してください。



＊Select according to servo.
＊使用するサーボに合わせて選択します。

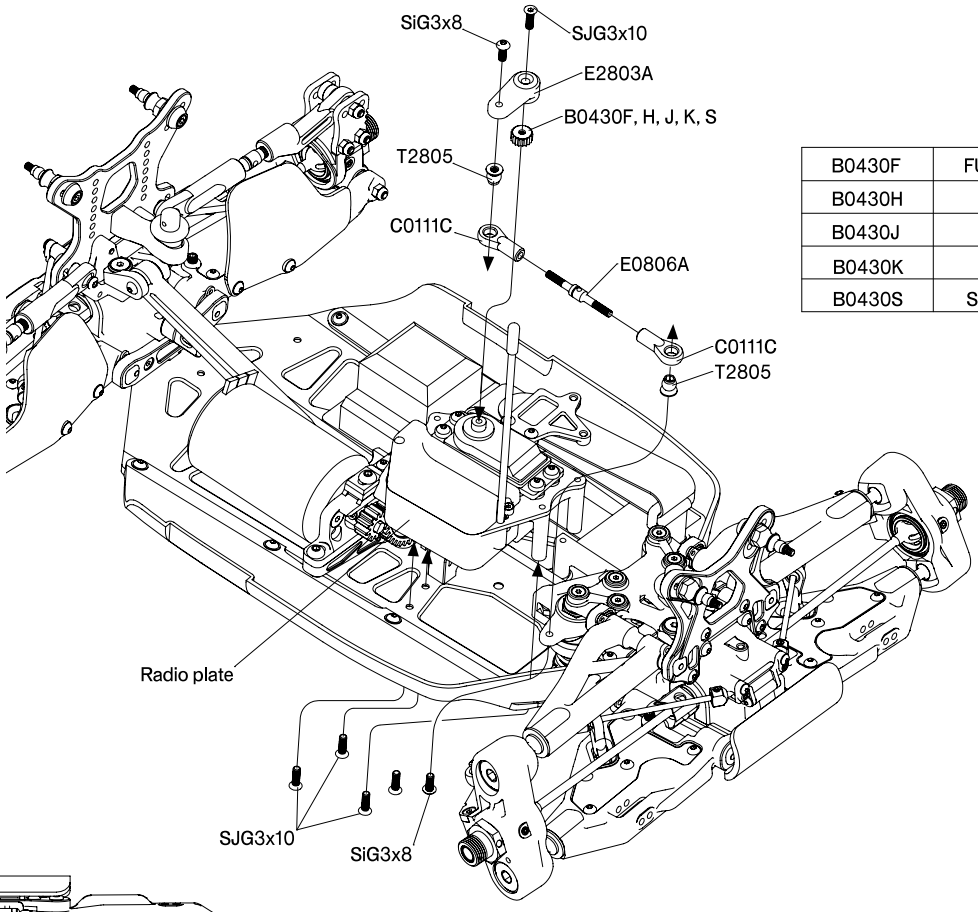
＊Pass the connecting wire of the servo, ESC, and transponder through a hole to connect to a receiver.
＊サーボ、ESC、トランスポンダーからのコネクターワイヤーを通し、コネクターを受信機に接続します。



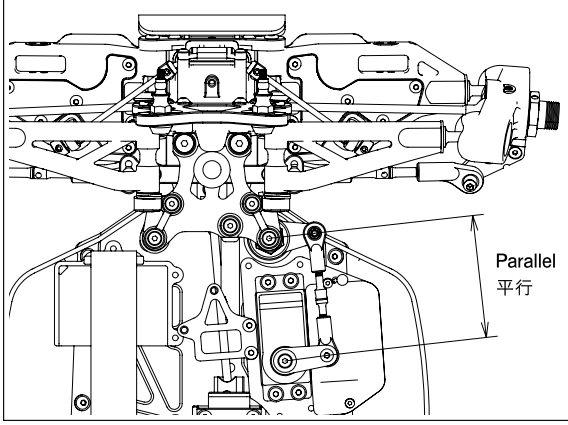
＊Pass an antenna of the receiver through E2808.
＊E2808にアンテナ線を通します。

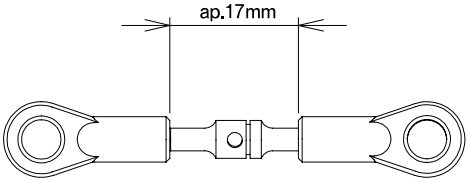
＊Put each code in E2323A & E2323B so as not to tangle.
＊各コードは無理のかかない様にE2323A &E2323Bに収めてください。

