

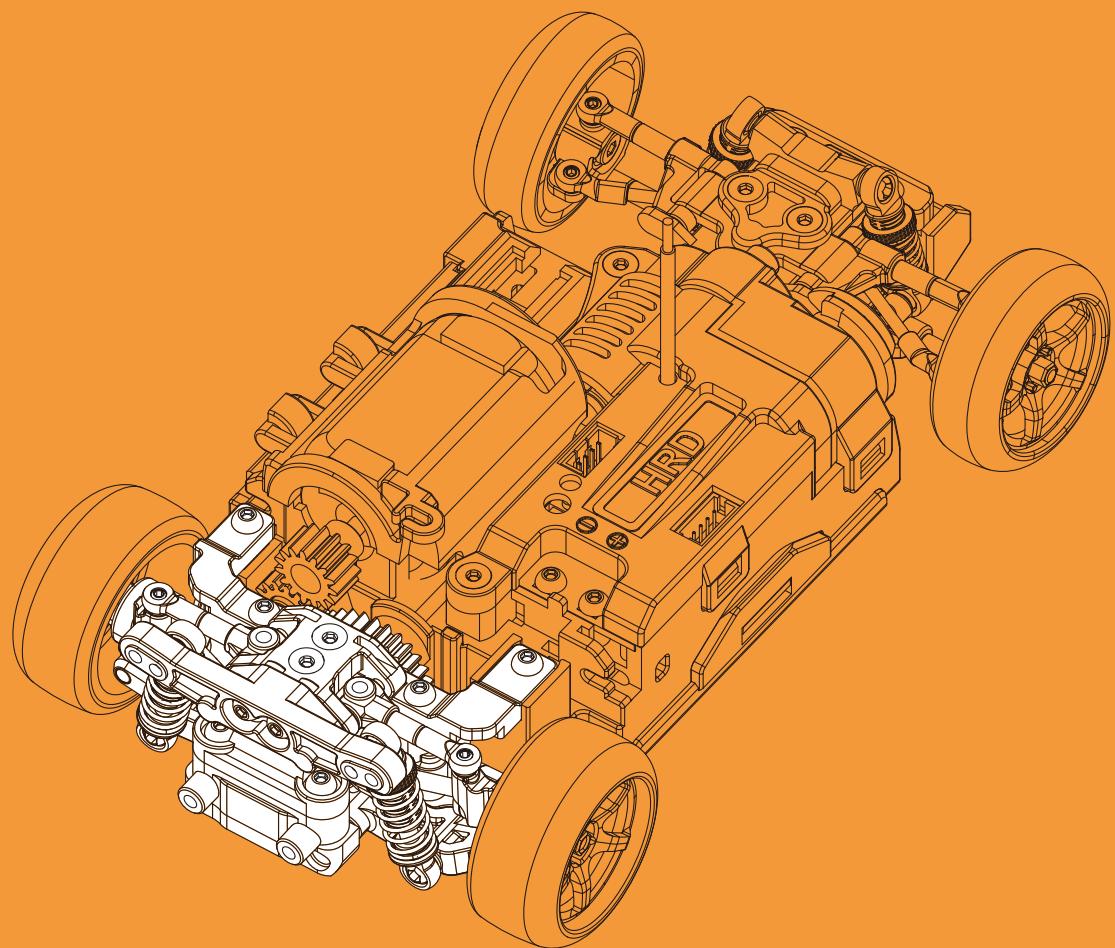
# MRD

# Rear Unit Assembly Kit

## リヤユニット組立キット

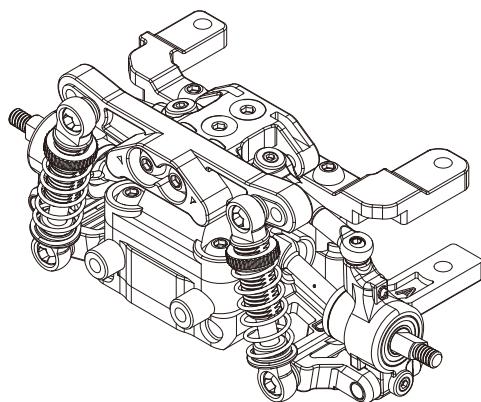
ASSEMBLY MANUAL

組立説明書



Release Date  
Vol.1.0  
2026.01.15

HRD  
 enjoy smile Co.



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(Rear Unit Assembly Kit)

# MRD Rear Unit Assembly Kit

## MRD リヤユニット組立キット



enjoy smile Co.

### Assembly Precautions

#### 組み立て時の注意点

This product contains small parts. To prevent infants and young children from putting them in their mouths, please store the parts in a place out of their reach. Do not assemble the kit in areas where young children are present.

本製品には小さい部品が多く含まれています。乳幼児、お子様が口に入れることがないように手が届かない場所に保管し、小さなお子様がいる場所では組み立ては行わないでください。

Before starting assembly, be sure to read this assembly manual carefully. If any parts are missing or defective, please contact to the enjoy smile Co.



組み立てを始める前に、この組立説明書を必ずお読みください。もし不足部品や不良部品があれば、enjoy smile Co. までお問い合わせください。

Circuit boards and electronic components can be damaged by static electricity. Before handling, discharge any static electricity by touching a metal object. Our company is not responsible for any damage caused by static electricity.



基板や電子部品は静電気によって破損する可能性があります。触れる際は金属に触れて体内の静電気を放電してください。静電気による損害について、弊社は責任を負いかねますので予めご了承ください。

This product contains many small plastic parts. When securing these parts with screws, be careful not to overtighten them, as it may damage the threads.



本製品には小さな樹脂製パーツが多く使用されています。ビス止めする際は、ビスを締めすぎるとネジ山が壊れることがあるため、過度な締め込みにご注意ください。

Be cautious not to get your fingers or other objects caught in the rotating gears.



ギヤの回転部分に指などが入らないよう、十分に注意してください。

Always attach the body when driving the vehicle. If the body is not attached, the chassis may be more prone to damage in the event of a crash.



走行時は必ずボディを装着してください。装着しないと、クラッシュ時に車体が破損しやすくなります。

After driving, always turn off the power on both the transmitter and the vehicle, and promptly remove the batteries from the vehicle. If you are not driving the vehicle, be sure to remove the batteries before storage.



走行後は送信機と車体の電源を必ず切り、速やかに電池を取り外してください。走行しない場合は、電池を取り外して保管してください。

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## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### MRD Rear Unit Conversion Kit Assembly Video MRD リヤユニット組み立てキット組み立て動画



<https://www.youtube.com/watch?v=q5OWLbUEihU>



The enjoy smile YouTube channel features assembly guide videos. You can watch them by scanning the QR code provided.

If this instruction manual is not enough or you want to see explanations from different angles, please check out the video.

enjoy smileのYouTubeチャンネルには組み立て解説動画が掲載されています。表示されているQRコードからご覧いただけます。

この取扱説明書だけでは分かりづらい場合や、別の角度からの説明を確認したい方はぜひご活用ください。

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## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



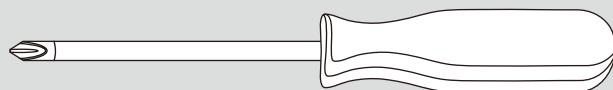
### Tools Needed for the Assembly 組み換えに必要な工具

#### Common Tools / 一般的な工具

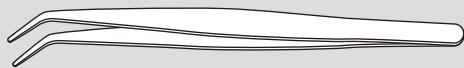
- 0.9mm MRD hex wrench driver  
· 0.9mm MRD 六角レンチドライバー



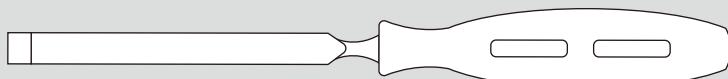
- Phillips screwdriver  
· プラスドライバー



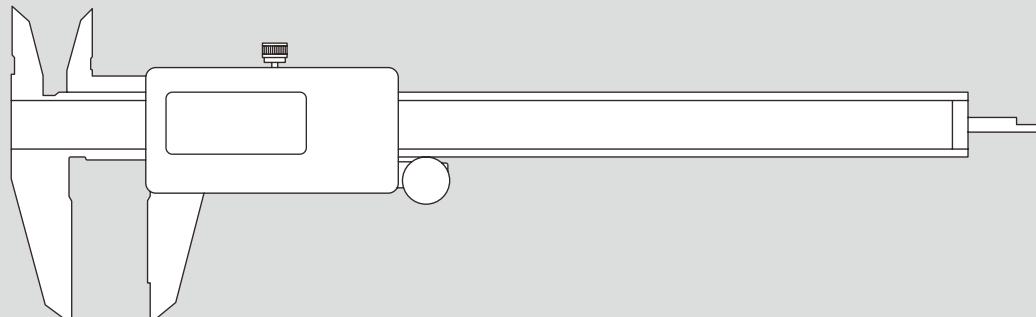
- Tweezers  
· ピンセット



- File  
· やすり



- Vernier Calipers  
· ノギス

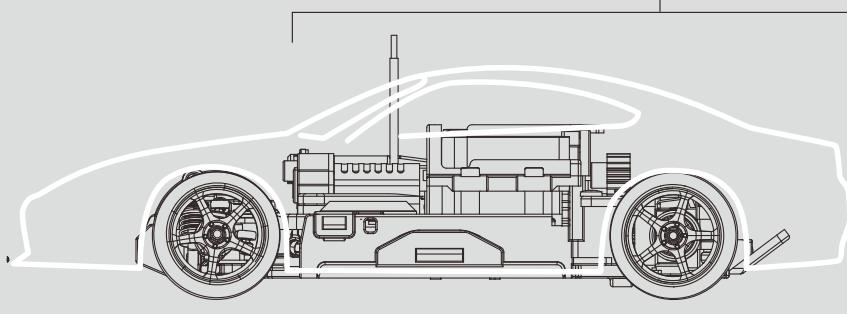
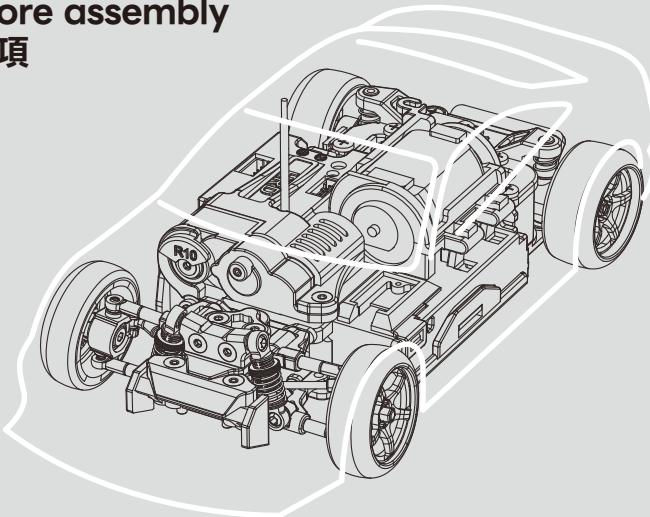


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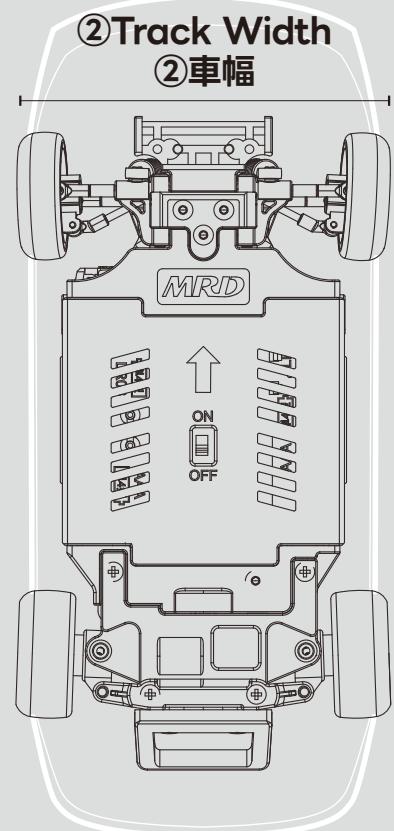
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### Pre-confirmation before assembly 組み立て前、事前確認事項



①Wheelbase  
①ホイールベース



Before assembling the rear unit, select and determine the appropriate configuration based on the body you are using.

お手元のボディに合わせてリアユニットを組み立てるため、まずはリアユニットの構成を選択・決定してください。

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## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



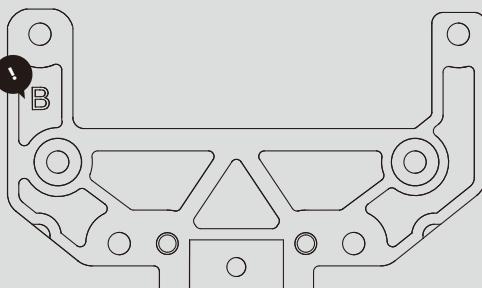
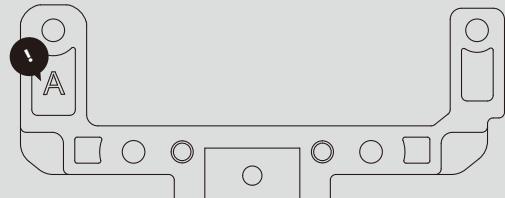
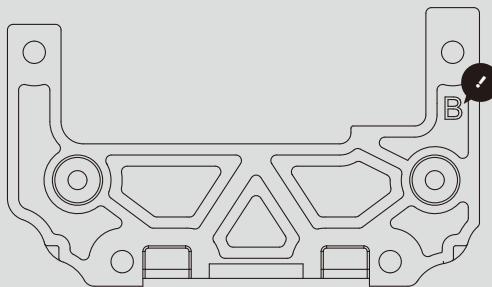
### ①Wheelbase

#### ①ホイールベース

S 86mm	M 90mm	L 94mm	2L 98mm	3L 102mm	4L 106mm
A (DB)	A (DB)	B (DB)	B (DB)		
	A (DC)	A (DC)	A (DC)	A (DC)	
		A (DF)	A (DF)	B (DF)	B (DF)

\* Differential gear Backwarded (DB) / Differential gear Forwarded (DF) / Differential gear Centered (DC)

### Wheelbase Plate ホイールベースプレート



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## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### ② Track Width ②車幅

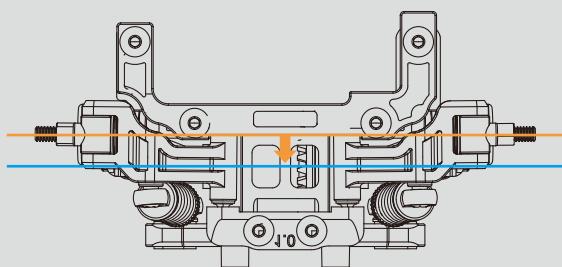
Narrow 65mm – 76mm

Wide 70mm – 81mm

#### Differential gear Backwarded (DB)

This configuration places the differential toward the rear, providing increased rear stability and traction-oriented behavior.

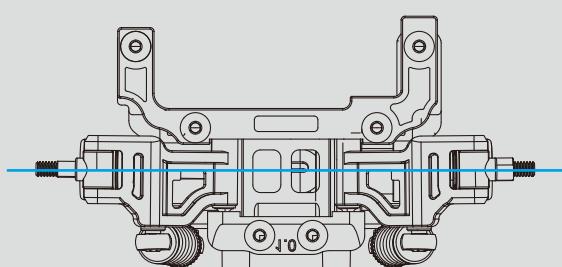
デフを後方に配置した構成です。リアの安定性が高まり、トラクション寄りの特性になります。



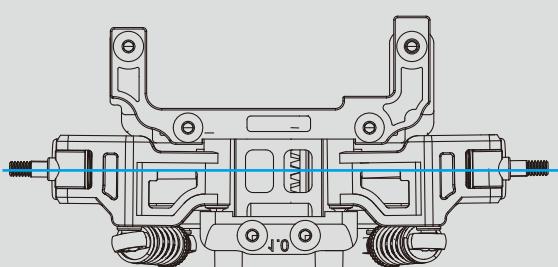
#### Differential gear Centered (DC) Narrow

This is the standard configuration with the differential positioned at the center, offering well-balanced handling suitable for most body types.

デフを中心配置した標準的な構成で、最もバランスが取れています。多くのボディに適合します。



#### Differential gear Centered (DC) Wide

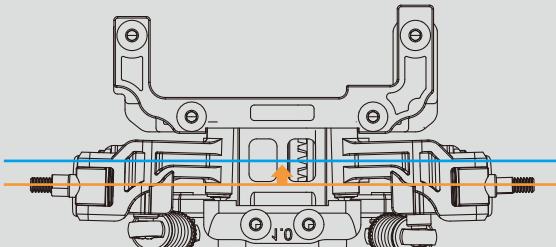


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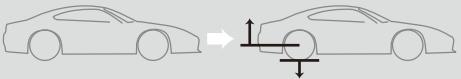
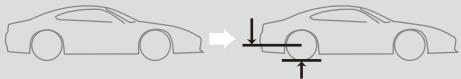
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### ② Track Width ② 車幅

Narrow 65mm – 76mm	Wide 70mm – 81mm
<p><b>Differential gear Forwarded (DF)</b></p> <p>This configuration positions the differential toward the front, enhancing responsiveness and creating a quicker handling feel.</p> <p>デフを前方に配置した構成です。応答性が高まり、よりクイックな挙動になります。</p> 	

How the MRD's handling characteristics change depending on the differential position  
デフの位置によるMRDの挙動はどう変わらるのか

DB	DC	DF
 <p>When the rear tires are compressed, traction increases. リヤタイヤが沈み込むとトラクションが増加。</p>	 <p>Standard 基準</p>	 <p>When the rear tires lift, traction decreases. リヤタイヤが浮き上がると、トラクションが低下</p>

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## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### ② Track Width ② 車幅

Rear lower arm		Rear hub carrier	
A	B	A	B
A rear lower arm component with a vertical slot and two mounting holes at the bottom.	A rear lower arm component with a horizontal slot and two mounting holes at the bottom.	A rear hub carrier component with a vertical slot and two mounting holes at the bottom.	A rear hub carrier component with a horizontal slot and two mounting holes at the bottom.
C	D	C	A rear hub carrier component with a vertical slot and two mounting holes at the bottom.
E	F		
A rear lower arm component with a vertical slot and two mounting holes at the bottom.	A rear lower arm component with a horizontal slot and two mounting holes at the bottom.		

### Rear toe block

1.0	3.0
A rear toe block component labeled '1.0'.	A rear toe block component labeled '3.0'.

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## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### Screw BAG

MRD-029 Screw Set (Rear Unit)  
スクリューセット (リヤユニット)

	M2x5mm Button head screw x4 + x1(Spare) M2x5mm ボタンネジ x4 + x1(予備)
	M2x6mm Button head screw x4 + x1(Spare) M2x6mm ボタンネジ x4 + x1(予備)
	M2x8mm Button head screw x2 + x1(Spare) M2x8mmボタンネジ x2 + x1(予備)
	M2x5mm Flat head screw x4 + x1(Spare) M2x5mm ハンダネジ x4 + x1(予備)
	M2x6mm Flat head screw x4 + x1(Spare) M2x6mm ハンダネジ x4 + x1(予備)
	M2x2mm Set screw x4 + x1(Spare) M2x2mm イモネジ x4 + x1(予備)
	M2x4.5mm Nylon Nut x2 M2x4.5mm ナイロンナット x2

# **Assembly of Common Components**

## 共通部分の組み立て

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**MRD Rear Unit Assembly Kit**  
**MRD リヤユニット組立キット**

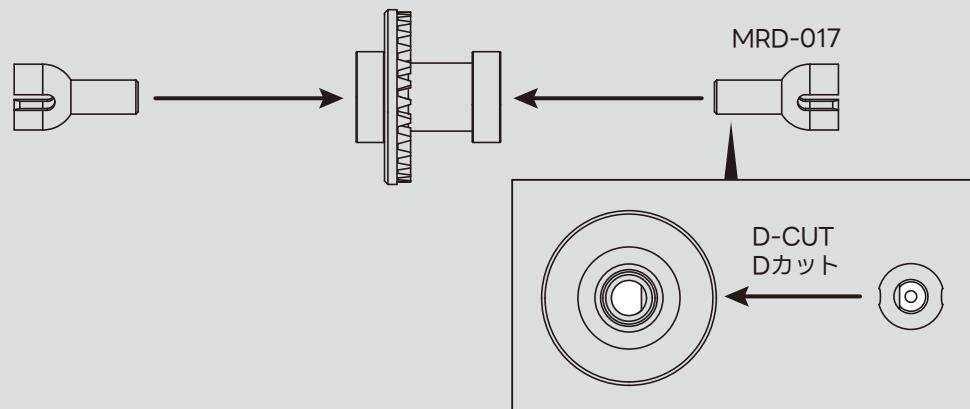
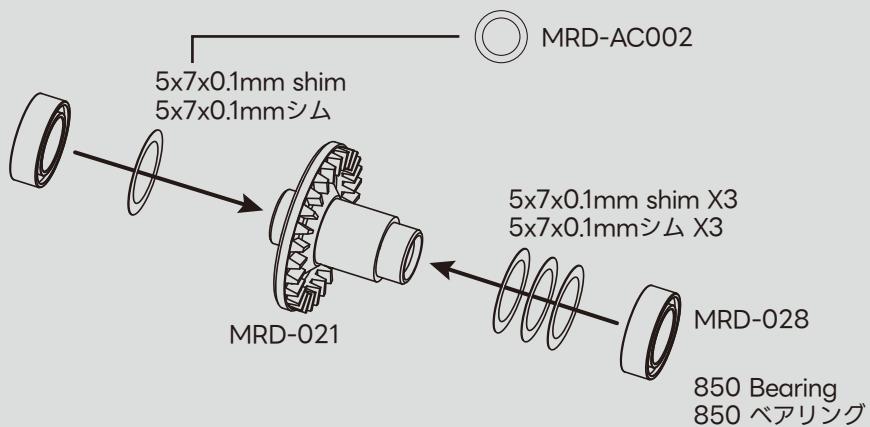
NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### Assembly of Common Components 共通部分の組み立て

#### BAG 1



NO. 1003

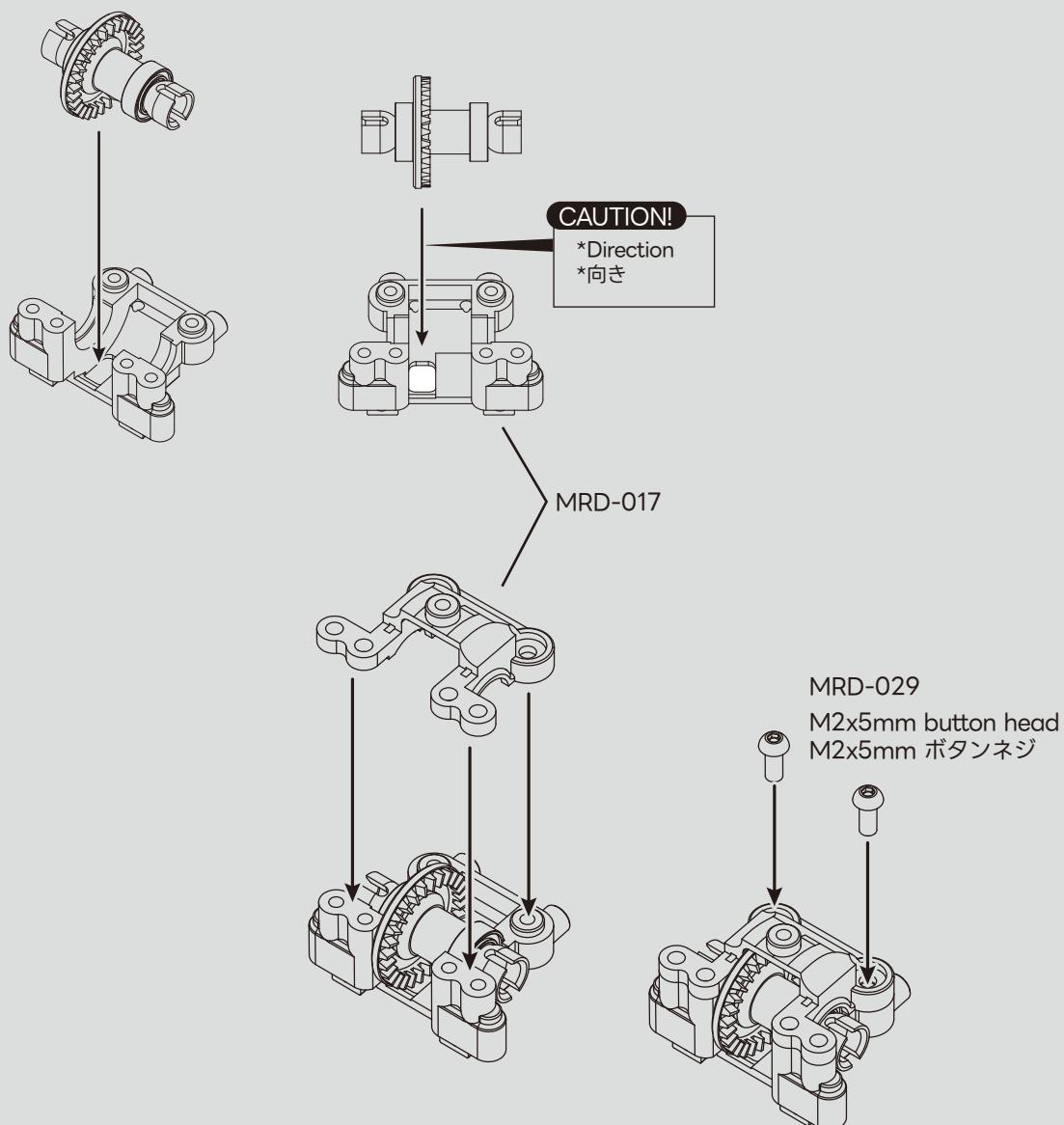
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### Assembly of Common Components 共通部分の組み立て

#### BAG 1

Differential gear case  
デフケース



**DB**  
Differential gear Backwarded

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**MRD Rear Unit Assembly Kit**  
**MRD リヤユニット組立キット**

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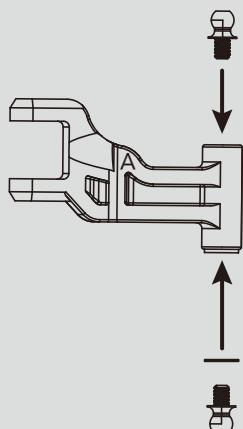
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



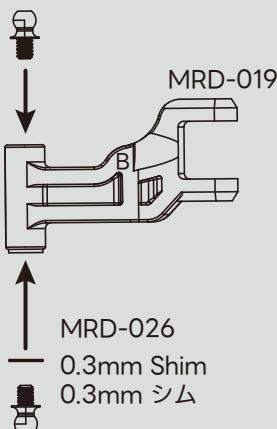
### DB (Differential gear Backwarded)

#### BAG 2

- ① Lower arm
- ① ロアアーム



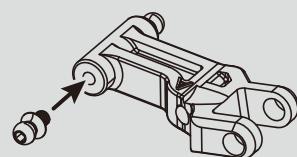
2mm Pillow ball  
2mm ピローボール



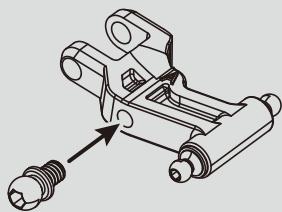
2mm Pillow ball  
2mm ピローボール  
MRD-008

#### CAUTION!

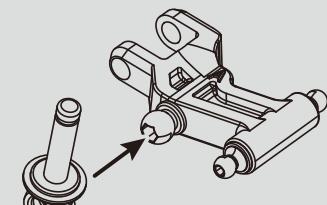
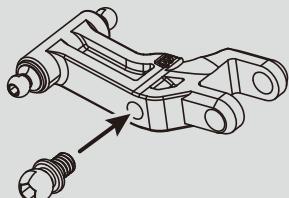
\*Assemble Vertically  
\*垂直に組み立て



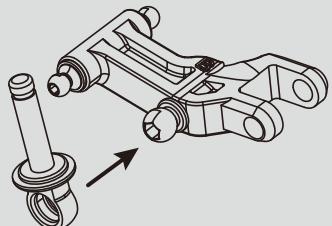
- ② Lower arm 3mm balls
- ② ロアアーム 3mm ボール



3mm Pillow ball  
3mm ピローボール  
MRD-010



Rear shock post  
リアショックポスト  
MRD-022



NO.1003

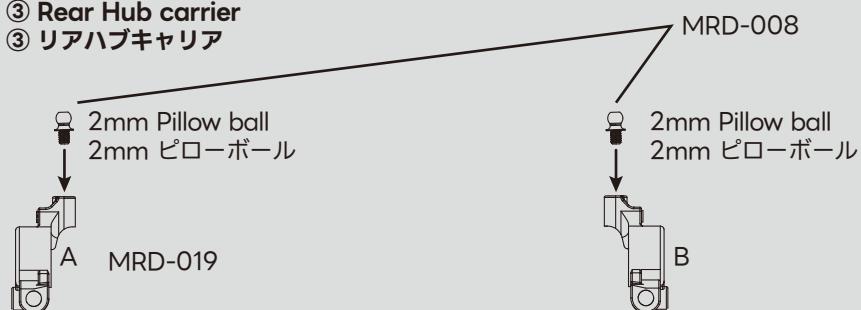
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DB (Differential gear Backwarded)

#### BAG 2

- ③ Rear Hub carrier  
③ リアハブキャリア



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# MRD Rear Unit Assembly Kit

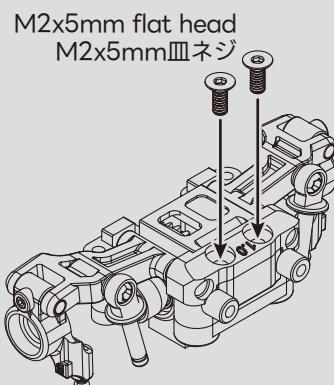
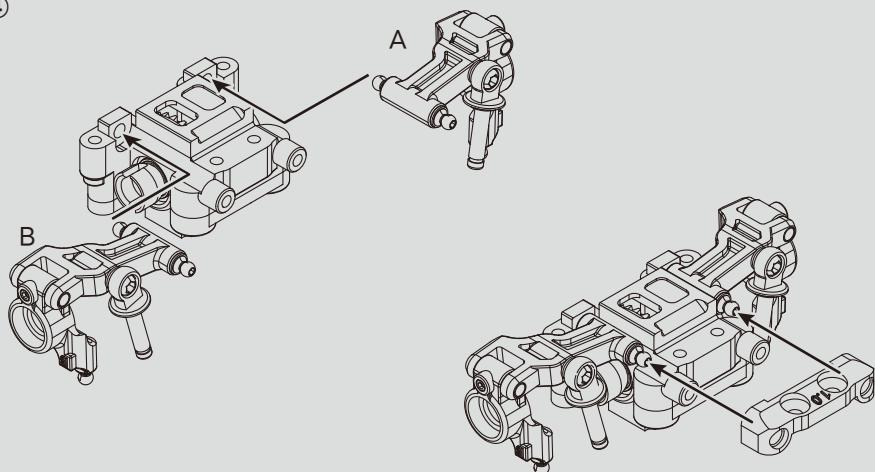
## MRD リヤユニット組立キット



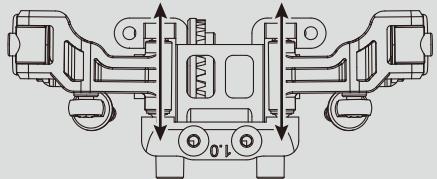
### DB (Differential gear Backwarded)

#### BAG 2

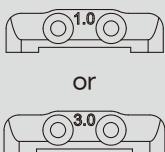
④



Adjustment of Mechanical Play  
ガタの調整

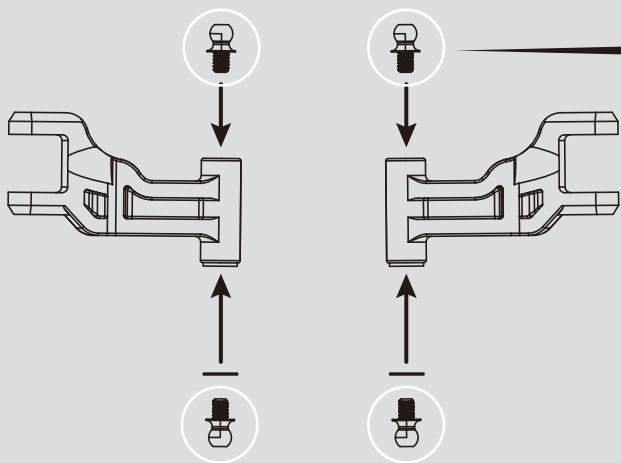


Select Toe block  
トープロック選択



Adjust the tightening of the 2mm pillow ball screws to eliminate any back and forth play in the lower arm.

