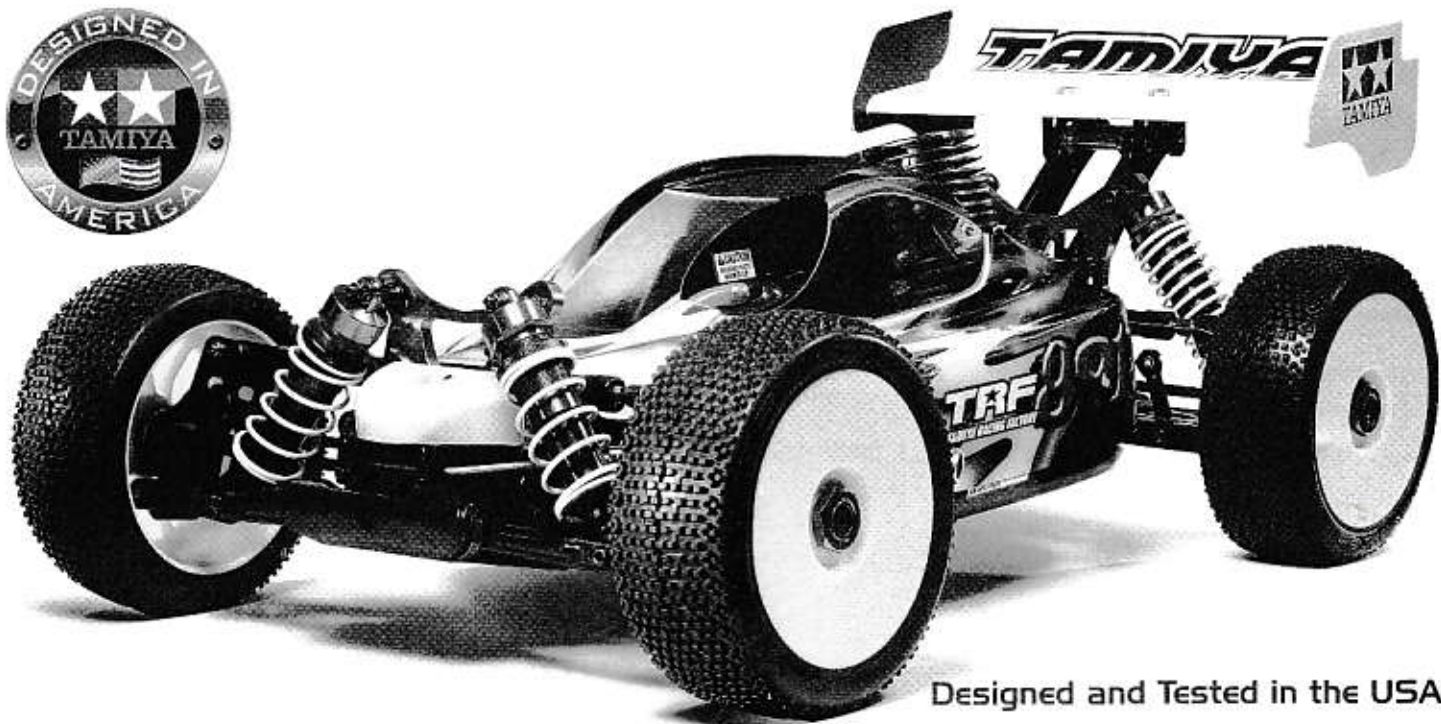


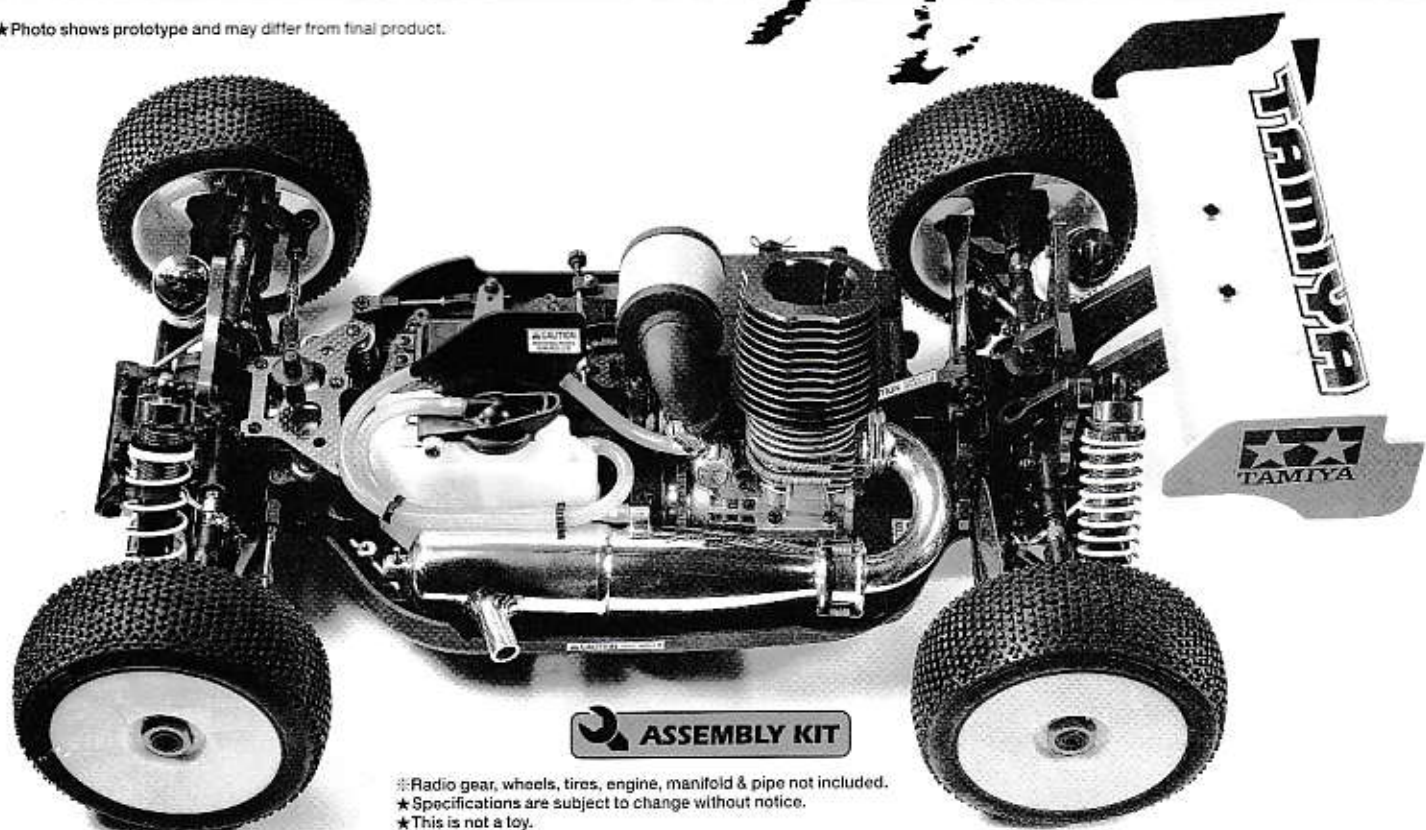
# 1/8 Scale Nitro Fuel Powered Radio Controlled Race Buggy Chassis Kit



Designed and Tested in the USA

## TRF801X TAMIYA RACING FACTORY

★ Photo shows prototype and may differ from final product.



**ASSEMBLY KIT**

- ※ Radio gear, wheels, tires, engine, manifold & pipe not included.
- ★ Specifications are subject to change without notice.
- ★ This is not a toy.

TAMIYA AMERICA, INC.



TAMIYA, INC.



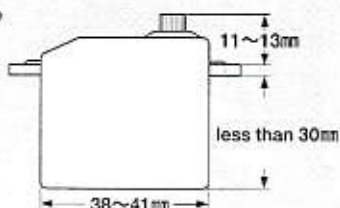
## ITEMS REQUIRED

### 《RADIO CONTROL UNIT》

2-channel, 2-servo R/C unit for glow engine car is recommended for this model. Use servo with torque output over 6.5kg-cm.

★Refer to the instruction manual included with the R/C unit.

Suitable servo size



★Small size servo cannot be installed.

### 《GLOW ENGINE & MUFFLER》

Engines of 21-28 class displacements can be mounted on this chassis. Muffler and manifold are separately required.

### 《GLOW ENGINE FUEL & ENGINE STARTING EQUIPMENT》

Use only glow engine fuel. To ensure top performance and protection of your engine, use glow engine fuel Tamiya TG-Fuel Super. Engine starter box and engine starting equipment are necessary for starting engine. They will allow easy starting and operation of your engine.

### 《TIRES & WHEELS》

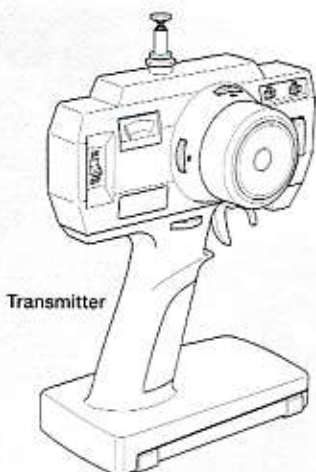
Tires and wheels are not included in this kit. 1/8 scale buggy tires and 0 offset wheels for 17mm wheel hubs are separately available. Wheels wider than 1.75 inches are not compatible.

Polycarbonate paints

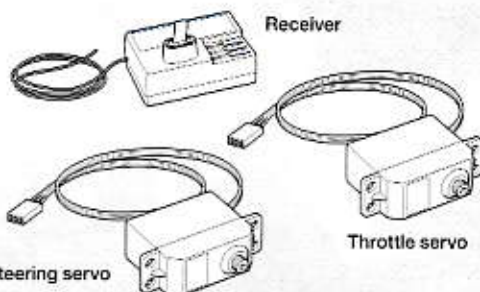
★Prepare polycarbonate paints to paint body as you wish.



2-channel, 2-servo R/C unit



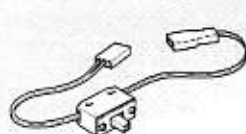
Transmitter



Receiver

Steering servo

Throttle servo



Receiver switch



Receiver battery

Batteries for transmitter and plug heater

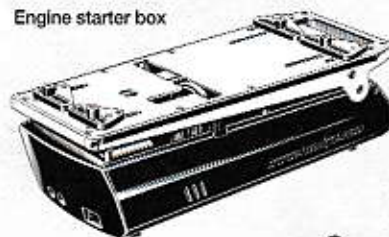


Glow engine



★Please use a muffler and manifold that is appropriate for your engine.

Engine starter box



Glow engine fuel



Tamiya engine treatment spray

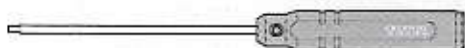


Glow plug heater / Fuel filler

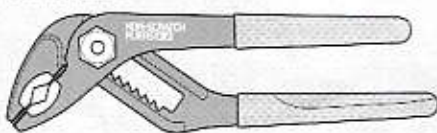


## TOOLS RECOMMENDED

TRF grub driver (1.5mm, 2mm, 2.5mm)



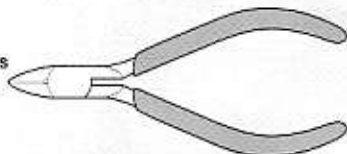
Non-scratch pliers



Tweezers



Side cutters



Instant cement



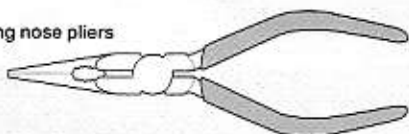
Modeling knife



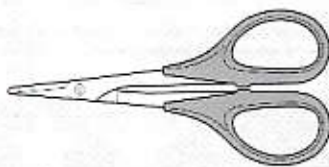
Synthetic rubber cement



Long nose pliers



Scissors



★Assembly of this kit will also require a caliper, + screwdriver (large, small), - screwdriver (small) and a pin vise. A file and soft cloth will also assist in construction.



### CAUTION

- Read carefully and fully understand the instructions before commencing assembly. A supervising adult should also read the instructions if a child assembles the model.
- When assembling this kit, tools including knives are used. Extra care should be taken to avoid personal injury.
- Read and follow the instructions supplied with paints and/or cement, if used (not included in kit).
- Keep out of reach of small children. Children must not be allowed to put any parts in their mouths, or pull vinyl bags over their heads.



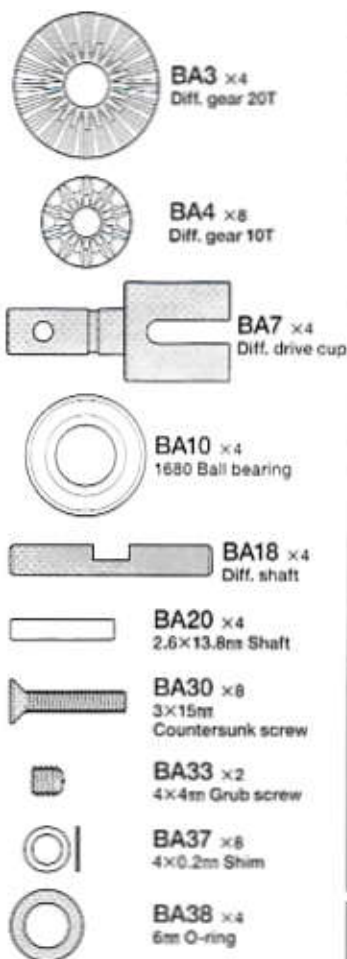
- ★ Study the instructions thoroughly before assembly.
- ★ There are many small screws, nuts and similar parts. Assemble them carefully referring to the drawings. To prevent trouble and finish the model with good performance, it is necessary to assemble each step exactly as shown.

Apply grease to the places shown by this mark.  
Apply grease first, then assemble.

Apply gel type thread lock to the places shown by this mark.

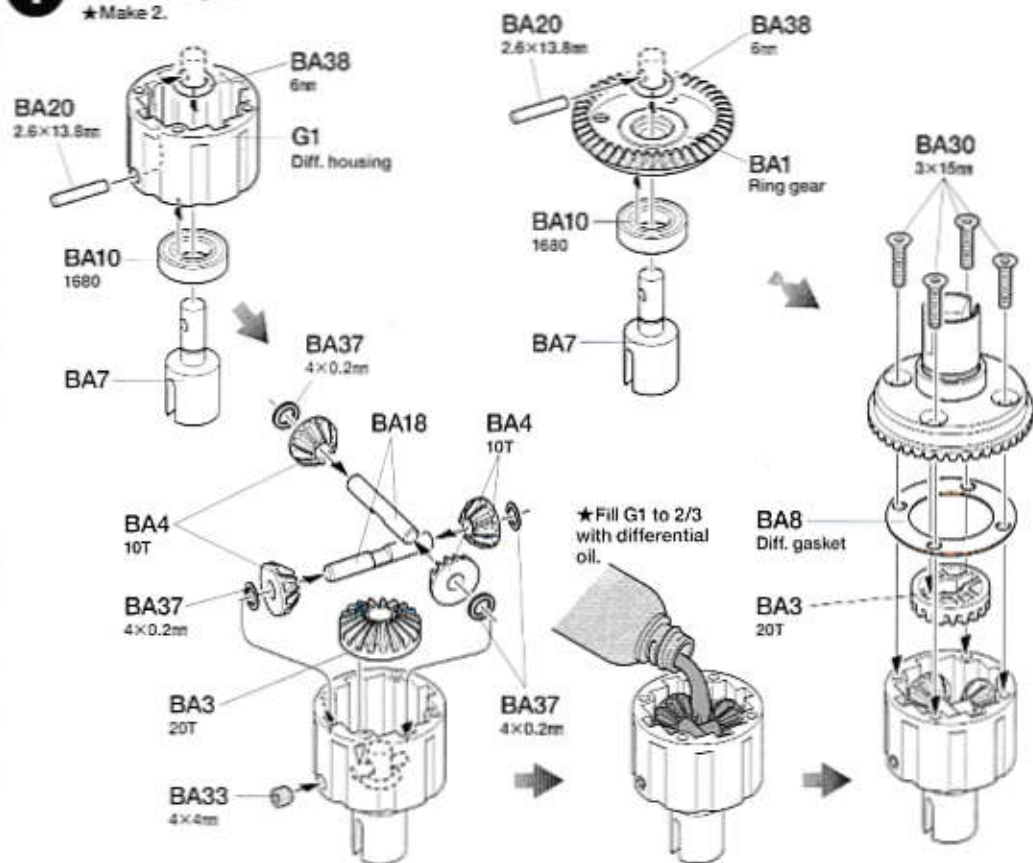
## A 1~7 METAL PARTS BAG A

### 1



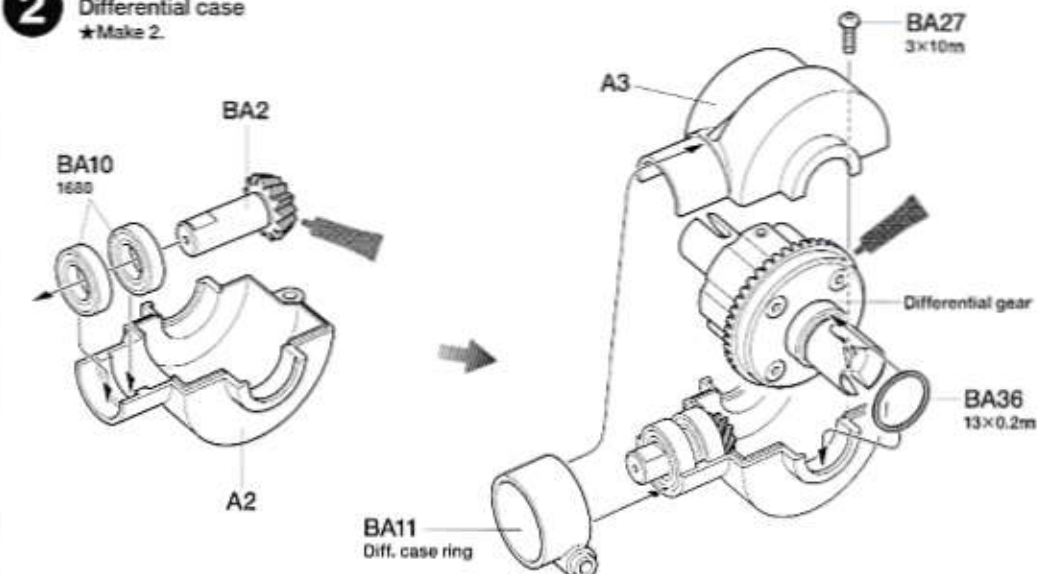
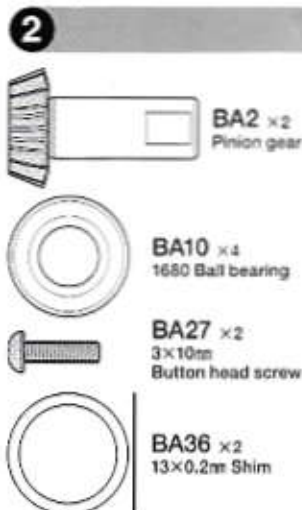
### 1 Differential gear

★ Make 2.








### 2 Differential case

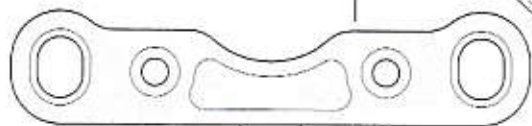
★ Make 2.



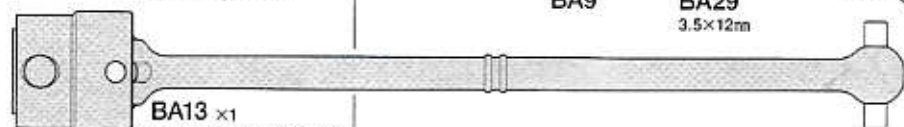


**3**

-  **BA24** ×2  
3.5×25mm  
Button head screw
-  **BA27** ×4  
3×10mm  
Button head screw
-  **BA28** ×2  
3.5×25mm  
Countersunk screw
-  **BA29** ×2  
3.5×12mm  
Countersunk screw
-  **BA31** ×1  
5×5mm Grub screw

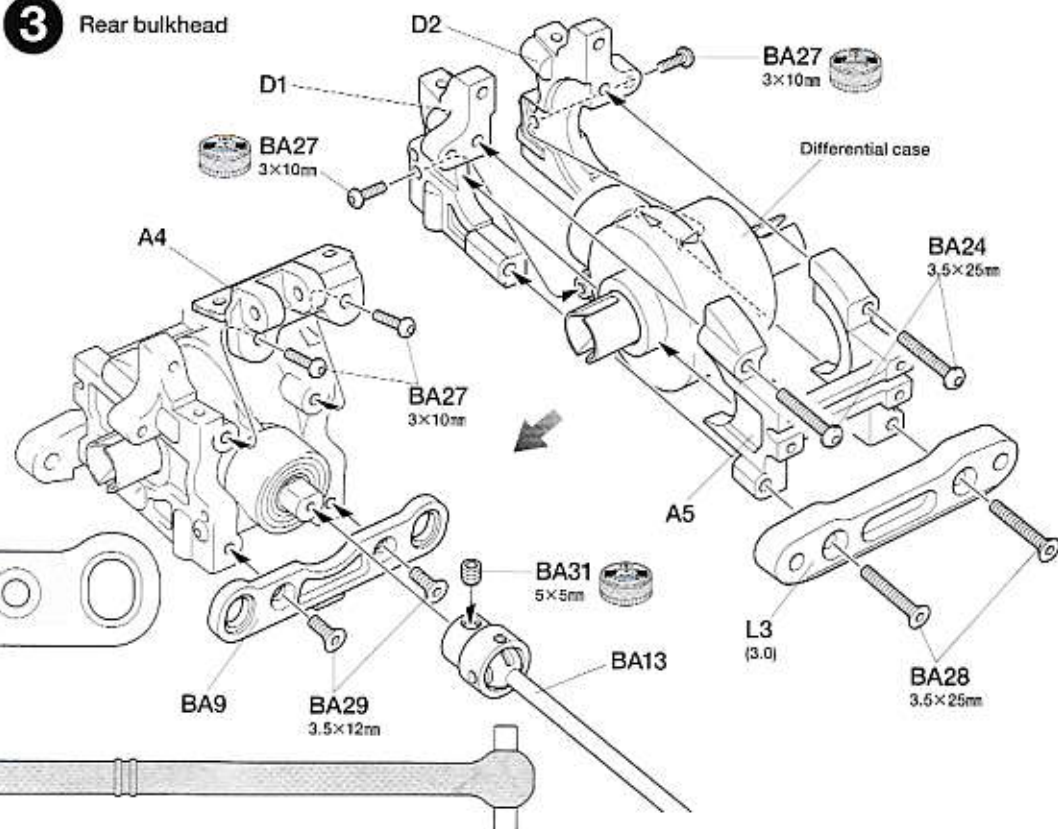



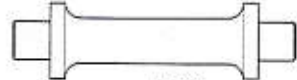



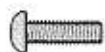
**BA9** ×1  
Rear susp. block



**BA13** ×1  
Center drive shaft (rear)

### 3 Rear bulkhead

**4**

-  **BA5** ×2  
Upper shock mount
-  **BA6** ×2  
Wing brace
-  **BA22** ×2  
3×25mm Cap screw
-  **BA25** ×4  
3×15mm  
Button head screw
-  **BA26** ×4  
3×12mm  
Button head screw
-  **BA27** ×3  
3×10mm  
Button head screw

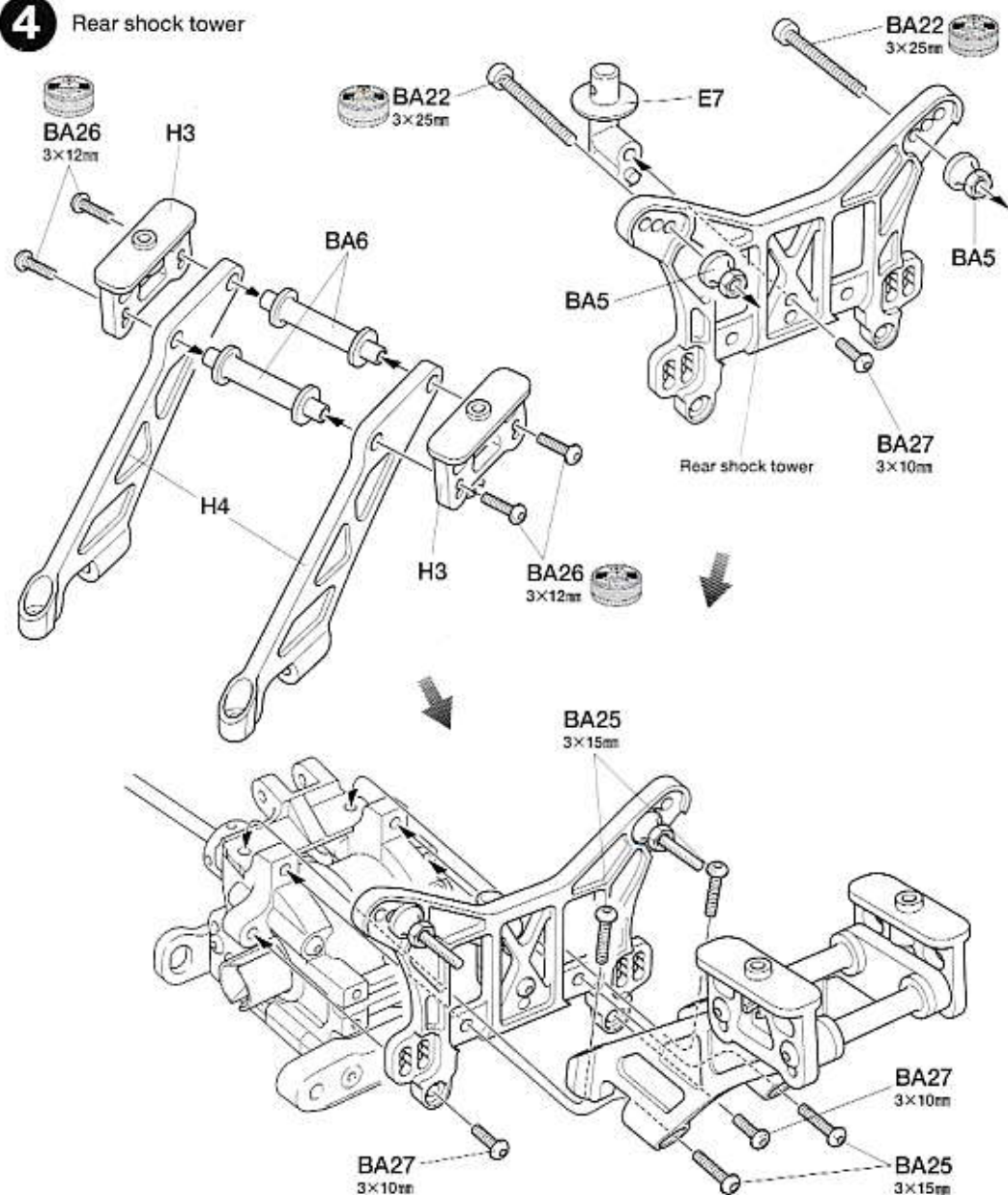
#### 《Gel type thread lock》

Apply a small amount of Gel Type Thread Lock to the sections shown by this mark using tools such as toothpicks.



★Gel Type Thread Lock may damage plastic. Avoid direct contact with plastic parts.

