

RADIO CONTROLLED ELECTRIC POWERED SPECIAL RACING BUGGY.

4WD OFF-ROAD RACER

LAZER ZX

- KYOSHO WORKS—MACHINE ENTERED IN THE IFMAR WORLD CHAMPIONSHIP CONTEST.
- ULTRA LONG TRAVEL 4 WHEEL DOUBLE WISHBONE SUSPENSION PROVIDES OUT STANDING ROAD HOLDING CAPABILITY AND RUNNING ENDURANCE.
- ADOPTED 3 DIFF. SYSTEM INCLUDING CENTER DIFF. AND ONE WAY CLUTCH.
- DUAL BELT 4WD SYSTEM WITH MINIMUM DRIVE LOSS & HIGH DASH POWER.
- IN ADDITION TO PRECISION BALL BEARINGS (15 PCS.), IT IS EQUIPPED WITH SPECIAL RACING COMPONENTS SUCH AS PRESSURE OIL SHOCKS ETC.
- ADOPTED SUPER WEIGHT, HIGH RIGIDITY FRP PAN CHASSIS.
- 2 CHANNEL RADIO SYSTEM (WITH AMP.), 7.2V/8.4V (1200/1700mAh) NI-CAD BATTERY AND MOTOR ARE NOT INCLUDED.

1:10 SCALE



KYOSHO®
THE FINEST RADIO CONTROL MODELS
KIT NO.3146

BELT DRIVE
4WD

BEFORE YOU BEGIN ASSEMBLY!

Thank you for purchasing the Kyosho's R/C "1/10 EP 4WD Off-Road Racer LAZER ZX". In order to keep your Lazer ZX in top condition to enjoy the most pleasure from the R/C world, you should thoroughly read this instruction manual and the operation instruction of the radio control units to keep the correct way of assembling.

《Kit Features》

- Kyosho works—machine entered in the IFMAR world championship contest.
- Ultra long travel 4 wheel double wishbone suspension provides out standing road holding capability and running endurance.
- Adopted 3 diff. system including center diff. and one way clutch.
- Dual belt 4WD system with minimum drive loss & high dash power.
- In addition to precision ball bearings (15 pcs.), it is equipped with special racing components such as pressure oil shocks etc.
- Adopted super weight, high rigidity FRP pan chassis.

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* USING 8.4V NI-CAD BATTERY OR CHANGE TO OVAL ROAD RACER TYPE

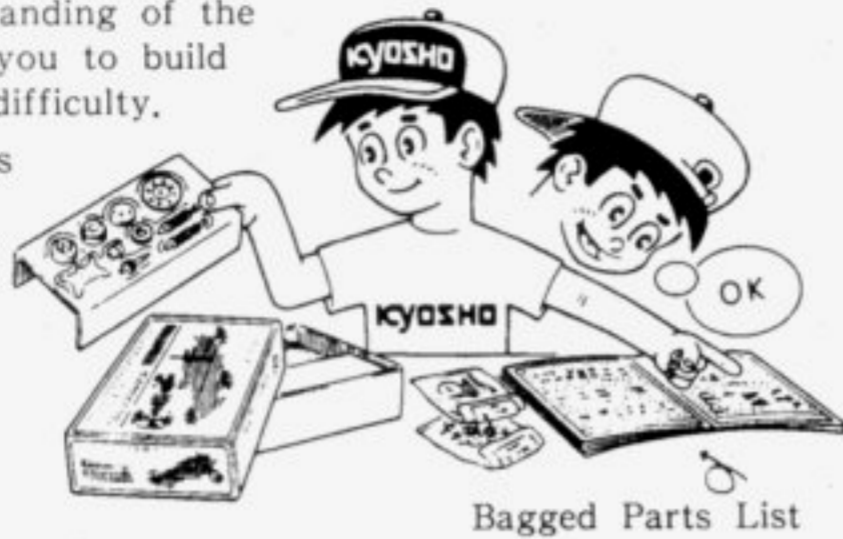
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BEFORE ASSEMBLY

○ Read the instruction carefully. You can assemble the kit more easily, if you have grasped the general idea of steps and structure beforehand by reading it through to the end.

○ Check the parts in the kit. Check to see if all the parts are correctly bagged as they are listed in the "Bagged Parts List" (page 4,5). Your thorough understanding of the assembly will enable you to build the kit without any difficulty.

Check the components in the kit prior to your startings of the assembly.

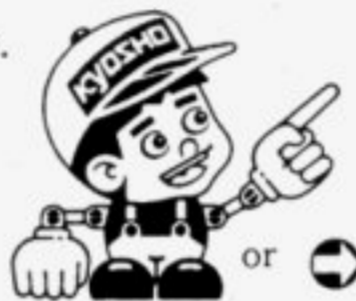


Any claims for replacements or refunds for the model in the process of assembly will not be accepted.

○ Learn the marks described in the instruction.

SW CEMENT ... Place to put some locktite. (It will prevent the screws and nuts to get loosen by vibration while running.)

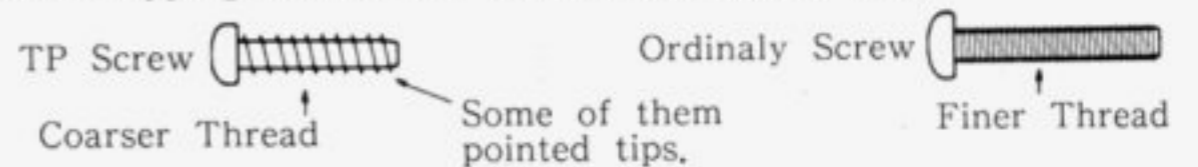
GREASE ... Point where grease should applied. (It will reduce friction and assure smooth movements.)



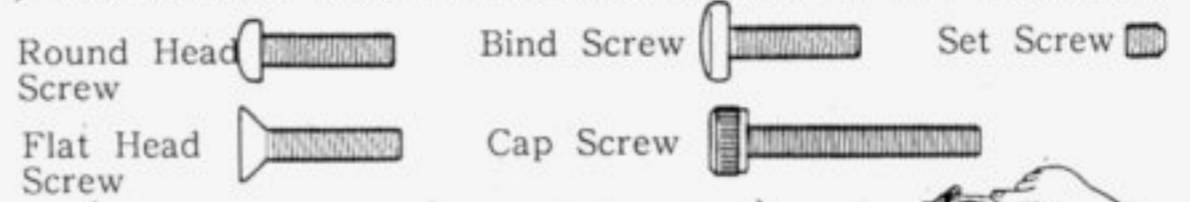
Steps where your particular attention is required.

○ Be well aware of the different types of screws.

1) The difference between the TP Screw (short form of self-tapping screw) and the ordinary screw is...



2) The kinds of screws which will be used in this instruction.



(There are two kinds of thread, finer and coarser ones.)

○ Pick up the correct parts and screw. Compare the shape and size of small parts, such as screws, nuts, and washers.

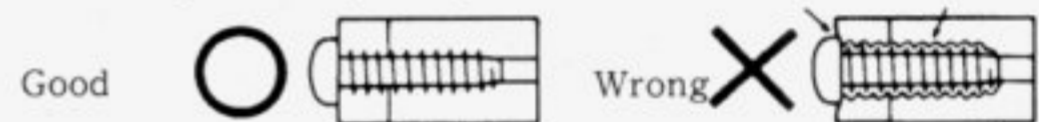
○ Be sure about the location and direction of parts to install.

Double-check the location and direction of parts with the illustration before installation. When necessary, assemble the parts themselves tentatively before proceeding to the next step.

○ Do not tighten the self-tapping screw too tight.

Do not use excessive force when tightening the self-tapping screws, or you may strip the thread in the plastic. It is recommended to stop tightening it when the thread part on the screw goes into the plastic part and you feel some resistance from the tightening.

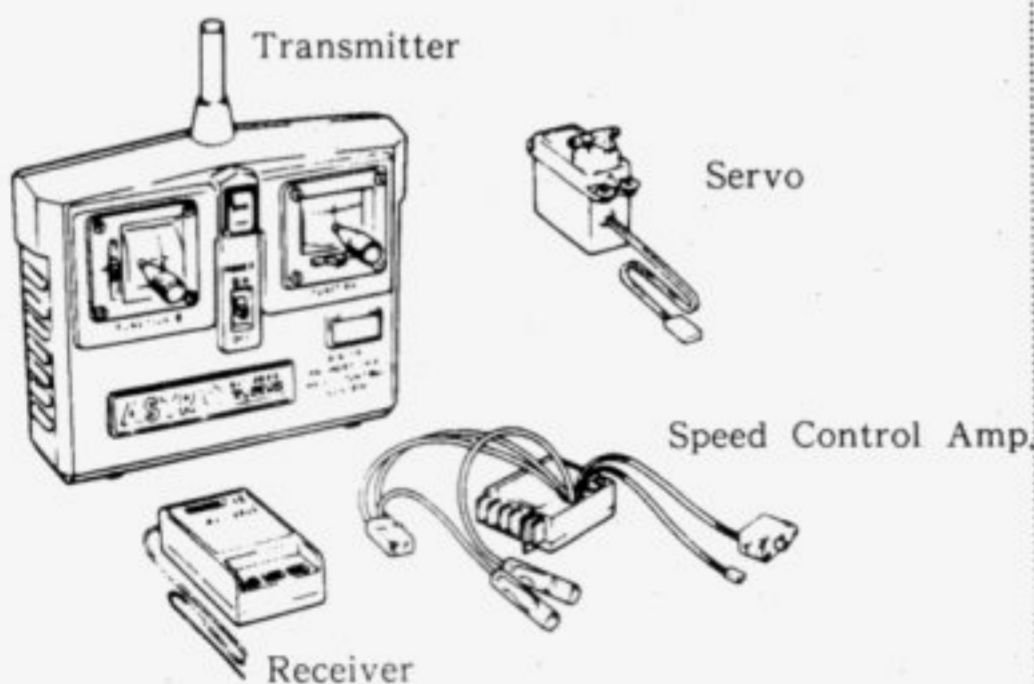
Over tighten may strip the thread in the plastic.