＊Use SK3x5 for antenna installation.
＊アンテナパイプを固定します。



B0430F	FUTABA
B0430H	Hitec
B0430J	JR
B0430K	KO
B0430S	SANWA

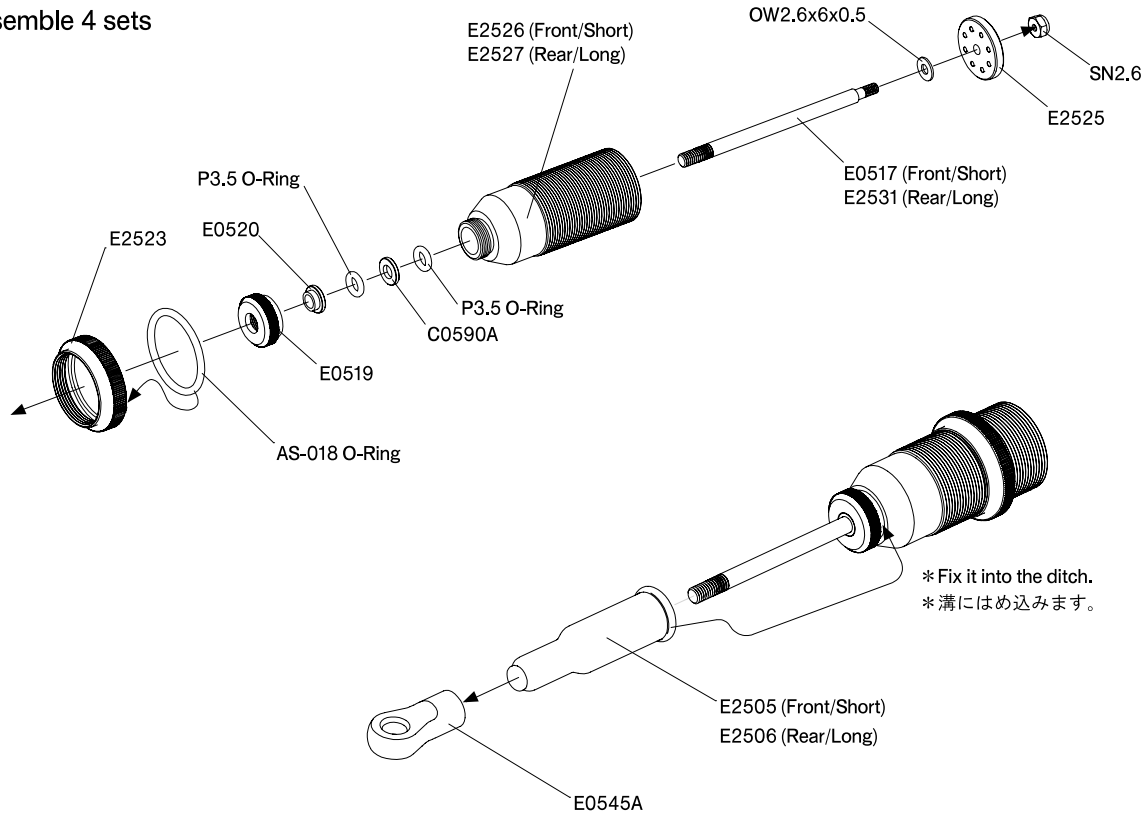


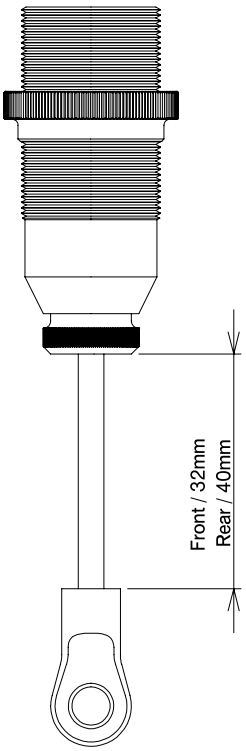


15. Shocks

Kit Bag-N1/L2

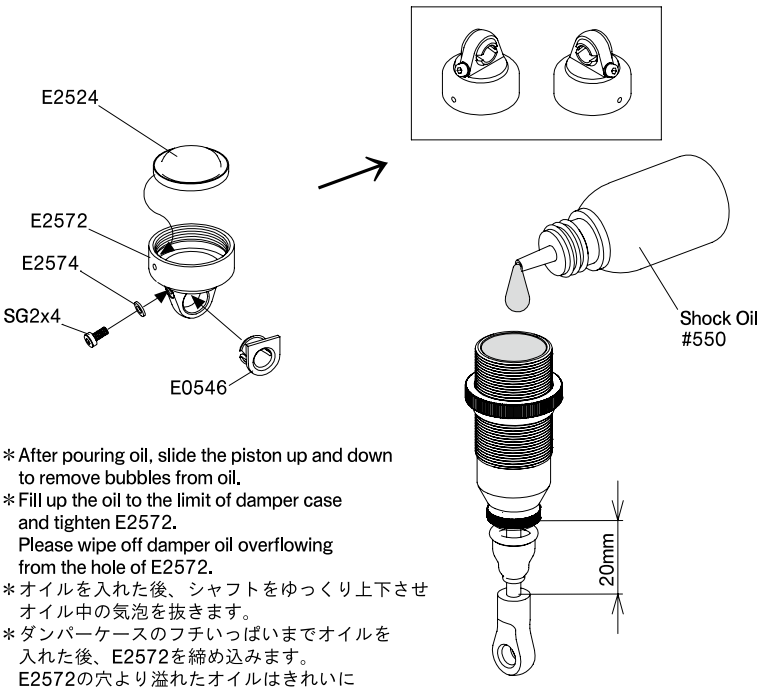
＊Assemble 4 sets





＊Tighten E0545A to have the length shown in a figure.
＊図の長さになる様にE0545Aを締め込みます。

＊Bladder



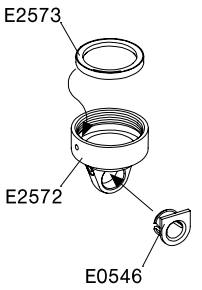
＊After pouring oil, slide the piston up and down to remove bubbles from oil.
＊Fill up the oil to the limit of damper case and tighten E2572.
Please wipe off damper oil overflowing from the hole of E2572.
＊オイルを入れた後、シャフトをゆっくり上下させオイル中の気泡を抜きます。
＊ダンパーケースのフチいっぱいまでオイルを入れた後、E2572を締め込みます。