### 4 Rear shock tower

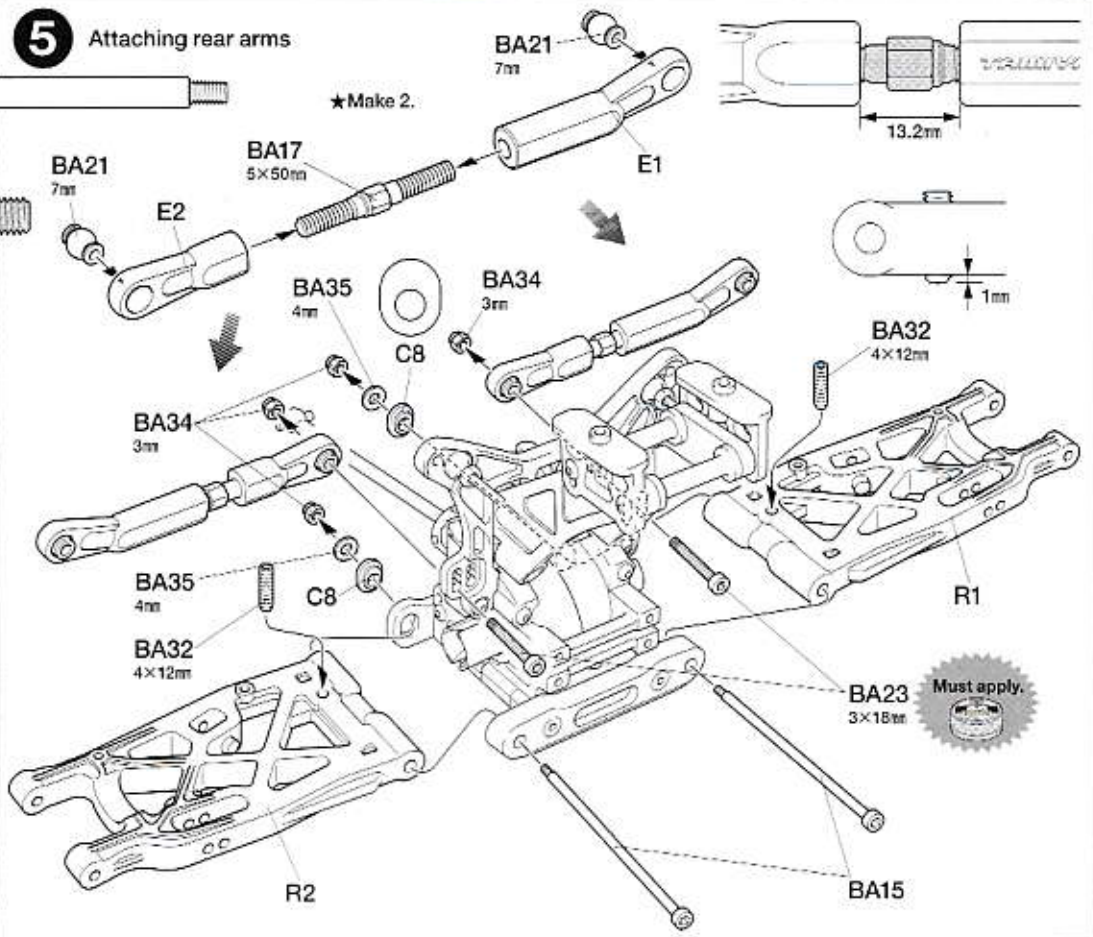




5

- BA15** ×2  
Inner hinge pin
- BA17** ×2  
5×50mm Turn-buckle shaft
- BA21** ×4  
7mm ball collar
- BA23** ×2  
3×18mm Cap screw
- BA32** ×2  
4×12mm Grub screw
- BA34** ×4  
3mm Lock nut
- BA35** ×2  
4mm Washer

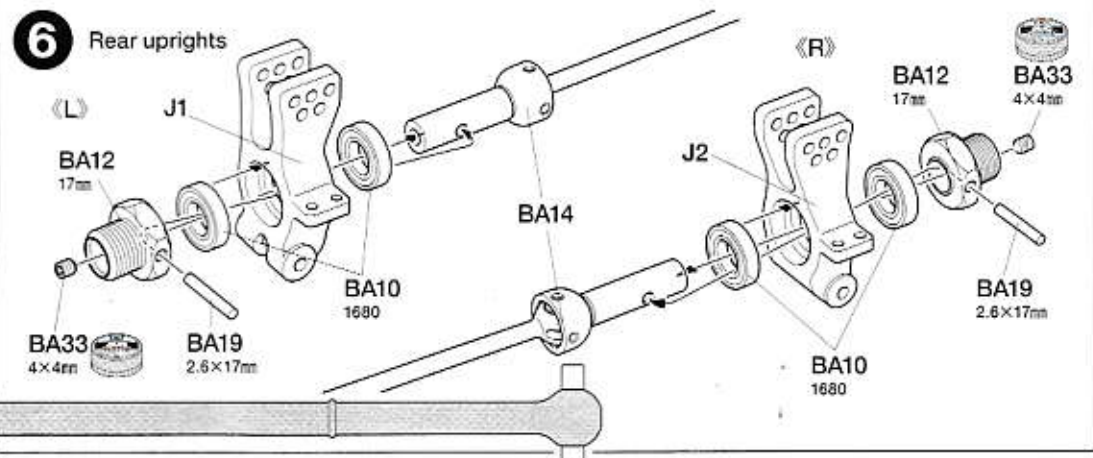
5 Attaching rear arms



6

- BA10** ×4  
1680 Ball bearing
- BA19** ×2  
2.6×17mm Shaft
- BA12** ×2  
17mm Wheel hub
- BA33** ×2  
4×4mm Grub screw

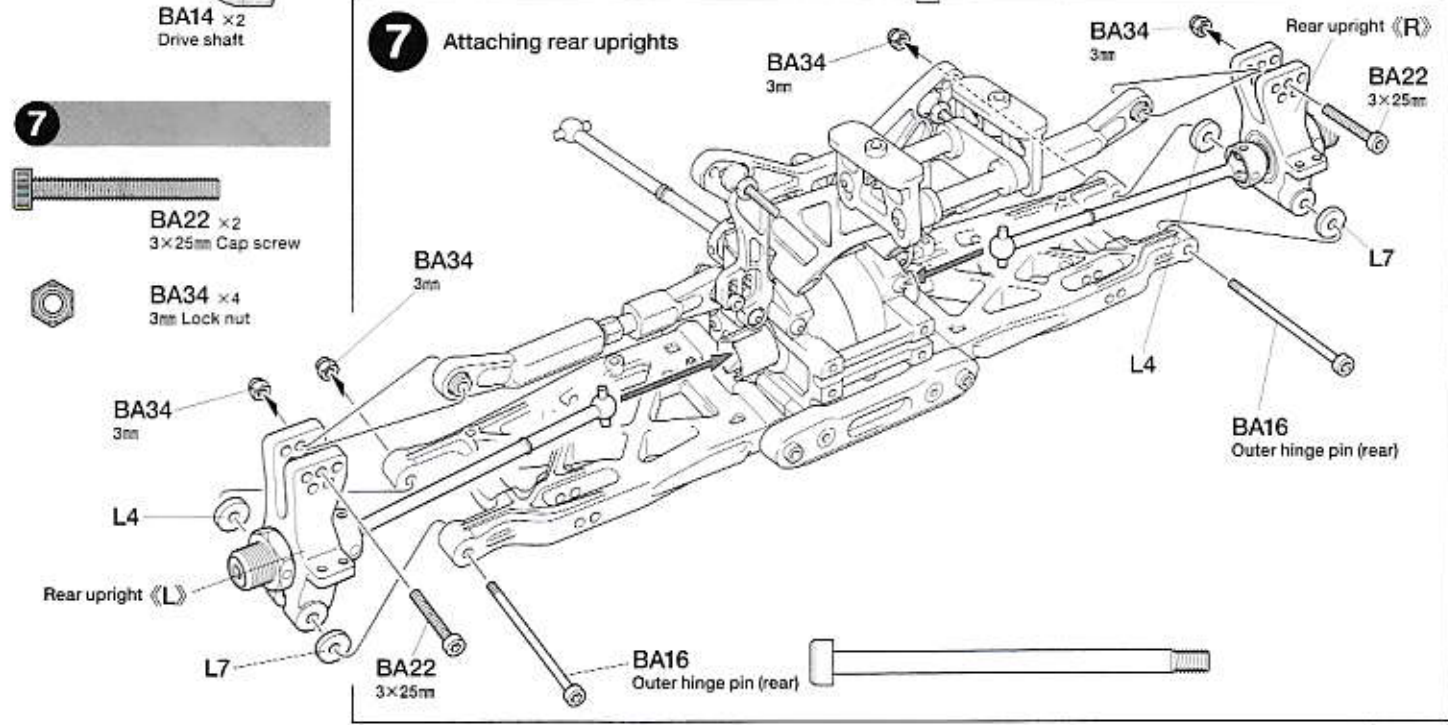
6 Rear uprights



7

- BA22** ×2  
3×25mm Cap screw
- BA34** ×4  
3mm Lock nut

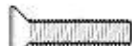
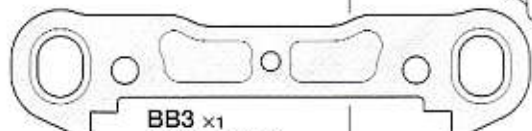
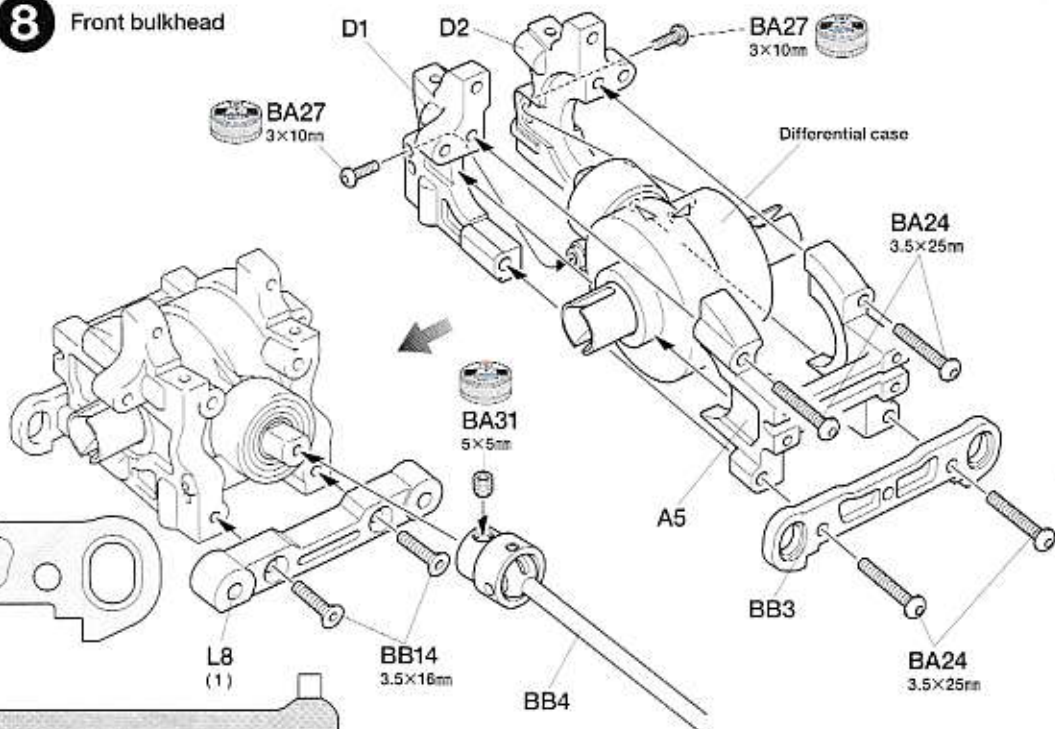
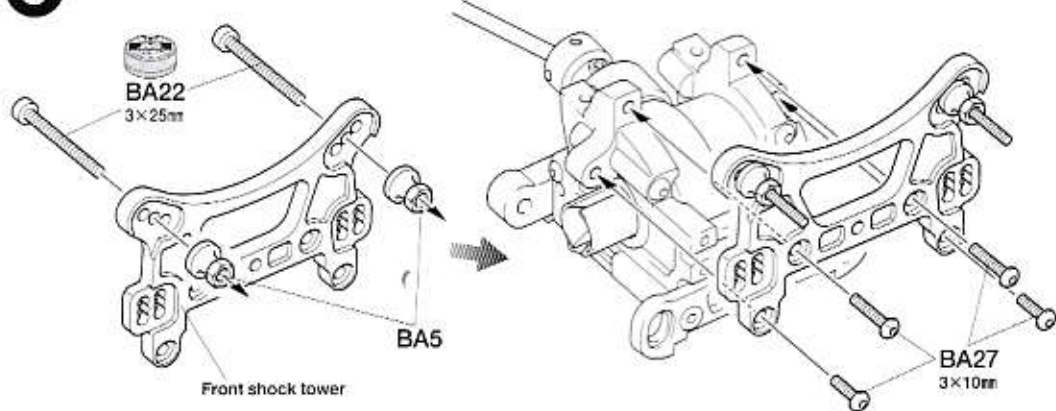
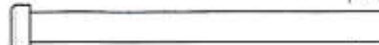
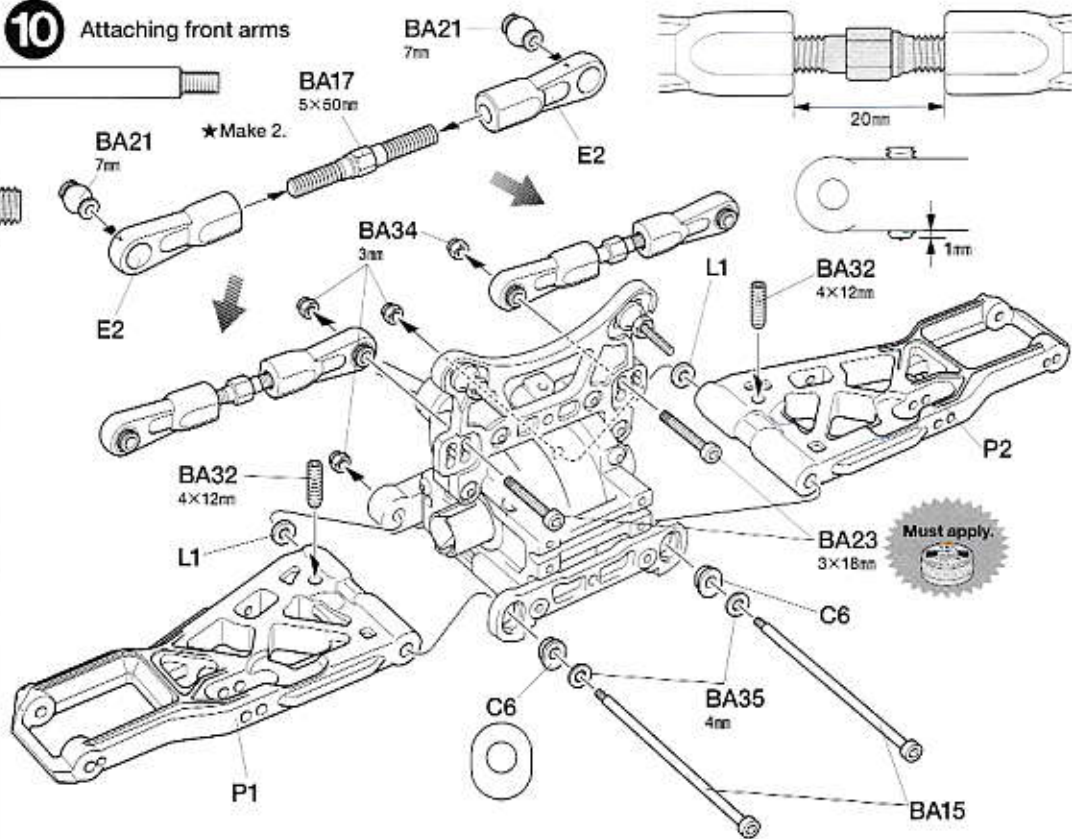
7 Attaching rear uprights



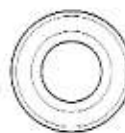


**B****8~14**

METAL PARTS BAG B

**8**BA24 ×4  
3.5×25mm  
Button head screwBA27 ×2  
3×10mm  
Button head screwBB14 ×2  
3.5×16mm  
Countersunk screwBA31 ×1  
5×5mm Grub screwBB3 ×1  
Front susp. blockBB4 ×1  
Center drive shaft (front)**8** Front bulkhead**9** Front shock tower**9**BA5 ×2  
Upper shock mountBA22 ×2  
3×25mm Cap screwBA27 ×4  
3×10mm  
Button head screw**10**BA15 ×2  
Inner hinge pinBA17 ×2  
5×50mm Turn-buckle shaftBA21 ×4  
7mm Ball collarBA23 ×2  
3×18mm Cap screwBA32 ×2  
4×12mm Grub screwBA34 ×4  
3mm Lock nutBA35 ×2  
4mm Washer**10** Attaching front arms

11



BA10 ×4  
1680 Ball bearing



BA12 ×2  
17mm Wheel hub



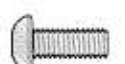
BA19 ×2  
2.6×17mm Shaft



BB6 ×4  
Steering knuckle collar



BB7 ×2  
7mm Ball nut



BB11 ×4  
4×10mm  
Button head screw



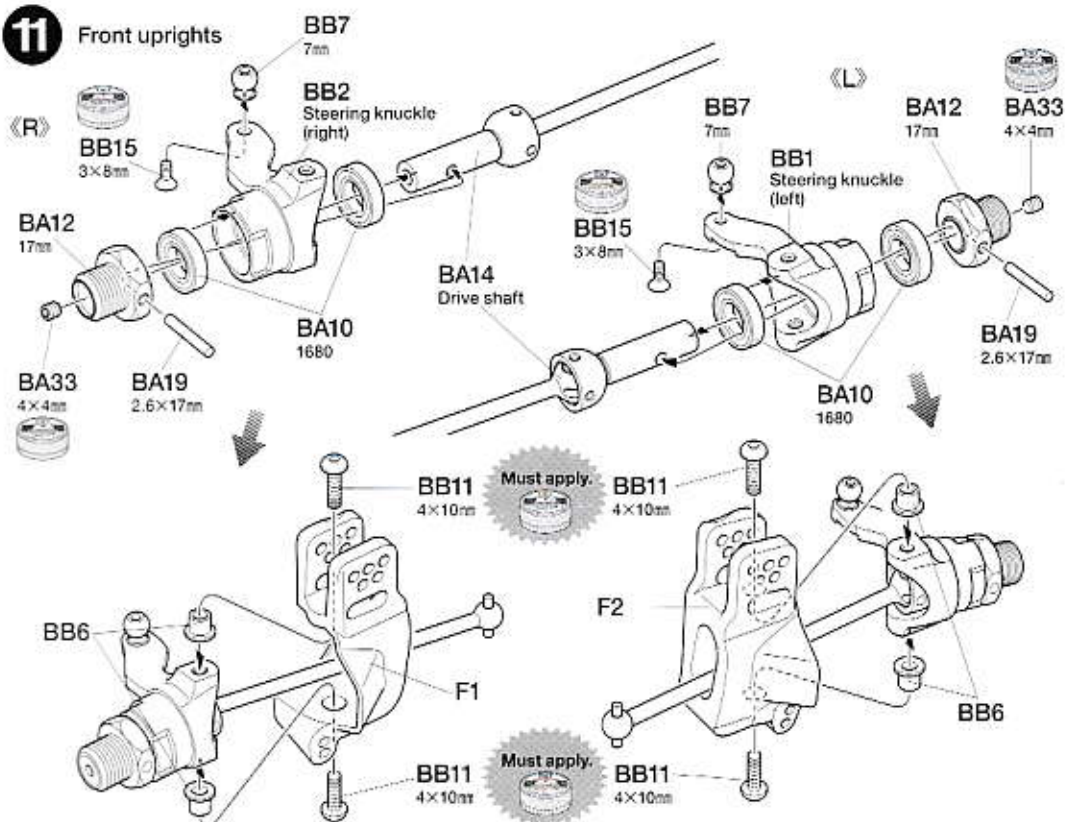
BB15 ×2  
3×8mm  
Countersunk screw



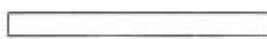
BA33 ×2  
4×4mm Grub screw

11

## Front uprights



12



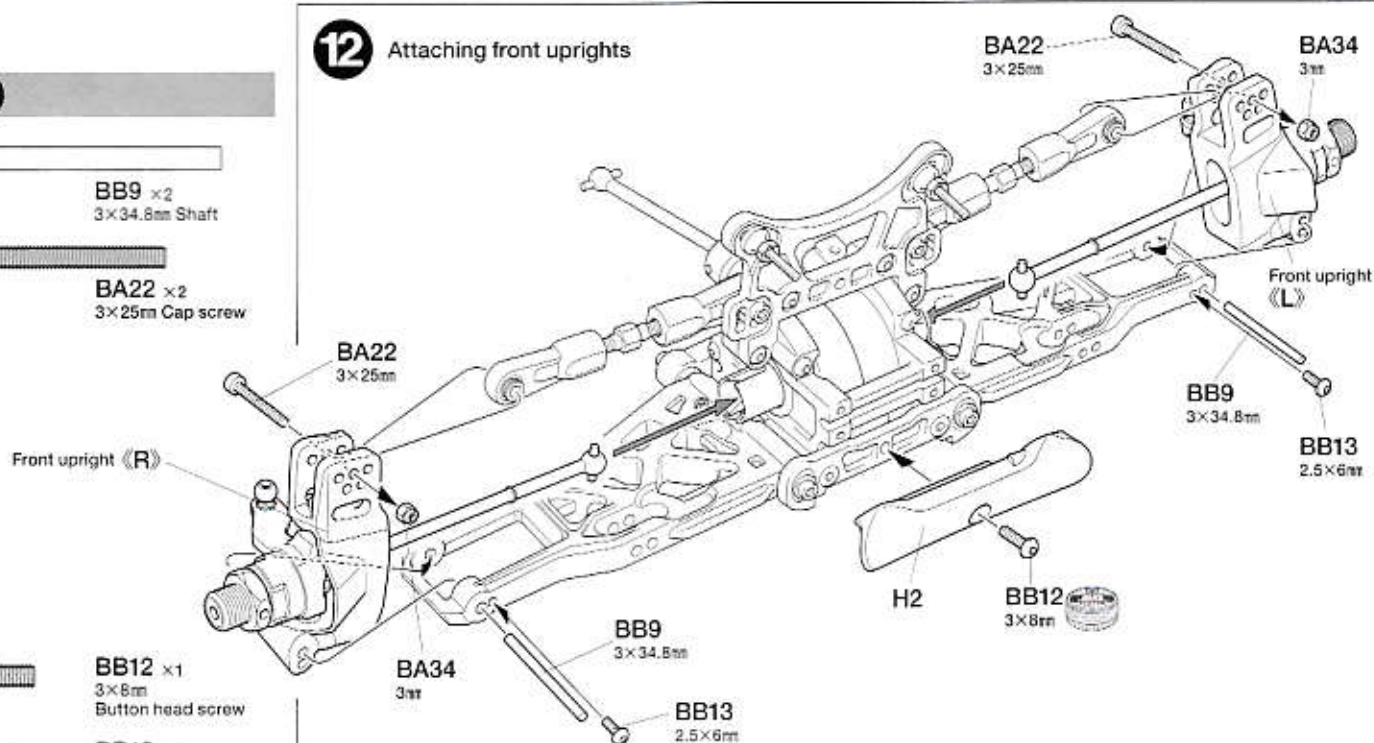
BB9 ×2  
3×34.8mm Shaft



BA22 ×2  
3×25mm Cap screw

12

## Attaching front uprights



BB12 ×1  
3×8mm  
Button head screw



BB13 ×2  
2.5×6mm  
Button head screw



BA34 ×2  
3mm Lock nut

13



BB5 ×4  
6mm Ball end



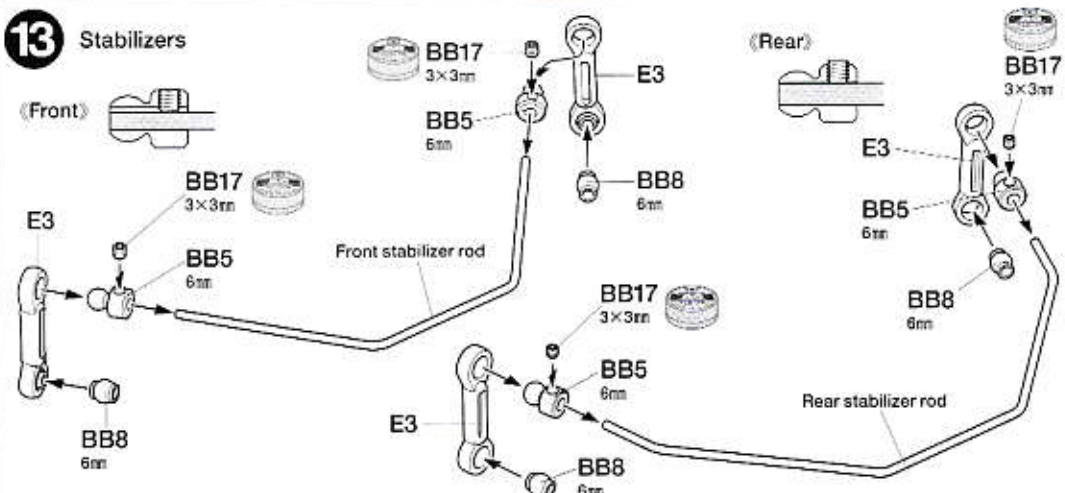
BB8 ×4  
6mm Ball collar



BB17 ×4  
3×3mm Grub screw

13

## Stabilizers





14



BA23 ×4  
3×18mm Cap screw

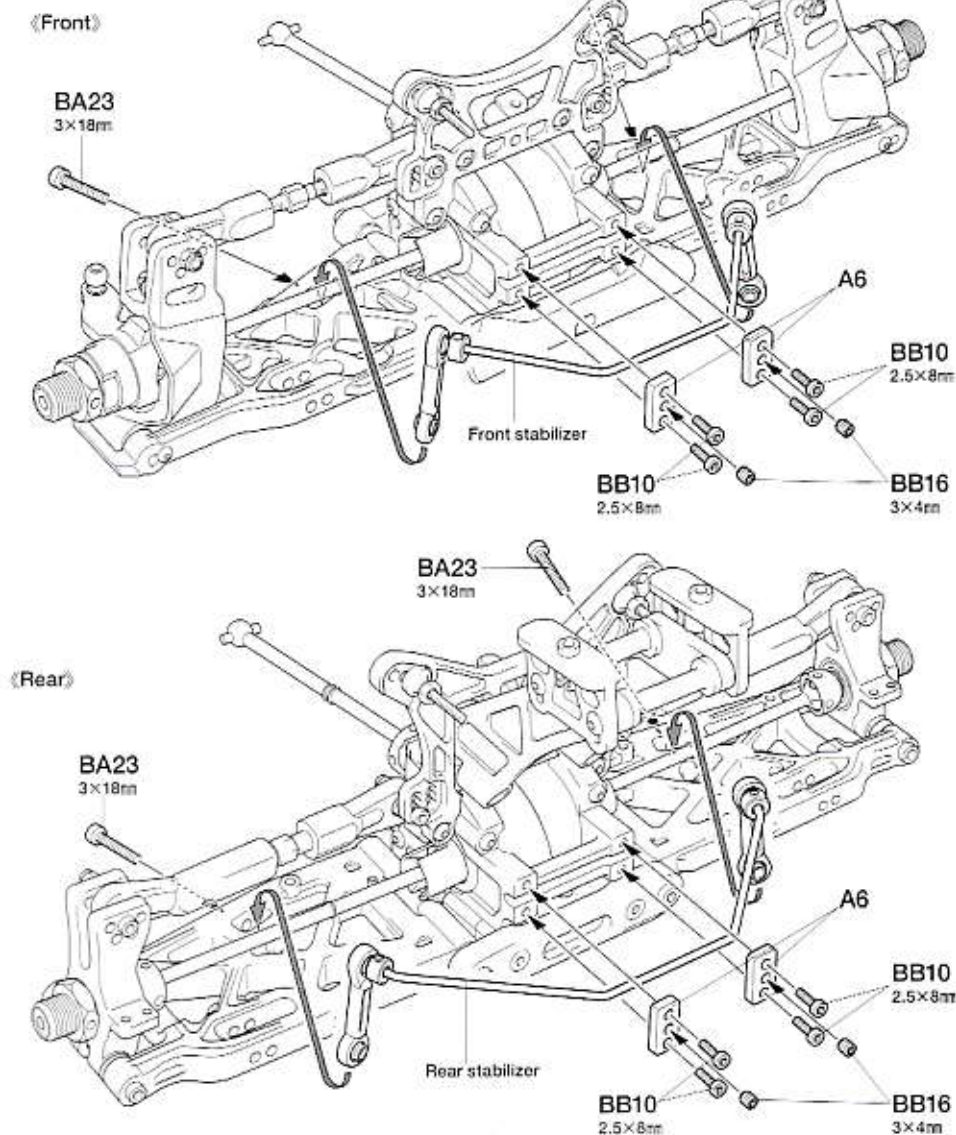


BB10 ×8  
2.5×8mm Cap screw



BB16 ×4  
3×4mm Grub screw

## 14 Attaching stabilizers

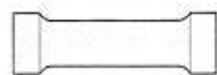


C

15~22

METAL PARTS BAG C

15



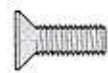
BC8 ×3  
Radio tray post



BC9 ×1  
Radio tray post (short)