2mmピローボールのネジ締め具合を調整し、ロアアームの前後方向のガタをなくしましょう



NO.1003

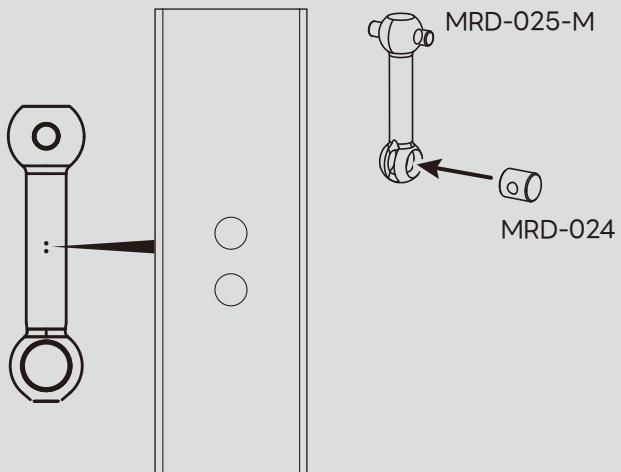
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



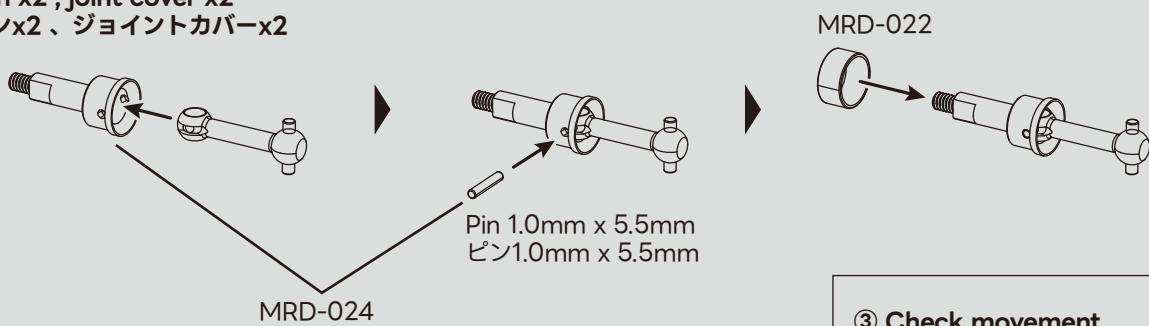
### DB (Differential gear Backwarded)

#### BAG 3

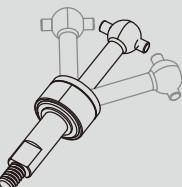
- ① Swing Shaft x2
- ① スイングシャフト x2



- ② pin x2 , joint cover x2
- ② ピンx2、ジョイントカバーx2



- ③ Check movement
- ③ 動きをチェック、



\*Check it moves smoothly  
\*スムーズに動くのか確認しましょう

NO.1003

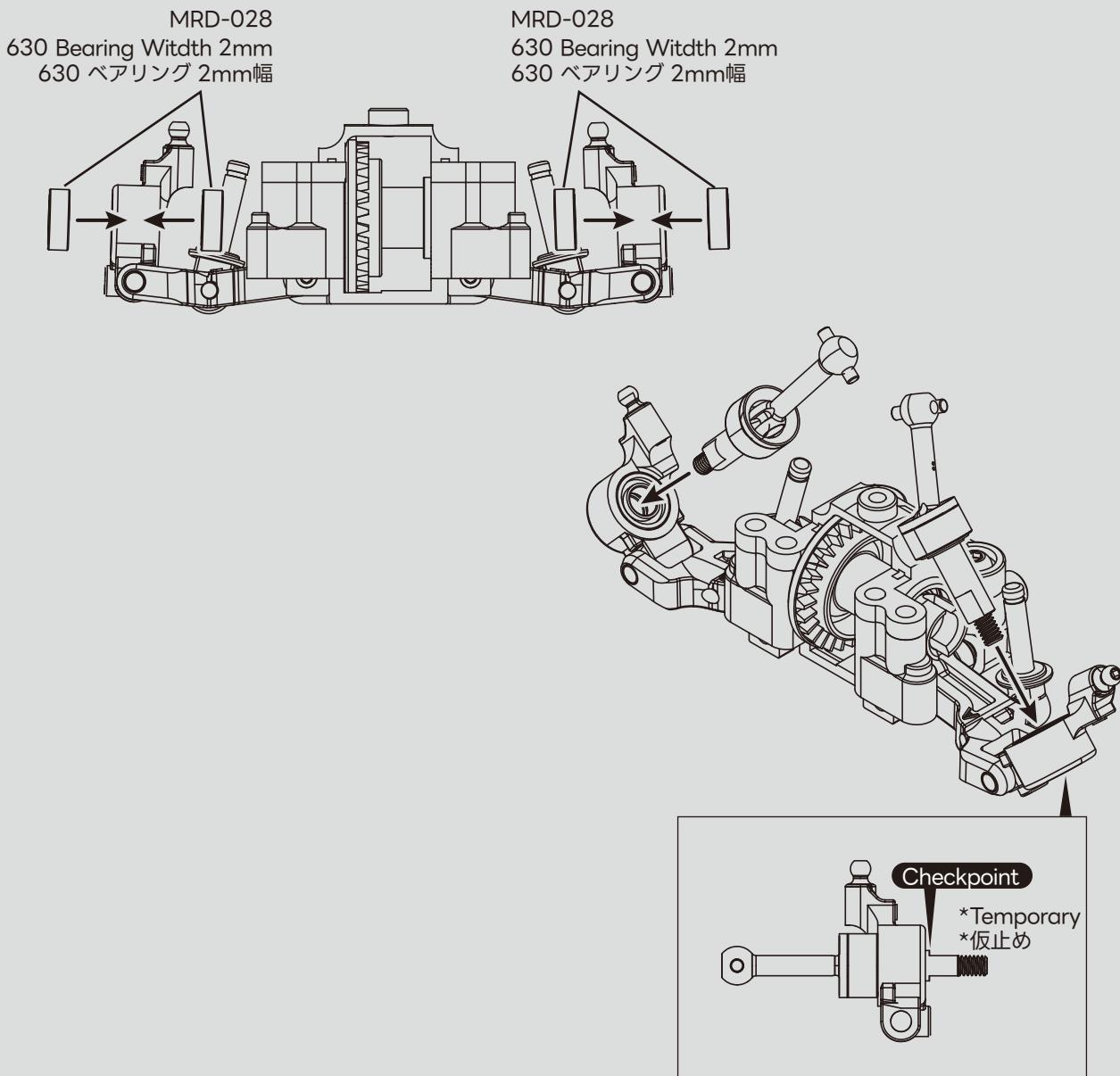
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DB (Differential gear Backwarded)

#### BAG 3

- ④ Rear Hub carrier  
④ リアハブキャリア



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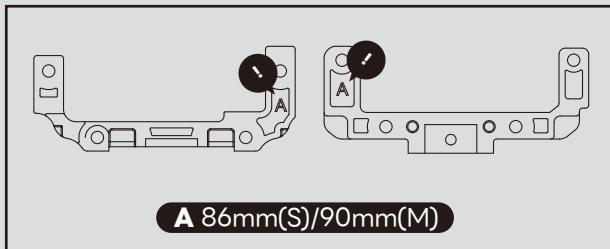
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



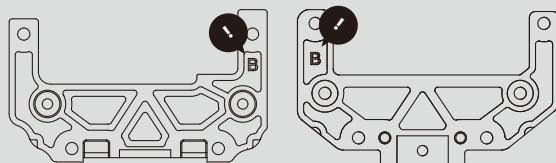
### DB (Differential gear Backwarded)

#### BAG 4

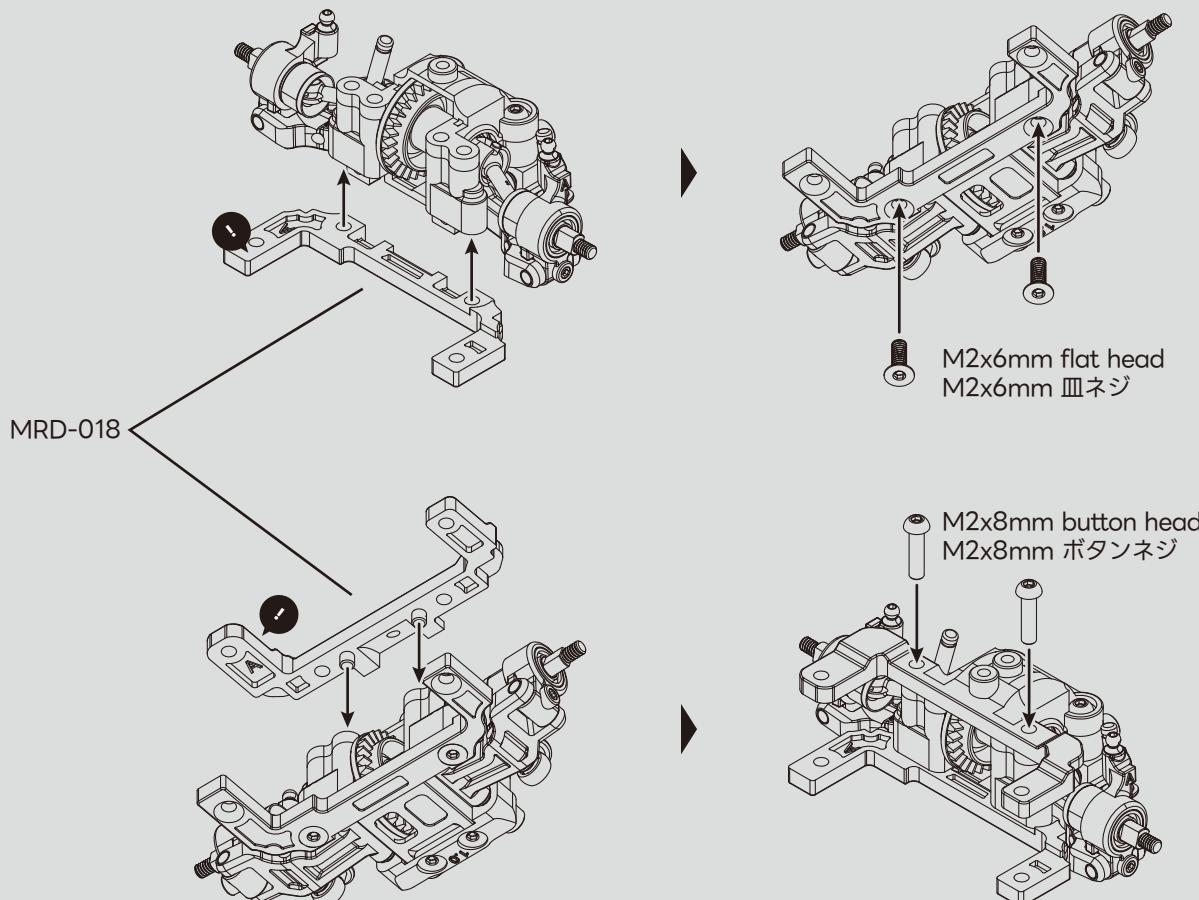
Select Wheelbase plate  
ホイールベースプレート選択



A 86mm(S)/90mm(M)



B(94mm(L)/98mm(LL))



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## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



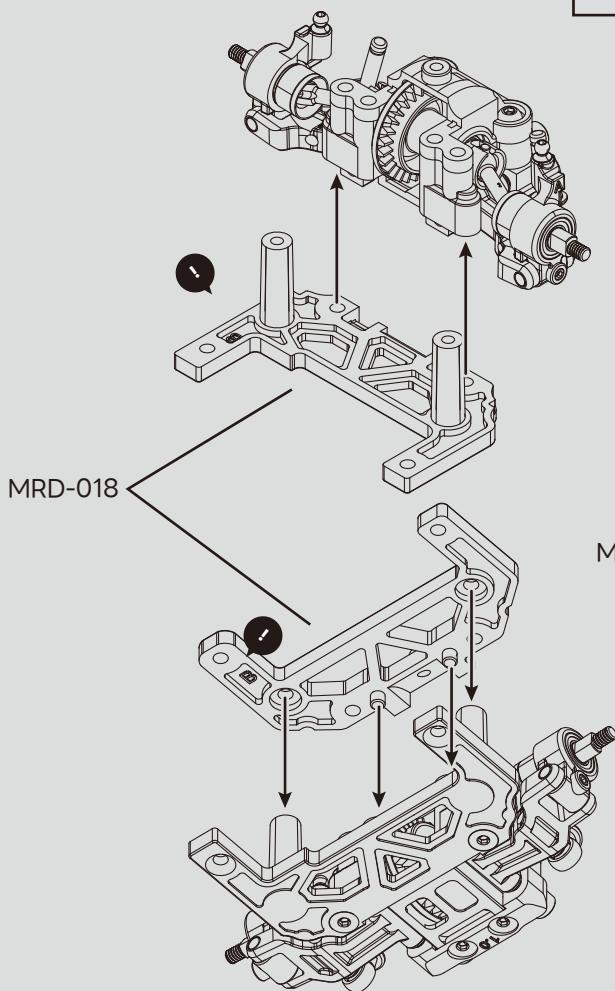
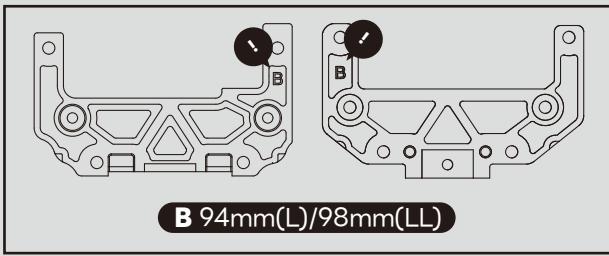
### DB (Differential gear Backwarded)

#### BAG 4

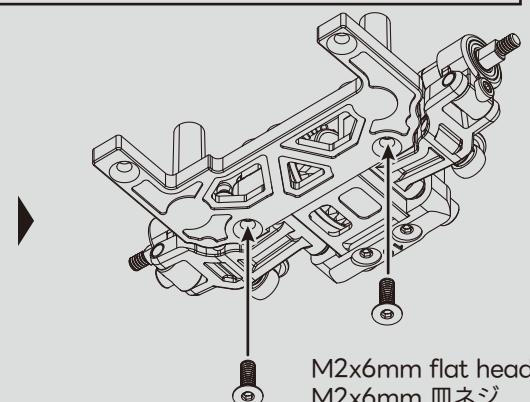
Select Wheelbase plate  
ホイールベースプレート選択



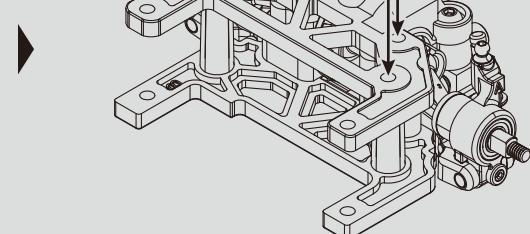
A 86mm(S)/90mm(M)



M2x6mm button head  
M2x6mmボタンねじ



M2x6mm flat head  
M2x6mm フラットネジ



M2x8mm button head  
M2x8mm ボタンねじ

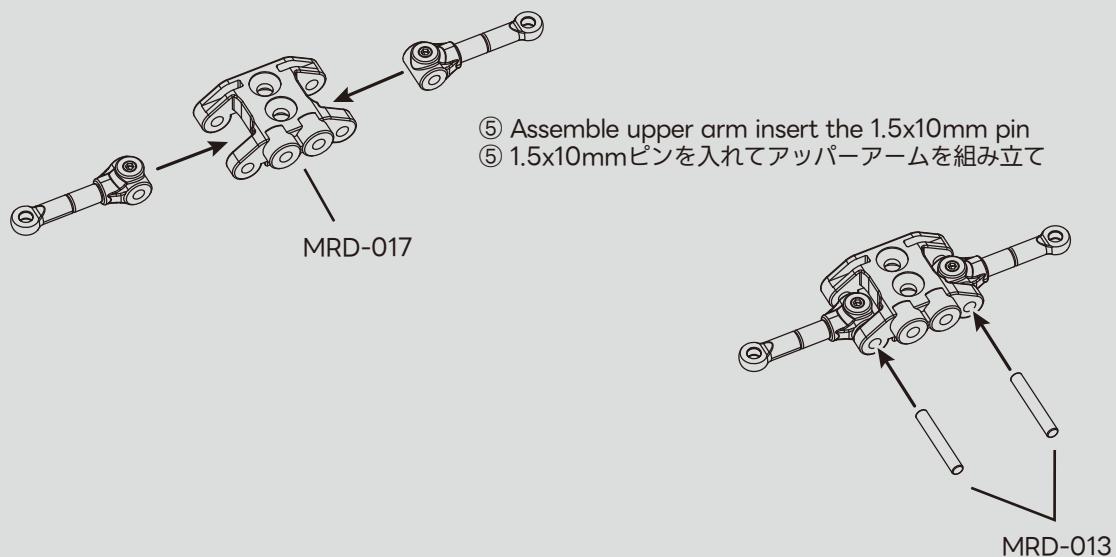
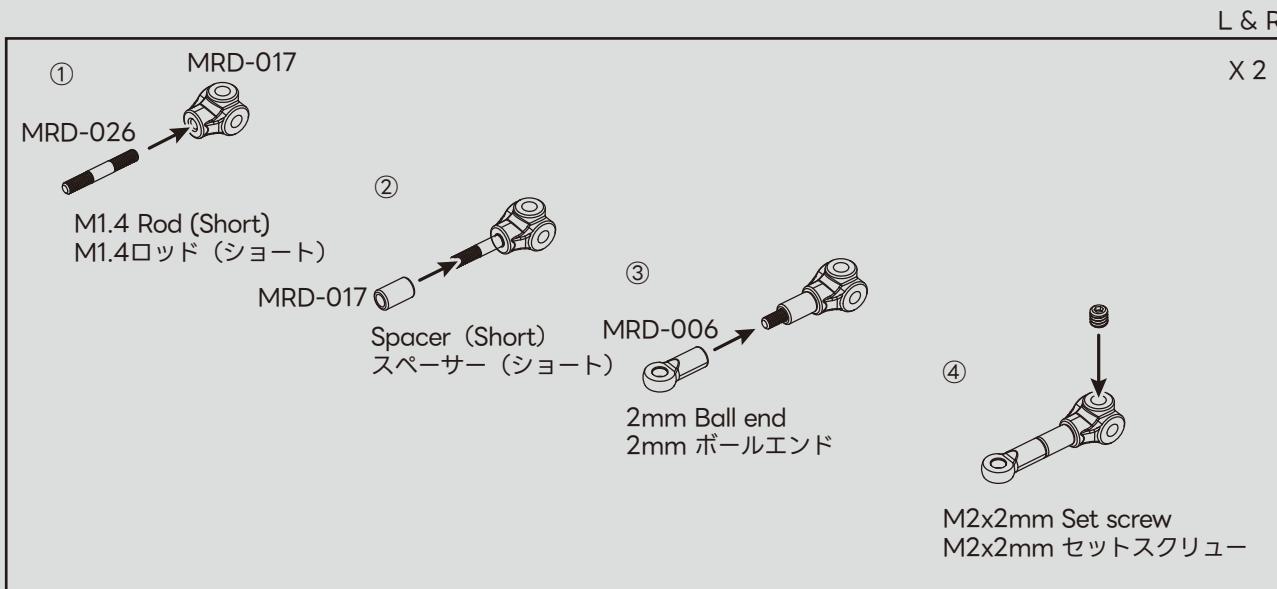
NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



**DB**  
(Differential gear Backwarded)

### BAG 5



NO. 1003

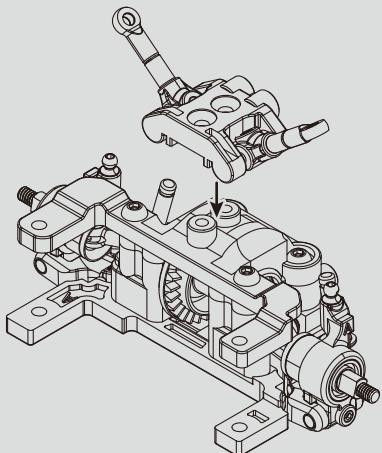
# MRD Rear Unit Assembly Kit

## MRD リヤユニット組立キット

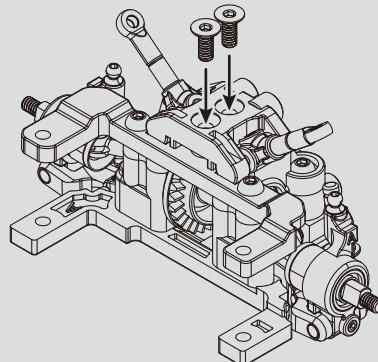


### DB (Differential gear Backwarded)

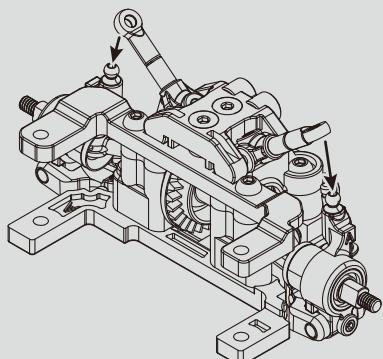
#### BAG 5



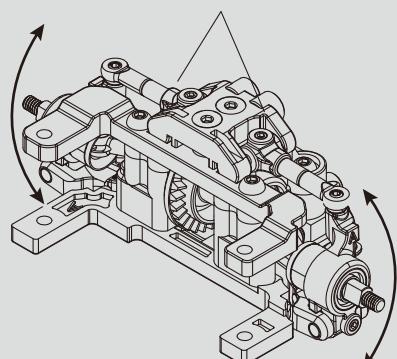
- ⑥ Assemble upper arm holder with M2x5mm flat head  
⑥ M2x5mm 皿ネジでアッパーアームホルダーを組み立て



- ⑦ Assemble 2mm pillow ball with ball ends  
⑦ 2mmピローボールとボールエンドを組み立て



- ⑧ Hold tight upper arm with 2mm set screw to prevent slide away  
⑧ アッパーアームの位置をM2セットスクリューで固定



\*Check it moves smoothly  
\*スムーズに動くのか確認しましょう

NO. 1003

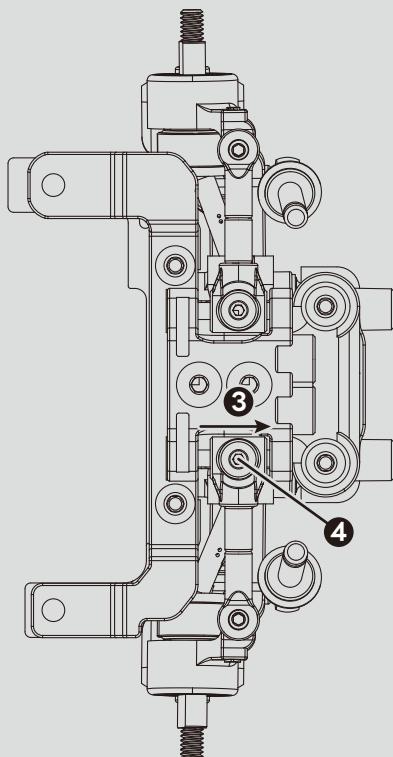
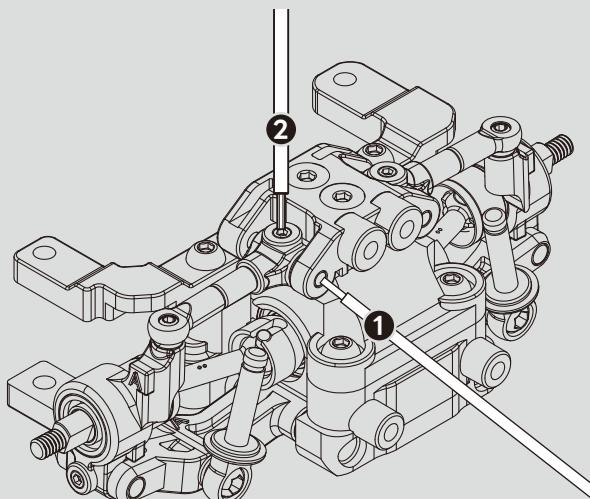
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DB (Differential gear Backwarded)

#### BAG 5

##### Cautions When Tightening the Set Screw for the Upper Arm



- ① Push the pin forward
- ② Loosen the temporary set screw
- ③ Move the upper suspension arm back
- ④ Secure the set screw

※If the upper suspension arm is not moving properly, move it forward slightly (about 0.1 mm) and secure it in place.

- ①ピンを前におして
- ②仮止めのセットスクリューを緩める
- ③アッパーサスアームを後ろに寄せる
- ④セットスクリューを固定

※アッパーサスアームの動きが悪い場合には、サスアームの位置を少し（0.1mm程度）前に移動させて固定する

NO. 1003

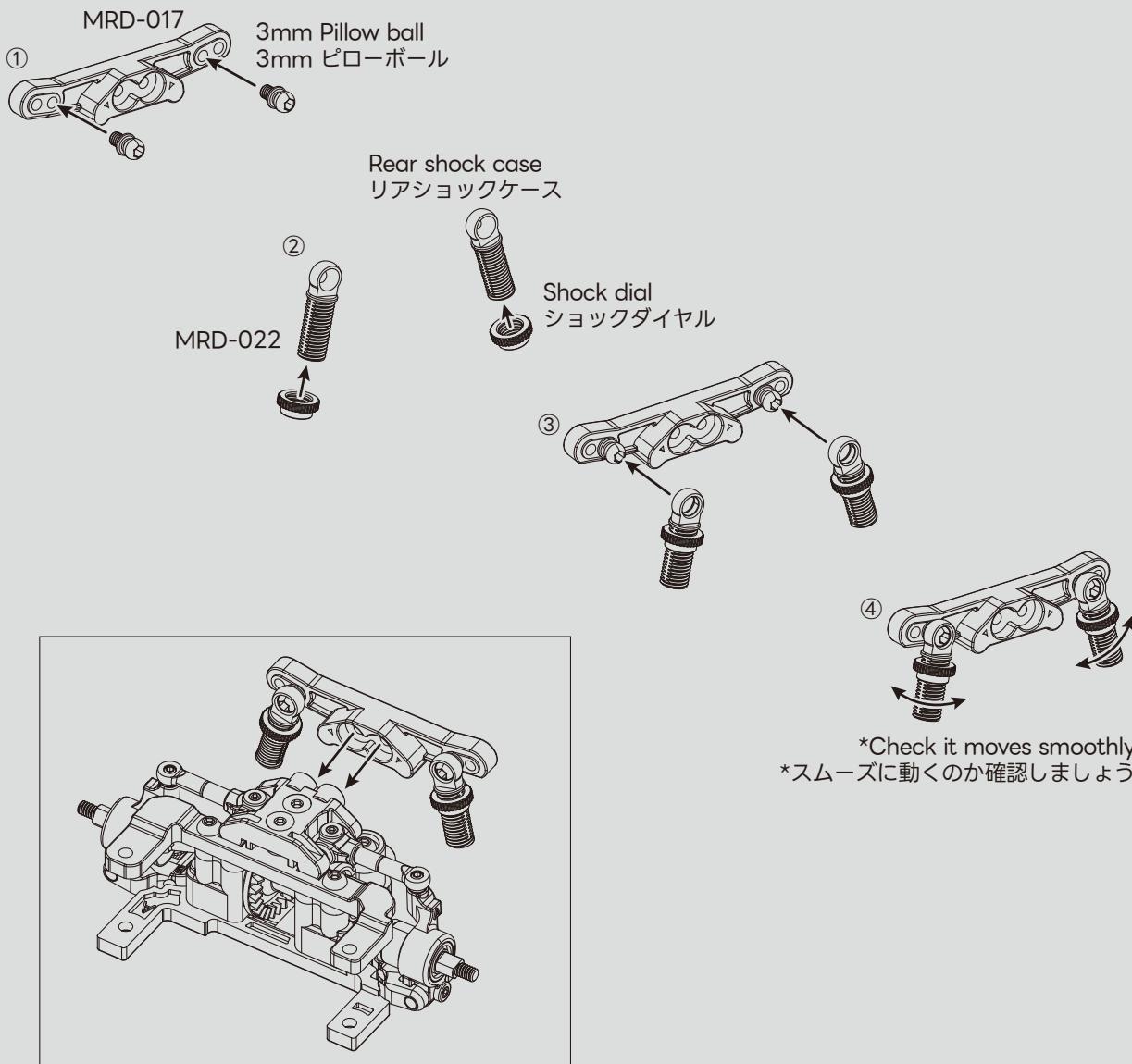
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DB (Differential gear Backwarded)

#### BAG 6

Shock tower  
ショックタワー



NO. 1003

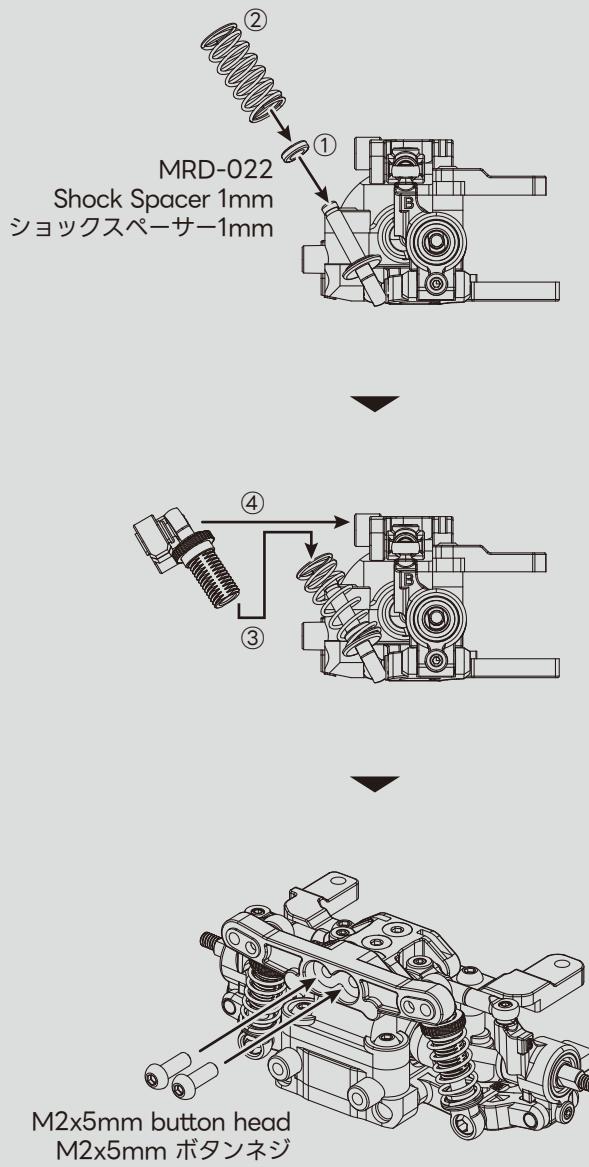
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DB (Differential gear Backwarded)

#### BAG 6

Select and install the springs and assemble the shock towers to the rear unit.  
スプリングを選んで装着して、ショックタワーをリアユニットに組み立て