THINGS NEED BESIDES THE KIT

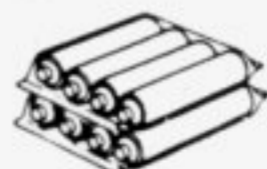
《2 Channel Radio System》

Two types of radio control set are on the market, the stick and the steering wheel type. Choose which ever you like.



《Battery for Radio System》

For Transmitter...8 pcs.

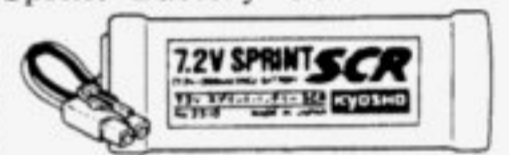


《Ni-Cad Battery》

No.2331
7.2V-1200mAh
SCR Saddle Pack

No.2310
7.2V-1200mAh
Sprint Battery SCR

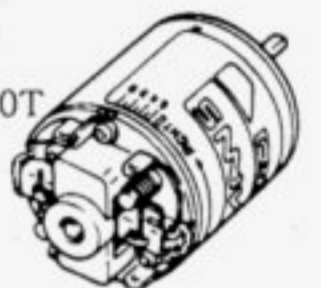
"Lazer ZX" is designed to use a rechargeable 7.2V Ni-Cad Battery Pack.



《Motor》

The Lazer ZX not come with a motor. A Le Mans series type motor is recommended for top performance.

No. 1926 Le Mans H-240S
1986 Le Mans Speed 240T
2481 Le Mans Pro High Speed
2483 Le Mans Pro High Torque
W1011 SPA 240WS



《Charger for Ni-Cad Battery》

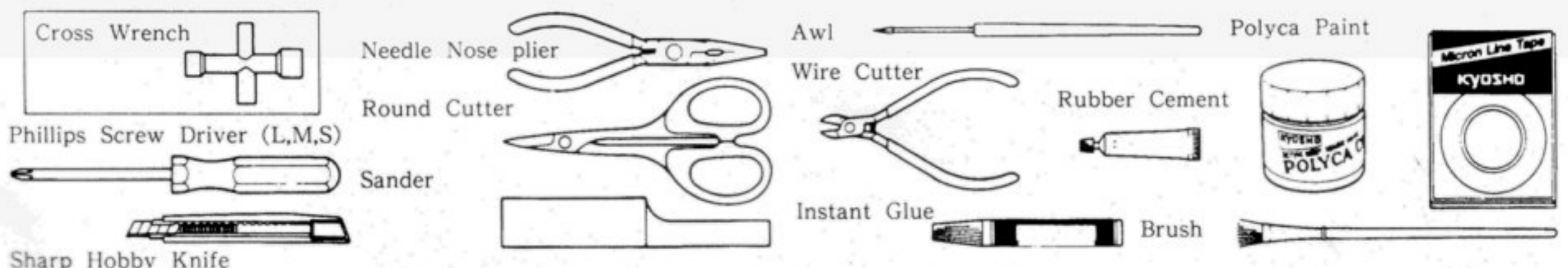
The Kyosho's Ni-Cad Battery is of high performance. If it is charged correctly, it will operate for a considerable period of time.

*Use one of the Chargers listed below which suits your need.

No.	Name	Time	Rate	Features
2326	7.2V Power Charger (DC12V)	15 min.	70%	For Biginners Built-in Timer
1849	Multi Charger II (DC12V)	20 min.	100%	Timer, Ammeter built-in
2246	FET Auto-Charger (DC12V)	20 min.	100%	Trickle Charging Automatic cut-off at peak of charge

《Tools Required》 A Allen Wrench, Cross Wrench, Grease and Screw Locking Compound are in the kit.

Micron Line Tape



LIST OF BAGGED PARTS (1)

The key numbers with ★ indicated the plastic parts on a runner.
See page 6,7 for the layout drawing.

《Do not throw away a bag header》

○ The symbol in the brackets after a name of parts in this instruction is the header number in which the part is contained.

○ The header is the only thing to rely upon when looking for a part.

Do not discard it until you finish the assembly.



Bag No.	Key #	Parts Name	Q'ty	Step	
Blister	● 1	Front Shock Shaft	2	● Mark Pressure Shock Parts 2	
	● 2	Rear Shock Shaft	2		
	● 3	Front Shock Case	2		
	● 4	Rear Shock Case	2		
	● 5	Front Shock Spring	2		
	● 6	Rear Shock Spring	2		
	● 7	Spring Holder	4		
	● 8	Shock Cap	4		
	● 9	Spring Stopper	4		
	● 10	Shock End	4		
	● 11	Shock Piston	4		
	● 12	Shock Collar (White)	4		
	● 13	Shock Collar (Black)	4		
	● 14	O Ring (P3 Red)	8		
	● 15	C Ring	4		
ZX-2	● 145	E Ring (E2.5)	8	◎ Mark Front & Rear Diff. Parts 4 6	
	◎ 16	Diff. Case	2		
	◎ 17	Sprocket	2		
	◎ 18	Bevel Gear (A)	4		
	◎ 19	Bevel Gear (B)	4		
	◎ 20	Bevel Shaft	2		
	◎	M2x12 TP Screw	8		
	21	Main Gear	1		5
	22	Front Drive Hub	1		6
	23	Rear Drive Hub	1		5
ZX-2	24	Universal Swing Shaft	2	17	
	25	Front Drive Belt	1	4	
	26	Rear Drive Belt	1	6	
	27	Front Axle Box (A)	1	13	
	28	Front Axle Box (B)	1	4	
	29	Rear Axle Box (A)	1	5	
	30	◆ (B)	1	6	
	31	◆ (C)	1	6	
	32	◆ (D)	1	6	
	33	Drive Pulley	2	5 6	
	34	Pulley Flange	2	5 6	
	35	M3x25 Shaft	1	8	
	36	Needle Rollar Shaft	3	6 13	
	37	Needle Rollar	4	6 13	
	38	Thrust Bearing	1	5	
39	4 φ Thrust Washer	2	5		
40	Thrust Ball	15	5 sparex3		
41	Thrust Plate	2	5		
42	4 φ x8 Plain Bearing	1	5		
43	5 φ x10 Ball Bearing	8	17 17		

Bag No.	Key #	Parts Name	Q'ty	Step
ZX-2	44	8 φ x14 Ball Bearing	6	4 5 6
ZX-3	45	Front Wheel	2	24
	46	Rear Wheel	2	24
ZX-4	47	Steering Shaft	2	9
	48	King Pin (L)	2	12
	49	King Pin (S)	2	12
	50	Main Gear Shaft	1	5
	51	Guide Plate	1	5
	52	Servo Saver Shaft	2	7
	53	3 φ x6FlangePlainBearing	2	9
	54	5.8 φ Ball (Silver)	10	1 2
	55	5.8 φ Ball (Black)	8	1
	56	Limiter Collar	2	5 6
	57	Upper Deck Post	1	7
	58	Pressure Top	4	2
	59	4 φ x8 Collar	1	5
	100	Limiter Nut	1	6
	★156	Shock Collar (B) (Red)	8	16 20 spare x4
157	Pinion Gear (20T)	1	23	
	M3x18 Cap Screw	4	13 13	
ZX-5	60	Motor Plate (L)	1	3 5
	61	◆ (S)	1	5
	62	Side Plate (L)	1	6
	63	Servo Mount Plate	1	28
	64	Steering Plate	1	9
	65	Front Shock Stay	1	13
66	Rear Shock Stay	1	18	
ZX-6	★ 67	Rear Hub (R)	1	17
	★ 68	Rear Hub (L)	1	17
	★ 69	Front Hub	2	12
	★ 70	Bumper	1	15
	★ 71	Front Arm Bracket (A)	1	14
	★ 72	◆ (B)	1	10
	★ 73	Rear Arm Bracket (A)	1	7
	★ 74	◆ (B)	1	19
	★ 75	◆ (C)	1	24 Page
	★ 76	Antenna Post	1	7
	★ 77	Servo Stay (S)	2	28
	★ 78	◆ (L)	2	29
	★ 79	Shock Collar (A)	4	16 20
	★ 80	Upper Rod End	2	1
	★ 81	Uni Crank Collar (B)	2	11
★ 82	Wing Stay (A) (R)	1	21	
★ 83	◆ (L)	1	21	
★ 84	Wing Stay (B)	2	21	


LIST OF BAGGED PARTS (2)

Bag No.	Key #	Parts Name		Step
ZX-6	★ 85	Wing Stay joint	2	21
	★ 86	Wing Washer	4	37 Sparex2
	★ 87	Uni Crank (A)	1	9
	★ 88	♦ (B)	1	9
	★ 89	♦ (C)	1	9
	★ 90	Uni Crank Collar (A)	2	10
	★ 91	Servo Saver	1	27
	★ 92	Saver Ring	1	27
	★ 93	Saver Horn (SL)	1	27
	★ 94	♦ (SS)	1	27
	★ 95	♦ (F)	1	27
	★ 96	Saver Washer	1	28
	★ 97	Stopper Post	4	11
	★ 98	Stopper Washer (S)	4	11
	★ 99	♦ (L)	4	23 Page Spare x3
ZX-7	101	3 φ x50 Shaft	2	14
	102	3 φ x55 Shaft	2	19
	★103	5.8 φ Ball End	12	1
	104	Hub Pin	4	14 19
	105	Rod (L30)	3	1
	106	♦ (L40)	2	1
	107	♦ (L51)	2	1
	108	Rear Wheel Shaft	2	17
	109	Drive Washer	4	25
	110	Joint	4	4
	111	Swing Shaft	2	19
	112	Knuckle Arm (R)	1	12
	113	♦ (L)	1	12
	114	5 φ x8 Plain Bearing	4	9
	115	Saver Spring	1	27
ZX-8	★116	Front Sus. Arm	2	14
	★117	Rear Sus. Arm	2	19
	★118	Belt Cover (A)	1	8
	★119	♦ (B)	1	8
	★120	♦ (C)	1	8
	★121	Rear Bulk Head	1	6
	★122	Upper Deck Mount (A)	1	7
	★123	♦ (B)	1	7
	★124	Mount Collar (A)	1	11
	★158	♦ (B)	1	23 Page
	125	Stopper Plate (S)	2	32
	126	♦ (L)	1	32
	127	Upper Deck (S)	1	11
	128	♦ (L)	1	11
	129	Gear Cover	1	3 23
	130	Antenna Pipe	1	31
	131	Ni-Cad Strap	2	32
	132	Double Sided Tape	2	30 31 35 37
	133	Shock Oil Green	1	2
	134	Strap (S)	3	30 31
135	Silicone Grease	1		
136	Screw Locking Compound	1		
137	Velcro	1 Set	36	