E2572の穴より溢れたオイルはきれいにふき取ってください。

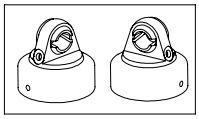
＊Tighten E2572 as shown in figure.
＊上記の位置でE2572を締め込みます。

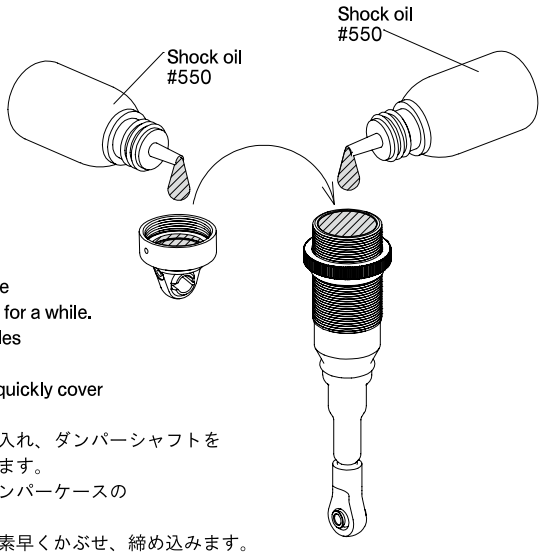
15-2. Shocks

Kit Bag-N1/L2

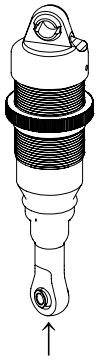
＊Emulsion



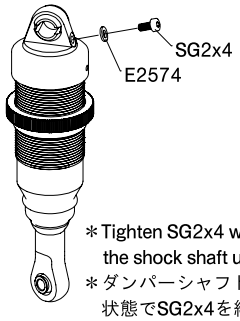




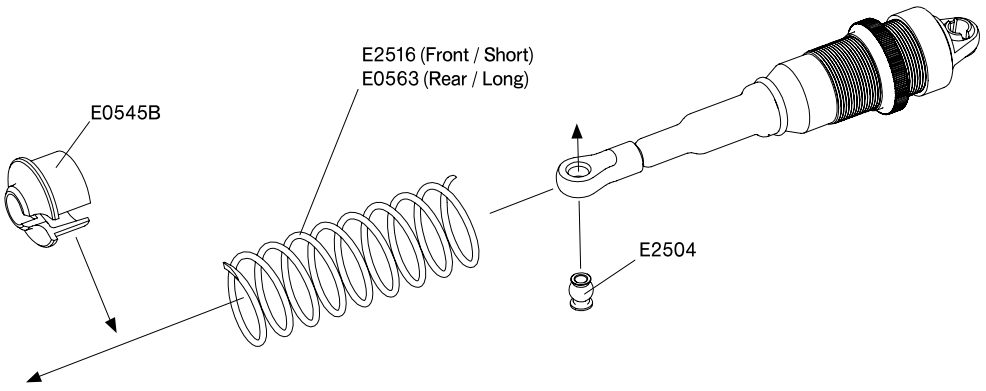
＊Fill up the shock case with oil, slowly move
the shock shaft up and down, and leave it for a while.
Fill up a shock case with oil after air bubbles
in the shock oil are removed.
Put a few drops of oils in the shock cap, quickly cover
and tighten.
＊ダンパーケースのフチ近くまでオイルを入れ、ダンパーシャフトを
ゆっくりと数回上下させ、しばらく置きます。
ダンパーオイル内の気泡が抜けた後、ダンパーケースの
フチいっぱいまでオイルを入れます。
ダンパーキャップに数滴オイルを入れ、素早くかぶせ、締め込みます。