MRD-027

Hard ハード → Compatible with heavy body shell  
→ 重いボディに適合



Medium ミディアム → Standard Setup  
→ 標準仕様



Soft ソフト → Compatible with extreme roll setup  
→ 鬼ホール仕様に適合



NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DB (Differential gear Backwarded)

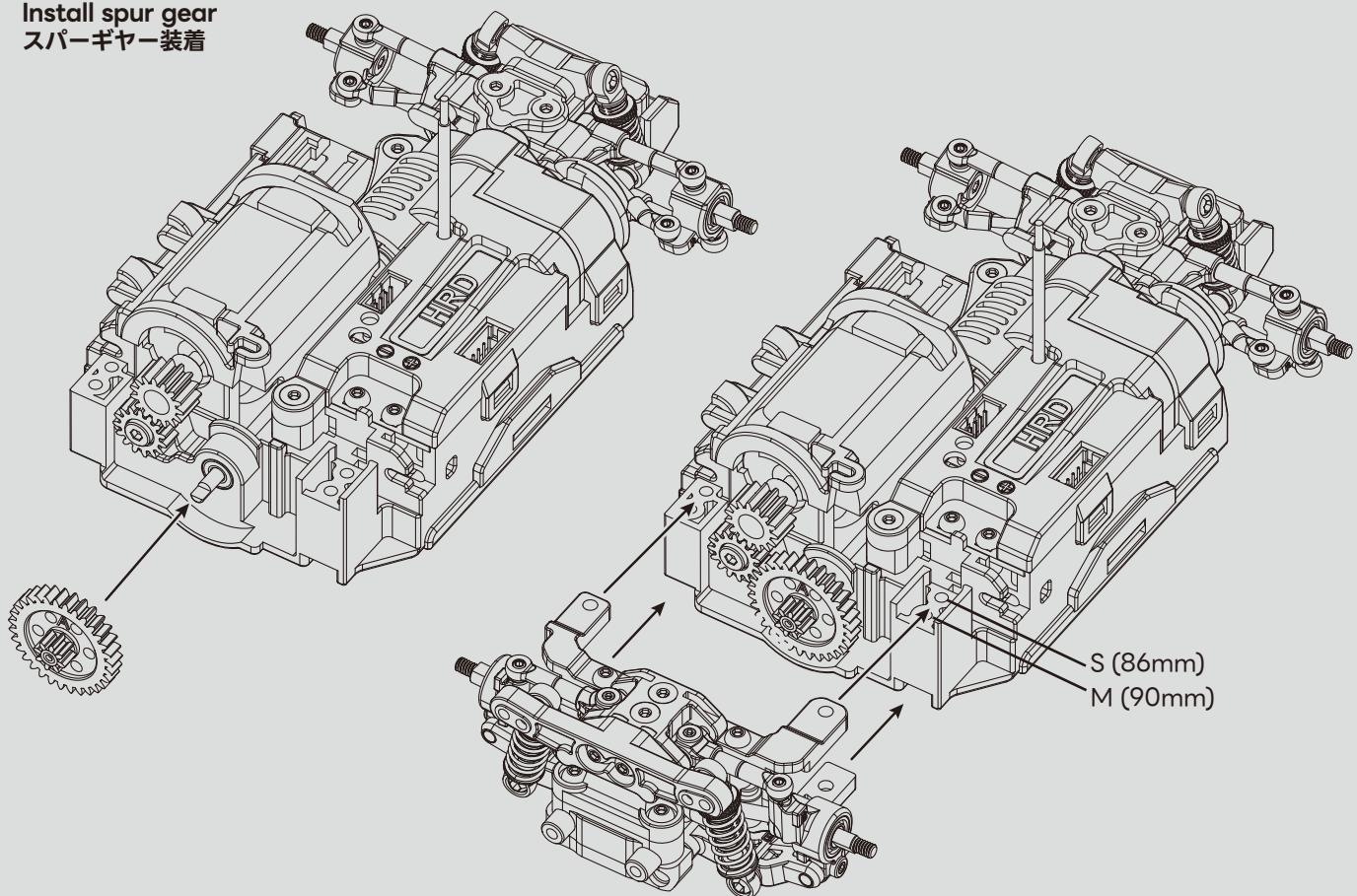
#### BAG 7

Select the spur gear that matches wheelbase.  
ホイールベースに適合するスパーギヤーを選択

MRD-021

Wheelbase ホイールベース				
	S (86mm)	M (90mm)	L (94mm)	LL (98mm)

Install spur gear  
スパーギヤー装着



NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DB (Differential gear Backwarded)

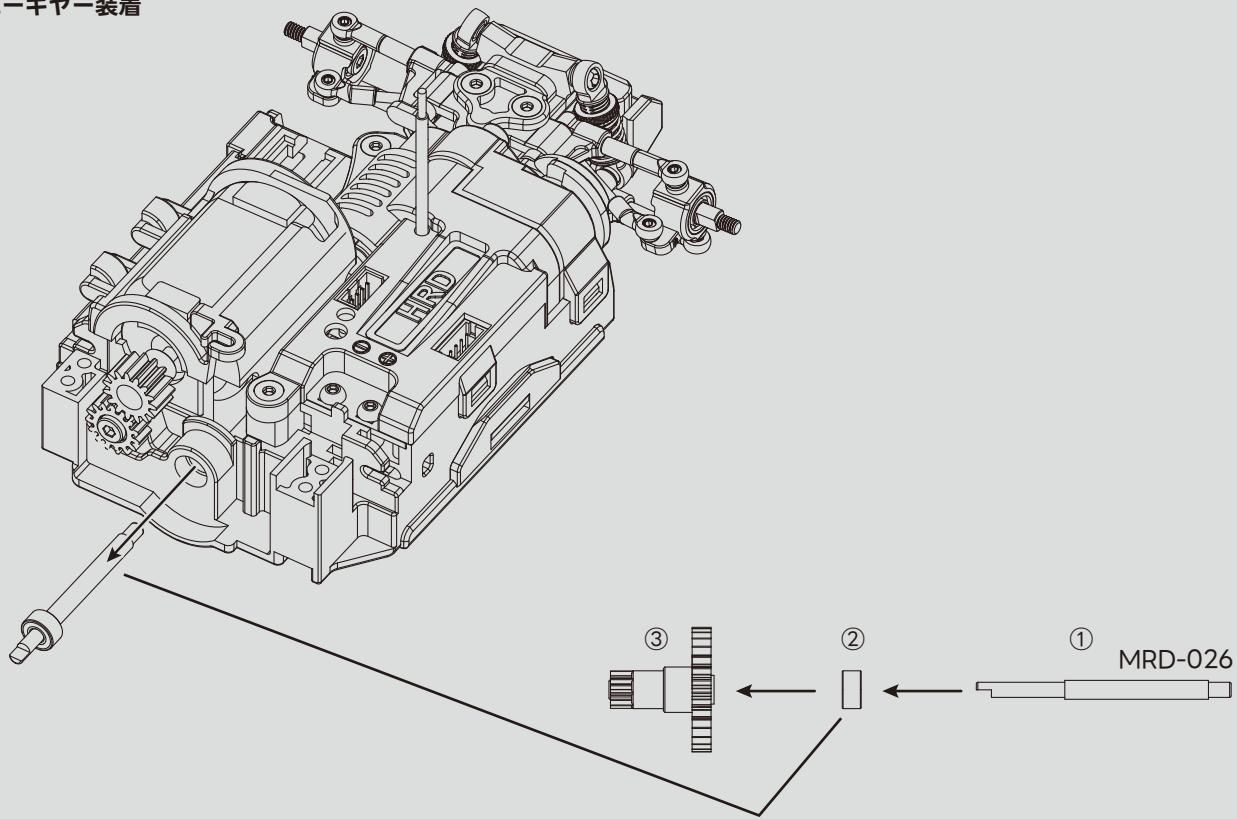
#### BAG 7

Select the spur gear that matches wheelbase.  
ホイールベースに適合するスパーギヤーを選択

MRD-021

Wheelbase ホイールベース				
	S (86mm)	M (90mm)	L (94mm)	LL (98mm)

Install spur gear  
スパーギヤー装着



Not included in MRD Rear Unit Assembly kit  
MRD リヤユニット組み立てキットには付属されていません

NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DB (Differential gear Backwarded)

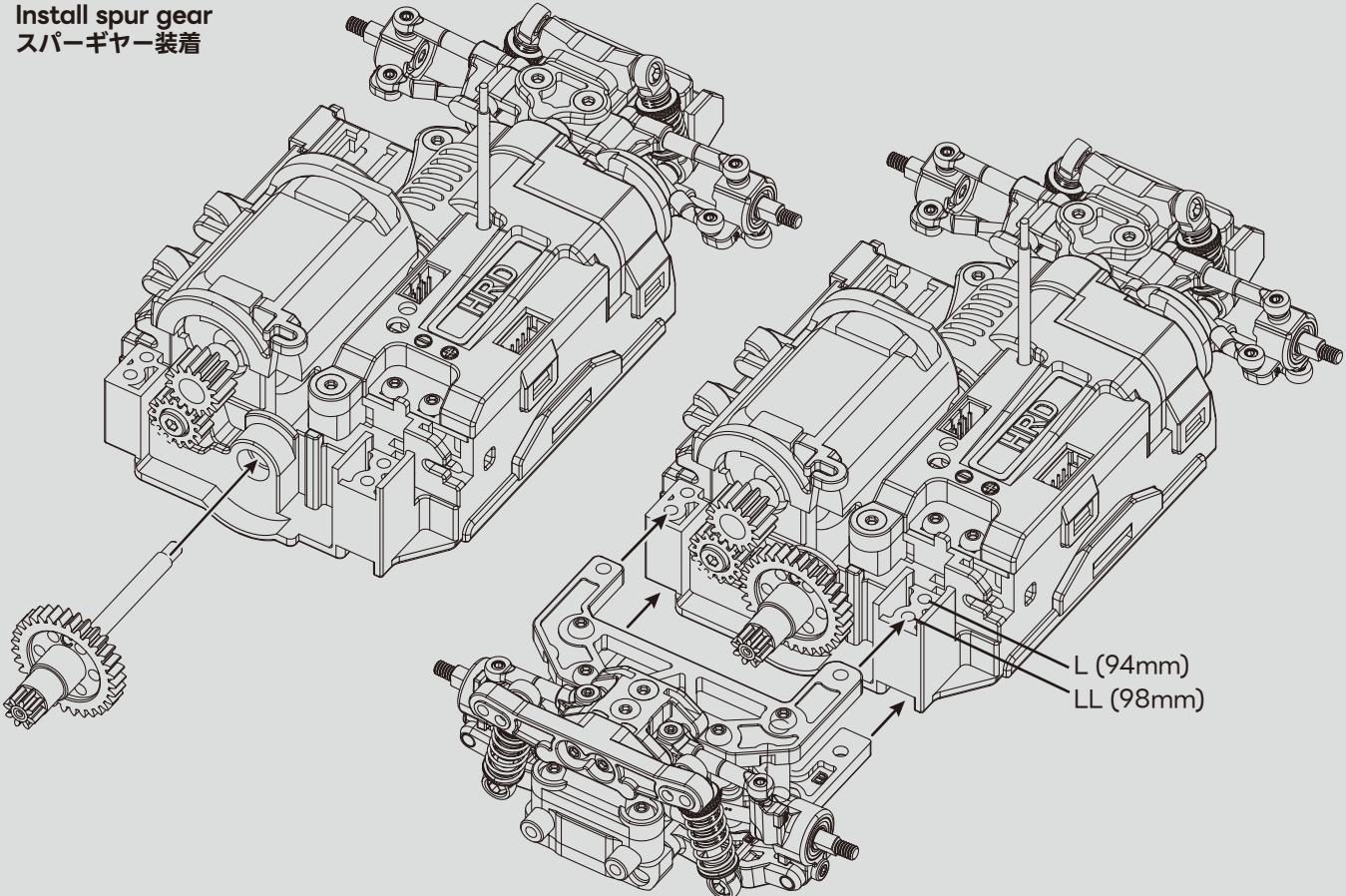
#### BAG 7

Select the spur gear that matches wheelbase.  
ホイールベースに適合するスパーギヤーを選択

MRD-021

Wheelbase ホイールベース				
	S (86mm)	M (90mm)	L (94mm)	LL (98mm)

Install spur gear  
スパーギヤー装着



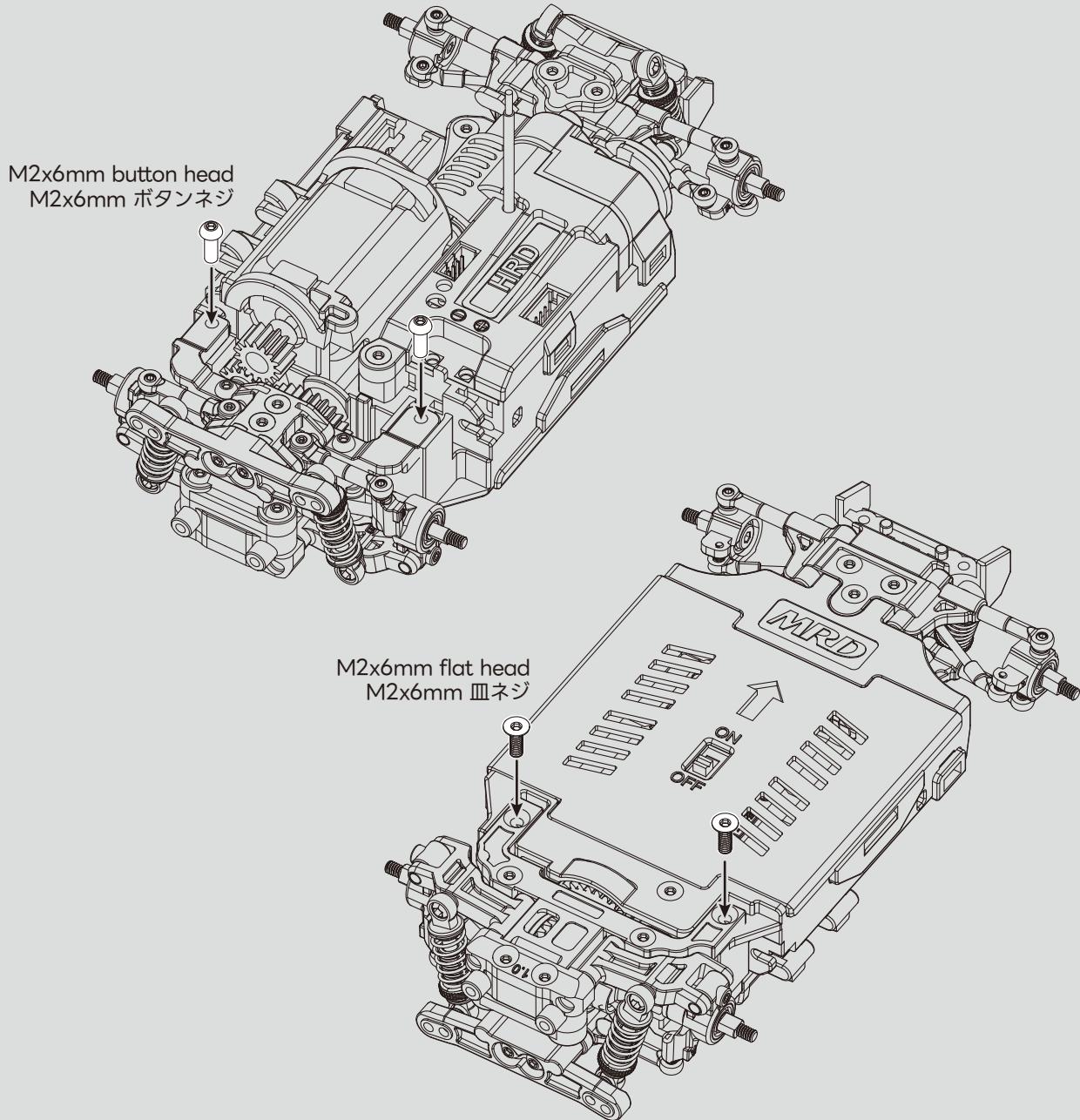
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## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



**DB**  
(Differential gear Backwarded)

**BAG 7**



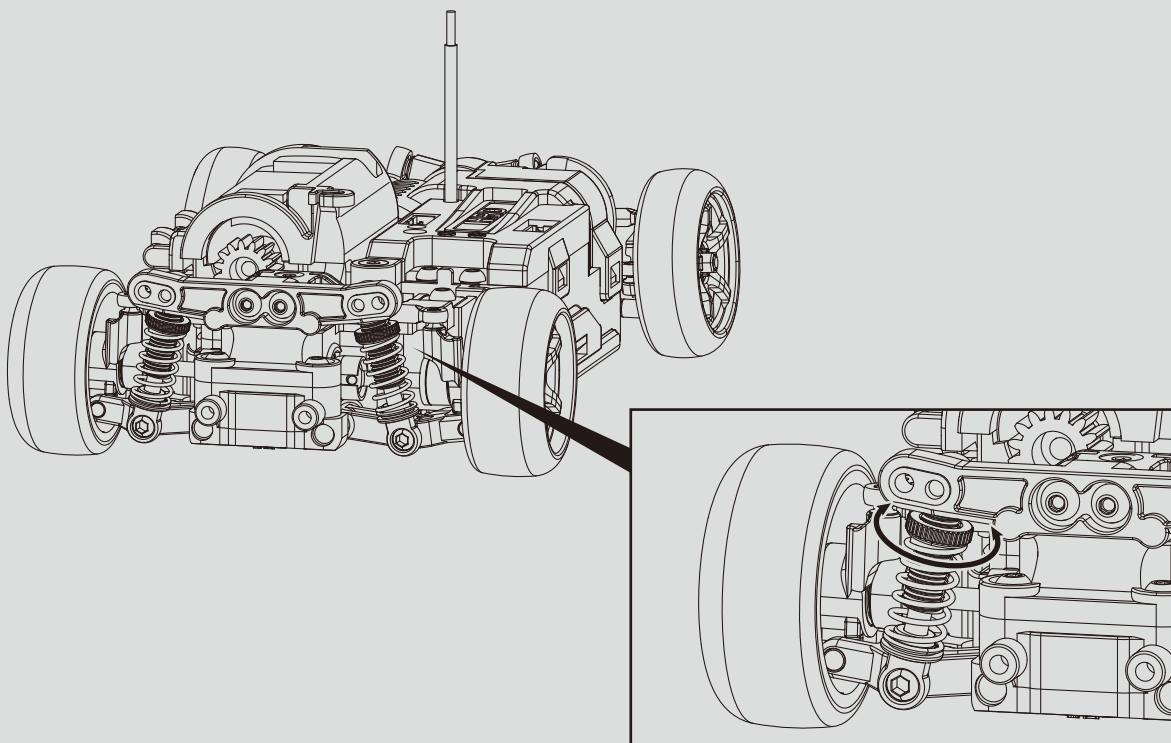
NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DB (Differential gear Backwarded)

Completion, Final Adjustment  
完成、最終調整



Last step, Adjust the ride height with adjuster.  
最後にアジャスターでリヤ車高を調整しましょう。



Turning clockwise raises the ride height.  
時計回りに回すと車高が上がります。



Turning counterclockwise lowers the ride height.  
反時計回りに回すと車高が下がります。

**DF**  
**Differential gear Forwarded**

NO. 1003

**MRD Rear Unit Assembly Kit**  
**MRD リヤユニット組立キット**

NO. 1003

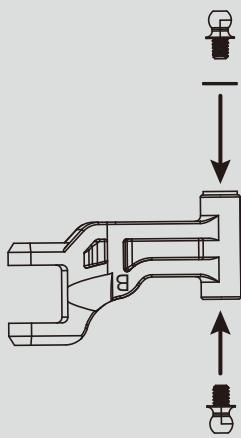
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



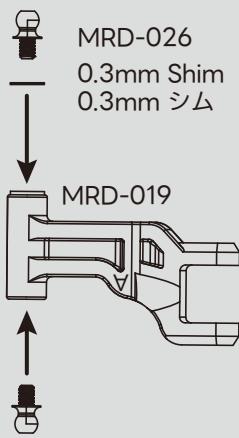
### DF (Differential gear Forwarded)

#### BAG 2

- ① Lower arm
- ① ロアアーム



2mm Pillow ball  
2mm ピローボール

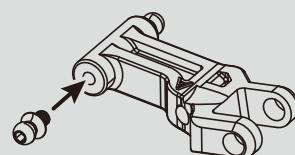


2mm Pillow ball  
2mm ピローボール  
MRD-008

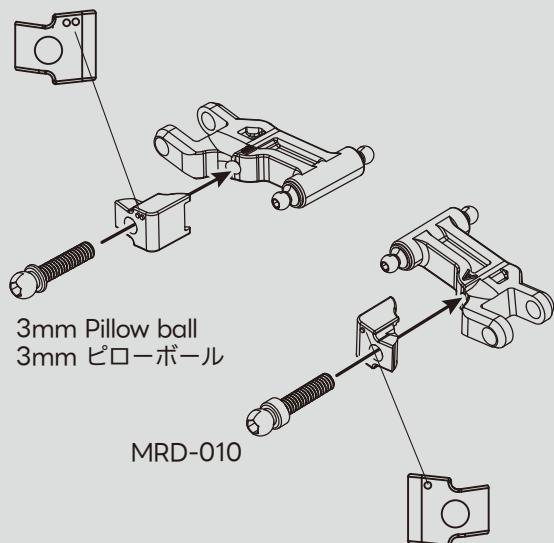
MRD-026  
0.3mm Shim  
0.3mm シム

#### CAUTION!

\*Assemble Vertically  
\*垂直に組み立て

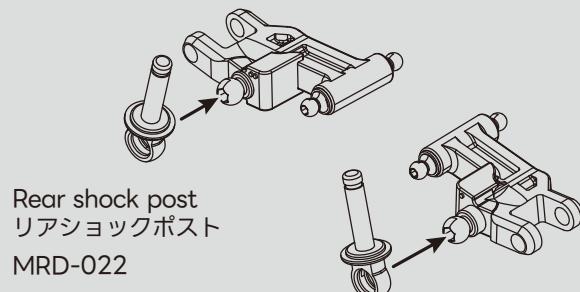


- ② Lower arm 3mm balls
- ② ロアアーム 3mm ボール



3mm Pillow ball  
3mm ピローボール

MRD-010



Rear shock post  
リアショックポスト  
MRD-022

NO.1003

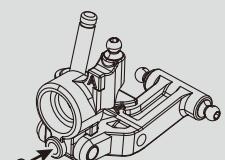
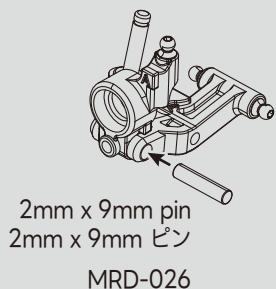
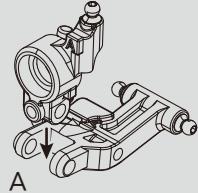
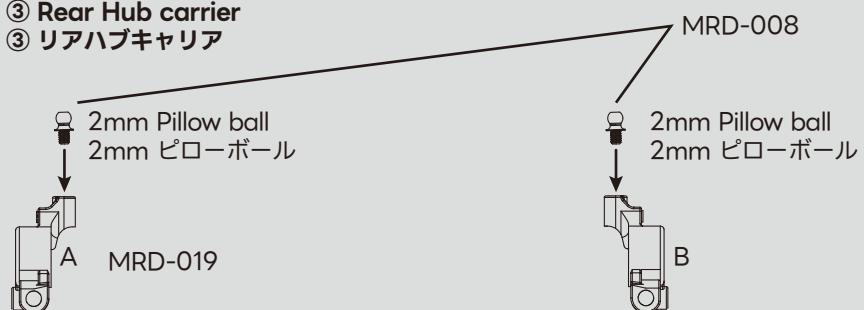
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DF (Differential gear Forwarded)

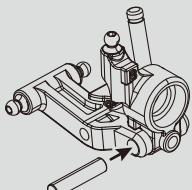
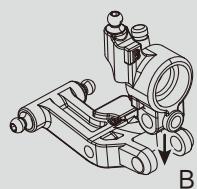
#### BAG 2

- ③ Rear Hub carrier  
③ リアハブキャリア

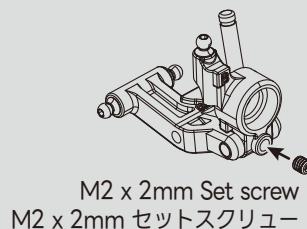


2mm x 9mm pin  
2mm x 9mm ピン  
MRD-026

M2 x 2mm Set screw  
M2 x 2mm セットスクリュー  
MRD-029



2mm x 9mm pin  
2mm x 9mm ピン



M2 x 2mm Set screw  
M2 x 2mm セットスクリュー

NO. 1003

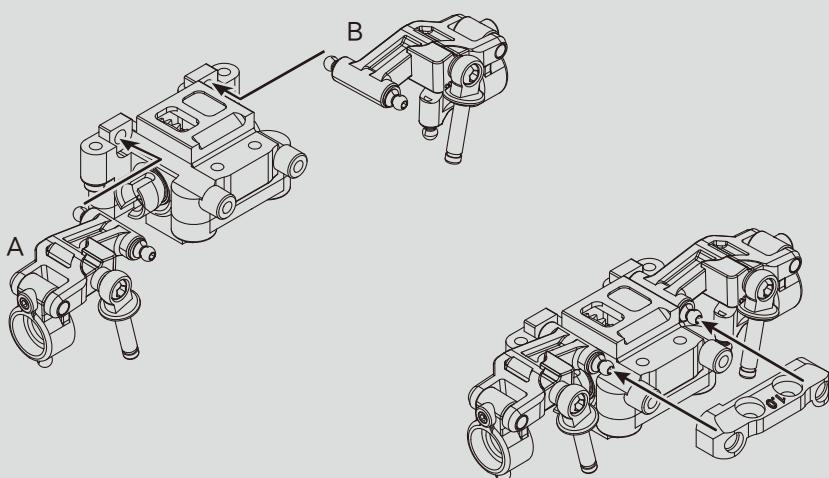
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



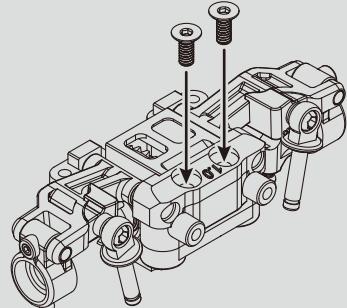
### DF (Differential gear Forwarded)

#### BAG 2

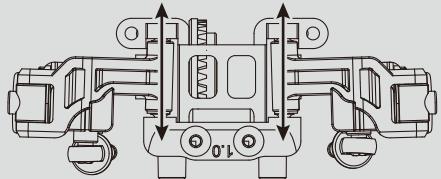
④



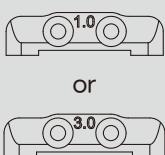
M2x5mm flat head  
M2x5mm皿ネジ



Adjustment of Mechanical Play  
ガタの調整

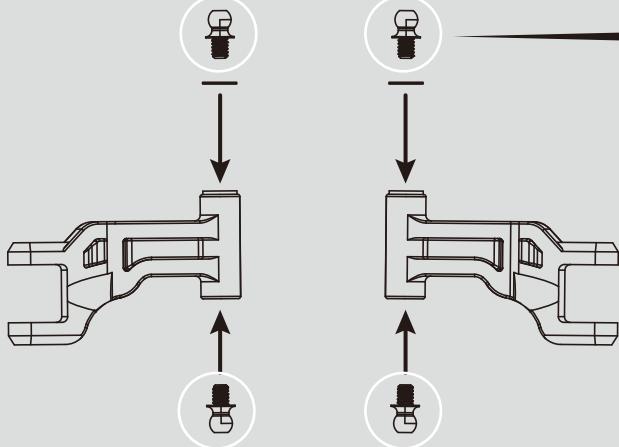


Select Toe block  
トープロック選択



Adjust the tightening of the 2mm pillow ball  
screws to eliminate any back and forth play in  
the lower arm.