Bag No.	Key #	Parts Name	Q'ty	Step	
ZX-8	159	Cross Wrench	1	5	
Box	138	Main Chassis	1	7	
	139	Front Tire	2	24	
	140	Rear Tire	2	24	
	141	Body (Lazer ZX)	1	33	
	142	Wing	1	33	
	143	Under Cowl	1	33	
	144	Decal (Lazer ZX)	1	35	
		Instruction	1		
	ZX-1	145	E Ring (E2,5)	5	14 19 Spare x1
		146	♦ (E3)	2	5 Spare x1
147		Hook Pin	4	32 37	
148		Body Pin	4	32 37	
149		Allen Wrench (1,5)	1	6 23	
150		♦ (2)	1	4	
151		♦ (2,5)	1	13 18	
152		Wave Washer	4	5	
153		4 φ x6,5 Shim	1	6	
154		5 φ x8,5 Shim	6	12 17	
155		8 φ x12 Shim	1	6	
		M3x4 Round Head Screw	4		
		M3x6 Bind Screw	5		
		M3x12 Bind Screw	4		
		M3x30 Bind Screw	3		
		M3x35 Bind Screw	1		
		M3x45 Bind Screw	2		
		M4x8 Bind Screw	5		
		M2,6x12 Flat Head Screw	8		
		M3x6 Flat Head Screw	4		
		M3x12 Flat Head Screw	6		
		M3x18TP Round Head Screw	2		
		M2,6x12 TP Bind Screw	5		
		M3x8 TP Bind Screw	6		
		M3x10 TP Bind Screw	9		
		M3x12 TP Bind Screw	2		
		M2,6x6TP FlatHeadScrew	1		
		M3x10TP FlatHeadScrew	22		
		M3x12TP FlatHeadScrew	4		
		M3x15TP FlatHeadScrew	2		
	M2,6 Nut (3 kinds)	11			
	M3 Nut	6			
	M2,6 Nylon Nut	2			
	M3 Nylon Nut	5			
	M4 Nylon Nut	4			
	M3x3 Set Screw	2			
	M4x4 Set Screw	4			
	M2,6 Washer (Black)	3			
	M3 Washer	4			
	M4 Washer	4			
	5 Washer	4			

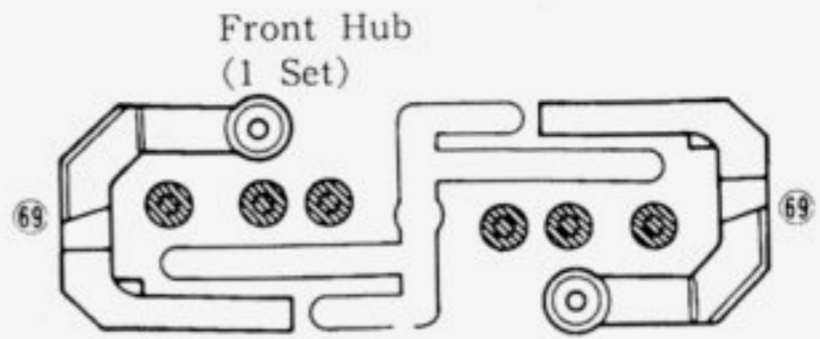
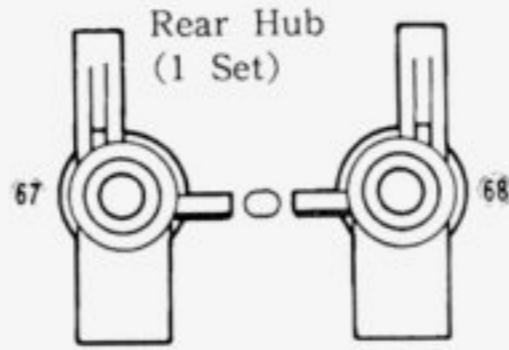
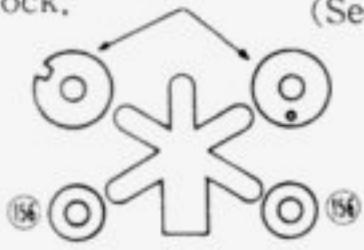
Screws,
Nuts,
Washers &
Others

LAYOUT DRAWING OF PLASTIC PARTS ON RUNNERS

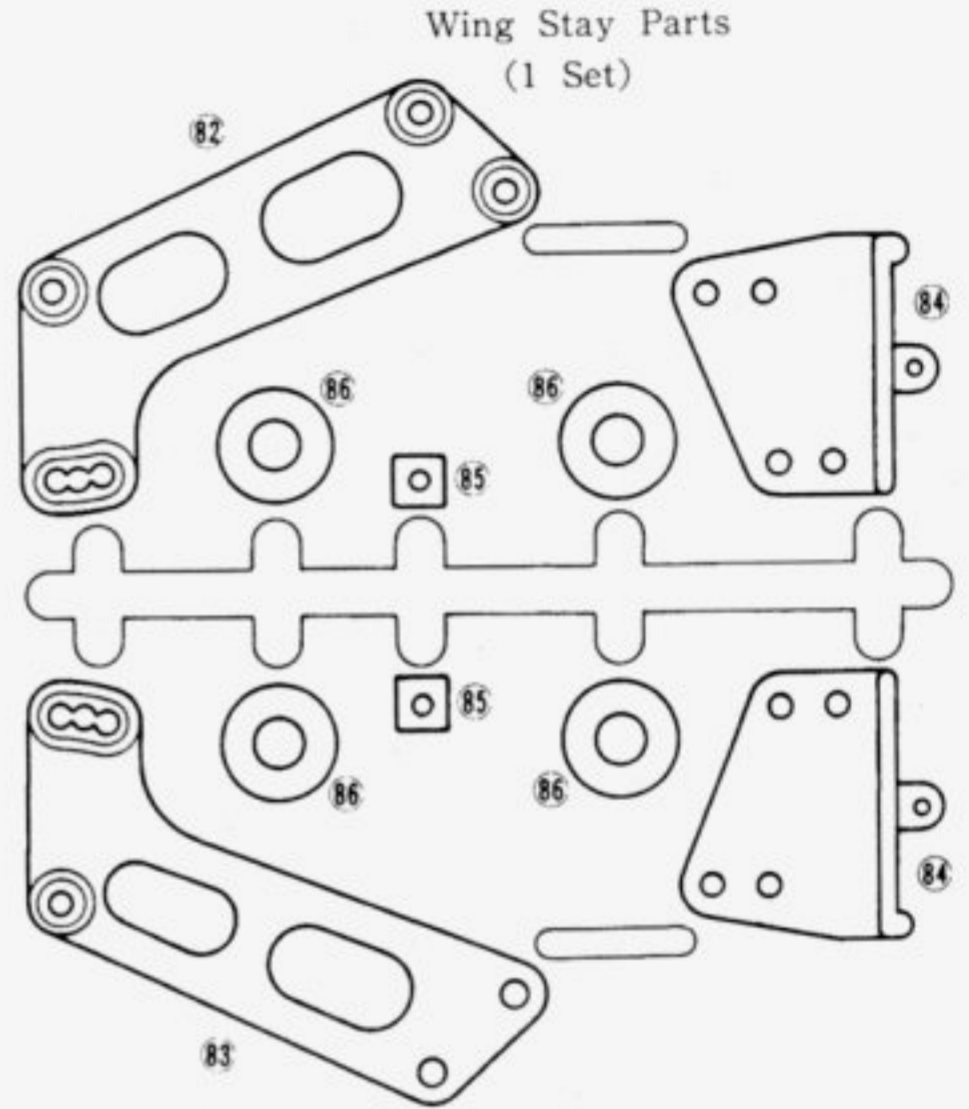
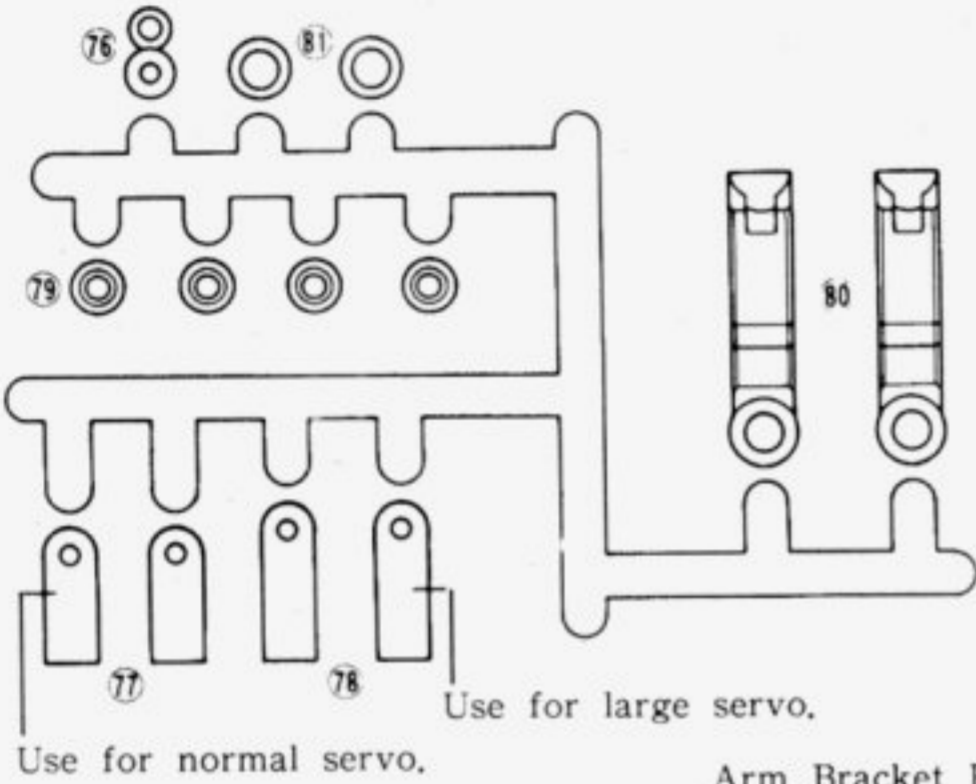
 These shaded parts are not used.

