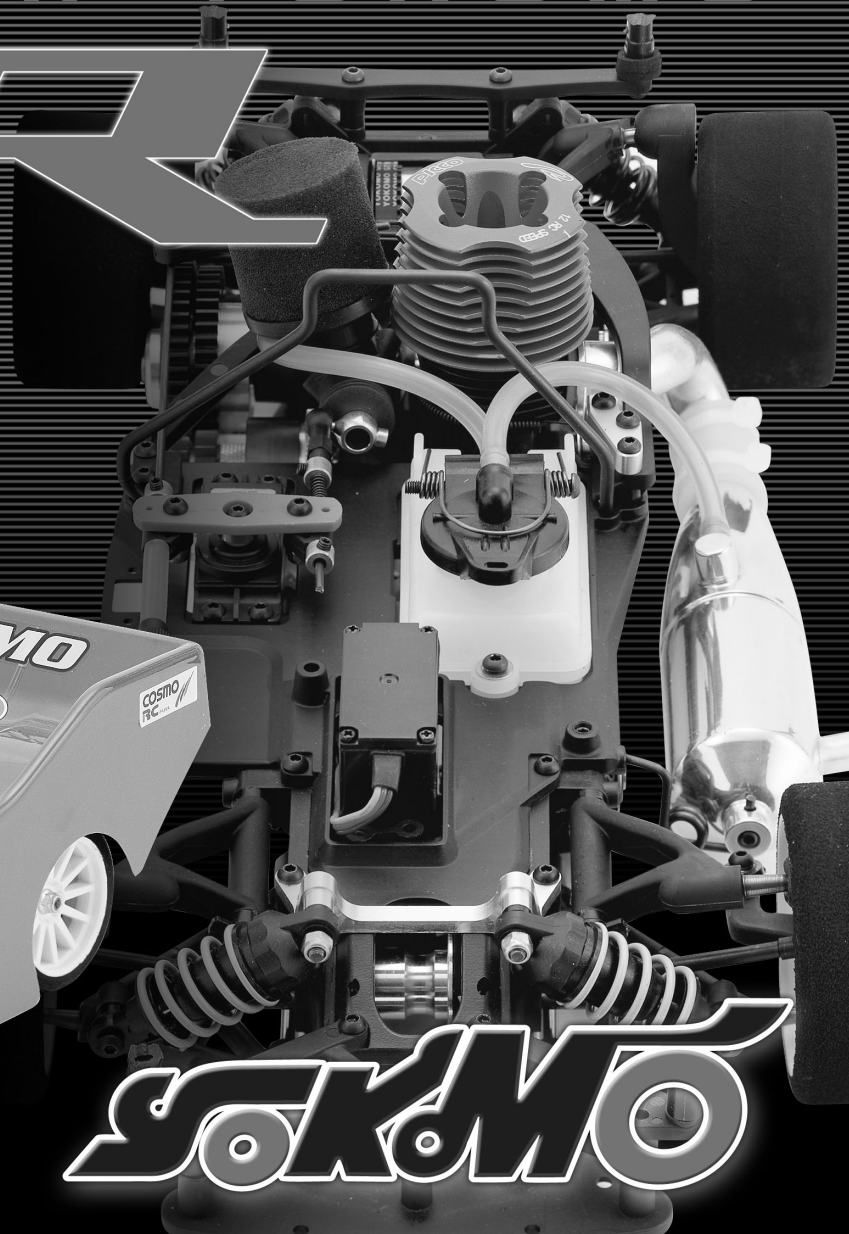


9-World Champion YOKOMO

GT-4R

GAS POWERED 1/2 RACING CAR



GT-4R

English

2001.6.21

【組み立てに必要な物】

ACCESSORIES AND TOOLS NEEDED FOR [GT-4R] ASSEMBLY

■ 走行の為に別にお買い求め頂く物 ■

ADDITIONAL ITEMS REQUIRED FOR USE (NOT INCLUDED IN KIT)

- 2チャンネルプロポ（2サーボ 別電源仕様）
TWO CHANNEL R/C SURFACE RADIO SYSTEM
AND ELECTRONIC SPEED CONTROL
- 模型用グロー燃料
RC CAR FUEL
- エンジンスターター（プルスターター仕様は不要）
ENGINE STARTER
- プラグヒート及びヒート用バッテリー
GLOW PLUG IGNITER
- 走行用ボディー（ボディー付キットは不要）
BODY
- ボディー塗装用カラー
BODY SPRAY PAINT

■ 袋以外の箱に入っている物 ■

PARTS INCLUDED IN KIT

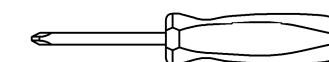
- | | |
|---------------------|---------------|
| ● ボディー（ボディー付キットの場合） | BODY |
| ● バンパー | BUMPER |
| ● ホイール、タイヤ | WHEELS, TIRES |
| ● メインシャーシ | MAIN CHASSIS |
| ● ショックオイル | SHOCK OIL |

GT-4Rの性能を十分に発揮させる為に、組立ては図を良く見て説明の順番に従って確実に組み上げて下さい。

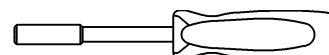
For assembly, follow the figures and the instructions closely so that your GT-4R will perform at its best!!

■ 別途用意する工具 ■

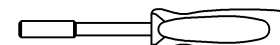
ASSEMBLING TOOLS REQUIRED (NOT INCLUDED IN KIT)



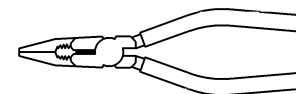
ドライバー（大,小）
SCREW DRIVER (SMALL & LARGE)



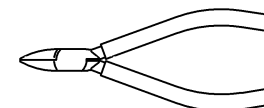
ボックスレンチ（7.0mm）
NUT DRIVER (7.0mm)



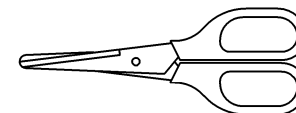
ボックスレンチ（5.5mm）
NUT DRIVER (5.5mm)



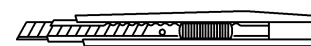
ラジオペンチ
NEEDLE NOSE PLIERS



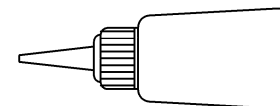
ニッパー
SIDE CUTTER



ハサミ
SCISSORS



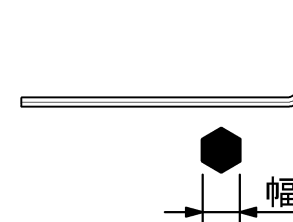
カッター
HOBBY KNIFE



瞬間接着剤
QUICK DRYING GLUE

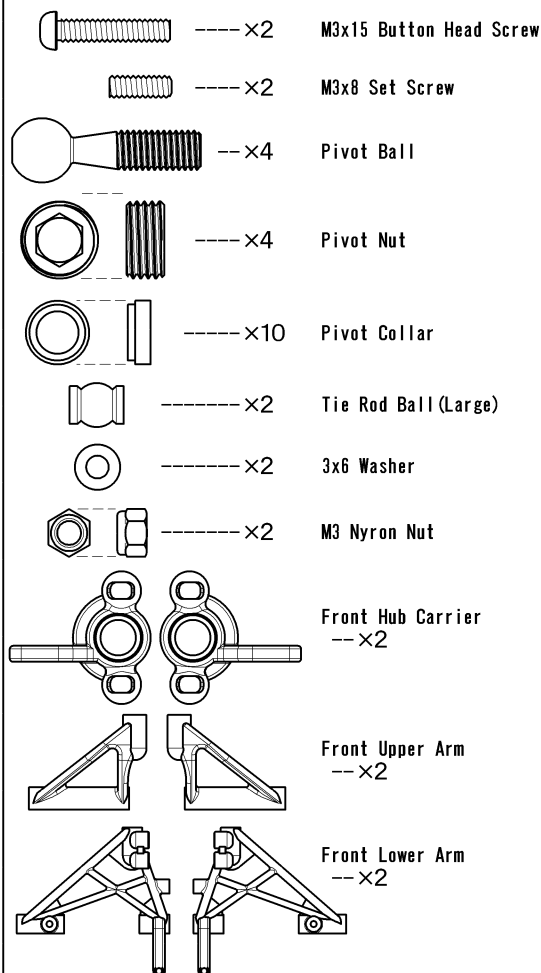
■ キットに入っている工具 ■

TOOLS (INCLUDED)

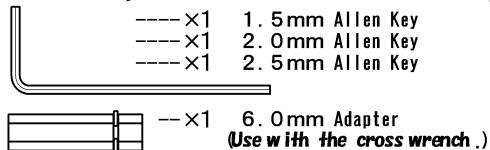


六角レンチ
ALLEN WRENCH
(6.0mm)
(2.5mm)
(2.0mm)
(1.5mm)

[Bag-1 Contents]

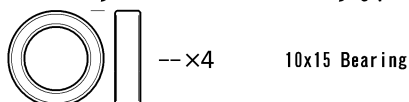


The following wrenches are included tools bag.

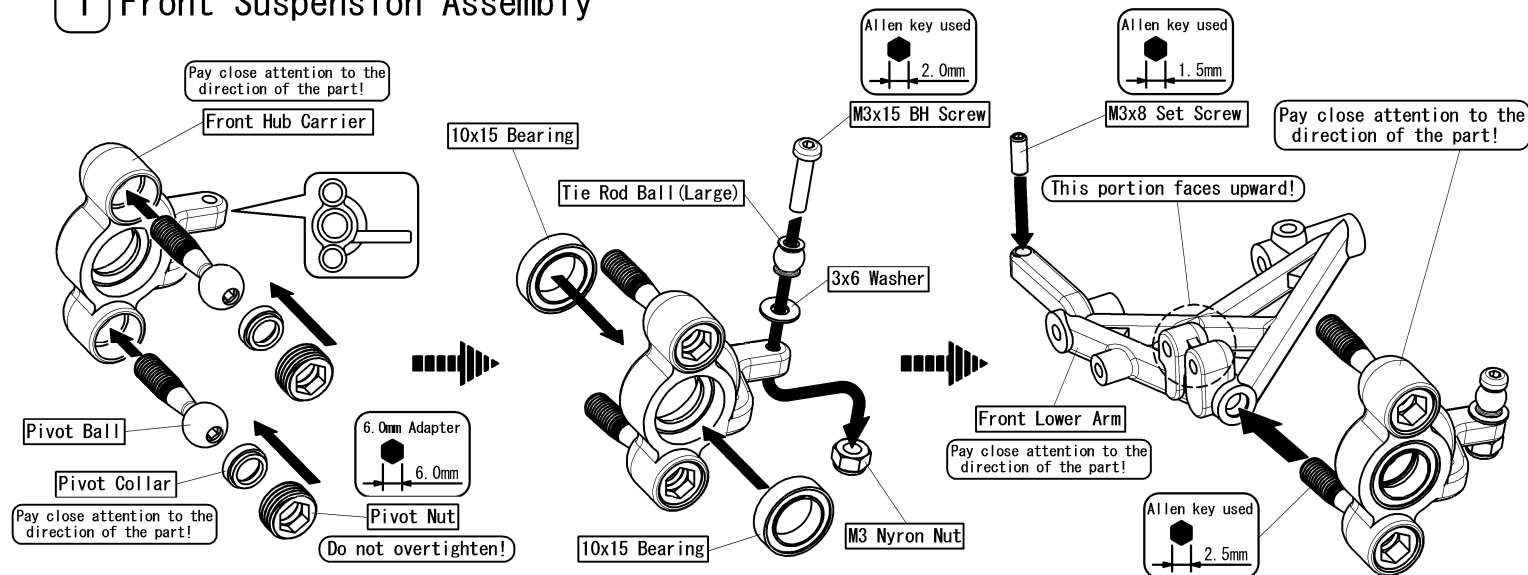


A turnbuckle wrench and nut wrench are also included.

The bearings are included in bag 0 (small bag).



1 Front Suspension Assembly

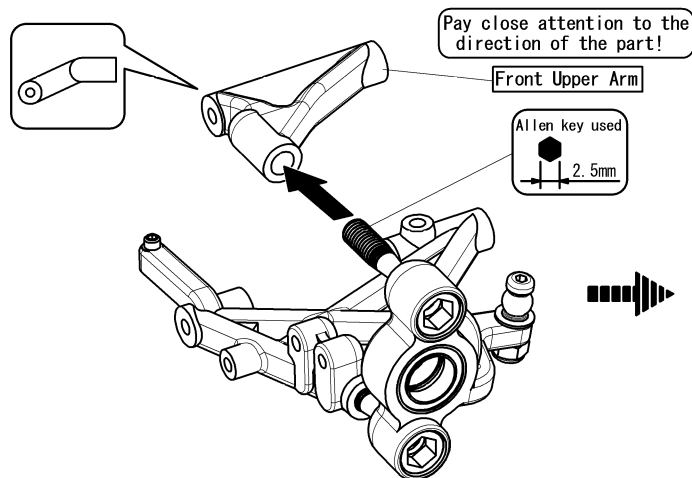


Remove any burrs from the front hub carriers. Apply a small amount of black grease to the pivot balls before the pivot collar and pivot nut are attached. Make sure to screw the pivot nut into the hub carrier as straight as possible.

Caution!—Tighten the pivot nut so that the pivot ball moves freely without any binding or excess play. The black grease is included in 【Bag—③】.

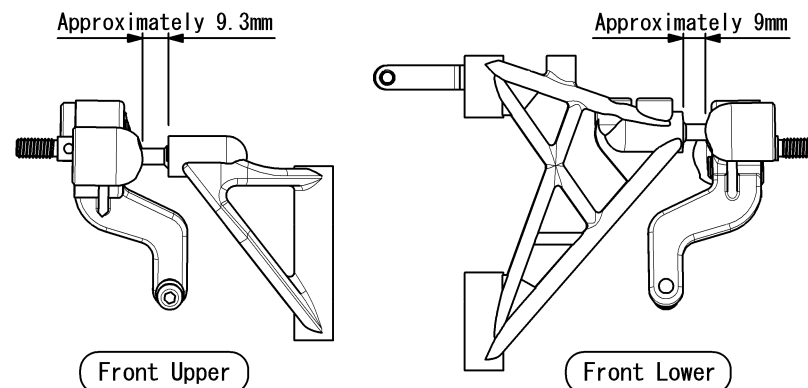
Attach the Tie rod ball to the front hub carriers. Then insert the bearings, followed by the front axes.

Screw the M3x8 set screws into the front lower arm until the screw threads do not show. Partially screw the pivot ball into the front lower arm.



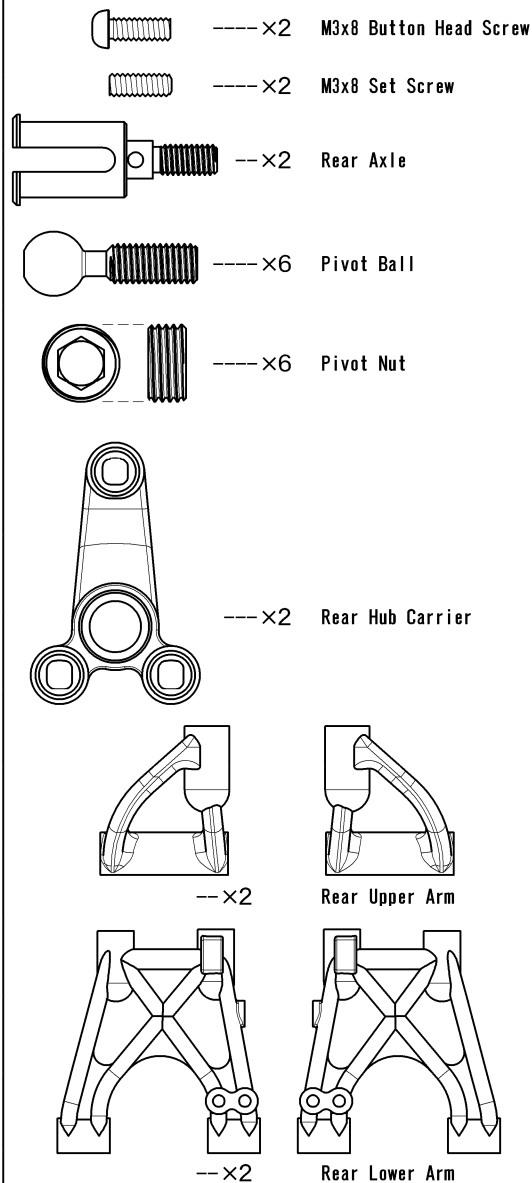
Partially screw the pivot ball into the front upper arm.

Tighten the pivot balls so that the gap between the front hub carrier and upper/lower arms is as follows.



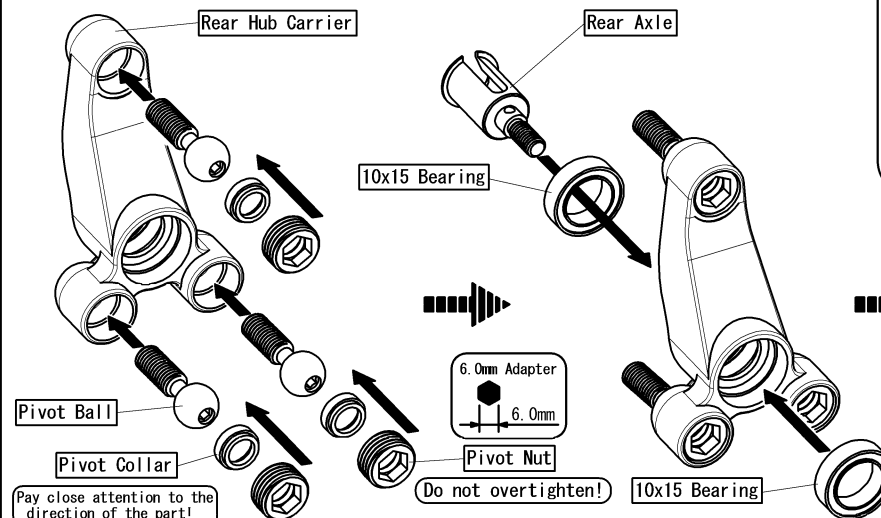
Build the opposite side of the front suspension in the same way.

[Bag-2 Contents]



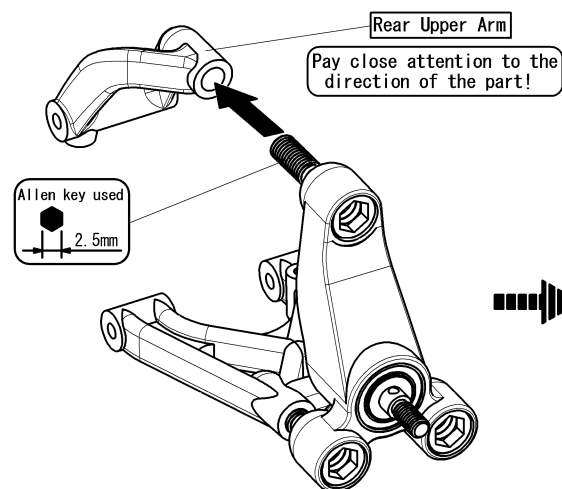
The bearings are included in bag 0 (small bag).

2 Rear Suspension Assembly

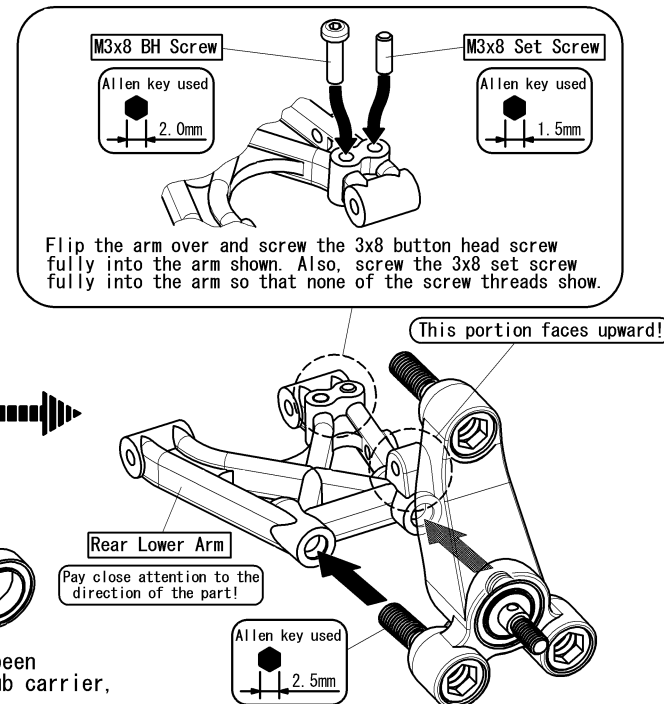


Remove any burrs from the rear hub carriers. Apply a small amount of black grease to the pivot balls before the pivot collar and pivot nut are attached. Make sure to screw the pivot nut into the hub carrier as straight as possible. Caution!—Tighten the pivot nut so that the pivot ball moves freely without any binding or excess play.

After the bearings have been inserted into the rear hub carrier, insert the rear axle.

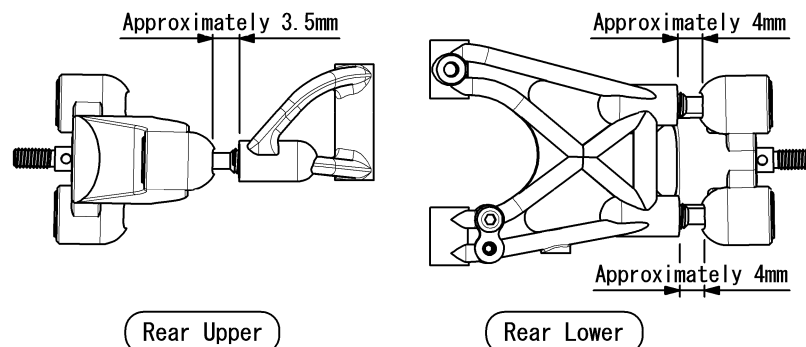


Partially screw the pivot ball into the rear upper arm.



Partially screw the pivot ball into the rear lower arm.

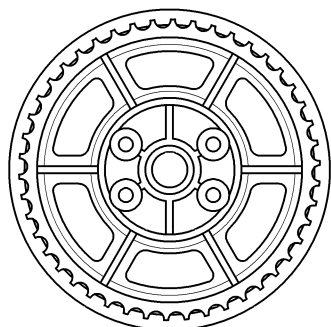
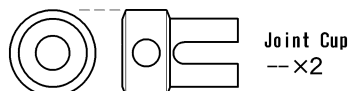
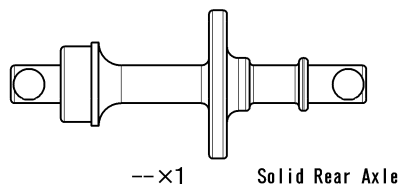
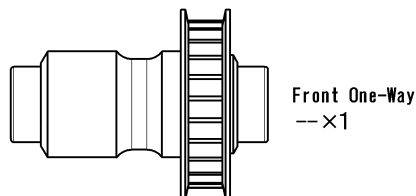
Tighten the pivot balls so that the gap between the rear hub carrier and upper/lower arms is as follows.



Build the opposite side of the rear suspension in the same way.