2mmピローボールのネジ締め具合を調整し、ロアア  
ームの前後方向のガタをなくしましょう



NO.1003

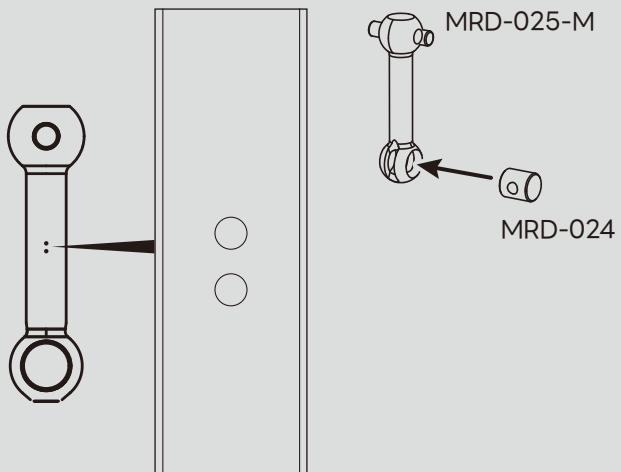
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



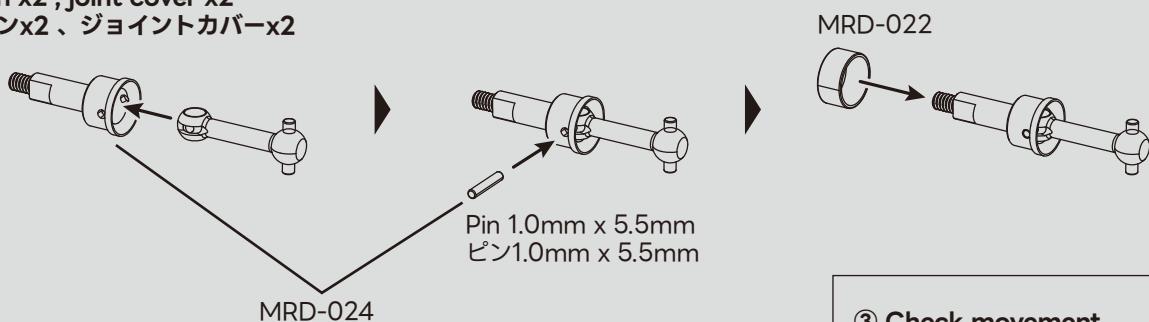
### DF (Differential gear Forwarded)

#### BAG 3

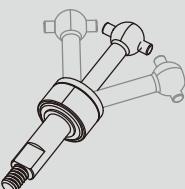
- ① Swing Shaft x2  
① スイングシャフト x2



- ② pin x2 , joint cover x2  
② ピンx2、ジョイントカバーx2



- ③ Check movement  
③ 動きをチェック、



\*Check it moves smoothly  
\*スムーズに動くのか確認しましょう

NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



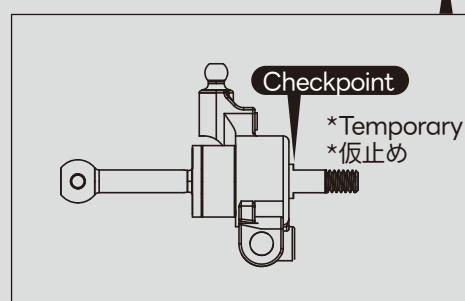
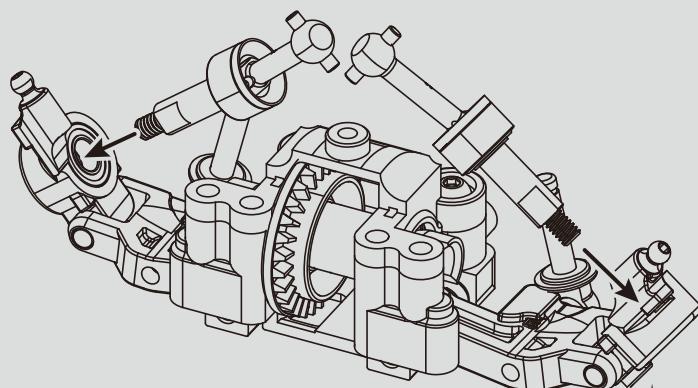
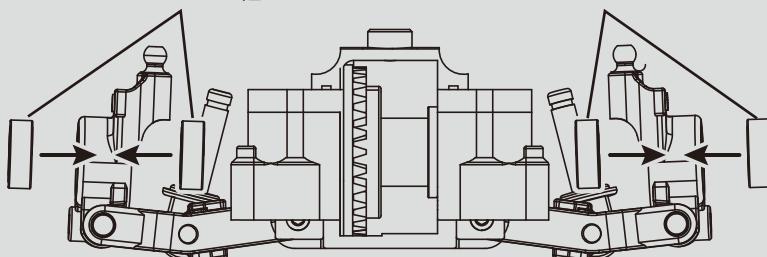
### DF (Differential gear Forwarded)

#### BAG 3

- ④ Rear Hub carrier  
④ リアハブキャリア

MRD-028  
630 Bearing Width 2mm  
630 ベアリング 2mm幅

MRD-028  
630 Bearing Width 2mm  
630 ベアリング 2mm幅



NO.1003

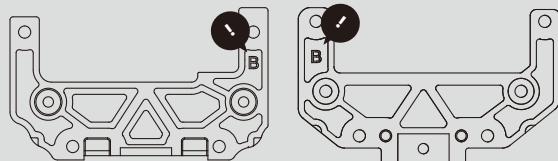
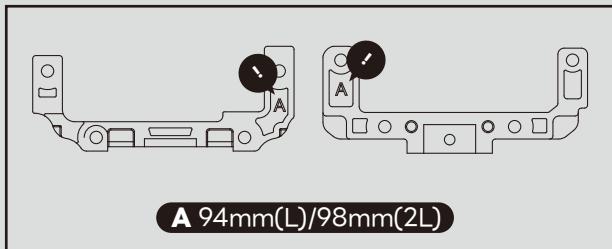
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



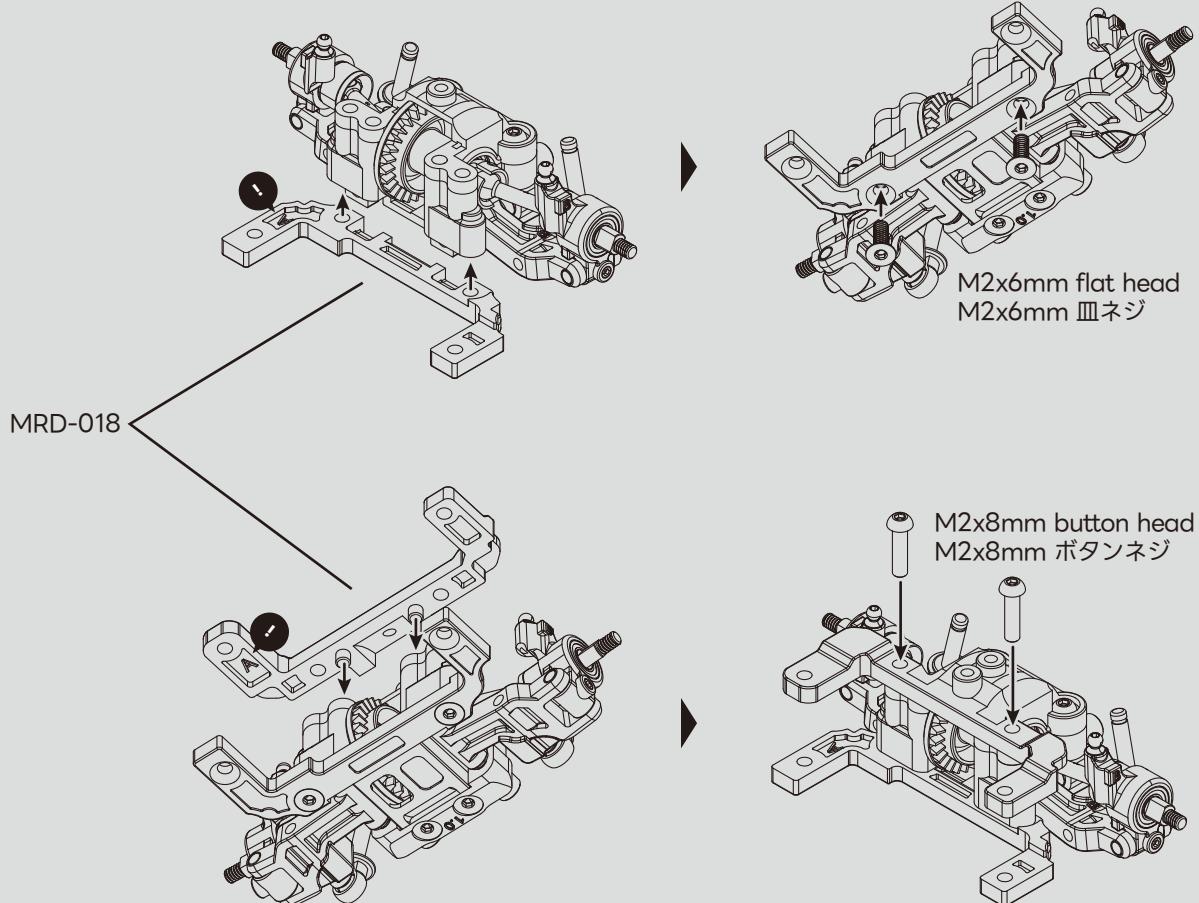
### DF (Differential gear Forwarded)

#### BAG 4

Select Wheelbase plate  
ホイールベースプレート選択



B 102mm(3L)/106mm(4L)



NO.1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



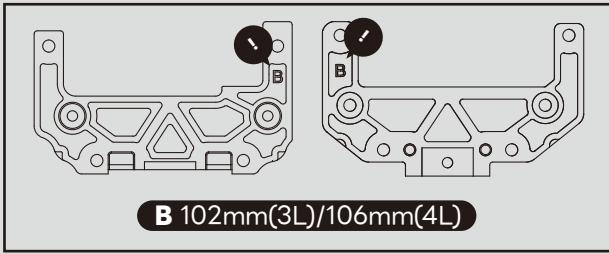
### DF (Differential gear Forwarded)

#### BAG 4

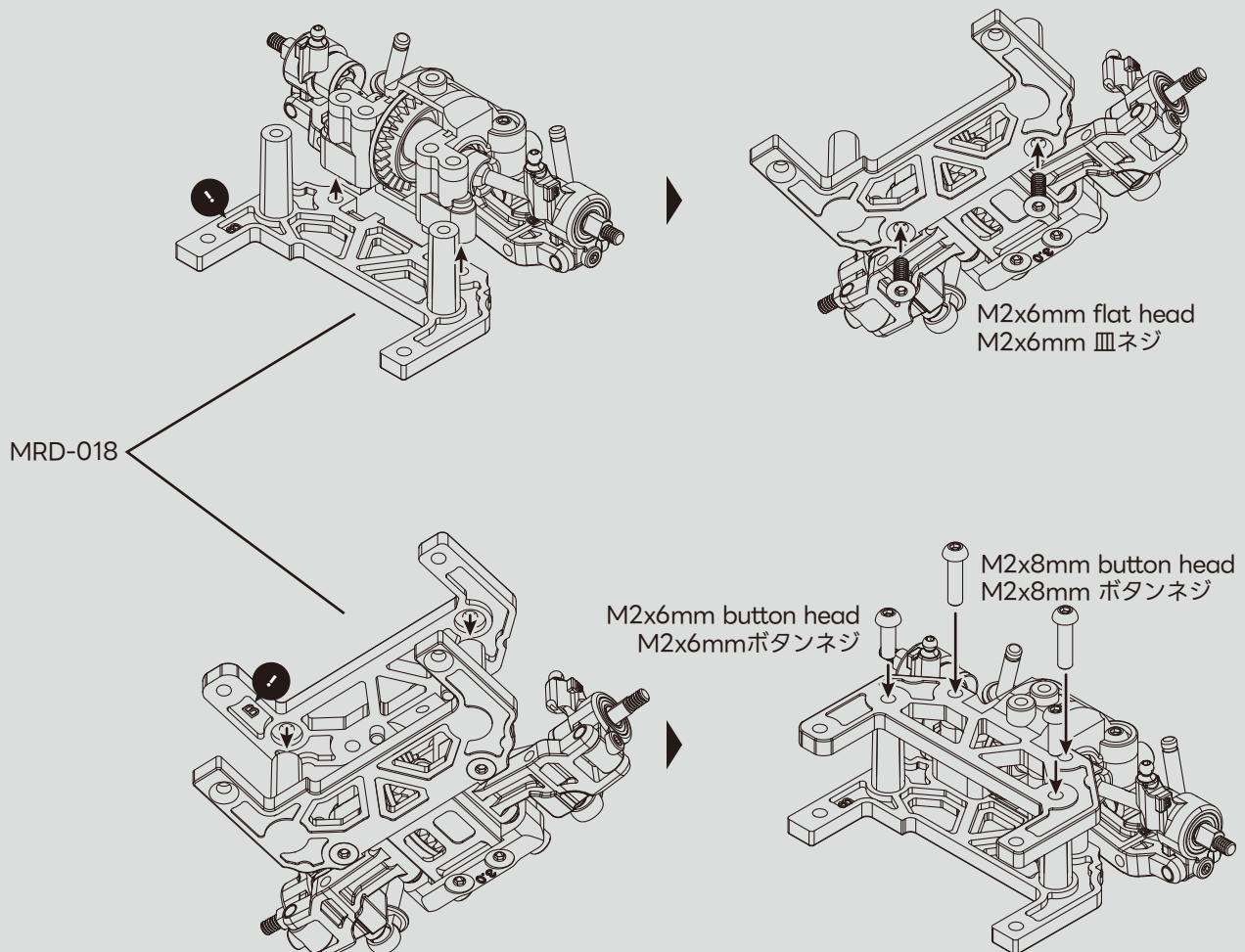
Select Wheelbase plate  
ホイールベースプレート選択



A 94mm(L)/98mm(2L)



B 102mm(3L)/106mm(4L)



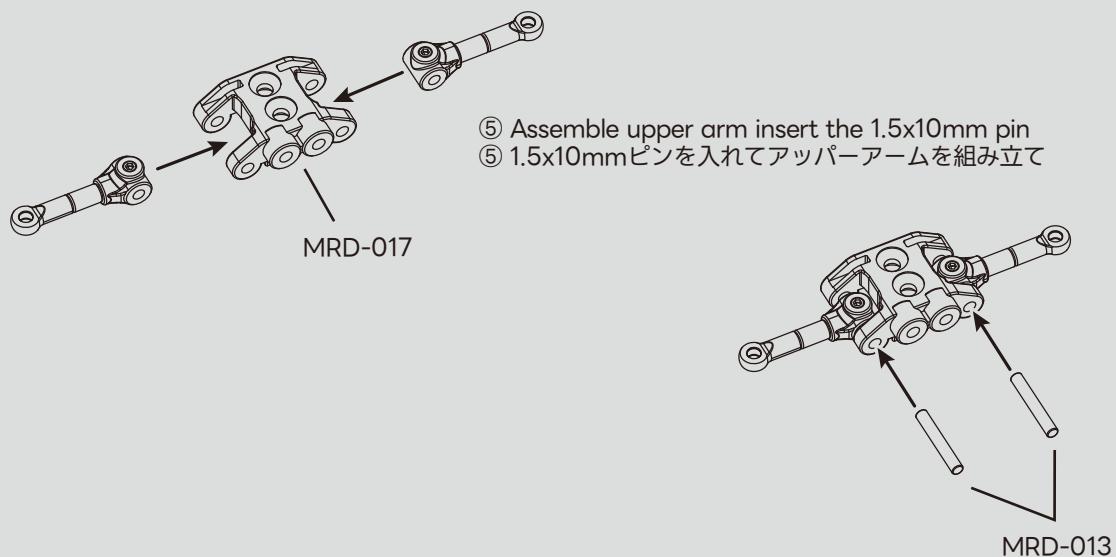
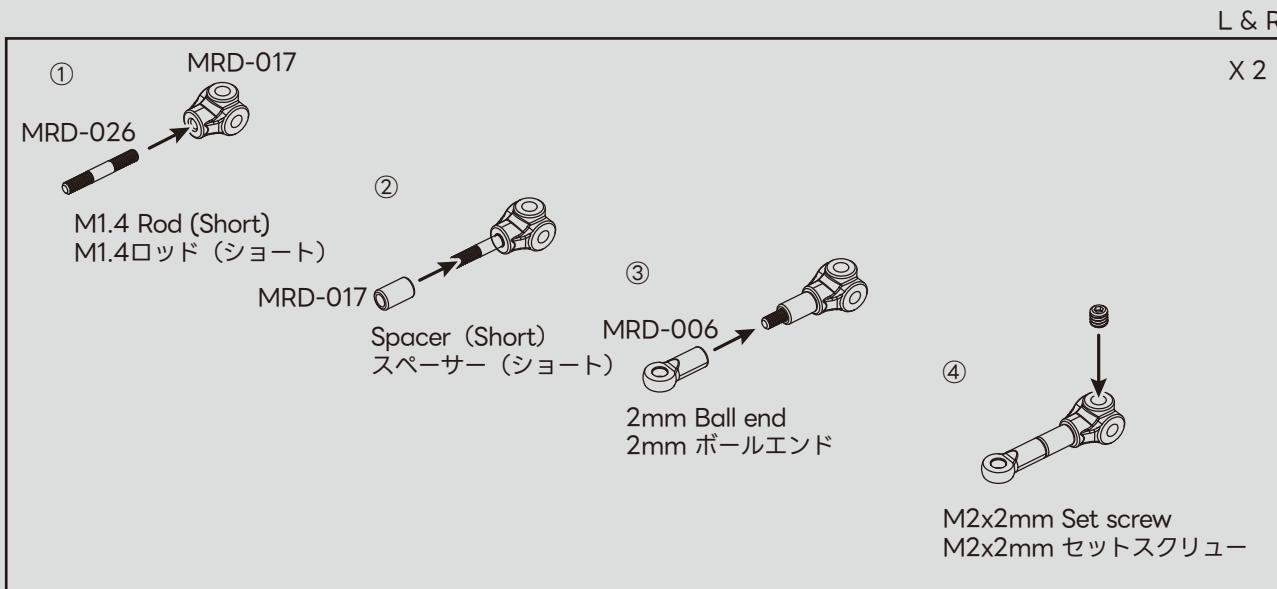
NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



**DF**  
(Differential gear Forwarded)

### BAG 5



NO. 1003

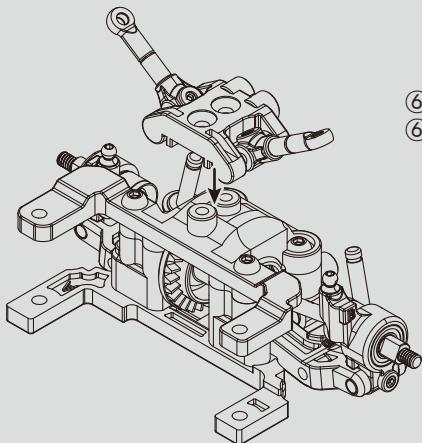
# MRD Rear Unit Assembly Kit

## MRD リヤユニット組立キット

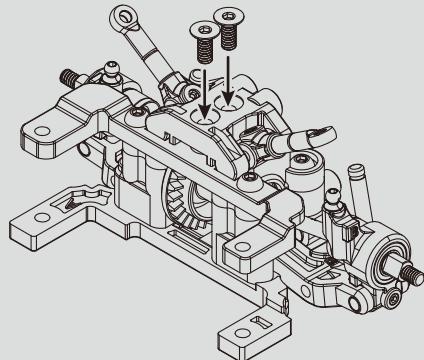


### DF (Differential gear Forwarded)

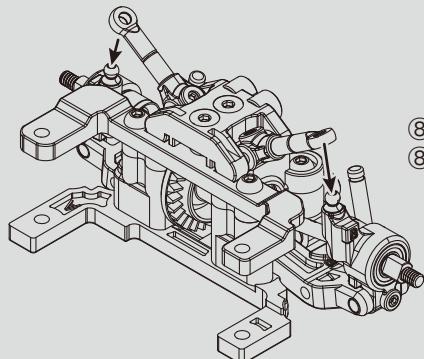
#### BAG 5



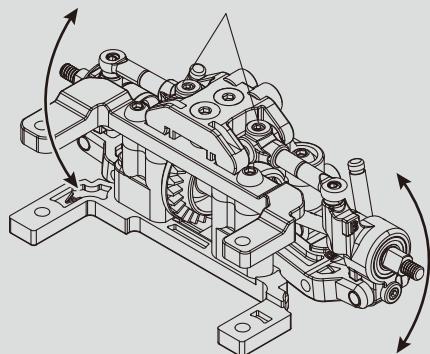
- ⑥ Assemble upper arm holder with M2x5mm flat head  
⑥ M2x5mm 皿ネジでアッパーアームホルダーを組み立て



- ⑦ Assemble 2mm pillow ball with ball ends  
⑦ 2mmピローボールとボールエンドを組み立て



- ⑧ Hold tight upper arm with 2mm set screw to prevent slide away  
⑧ アッパーアームの位置をM2セットスクリューで固定



\*Check it moves smoothly  
\*スムーズに動くのか確認しましょう

NO. 1003

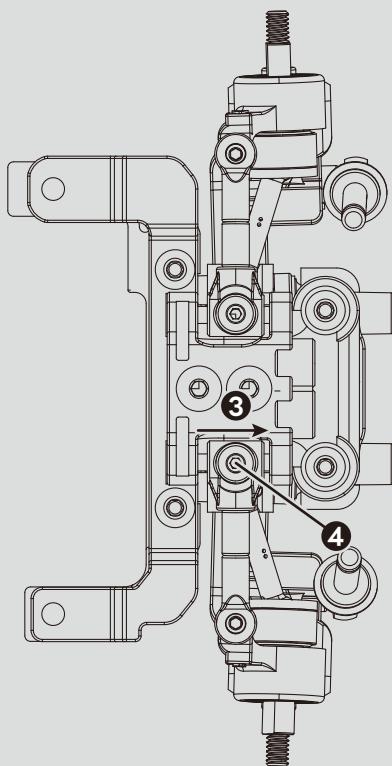
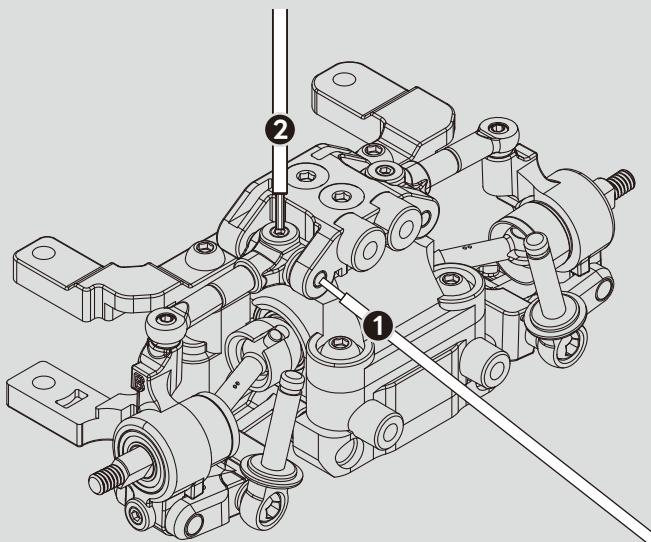
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DF (Differential gear Forwarded)

#### BAG 5

##### Cautions When Tightening the Set Screw for the Upper Arm



- ① Push the pin forward
- ② Loosen the temporary set screw
- ③ Move the upper suspension arm back
- ④ Secure the set screw

※If the upper suspension arm is not moving properly, move it forward slightly (about 0.1 mm) and secure it in place.

- ①ピンを前におして
- ②仮止めのセットスクリューを緩める
- ③アッパーサスアームを後ろに寄せる
- ④セットスクリューを固定

※アッパーサスアームの動きが悪い場合には、サスアームの位置を少し（0.1mm程度）前に移動させて固定する

NO. 1003

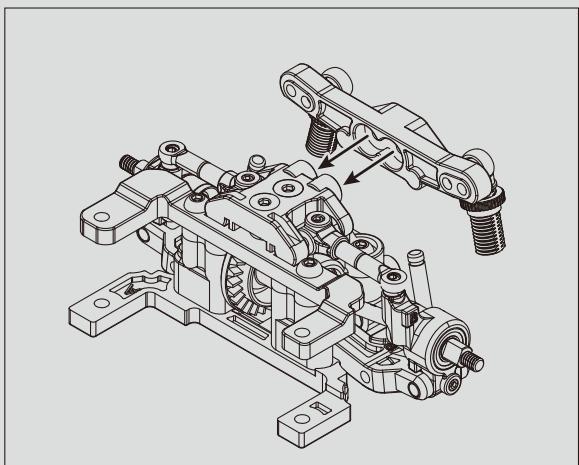
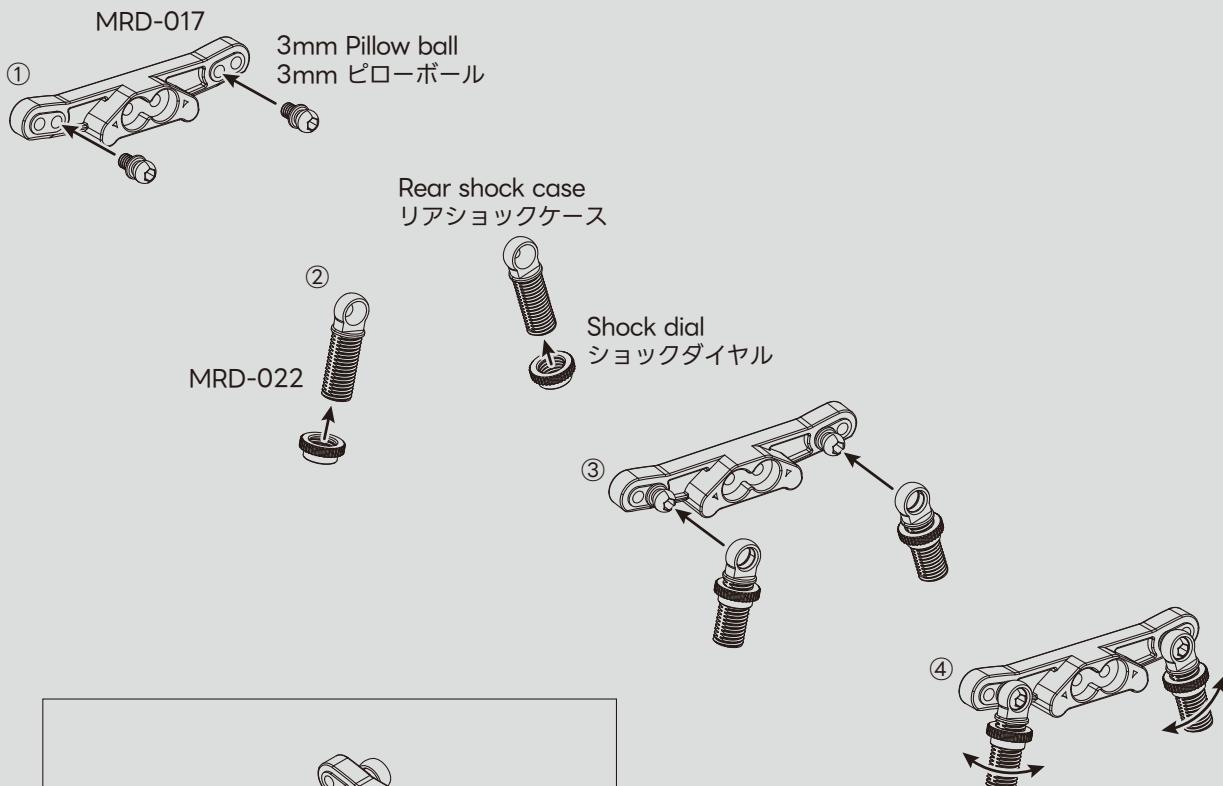
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DF (Differential gear Forwarded)

#### BAG 6

Shock tower  
ショックタワー



NO. 1003

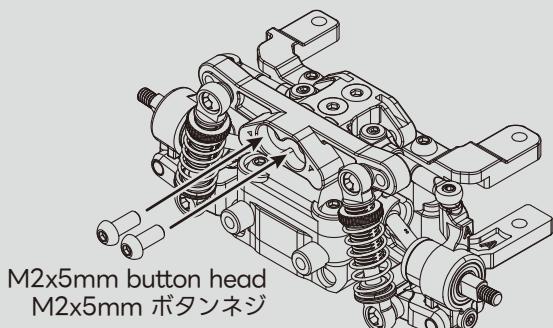
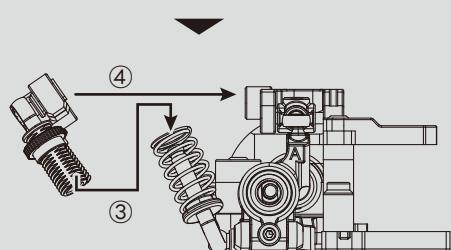
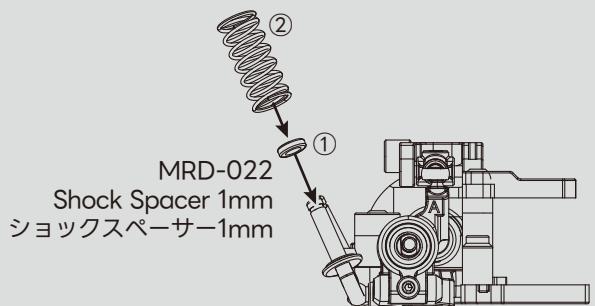
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DF (Differential gear Forwarded)

#### BAG 6

Select and install the springs and assemble the shock towers to the rear unit.  
スプリングを選んで装着して、ショックタワーをリアユニットに組み立て



MRD-027

Hard ハード →Compatible with heavy body shell  
→重いボディに適合



Medium ミディアム →Standard Setup  
→標準仕様



Soft ソフト →Compatible with extreme roll setup  
→鬼ロール仕様に適合



NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DF (Differential gear Forwarded)

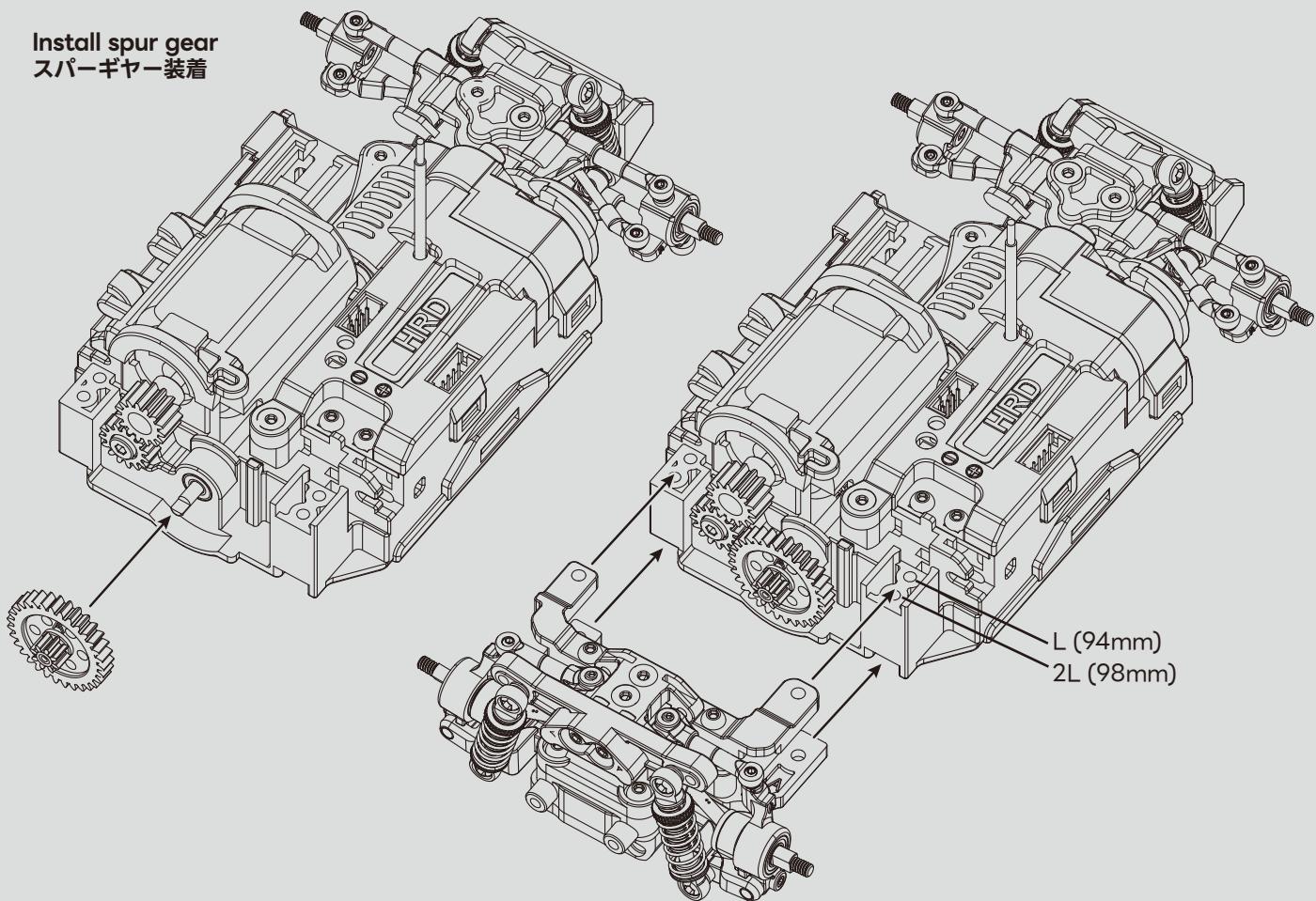
#### BAG 7

Select the spur gear that matches wheelbase.  
ホイールベースに適合するスパーギヤーを選択

MRD-021

Wheelbase ホイールベース				
	L(94mm)	2L(98mm)	3L(102mm)	4L(106mm)

Install spur gear  
スパーギヤー装着



NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DF (Differential gear Forwarded)

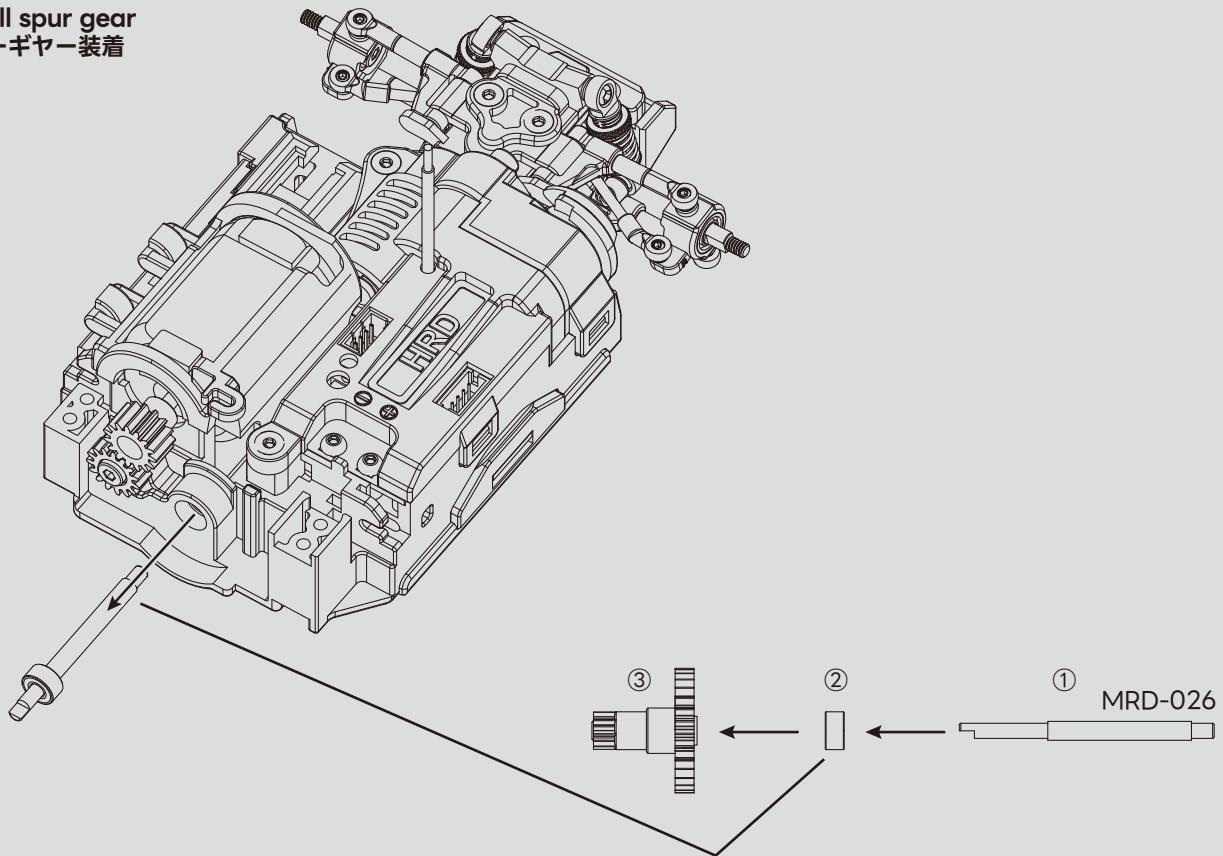
#### BAG 7

Select the spur gear that matches wheelbase.  
ホイールベースに適合するスパーギヤーを選択

MRD-021

Wheelbase ホイールベース				
	L(94mm)	2L(98mm)	3L(102mm)	4L(106mm)