Shock Piston & Shock Collar (4 Sets)

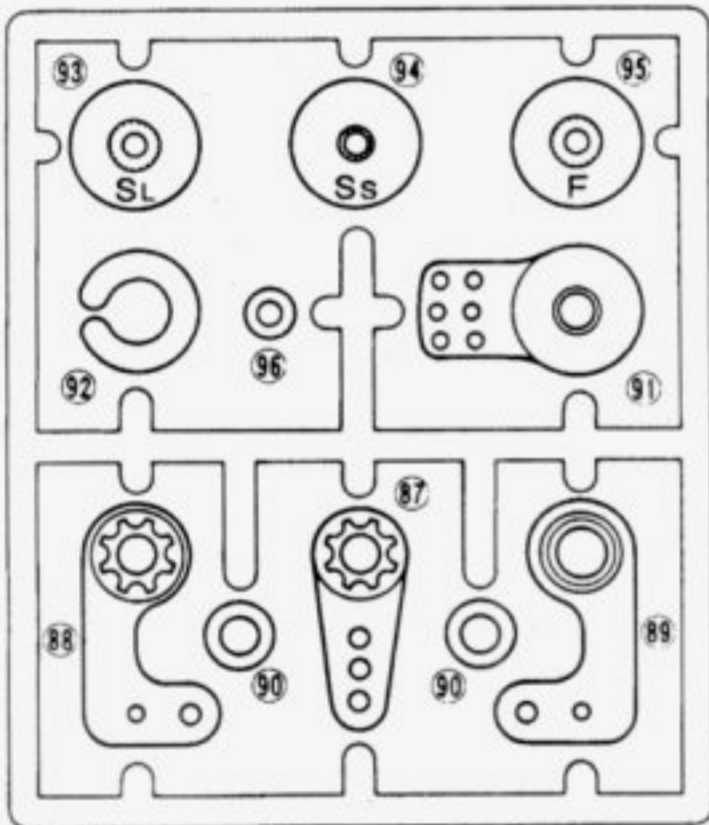
*Use to change the hardness of shock. (See page 23)



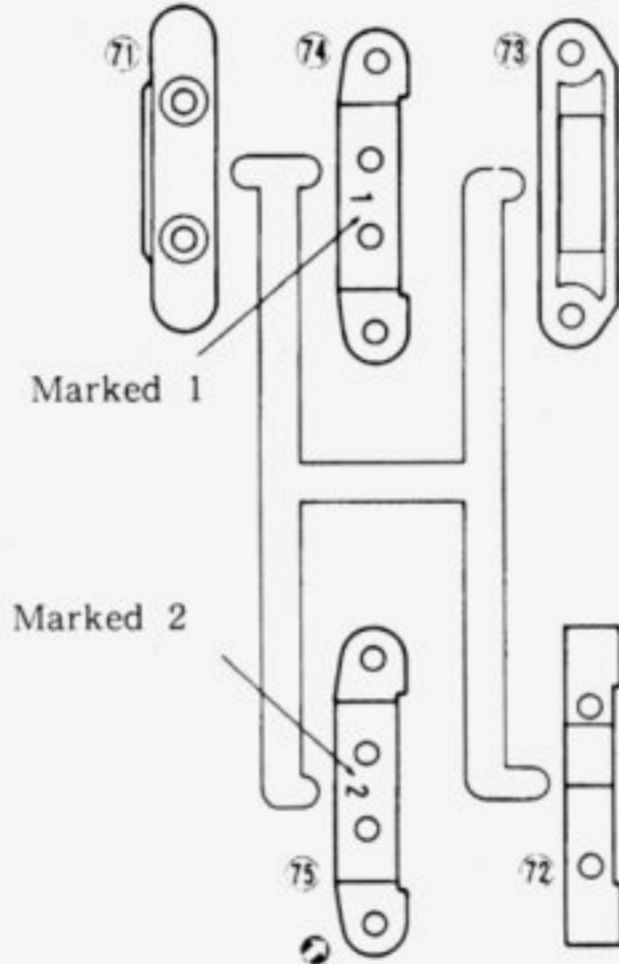
Upper Rod End Parts (1 Set)



Servo Saver & Uni Crank Parts (1 Set)

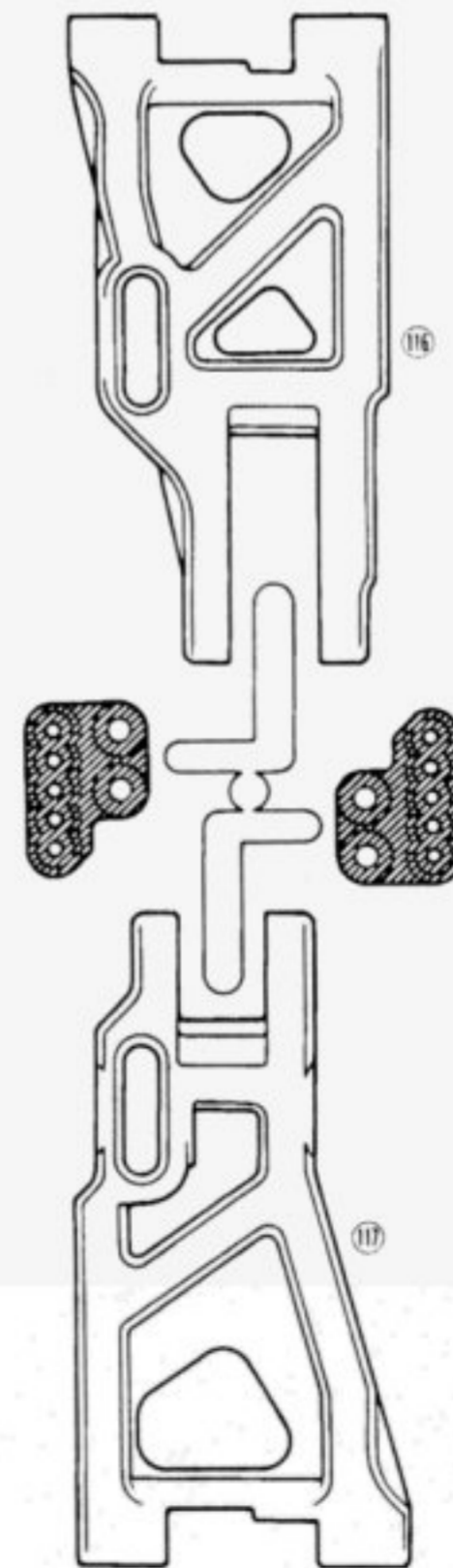


Arm Bracket Parts (1 Set)

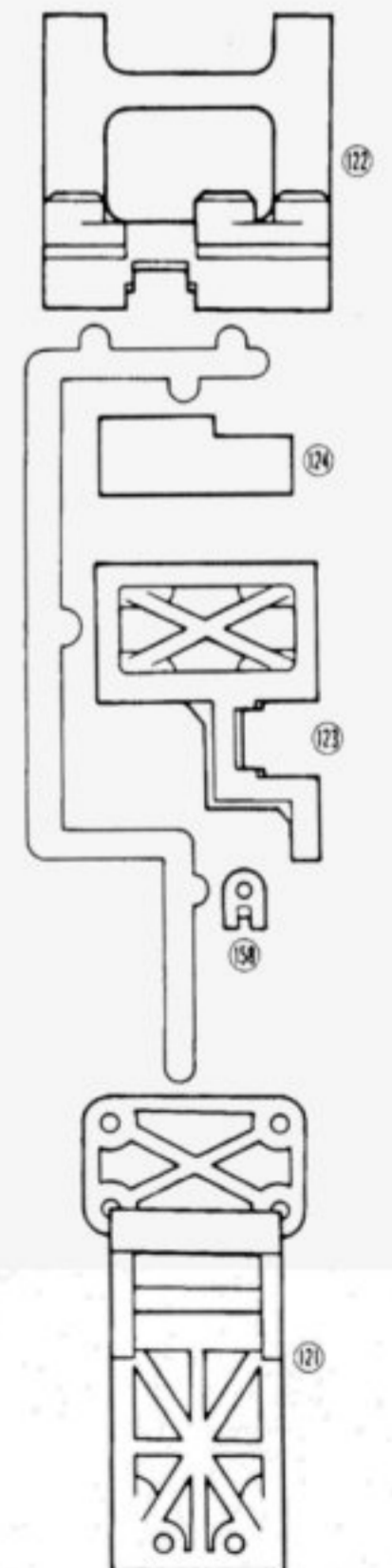


Use to increase the amount of toe-in. (See page 24)