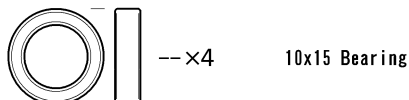
[Bag-3 Contents]

 --x4 M2.6x8 Screw
 --x2 M4x4 Set Screw



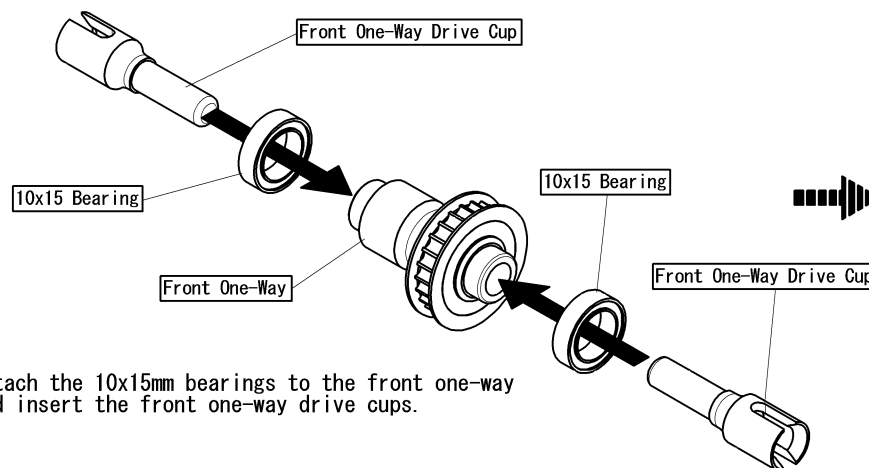
Black grease(yellow cap) is also included.

The bearings are included in bag 0 (small bag).



3 Front & Rear Pulley Assembly

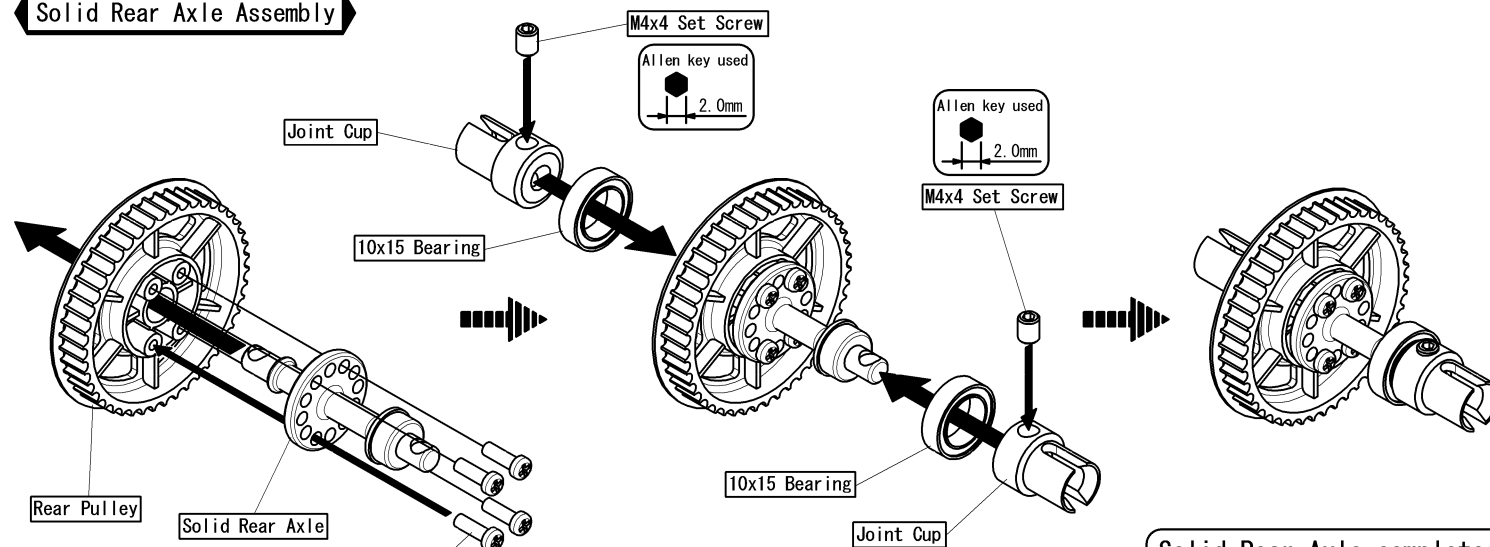
Front One-Way Assembly



Attach the 10x15mm bearings to the front one-way and insert the front one-way drive cups.

Front One-Way completed!

Solid Rear Axle Assembly



Securely attach the solid rear axle to the rear pulley using the four M2.6x8 screws.

Attach 10x15 bearings to each side and secure the outrides using the 4x4 set screws. Make sure that the set screws screw into the flat portion of the diff axle.

Solid Rear Axle completed!

[Bag-4 Contents]

M3.5x10 FH Screw --x6
M3x8 FH Screw --x1
M3x10 BH Screw --x1

M3x15 BH Screw --x4
M3x4 Set Screw --x2

M4x6 Set Screw --x1
Drive Pin --x2

5mm E-Clip --x3
Brake Pad Pin --x2
Brake Rotor Pin --x4

Center Layshaft --x1

Brake Cam --x1

Upper Arm Suspension Pin --x2

Lower Arm Suspension Pin --x2

Dog Bone --x2

Steel Plate --x2
Brake Pad --x2

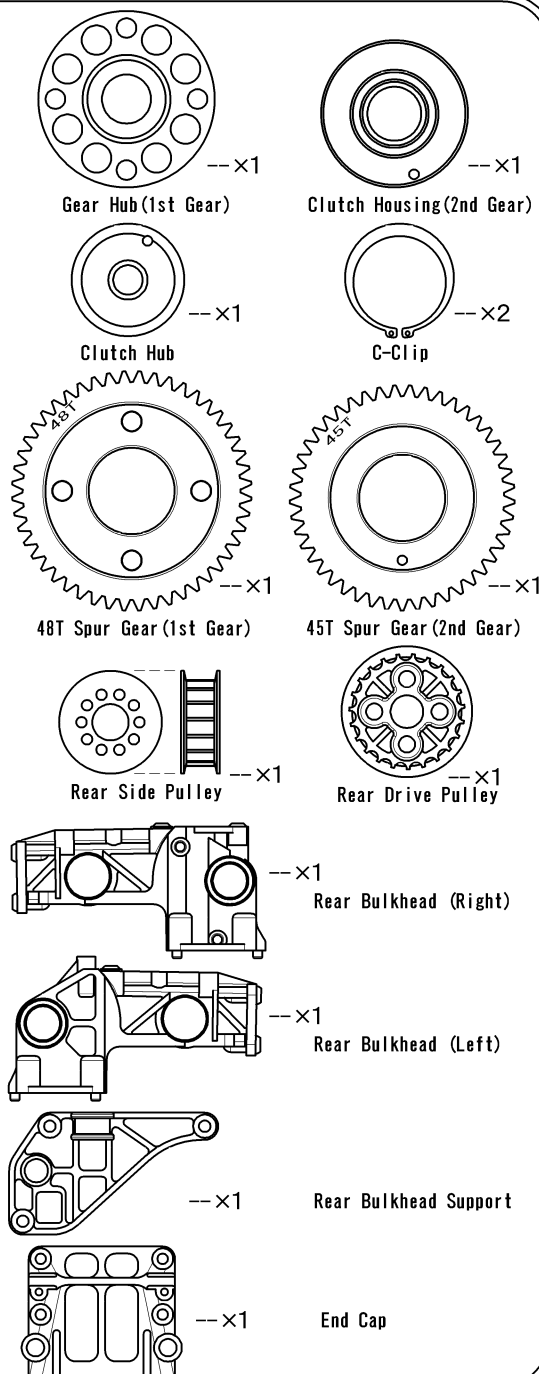
Brake Disk --x1
Brake Pad Support --x1

Rear Wide Drive Belt (66T) --x1

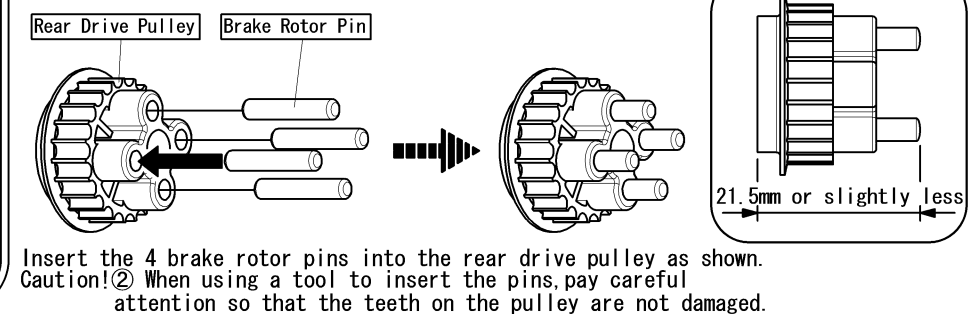
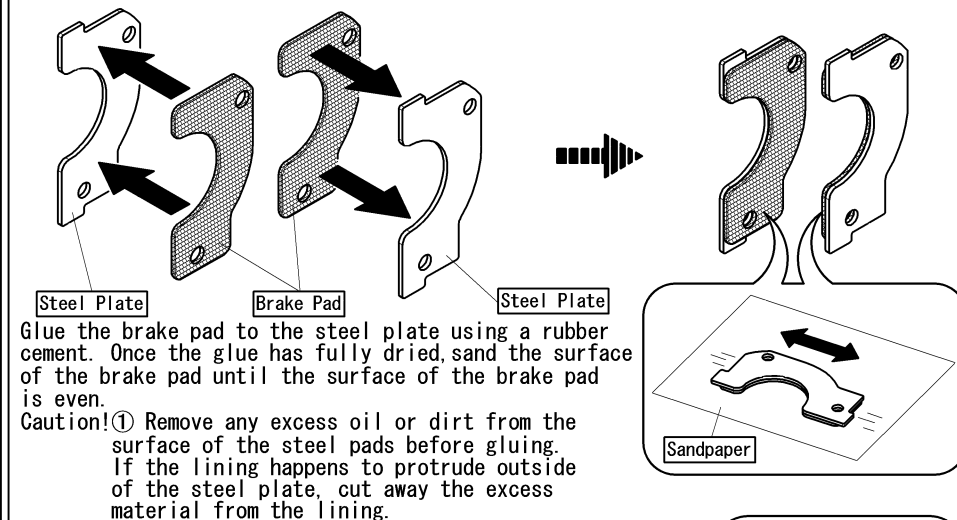
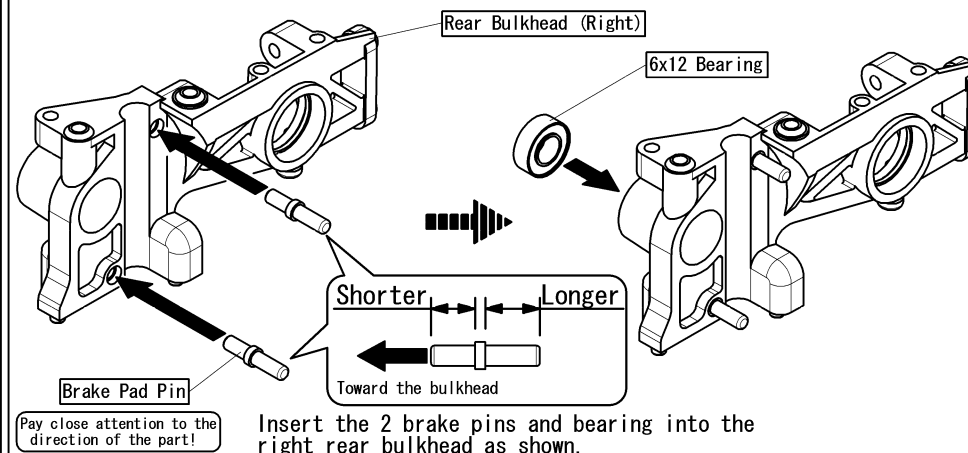
※ The belt is included in a separate bag (for belts).

The bearings are included in bag 0 (small bag).

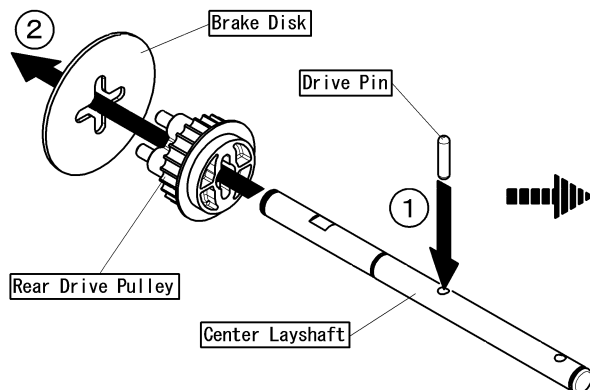
6x12 Bearing --x2



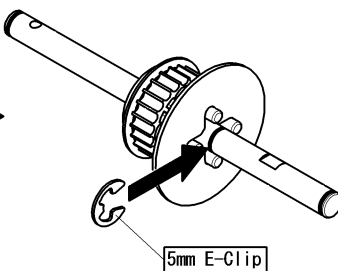
4 Rear Bulkhead Assembly



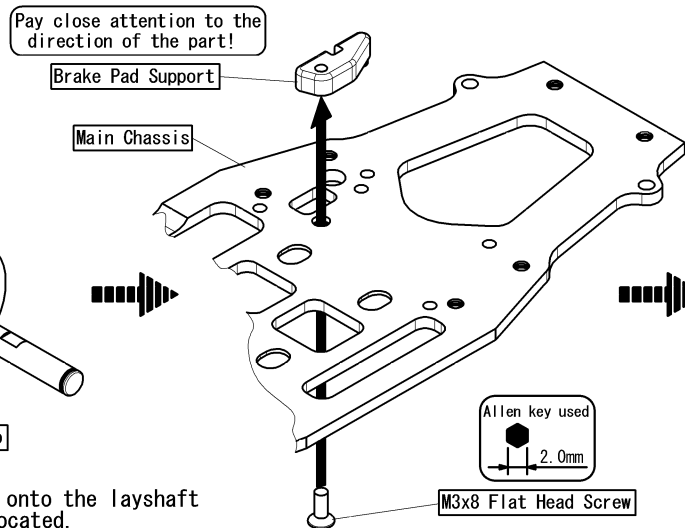
4 Rear Bulkhead Assembly



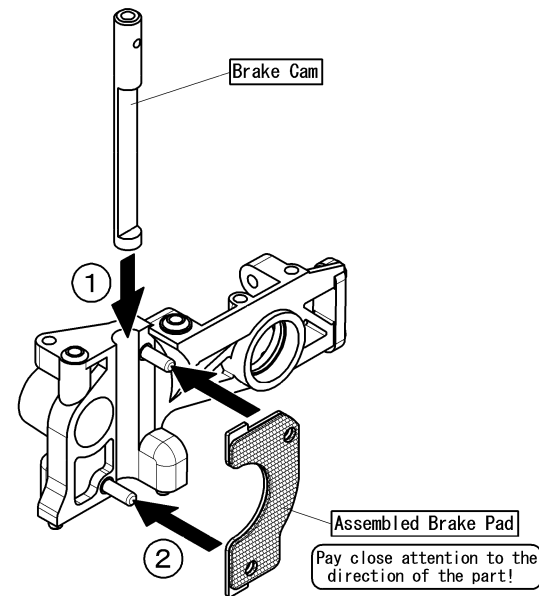
Insert the drive pin into the center layshaft and slide the rear drive pulley and brake disk onto the layshaft.



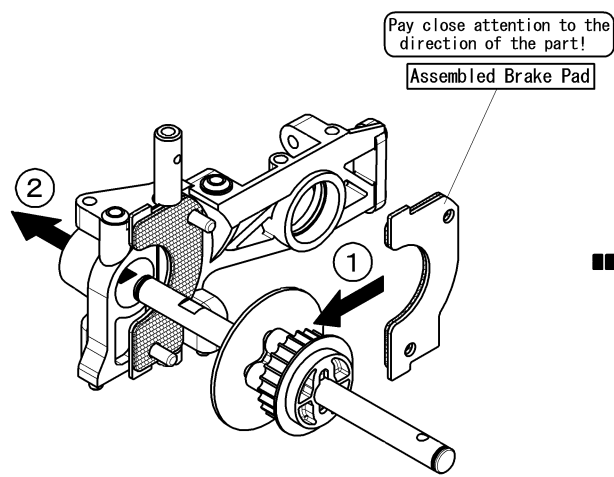
Attach the 5mm E-clip onto the layshaft where the groove is located.
Caution! ① Carefully attach the 5mm E-clip so that the brake disk is not scratched.



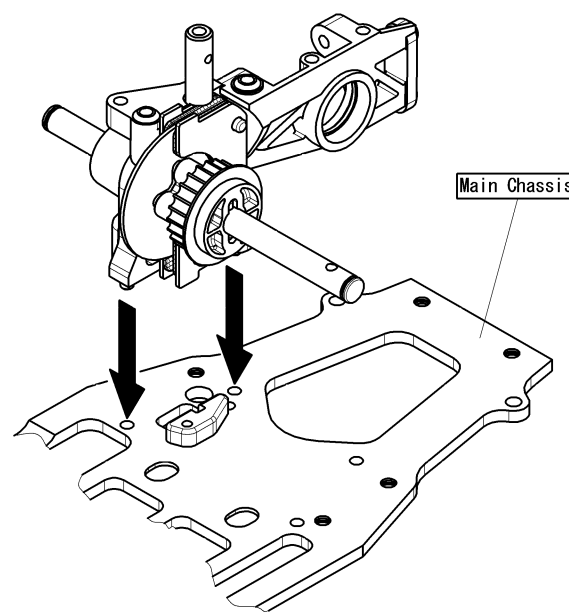
Attach the brake pad support to the chassis using a M3x8 flathead screw from the bottom of the chassis.



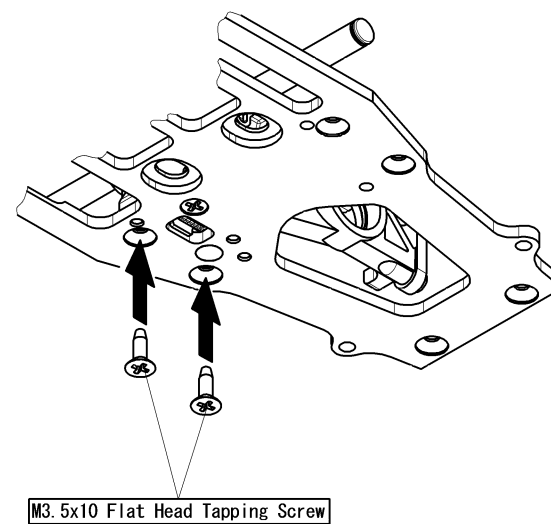
Slide the brake cam into the long groove found on the right rear bulkhead. Slide the assembled brake pad onto the 2 brake pad pins. The brake pad should fit into brake cam.



Position the other brake pad in between the brake disk and rear drive pulley. Slide the layshaft through the bulkhead and make sure that the brake pad attaches to the 2 brake pad pins.



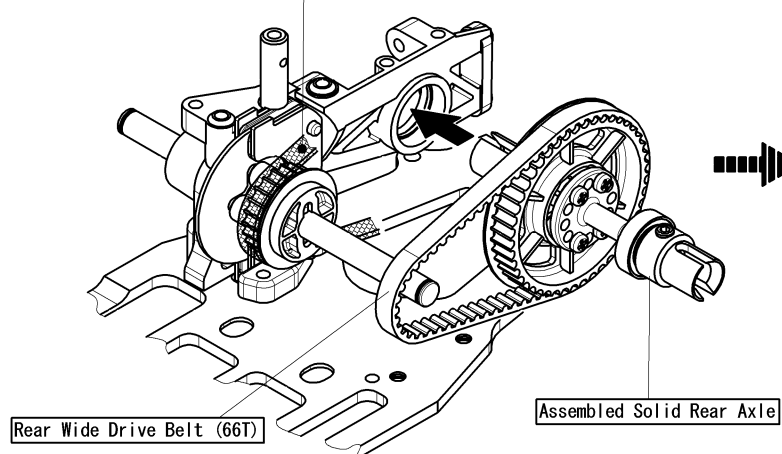
Position the bottom studs of the rear bulkhead onto the holes located on the chassis. Secure the bulkhead to the chassis using two 3.5x10 flathead tapping screws.



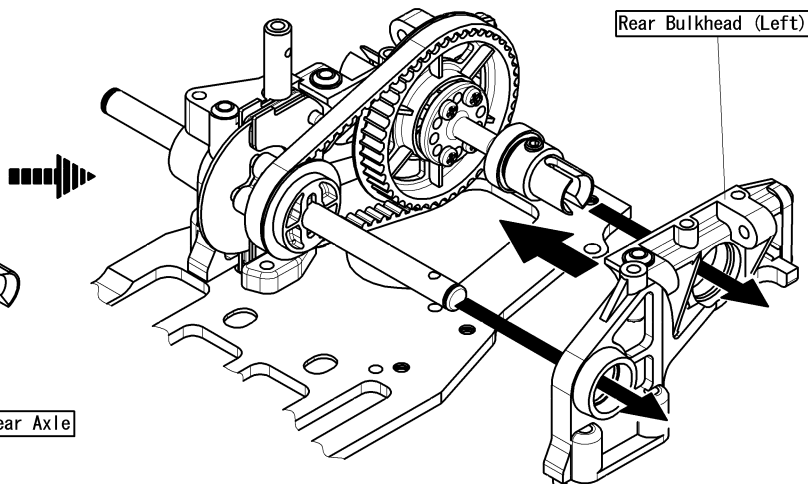
Caution! ② Carefully tighten the screws so that the brake pads and layshaft assembly do not fall out of place.

4 Rear Bulkhead Assembly

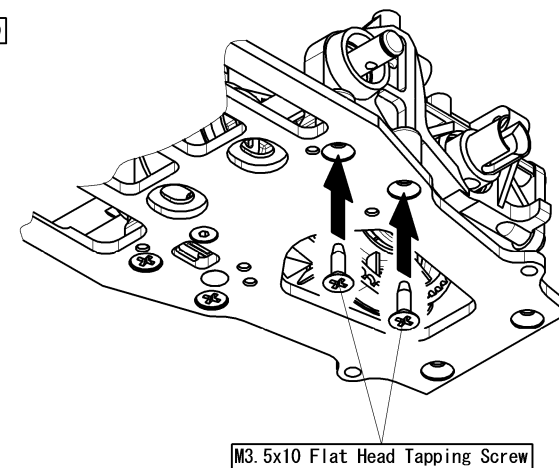
Attach the belt onto the pulley!



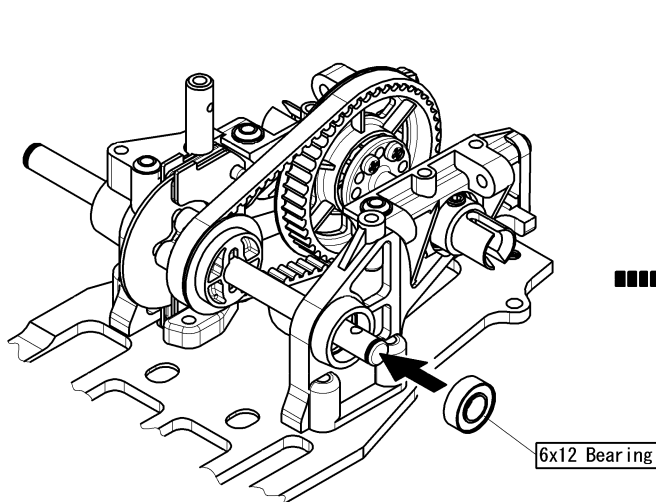
Place the wide rear drive belt onto the assembled solid rear axle. Slide the solid axle into the bulkhead and attach the drive belt onto the rear drive pulley.