BC10 ×2  
Steering post



BC23 ×2  
4×12mm  
Countersunk screw

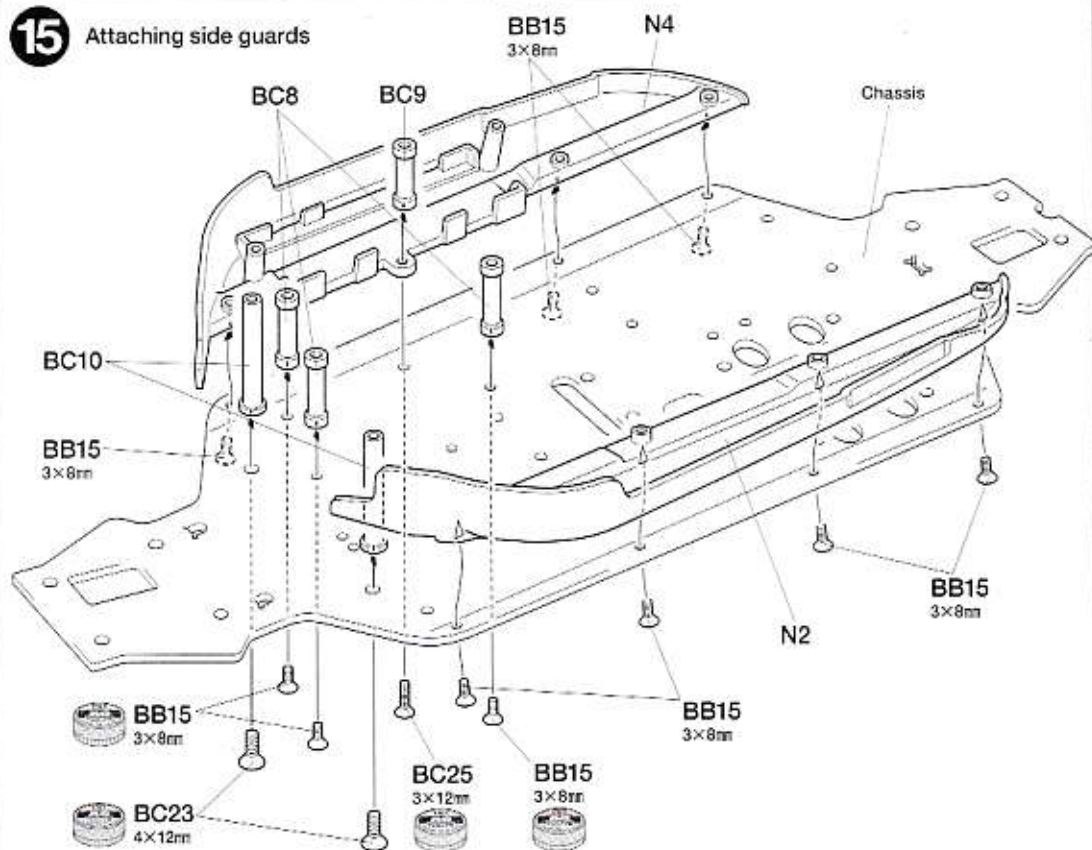


BC25 ×1  
3×12mm  
Countersunk screw



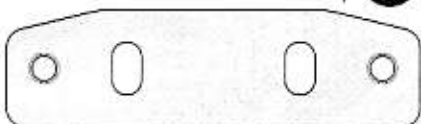
BB15 ×10  
3×8mm  
Countersunk screw

## 15 Attaching side guards

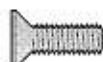




16



BC15 ×2  
Engine mount plate



BC23 ×8  
4×12mm  
Countersunk screw

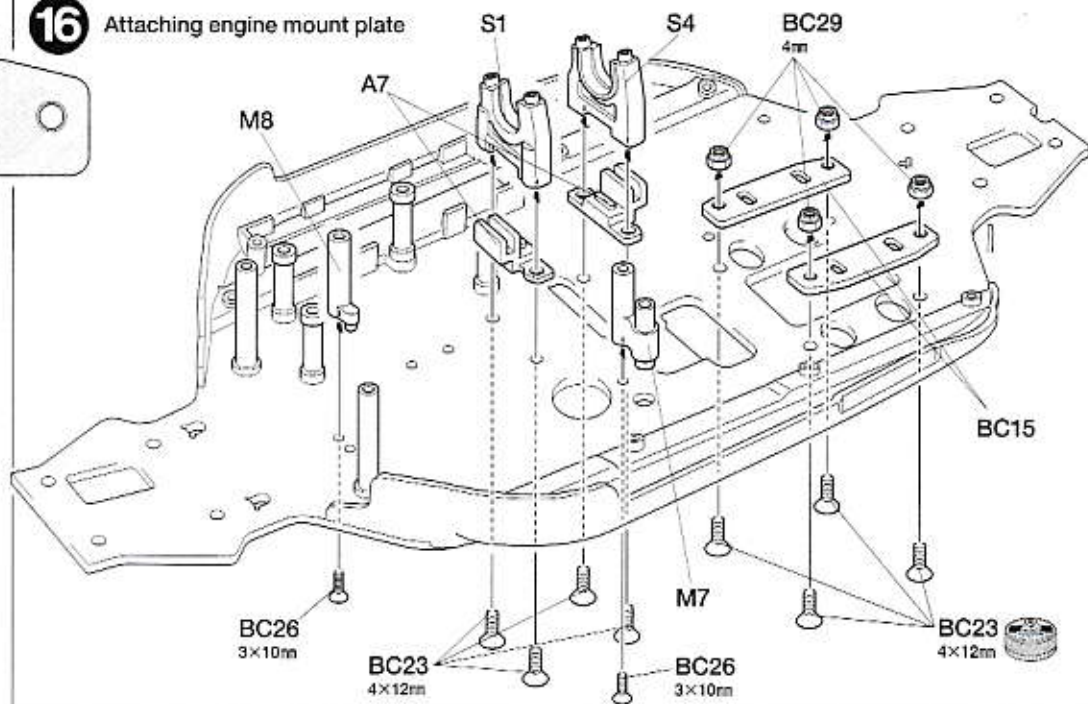


BC26 ×2  
3×10mm  
Countersunk screw



BC29 ×4  
4mm Lock nut

## 16 Attaching engine mount plate



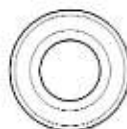
17



BA3 ×2  
Diff. gear 20T



BA4 ×4  
Diff. gear 10T



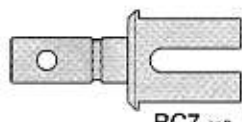
BA10 ×2  
1680 Ball bearing



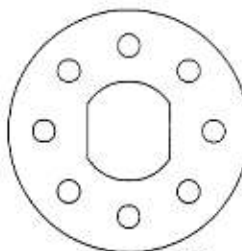
BA18 ×2  
Diff. shaft



BA20 ×2  
2.6×13.8mm Shaft



BC7 ×2  
Center drive cup



BC13 ×2  
Brake rotor



BA30 ×4  
3×15mm  
Countersunk screw



BA33 ×1  
4×4mm Grub screw

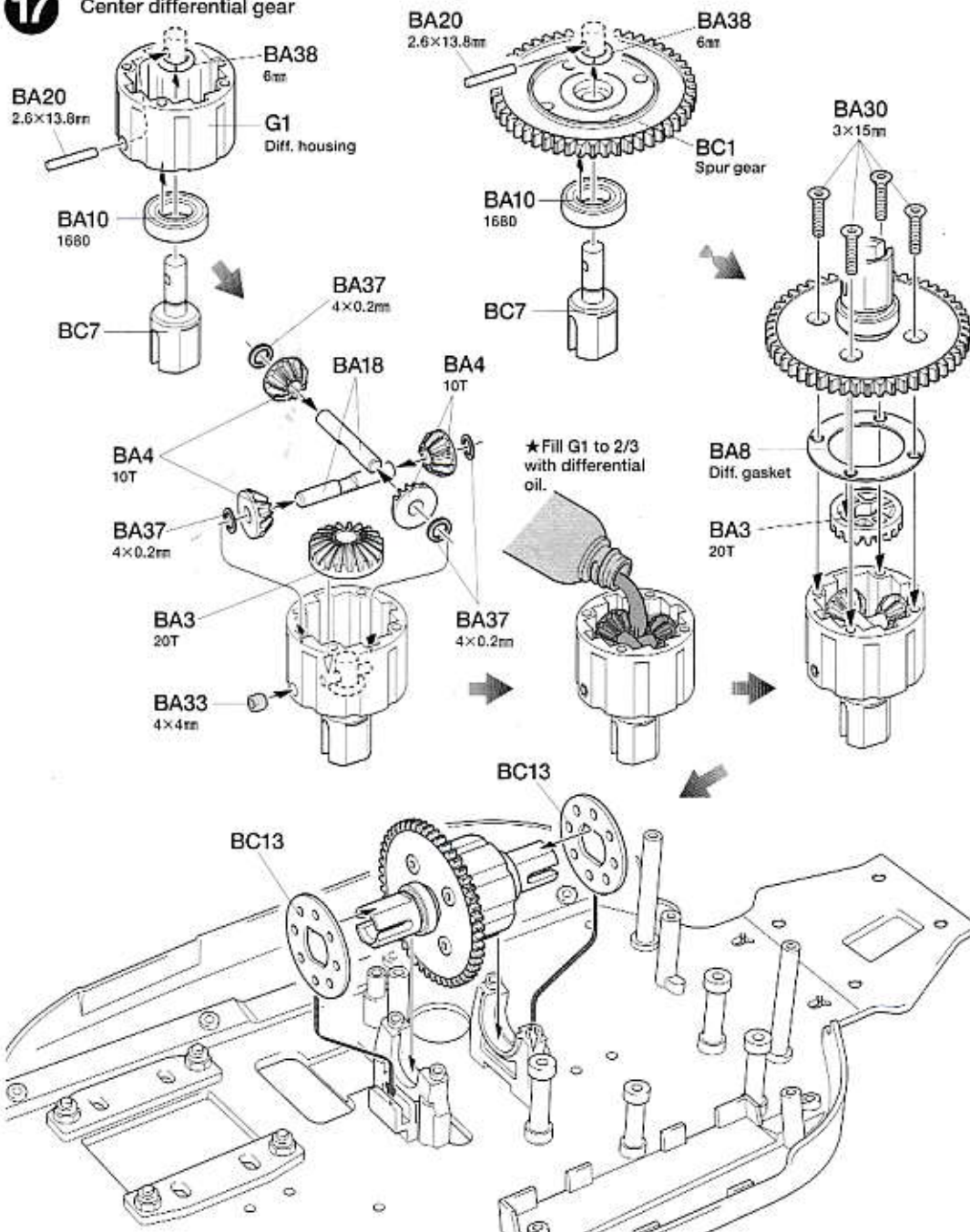


BA37 ×4  
4×0.2mm Shim



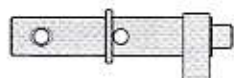
BA38 ×2  
6mm O-ring

## 17 Center differential gear





18



BC2 ×2  
Brake cam



BC4 ×4  
Brake caliper (silver)



BC5 ×4  
Brake pad (blue)



BC22 ×4  
3×30mm Cap screw



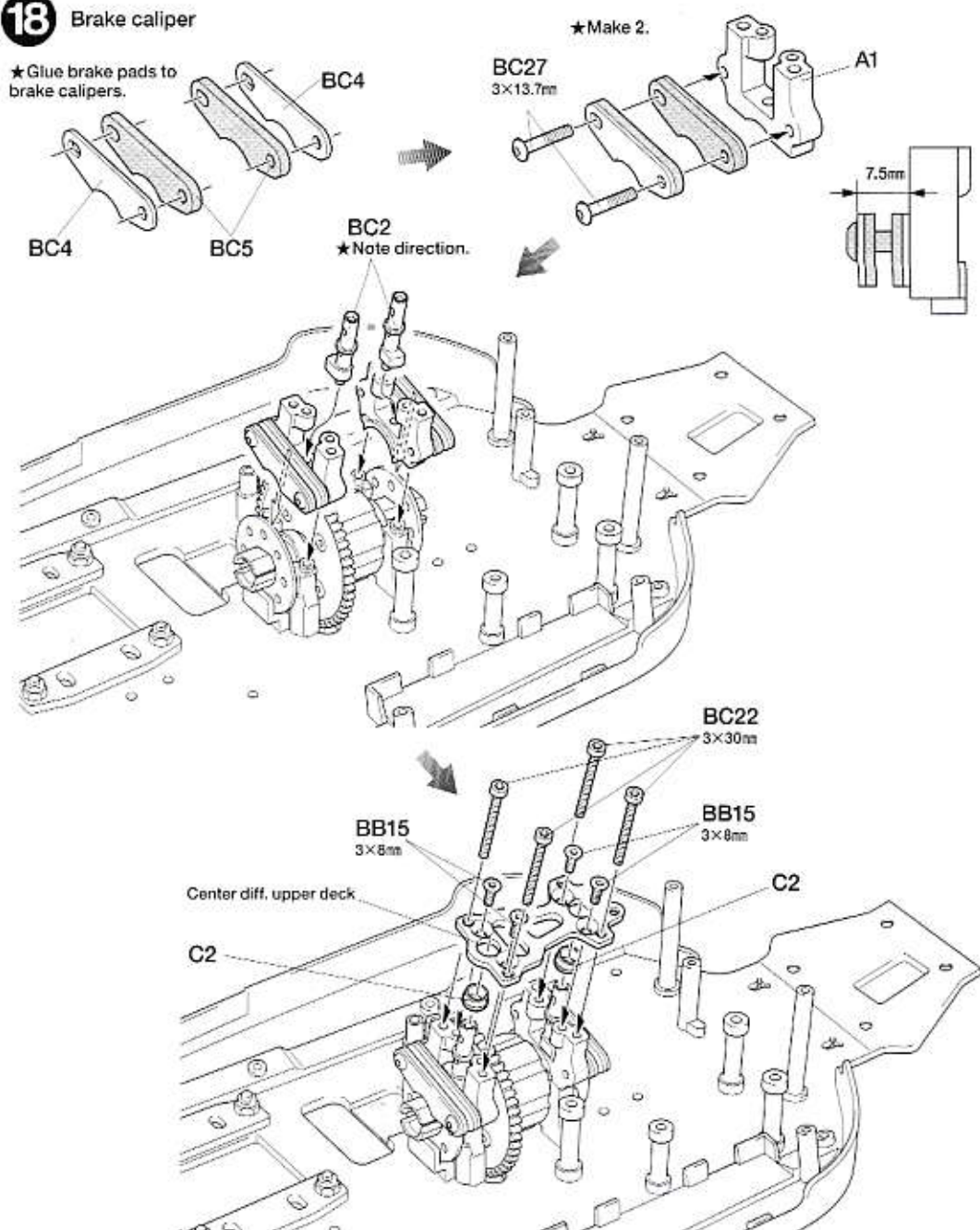
BB15 ×4  
3×8mm  
Countersunk screw



BC27 ×4  
3×13.7mm Brake screw

## 18 Brake caliper

★ Glue brake pads to brake calipers.



19



BC3 ×1  
Brake arm



BC18 ×1  
3×18mm  
Turn-buckle shaft



BC19 ×1  
2×10mm Shaft



BC20 ×2  
6mm Ball connector



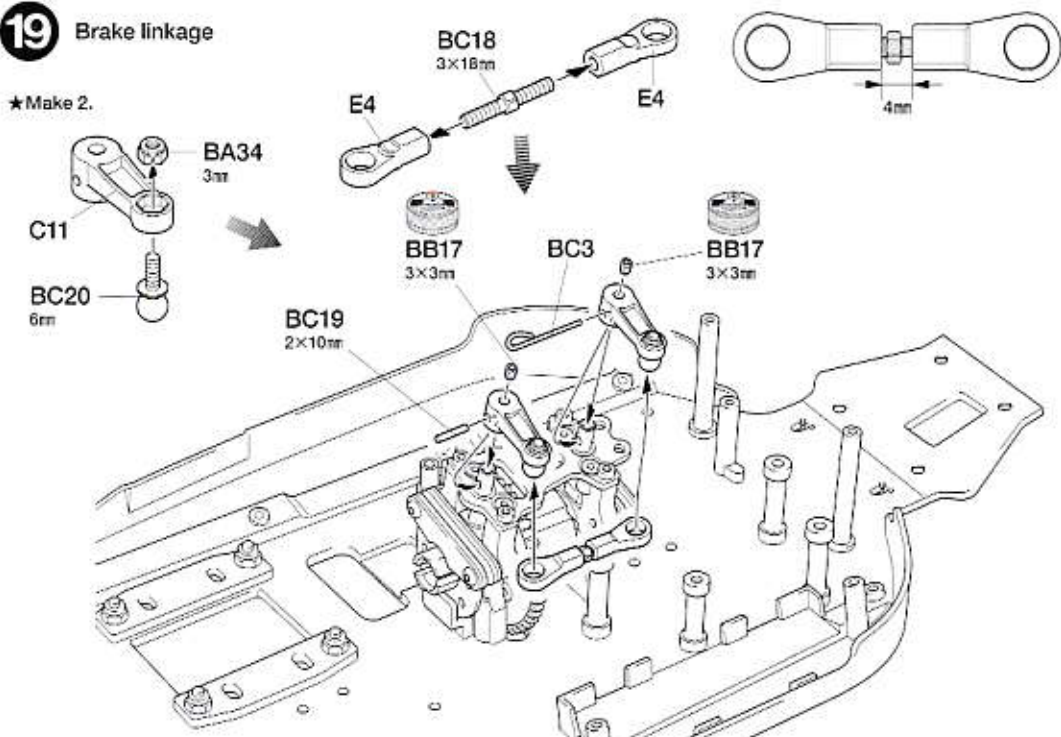
BB17 ×2  
3×3mm Grub screw



BA34 ×2  
3mm Lock nut

## 19 Brake linkage

★ Make 2.

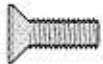




20



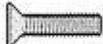
BA22 x1  
3x25mm Cap screw



BC23 x8  
4x12mm  
Countersunk screw



BC24 x1  
3x18mm  
Countersunk screw



BC25 x1  
3x12mm  
Countersunk screw

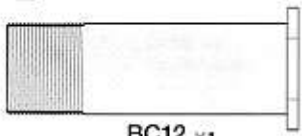


BA34 x3  
3mm Lock nut

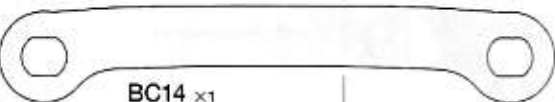
21



BC11 x1  
Servo saver adjuster



BC12 x1  
Servo saver tube



BC14 x1  
Ackerman plate



BC16 x1  
Servo saver spring



BC17 x2  
4x61mm Turn-buckle shaft



BC6 x4  
1060 Ball bearing



BC20 x1  
6mm Ball connector



BA21 x2  
7mm Ball collar



BC21 x2  
Steering bushing collar



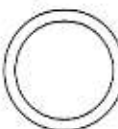
BC24 x2  
3x18mm  
Countersunk screw



BC28 x2  
3x9.8mm  
Steering bushing bolt

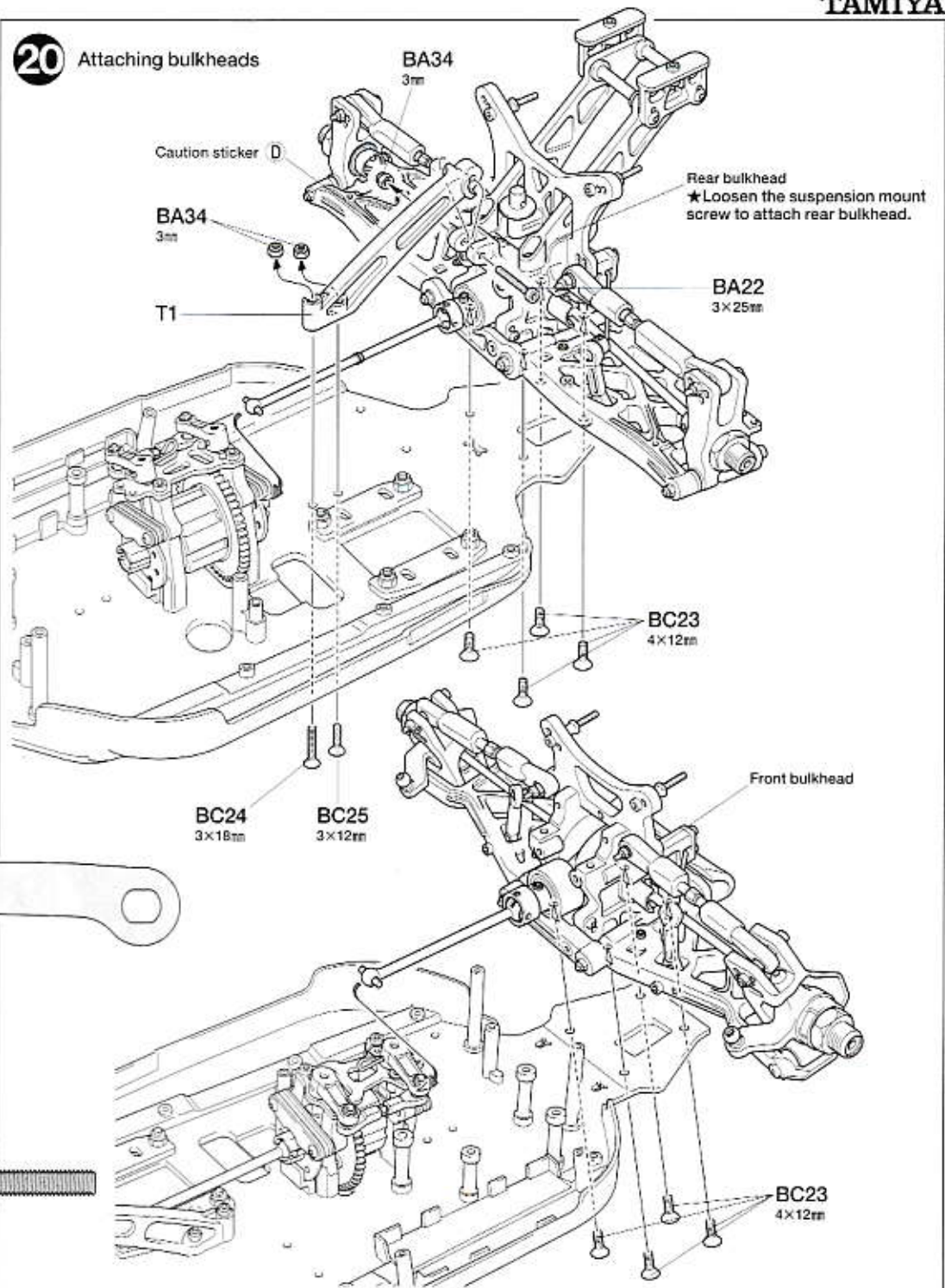


BA34 x3  
3mm Lock nut

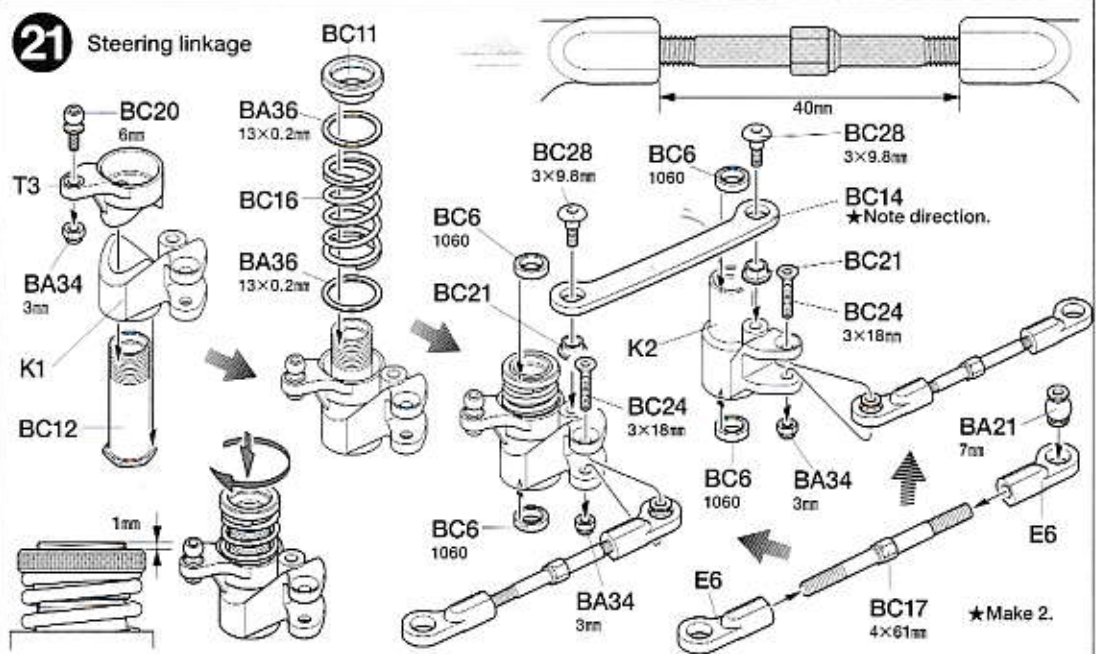


BA36 x2  
13x0.2mm Shim

## 20 Attaching bulkheads



## 21 Steering linkage



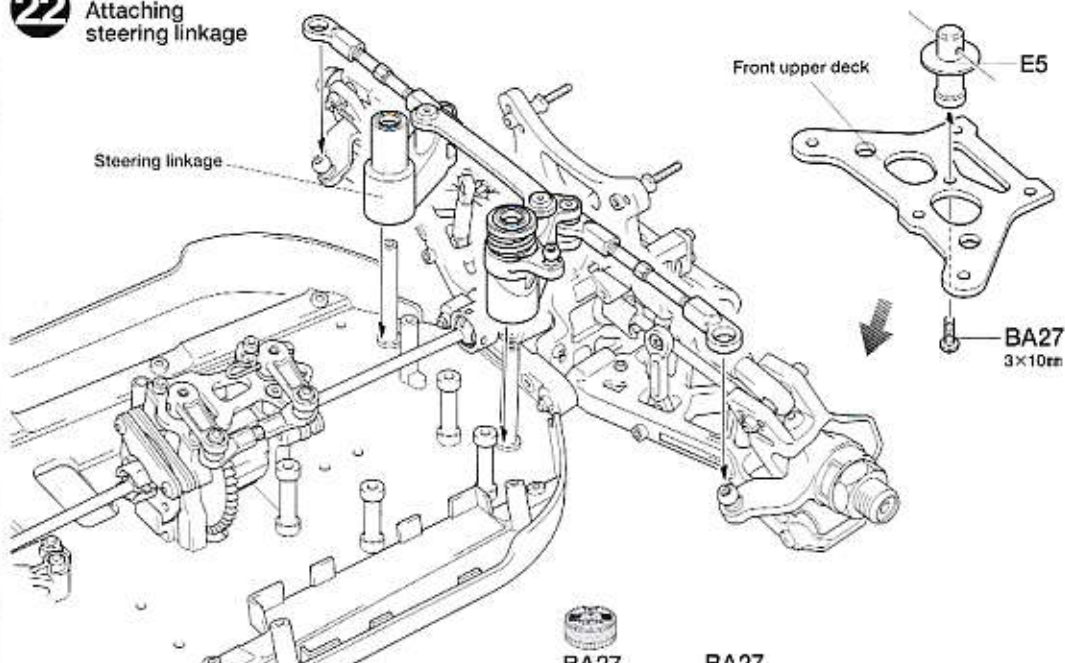


22

- BA26 ×1  
3×12mm  
Button head screw
- BA27 ×5  
3×10mm  
Button head screw
- BC24 ×1  
3×18mm  
Countersunk screw
- BC25 ×1  
3×12mm  
Countersunk screw
- BA34 ×3  
3mm Lock nut