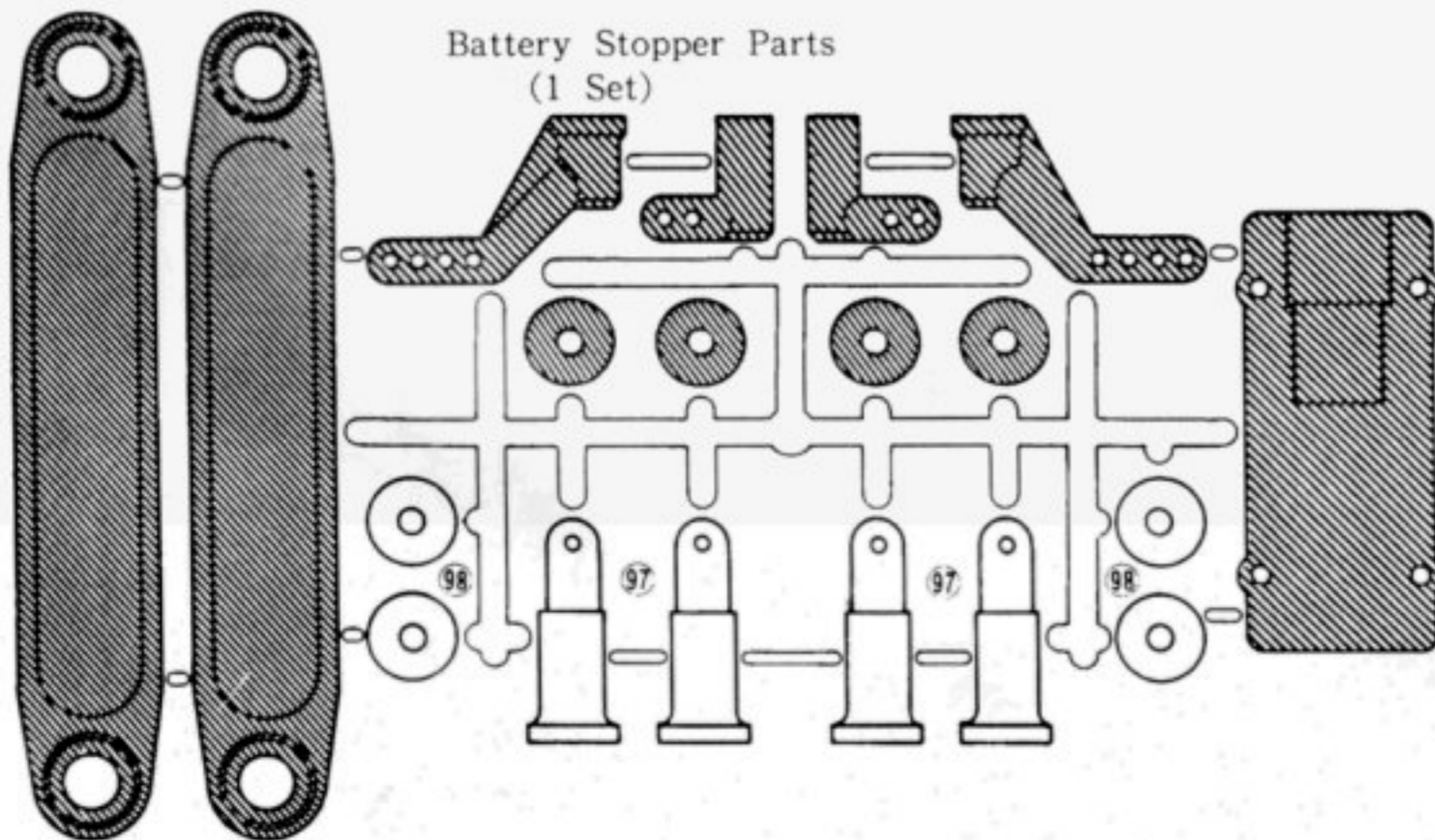
Sus. Arm Parts (2 Sets)



Upper Deck Mount Parts (1 Set)



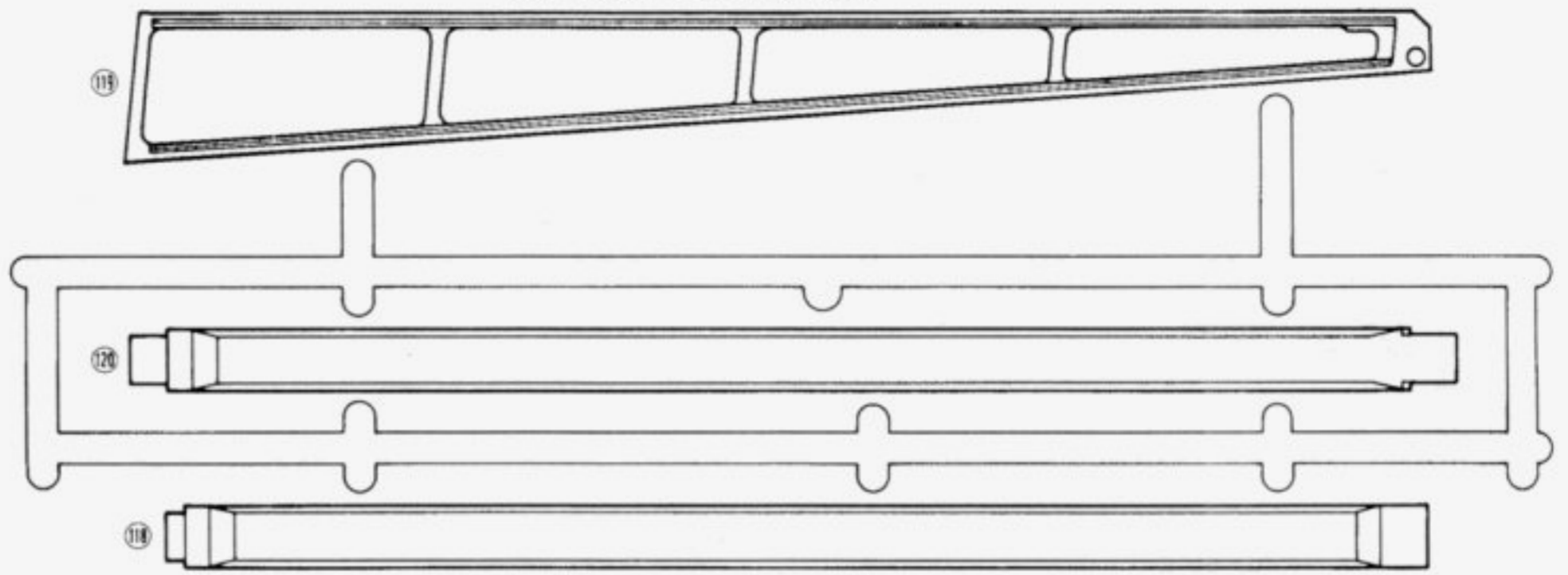
Battery Stopper Parts (1 Set)



LAYOUT DRAWING OF PLASTIC PARTS ON RUNNERS (2)

Belt Cover Parts (1 Set)

5.8 φ Ball End
(3 Sets)