Install spur gear  
スパーギヤー装着



Not included in MRD Rear Unit Assembly kit  
MRD リヤユニット組み立てキットには付属されていません

NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DF (Differential gear Forwarded)

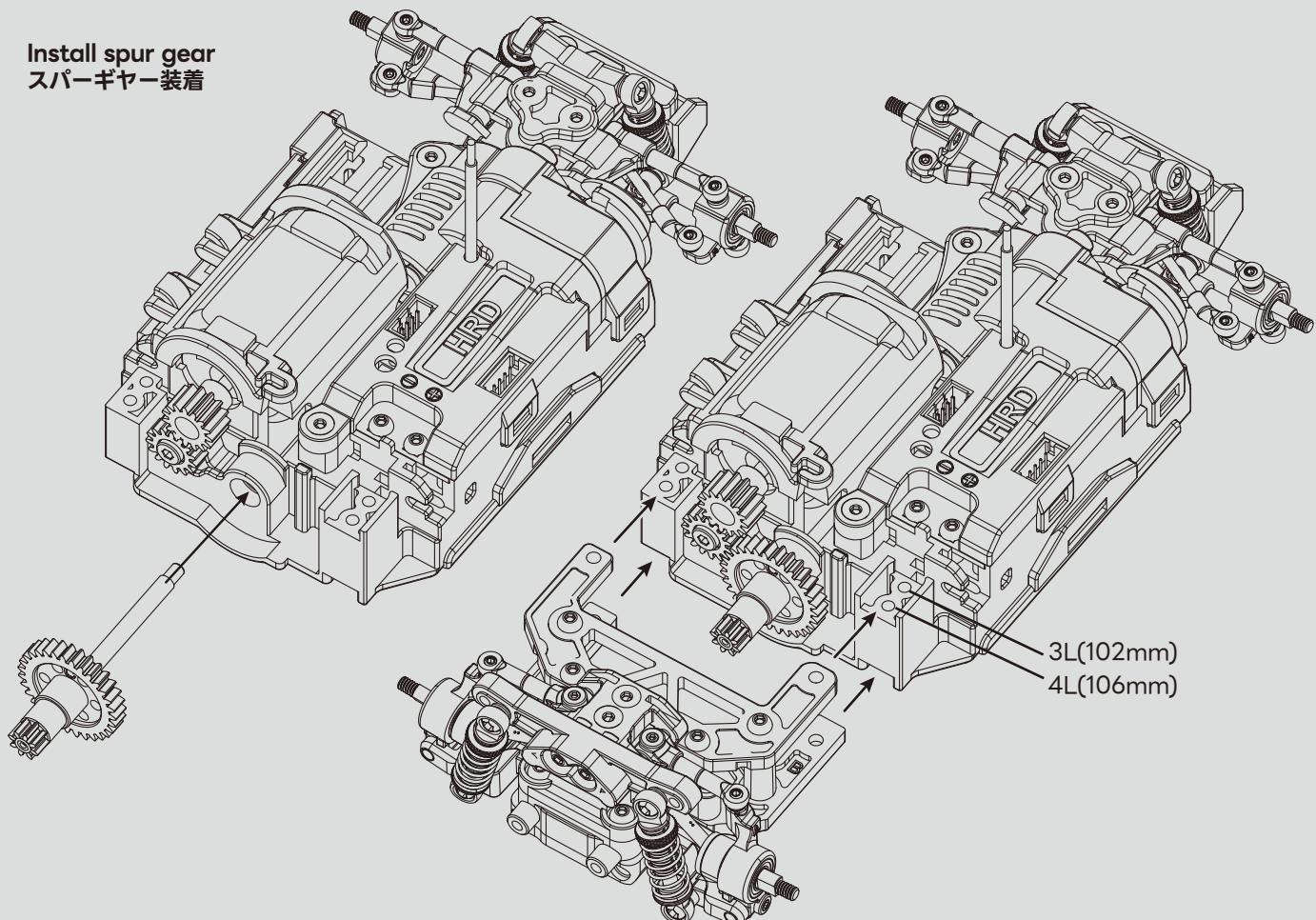
#### BAG 7

Select the spur gear that matches wheelbase.  
ホイールベースに適合するスパーギヤーを選択

MRD-021

Wheelbase ホイールベース				
	L(94mm)	2L(98mm)	3L(102mm)	4L(106mm)

Install spur gear  
スパーギヤー装着



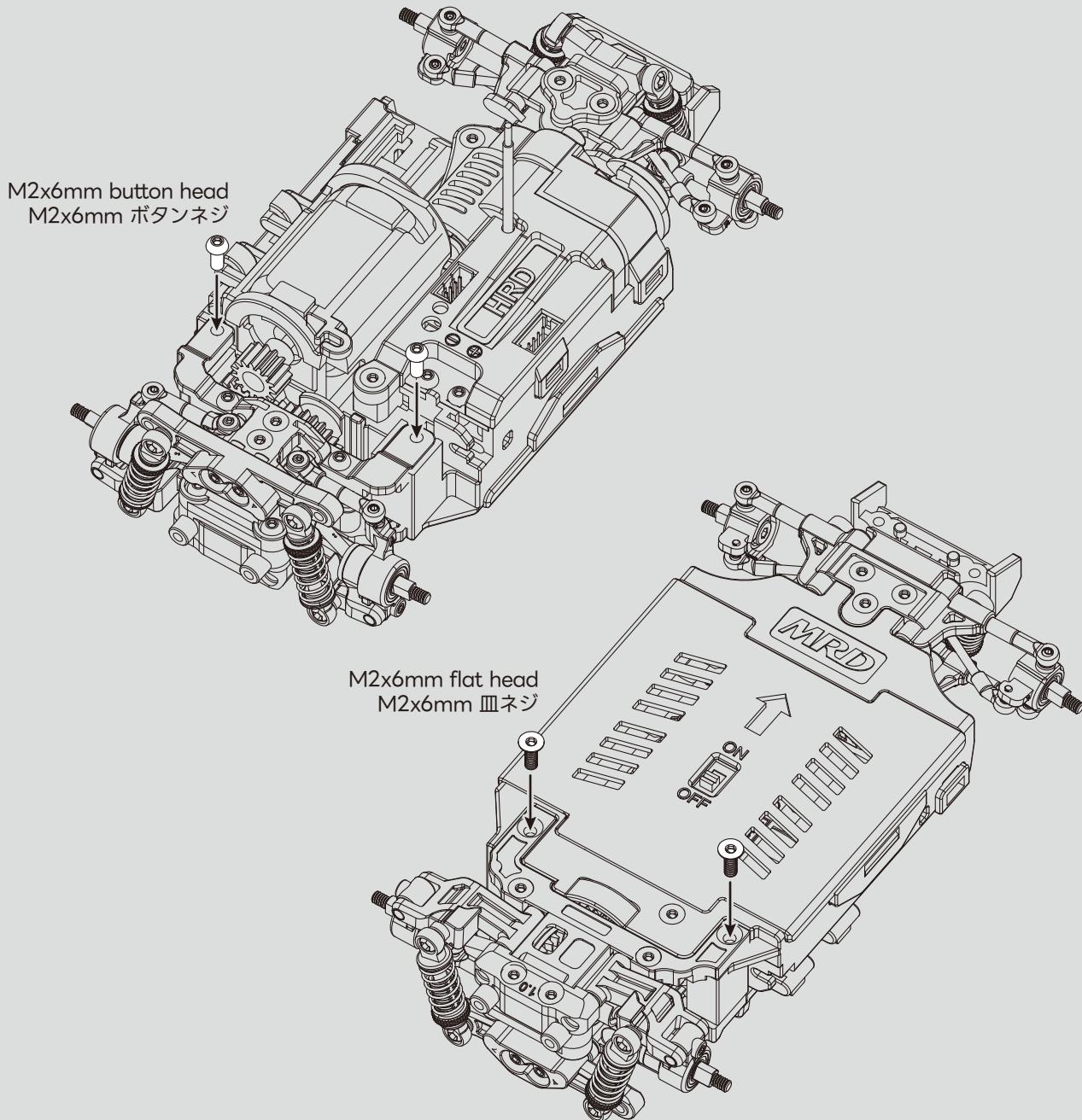
NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



**DF**  
(Differential gear Forwarded)

**BAG 7**



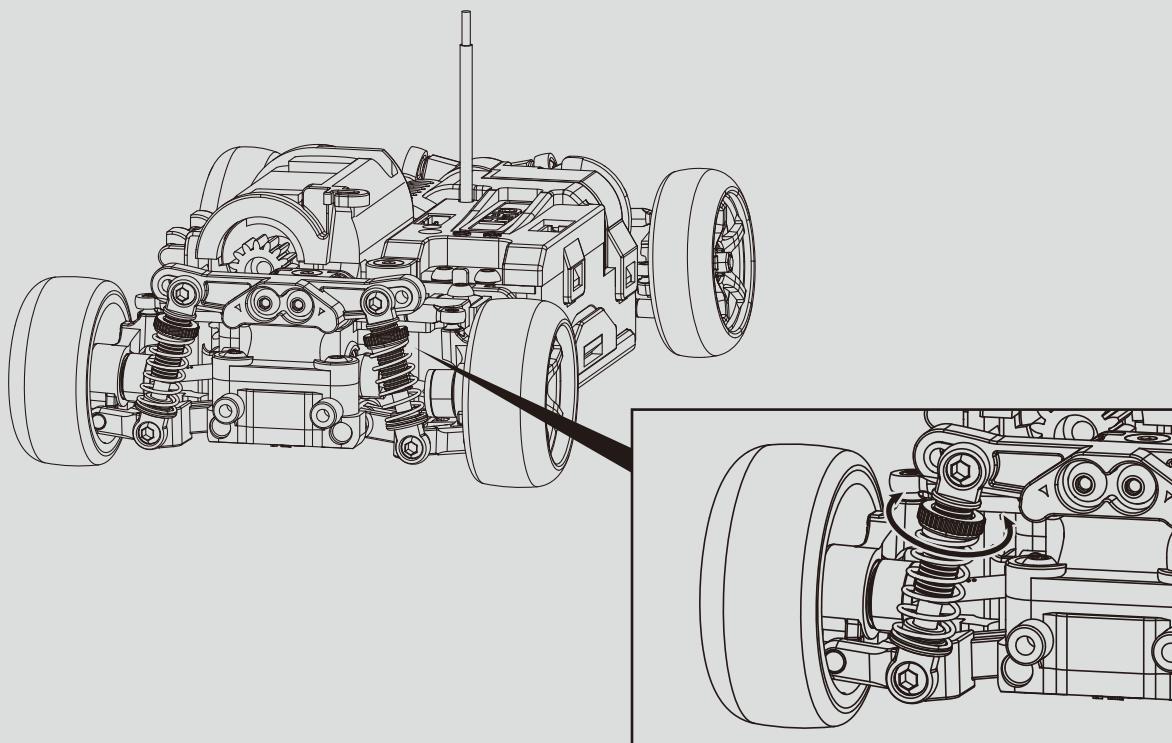
NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DF (Differential gear Forwarded)

Completion, Final Adjustment  
完成、最終調整



Last step, Adjust the ride height with adjuster.  
最後にアジャスターでリヤ車高を調整しましょう。



Turning clockwise raises the ride height.  
時計回りに回すと車高が上がります。



Turning counterclockwise lowers the ride height.  
反時計回りに回すと車高が下がります。

**DC Narrow**  
Differential gear Centered Narrow

NO. 1003

**MRD Rear Unit Assembly Kit**  
**MRD リヤユニット組立キット**

NO. 1003

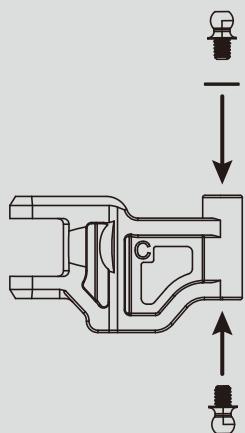
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



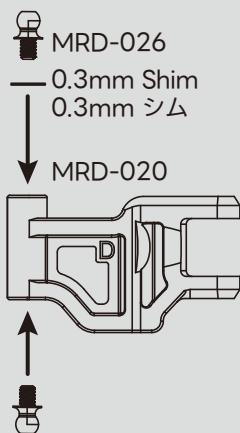
### DC Narrow Differential gear Centered Narrow

#### BAG 2

- ① Lower arm  
① ロアアーム



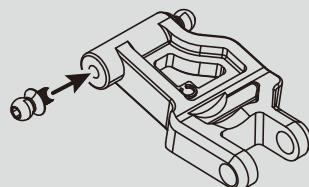
2mm Pillow ball  
2mm ピローボール



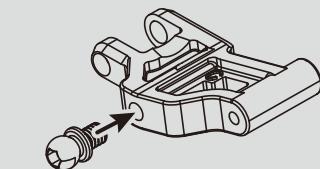
2mm Pillow ball  
2mm ピローボール  
MRD-008

#### CAUTION!

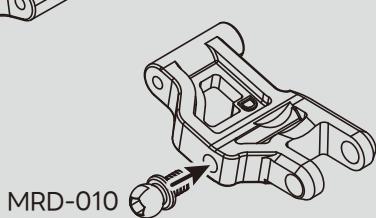
\*Assemble Vertically  
\*垂直に組み立て



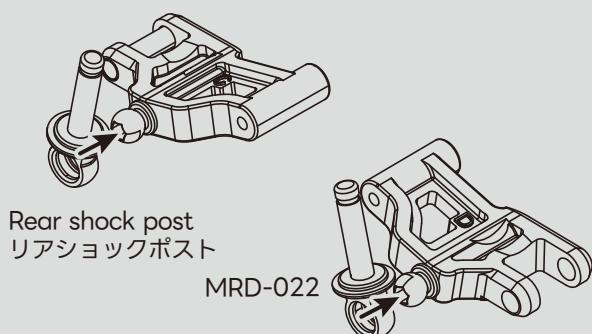
- ② Lower arm 3mm balls  
② ロアアーム 3mm ボール



3mm Pillow ball  
3mm ピローボール



MRD-010



Rear shock post  
リアショックポスト

MRD-022

NO.1003

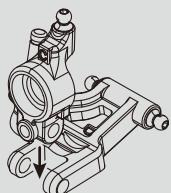
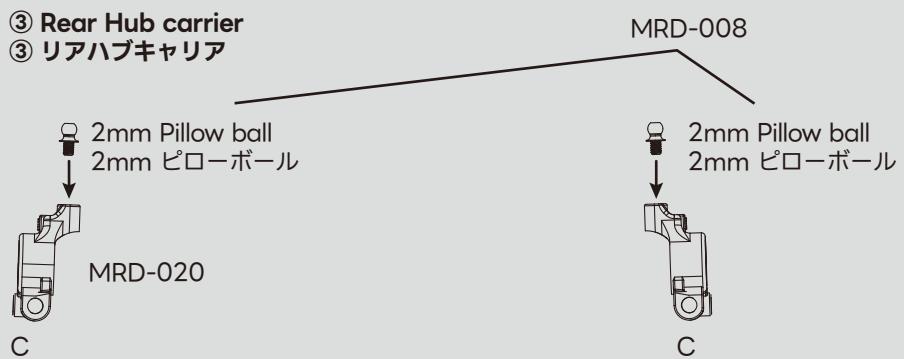
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



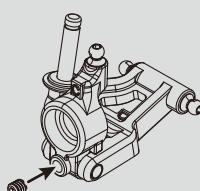
### DC Narrow Differential gear Centered Narrow

#### BAG 2

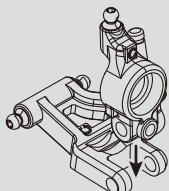
- ③ Rear Hub carrier  
③ リアハブキャリア



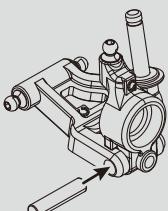
2mm x 9mm pin  
2mm x 9mm ピン  
MRD-026



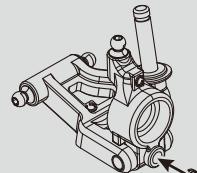
M2 x 2mm Set screw  
M2 x 2mm セットスクリュー  
MRD-029



2mm x 9mm pin  
2mm x 9mm ピン



M2 x 2mm Set screw  
M2 x 2mm セットスクリュー



NO. 1003

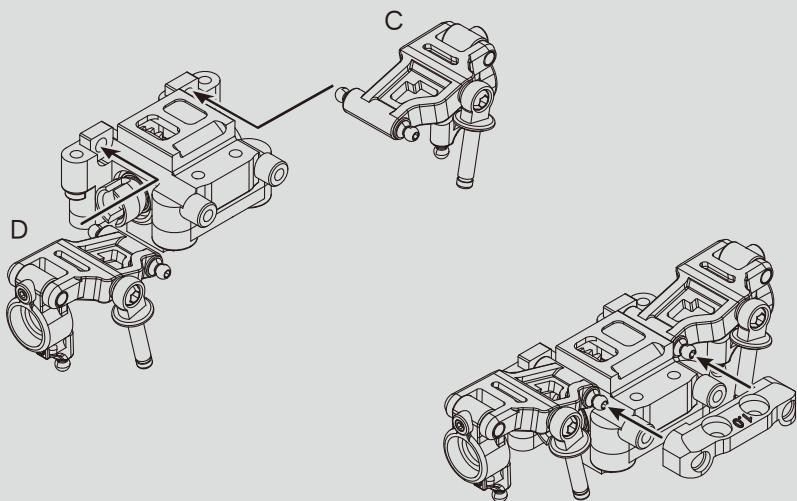
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



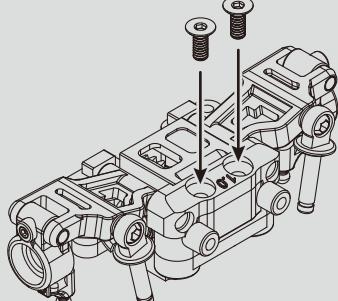
DC Narrow  
Differential gear Centered Narrow

### BAG 2

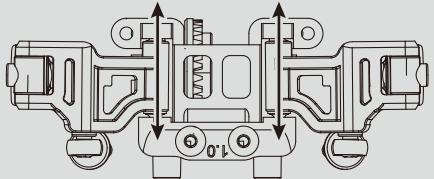
④



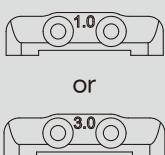
M2x5mm flat head  
M2x5mm皿ネジ



Adjustment of Mechanical Play  
ガタの調整

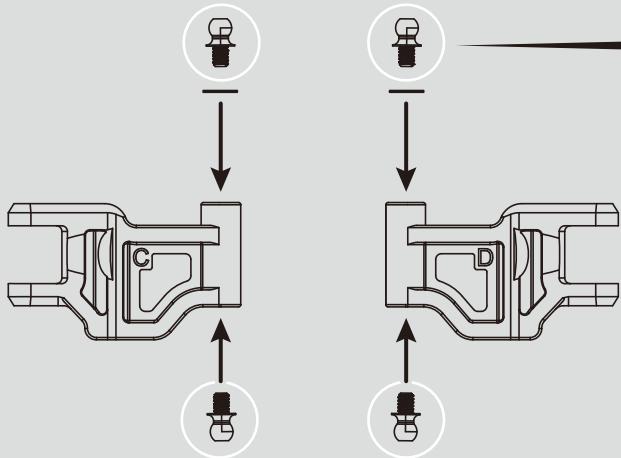


Select Toe block  
トープロック選択



Adjust the tightening of the 2mm pillow ball  
screws to eliminate any back and forth play in  
the lower arm.

2mmピローボールのネジ締め具合を調整し、ロアア  
ームの前後方向のガタをなくしましょう



NO.1003

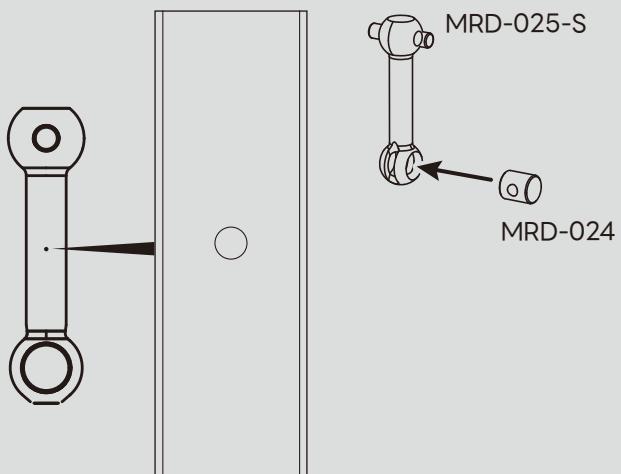
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



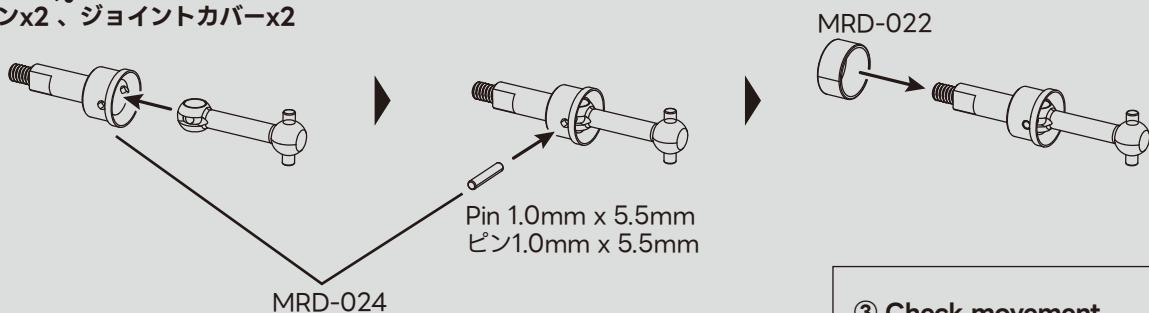
DC Narrow  
Differential gear Centered Narrow

### BAG 3

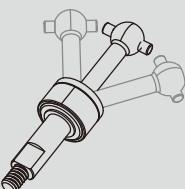
- ① Swing Shaft x2  
① スイングシャフト x2



- ② pin x2 , joint cover x2  
② ピンx2、ジョイントカバーx2



- ③ Check movement  
③ 動きをチェック、



\*Check it moves smoothly  
\*スムーズに動くのか確認しましょう

NO.1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



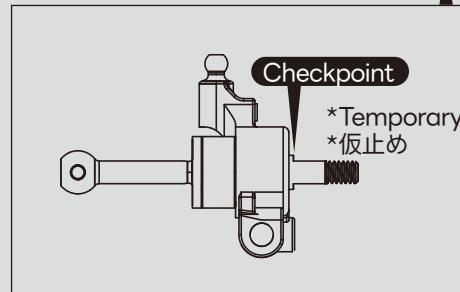
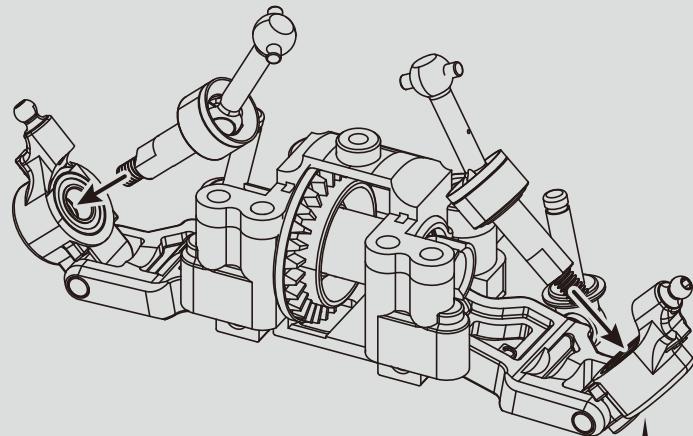
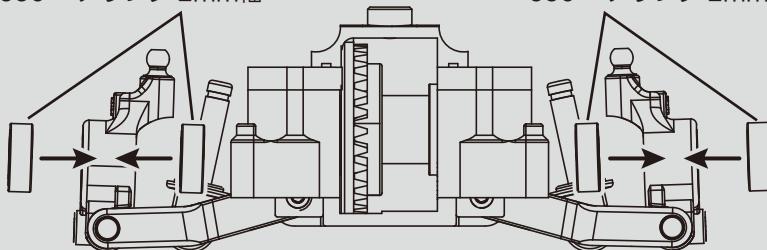
**DC Narrow**  
**Differential gear Centered Narrow**

### BAG 3

- ④ Rear Hub carrier  
④ リアハブキャリア

MRD-028  
630 Bearing Width 2mm  
630 ベアリング 2mm幅

MRD-028  
630 Bearing Width 2mm  
630 ベアリング 2mm幅



NO.1003

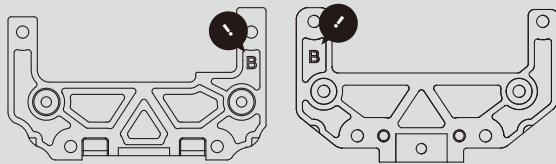
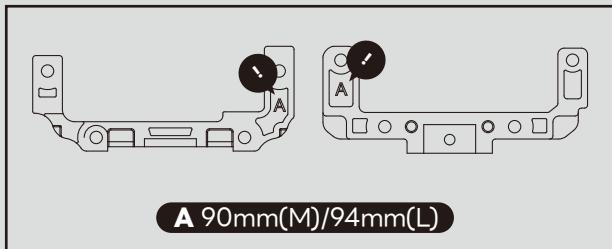
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



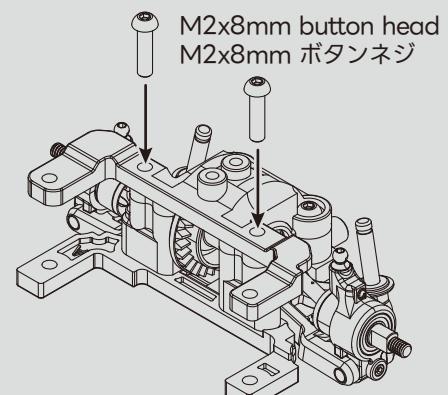
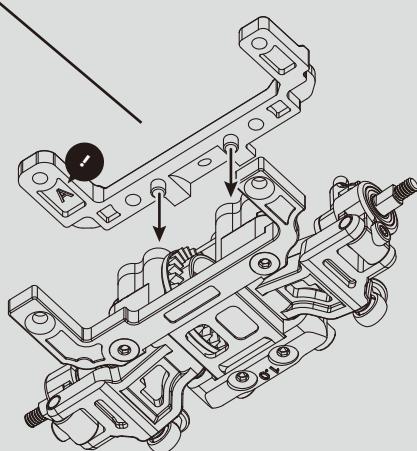
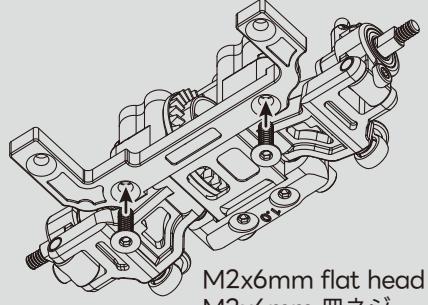
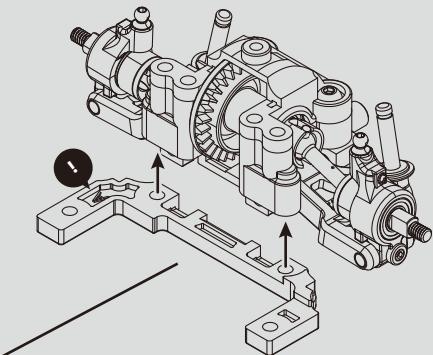
**DC Narrow**  
**Differential gear Centered Narrow**

### BAG 4

Select Wheelbase plate  
ホイールベースプレート選択



MRD-018



NO.1003

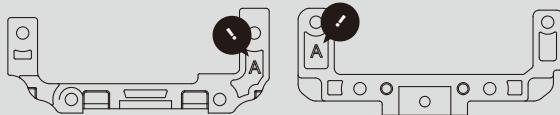
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



DC Narrow  
Differential gear Centered Narrow

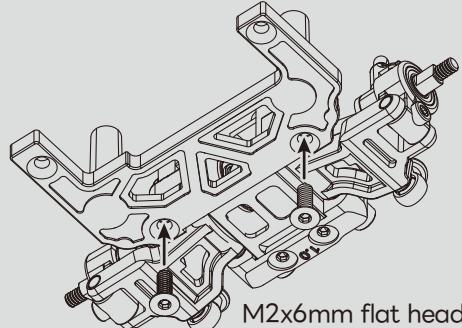
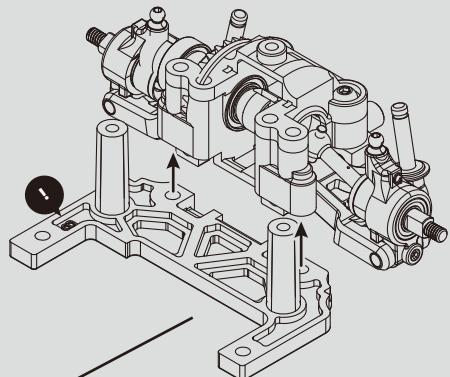
### BAG 4

Select Wheelbase plate  
ホイールベースプレート選択



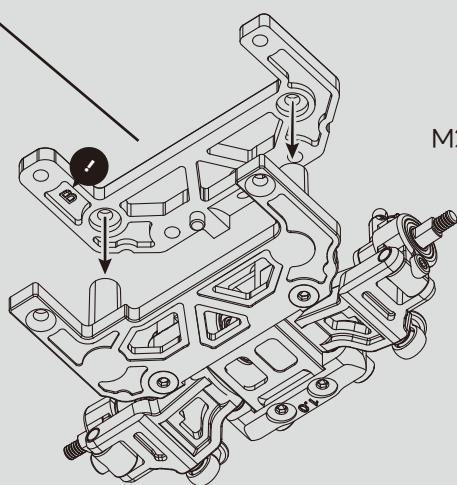
A 90mm(M)/94mm(L)

B 98mm(2L)/102mm(3L)