22

## Attaching steering linkage

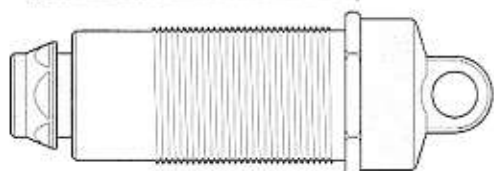
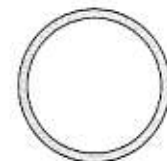


D

23~27

METAL PARTS BAG D

23

BD1 ×2  
Rear damper bodyBD6 ×2  
Rear damper shaftBD7 ×2  
Pre-load adjusterBD8 ×2  
18mm O-ringBD11 ×4  
3.5mm Silicone O-ringBB8 ×2  
6mm Ball collarBD12 ×2  
2×6mm Cap screwBD14 ×2  
2mm Spring washer

## OPTIONS

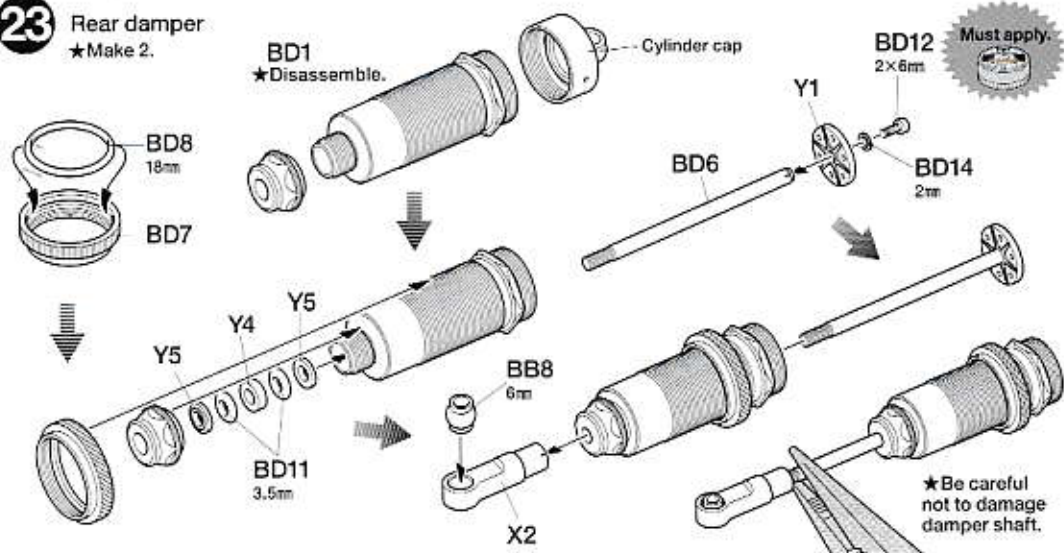
★Kit-standard damper oil (#400).

SOFT SET (53443)	RED	# 200
	ORANGE	# 300
	YELLOW	# 400
MEDIUM SET (53444)	GREEN	# 500
	BLUE	# 600
	PURPLE	# 700
HARD SET (53445)	PINK	# 800
	CLEAR	# 900
	LIGHT BLUE	# 1000

23

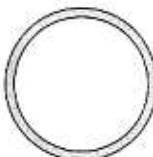
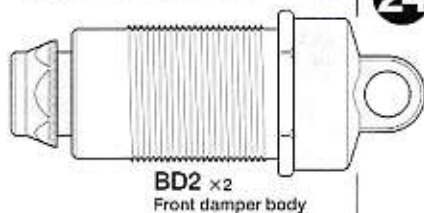
## Rear damper

★Make 2.





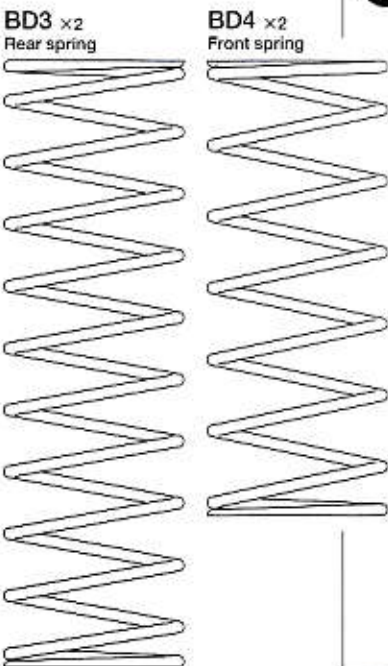
24



25



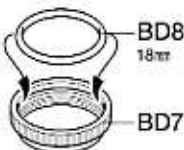
26



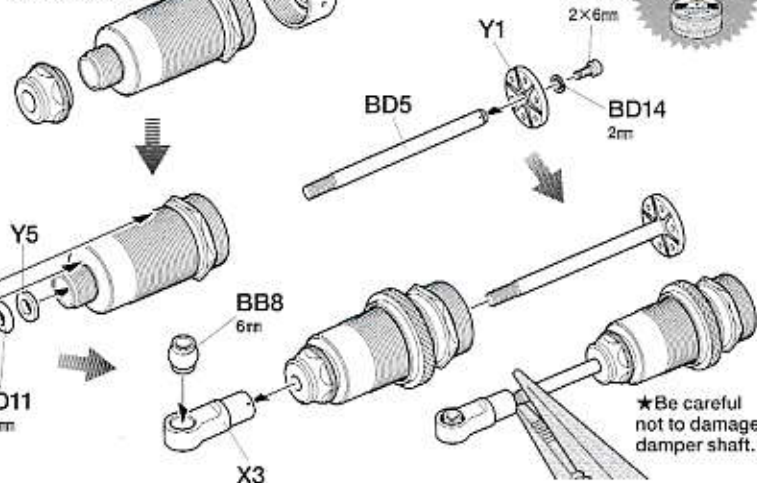
24

Front damper

★Make 2.



BD2  
★Disassemble.

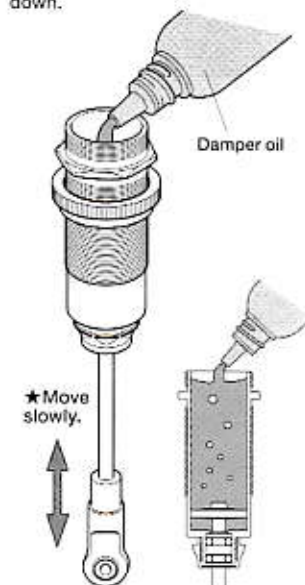


25

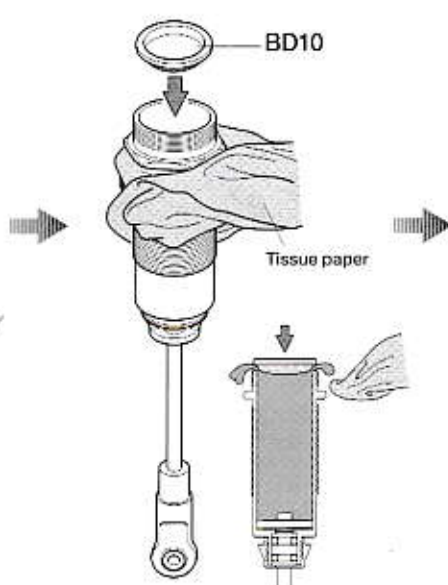
Damper oil

★Make 2 of each front/rear damper.

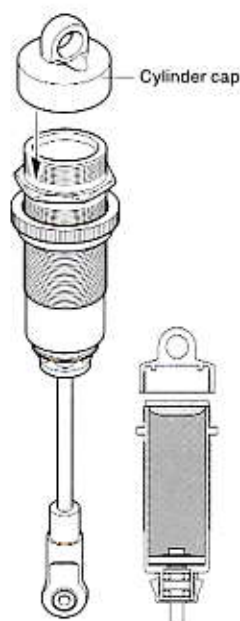
1. Pull down piston and pour oil into cylinder. Remove air bubbles by slowly moving piston up and down.



2. Pull down piston, attach diaphragm and absorb oil overflow with tissue paper.



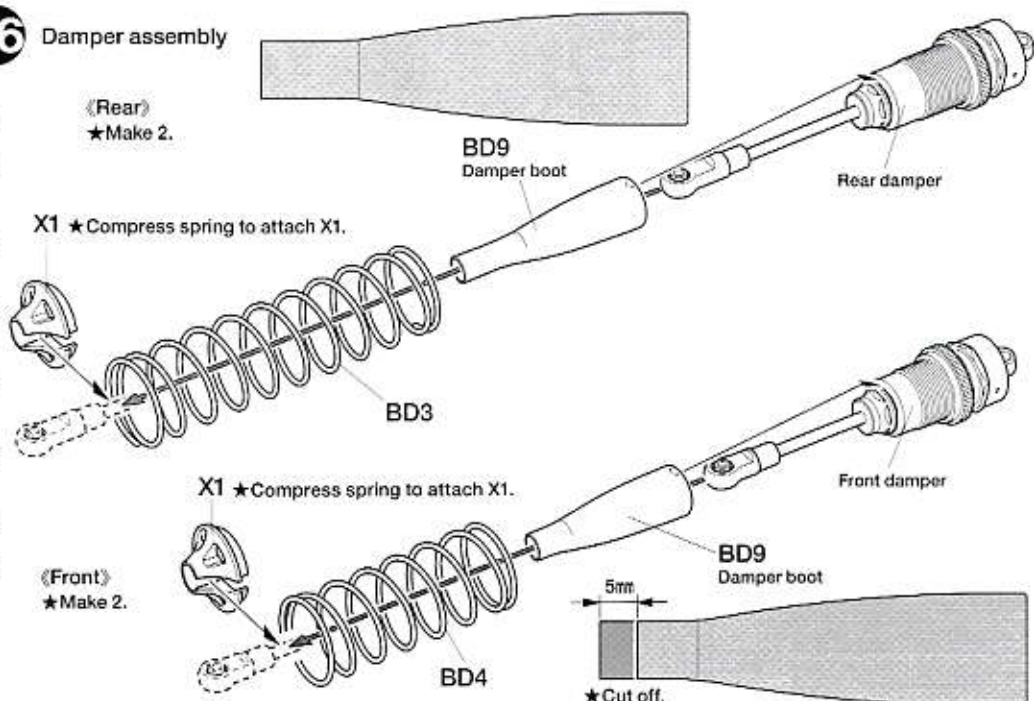
3. Tighten cylinder cap.



26

Damper assembly

《Rear》  
★Make 2.



《Front》  
★Make 2.



27



BA23×4  
3×18mm Cap screw



BA34×4  
3mm Lock nut



BD13×4  
3mm Washer

Parts marked Ⓢ are not included in kit.

E

28~33

METAL PARTS BAG E

28



BA25 ×8  
3×15mm  
Button head screw



BA27 ×2  
3×10mm  
Button head screw



BC26 ×4  
3×10mm  
Countersunk screw



BA34 ×4  
3mm Lock nut



BD13 ×4  
3mm Washer

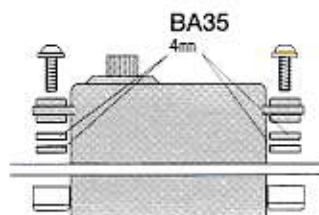
CAUTION!

★Servo attachment position and/or throttle linkage installation may need to be changed depending on the servo and engine you use. Ensure smooth movement of throttle linkage when installing.



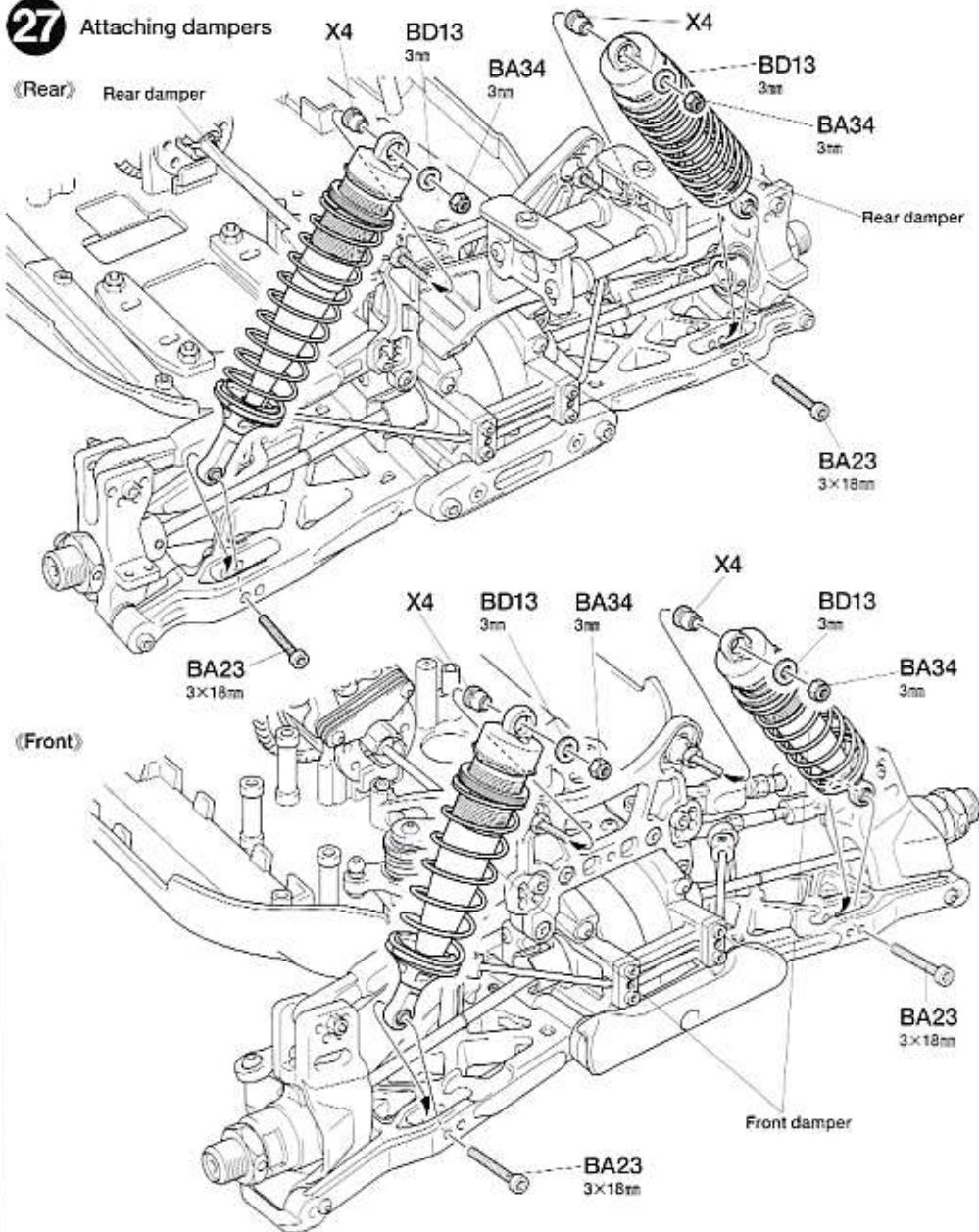
BA35 ×12  
4mm Washer

★Adjust the steering servo position with 4mm washers if it comes into contact with the chassis.



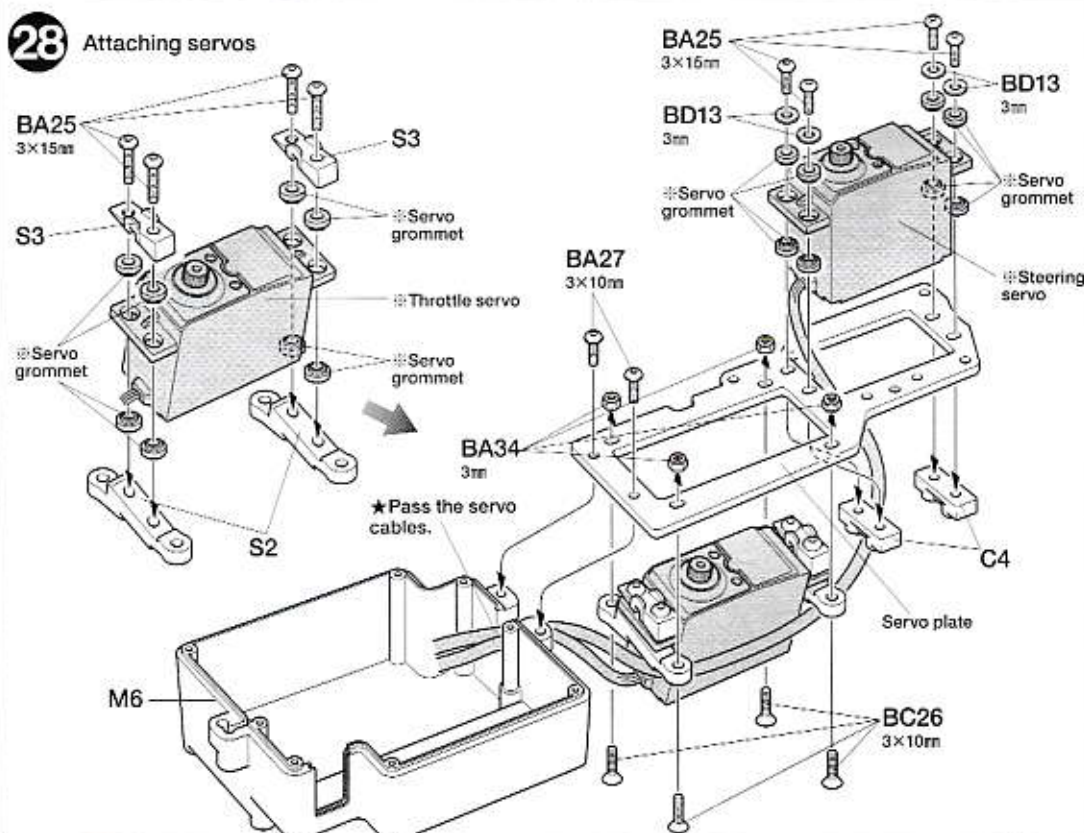
27

Attaching dampers



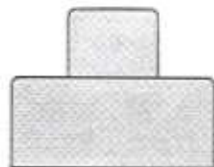
28

Attaching servos





29



BE10 x1  
Switch boot



BB12 x2  
3x8mm  
Button head screw



BE14 x2  
2x10mm Cap screw



BD12 x8  
2x6mm Cap screw



BB17 x1  
3x3mm Grub screw



BE16 x2  
2mm Washer



BE18 x2  
6mm Snap pin

30



BA27 x4  
3x10mm  
Button head screw



BC26 x4  
3x10mm  
Countersunk screw



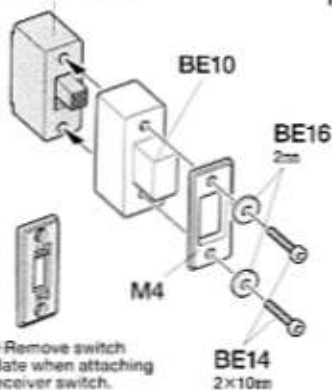
BE8 x2  
Mount screw



BE17 x2  
Snap pin (large)

## 29 Mechanism box

Receiver switch



Remove switch plate when attaching receiver switch.

Pass antenna.

BD12 2x6mm

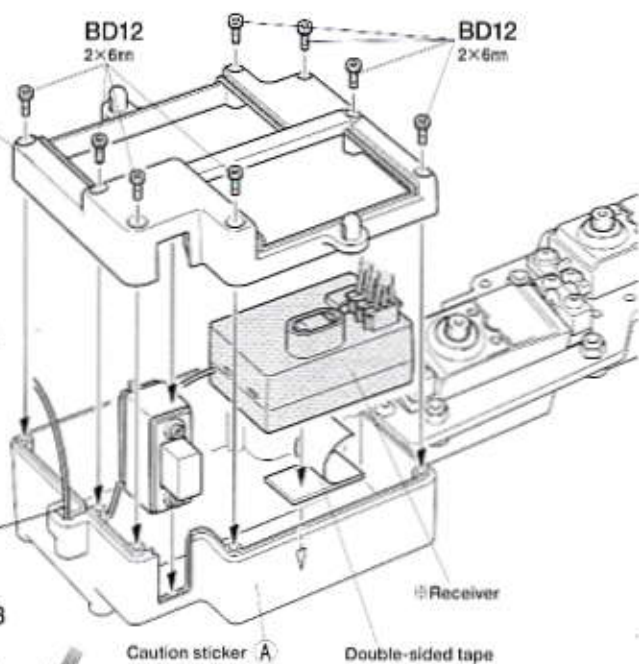
M2

BE10

BE16  
2mm

M4

BE14  
2x10mm



Receiver

Caution sticker A

Double-sided tape

M3

BE18  
6mm

M5

BE18  
6mm

Antenna pipe  
Pass antenna.

BB17  
3x3mm  
Secure antenna pipe with grub screw.

BB12  
3x8mm

M1

Receiver battery  
Install receiver battery to the chassis if it is a straight type. Refer to section 30.

## 30 Attaching mechanism box

BA27  
3x10mm

Mechanism box

Straight type receiver battery  
Remove M1 when attaching receiver battery to the location shown below.