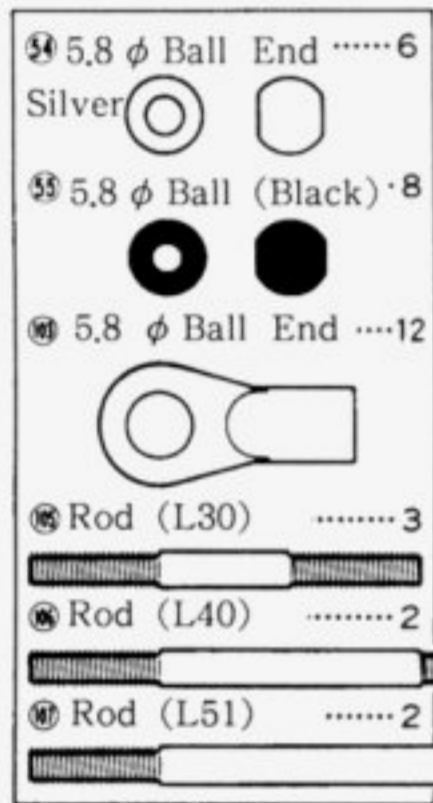


● ASSEMBLY OF CHASSIS PORTION

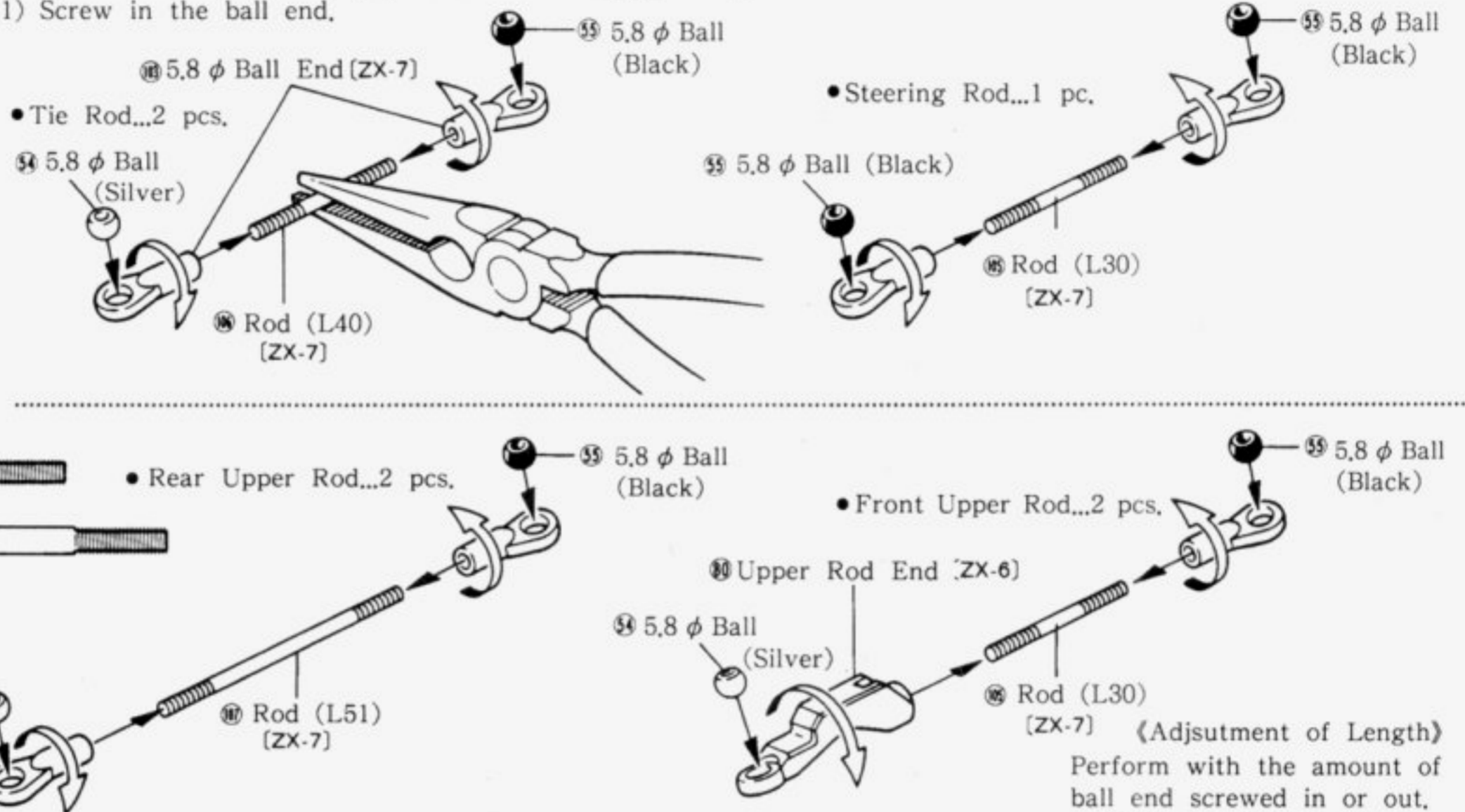
1 ~ 25

1 INSTALLATION OF BALL END

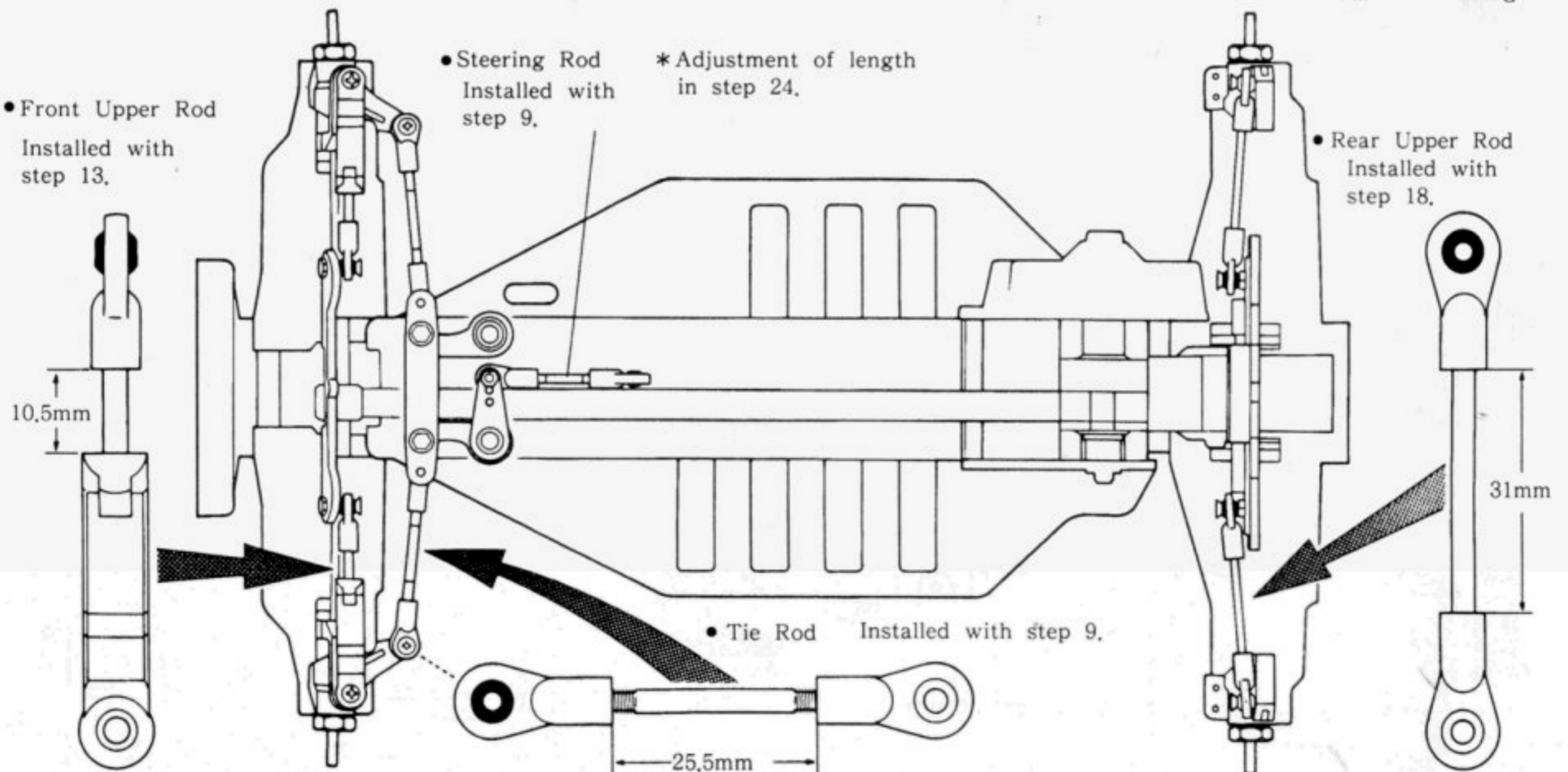
- Screw in the ball ends, identifying the length with the actual size drawing.
- 5.8 φ balls are in bag [ZX-4].



1) Screw in the ball end.

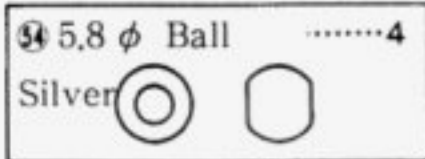


2) Installing location and actual size drawing of each rod.



2 FILLING THE SHOCK OIL

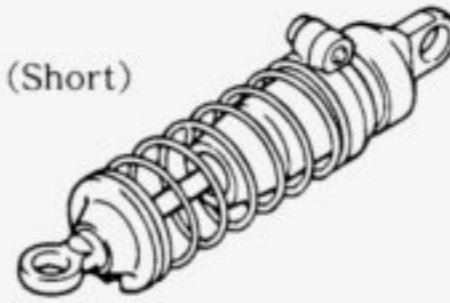
Pressure shocks are in blister pack.(Assembly)
Remove the shock spring and shock cap to fill the shock oil.



At each assembly stage, a drawing shows screws and other fasteners used in the actual size. Identify those required in each stage.

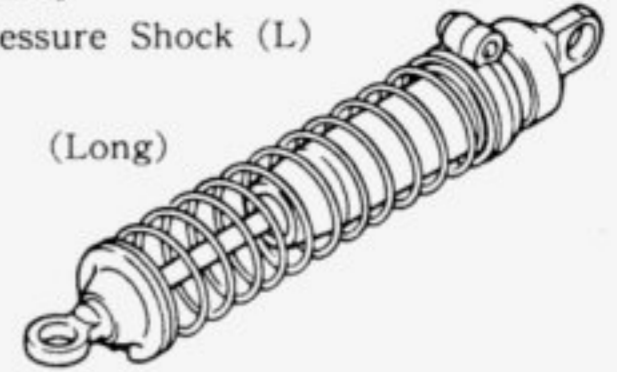
(Front)
Pressure Shock (S)

(Short)



(Rear)
Pressure Shock (L)

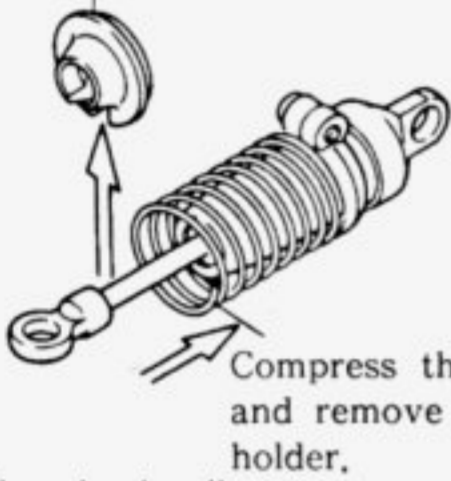
(Long)



Remove the shock spring
and shock cap.

1

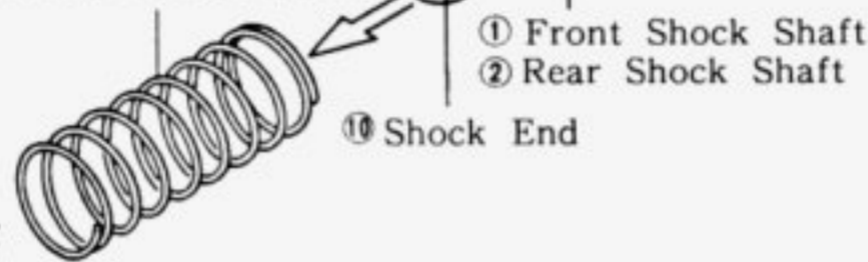
(7) Spring Holder



Compress the spring and remove the spring holder.