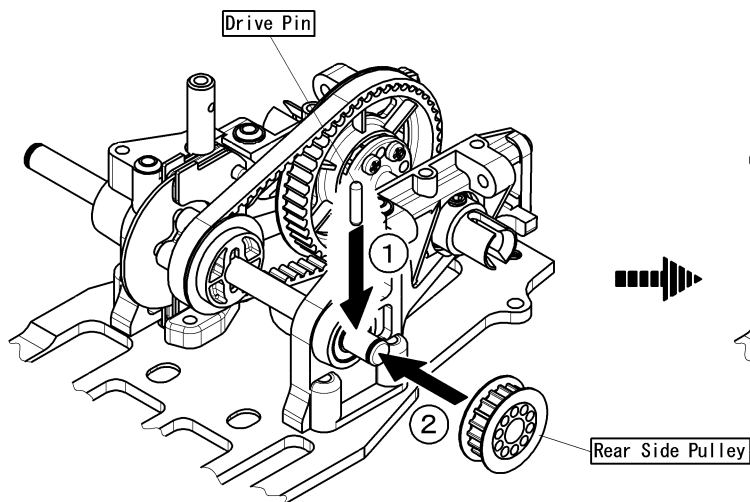
Slide the left rear bulkhead onto the rear differential and layshaft.



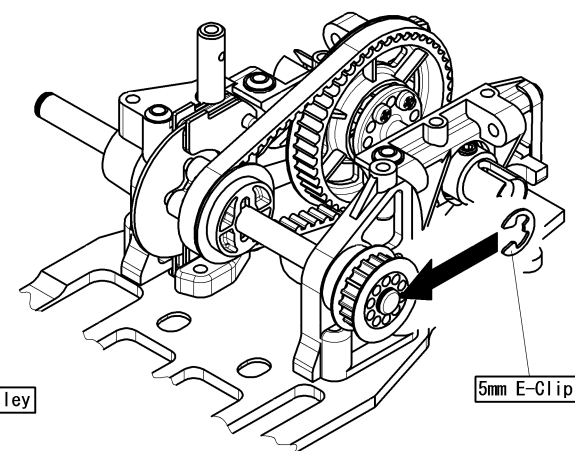
Position the bottom studs of the bulkhead into the holes in the chassis. Use two 3.5x10 flathead tapping screw to secure the bulkhead to the chassis.



Insert the 6x12 bearing into the bulkhead.



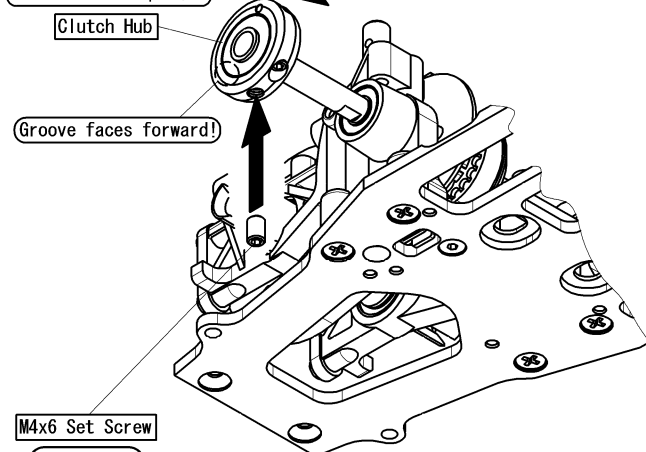
Insert the drive pin into the center layshaft and position the rear side pulley onto the layshaft.



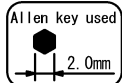
Attach a 5mm E-clip onto the end of the layshaft where the groove is located. Caution!—Make sure that the 5mm E-clip is securely attached to the layshaft.

4 Rear Bulkhead Assembly (2-speed transmission installation)

Pay close attention to the direction of the part!

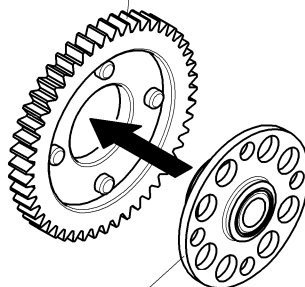


M4x6 Set Screw



Attach the clutch hub to the center shaft using the M4x6 set screw. Make sure that the set screw screws into the flat portion of the center shaft. Caution! ① When installing the clutch hub, make sure that the side with the groove is facing toward you. Installing the clutch hub incorrectly will cause the 2-speed transmission to fail.

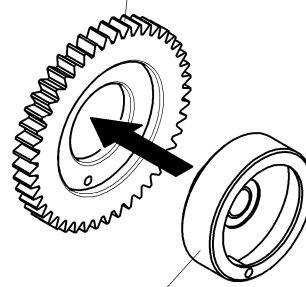
48T Spur Gear (1st Gear)



Gear Hub (1st Gear)

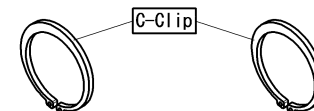
Pay close attention to the position of the holes.

45T Spur Gear (2nd Gear)



Clutch Housing (2nd Gear)

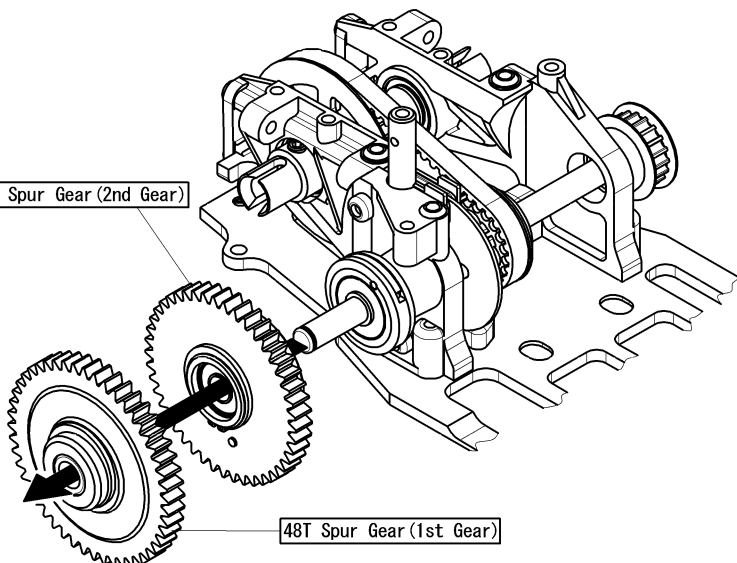
Attach the gear hub and clutch housing to the spur gears as shown above.



Attach the C-clip to the gear hub and clutch housing. Make sure that the C-clip fits into the groove.

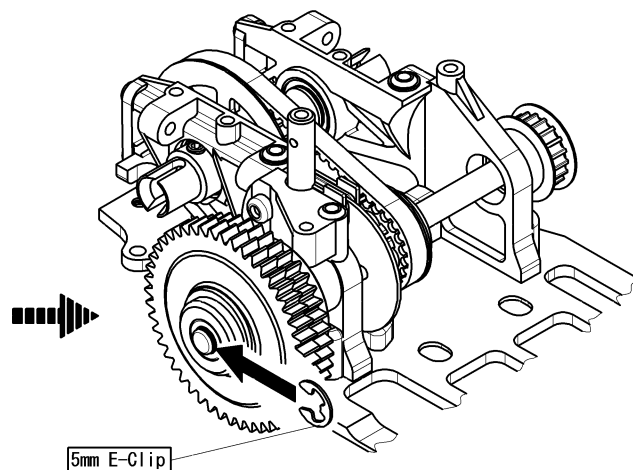
Caution! ② Make sure that the C-clip is properly attached. Using snap ring pliers can be very helpful in this step.

45T Spur Gear (2nd Gear)



48T Spur Gear (1st Gear)

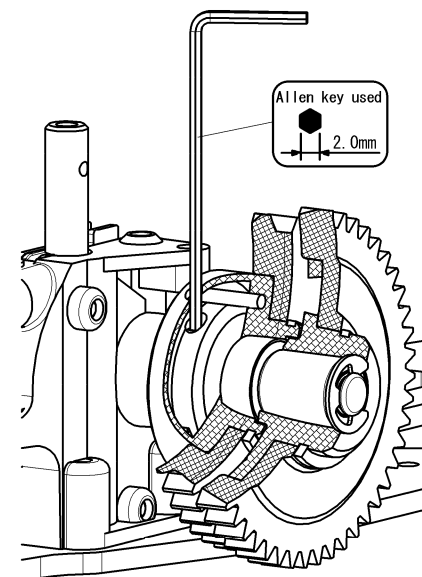
Attach the 2nd gear assembly onto the center layshaft first, followed by the 1st gear assembly.



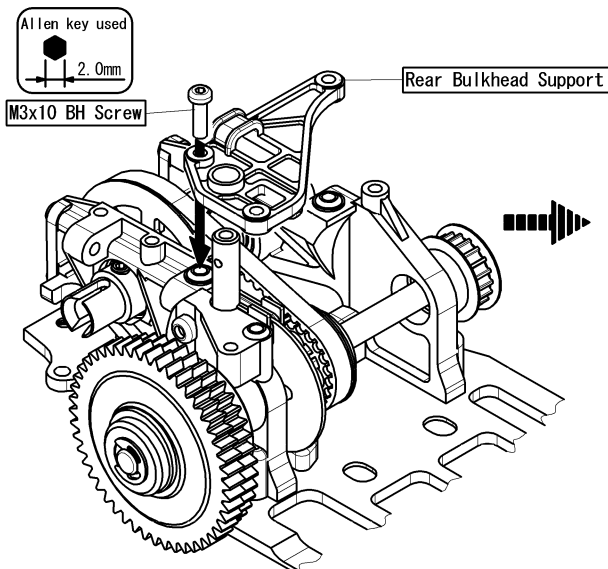
Attach a 5mm E-clip onto the end of the layshaft where the groove is located. Caution! ③ Make sure that the 5mm E-clip is securely attached to the layshaft.

Gear-shift timing adjustment

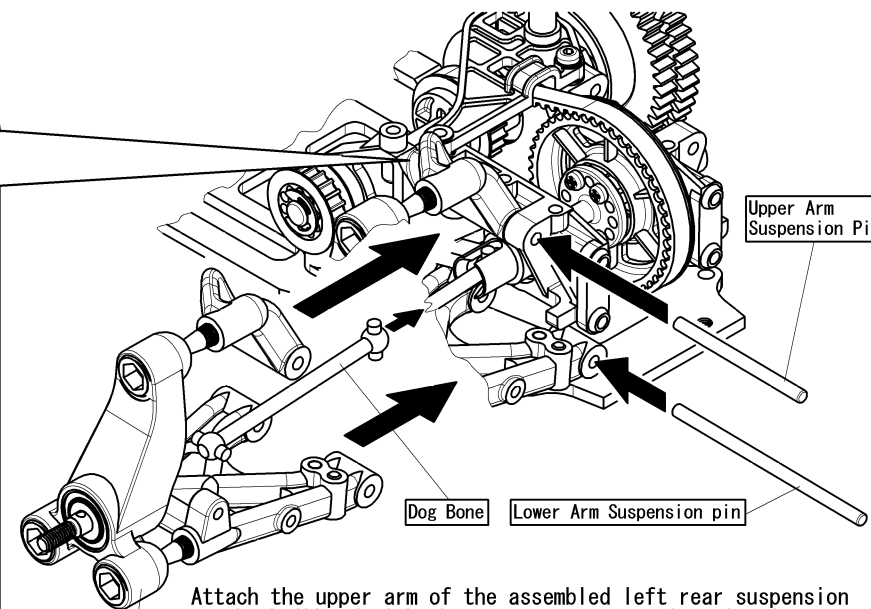
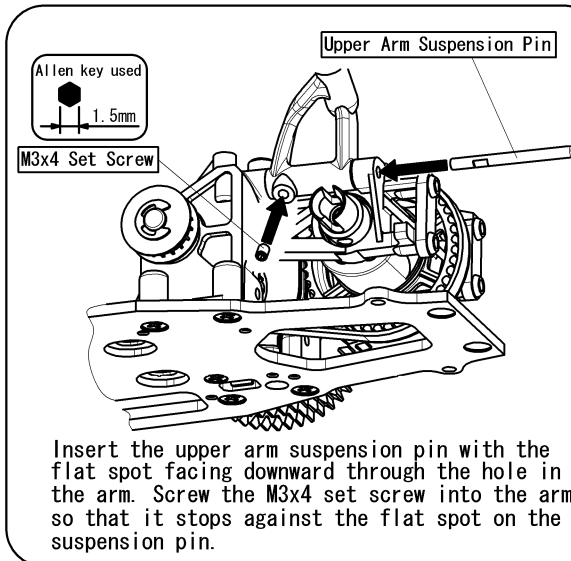
When adjusting the gear-shift timing, tightening the screw will make the transmission shift into 2nd gear later, while loosening the screw will make the transmission shift into 2nd gear sooner. Run the car and make adjustments to the transmission accordingly.



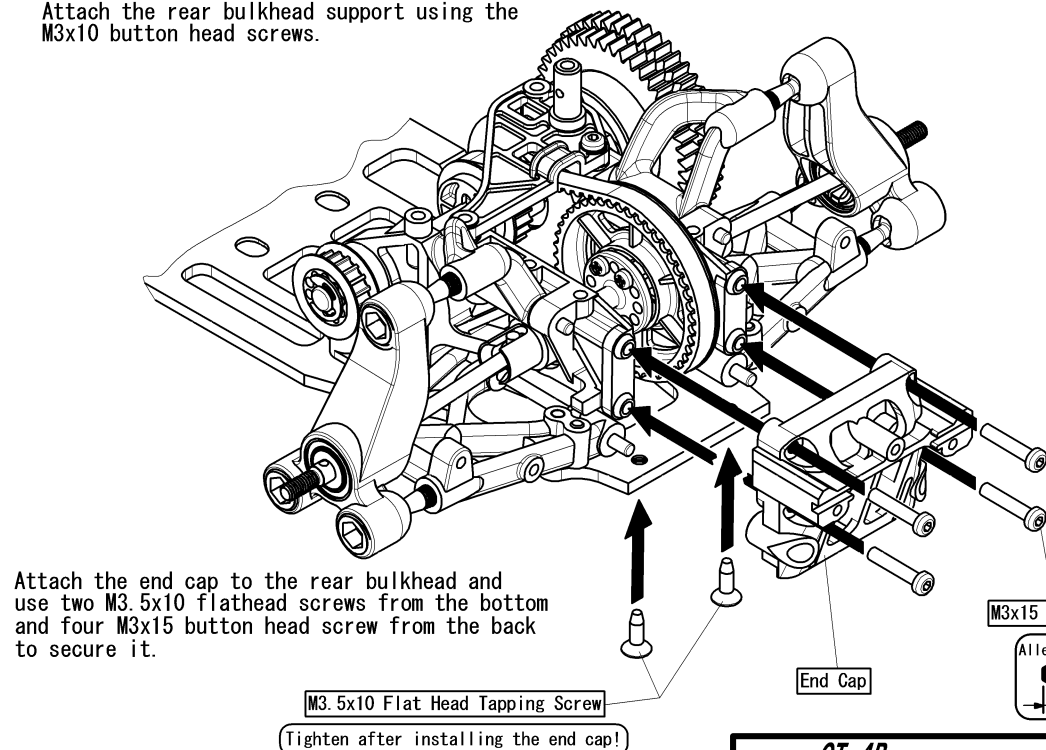
4 Rear Bulkhead Assembly (Rear Suspension Installation)



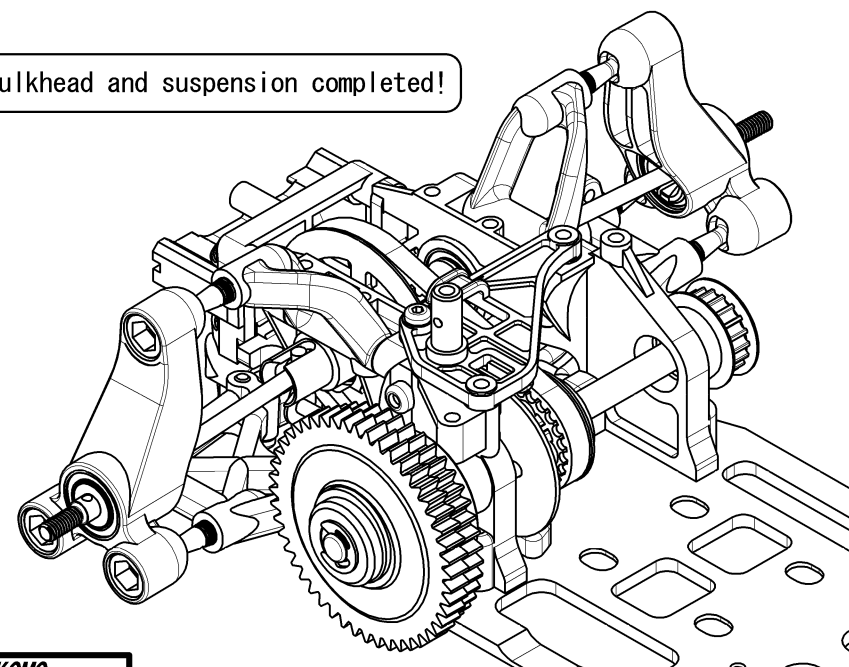
Attach the rear bulkhead support using the M3x10 button head screws.



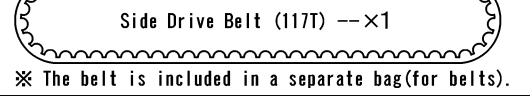
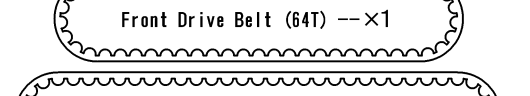
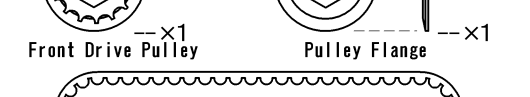
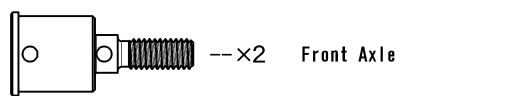
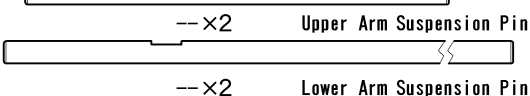
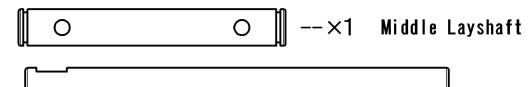
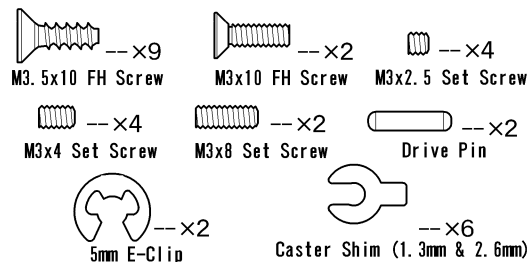
Attach the upper arm of the assembled left rear suspension to the bulkhead with the upper arm suspension pin. Insert the dog bone into the outdrive and axle cup and attach the lower arm to the bulkhead using the lower arm suspension pin. Caution!—Install the assembled right rear suspension in the same way. Always lubricate both ends of the dog bones using black grease before installing them.



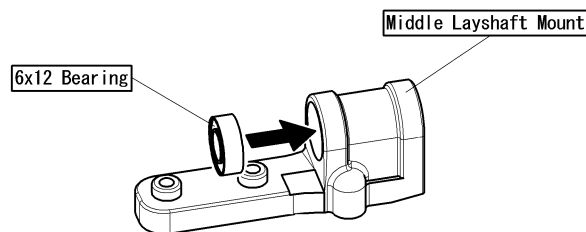
Rear bulkhead and suspension completed!



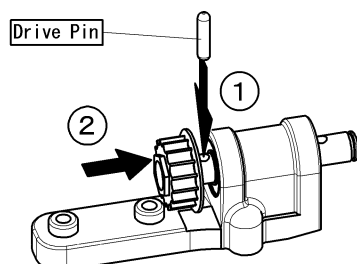
[Bag-5 Contents]



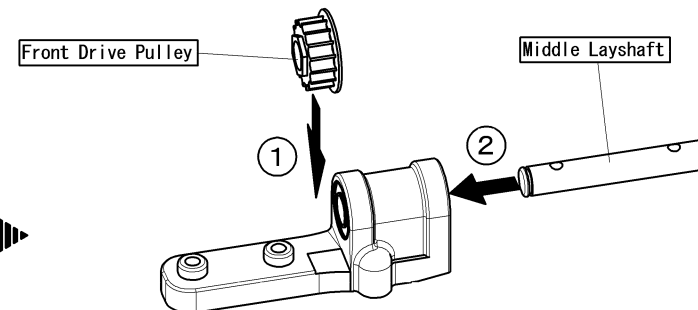
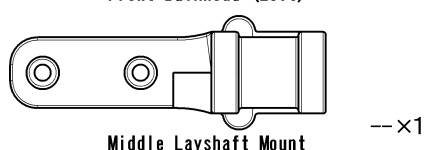
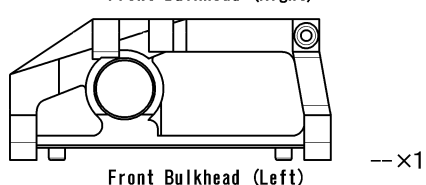
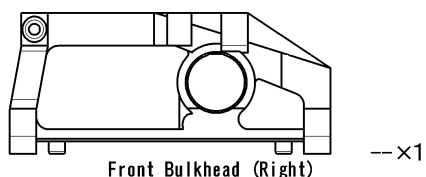
5 Front Bulkhead Assembly



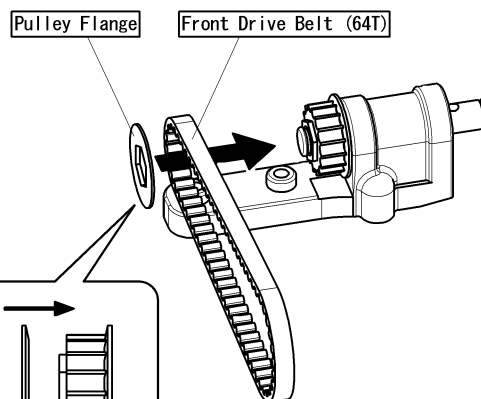
Insert 6x12 bearings into the end of the layshaft mount.



Slightly pull the front drive pulley from the layshaft and insert the drive pin into hole on the layshaft. Position the groove on the back of the front drive pulley with the drive pin, and press the pulley onto the pin.

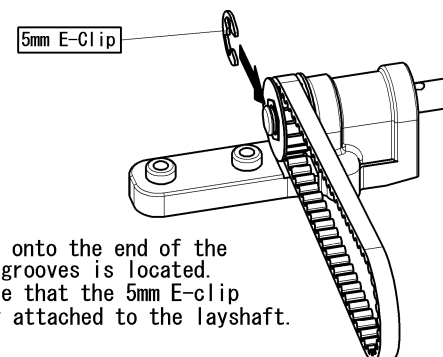


Slide the layshaft through the bearings and attach the front drive pulley onto the layshaft as shown above.



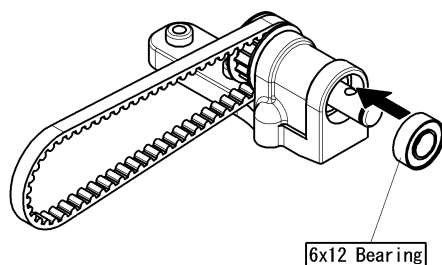
Attach the front drive belt and pulley flange onto the pulley.
Caution! ① Make sure that the pulley flange is attached to the pulley properly. The beveled edge of the flange should face toward the pulley.

Pay close attention to the direction of the part!

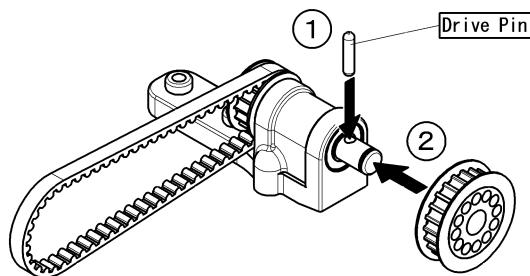


Attach a 5mm E-clip onto the end of the layshaft where the grooves is located.
Caution! ② Make sure that the 5mm E-clip is securely attached to the layshaft.