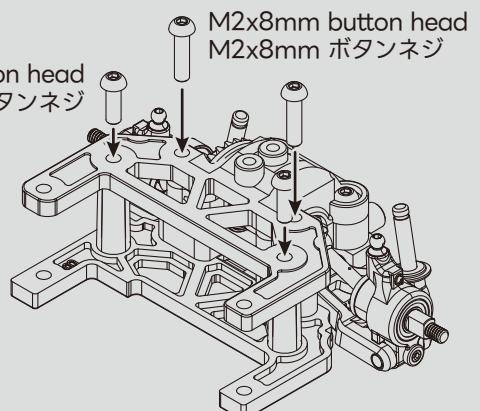


M2x6mm flat head  
M2x6mm 皿ネジ

MRD-018



M2x6mm button head  
M2x6mmボタンネジ



M2x8mm button head  
M2x8mm ボタンネジ

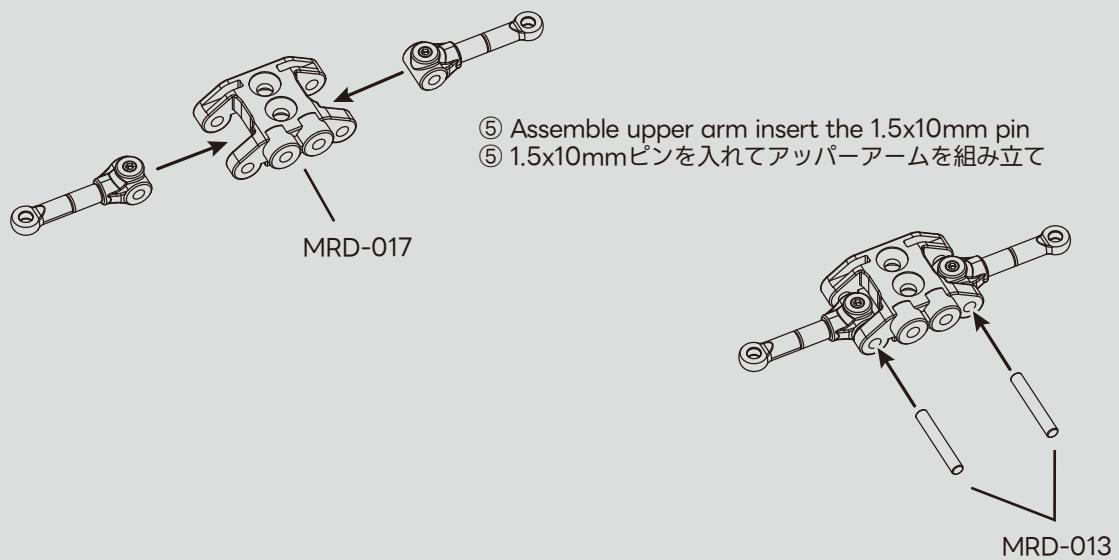
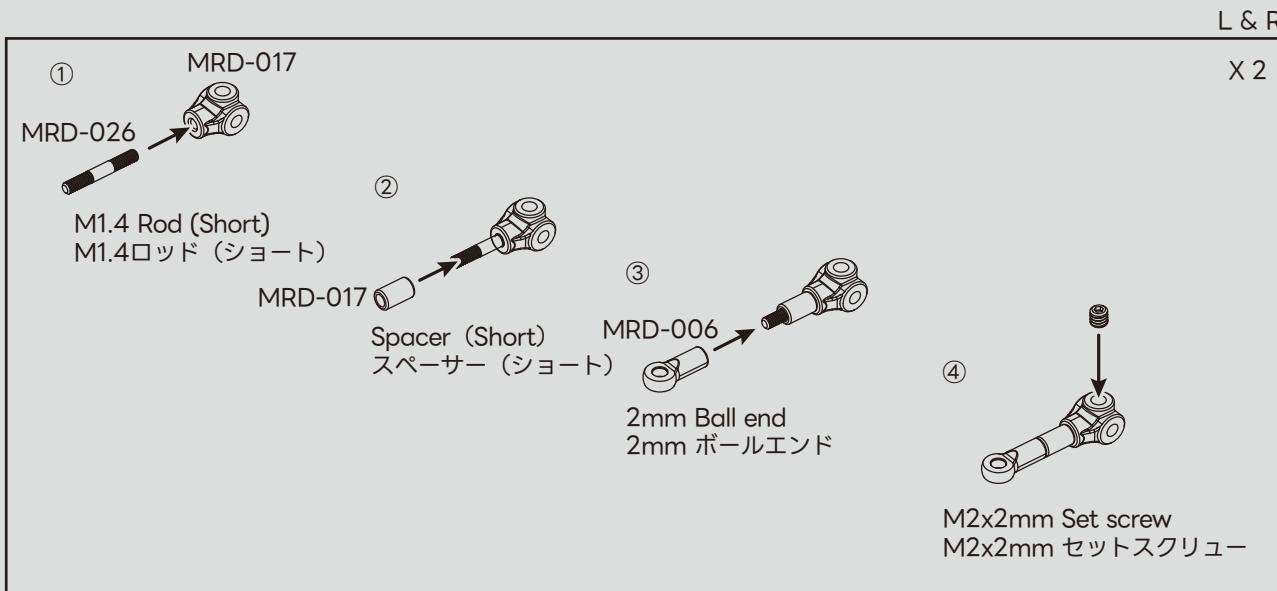
NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



DC Narrow  
Differential gear Centered Narrow

### BAG 5



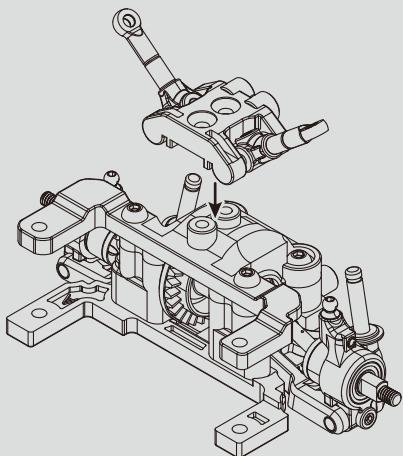
NO.1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット

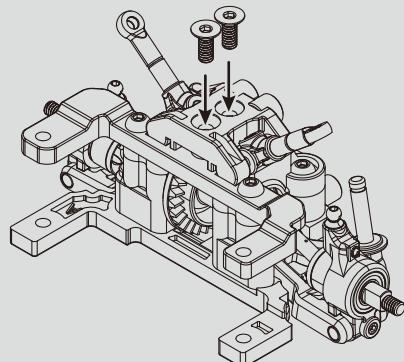


DC Narrow  
Differential gear Centered Narrow

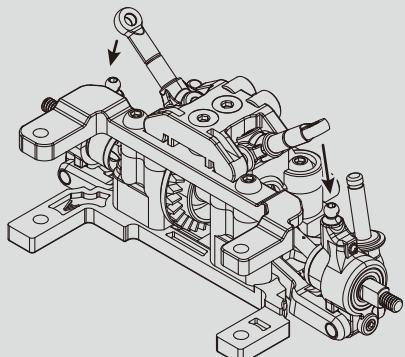
### BAG 5



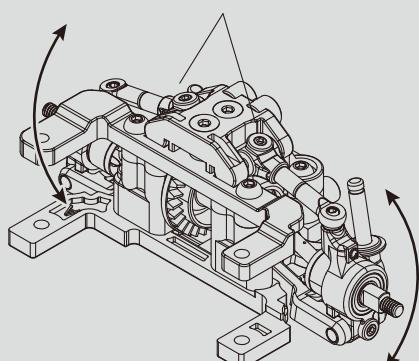
- ⑥ Assemble upper arm holder with M2x5mm flat head  
⑥ M2x5mm 皿ネジでアッパーアームホルダーを組み立て



- ⑦ Assemble 2mm pillow ball with ball ends  
⑦ 2mmピローボールとボールエンドを組み立て



- ⑧ Hold tight upper arm with 2mm set screw to prevent slide away  
⑧ アッパーアームの位置をM2セットスクリューで固定



\*Check it moves smoothly  
\*スムーズに動くのか確認しましょう

NO. 1003

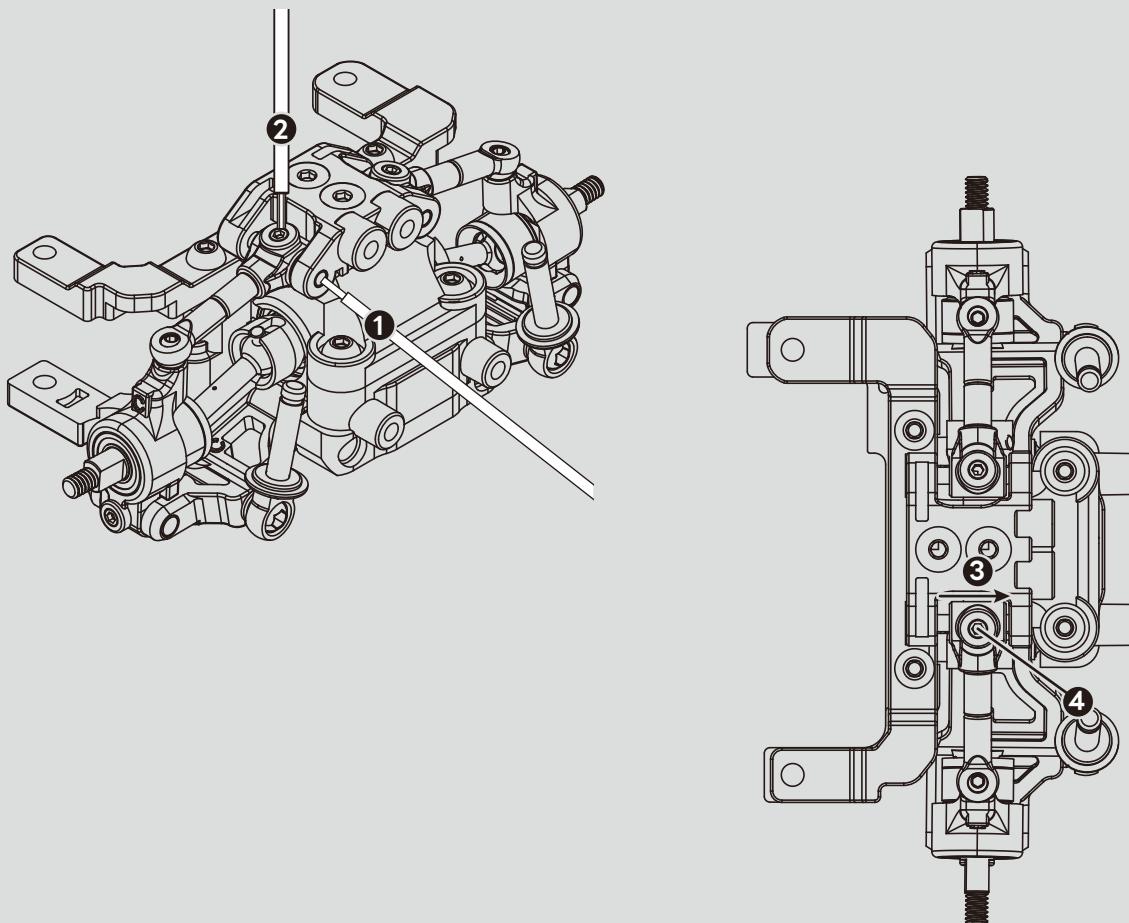
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



**DC Narrow**  
**Differential gear Centered Narrow**

### BAG 5

#### Cautions When Tightening the Set Screw for the Upper Arm



- ① Push the pin forward
- ② Loosen the temporary set screw
- ③ Move the upper suspension arm back
- ④ Secure the set screw

※If the upper suspension arm is not moving properly, move it forward slightly (about 0.1 mm) and secure it in place.

- ①ピンを前におして
- ②仮止めのセットスクリューを緩める
- ③アッパーサスアームを後ろに寄せる
- ④セットスクリューを固定

※アッパーサスアームの動きが悪い場合には、サスアームの位置を少し（0.1mm程度）前に移動させて固定する

NO. 1003

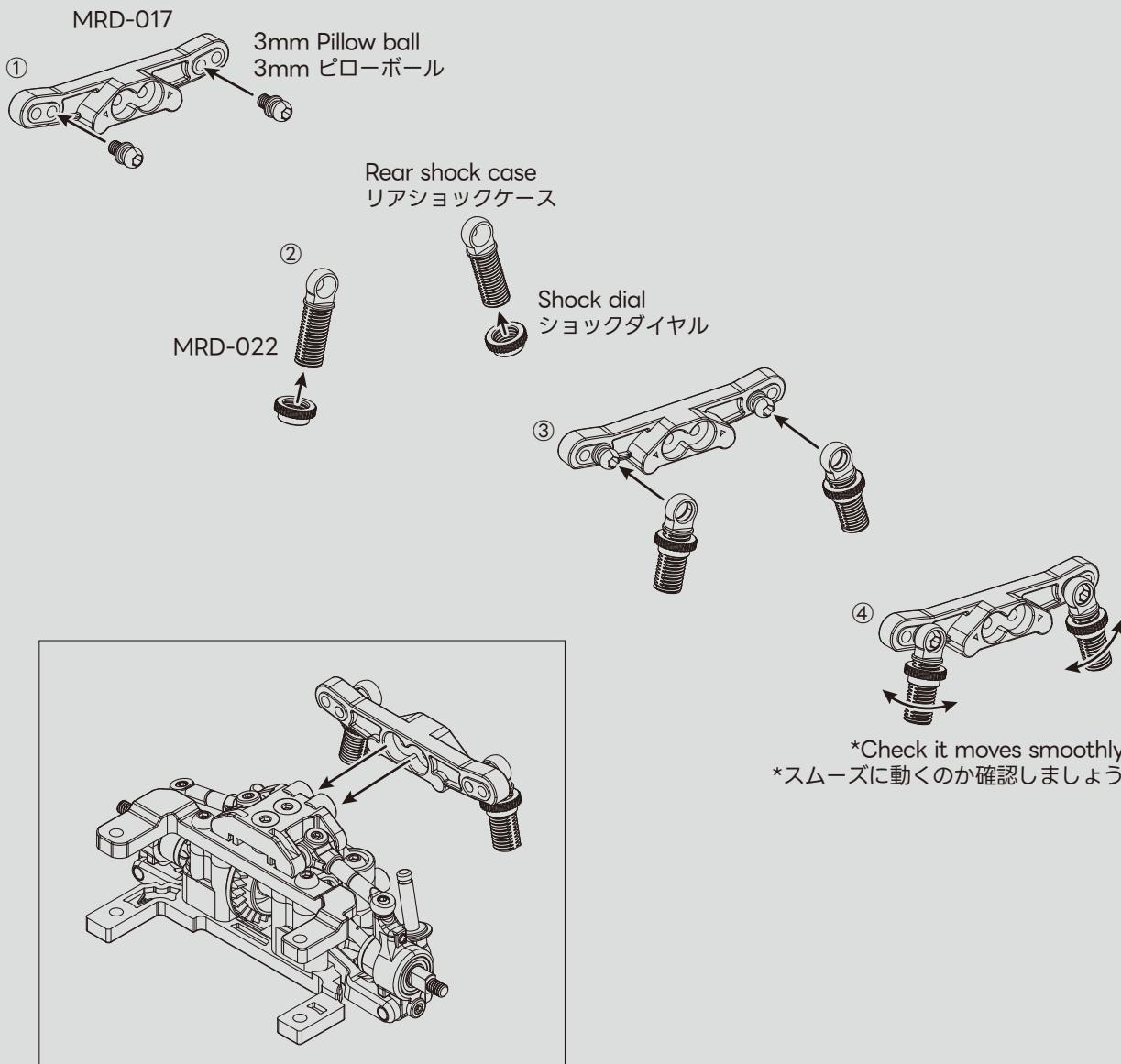
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



**DC Narrow**  
**Differential gear Centered Narrow**

### BAG 6

Shock tower  
ショックタワー



NO. 1003

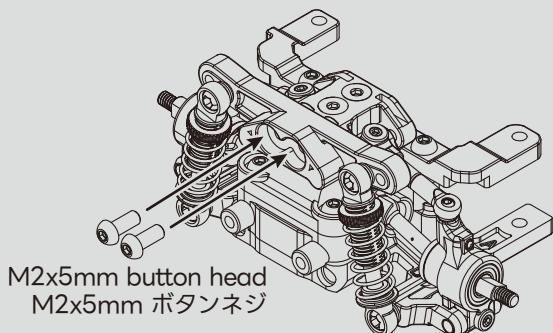
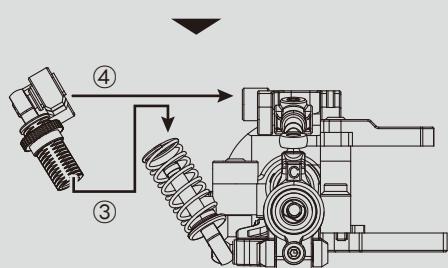
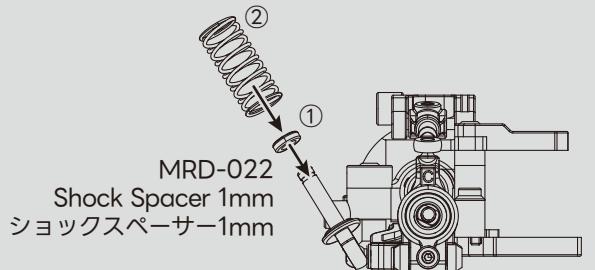
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



DC Narrow  
Differential gear Centered Narrow

### BAG 6

Select and install the springs and assemble the shock towers to the rear unit.  
スプリングを選んで装着して、ショックタワーをリアユニットに組み立て



MRD-027

Hard ハード →Compatible with heavy body shell  
→重いボディに適合



Medium ミディアム →Standard Setup  
→標準仕様



Soft ソフト →Compatible with extreme roll setup  
→鬼ロール仕様に適合



NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DC Narrow Differential gear Centered Narrow

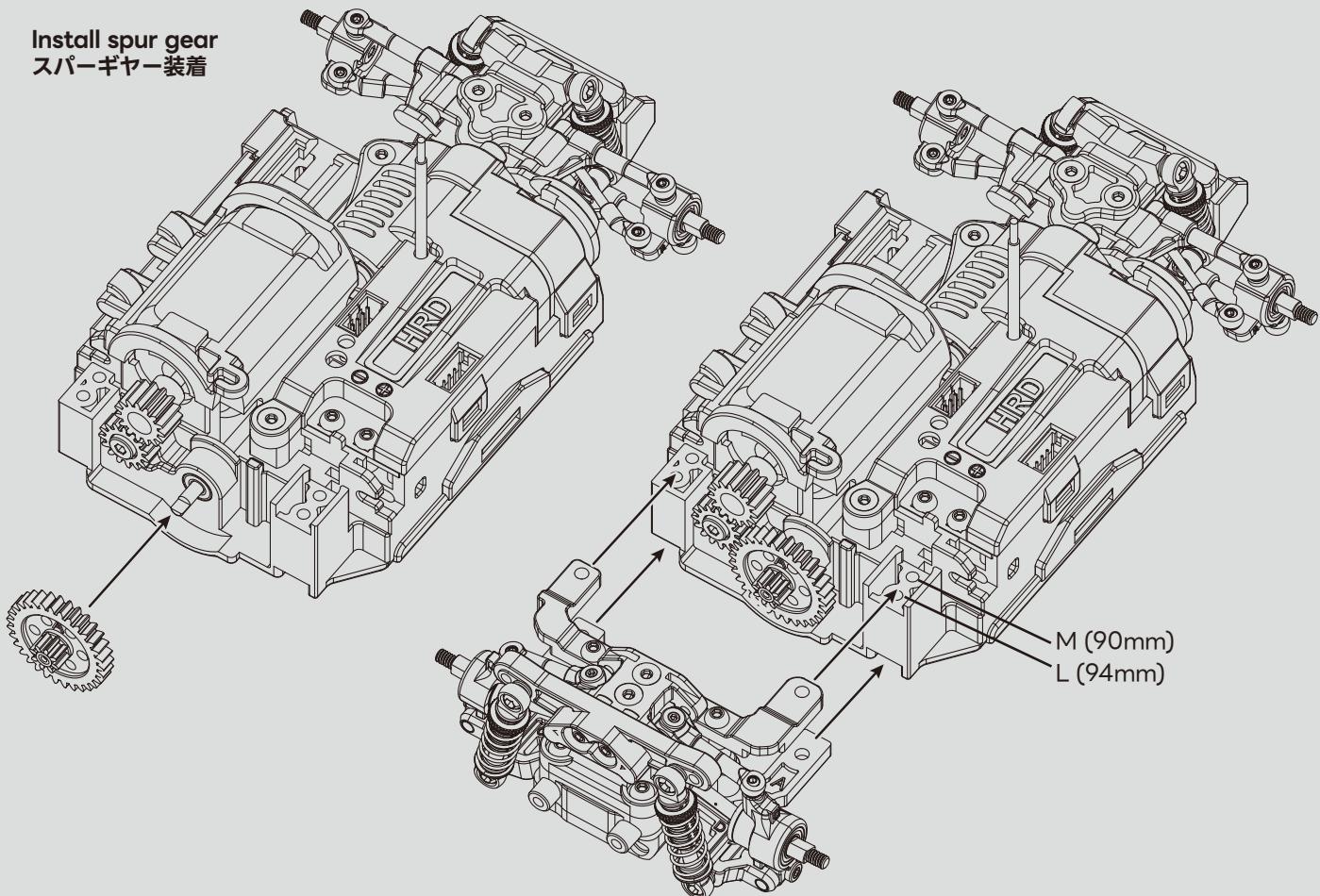
#### BAG 7

Select the spur gear that matches wheelbase.  
ホイールベースに適合するスパーギヤーを選択

MRD-021

Wheelbase ホイールベース				
	M (90mm)	L (94mm)	2L (98mm)	3L (102mm)

Install spur gear  
スパーギヤー装着



NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



DC Narrow  
Differential gear Centered Narrow

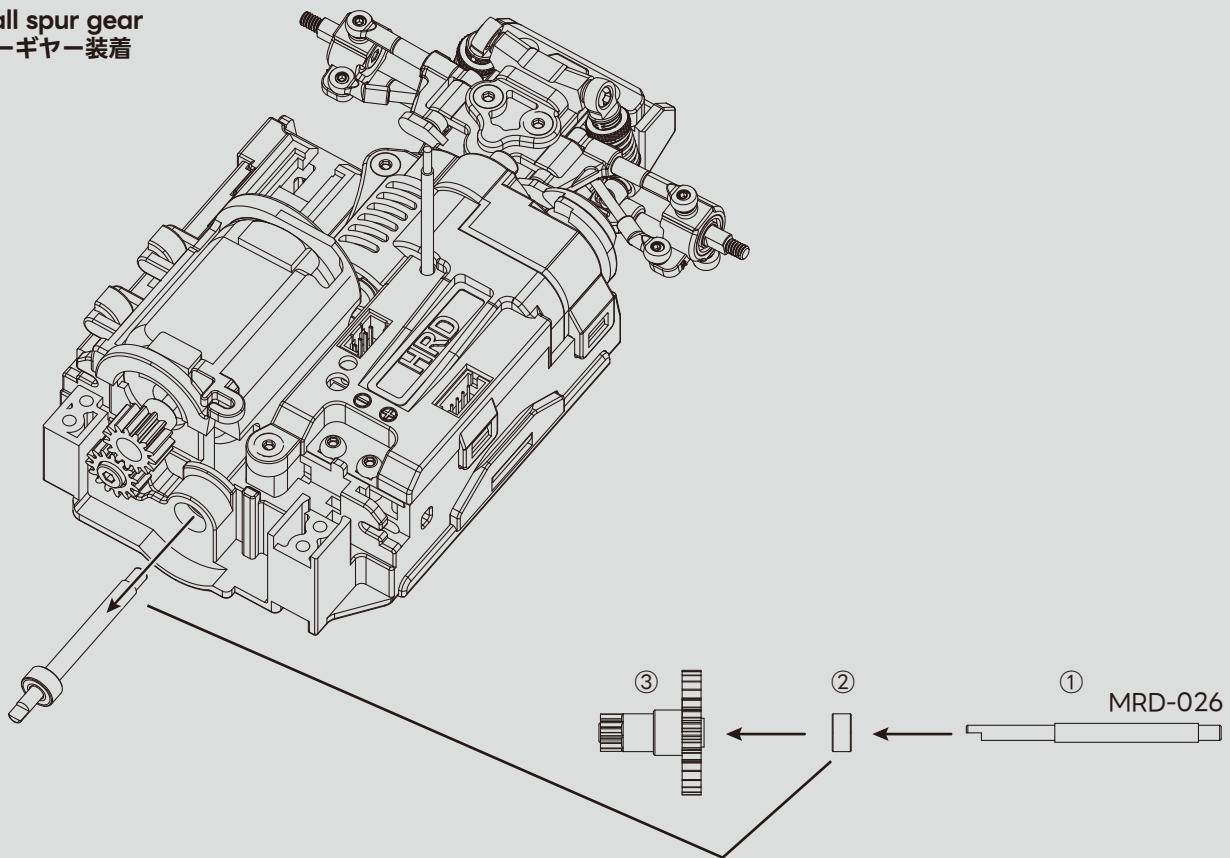
### BAG 7

Select the spur gear that matches wheelbase.  
ホイールベースに適合するスパーギヤーを選択

MRD-021

Wheelbase ホイールベース				
	M (90mm)	L (94mm)	2L (98mm)	3L (102mm)

Install spur gear  
スパーギヤー装着



Not included in MRD Rear Unit Assembly kit  
MRD リヤユニット組み立てキットには付属されていません

NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



**DC Narrow**  
**Differential gear Centered Narrow**

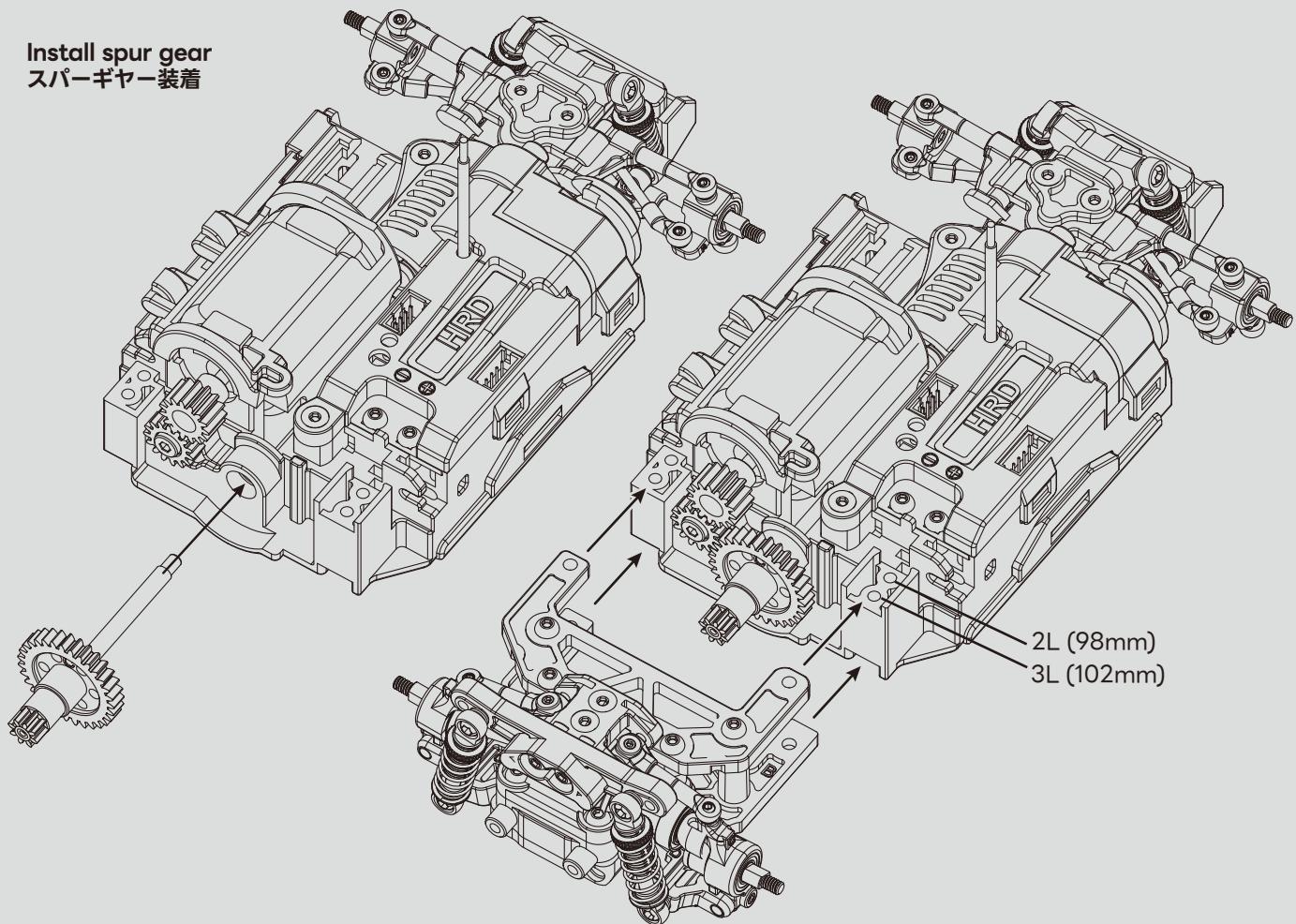
### BAG 7

Select the spur gear that matches wheelbase.  
ホイールベースに適合するスパーギヤーを選択

MRD-021

Wheelbase ホイールベース				
	M (90mm)	L (94mm)	2L (98mm)	3L (102mm)

Install spur gear  
スパーギヤー装着



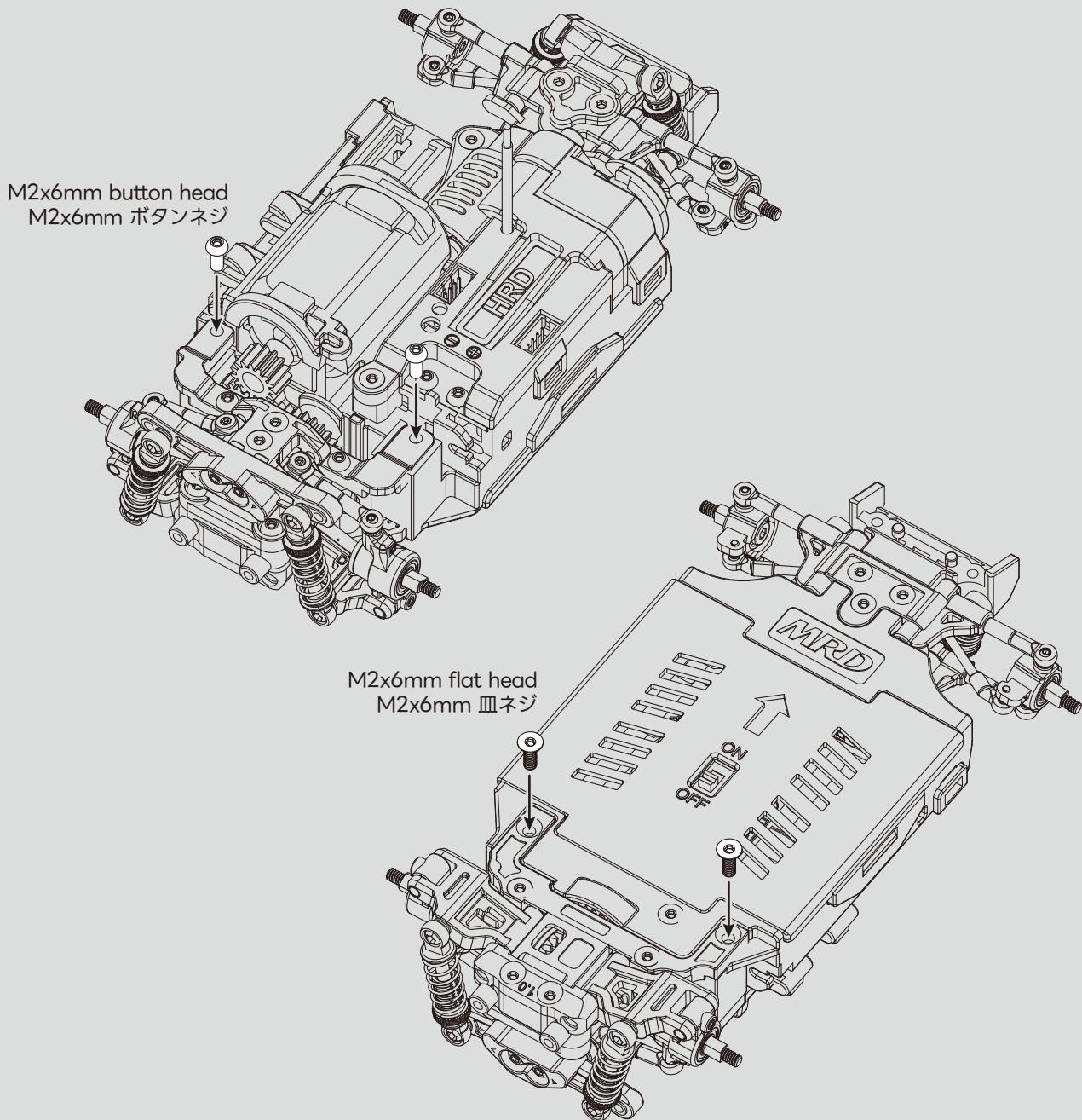
NO.1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