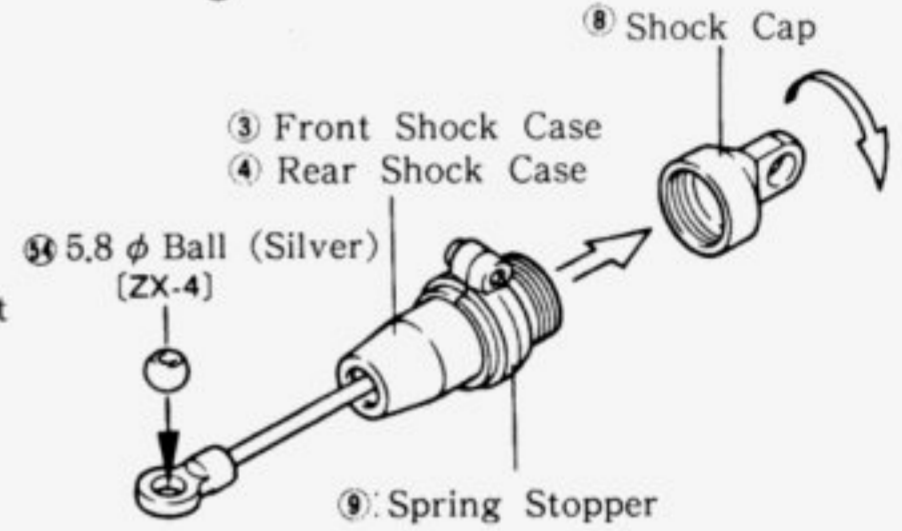
2

(5) Front Shock Spring
(6) Rear Shock Spring



(1) Front Shock Shaft
(2) Rear Shock Shaft
(10) Shock End

3



(3) Front Shock Case
(4) Rear Shock Case

(5) 5.8 φ Ball (Silver)
[ZX-4]

(9) Spring Stopper

Fill the shock oil,

1

Pull down the piston to the bottom and pour oil slowly. Then move the piston up and down gently to get rid of air bubbles.

2

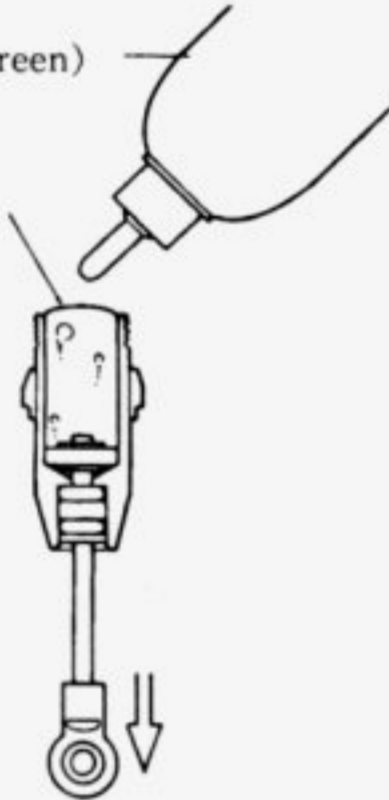
Keep the piston in the lowest position and tight 8 gradually, then excessive oil will run over.

3

Confirm that it will work smoothly by moving the piston up and down.

(10) Shock Oil (Green)
(ZX-8)

Fill the cylinder to slightly above brim.

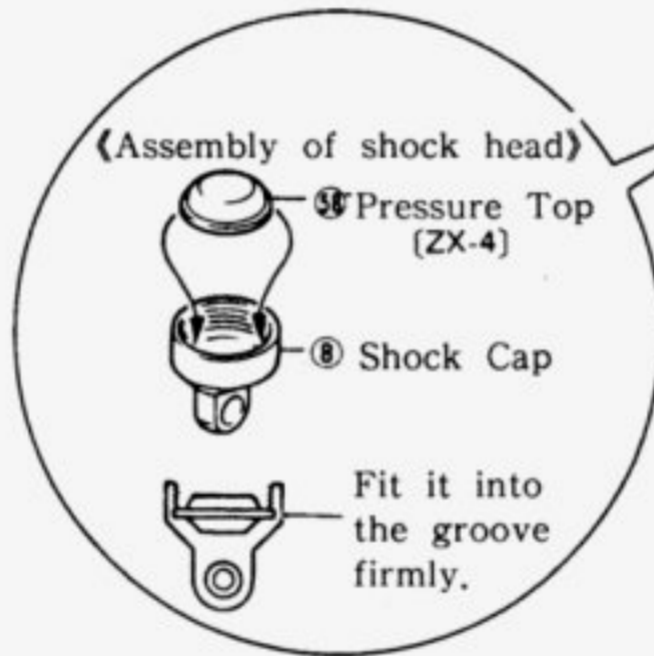


(Assembly of shock head)

(11) Pressure Top (ZX-4)

(8) Shock Cap

Fit it into the groove firmly.



In the end, tighten it firmly so that the oil will not leak out.



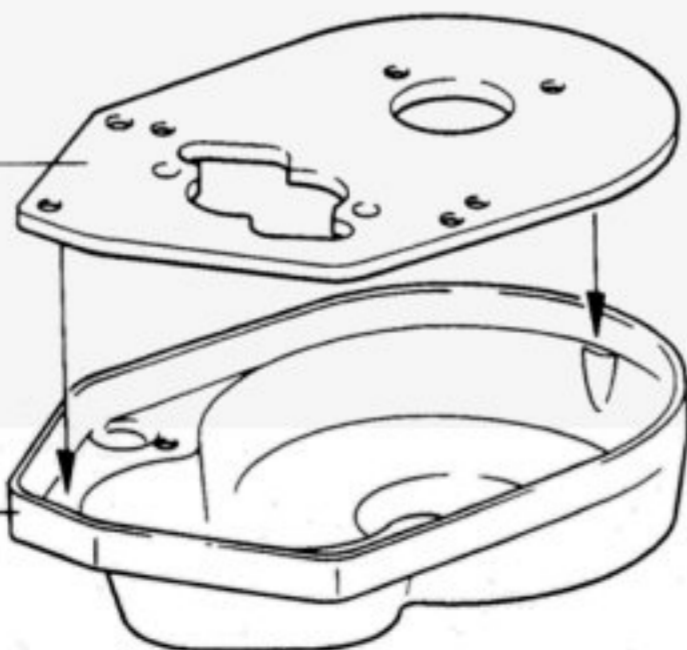
It should move without any binding.

3 CUTTING GEAR COVER

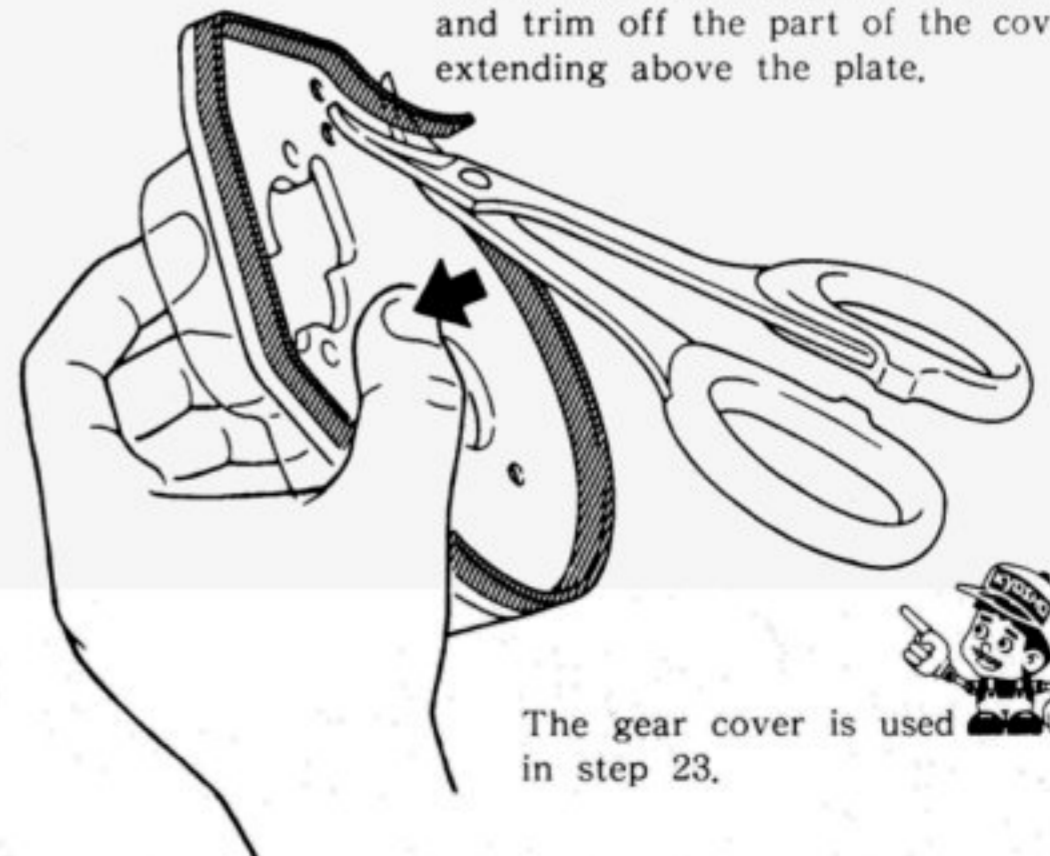
1

(12) Motor Plate (L) (ZX-5)

(13) Gear Cover (ZX-8)