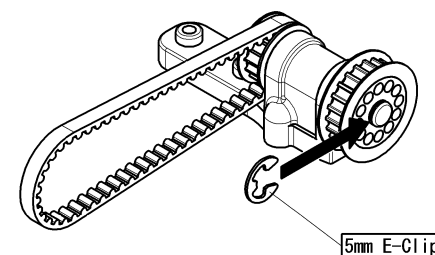
5 Front Bulkhead Assembly



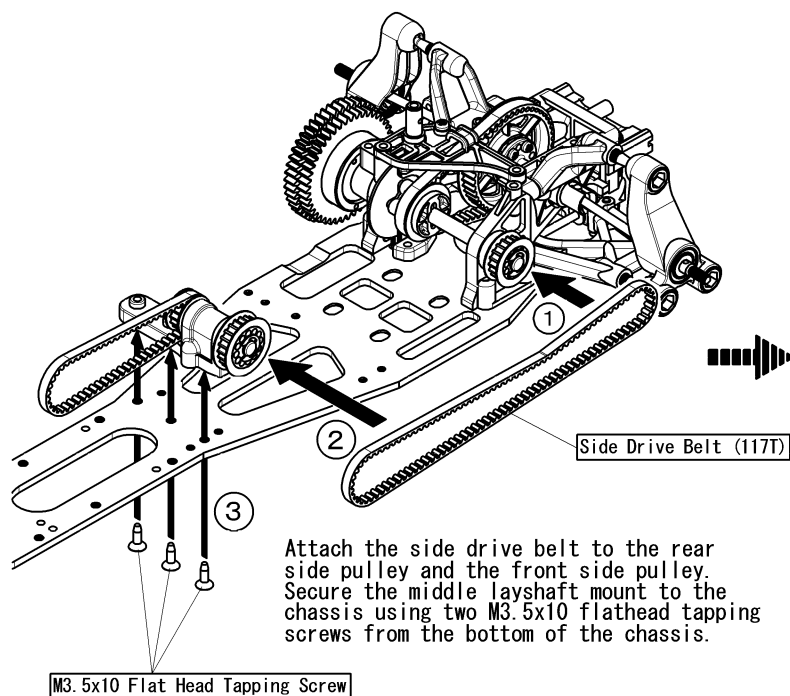
Insert 6x12 bearing into the end of the layshaft mount.



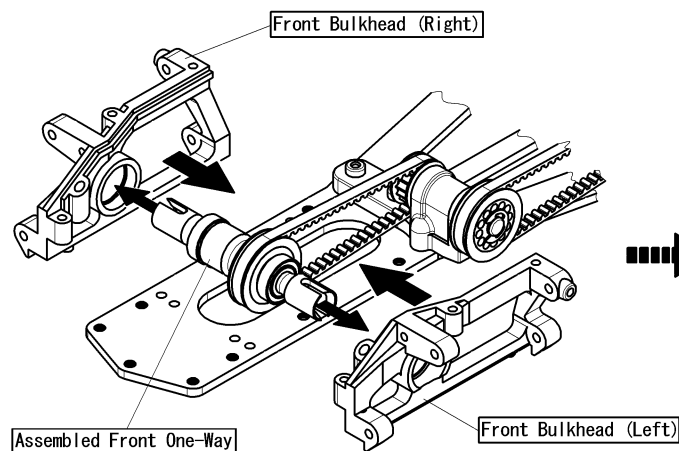
Insert the drive pin into hole on the layshaft and slide the front slide pulley onto the layshaft as shown above.



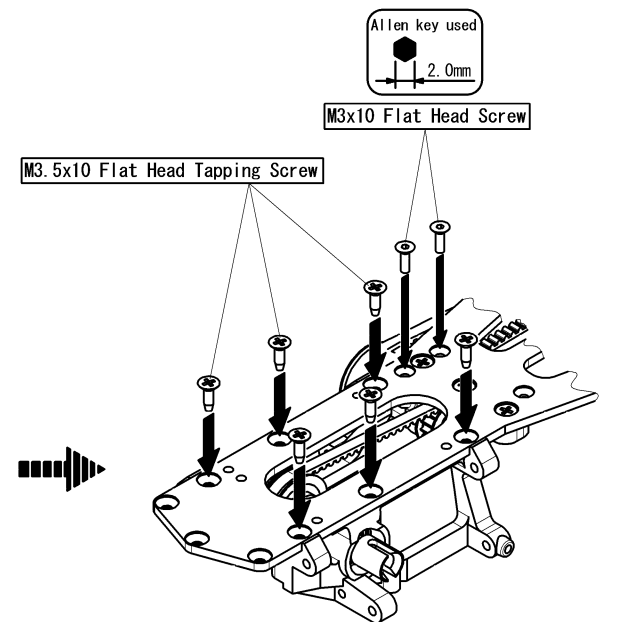
Attach 5mm-clip onto the end of the layshaft where the groove is located.
Important!-Make sure that the 5mm E-clip is securely attached to the layshaft.



Attach the side drive belt to the rear side pulley and the front side pulley. Secure the middle layshaft mount to the chassis using two M3.5x10 flathead tapping screws from the bottom of the chassis.



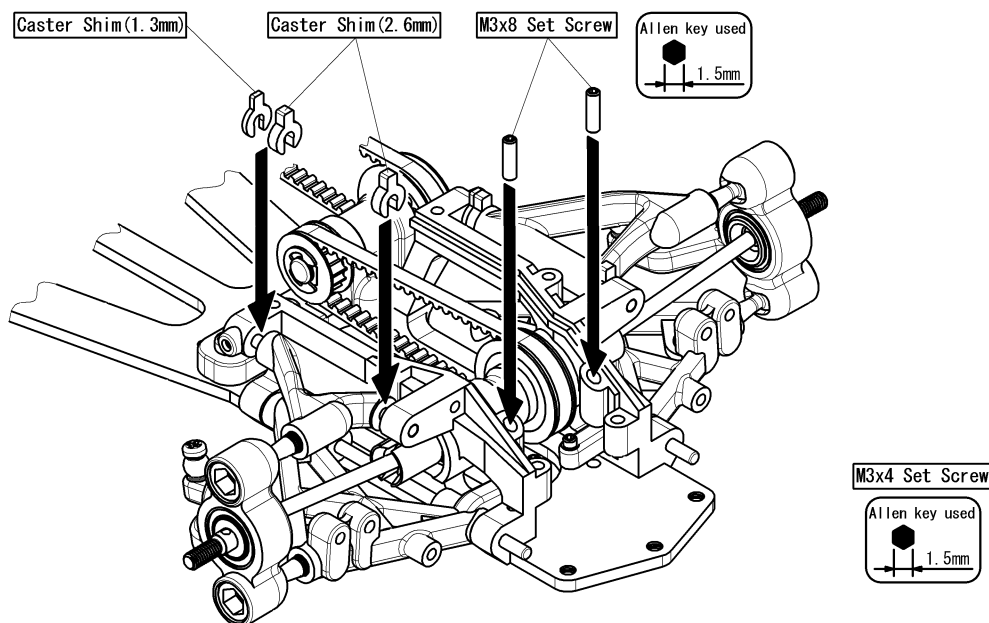
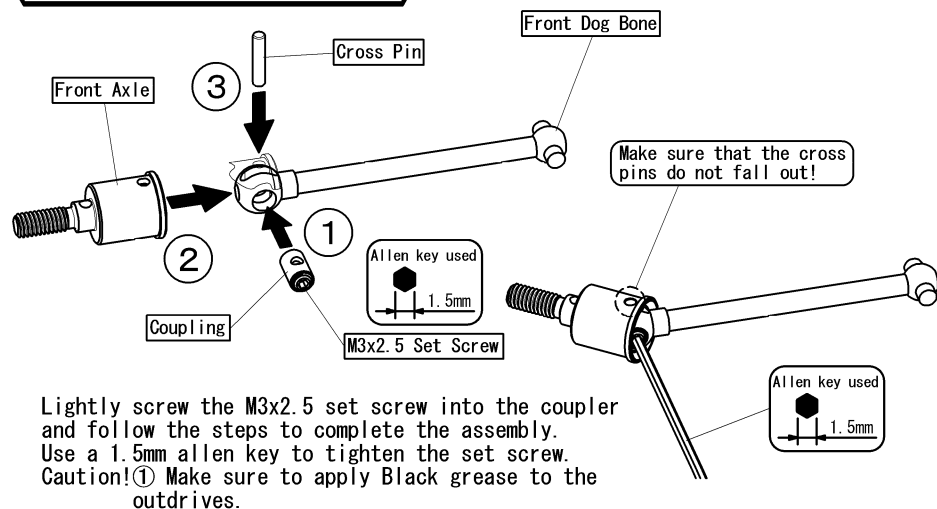
Attach the assembled front One-Way to the front drive belt and install the left and right front bulkheads.



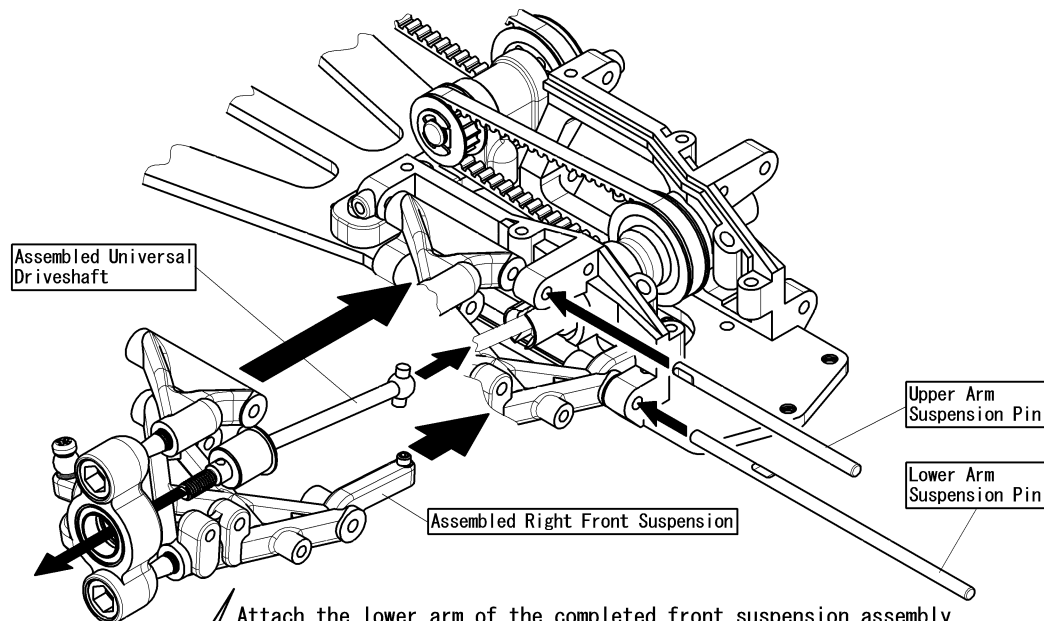
Line up the bulkhead on the chassis and secure it using six M3.5x10 flat head screws. Attach the middle shaft mount using two M3x10 flathead screws.

5 Front Bulkhead Assembly (Front Suspension Installation)

Universal Driveshaft Assembly

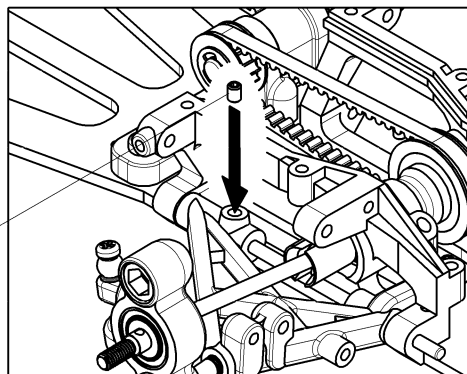


Attach one 2.6mm caster shim in front of the upper arm, and one 2.6mm and one 1.3mm shim in back of the upper arm. Repeat this for both sides. Screw two M3x8 set screw into the bulkhead as shown. Tighten the set screw until the screw threads are hidden in the bulkhead.

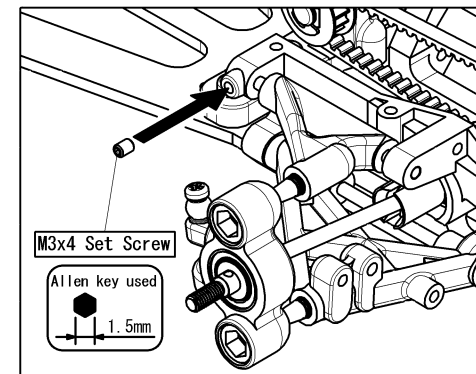


Attach the lower arm of the completed front suspension assembly to the bulkhead using the lower suspension pin. Insert the universal driveshaft into the front hub and position the dogbone into the outdrive. Attach the upper arm to the bulkhead using the upper suspension pin. Caution! ② Install the assembled left front suspension in the same way. Always lubricate both ends of the dog bones using black grease before installing them.

Lower Arm Side



Upper Arm Side



Insert the suspension pin with the flat spot facing the hole in the arm. Screw a M3x4 set screw into the arm so that they stop against the flat spot on the suspension pin.

[Bag-6 Contents]

M3x8 Button Head Screw --x1

M3x10 Cap Head Screw --x4

Engine Mount --x2

Spring Washer --x5

Clutch Bell --x1

Fly Wheel --x1

Clutch Spring --x3

Clutch Shoe --x3

Clutch Nut --x1

Collet Washer --x1

Collet (6mm Inner Diameter) --x1

Collet (7mm Inner Diameter) --x1

Clutch Washer (Single Notch) --x1

Clutch Washer (Double Notch) --x1

16T Pinion (1st Gear) --x1

19T Pinion (2nd Gear) --x1

Pinion Spacer --x1

The bearings are included in bag 0 (small bag).

--x2

5x10 Bearing

6 Clutch Assembly

Picco Engine

Engine sold separately.

Pay close attention to the direction of the part!

Collet (6mm Inner Diameter)

Fly Wheel

Clutch Nut

When using a Picco engine, install the 6mm collet onto the crankshaft, followed by the flywheel. Use the clutch nut to secure the flywheel to the crankshaft. Caution! ① Firmly tighten the clutch nut using a 10mm nut driver.

Clutch Shoe

Clutch Spring

Insert the clutch spring into each clutch shoe and slide them onto the pins on the flywheel. Caution! ③ Place the clutch shoe and spring onto the pins so that the spring fits into the groove in the clutch nut.

Fit into the groove

Clutch Nut

Clutch Spring

Other Engine

Engine sold separately.

Pay close attention to the direction of the part!

Collet (7mm Inner Diameter)

Collet Washer

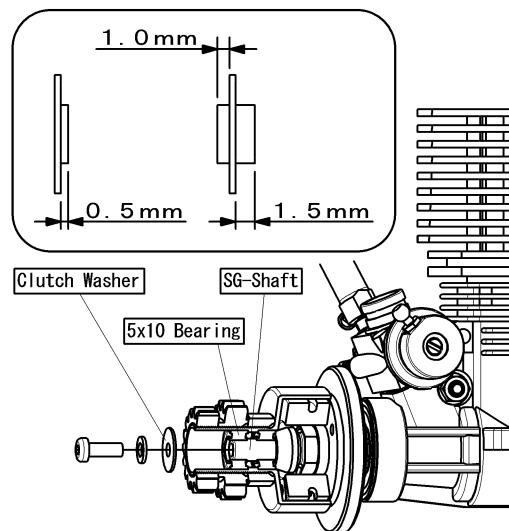
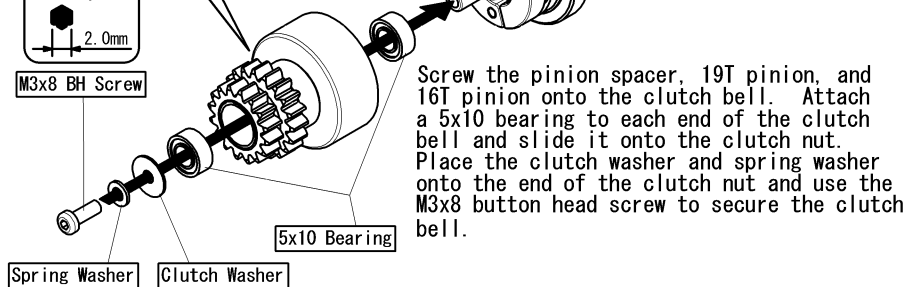
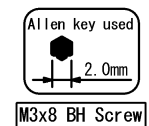
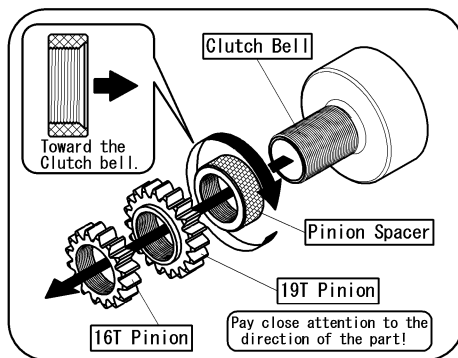
Fly Wheel

Clutch Nut

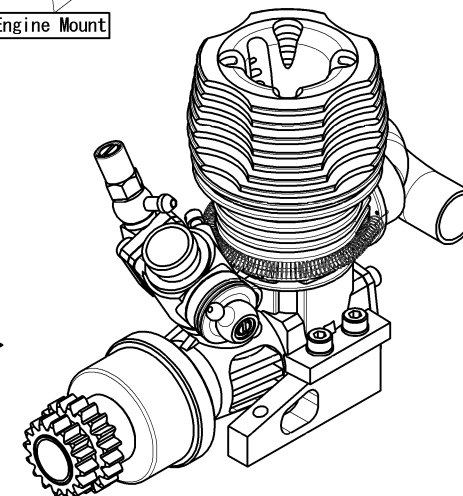
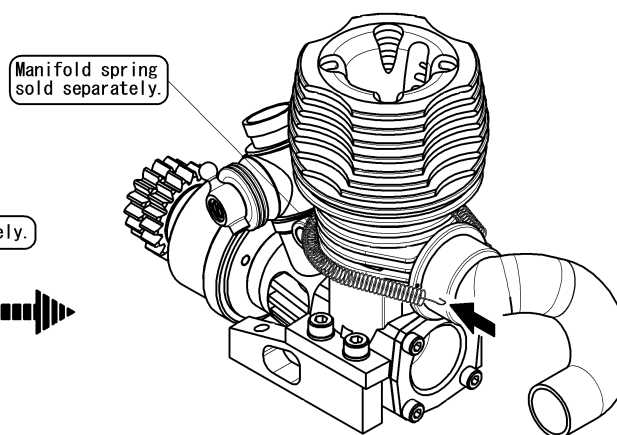
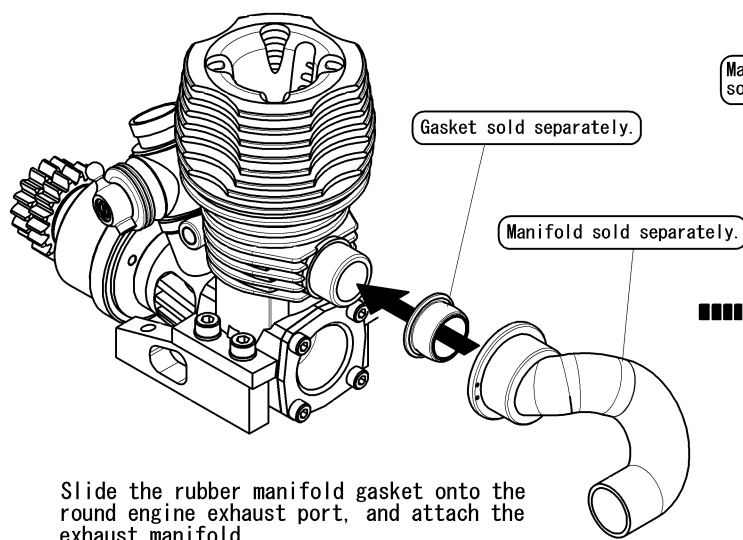
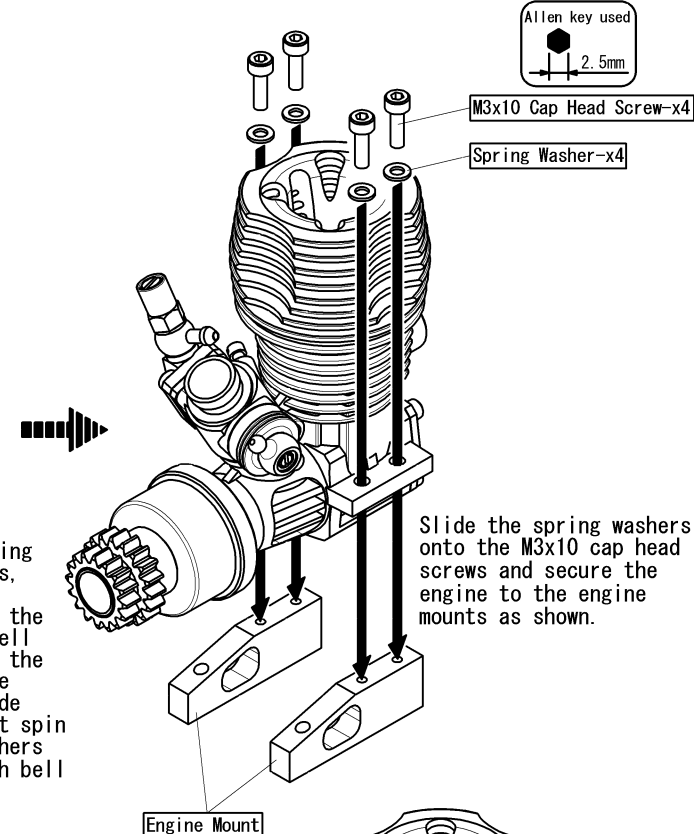
When using a non-picco engine, install the collet washer and 7mm collet onto the crankshaft, followed by the flywheel. Use the clutch nut to secure the flywheel to the crankshaft. Caution! ② Firmly tighten the clutch nut using a 10mm nut driver.

Place the other two clutch shoes onto the pins in same way.

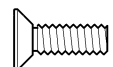
6 Clutch Assembly



The length of the shaft may differ depending on the brand of engine used. In some cases, the edge of the shaft may not extend far enough inside the bearing as indicated in the above drawing. In order for the clutch bell to spin freely, it needs to be secured to the shaft with a slight amount of play. If the notch on the clutch washer does not provide enough clearance, the clutch bell will not spin freely when secured. Try both clutch washers and use the one that will allow the clutch bell to spin freely without too much play.