DC Narrow  
Differential gear Centered Narrow

### BAG 7



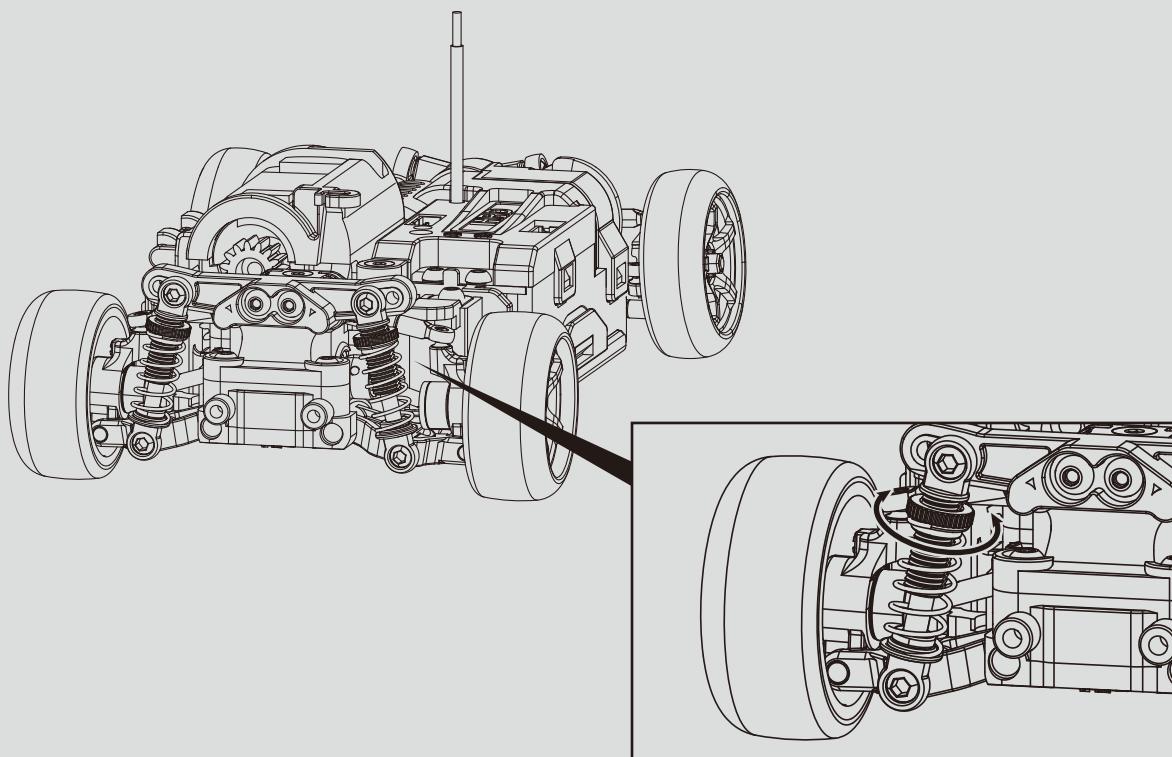
NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DC Narrow Differential gear Centered Narrow

Completion, Final Adjustment  
完成、最終調整



Last step, Adjust the ride height with adjuster.  
最後にアジャスターでリヤ車高を調整しましょう。



Turning clockwise raises the ride height.  
時計回りに回すと車高が上がります。



Turning counterclockwise lowers the ride height.  
反時計回りに回すと車高が下がります。

**DC Wide**  
**Differential gear Centered Wide**

NO. 1003

**MRD Rear Unit Assembly Kit**  
**MRD リヤユニット組立キット**

NO. 1003

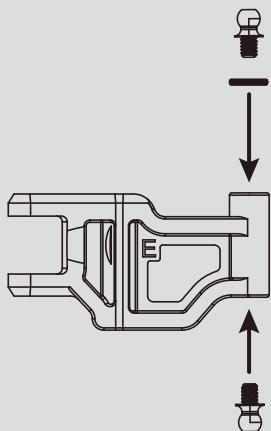
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



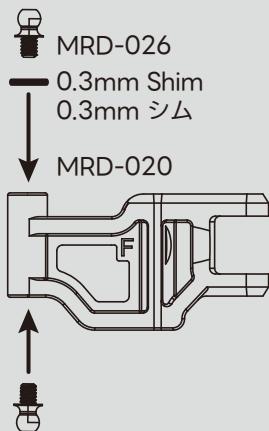
### DC Wide Differential gear Centered Wide

#### BAG 2

- ① Lower arm  
① ロアアーム



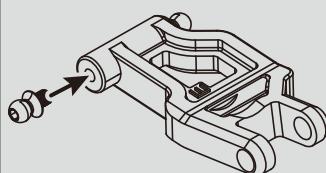
2mm Pillow ball  
2mm ピローボール



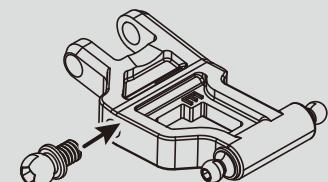
2mm Pillow ball  
2mm ピローボール  
MRD-008

#### CAUTION!

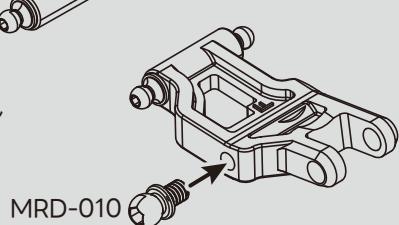
\*Assemble Vertically  
\*垂直に組み立て



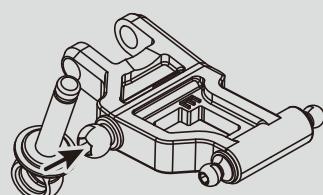
- ② Lower arm 3mm balls  
② ロアアーム 3mm ボール



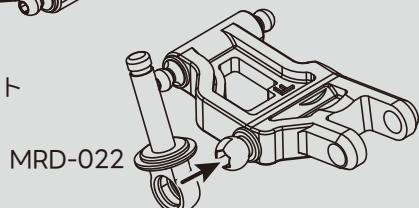
3mm Pillow ball  
3mm ピローボール



MRD-010



Rear shock post  
リアショックポスト



MRD-022

NO.1003

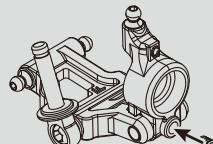
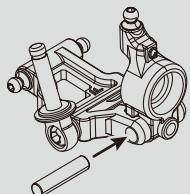
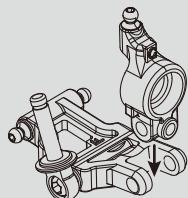
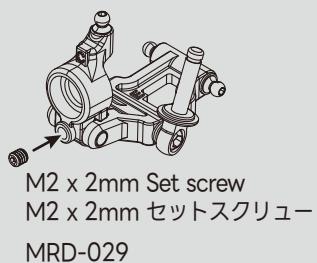
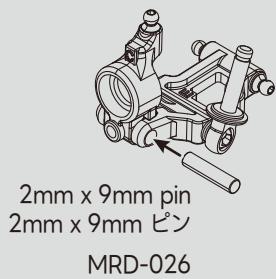
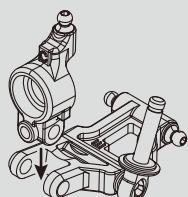
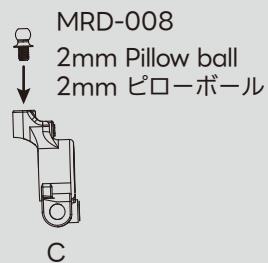
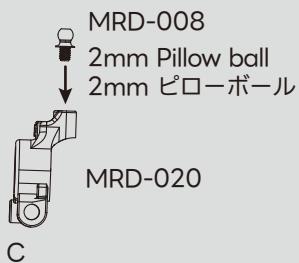
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DC Wide Differential gear Centered Wide

#### BAG 2

- ③ Rear Hub carrier  
③ リアハブキャリア



2mm x 9mm pin  
2mm x 9mm ピン

M2 x 2mm Set screw  
M2 x 2mm セットスクリュー

NO. 1003

# MRD Rear Unit Assembly Kit

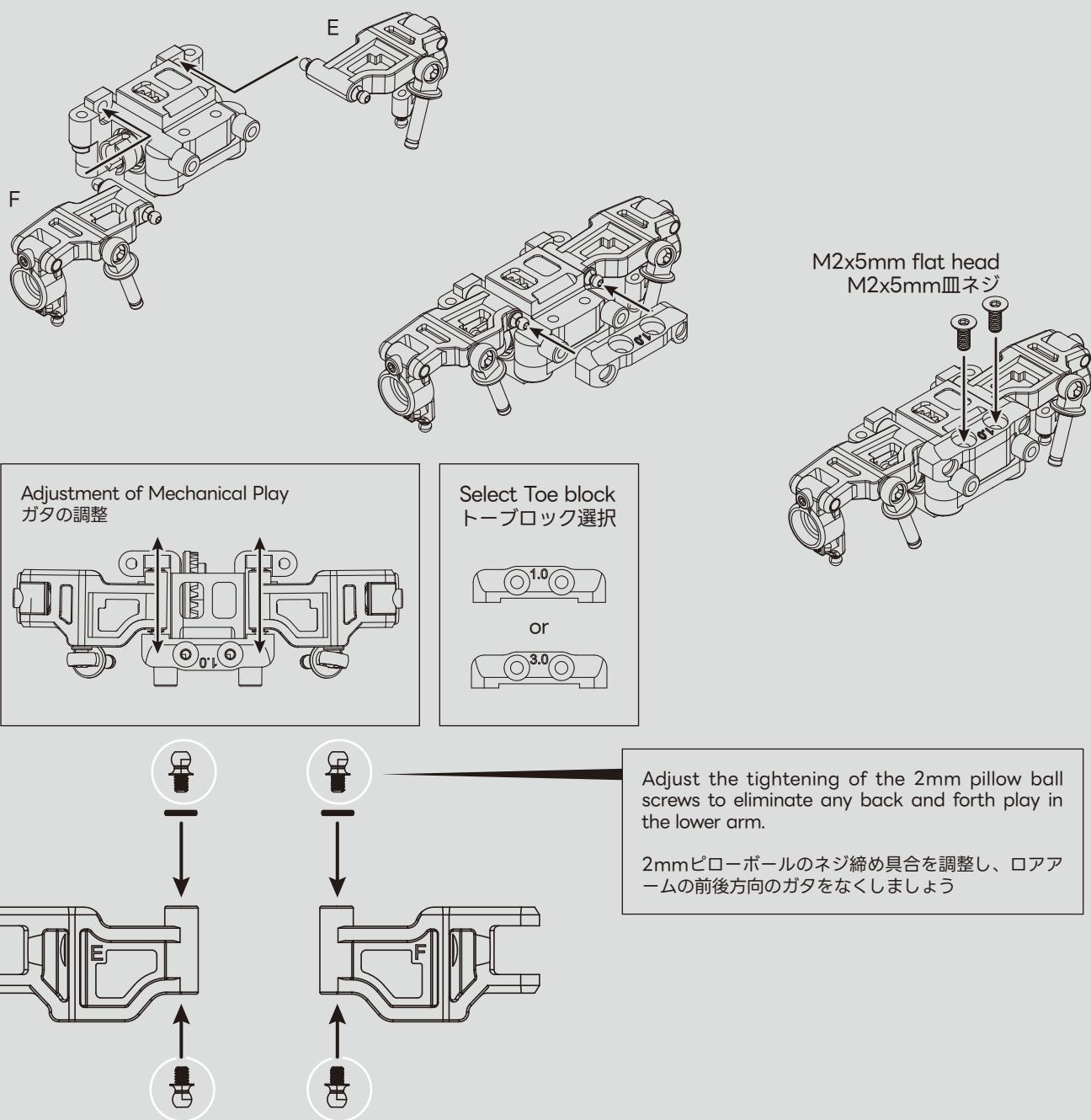
## MRD リヤユニット組立キット



**DC Wide**  
**Differential gear Centered Wide**

### BAG 2

④



NO.1003

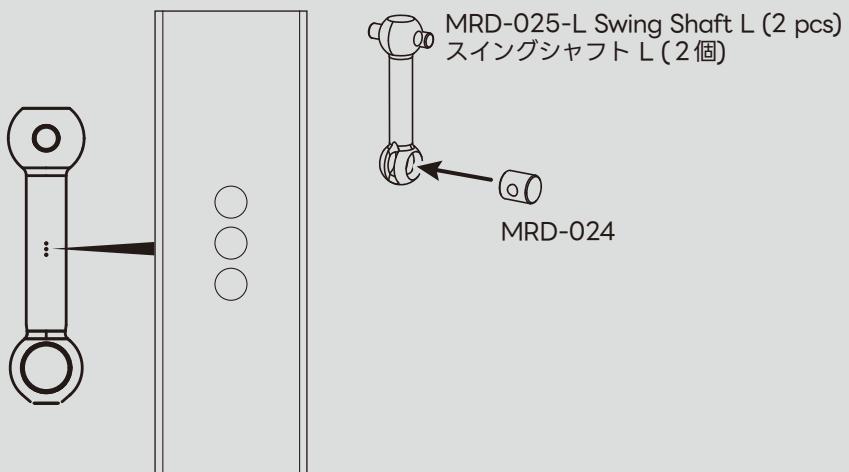
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



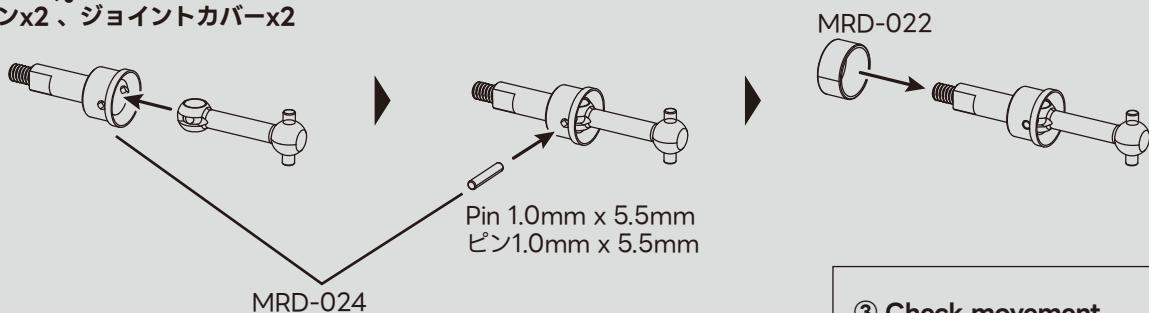
### DC Wide Differential gear Centered Wide

#### BAG 3

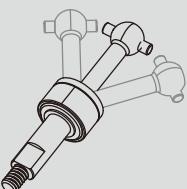
- ① Swing Shaft x2  
① スイングシャフト x2



- ② pin x2 , joint cover x2  
② ピンx2、ジョイントカバーx2



- ③ Check movement  
③ 動きをチェック、



\*Check it moves smoothly  
\*スムーズに動くのか確認しましょう

NO.1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット

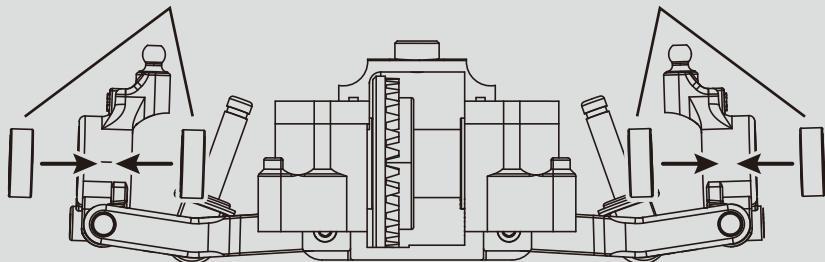


**DC Wide**  
**Differential gear Centered Wide**

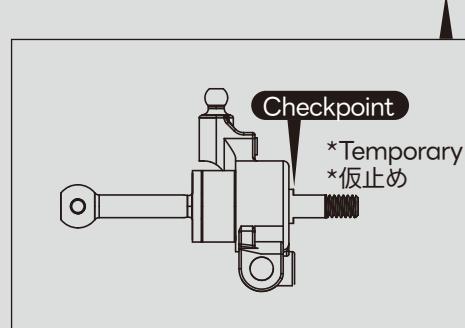
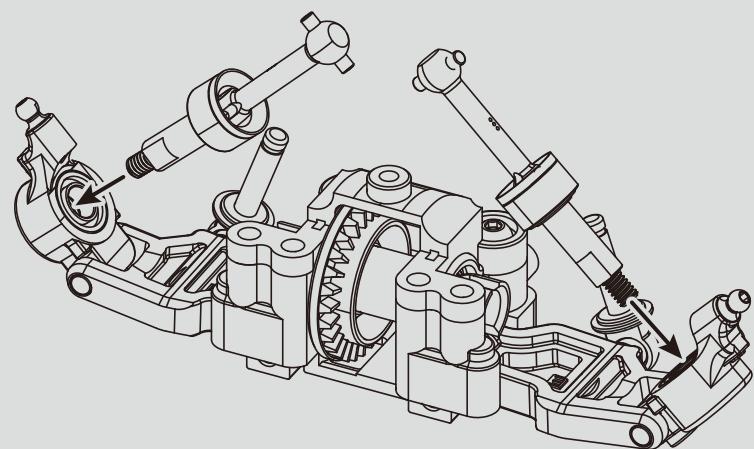
### BAG 3

- ④ Rear Hub carrier  
④ リアハブキャリア

MRD-028  
630 Bearing Width 2mm  
630 ベアリング 2mm幅



MRD-028  
630 Bearing Width 2mm  
630 ベアリング 2mm幅



NO.1003

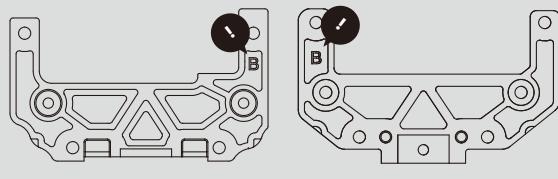
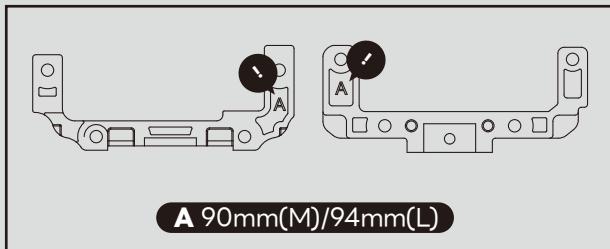
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



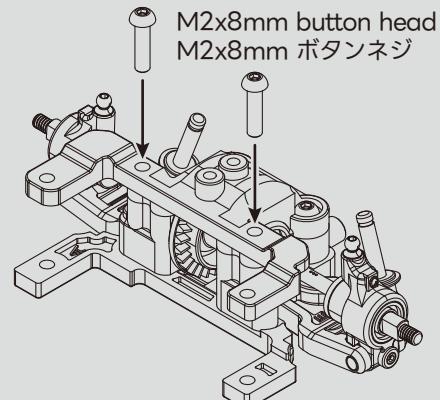
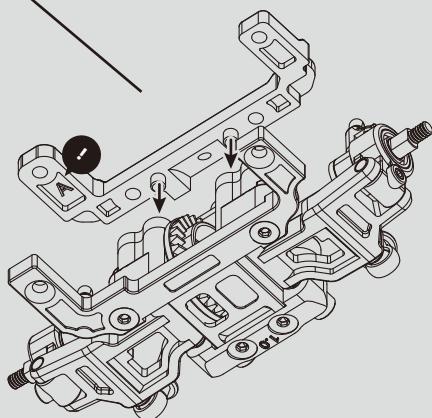
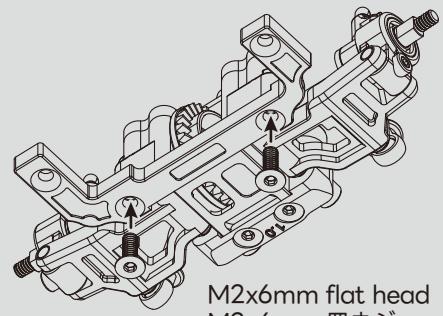
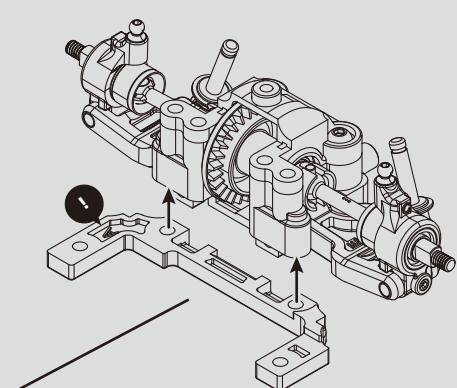
### DC Wide Differential gear Centered Wide

#### BAG 4

Select Wheelbase plate  
ホイールベースプレート選択



MRD-018



NO.1003

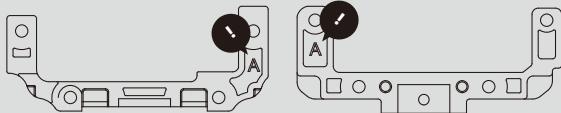
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



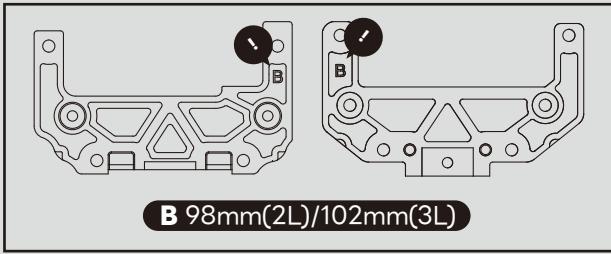
**DC Wide**  
**Differential gear Centered Wide**

### BAG 4

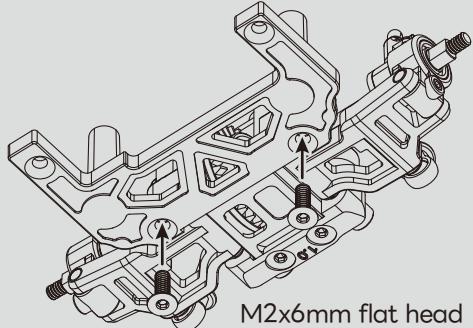
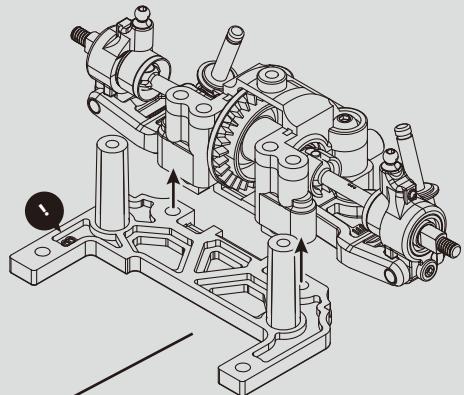
Select Wheelbase plate  
ホイールベースプレート選択



A 90mm(M)/94mm(L)

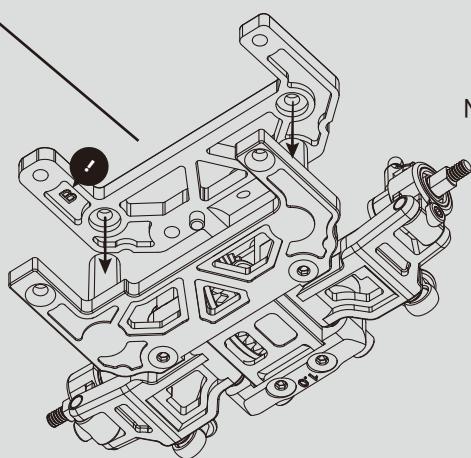


B 98mm(2L)/102mm(3L)

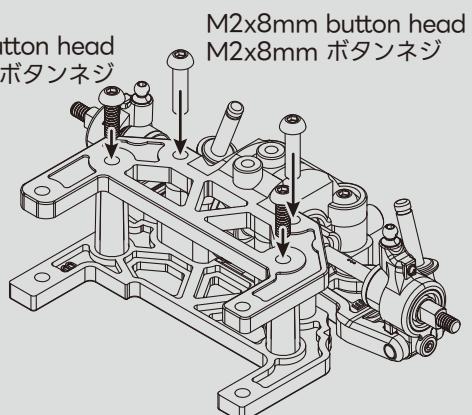


M2x6mm flat head  
M2x6mm 皿ネジ

MRD-018



M2x6mm button head  
M2x6mmボタンネジ



M2x8mm button head  
M2x8mm ボタンネジ

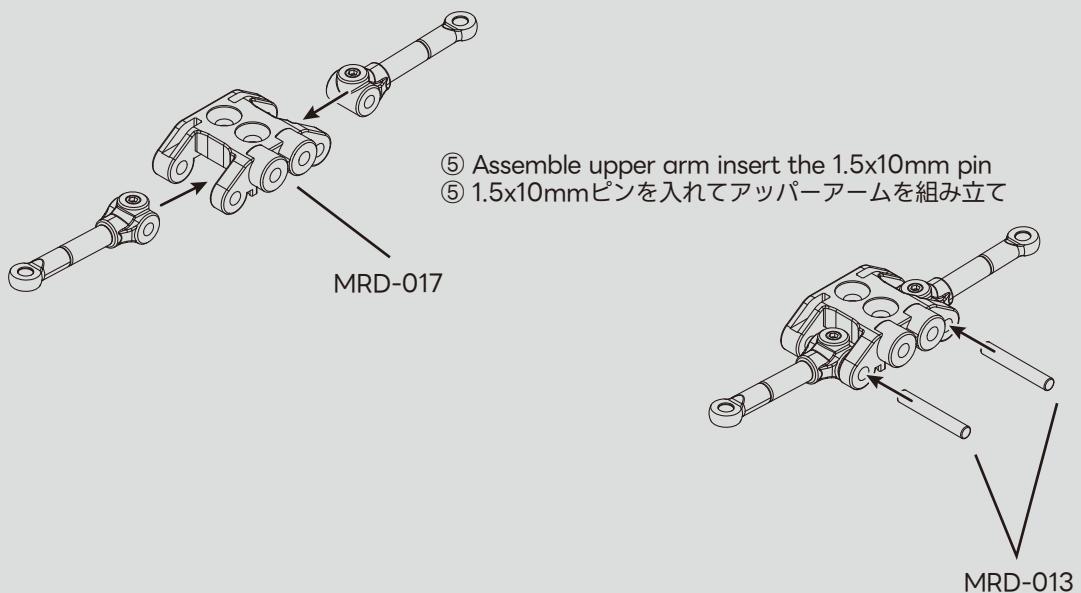
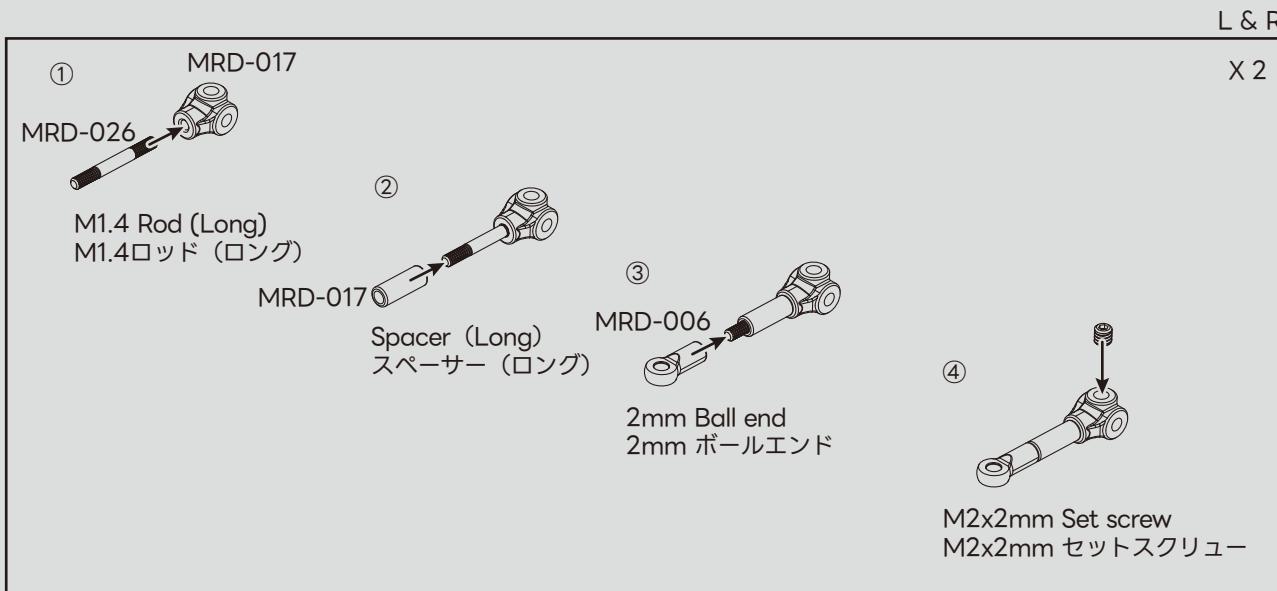
NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



**DC Wide**  
**Differential gear Centered Wide**

### BAG 5



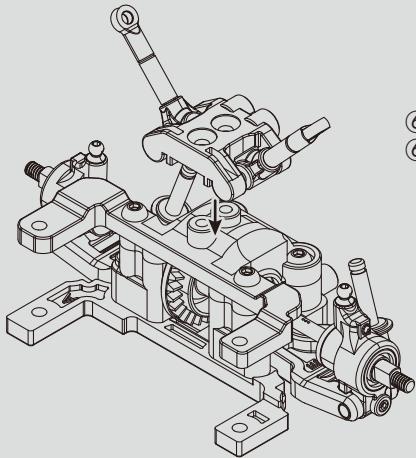
NO.1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット

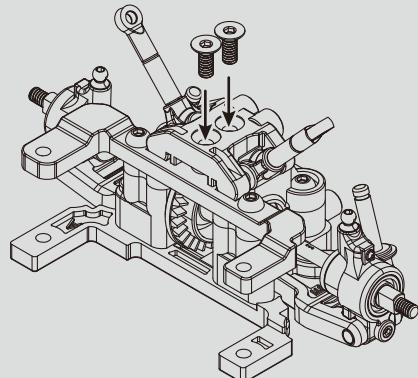


**DC Wide**  
**Differential gear Centered Wide**

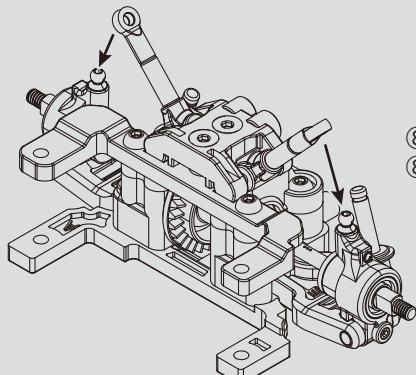
### BAG 5



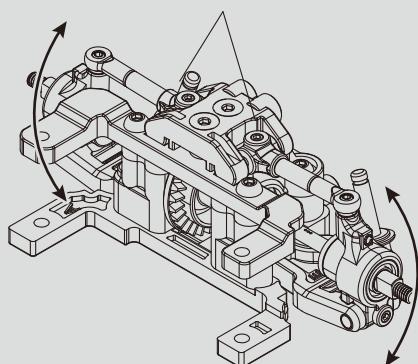
- ⑥ Assemble upper arm holder with M2x5mm flat head  
⑥ M2x5mm 皿ネジでアッパーアームホルダーを組み立て



- ⑦ Assemble 2mm pillow ball with ball ends  
⑦ 2mmピローボールとボールエンドを組み立て



- ⑧ Hold tight upper arm with 2mm set screw to prevent slide away  
⑧ アッパーアームの位置をM2セットスクリューで固定



\*Check it moves smoothly  
\*スムーズに動くのか確認しましょう

NO. 1003

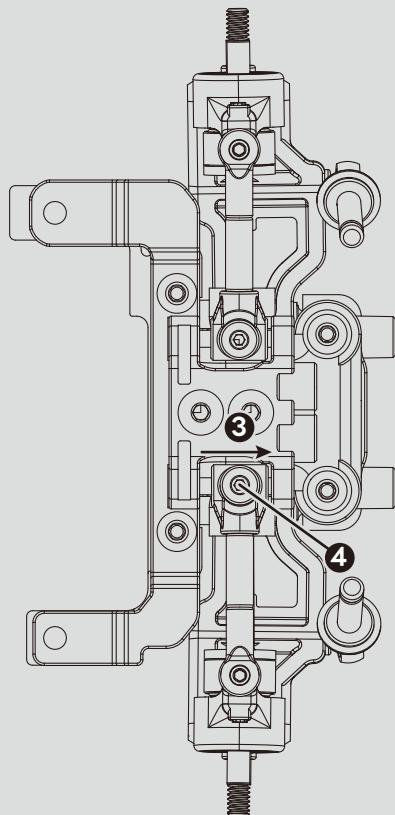
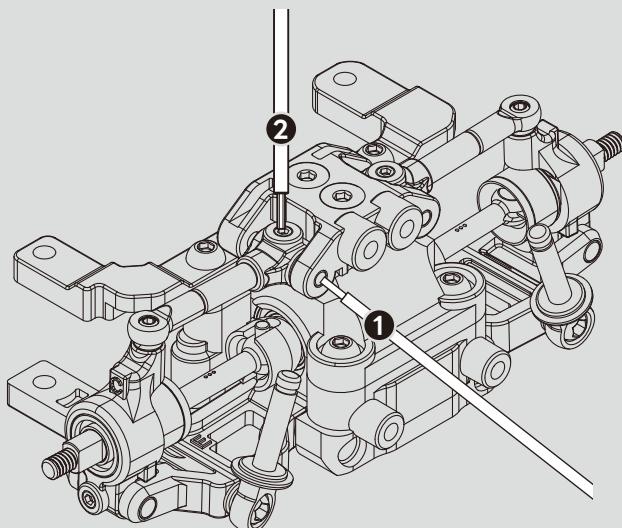
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



**DC Wide**  
**Differential gear Centered Wide**

### BAG 5

#### Cautions When Tightening the Set Screw for the Upper Arm



- ① Push the pin forward
- ② Loosen the temporary set screw
- ③ Move the upper suspension arm back
- ④ Secure the set screw

※If the upper suspension arm is not moving properly, move it forward slightly (about 0.1 mm) and secure it in place.