BE17

N3

BE17

BE8

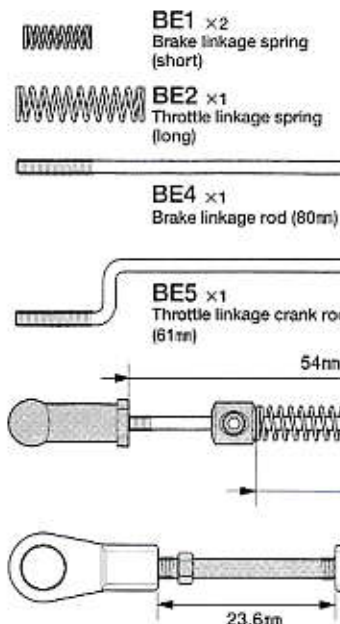
BE8

Receiver battery

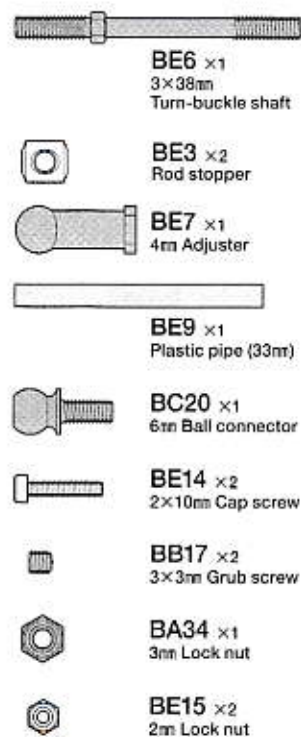
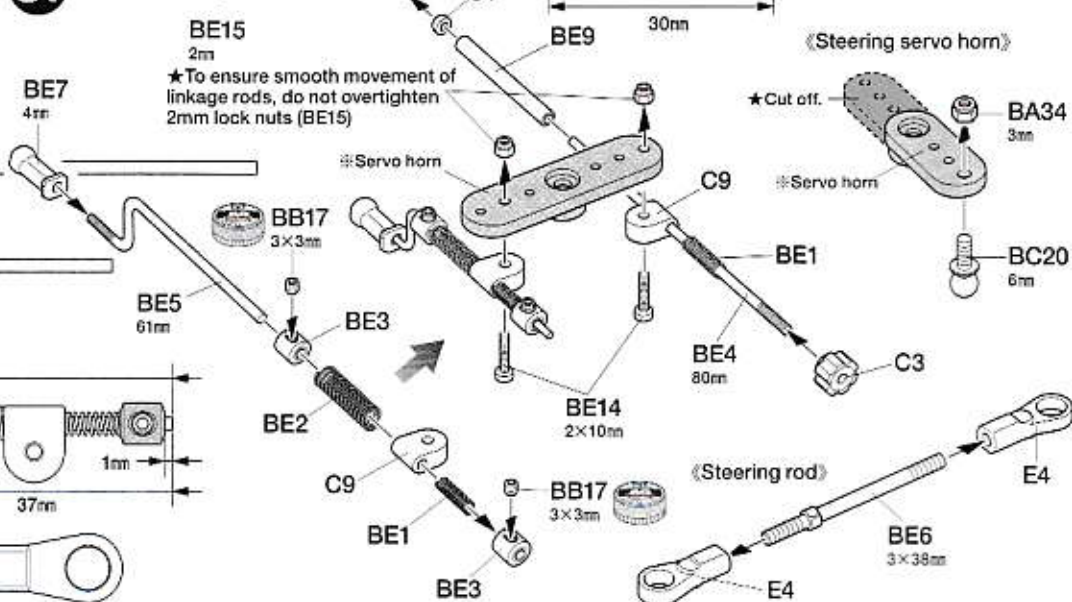
BC26  
3x10mm



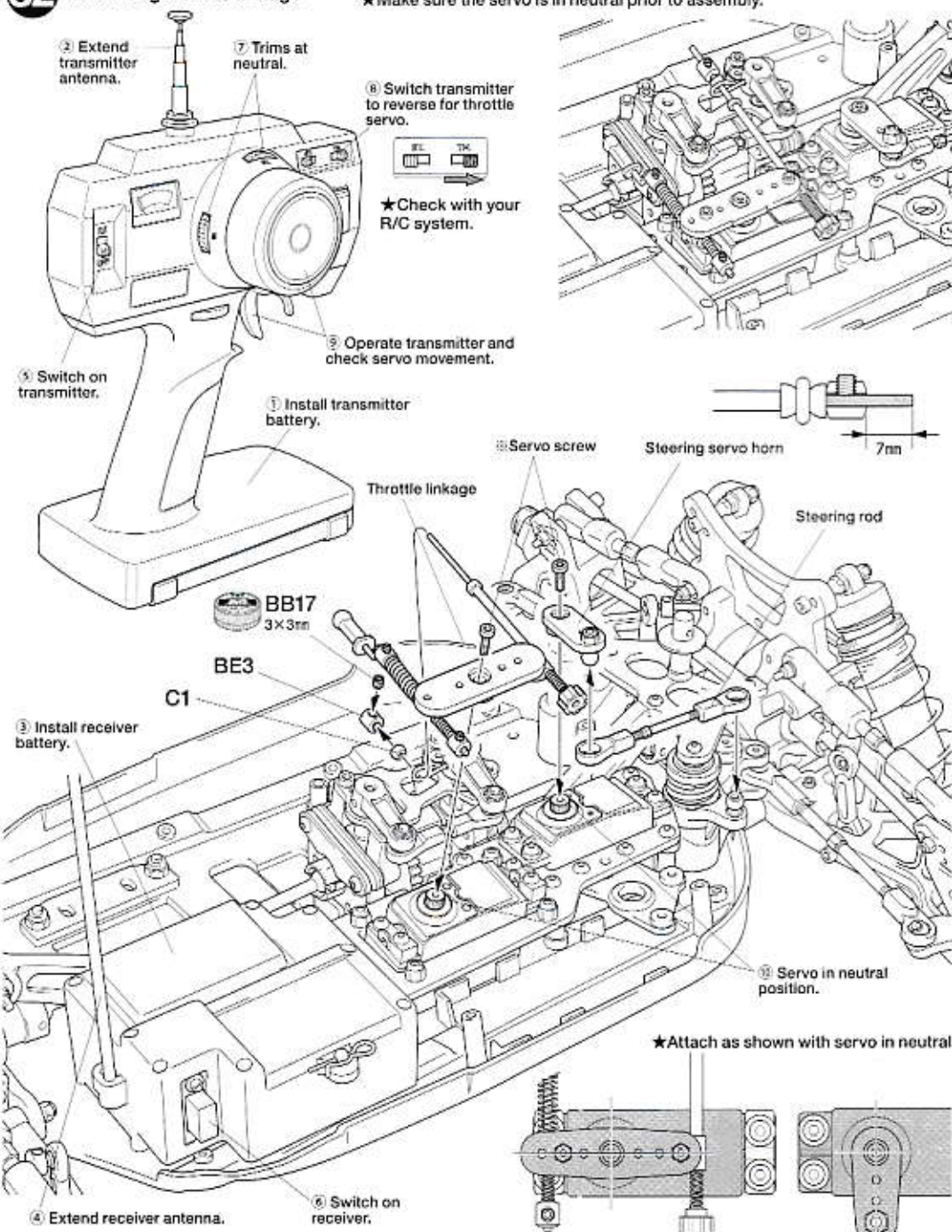
31



## 31 Throttle linkage



## 32 Attaching throttle linkage



32



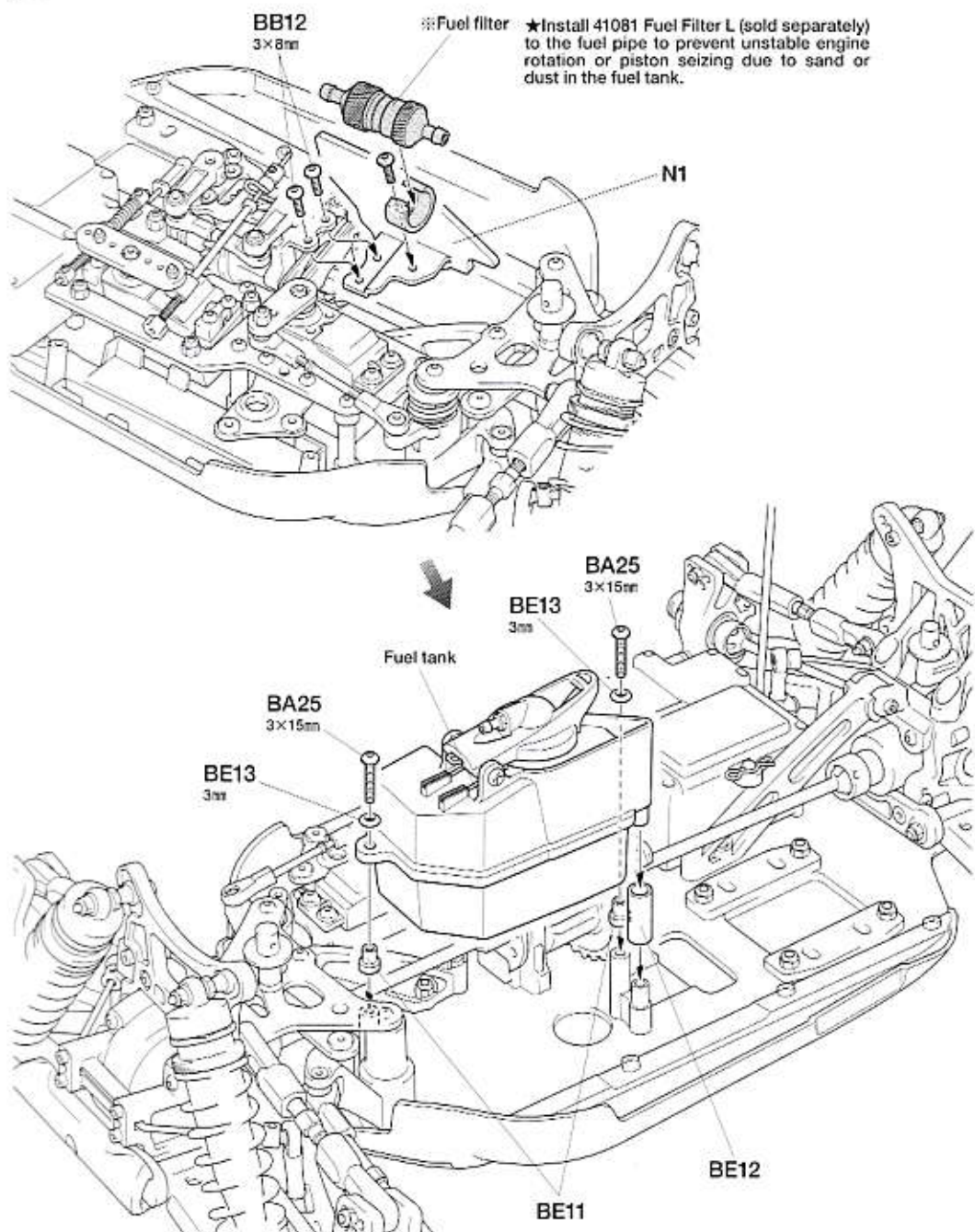


33

BE11 x2  
Tank bushingBE12 x1  
Overflow tubeBE13 x2  
3mm O-ringBA25 x2  
3x15mm  
Button head screwBB12 x2  
3x8mm  
Button head screw

33

## Attaching fuel tank

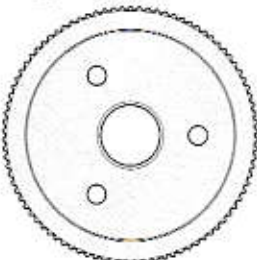


F

34~39

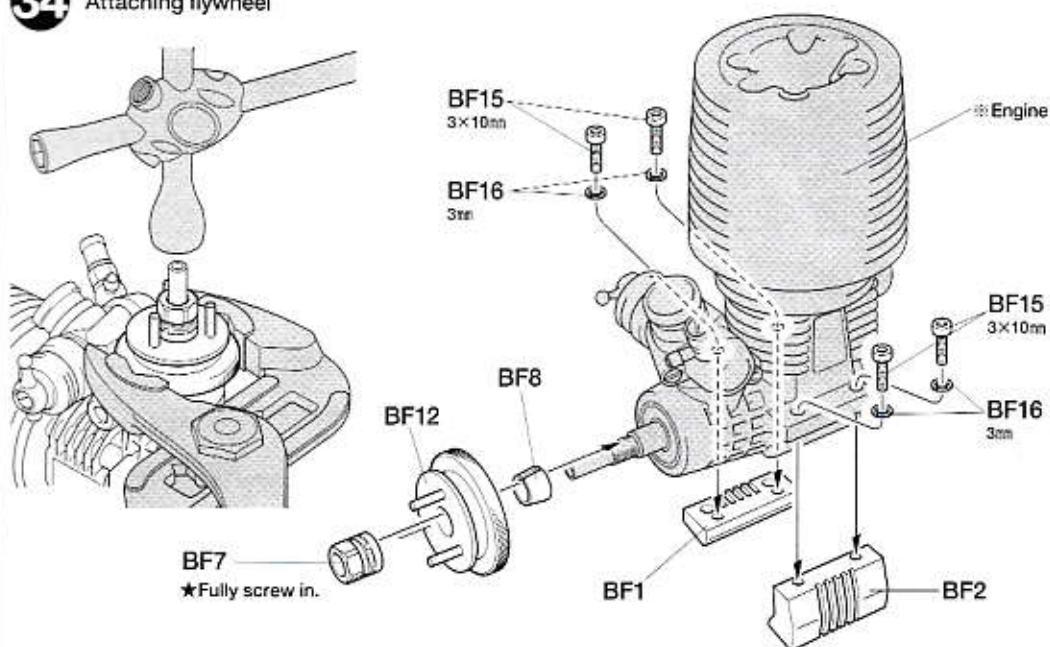
METAL PARTS BAG F

34

BF1 x1  
Engine mount (right)BF2 x1  
Engine mount (left)BF7 x1  
Pilot nutBF8 x1  
Clutch colletBF12 x1  
FlywheelBF15 x4  
3x10mm Cap screwBF16 x4  
3mm Spring washer

34

## Attaching flywheel





35



BF4 x2  
1050 Ball bearing



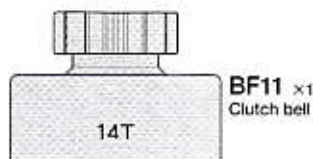
BF6 x1  
3mm Head washer



BF9 x3  
Clutch shoe



BF10 x3  
Clutch spring



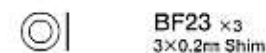
BF11 x1  
Clutch bell



BF15 x1  
3x10mm Cap screw



BF18 x1  
5x20x0.2mm Shim

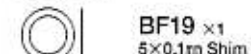


BF23 x3  
3x0.2mm Shim

★Adjustment shims



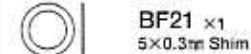
BF17 x1  
5x10x1mm Washer



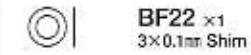
BF19 x1  
5x0.1mm Shim



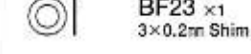
BF20 x1  
5x0.2mm Shim



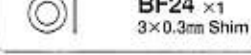
BF21 x1  
5x0.3mm Shim



BF22 x1  
3x0.1mm Shim

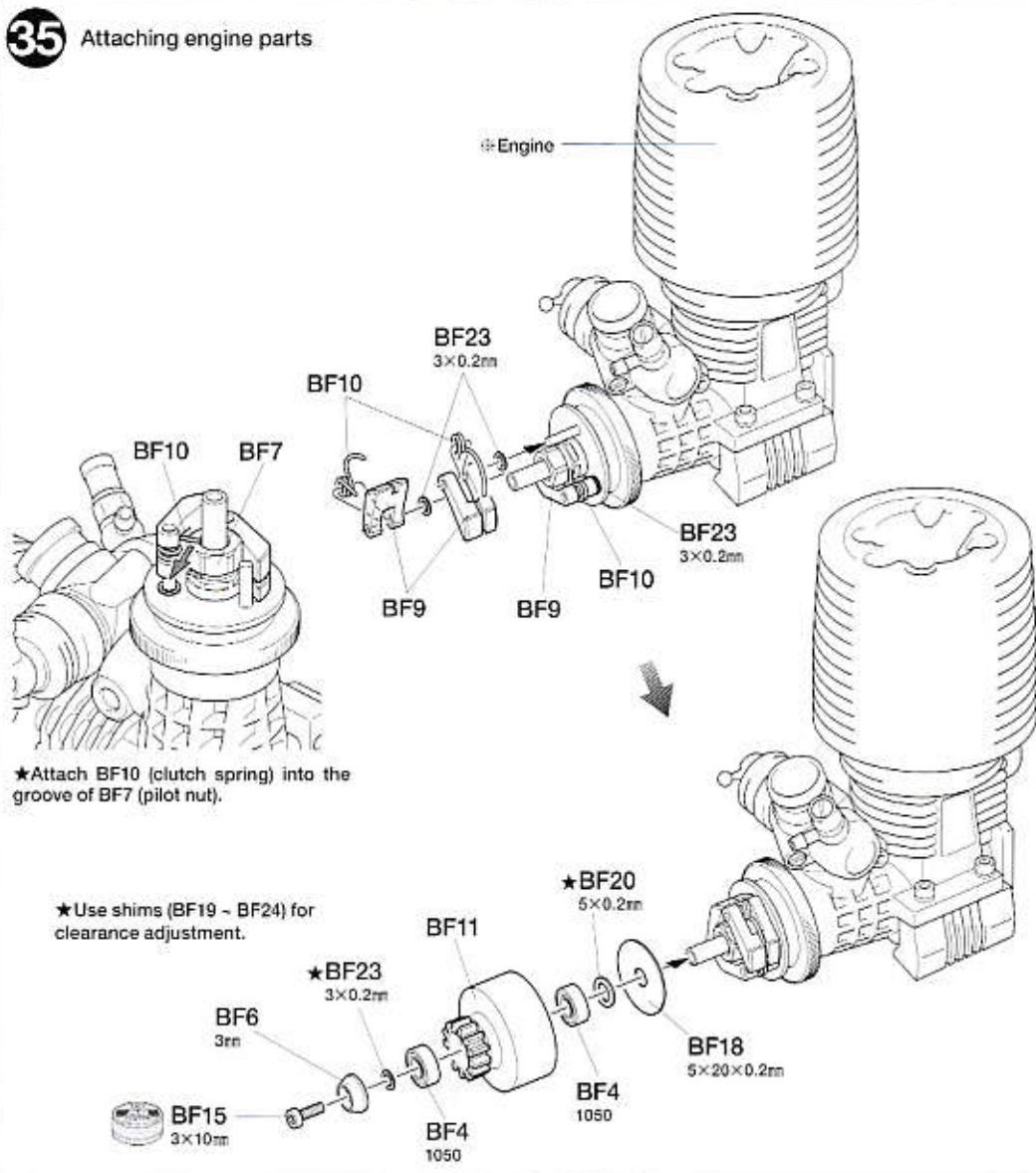


BF23 x1  
3x0.2mm Shim

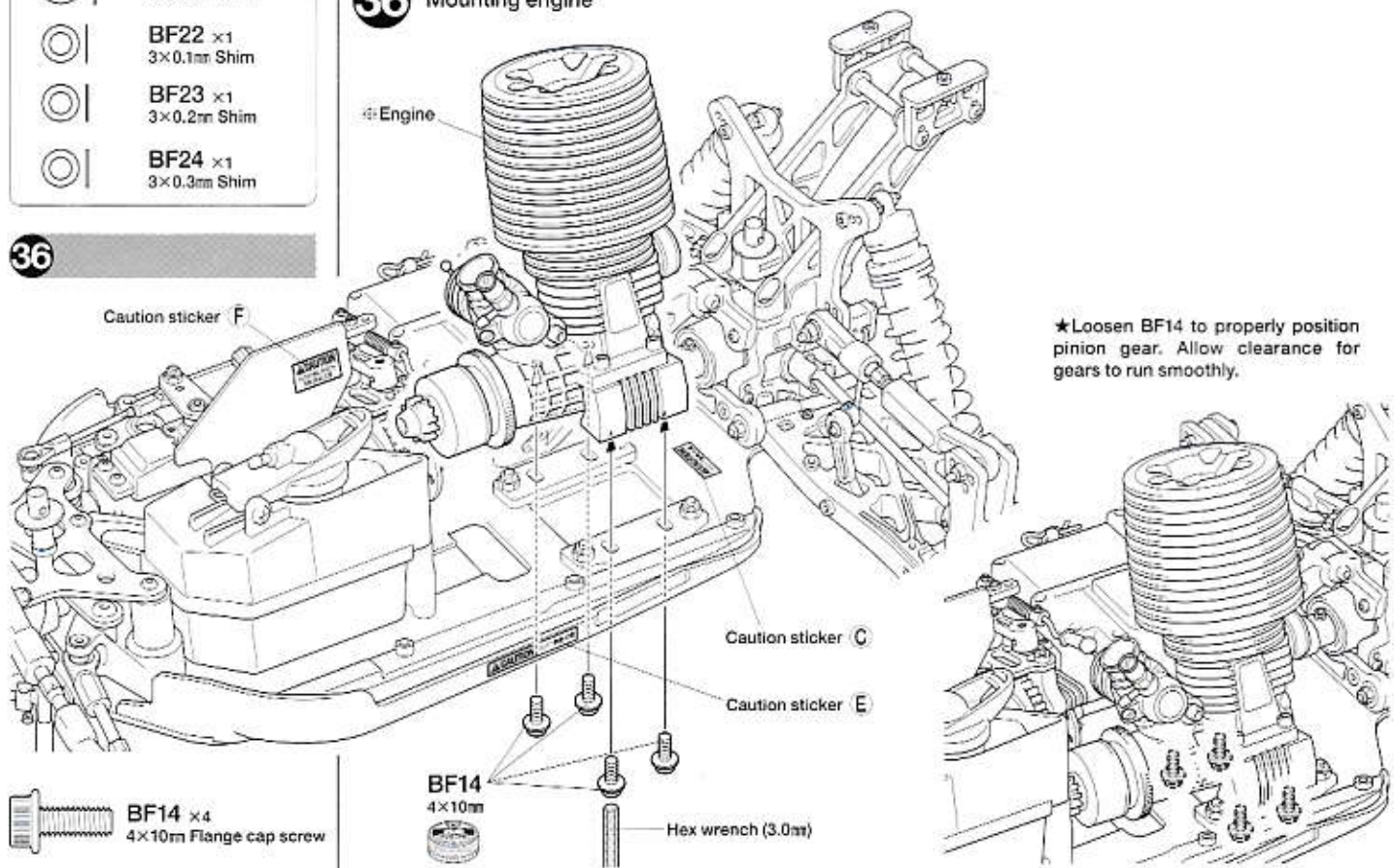


BF24 x1  
3x0.3mm Shim

### 35 Attaching engine parts



### 36 Mounting engine



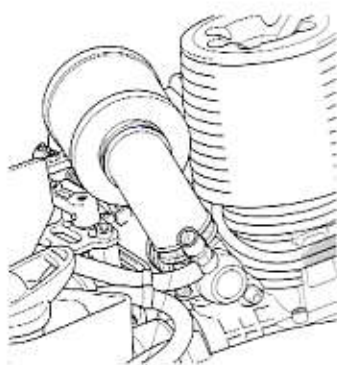
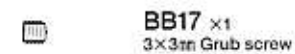
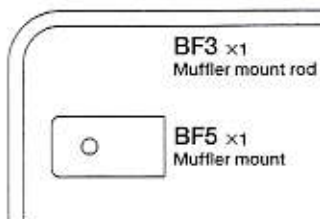
36



BF14 x4  
4x10mm Flange cap screw

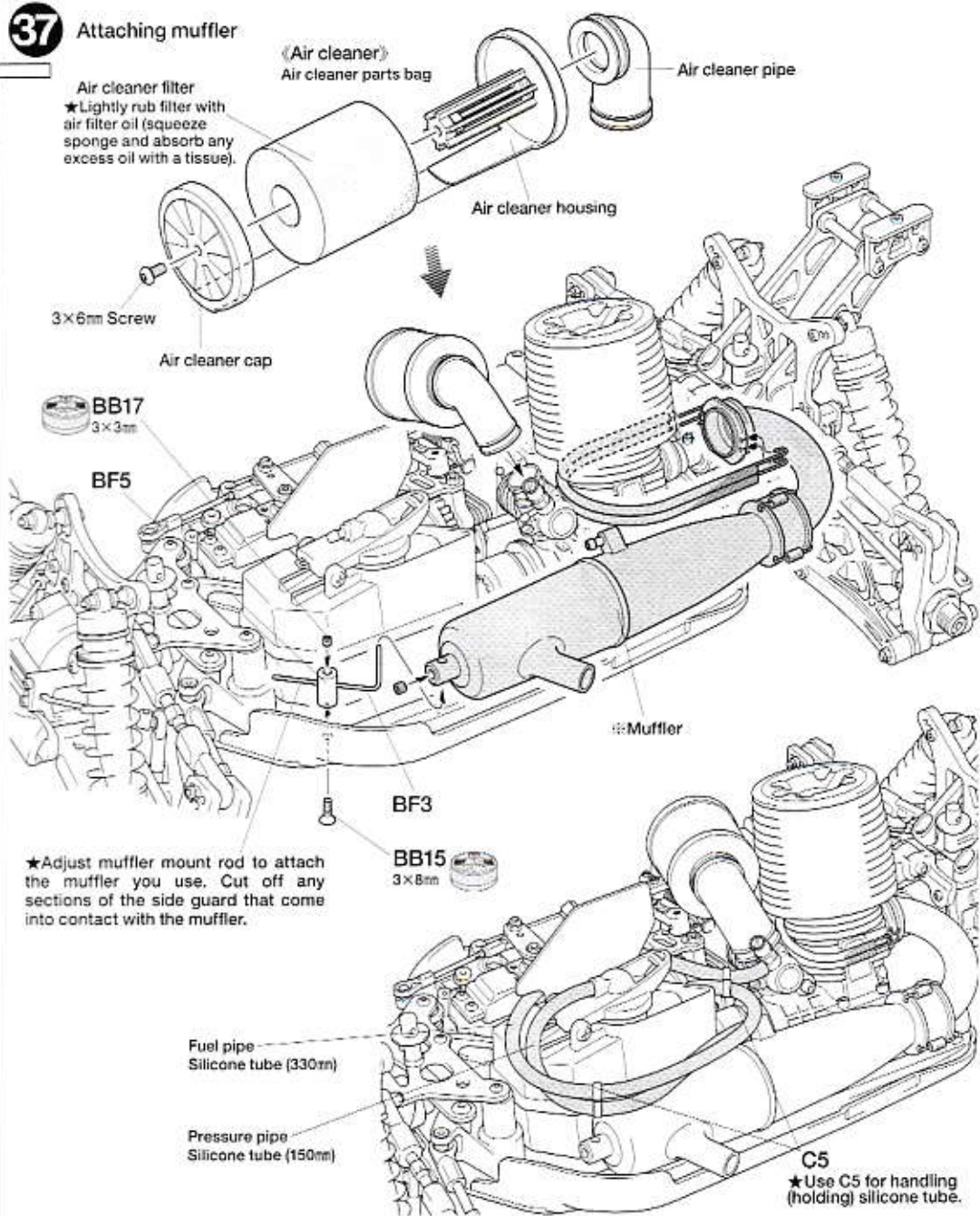


37

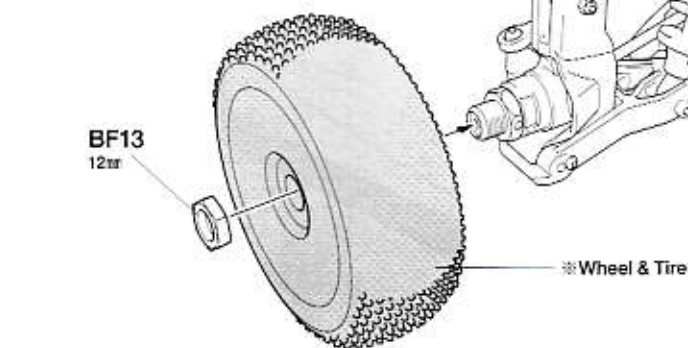


★Secure air cleaner pipe to engine with nylon band.