＊Slowly push up the shock shaft to wipe
off oils overflowed from the screws hole.
＊ダンパーシャフトをゆっくり押し上げ、
ネジ穴から溢れたオイルをふき取ります。

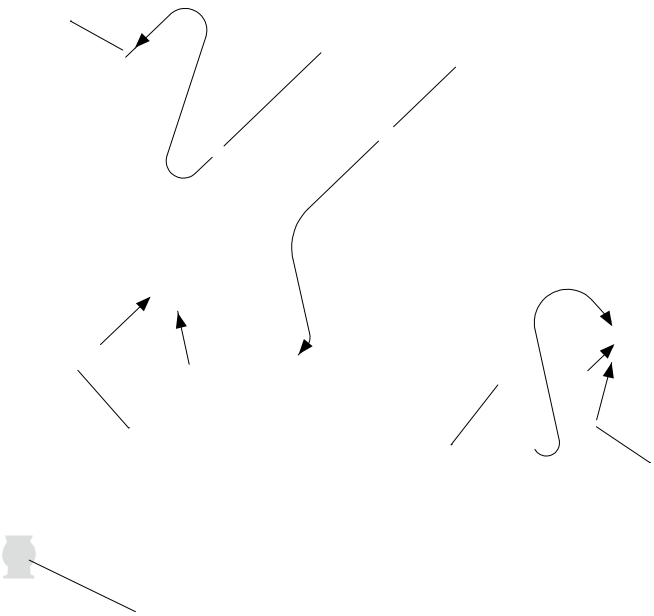


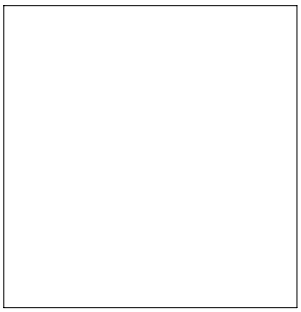
＊Tighten SG2x4 while pushing
the shock shaft up to the top.
＊ダンパーシャフトを最上部まで押し上げた
状態でSG2x4を締め込みます。



16. Front Shock

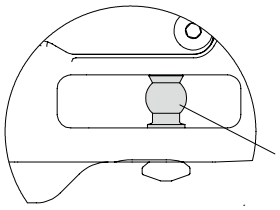
Kit Bag-L1

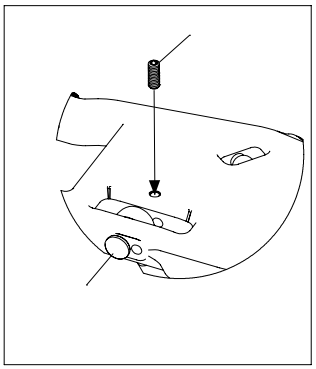
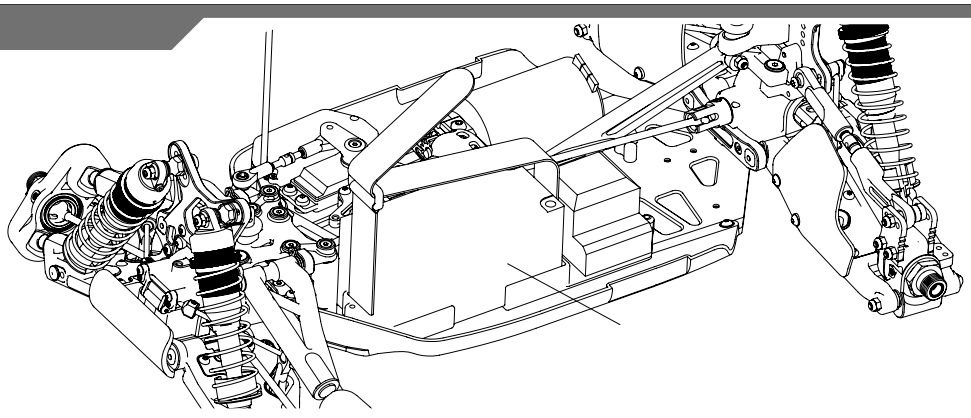




17. Rear Shock

Kit Bag-L1





18. Battery