- ①ピンを前におして
- ②仮止めのセットスクリューを緩める
- ③アッパーサスアームを後ろに寄せる
- ④セットスクリューを固定

※アッパーサスアームの動きが悪い場合には、サスアームの位置を少し（0.1mm程度）前に移動させて固定する

NO.1003

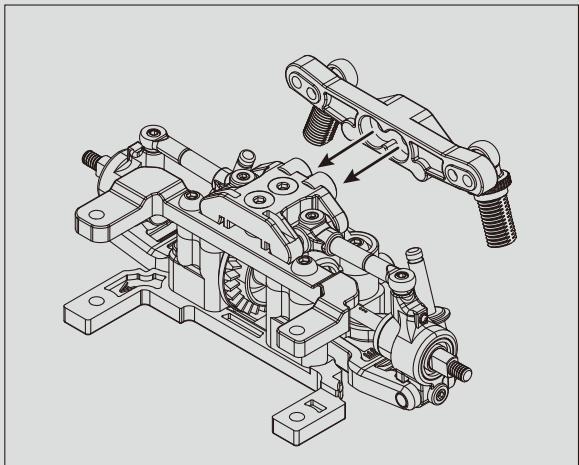
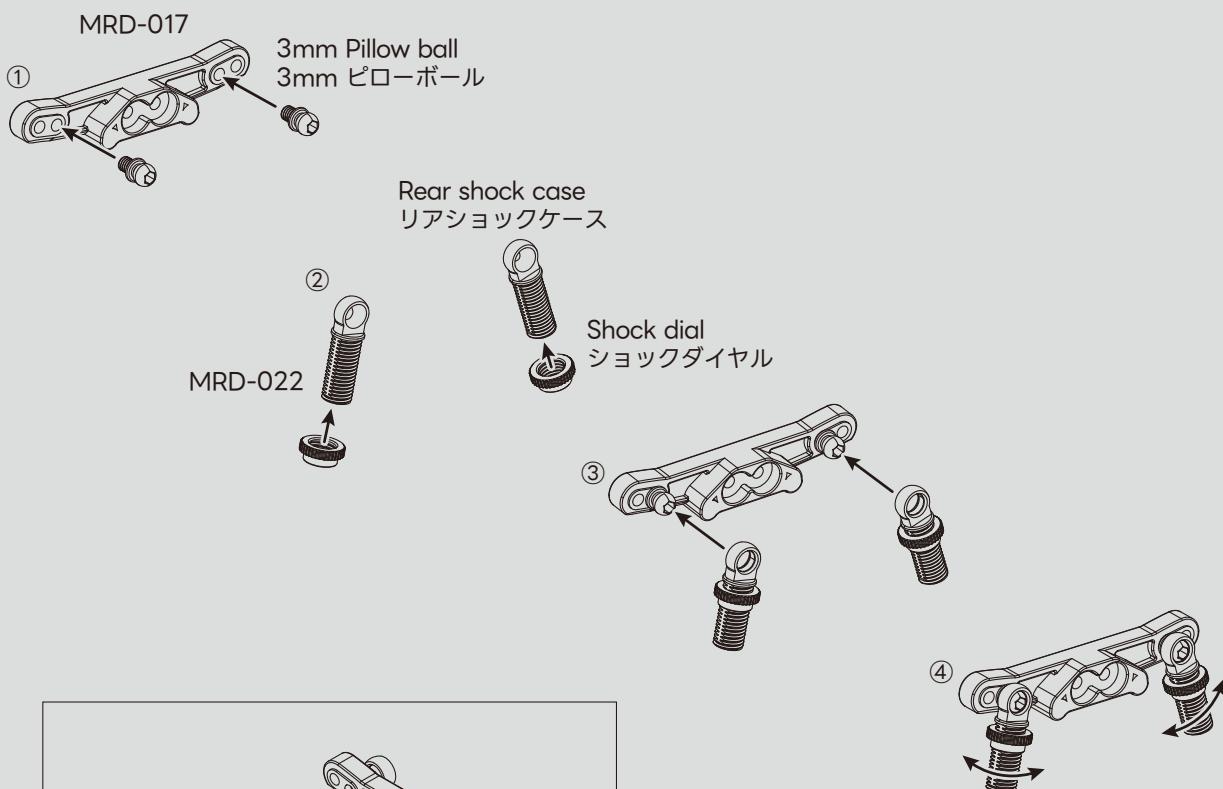
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DC Wide Differential gear Centered Wide

#### BAG 6

Shock tower  
ショックタワー



NO. 1003

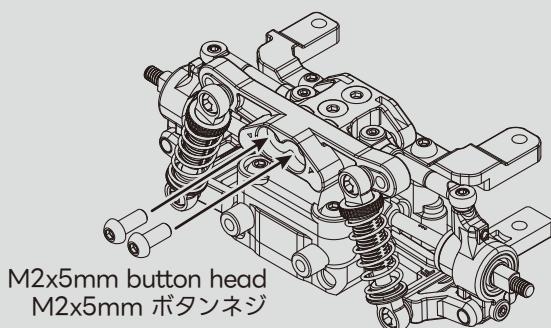
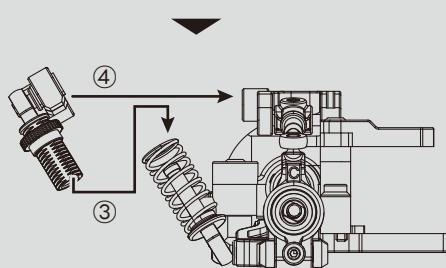
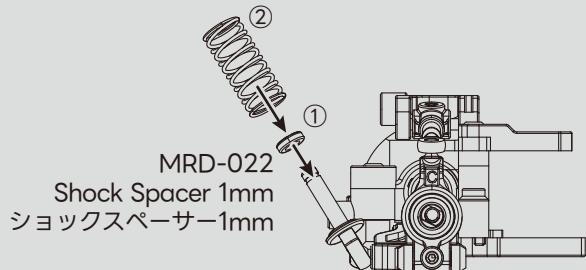
## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DC Wide Differential gear Centered Wide

#### BAG 6

Select and install the springs and assemble the shock towers to the rear unit.  
スプリングを選んで装着して、ショックタワーをリアユニットに組み立て



MRD-027

Hard →Compatible with heavy body shell  
ハード →重いボディに適合



Medium →Standard Setup  
ミディアム →標準仕様



Soft →Compatible with extreme roll setup  
ソフト →鬼ロール仕様に適合



NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DC Wide Differential gear Centered Wide

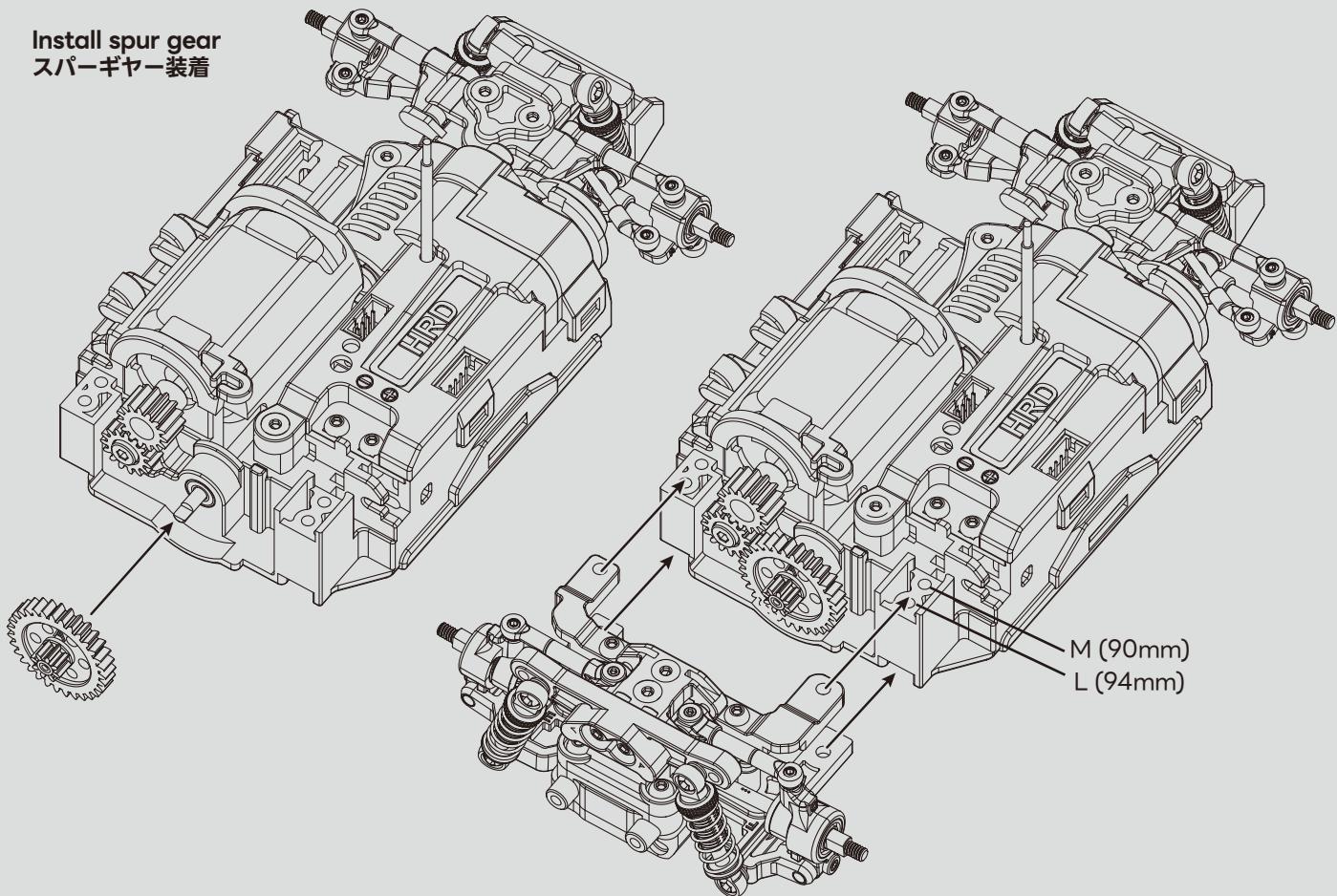
#### BAG 7

Select the spur gear that matches wheelbase.  
ホイールベースに適合するスパーギヤーを選択

MRD-021

Wheelbase ホイールベース				
	M (90mm)	L (94mm)	2L (98mm)	3L (102mm)

Install spur gear  
スパーギヤー装着



NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



**DC Wide**  
**Differential gear Centered Wide**

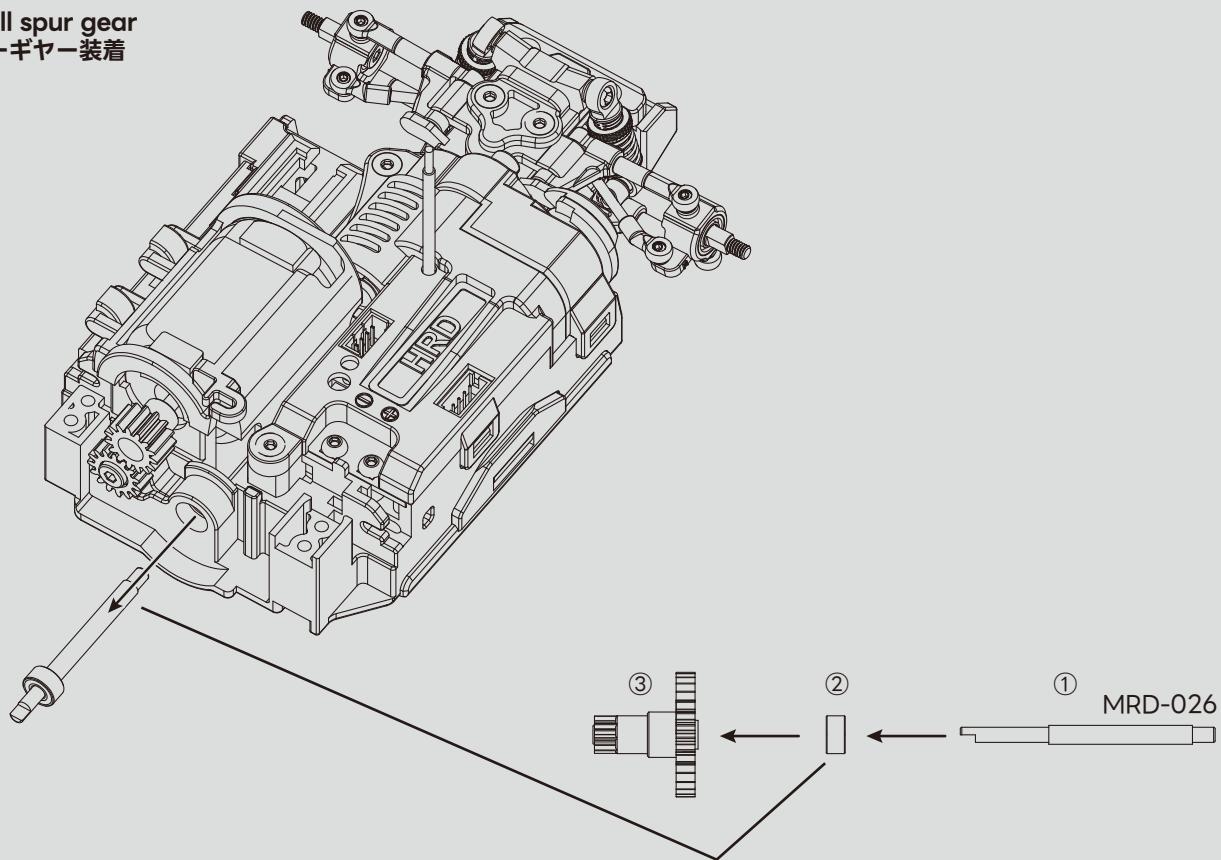
### BAG 7

Select the spur gear that matches wheelbase.  
ホイールベースに適合するスパーギヤーを選択

MRD-021

Wheelbase ホイールベース				
	M (90mm)	L (94mm)	2L (98mm)	3L (102mm)

Install spur gear  
スパーギヤー装着



NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



**DC Wide**  
**Differential gear Centered Wide**

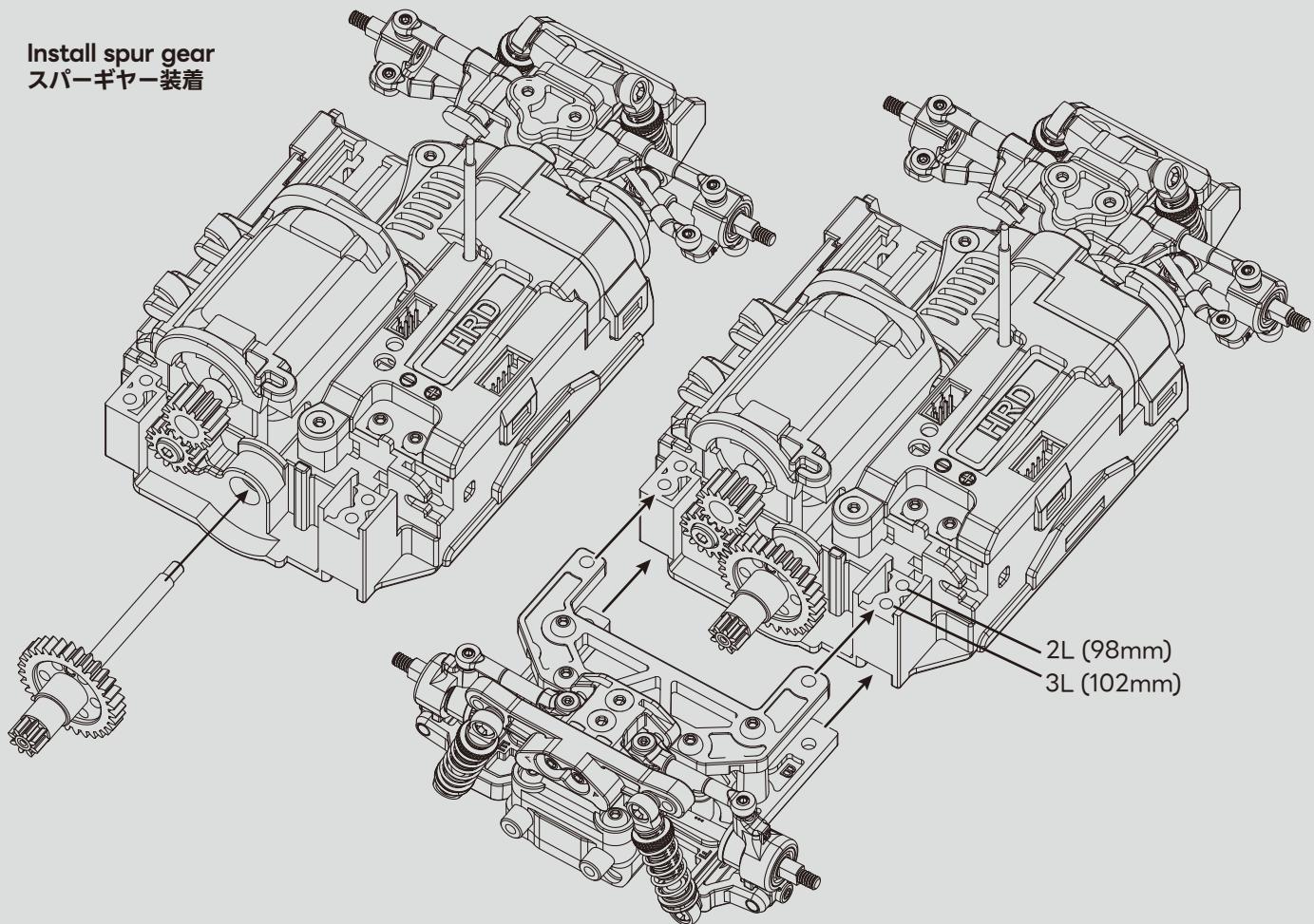
### BAG 7

Select the spur gear that matches wheelbase.  
ホイールベースに適合するスパーギヤーを選択

MRD-021

Wheelbase ホイールベース				
	M (90mm)	L (94mm)	2L (98mm)	3L (102mm)

Install spur gear  
スパーギヤー装着



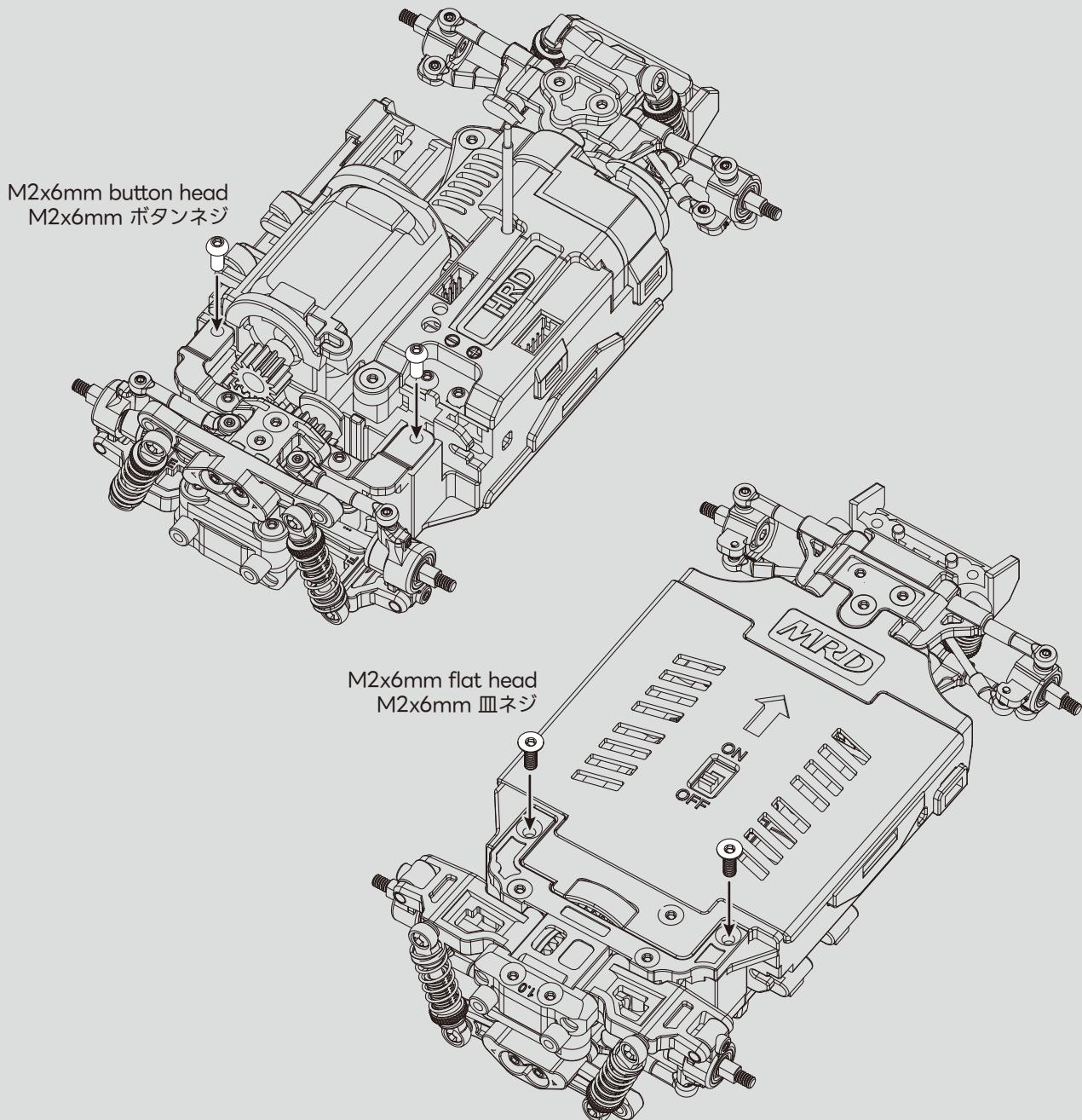
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## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



DC Wide  
Differential gear Centered Wide

### BAG 7



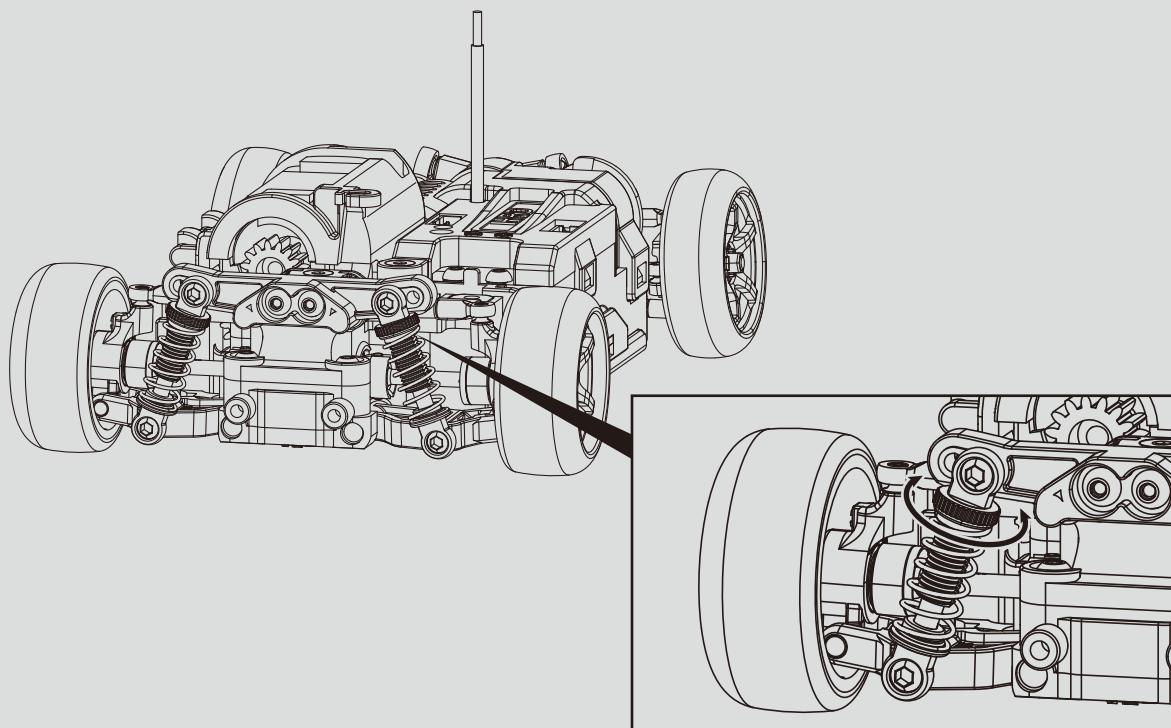
NO. 1003

## MRD Rear Unit Assembly Kit MRD リヤユニット組立キット



### DC Wide Differential gear Centered Wide

Completion, Final Adjustment  
完成、最終調整



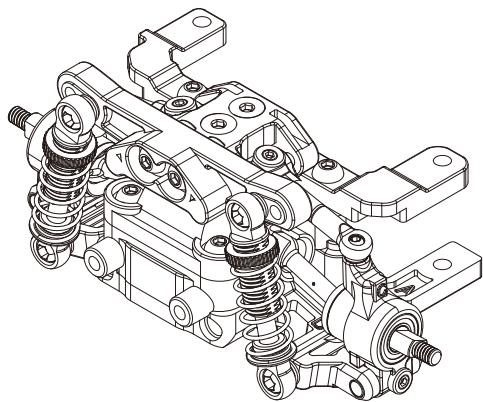
Last step, Adjust the ride height with adjuster.  
最後にアジャスターでリヤ車高を調整しましょう。



Turning clockwise raises the ride height.  
時計回りに回すと車高が上がります。



Turning counterclockwise lowers the ride height.  
反時計回りに回すと車高が下がります。



NO. 1003

**MRD Rear Unit Assembly Kit**  
**MRD リヤユニット組立キット**

## Spare Parts (Rear Unit Assembly Kit)



MRD-017 Rear Gear Box Set /  
リヤギヤボックスセット

¥770 Tax-free outside Japan / 税込 (日本  
国内)



MRD-018 Wheelbase Adjust  
Plate Set / ホイールベースアジ  
ヤストプレートセット

¥660 Tax-free outside Japan / 税込 (日本  
国内)



MRD-019 Rear Suspension  
Arm (A/B) Set / リヤサスペン  
ションアーム (A/B) セット

¥770 Tax-free outside Japan / 税込 (日本  
国内)



MRD-020 Rear Suspension  
Arm (C/D/E/F) Set / リヤサス  
ペンションアーム (C/D/E/F)  
セット

¥880 Tax-free outside Japan / 税込 (日本  
国内)



MRD-021 Gear Set(Rear Unit)  
/ ギヤセット (リヤユニット)

¥880 Tax-free outside Japan / 税込 (日本  
国内)



MRD-022 Rear Shock Set / リ  
ヤショックセット

¥880 Tax-free outside Japan / 税込 (日本  
国内)



MRD-023 3.0mm Long Pillow  
Ball / 3.0mmロングピローボール

¥660 Tax-free outside Japan / 税込 (日本  
国内)



MRD-024 Universal Wheel  
Shaft (2 sets) / ユニバーサルホ  
イールシャフト (2セット)

¥1,100 Tax-free outside Japan / 税込 (日  
本国内)



MRD-025-L Swing Shaft L (2  
pcs) / スイングシャフト L (2  
個)

¥1,100 Tax-free outside Japan / 税込 (日  
本国内)



MRD-025-M Swing Shaft M (2  
pcs) / スイングシャフト M (2  
個)

¥1,100 Tax-free outside Japan / 税込 (日  
本国内)



MRD-025-S Swing Shaft S (2  
pcs) / スイングシャフト S (2  
個)

¥1,100 Tax-free outside Japan / 税込 (日  
本国内)



MRD-026 Shaft Set (Rear  
Unit) / シャフトセット (リヤ  
ユニット)

¥990 Tax-free outside Japan / 税込 (日本  
国内)



MRD-027 Rear Spring Set  
(Rear Unit) / リヤスプリングセ  
ット (リヤユニット)

¥660 Tax-free outside Japan / 税込 (日本  
国内)



MRD-028 Bearing Set (Rear  
Unit) / ベアリングセット (リ  
ヤユニット)

¥880 Tax-free outside Japan / 税込 (日本  
国内)



MRD-029 Screw Set (Rear  
Unit) / スクリューセット (リ  
ヤユニット)

¥880 Tax-free outside Japan / 税込 (日本  
国内)



# **MRD** Rear Unit Assembly Kit

## リヤユニット組立キット

ASSEMBLY MANUAL

組立説明書