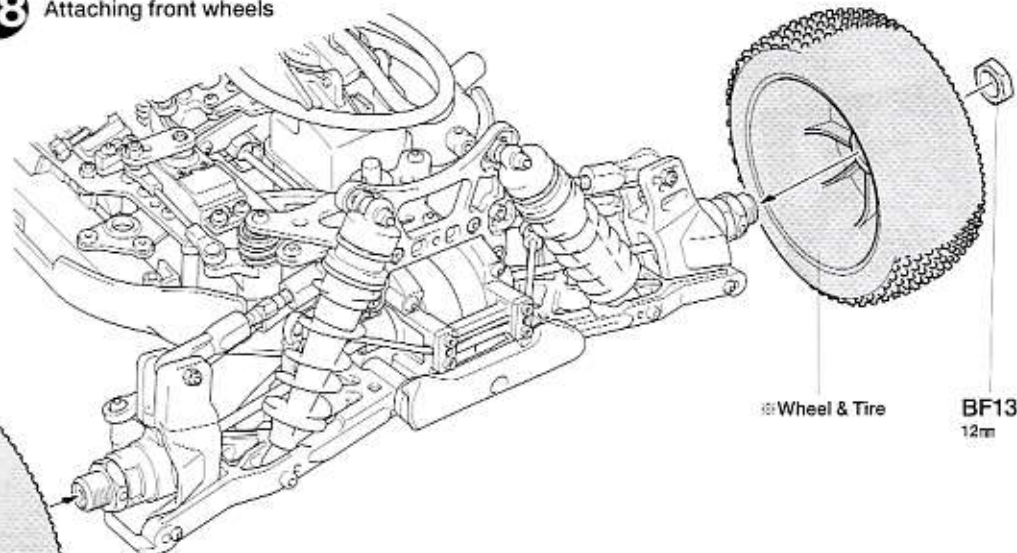
### 37 Attaching muffler



38

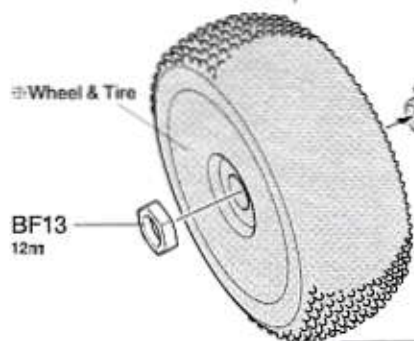


### 38 Attaching front wheels





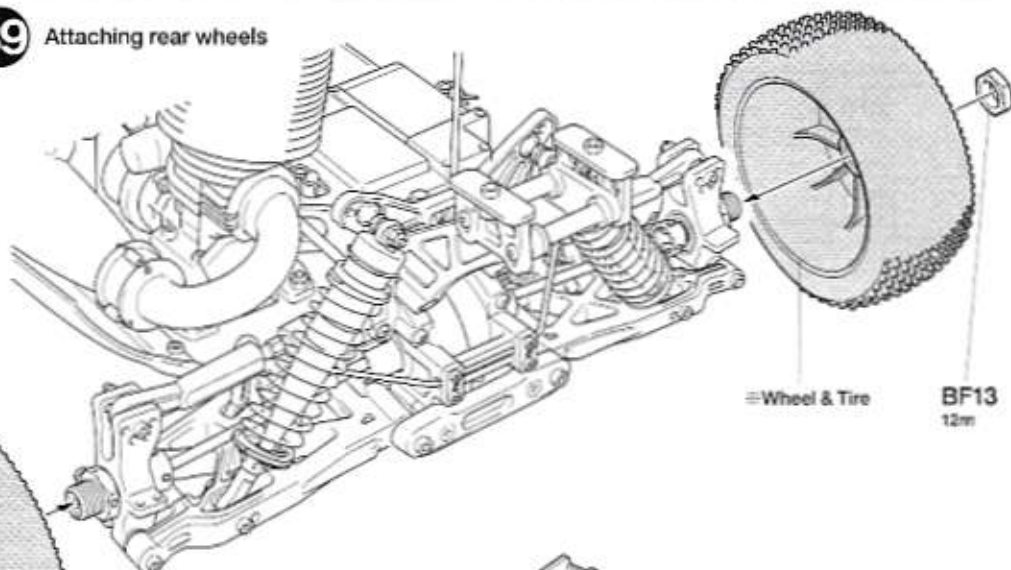
39

BF13 x2  
12mm Wheel nut

Wheel &amp; Tire

BF13  
12mm

## 39 Attaching rear wheels



Wheel &amp; Tire

BF13  
12mm

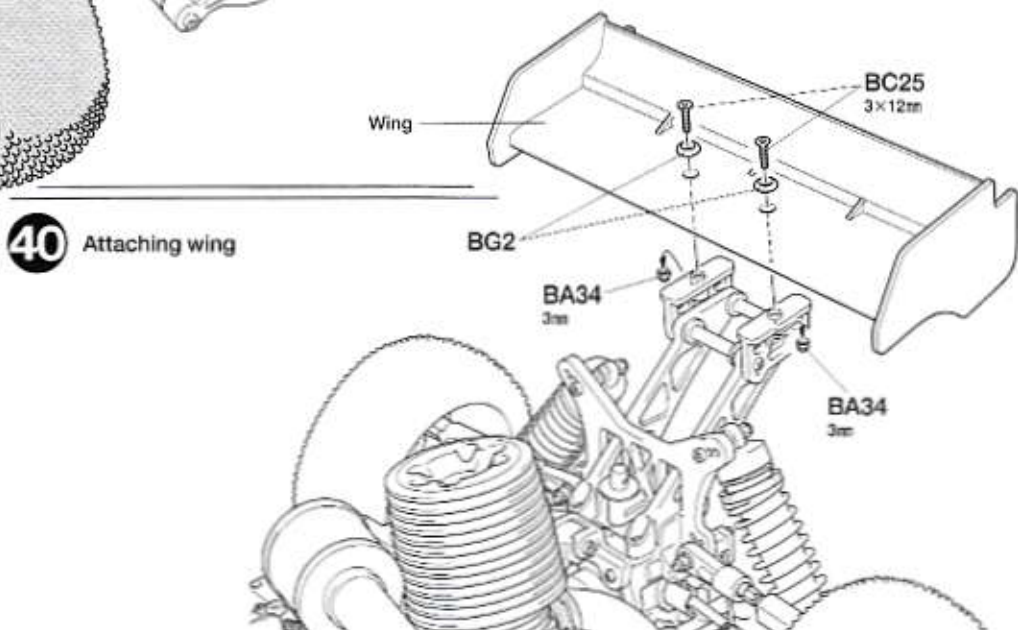
## 40 Attaching wing



40~44

METAL PARTS BAG G

40

BG2 x2  
Wing washerBC25 x2  
3x12mm  
Countersunk screwBA34 x2  
3mm Lock nut

Wing

BC25  
3x12mm

BG2

BA34  
3mmBA34  
3mm

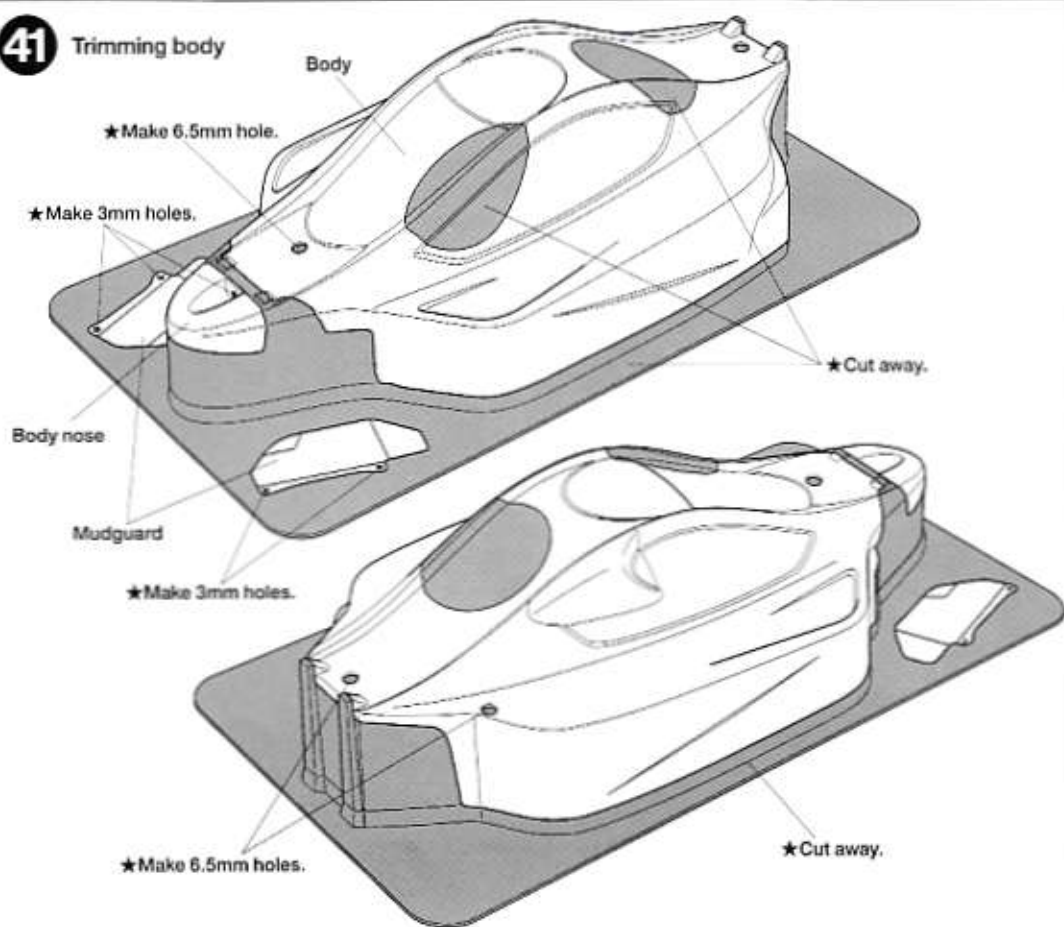
41

(Trimming)

## 41 Trimming body



★ Cut off using scissors or a modeling knife.



Body

★ Make 6.5mm hole.

★ Make 3mm holes.

★ Cut away.

Body nose

Mudguard

★ Make 3mm holes.

★ Make 6.5mm holes.

★ Cut away.



42

《Preparing body for painting》



★ Wash the body thoroughly with detergent in order to remove any oil, then rinse well and allow to air dry.

## PAINTING

Paint body from inside using polycarbonate paints.

《Stickers》

- ① Cut out each sticker from sticker sheet in numbered order allowing a slight border. Peel off surrounding border.
- ② Peel away the lining slightly and place the sticker in position on the body.
- ③ Remove the lining slowly. Be careful not to move the sticker out of position and not to leave air bubbles under the sticker.

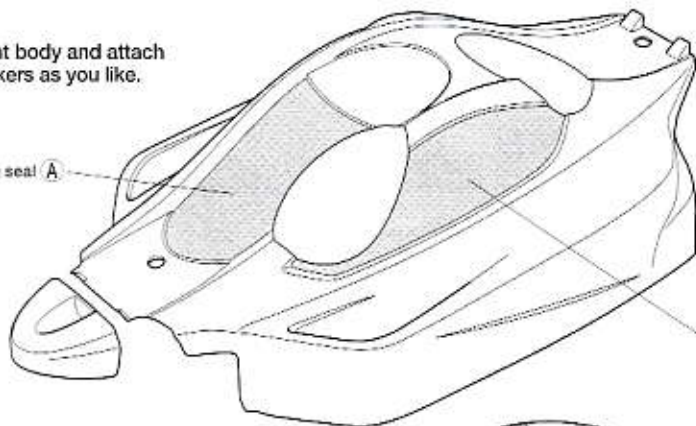
42

Painting and markings

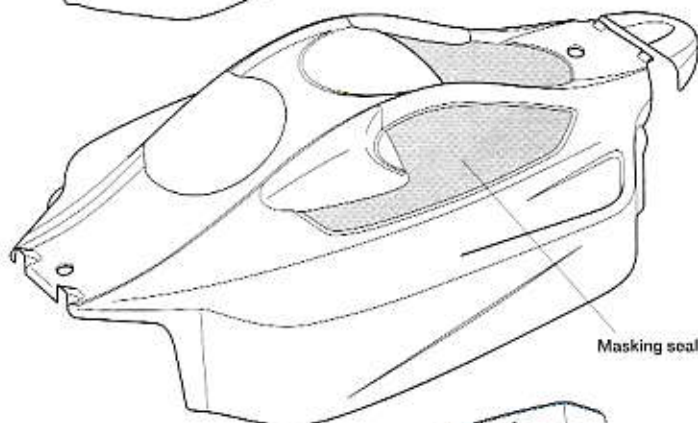
★ After paint has cured, remove protective coating prior to adding stickers.

Paint body and attach stickers as you like.

Masking seal A



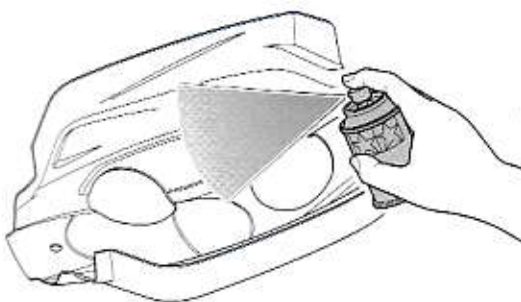
Masking seal B



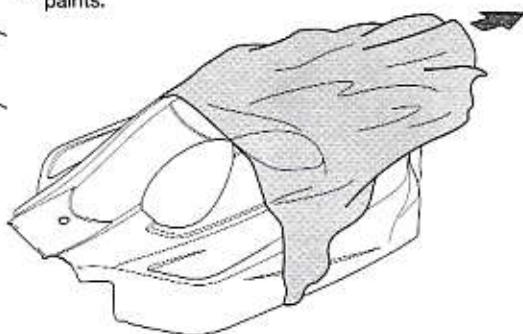
Masking seal C

《How to paint》

- ① ★ Mask off window areas using masking stickers.



- ② ★ Paint from inside using polycarbonate paints.



- ③ ★ After paint has cured, remove protective coating prior to adding stickers.

43

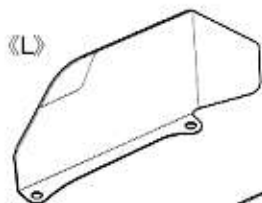
43

Attaching mudguard

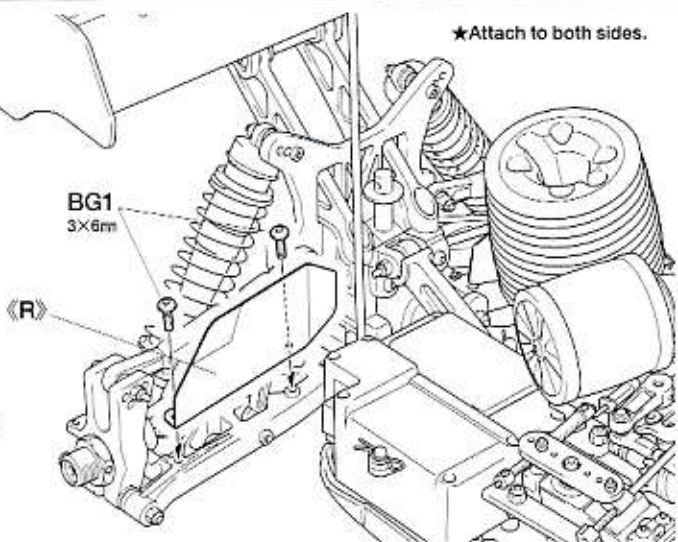
★ Attach to both sides.

★ Bend symmetrically.

《L》



《R》

BG1  
3×6mm

## TAMIYA COLOR CATALOGUE

The latest in cars, boats, tanks and ships. Motorized and museum quality models are all shown in full color in Tamiya's latest catalogue. English / Spanish, German / French and Japanese versions available.

TAMIYA COLOR  
Polycarbonate paints



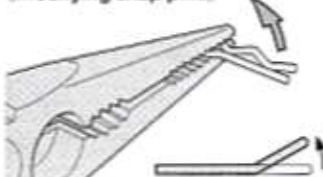


44

BB12 ×1  
3×8mm Button head screw  
9400776

BG3 ×2  
7mm Snap pin

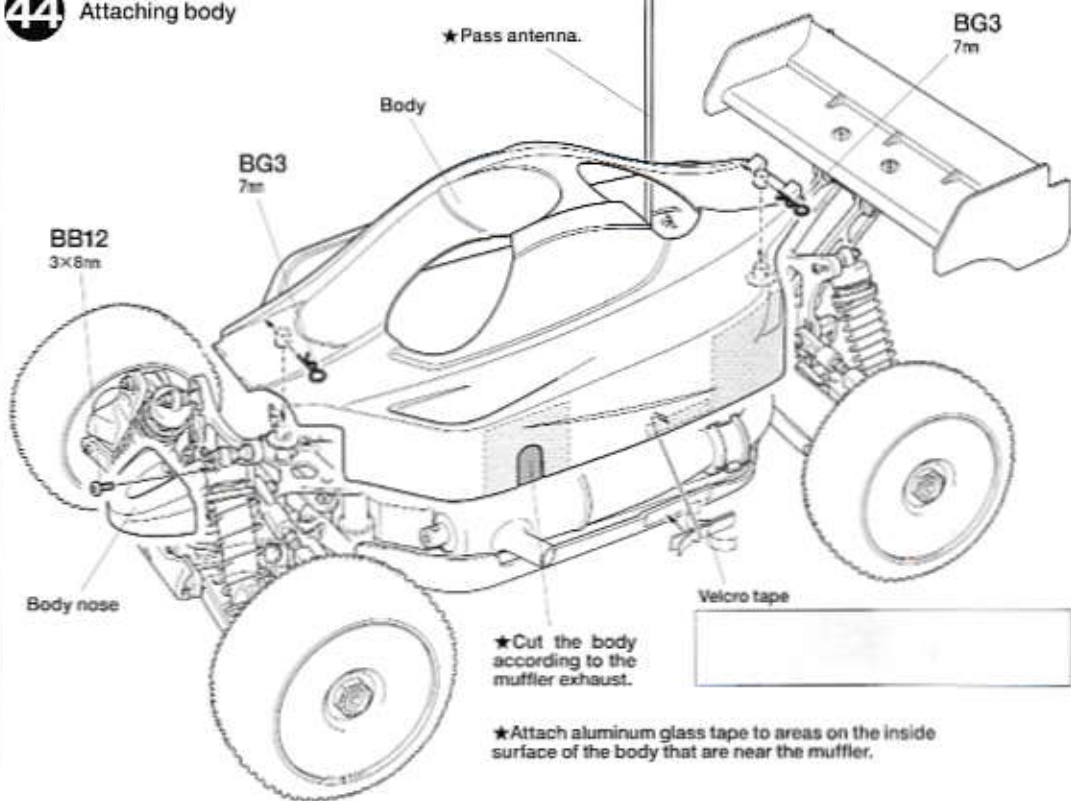
(Modifying snap pins)



★To make attaching / detaching easier, bend snap pins as shown. (2pcs.)

[www.tamiyausa.com](http://www.tamiyausa.com)

## 44 Attaching body



## Setting-up

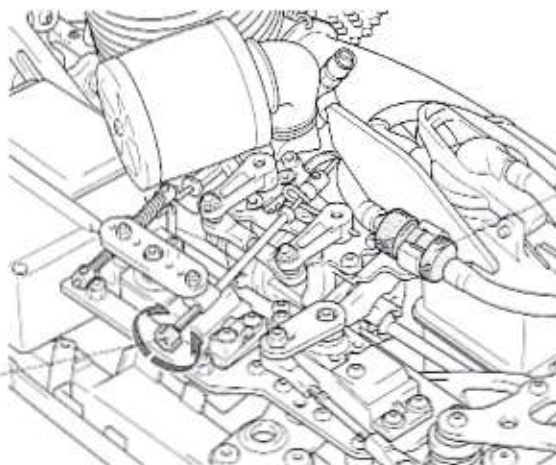
★To greatly enhance the overall performance of your car, it is necessary to tune the vehicle to the track (and its surface conditions) on which you will be racing. Make adjustments referring to the instruction manual, keeping in mind that "balance" is the key word.

### ●BRAKE ADJUSTMENTS

Brake may require adjustment after running. If adjustment is ineffective or brake parts are worn out, replace brake pads and brake rotors.

★Tightening C3 will quicken the brake response and loosening will delay the response.

C3

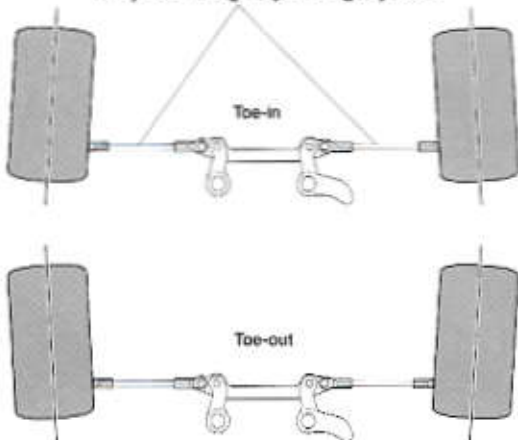


★Running on a sandy or a dusty area may cause malfunction of R/C equipment or engine. Follow the instructions outlined below for dust proofing before running on such surfaces. Install 41081 Fuel Filter L (sold separately) to the fuel pipe to prevent unstable engine rotation or piston seizing due to sand or dust in the fuel tank.

### ●TOE-IN AND TOE-OUT

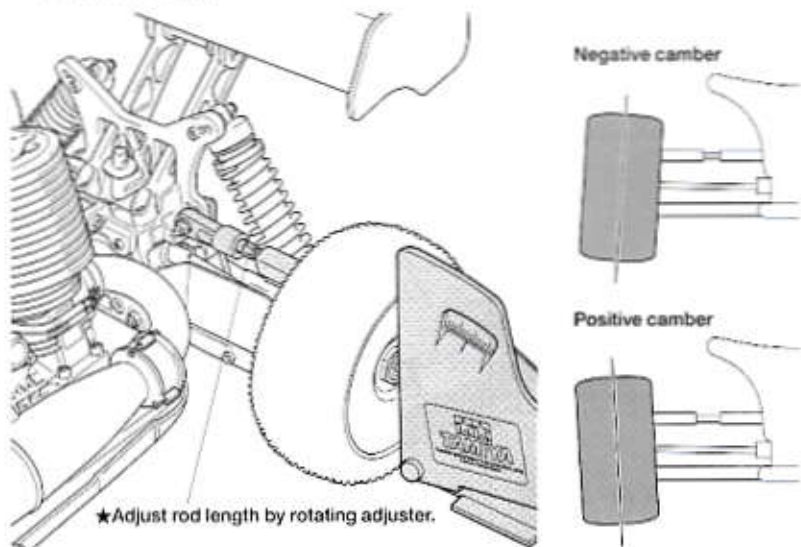
Adjusting the car to toe-in a little, by pointing the wheels inwards, provides the car with good straight running and moderate steering characteristics. Toe-out, which point the wheels outwards, gives sharp and crisp steering. Take care not to overdo. Begin with a little toe-in and work from there.

★Adjust rod length by rotating adjuster.



### ●CAMBER ANGLE

While taking the corners, the car is forced to go outwards, causing instability. The area of contact on each tire is determined by the camber angle, and therefore the traction of the tires can be made greater or lesser by adjustment of camber angle. To increase traction during cornering, adjust camber angle to negative, and to reduce traction, adjust to positive camber.





**CAUTIONS TO OBSERVE WHEN OPERATING R/C MODELS**

To avoid serious personal injury and/or property damage, operate all remote controlled models in a responsible manner as outlined below. Operate in a wide open space that will not inconvenience others.

- Never run R/C models near people or animals, nor use people or animals as obstacles.
- Never run R/C models on streets or highways, as it could cause a serious traffic accident.
- Avoid running R/C models in restricted, confined or crowded areas to prevent damage to property and/or personal injury.
- Be aware of your environment. Do not operate your model in an area where noise might disturb others.
- Make sure that no one else is using the same frequency at the same time, whether it is driving, flying or sailing, as it can cause loss of control of the R/C models, resulting in serious accidents.

**INSPECTION BEFORE OPERATION**

- 1** Make sure that screws & nuts are properly secured/tightened.
- 2** Make sure that batteries for transmitter and receiver are fresh. Flat batteries can cause model to run out of control.
- 3** Adjust steering servo and trim so that the model runs straight with transmitter in neutral.
- 4** Double check throttle valve for idle (neutral position). Improper adjustment can result in an out of control model.
- 5** Double check needle valve for correct setting. Engine may not start when needle valve is not properly set.
- 6** Make certain that air cleaner and muffler are clean and properly installed. Never run without these components as it can damage model.
- 7** Make certain that tubing/pipes are not clogged or cracked, as it can cause leaks and engine failure.
- 8** Apply grease to gears, bearings, etc.

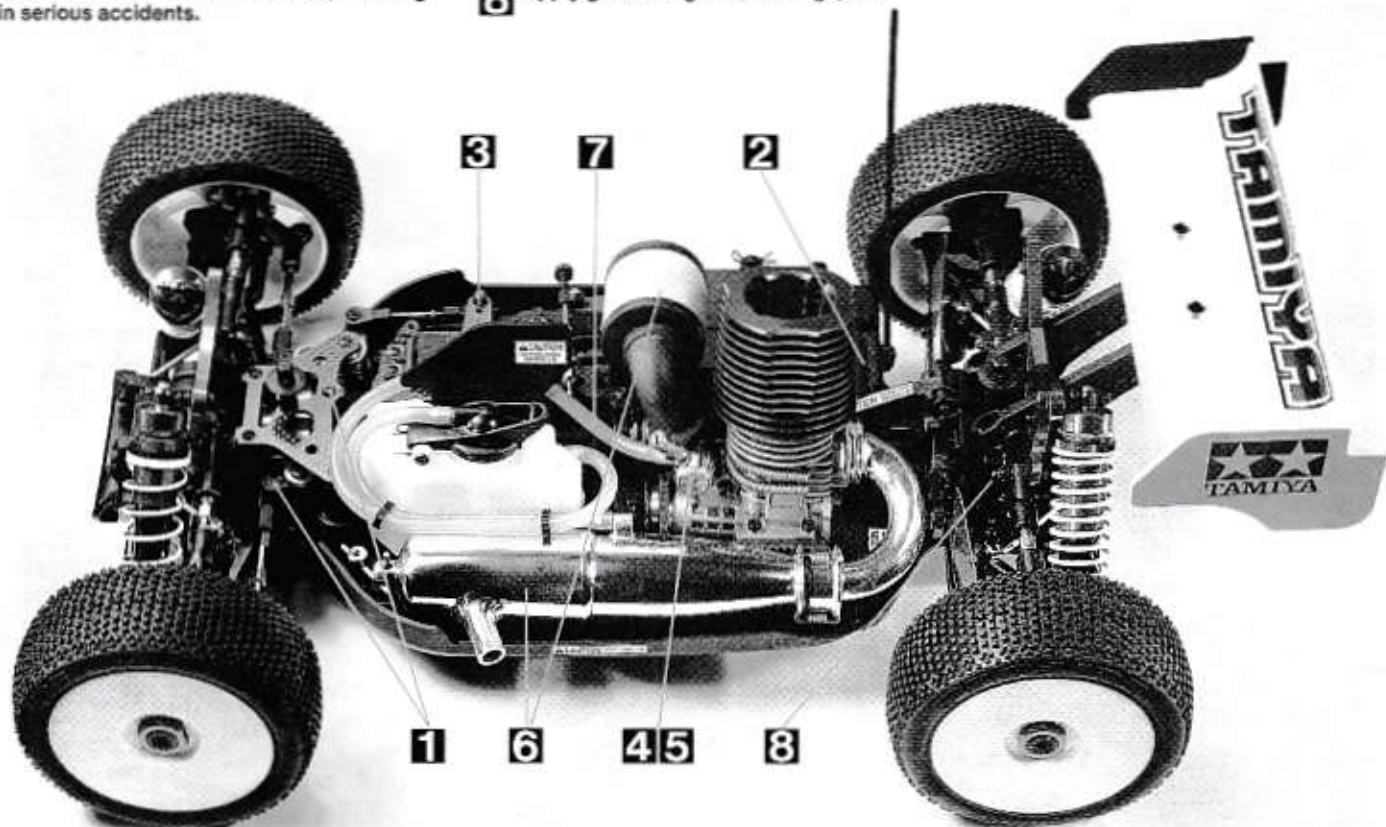
**HEAT, FIRE AND FUEL SAFETY**

★ Use only approved glow engine fuels. Glow fuels are extremely flammable. Do not drink or inhale fumes. Avoid eye & skin contact. Use only in a well ventilated area. Keep away from heat and open flame. Keep away from children. Improper use of glow fuels can result in serious injury and/or property damage.

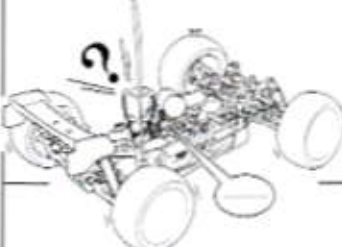
**MAINTENANCE AFTER RUNNING**

★ Vehicle components such as the engine, muffler, etc. become extremely hot during use and can cause burns if touched. Allow to cool before cleaning and maintenance.

- Remove fuel from fuel tank and silicone tube after use.