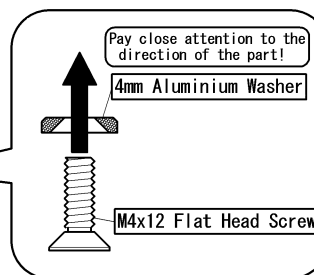
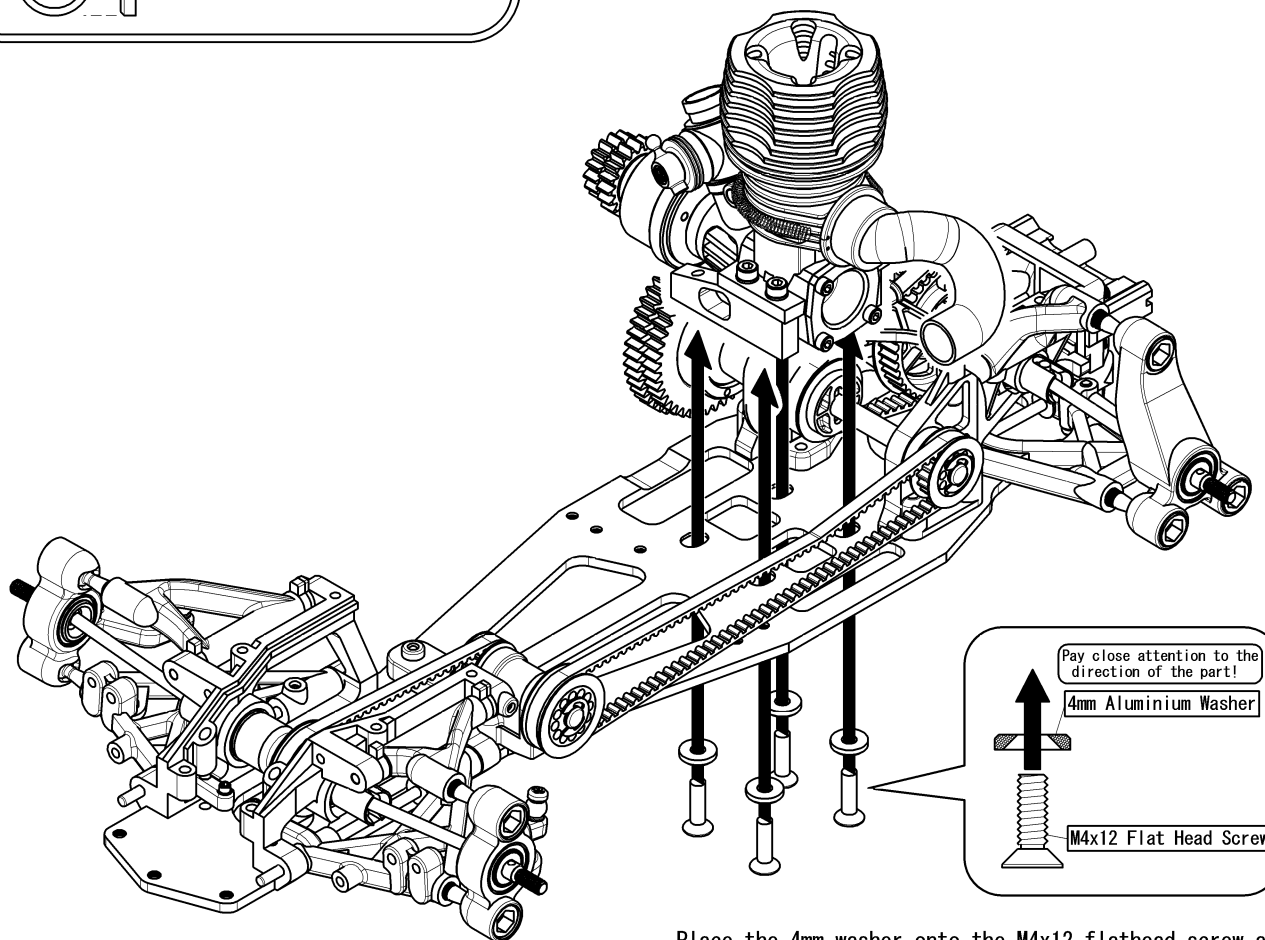


[Bag-6 Contents]

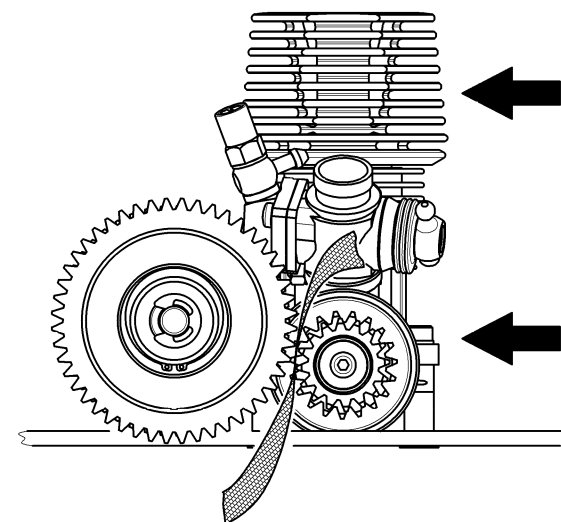
 --×4 M4x12 Flat Head Screw

 --×4 4mm Aluminium Washer

7 Engine Installation



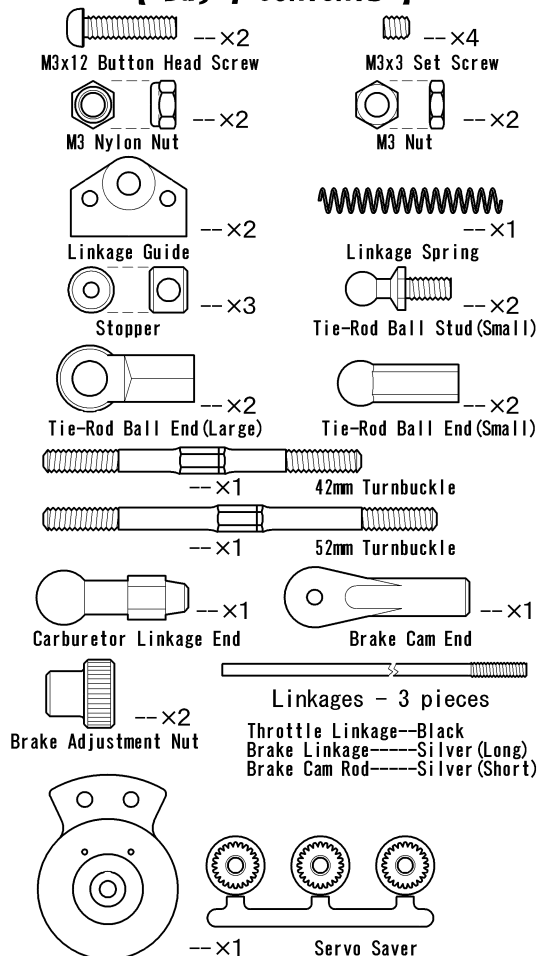
Place the 4mm washer onto the M4x12 flathead screw and attach the engine and engine mount base to the chassis. Do not fully tighten the screws.



To adjust the meshing of the gears, place a strip of paper between the spur gear and the pinion. Move the engine toward the spur gear so that the teeth of the spur gear and pinion mesh together. Rotate the spur gear a couple of times to make sure that the gears are meshing correctly. Tighten the M4x15 flat head screw to secure the engine.

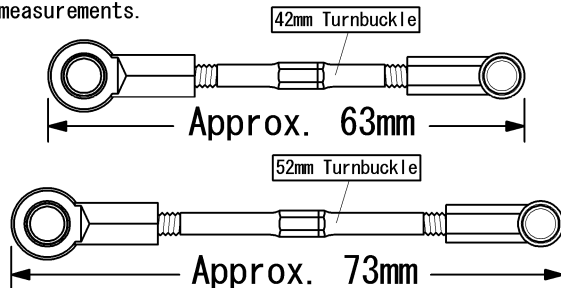
Caution!—Make sure to firmly tighten these screw. Inadequate tightening may cause the screws to loosen when running the car. Incorrect gear mesh will cause excess gear noise and may cause the gears to wear faster. Please make sure to check the gear mesh each time you run the car.

[Bag-7 Contents]

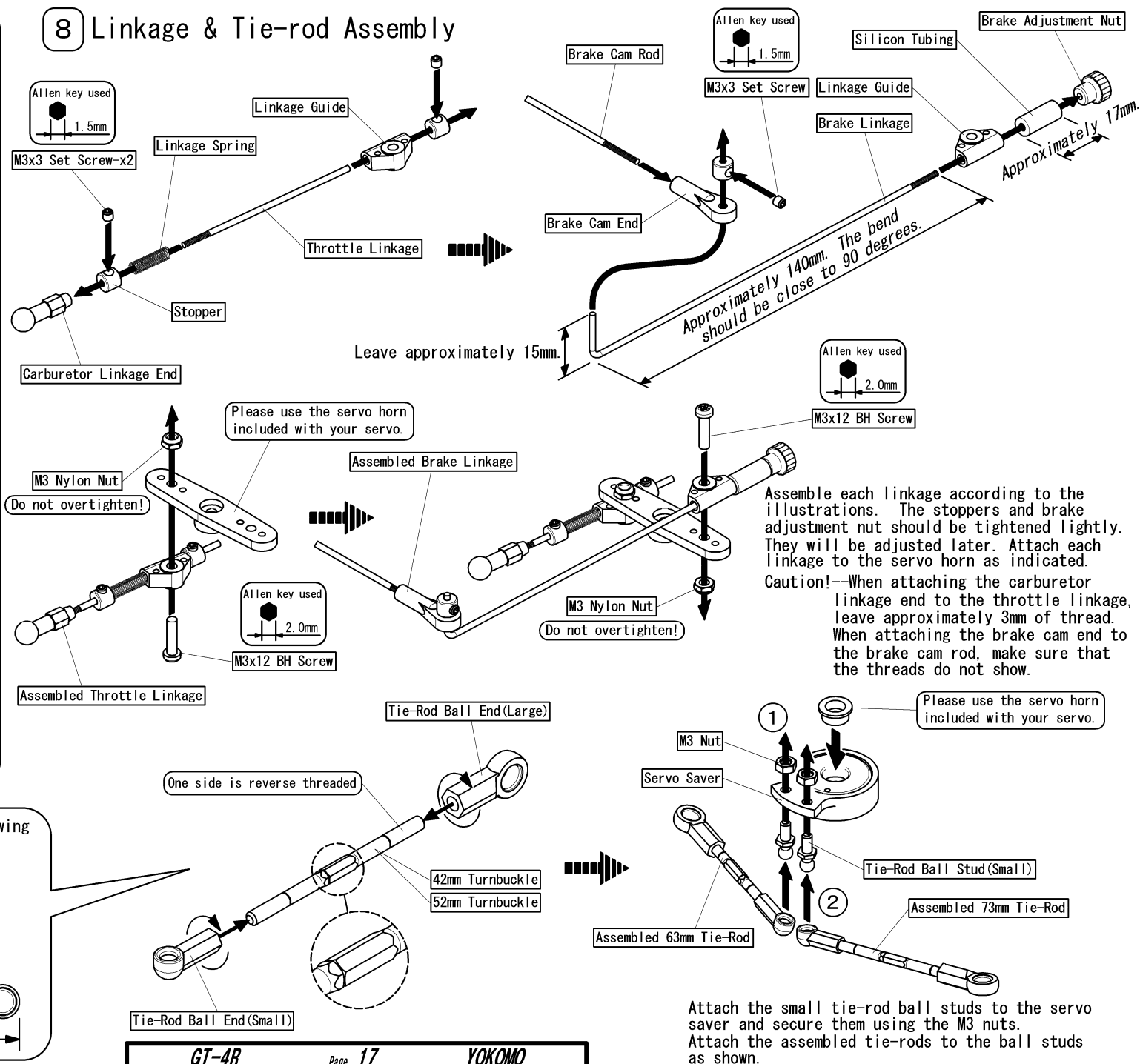


The silicon tubing is included in bag #8.

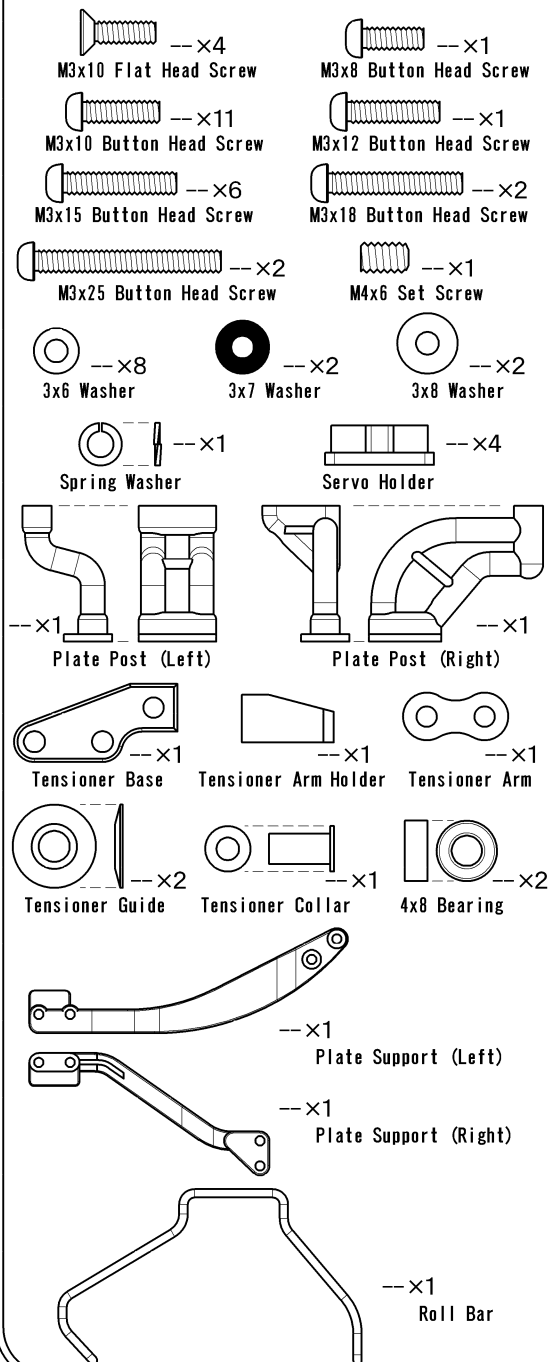
Adjust the lengths of the tie-rods to the following measurements.



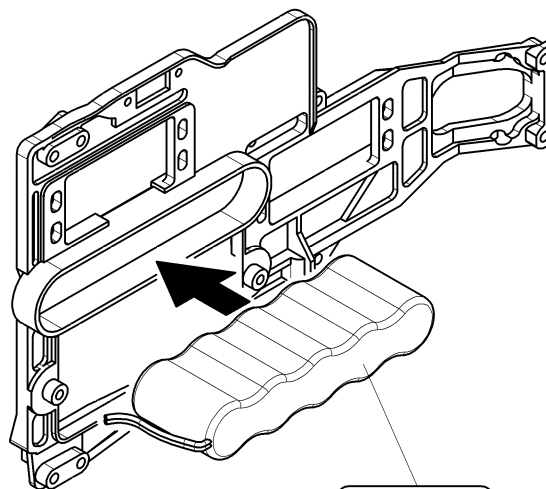
8 Linkage & Tie-rod Assembly



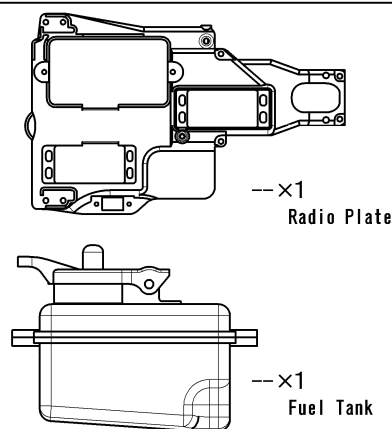
[Bag-8 Contents]



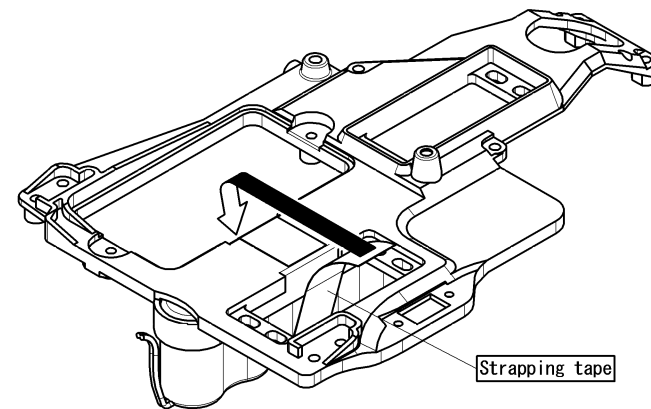
9 Radio Plate Assembly



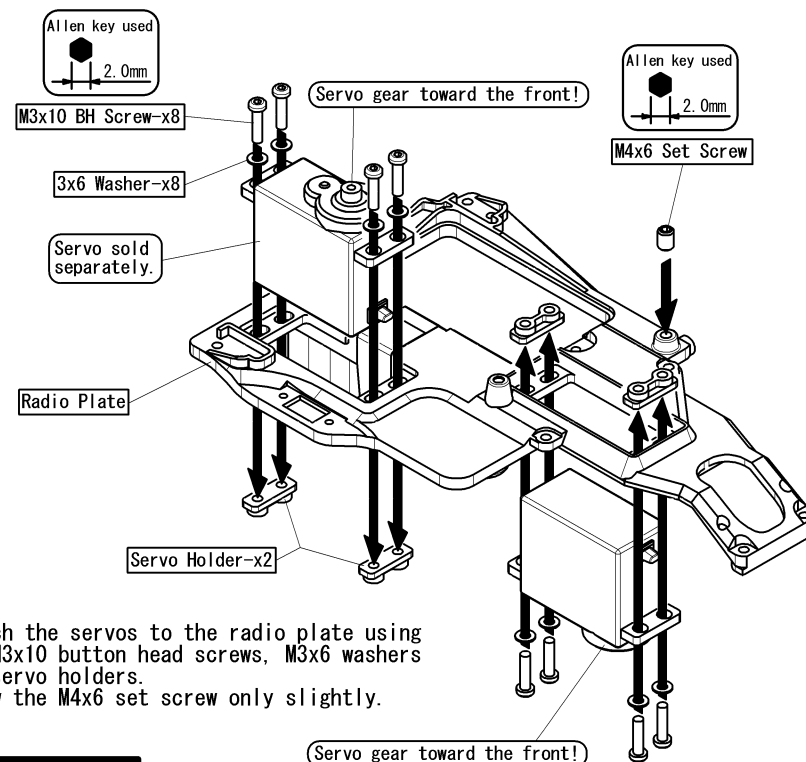
From the bottom, press the receiver battery pack into the radio plate.



Other items such as double-sided tape, antenna pipe, and silicon tubing are also included.

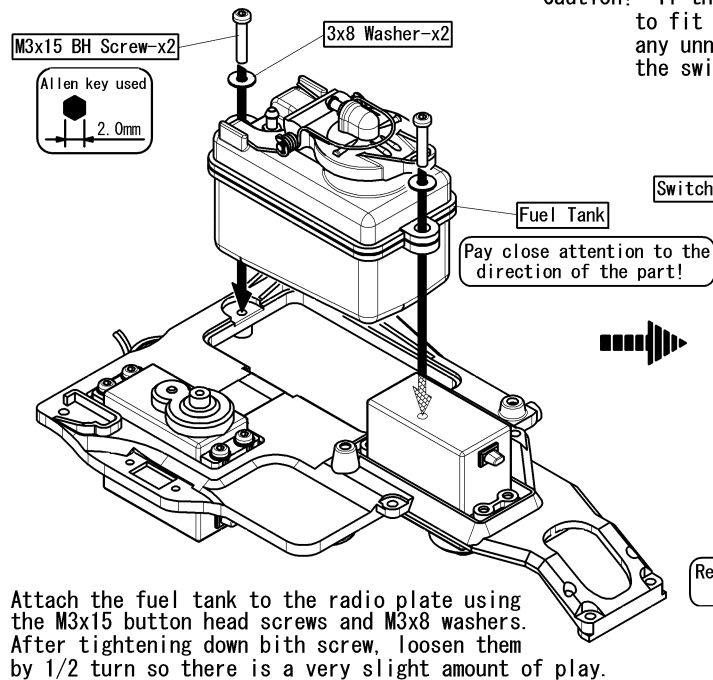


Use strapping tape to tightly secure the receiver battery pack.

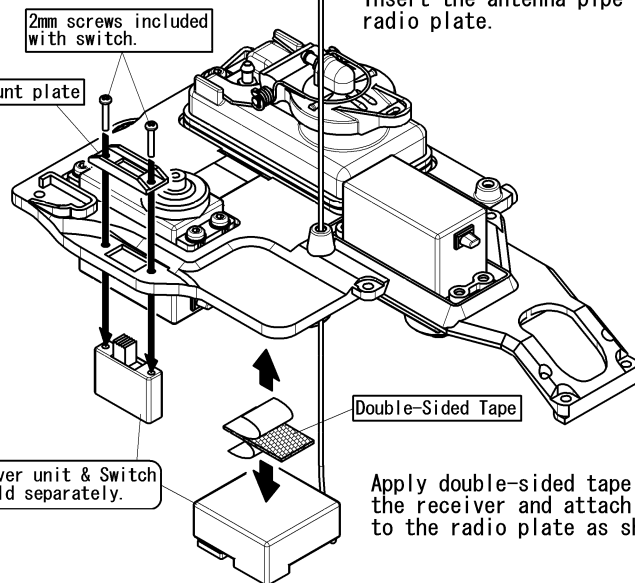


Attach the servos to the radio plate using the M3x10 button head screws, M3x6 washers and servo holders. Screw the M4x6 set screw only slightly.

9 Radio Plate Assembly

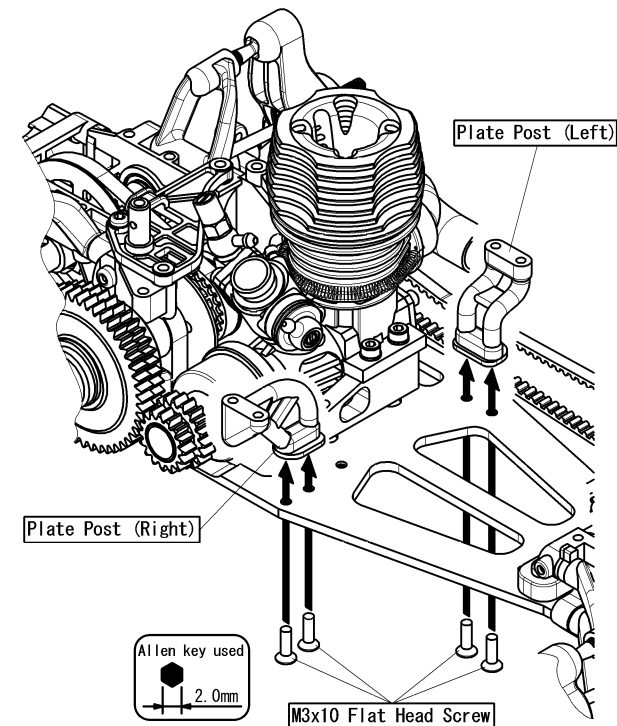


Attach the switch to the radio plate using the 2mm screws included with the switch.
Caution!—If the switch mount is too large to fit on the radio plate, remove any unnecessary material to allow the switch to fit.