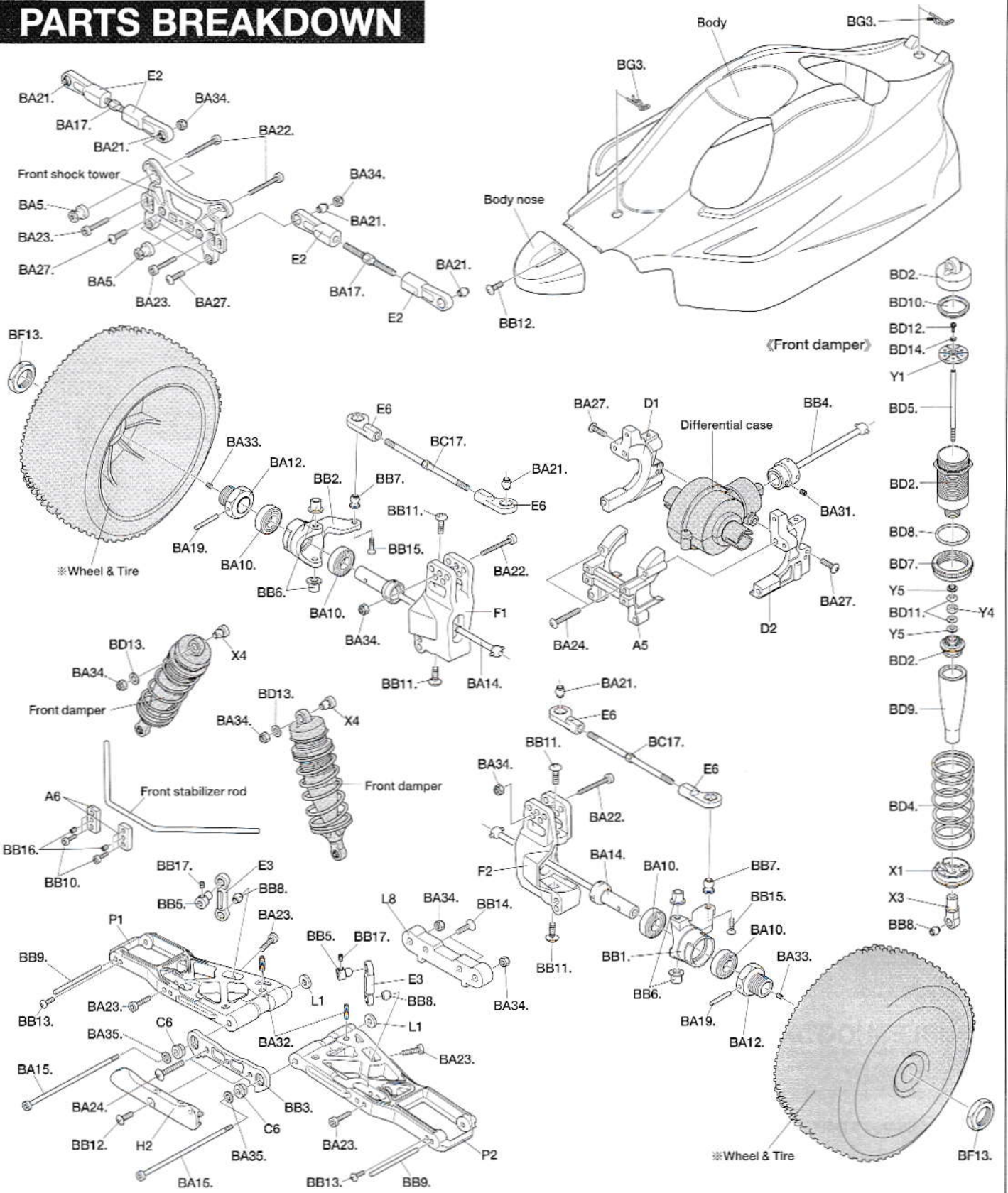
**TROUBLESHOOTING GUIDE**

★ Before sending your R/C model in for repair, check it again using the below diagram.

PROBLEM	CAUSE	REMEDY
<b>ENGINE DOES NOT START</b> 	<ul style="list-style-type: none"> <li>● Empty fuel tank. Throttle valve not primed.</li> <li>● Dead plug and/or dead glow plug heater battery.</li> <li>● Clogged fuel filter, muffler or air cleaner.</li> <li>● Over choked (over primed). Cylinder flooded with fuel.</li> <li>● Bad throttle valve adjustment.</li> </ul>	<ul style="list-style-type: none"> <li>● Fill fuel tank with glow fuel and prime throttle valve.</li> <li>● Replace with new plug and/or plug heater battery.</li> <li>● Clean or replace.</li> <li>● Remove plug and discharge fuel. Check plug operation (connect to a fresh battery and check for a bright orange glow).</li> <li>● Set needle valve and idle to standard position.</li> </ul>
<b>ENGINE STALLS</b>	<ul style="list-style-type: none"> <li>● Clogged fuel filter, muffler or air cleaner.</li> <li>● Over heat.</li> <li>● Bad throttle valve adjustment.</li> <li>● Pressure and fuel pipes are not installed properly.</li> </ul>	<ul style="list-style-type: none"> <li>● Clean or replace.</li> <li>● Thoroughly cool engine and close needle valve 1/8 turn.</li> <li>● Adjust using needle valve.</li> <li>● Properly install pipes.</li> </ul>
<b>BAD CONTROL</b>	<ul style="list-style-type: none"> <li>● Weak batteries in transmitter and receiver.</li> <li>● Transmitter and receiver antenna not fully extended.</li> <li>● Bad servo linkage adjustment.</li> </ul>	<ul style="list-style-type: none"> <li>● Install fresh batteries.</li> <li>● Fully extend antennas.</li> <li>● Adjust with servo in neutral.</li> </ul>



# PARTS BREAKDOWN



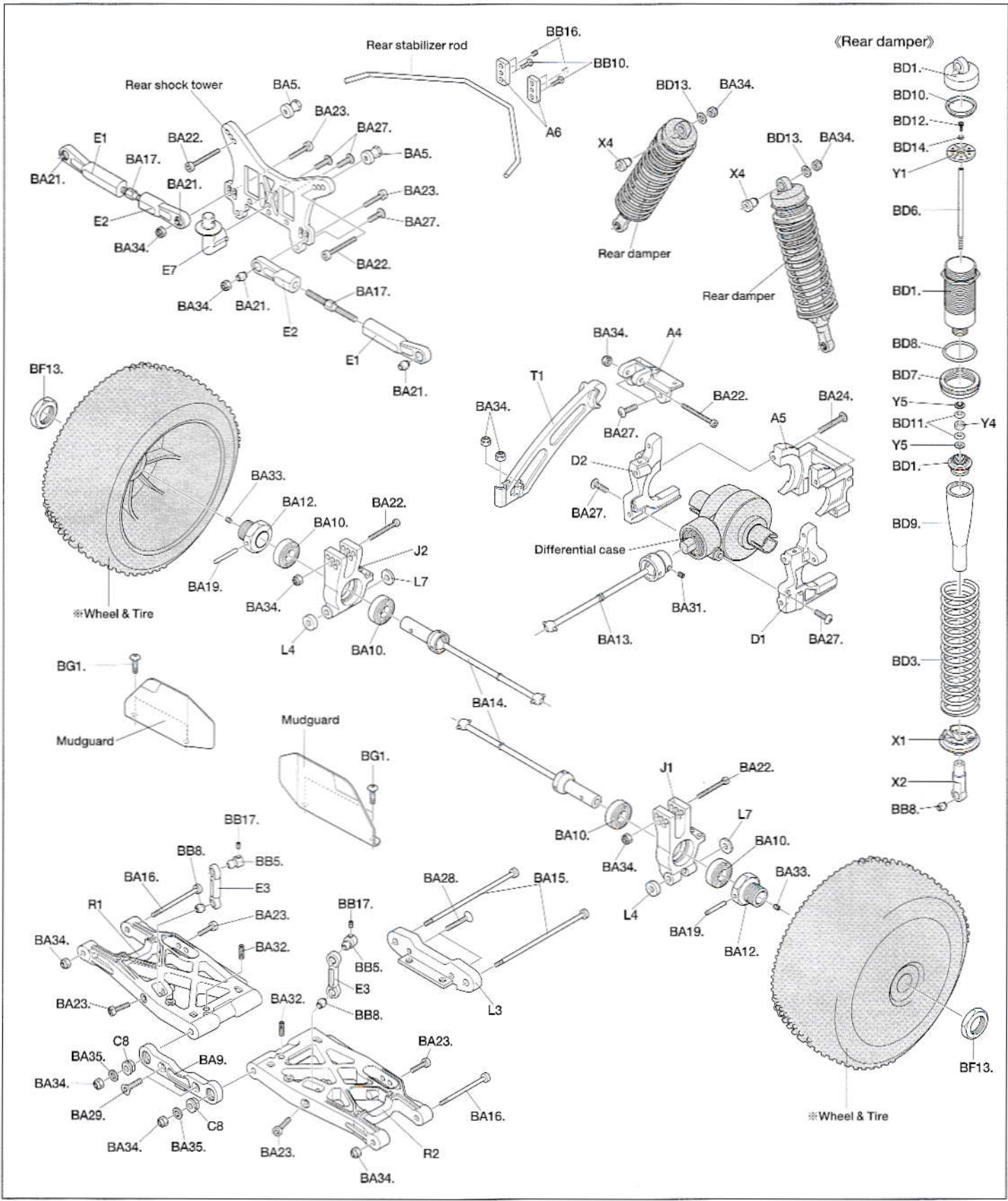
## PARTS CODE

● A parts (A1 - A8) .....	19004251
● C parts (C1 - C11) .....	19004252
● D parts (D1 & D2) .....	19004253
● E parts (E1 - E7) .....	19004254
● F parts (F1 & F2) .....	19004255
● G parts (G1) .....	19004241
● H parts (H1 - H4) .....	19004235
● J parts (J1 & J2) .....	19114048
● K parts (K1 & K2) .....	19114060
● L parts (L1 - L9) .....	19114050
● M parts (M1 - M8) .....	19114051
● N parts (N1 - N4) .....	19114061
● P parts (P1 & P2) .....	19114062
● R parts (R1 & R2) .....	19114063
● S parts (S1 - S4) .....	19114064
● T parts (T1 - T3) .....	19224033
● X parts (X1 - X4) .....	19224030
● Y parts (Y1 - Y5) .....	19224031
● Chassis .....	19400967
● Fuel tank .....	19400952
● Body .....	19334130

● Wing .....	19334126
● Antenna pipe .....	16094007
● METAL PARTS BAG A	
Rear shock tower .....	19400960
BA1. Ring gear .....	19400964
BA2. Pinion gear .....	19400965
BA3. Diff. gear 20T .....	19404943
BA4. Diff. gear 10T .....	19404943
BA5. Upper shock mount .....	19404949
BA6. Wing brace .....	19404961
BA7. Diff. drive cup .....	19404963
BA8. Diff. gasket .....	19404970
BA9. Rear susp. block .....	19404929
BA10. 1680 Ball bearing .....	19805549
BA11. Diff. case ring .....	19404995
BA12. 17mm Wheel hub .....	19400963
BA13. Center drive shaft (rear) .....	19400951
BA14. Drive shaft .....	19400949
BA15. Inner hinge pin .....	19404946
BA16. Outer hinge pin (rear) .....	19404948
BA17. 5×50mm Turn-buckle shaft .....	19404964
BA18. Diff. shaft .....	19404943

BA19. 2.6×17mm Shaft .....	19404952
BA20. 2.6×13.8mm Shaft .....	19404943
BA21. 7mm Ball collar .....	19404940
BA22. 3×25mm Cap screw .....	19400774
BA23. 3×18mm Cap screw .....	19400773
BA24. 3.5×25mm Button head screw .....	19400789
BA25. 3×15mm Button head screw .....	19400779
BA26. 3×12mm Button head screw .....	19400778
BA27. 3×10mm Button head screw .....	19400777
BA28. 3.5×25mm Countersunk screw .....	19400788
BA29. 3.5×12mm Countersunk screw .....	19400786
BA30. 3×15mm Countersunk screw .....	19400784
BA31. 5×5mm Grub screw .....	19808090
BA32. 4×12mm Grub screw .....	19400792
BA33. 4×4mm Grub screw .....	19804204
BA34. 3mm Lock nut .....	19804364
BA35. 4mm Washer .....	19804370
BA36. 13×0.2mm Shim .....	19400949
BA37. 4×0.2mm Shim .....	53586
BA38. 6mm O-ring .....	19400795
● METAL PARTS BAG B	
Front shock tower .....	19400959



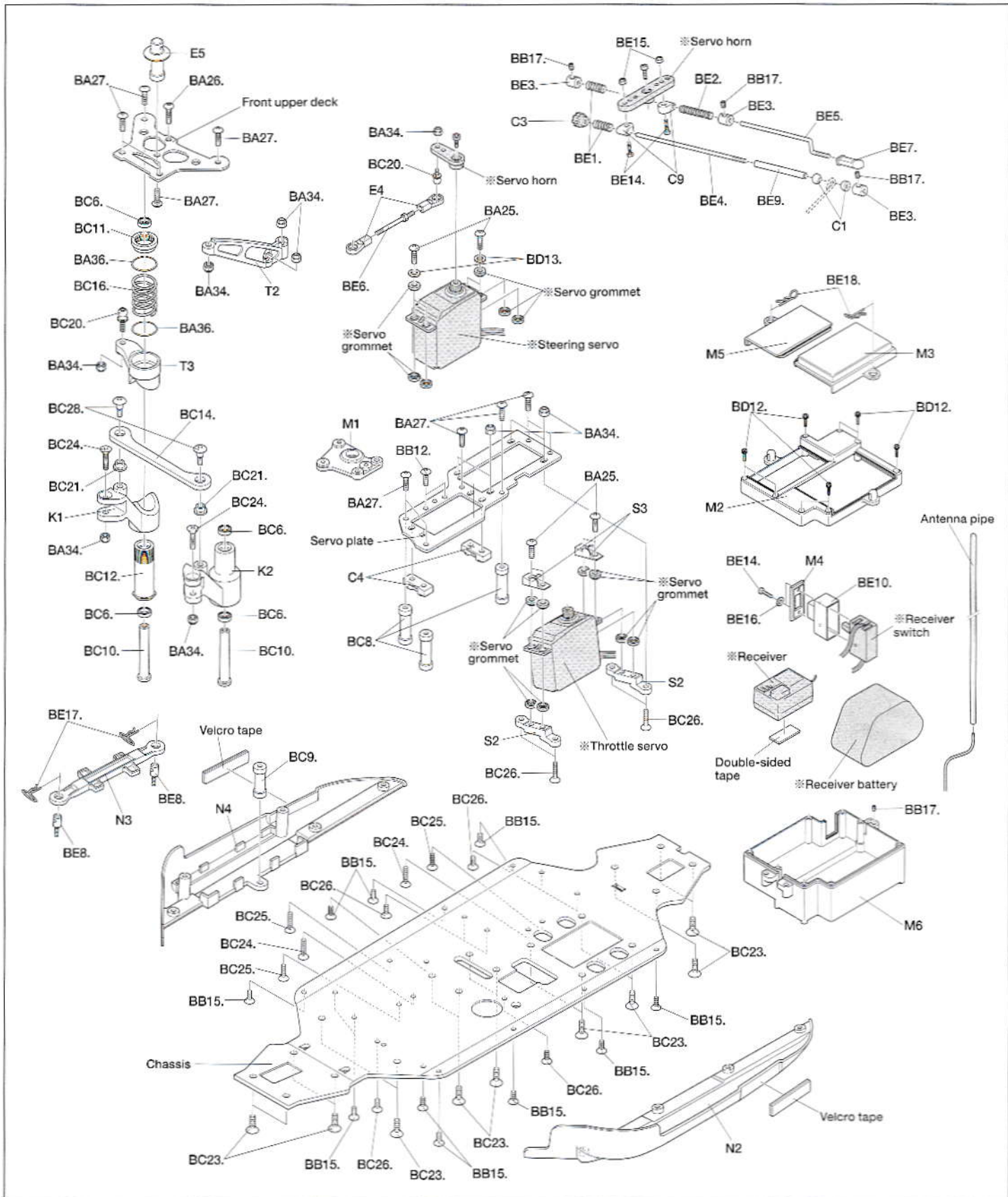


Rear stabilizer rod	19400970
Front stabilizer rod	19400969
BB1. Steering knuckle (left)	19400956
BB2. Steering knuckle (right)	19400957
BB3. Front susp. block	19404920
BB4. Center drive shaft (front)	19400958
BB5. 6mm Ball end	19804369
BB6. Steering knuckle collar	19404945
BB7. 7mm Ball nut	19404942
BB8. 6mm Ball collar	19804329
BB9. 3x34.8mm Shaft	19400955
BB10. 2.5x8mm Cap screw	19400770
BB11. 4x10mm Button head screw	19400780
BB12. 3x8mm Button head screw	19400776
BB13. 2.5x6mm Button head screw	19400972
BB14. 3.5x16mm Countersunk screw	19400787
BB15. 3x8mm Countersunk screw	19400781
BB16. 3x4mm Grub screw	19400974
BB17. 3x3mm Grub screw	50576
BA5. Upper shock mount	19404949
BA10. 1680 Ball bearing	19805549
BA12. 17mm Wheel hub	19400963

BA14. Drive shaft	19400949
BA15. Inner hinge pin	19404946
BA17. 5x50mm Turn-buckle shaft	19404964
BA19. 2.6x17mm Shaft	19404952
BA21. 7mm Ball collar	19404940
BA22. 3x25mm Cap screw	19400774
BA23. 3x18mm Cap screw	19400773
BA24. 3.5x25mm Button head screw	19400789
BA27. 3x10mm Button head screw	19400777
BA31. 5x5mm Grub screw	19808090
BA32. 4x12mm Grub screw	19400792
BA33. 4x4mm Grub screw	19804204
BA34. 3mm Lock nut	19804364
BA35. 4mm Washer	19804370
● METAL PARTS BAG C	
Front upper deck	19400946
Center diff. upper deck	19404919
BC1. Spur gear	19400966
BC2. Brake cam	19404937
BC3. Brake arm	19404979
BC4. Brake caliper (silver)	19404972
BC5. Brake pad (blue)	19400948

BC6. 1060 Ball bearing	53270
BC7. Center drive cup	19404962
BC8. Radio tray post	19404936
BC9. Radio tray post (short)	19400961
BC10. Steering post	19404939
BC11. Servo saver adjuster	19404938
BC12. Servo saver tube	19404938
BC13. Brake rotor	19404971
BC14. Ackerman plate	19400968
BC15. Engine mount plate	19404973
BC16. Servo saver spring	19404984
BC17. 4x61mm Turn-buckle shaft	19400954
BC18. 3x18mm Turn-buckle shaft	19400796
BC19. 2x10mm Shaft	50594
BC20. 6mm Ball connector	19404941
BC21. Steering bushing collar	19400962
BC22. 3x30mm Cap screw	19400775
BC23. 4x12mm Countersunk screw	19400791
BC24. 3x18mm Countersunk screw	19400785
BC25. 3x12mm Countersunk screw	19400783
BC26. 3x10mm Countersunk screw	19400782
BC27. 3x13.7mm Brake screw	19404996



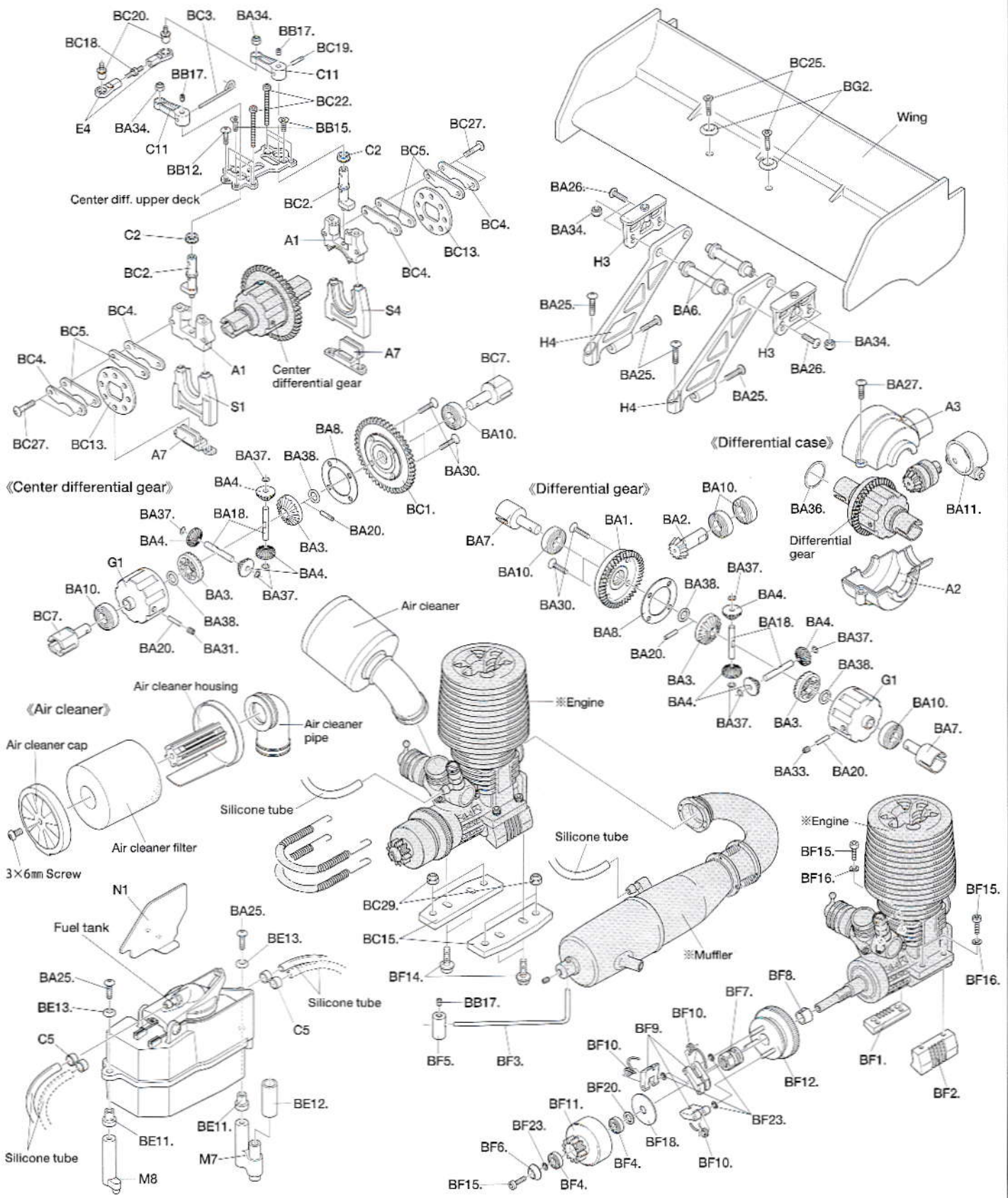


BC28. 3×9.8mm Steering bushing bolt	19400953
BC29. 4mm Lock nut	19400975
BA3. Diff. gear 20T	19404943
BA4. Diff. gear 10T	19404943
BA8. Diff. gasket	19404970
BA10. 1680 Ball bearing	19805549
BA18. Diff. shaft	19404943
BA20. 2.6×13.8mm Shaft	19404943
BA21. 7mm Ball collar	19404940
BA22. 3×25mm Cap screw	19400774
BA26. 3×12mm Button head screw	19400778
BA27. 3×10mm Button head screw	19400777
BA30. 3×15mm Countersunk screw	19400784
BA33. 4×4mm Grub screw	19804204
BA34. 3mm Lock nut	19804364
BA36. 13×0.2mm Shim	19404976
BA37. 4×0.2mm Shim	53586
BA38. 6mm O-ring	19400795
BB15. 3×8mm Countersunk screw	19400781
BB17. 3×3mm Grub screw	50576
● METAL PARTS BAG D	
BD1. Rear damper body	19404921

BD2. Front damper body	19404920
BD3. Rear spring	19400997
BD4. Front spring	19400986
BD5. Front damper shaft	19404922
BD6. Rear damper shaft	19404923
BD7. Pre-load adjuster	19404924
BD8. 18mm O-ring	19404924
BD9. Damper boot	19404992
BD10. Diaphragm	19404994
BD11. 3.5mm Silicone O-ring	19404989
BD12. 2×6mm Cap screw	19400769
BD13. 3mm Washer	50586
BD14. 2mm Spring washer	19400794
BA23. 3×18mm Cap screw	19400773
BA34. 3mm Lock nut	19804364
BB8. 6mm Ball collar	19804329
● METAL PARTS BAG E	
Servo plate	19400947
Double-sided tape (20×40mm)	50171
BE1. Brake linkage spring (short)	19404986
BE2. Throttle linkage spring (long)	19404985
BE3. Rod stopper	19804221

BE4. Brake linkage rod (80mm)	19404987
BE5. Throttle linkage crank rod (61mm)	19400971
BE6. 3×38mm Turn-buckle shaft	12520033
BE7. 4mm Adjuster	10445563
BE8. Mount screw	19805886
BE9. Plastic pipe (33mm)	16094008
BE10. Switch boot	19404990
BE11. Tank bushing	19404993
BE12. Overflow tube	19404991
BE13. 3mm O-ring	19805240
BE14. 2×10mm Cap screw	19805632
BE15. 2mm Lock nut	19805889
BE16. 2mm Washer	19805758
BE17. Snap pin (large)	50197
BE18. 6mm Snap pin	19805702
BA25. 3×15mm Button head screw	19400779
BA27. 3×10mm Button head screw	19400777
BA34. 3mm Lock nut	19804364
BA35. 4mm Washer	19804370
BB12. 3×8mm Button head screw	19400776
BB17. 3×3mm Grub screw	50576
BC20. 6mm Ball connector	19404941





BC26. 3×10mm Countersunk screw	19400782
BD12. 2×6mm Cap screw	19400769
BD13. 3mm Washer	50586
<b>● METAL PARTS BAG F</b>	
Silicone tube (500mm)	19404998
BF1. Engine mount (right)	19400958
BF2. Engine mount (left)	19400958
BF3. Muffler mount rod	19404982
BF4. 1050 Ball bearing	19404999
BF5. Muffler mount	19404935
BF6. 3mm Head washer	19404957
BF7. Pilot nut	19404958
BF8. Clutch collet	19404959
BF9. Clutch shoe	19404960
BF10. Clutch spring	19404983
BF11. Clutch bell	84039
BF12. Flywheel	19404959
BF13. 12mm Wheel nut	19404950
BF14. 4×10mm Flange cap screw	19400793
BF15. 3×10mm Cap screw	19400771
BF16. 3mm Spring washer	50587
BF17. 5×10×1mm Washer	19404975

BF18. 5×20×0.2mm Shim	19404974
BF19. 5×0.1mm Shim	53587
BF20. 5×0.2mm Shim	53587
BF21. 5×0.3mm Shim	53587
BF22. 3×0.1mm Shim	53585
BF23. 3×0.2mm Shim	53585
BF24. 3×0.3mm Shim	53585
BB15. 3×8mm Countersunk screw	19400781
BB17. 3×3mm Grub screw	50576
<b>● METAL PARTS BAG G</b>	
Velcro tape (20×50mm)	19400977
BG1. 3×6mm Button head screw	19400973
BG2. Wing washer	19805631
BG3. 7mm Snap pin	50956
BA34. 3mm Lock nut	19804364
BB12. 3×8mm Button head screw	19400776
BC25. 3×12mm Countersunk screw	19400783
<b>● TOOL BAG</b>	
Hex wrench (3.0mm)	12990058
Box wrench	19404997
Air cleaner parts bag	41063
Air cleaner filter	41064