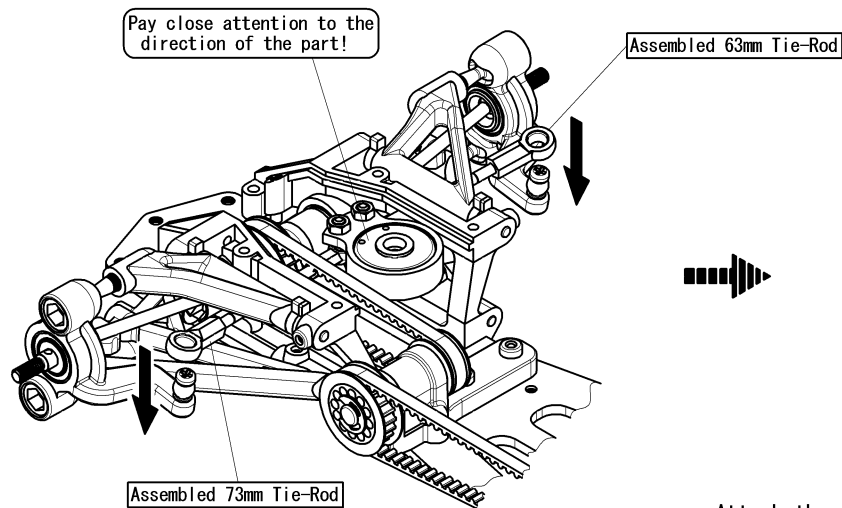


Antenna Pipe

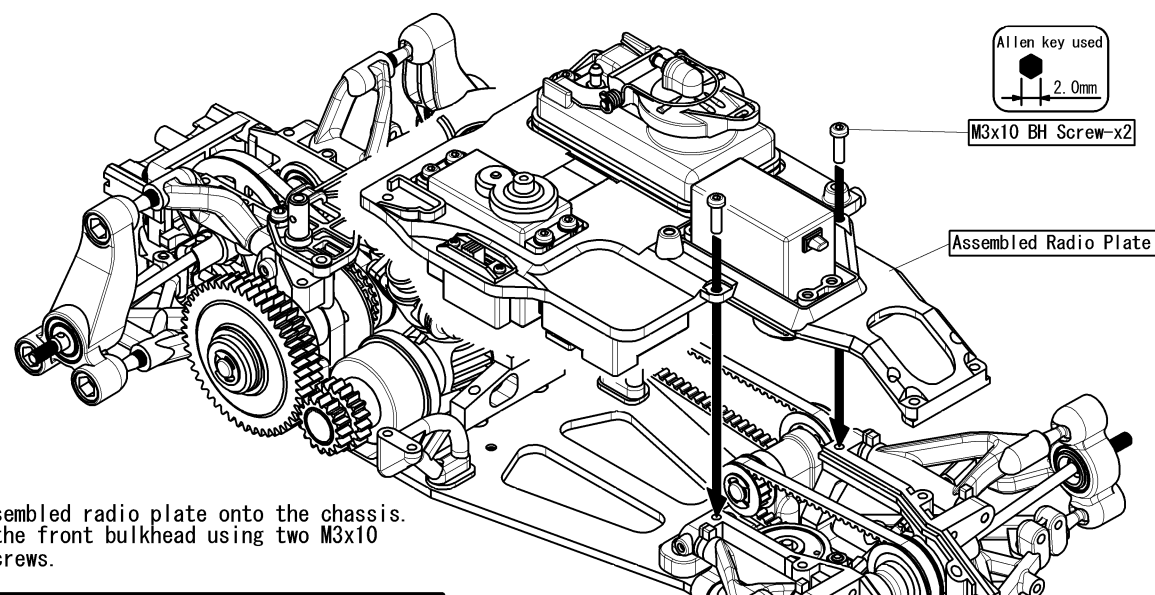
Slide the antenna wire through the radio plate and antenna pipe. Insert the antenna pipe into the radio plate.



Attach the plate posts (left & right) to the main chassis using M3x10 flathead screws.



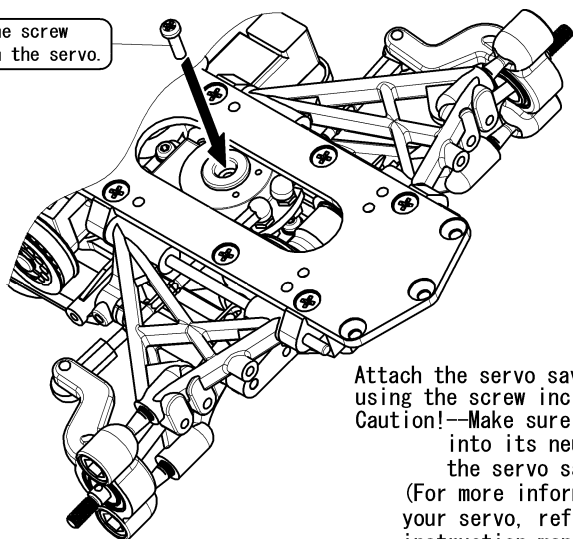
Position the steering tie-rods through the front bulkhead and attach them to the front hub carries as shown.



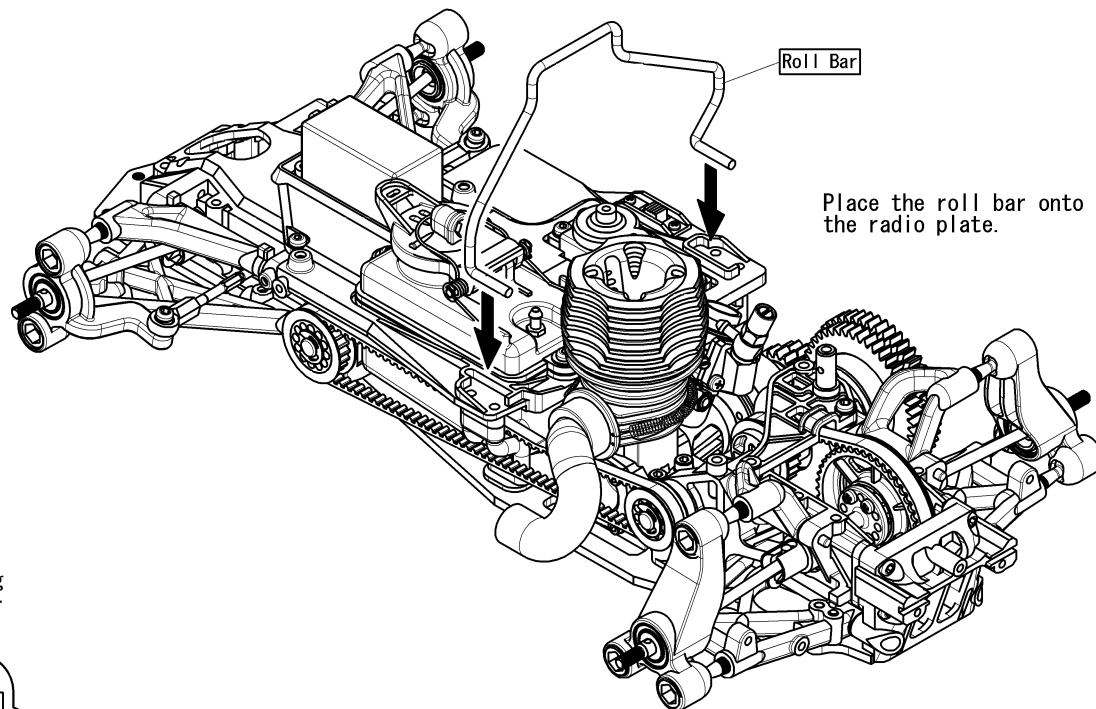
Attach the assembled radio plate onto the chassis. Secure it to the front bulkhead using two M3x10 button head screws.

9 Radio Plate Assembly

Please use the screw included with the servo.

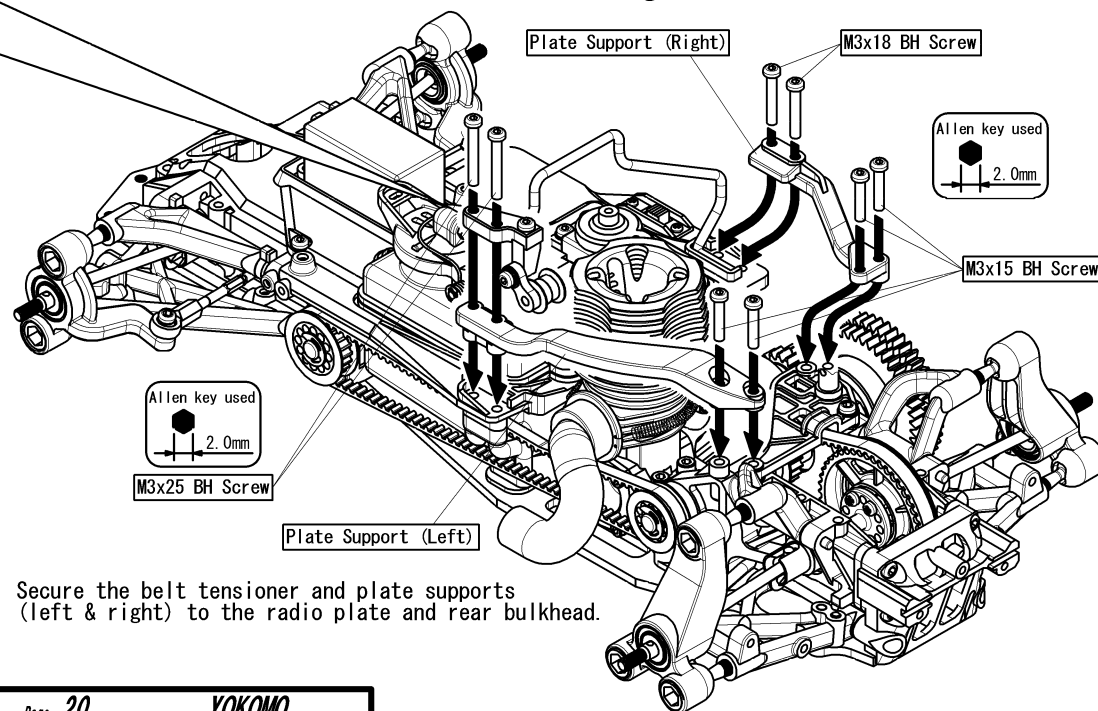
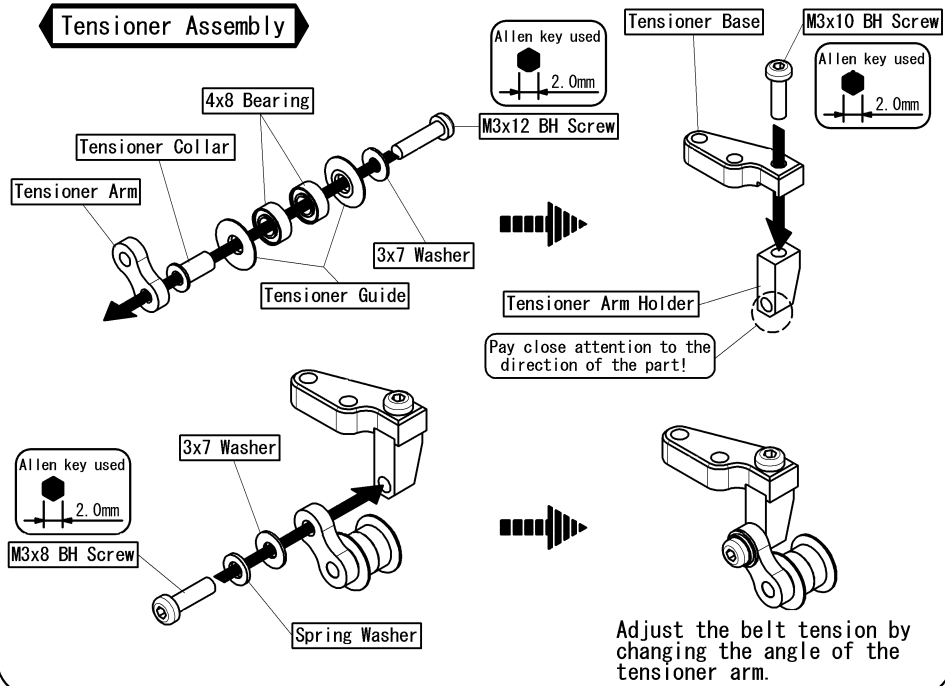


Attach the servo saver to the servo using the screw included with servo. Caution!—Make sure to set the servo into its neutral position before the servo saver is attached. (For more information about centering your servo, refer to your transmitter instruction manual.)

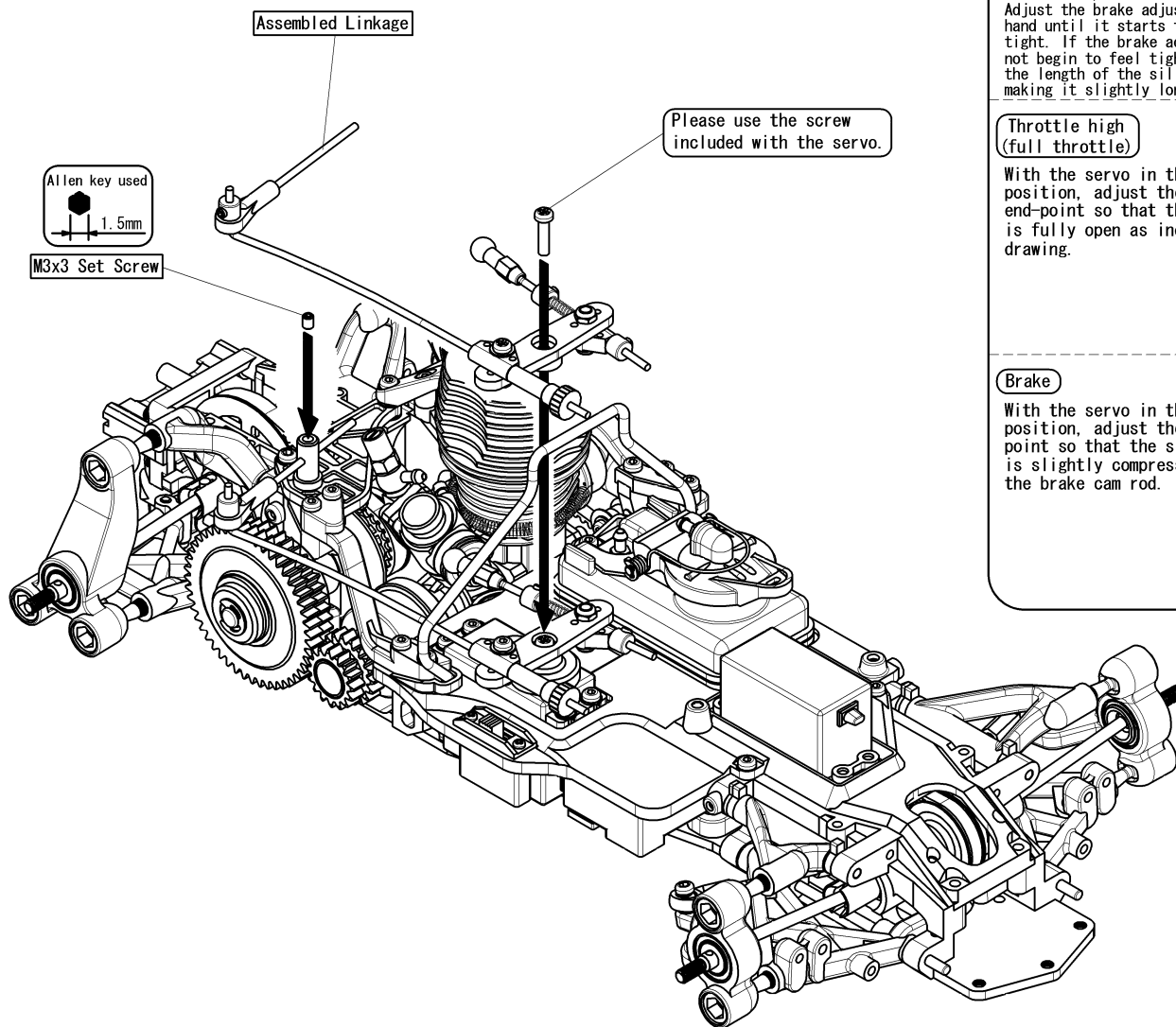


Place the roll bar onto the radio plate.

Tensioner Assembly



10 Linkage Installation

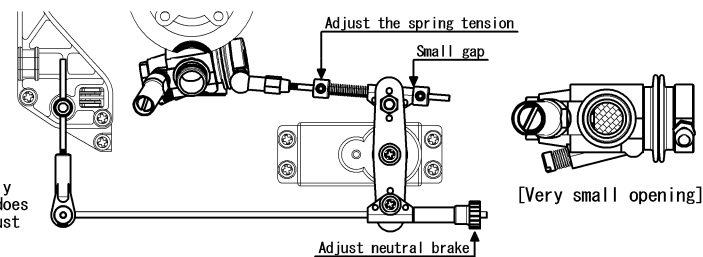


Linkage adjustment

※Adjust the amount of steering throw using the end point adjustment (EPA) on your transmitter.

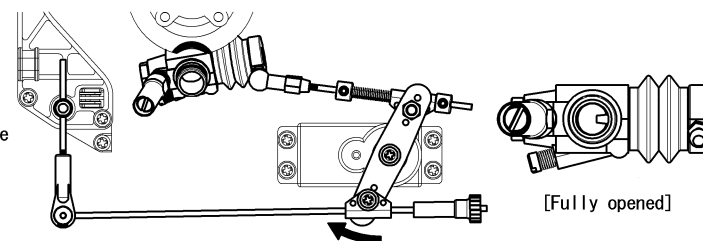
Neutral

With servo in the neutral position, a small gap should exist between the linkage guide and the stopper. (If the spring is too long and provides too much tension, adjust the length of the spring by cutting it shorter.)
Adjust the brake adjustment nut by hand until it starts to feel slightly tight. If the brake adjustment nut does not begin to feel tight at all, adjust the length of the silicon tubing by making it slightly longer.



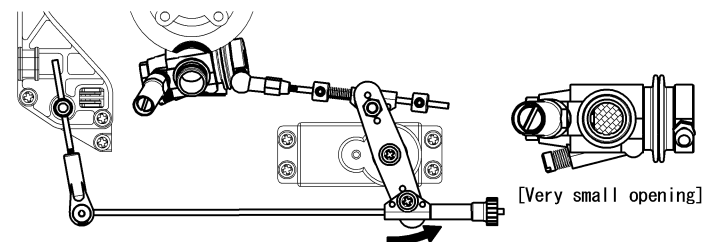
Throttle high (full throttle)

With the servo in the throttle position, adjust the throttle end-point so that the carburetor is fully open as indicated in the drawing.



Brake

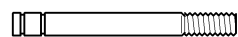
With the servo in the full brake position, adjust the brake end-point so that the silicon tubing is slightly compressed against the brake cam rod.



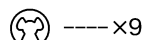
Insert the brake cam rod from the assembled linkage through the brake cam and secure it using the M3x3 set screw. Attach the carburetor linkage end to the ball on the carburetor, and secure the servo horn to the servo using the screw included with the servo.

Caution! — Make sure to set the servo into its neutral position before the servo saver is attached. (For more information about centering your servo, refer to your transmitter instruction manual.) Once all the linkages have been attached, follow the 'Linkage adjustment' steps above.

[Bag-9 Contents]



--x4 Shock Shaft



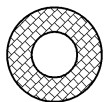
----x9 2mm E-Ring



--x2 Front Shock Spring (Gray)
--x2 Rear Shock Spring (Yellow)



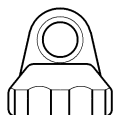
---x8 Shock Inner O-Ring (Small)



--x4 Shock Sponge



--x4 Shock Outer O-Ring (Large)

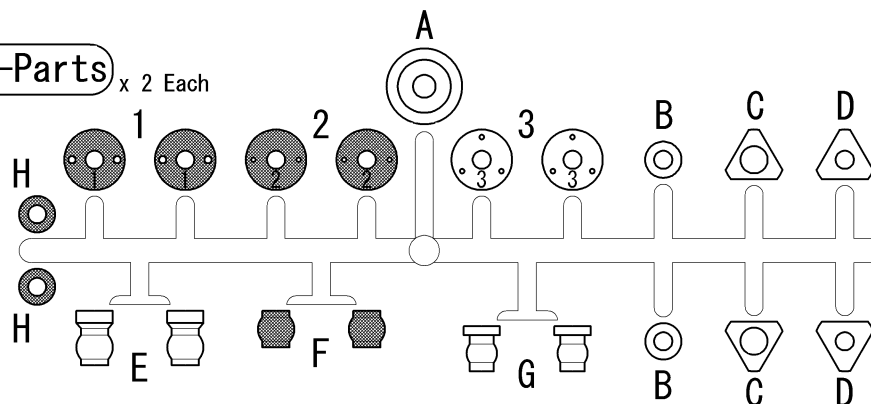


--x4 Shock Cap

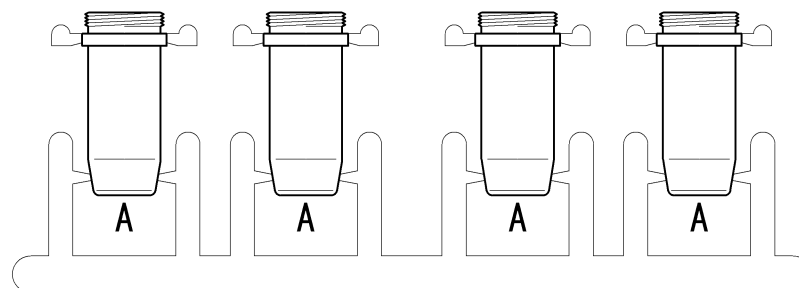


--x4 M2.5 Tapping Screw

A-Parts x 2 Each

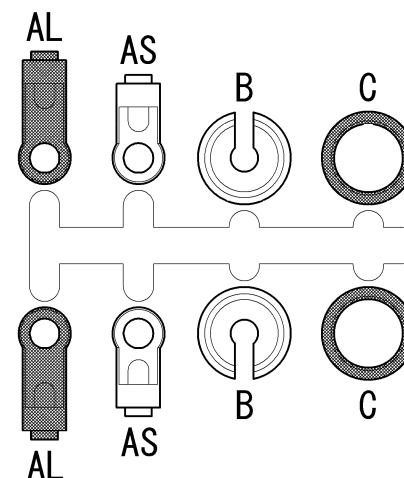


B-Parts x 1 Each

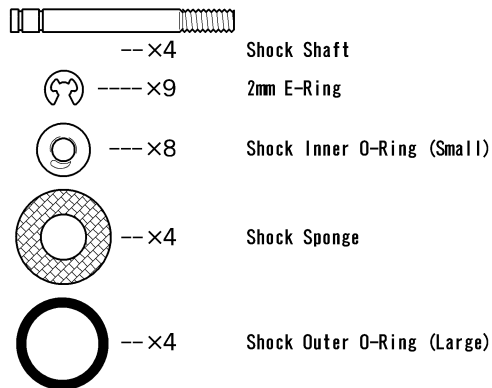


※ Shaded parts are not used.

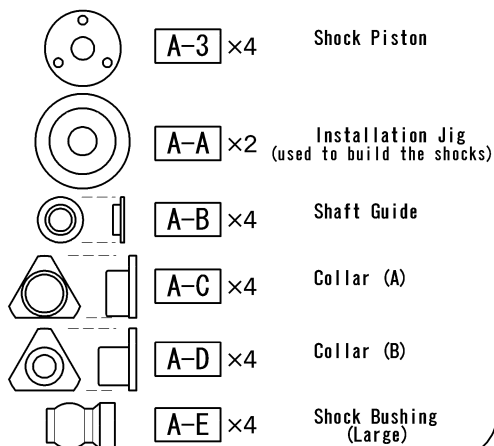
C-Parts x 2 Each



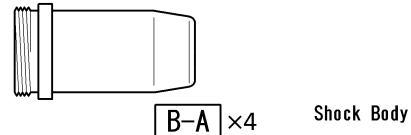
[Parts used on this page]



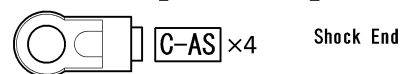
[A-Parts]



[B-Parts]

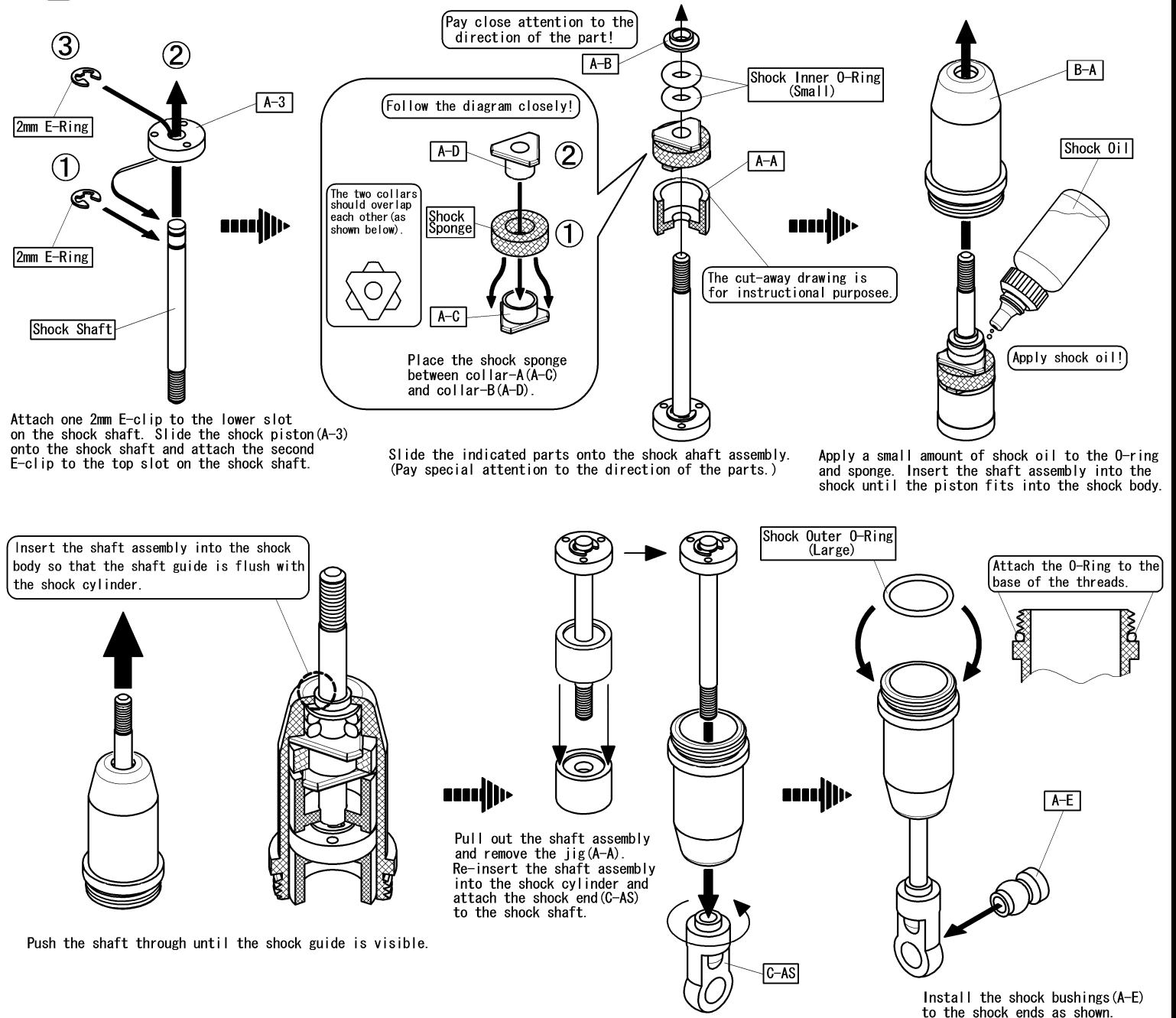


[C-Parts]



Shock oil is included in bag-5

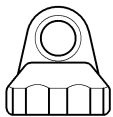
11 Front & Rear Shock Assembly (Instructions apply to all four shocks)



[Parts used on this page]



--x2 Front Shock Spring (Gray)
--x2 Rear Shock Spring (Yellow)



--x4 Shock Cap

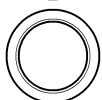


--x4 M2x5 Tapping Screw

[C-Parts]



C-B x4 Spring Retainer



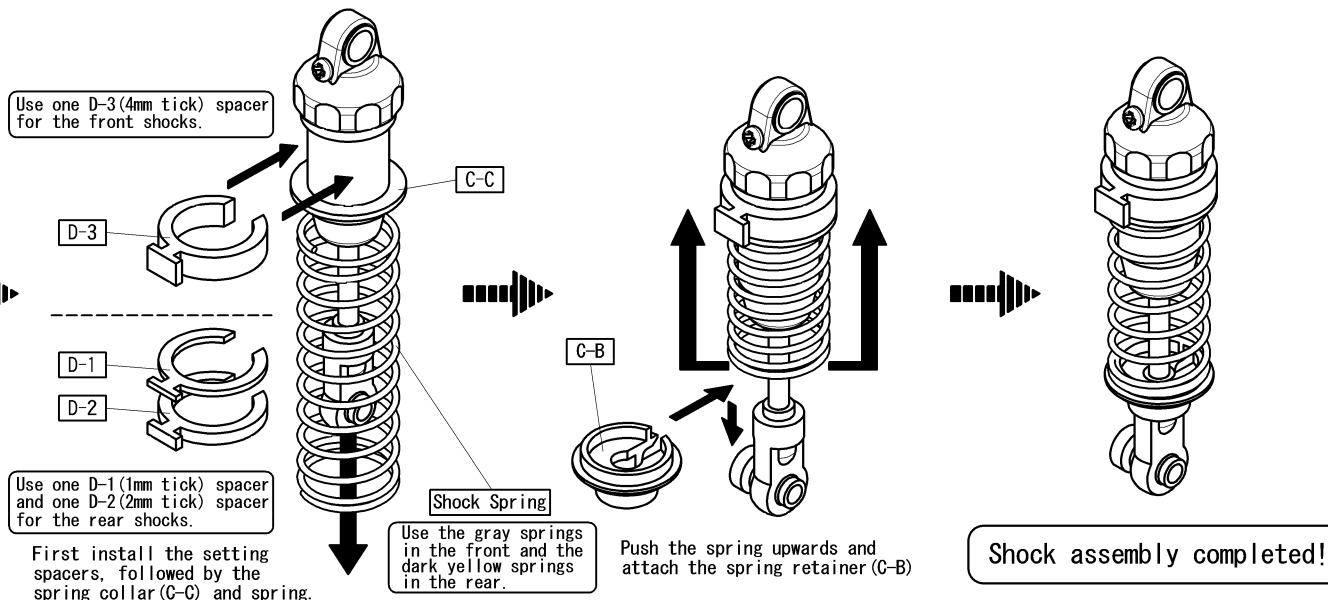
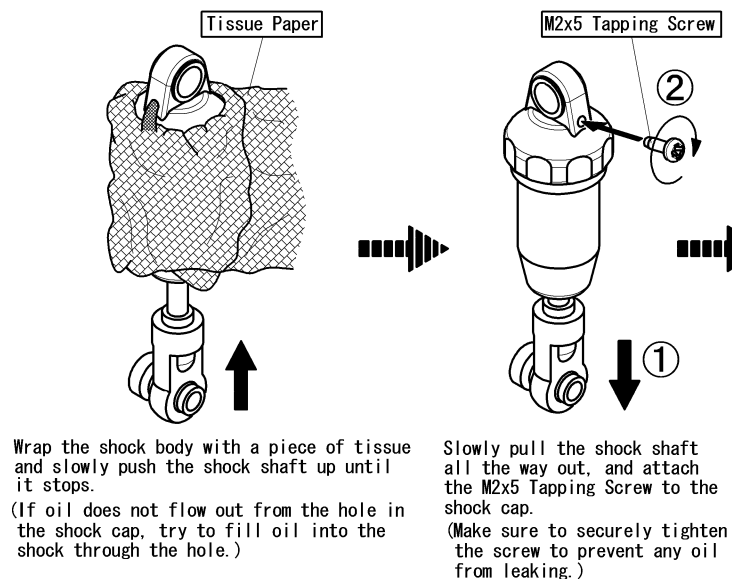
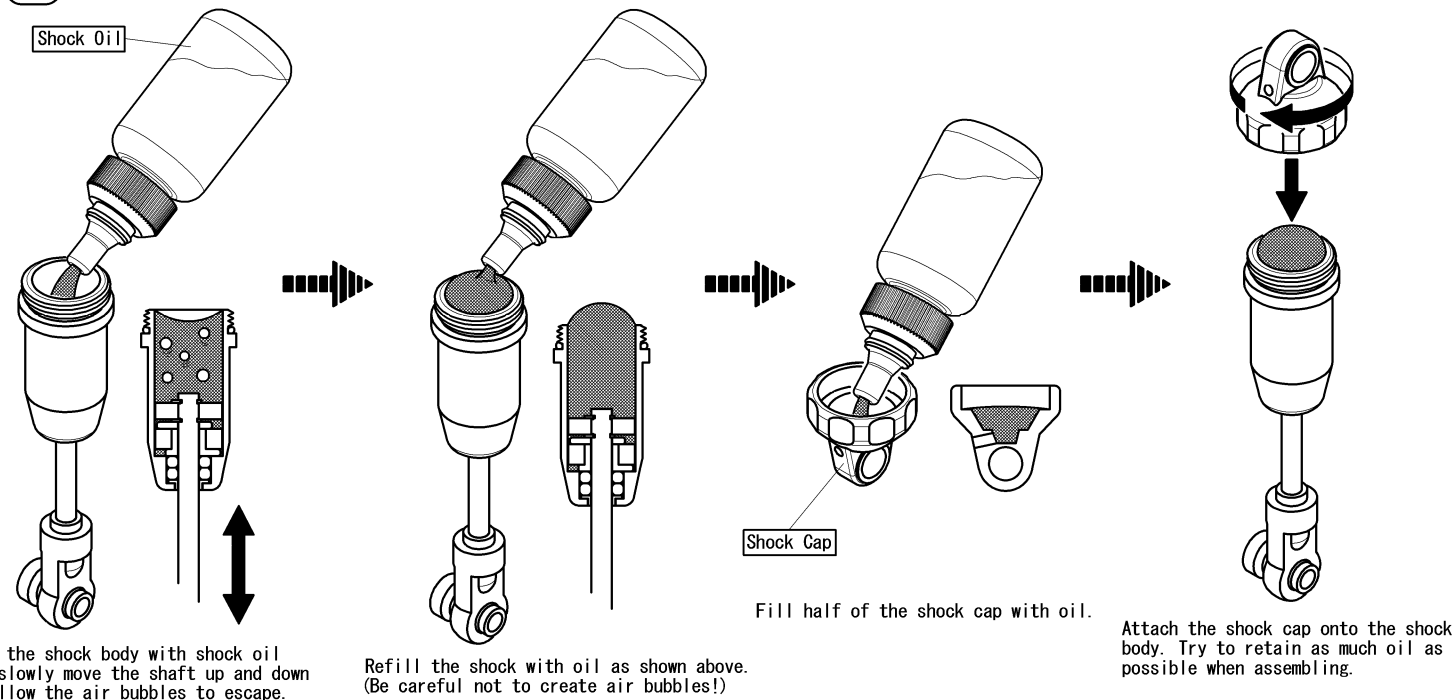
C-C x4 Spring Collar

[D-Parts]

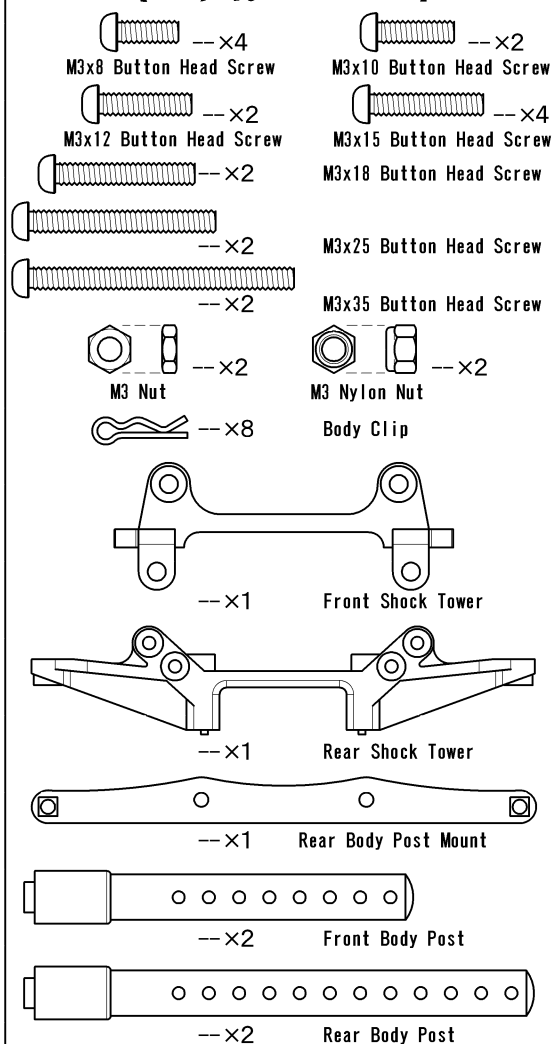


D-1~3 2 Each Setting Spacer

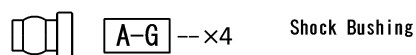
11 Front & Rear Shock Assembly (Instructions apply to all four shocks)



[Bag-10 Contents]



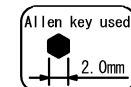
[A-Parts]



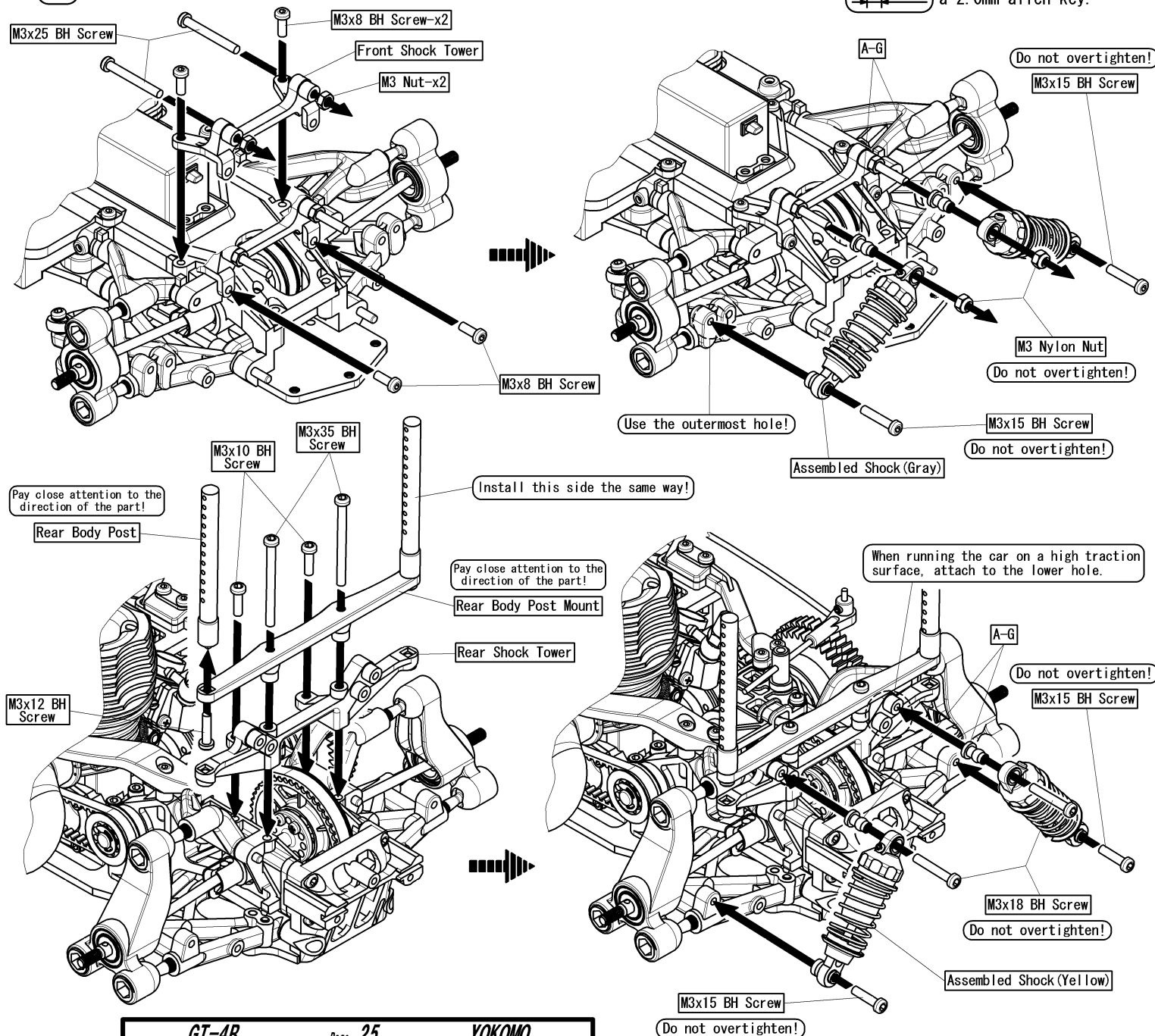
Foam and polycarbonate washers are included.

Attach the assembled shocks to the front and rear shock towers.
Caution! — Over tightening the screws used to mount the shocks may cause the shock bushings to deform. This may cause the shocks to bind and operate improperly.

12 Front & Rear Shock tower and shock installation

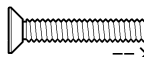


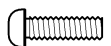
All of the steps on this page require the use of a 2.0mm allen key.

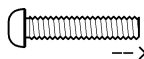


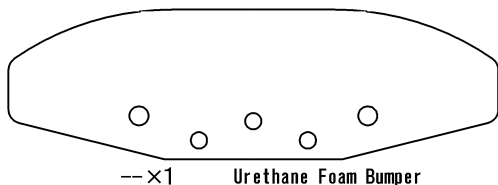
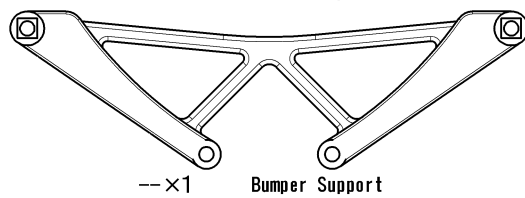
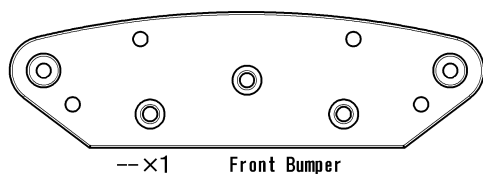
[Bag-11 Contents]

 --×3 M3.5x10 Flat Head Tapping Screw

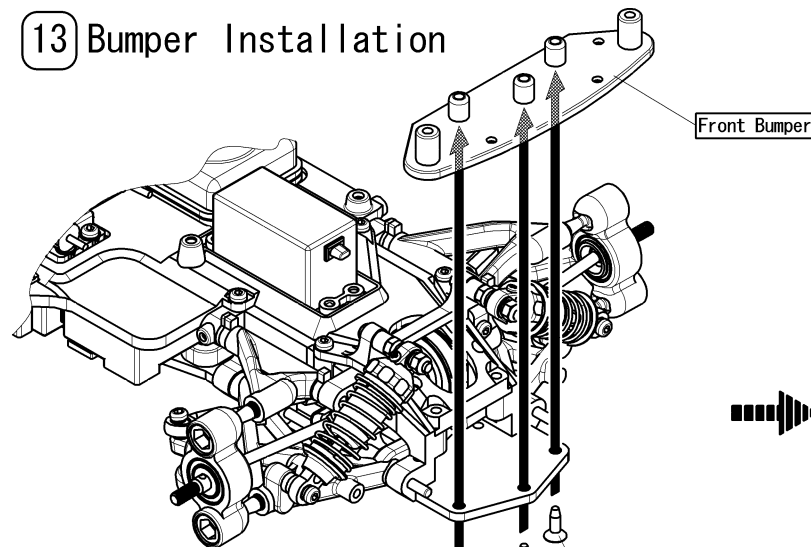
 --×2 M3x18 Flat Head Screw

 --×2 M3x10 Button Head Screw

 --×2 M3x15 Button Head Screw



13 Bumper Installation

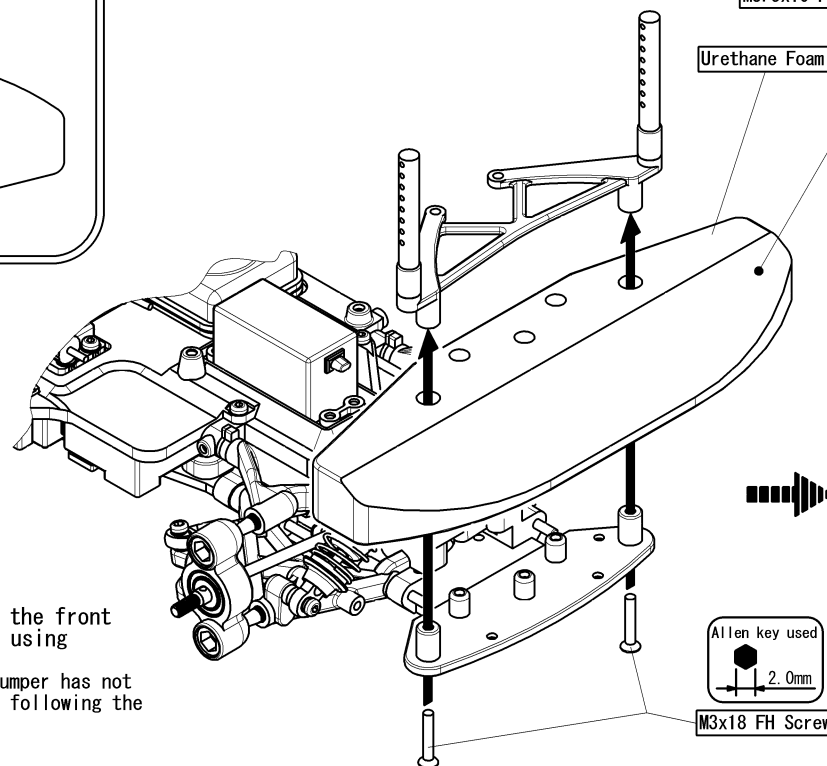


Attach the front bumper to the chassis using three M3.5x10 flathead screws.

M3.5x10 Flat Head Tapping Screw

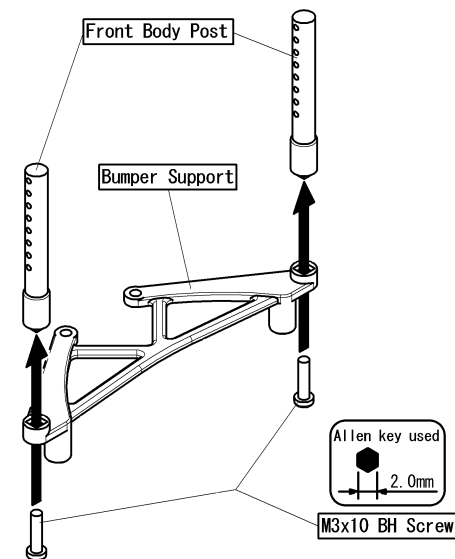
Urethane Foam Bumper

Follow the contour of the body and cut at an angle.



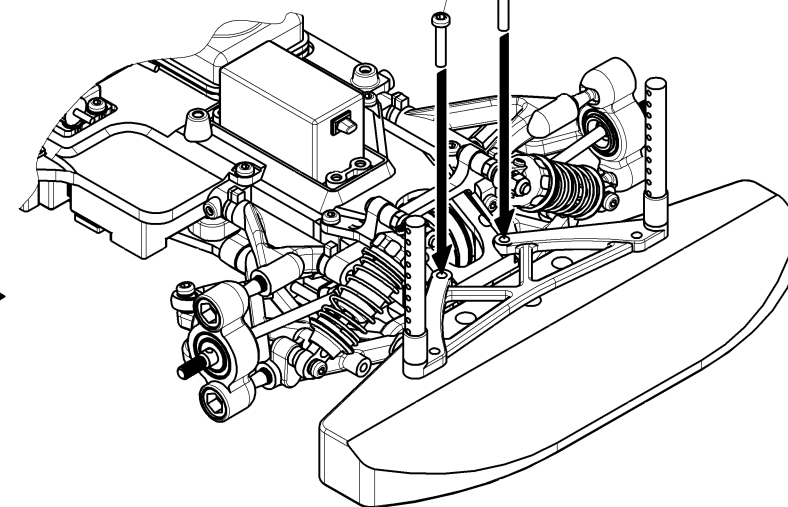
Press the urethane foam bumper onto the front bumper and attach the bumper support using M3x18 flathead screws.