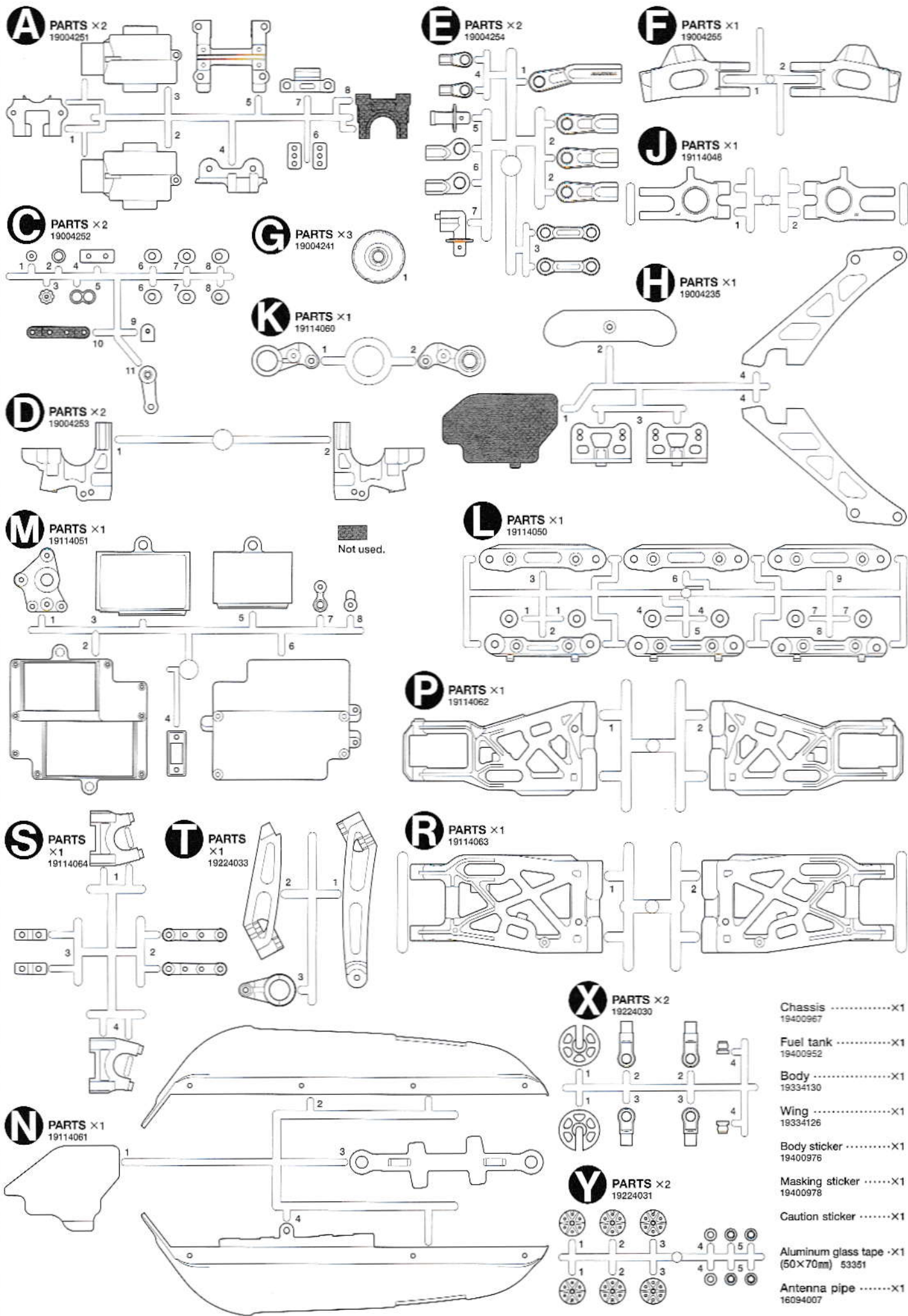
Air cleaner oil	41039
Grease	87099
Differential oil (#5000)	53759
Damper oil (#400)	53443
Gel type thread lock	54032
Nylon band	50595
<b>● STICKER BAG</b>	
Body sticker	19400976
Masking sticker	19400978
Caution sticker	
Aluminum glass tape (50×70mm)	53351

**AFTER MARKET SERVICE**  
 When purchasing Tamiya replacement parts, please take or send this form to your local Tamiya dealer so that the parts required can be correctly identified and supplied. Please note that specifications, availability and price are subject to change without notice.



# PARTS

★Specifications are subject to change without notice.





**A** 1~7

Rear shock tower \*x1  
19400960

★Extra screws and nuts are included. Use them as spares.

**BA1** ×2 Ring gear 19400964

**BA2** ×2 Pinion gear 19400965

**BA3** ×4 Diff. gear 20T 19404943

**BA4** ×8 Diff. gear 10T 19404943

**BA5** ×2 Upper shock mount 19404949

**BA6** ×2 Wing brace 19404961

**BA7** ×4 Diff. drive cup 19404963

**BA8** ×2 Diff. gasket 19404970

**BA9** ×1 Rear susp. block 19404929

**BA10** ×12 1680 Ball bearing 19805549

**BA11** ×2 Diff. case ring 19404995

**BA12** ×2 17mm Wheel hub 19400963

**BA13** ×1 Center drive shaft (rear) 19400951

**BA14** ×2 Drive shaft 19400949

**BA15** ×2 Inner hinge pin 19404946

**BA16** ×2 Outer hinge pin (rear) 19404948

**BA17** ×2 5×50mm Turn-buckle shaft 19404964

**BA18** ×4 Diff. shaft 19404943

**BA19** ×2 2.6×17mm Shaft 19404952

**BA20** ×4 2.6×13.8mm Shaft 19404943

**BA21** ×4 7mm Ball collar 19404940

**BA22** ×4 3×25mm Cap screw 19400774

**BA23** ×2 3×18mm Cap screw 19400773

**BA24** ×2 3.5×25mm Button head screw 19400789

**BA25** ×4 3×15mm Button head screw 19400779

**BA26** ×4 3×12mm Button head screw 19400778

**BA27** ×9 3×10mm Button head screw 19400777

**BA28** ×2 3.5×25mm Countersunk screw 19400786

**BA29** ×2 3.5×12mm Countersunk screw 19400786

**BA30** ×8 3×15mm Countersunk screw 19400784

**BA31** ×1 5×5mm Grub screw 19808090

**BA32** ×2 4×12mm Grub screw 19400792

**BA33** ×4 4×4mm Grub screw 19804204

**BA34** ×8 3mm Lock nut 19804364

**BA35** ×2 4mm Washer 19804370

**BA36** ×2 13×0.2mm Shim 19404976

**BA37** ×8 4×0.2mm Shim 53586

**BA38** ×4 6mm O-ring 19400795

**B** 8~14

Rear stabilizer rod \*x1  
19400970

Front stabilizer rod \*x1  
19400969

Front shock tower \*x1  
19400959

**BB1** ×1 Steering knuckle (left) 19400956

**BB2** ×1 Steering knuckle (right) 19400957

**BB3** ×1 Front susp. block 19404928

**BB4** ×1 Center drive shaft (front) 19400950

**BB5** ×4 6mm Ball end 19804369

**BB6** ×4 Steering knuckle collar 19404945

**BB7** ×2 7mm Ball nut 19404942

**BB8** ×4 6mm Ball collar 19804329

**BB9** ×2 3×34.8mm Shaft 19400955

**BB10** ×8 2.5×8mm Cap screw 19400770

**BB11** ×4 4×10mm Button head screw 19400780

**BA5** ×2 Upper shock mount 19404949

**BA10** ×4 1680 Ball bearing 19805549

**BA12** ×2 17mm Wheel hub 19400963

**BA17** ×2 5×50mm Turn-buckle shaft 19404964

**BA15** ×2 Inner hinge pin 19404946

**BA19** ×2 2.6×17mm Shaft 19404952

**BA22** ×4 3×25mm Cap screw 19400774

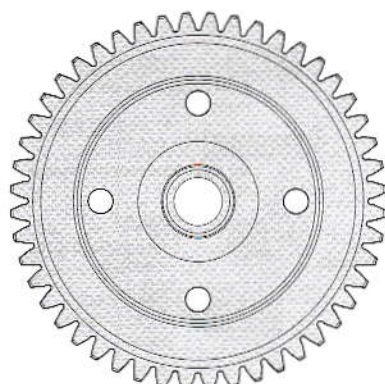
**BA23** ×6 3×18mm Cap screw 19400773


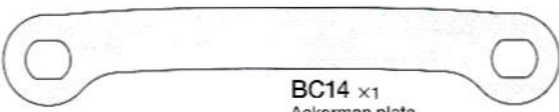


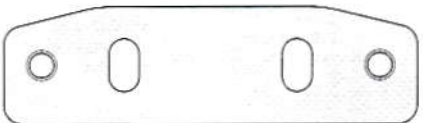




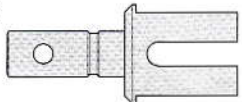
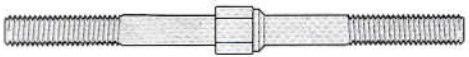




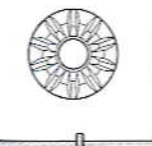









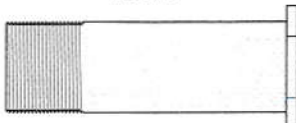


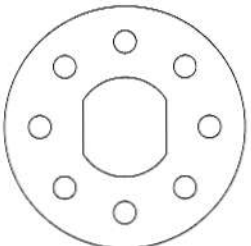







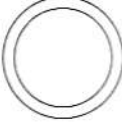

**BA24** ×4 3.5×25mm Button head screw 19400789



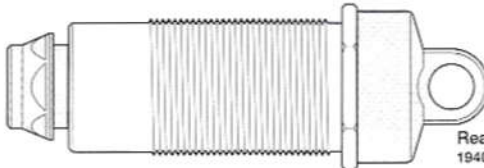
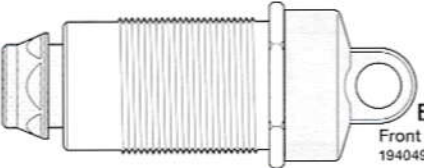


**B**

- |   |   |   |  |
|---|---|---|--|
|  <b>BA27</b> ×6<br>3×10mm Button head screw<br>19400777   |  <b>BB14</b> ×2<br>3.5×16mm Countersunk screw<br>19400787 |  <b>BA32</b> ×2<br>4×12mm Grub screw<br>19400792 |  <b>BB17</b> ×4<br>3×3mm Grub screw<br>50576 |
|  <b>BB12</b> ×1<br>3×8mm Button head screw<br>19400776   |  <b>BB15</b> ×2<br>3×8mm Countersunk screw<br>19400781   |  <b>BA33</b> ×2<br>4×4mm Grub screw<br>19804204 |  <b>BA34</b> ×6<br>3mm Lock nut<br>19804364 |
|  <b>BB13</b> ×2<br>2.5×6mm Button head screw<br>19400972 |  <b>BA31</b> ×1<br>5×5mm Grub screw<br>19808090          |  <b>BB16</b> ×4<br>3×4mm Grub screw<br>19400974 |  <b>BA35</b> ×2<br>4mm Washer<br>19804370   |

**C** 15~22Front upper deck · ×1  
19400946Center diff. upper deck · ×1  
19404919

- |  |   |   |
|--|---|---|
|  <b>BA10</b> ×2<br>1680 Ball bearing<br>19805549      |  <b>BC14</b> ×1<br>Ackerman plate<br>19400968           |  <b>BA26</b> ×1<br>3×12mm Button head screw<br>19400778        |
|  <b>BC6</b> ×4<br>1060 Ball bearing<br>53270          |  <b>BC15</b> ×2<br>Engine mount plate<br>19404973       |  <b>BA27</b> ×5<br>3×10mm Button head screw<br>19400777        |
|  <b>BA38</b> ×2<br>6mm O-ring<br>19400795             |  <b>BC16</b> ×1<br>Servo saver spring<br>19404984        |  <b>BC23</b> ×18<br>4×12mm Countersunk screw<br>19400791       |
|  <b>BC7</b> ×2<br>Center drive cup<br>19404962        |  <b>BC17</b> ×2<br>4×61mm Turn-buckle shaft<br>19400954 |  <b>BC24</b> ×4<br>3×18mm Countersunk screw<br>19400785        |
|  <b>BC1</b> ×1<br>Spur gear<br>19400966               |  <b>BC8</b> ×3<br>Radio tray post<br>19404936            |  <b>BA30</b> ×4<br>3×15mm Countersunk screw<br>19400784        |
|  <b>BA3</b> ×2<br>Diff. gear 20T<br>19404943         |  <b>BC9</b> ×1<br>Radio tray post (short)<br>19400961  |  <b>BC25</b> ×3<br>3×12mm Countersunk screw<br>19400783        |
|  <b>BA4</b> ×4<br>Diff. gear 10T<br>19404943         |  <b>BC10</b> ×2<br>Steering post<br>19404939           |  <b>BC26</b> ×2<br>3×10mm Countersunk screw<br>19400782        |
|  <b>BC2</b> ×2<br>Brake cam<br>19404937              |  <b>BC11</b> ×1<br>Servo saver adjuster<br>19404938    |  <b>BB15</b> ×14<br>3×8mm Countersunk screw<br>19400781       |
|  <b>BC3</b> ×1<br>Brake arm<br>19404979              |  <b>BC12</b> ×1<br>Servo saver tube<br>19404938        |  <b>BC27</b> ×4<br>3×13.7mm Brake screw<br>19404996          |
|  <b>BC4</b> ×4<br>Brake caliper (silver)<br>19404972 |  <b>BC13</b> ×2<br>Brake rotor<br>19404971             |  <b>BC28</b> ×2<br>3×9.8mm Steering bushing bolt<br>19400953 |
|  <b>BC5</b> ×4<br>Brake pad (blue)<br>19400948       |  <b>BA8</b> ×1<br>Diff. gasket<br>19404970             |  <b>BA33</b> ×1<br>4×4mm Grub screw<br>19804204              |
|  |   |  <b>BB17</b> ×2<br>3×3mm Grub screw<br>50576                 |
|  |   |  <b>BC29</b> ×4<br>4mm Lock nut<br>19400975                  |
|  |   |  <b>BA34</b> ×11<br>3mm Lock nut<br>19804364                 |
|  |   |  <b>BA36</b> ×2<br>13×0.2mm Shim<br>19404976                 |
|  |   |  <b>BA37</b> ×4<br>4×0.2mm Shim<br>53586                     |

**D** 23~27

- |   |   |
|---|---|
|  <b>BD1</b> ×2<br>Rear damper body<br>19404921 |  <b>BD2</b> ×2<br>Front damper body<br>19404920 |
|  <b>BD3</b> ×2<br>Rear spring<br>19400997       |  <b>BD4</b> ×2<br>Front spring<br>19400986      |



**D**

**BD5** ×2  
Front damper shaft  
19404922

**BD6** ×2  
Rear damper shaft  
19404923

**BD7** ×4  
Pre-load adjuster  
19404924

**BB8** ×4  
6mm Ball collar  
19804329

**BD8** ×4  
18mm O-ring  
19404924

**BD9** ×4  
Damper boot  
19404992

**BD10** ×4  
Diaphragm  
19404994

**BD11** ×8  
3.5mm Silicone O-ring  
19404998

**BA23** ×4  
3×18mm Cap screw  
19400773

**BD12** ×4  
2×6mm Cap screw  
19400769

**BA34** ×4  
3mm Lock nut  
19804364

**BD13** ×4  
3mm Washer  
50586

**BD14** ×4  
2mm Spring washer  
19400794

**E** **23~33**

Servo plate ×1  
19400947

**BE9** ×1  
Plastic pipe (33mm)  
16094008

**BE4** ×1  
Brake linkage rod (80mm)  
19404987

**BE5** ×1  
Throttle linkage crank rod (61mm)  
19400971

**BE6** ×1  
3×38mm Turn-buckle shaft  
12520033

**BE1** ×2  
Brake linkage spring (short)  
19404986

**BE2** ×1  
Throttle linkage spring (long)  
19404985

**BE3** ×3  
Rod stopper  
19804221

**BE7** ×1  
4mm Adjuster  
10445563

**BE8** ×2  
Mount screw  
19805886

**BC20** ×1  
6mm Ball connector  
19404941

**BE10** ×1  
Switch boot  
19404990

**BE11** ×2  
Tank bushing  
19404993

**BE12** ×1  
Overflow tube  
19404991

**BE13** ×2  
3mm O-ring  
19805240

**BA25** ×10  
3×15mm Button head screw  
19400779

**BA27** ×6  
3×10mm Button head screw  
19400777

**BB12** ×4  
3×8mm Button head screw  
19400776

**BC26** ×8  
3×10mm Countersunk screw  
19400782

**BE14** ×4  
2×10mm Cap screw  
19805632

**BD12** ×8  
2×6mm Cap screw  
19400769

**BB17** ×4  
3×3mm Grub screw  
50576

Double-sided tape (20×40mm) ×1  
50171

**BA34** ×5  
3mm Lock nut  
19804364

**BE15** ×2  
2mm Lock nut  
19805889

**BA35** ×12  
4mm Washer  
19804370

**BD13** ×4  
3mm Washer  
50586

**BE16** ×2  
2mm Washer  
19805758

**BE17** ×2  
Snap pin (large)  
50197

**BE18** ×2  
6mm Snap pin  
19805702

**F** **34~39**

Silicone tube (500mm)  
×1  
19404998

**BF3** ×1  
Muffler mount rod  
19404982

**BF4** ×2  
1050 Ball bearing  
19404999

**BF5** ×1  
Muffler mount  
19404935

**BF6** ×1  
3mm Head washer  
19404957

**BF7** ×1  
Pilot nut  
19404958

**BF8** ×1  
Clutch collet  
19404959

**BF9** ×3  
Clutch shoe  
19404960

**BF10** ×3  
Clutch spring  
19404983

**BF11** ×1  
Clutch bell  
84039

**BF12** ×1  
Flywheel  
19404959

**BF13** ×4  
12mm Wheel nut  
19404950

**BF14** ×4  
4×10mm Flange cap screw  
19400793

**BF15** ×5  
3×10mm Cap screw  
19400771

**BB15** ×1  
3×8mm Countersunk screw  
19400781

**BB17** ×1  
3×3mm Grub screw  
50576

**BF16** ×4  
3mm Spring washer  
50587

**BF17** ×1  
5×10×1mm Washer  
19404975

**BF18** ×1  
5×20×0.2mm Shim  
19404974

**BF19** ×1  
5×0.1mm Shim  
53587

**BF20** ×1  
5×0.2mm Shim  
53587

**BF21** ×1  
5×0.3mm Shim  
53587

**BF22** ×1  
3×0.1mm Shim  
53585

**BF23** ×4  
3×0.2mm Shim  
53585

**BF24** ×1  
3×0.3mm Shim  
53585

**G** **40~44**

**BB12** ×1  
3×8mm Button head screw  
19400776

**BC25** ×2  
3×12mm Countersunk screw  
19400783

**BG1** ×4  
3×6mm Button head screw  
19400973

**BA34** ×2  
3mm Lock nut  
19804364

**BG2** ×2  
Wing washer  
19805631

**BG3** ×2  
7mm Snap pin  
50956

Velcro tape (20×50mm) ×1  
19400977

**Tool bag**

Box wrench ×1  
19404997

Hex wrench (3.0mm) ×1  
12990058

Grease ×1  
87099

Nylon band ×3  
50595

Damper oil (#400) ×2  
53443

Differential oil (#5000) ×1  
53759

Air cleaner filter ×1  
41064

Air cleaner oil ×1  
41039

Gel type thread lock ×1  
54032

Air cleaner parts bag  
41063

Air cleaner cap ×1

Air cleaner housing ×1

Air cleaner pipe ×1

3×6mm Screw ×1

Anaerobic Gel  
**AG**  
THREAD LOCK  
ネジロック剤  
無気性ジェル  
NOT EPOXY 1g

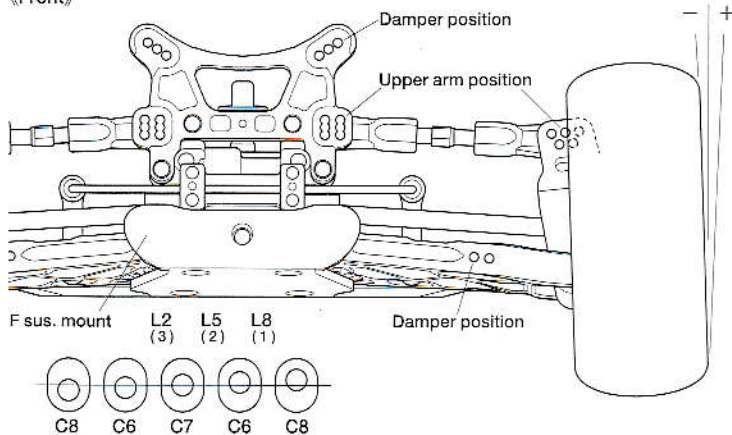


## SETTING SHEET

Name \_\_\_\_\_ Date \_\_\_\_\_ Air temp. \_\_\_\_\_ Humidity \_\_\_\_\_

Track \_\_\_\_\_ Track condition \_\_\_\_\_ Track temp. \_\_\_\_\_

«Front»



Camber angle \_\_\_\_\_ °

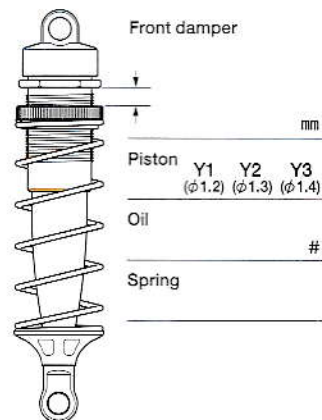
Ground clearance \_\_\_\_\_ mm

Rebound stroke \_\_\_\_\_ mm

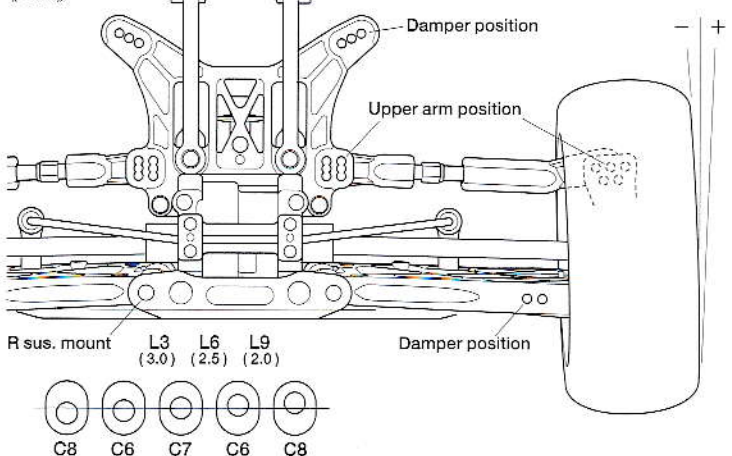
Stabilizer \_\_\_\_\_

Front diff. fluid \_\_\_\_\_ #

Memo \_\_\_\_\_



«Rear»



Camber angle \_\_\_\_\_ °

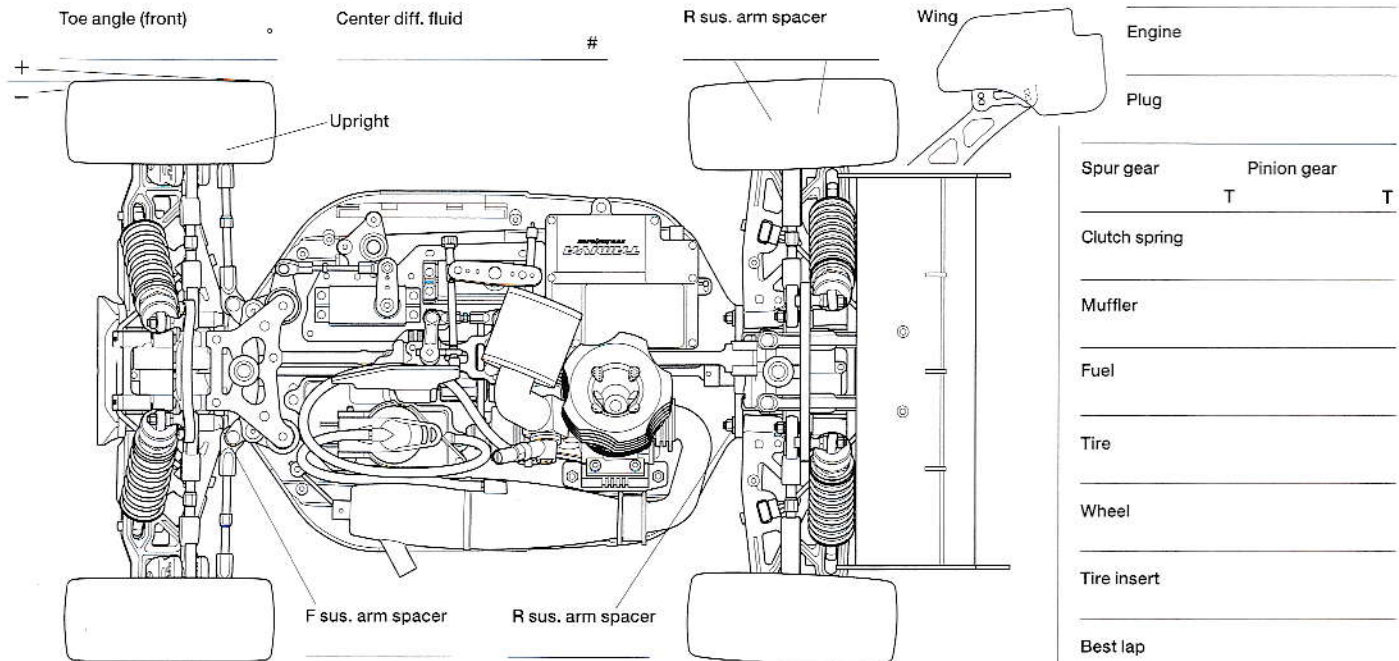
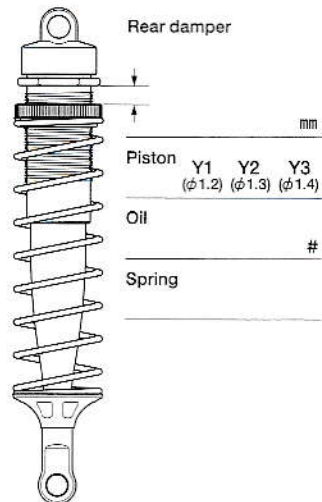
Ground clearance \_\_\_\_\_ mm

Rebound stroke \_\_\_\_\_ mm

Stabilizer \_\_\_\_\_

Rear diff. fluid \_\_\_\_\_ #

Memo \_\_\_\_\_



Engine \_\_\_\_\_

Plug \_\_\_\_\_

Spur gear \_\_\_\_\_ Pinion gear \_\_\_\_\_

Clutch spring \_\_\_\_\_

Muffler \_\_\_\_\_

Fuel \_\_\_\_\_

Tire \_\_\_\_\_

Wheel \_\_\_\_\_

Tire insert \_\_\_\_\_

Best lap \_\_\_\_\_

Memo \_\_\_\_\_