Caution! — The front edge of the foam bumper has not been cut. Please cut the bumper following the contour of the body.



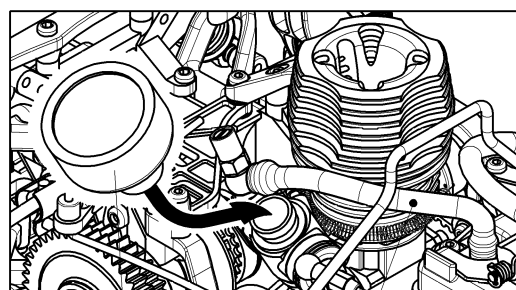
Allen key used
2.0mm

M3x15 BH Screw



Secure the bumper support to the front bulkhead using two M3x15 button head screws.

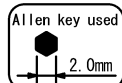
14 Muffler & Fuel Tubing & Air Filter Installation



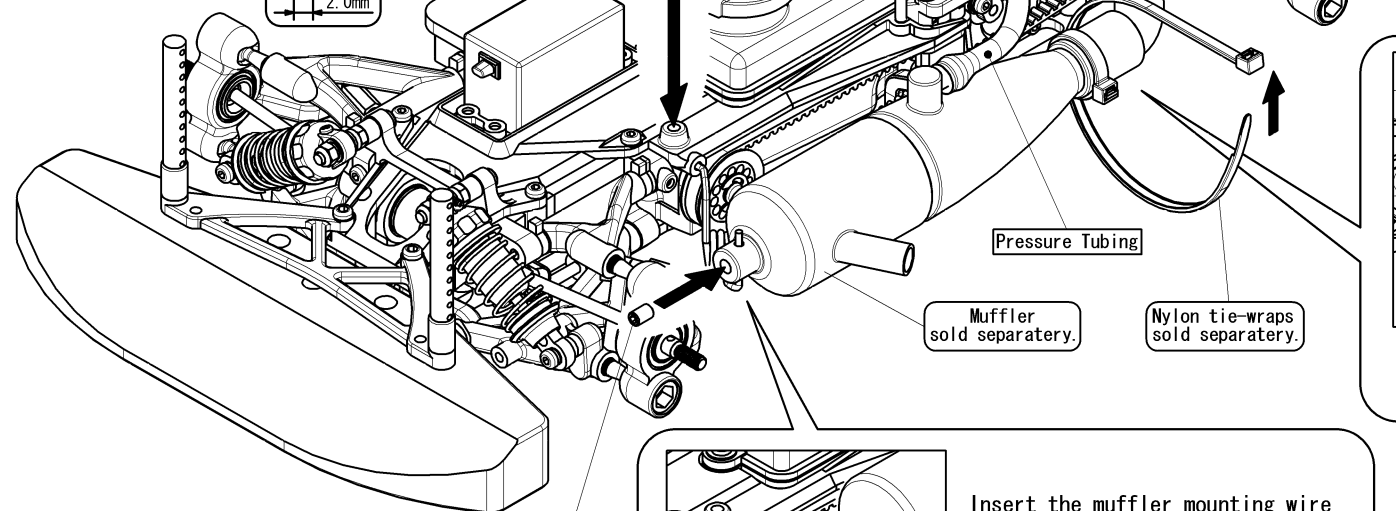
Air filter
sold separately.

Fuel Tubing

M4x6 Set Screw



Allen key used
2.0mm

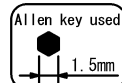


Pressure Tubing

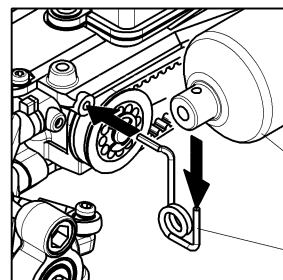
Muffler
sold separately.

Nylon tie-wraps
sold separately.

M3x4 Set Screw



Allen key used
1.5mm



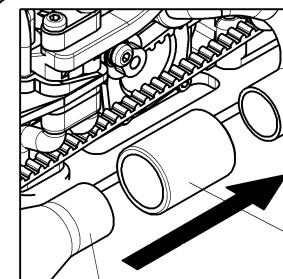
Insert the muffler mounting wire
into the radio plate and attach
the assembled muffler to the wire.

Muffler
sold separately.

Muffler mounting wire
sold separately.

Once the muffler has been connected to the manifold using the coupler, use two nylon-wraps to strap the coupler tightly to the muffler and manifold. Use M3x4 set screws to secure the muffler and mounting wire. Cut the silicon tubing to the appropriate length and attach the tubing to the fuel and pressure fittings as indicated in the illustration. Attach the air filter to the carburetor opening.

Caution!—The muffler receives direct vibrations from the engine and must be securely attached.



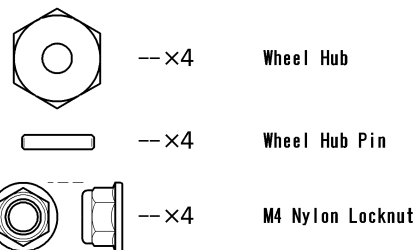
Manifold

Insert the muffler and
manifold firmly into the
coupler.

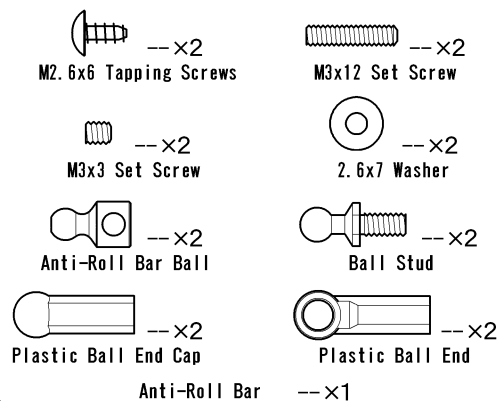
Coupler
sold separately.

Muffler
sold separately.

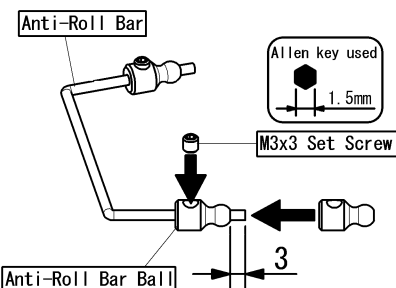
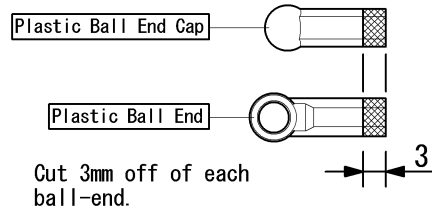
[Bag-13 Contents]



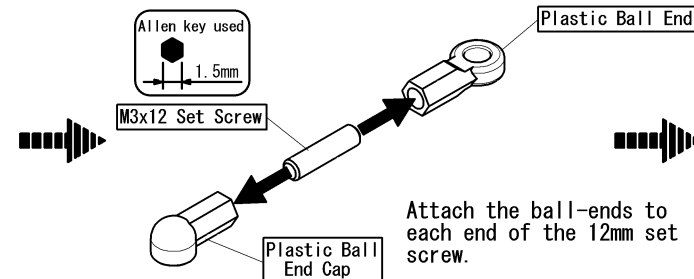
[Rear Anti-Roll Bar]



15 Rear anti-roll bar and tire installation

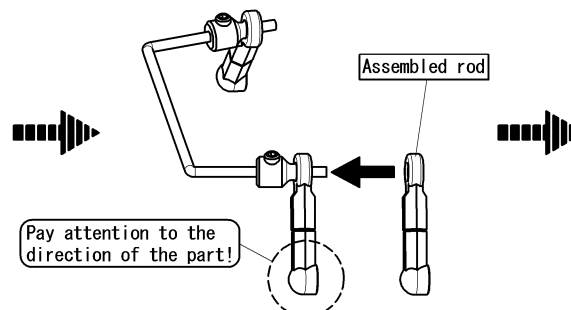
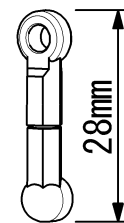


Slide the anti-roll bar ball onto the anti-roll bar so that 3mm of the bar extends out of the ball. Use the M3x3 set screws to secure the ball onto the bar. (Do the same for the opposite end.)

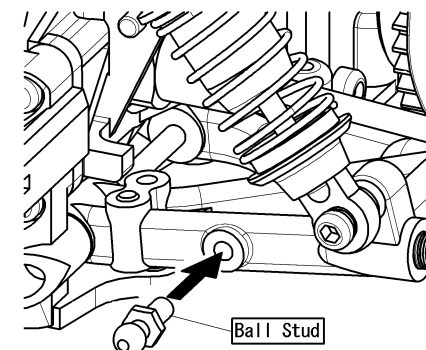


Attach the ball-ends to each end of the 12mm set screw.

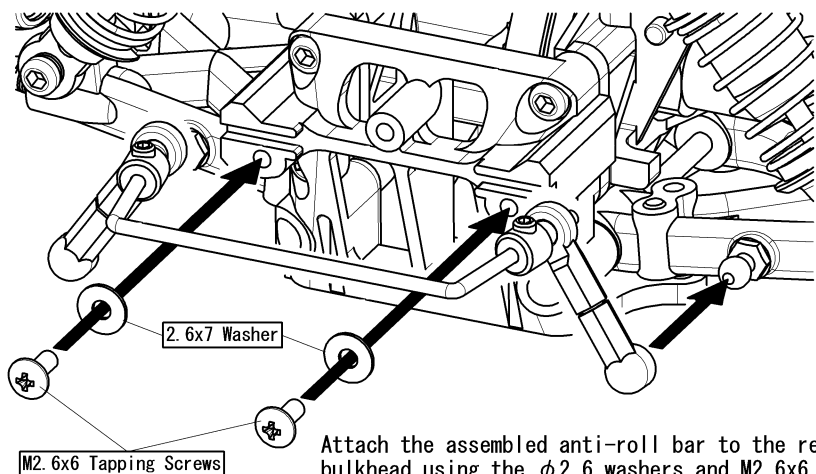
Adjust the rod length to 28mm. (Assemble 2 rods.)



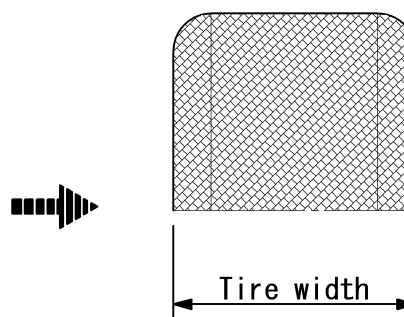
Attach the assembled rods to the anti-roll bar ball. (Do the same for the opposite end.)



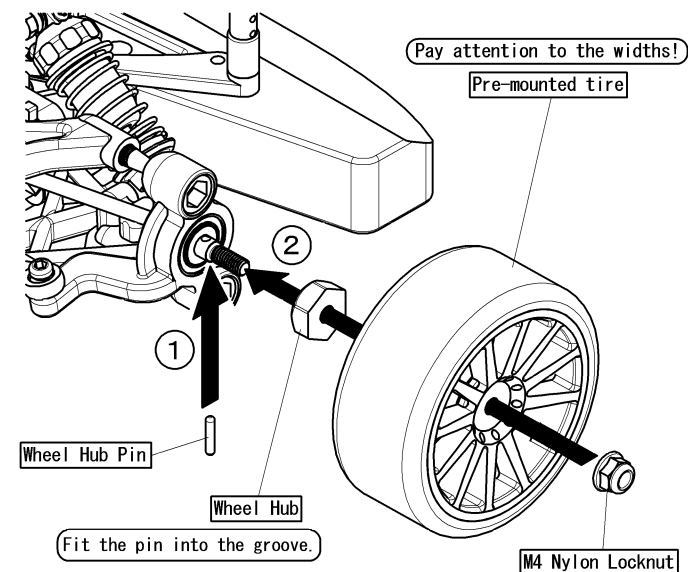
Attach the ball stud to the rear lower arm. (Repeat this step for both left and right sides.)



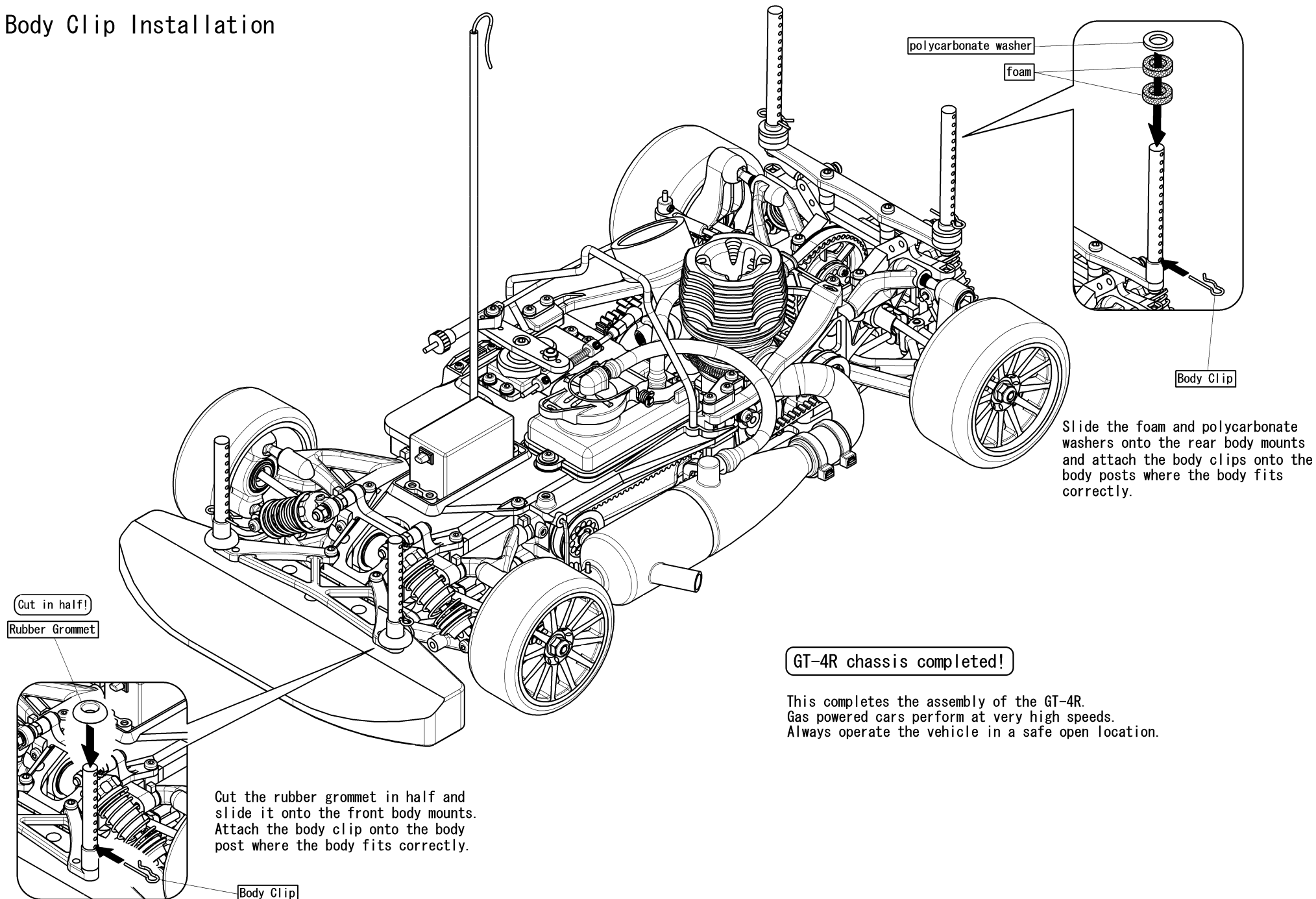
Attach the assembled anti-roll bar to the rear bulkhead using the $\phi 2.6$ washers and M2.6x6 tapping screws. Attach the ball end to the ball stud to complete the installation.



The pre-mounted tires have different widths for the front and rear. The narrow (26mm) tire is for the front, and the wide (32mm) tire is for the rear.



16 Body Clip Installation



GT-4R chassis completed!

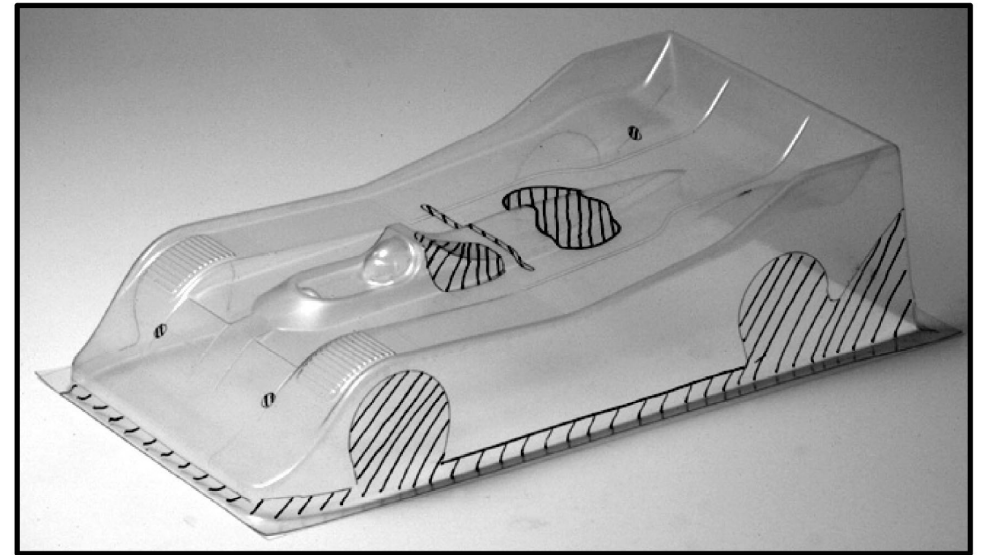
This completes the assembly of the GT-4R.
Gas powered cars perform at very high speeds.
Always operate the vehicle in a safe open location.

17 Cutting out the body

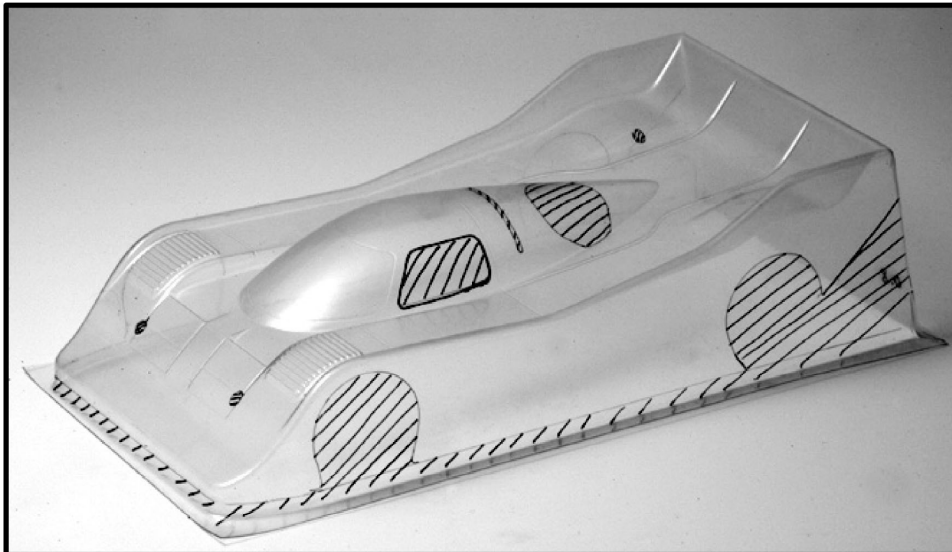
Body cutting①

- Line the body with the assembled chassis and cut out the fuel tank, engine and roll-bar openings.
- ※Cut out each opening so that the body does not rub.
- Open four 6mm holes for the body mounts.

Cutting areas for the TARO GT-ONE body



Cutting areas for the HANAKO GT-P body



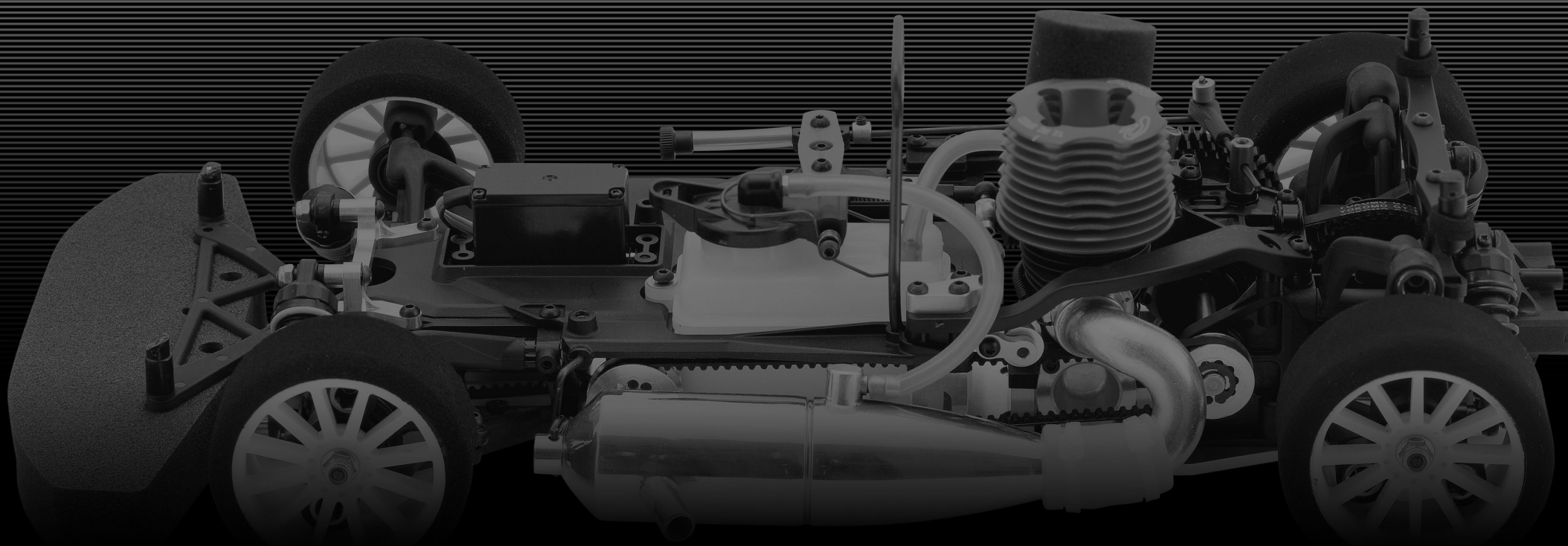
Body cutting②

- Attach the body to the chassis and use a tire to outline a circle for the wheel arch areas. Cut out the wheel arch areas so that the front spoiler and side areas do not rub against the ground.
- Open a 10mm hole on the side of the body for the exhaust opening.

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Yokomo will continue to provide the best available technology to R/C enthusiasts all over the world.

Enjoy this product knowing that you are driving one of the best handling R/C cars ever designed.



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TEL 03-5613-7553 FAX 03-5613-7552 営業時間：9時～12時 13時～17時（祝祭日を除く月～金）

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