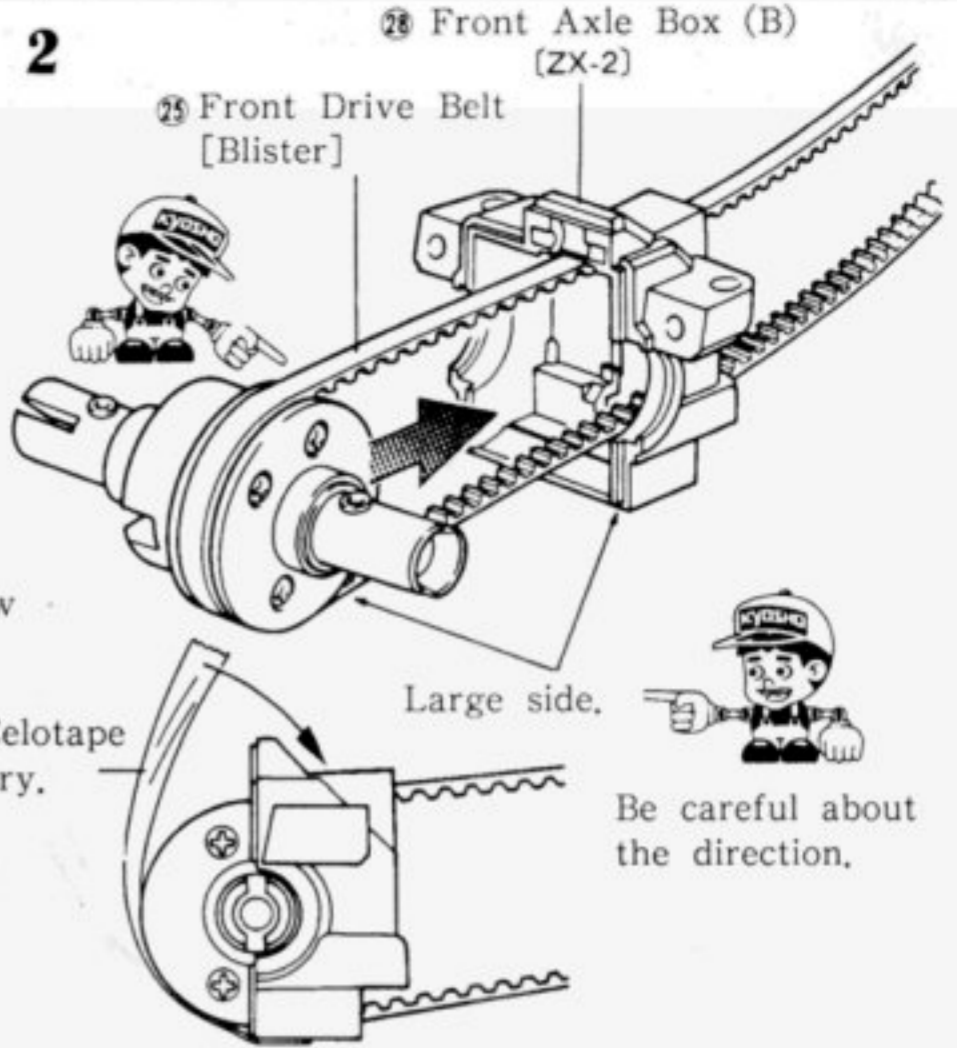
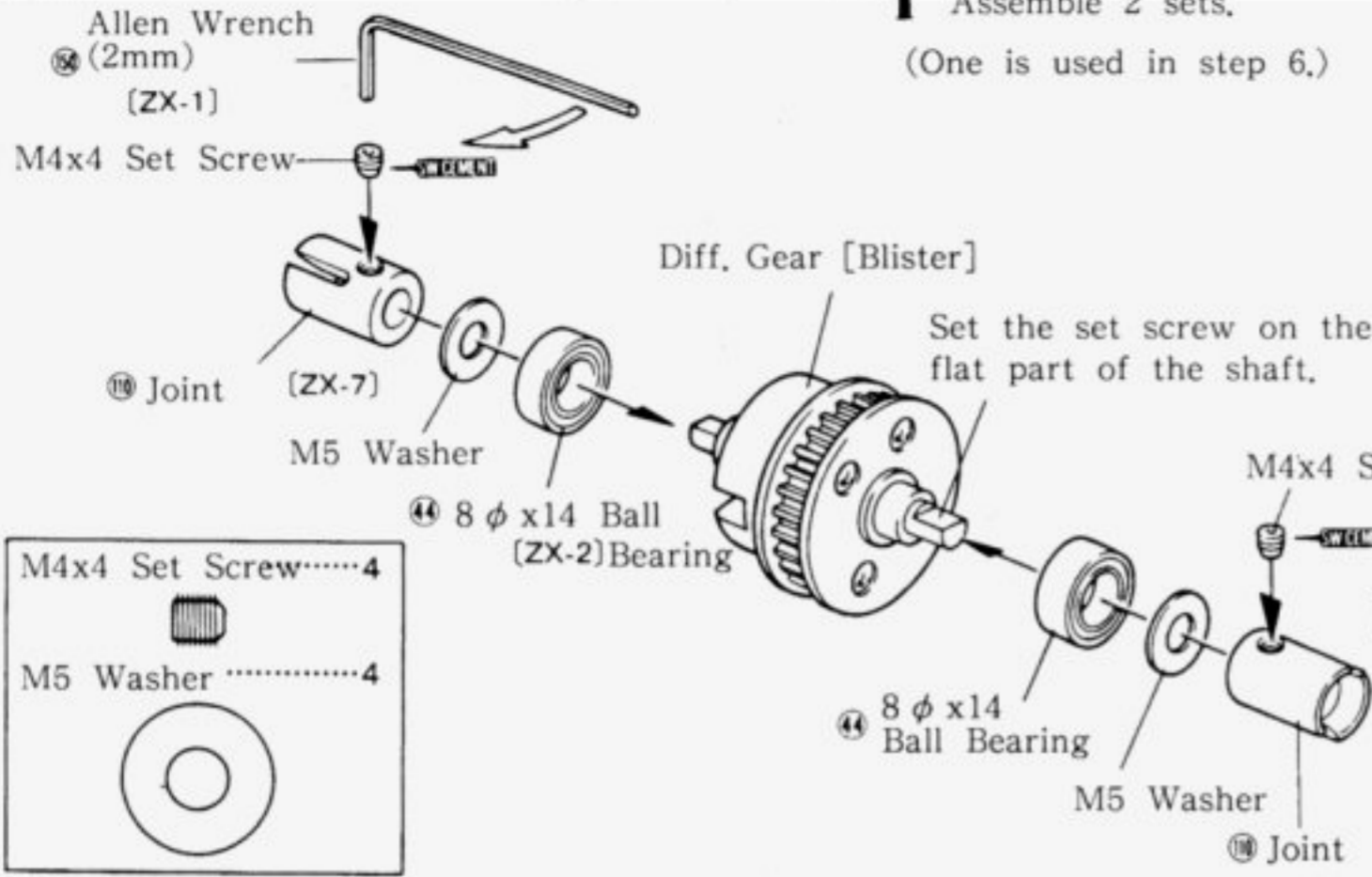
2 Put the motor plate into the gear cover, hold them together firmly, and trim off the part of the cover extending above the plate.



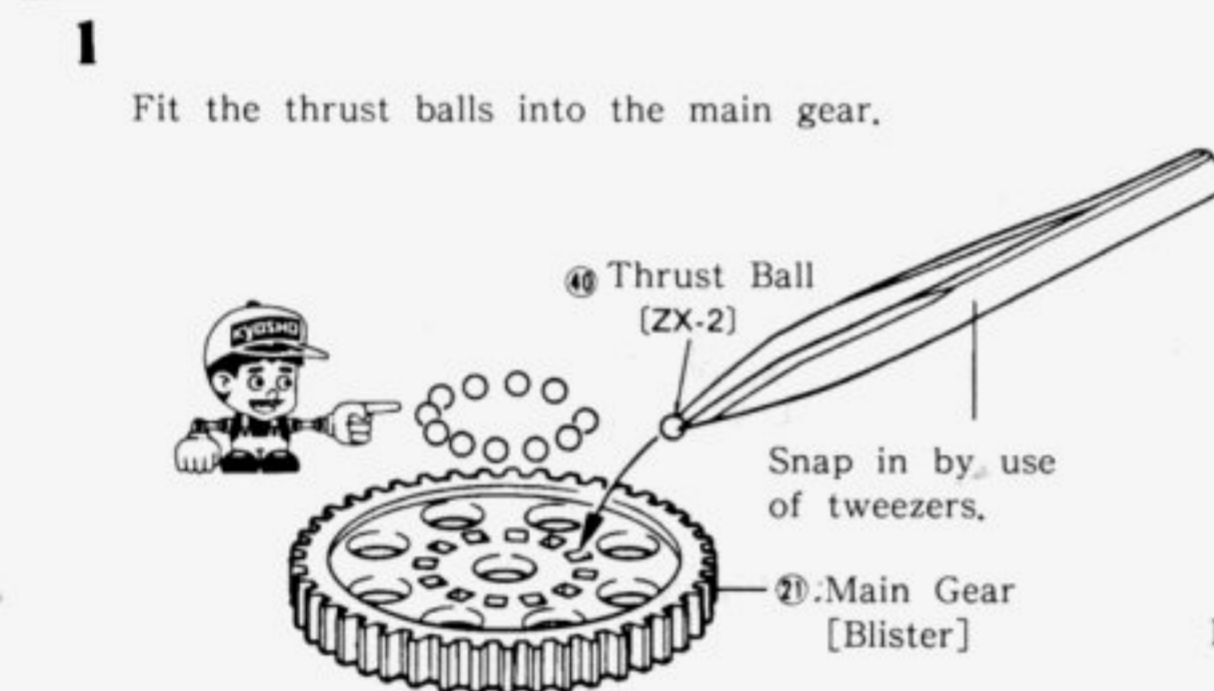
The gear cover is used in step 23.



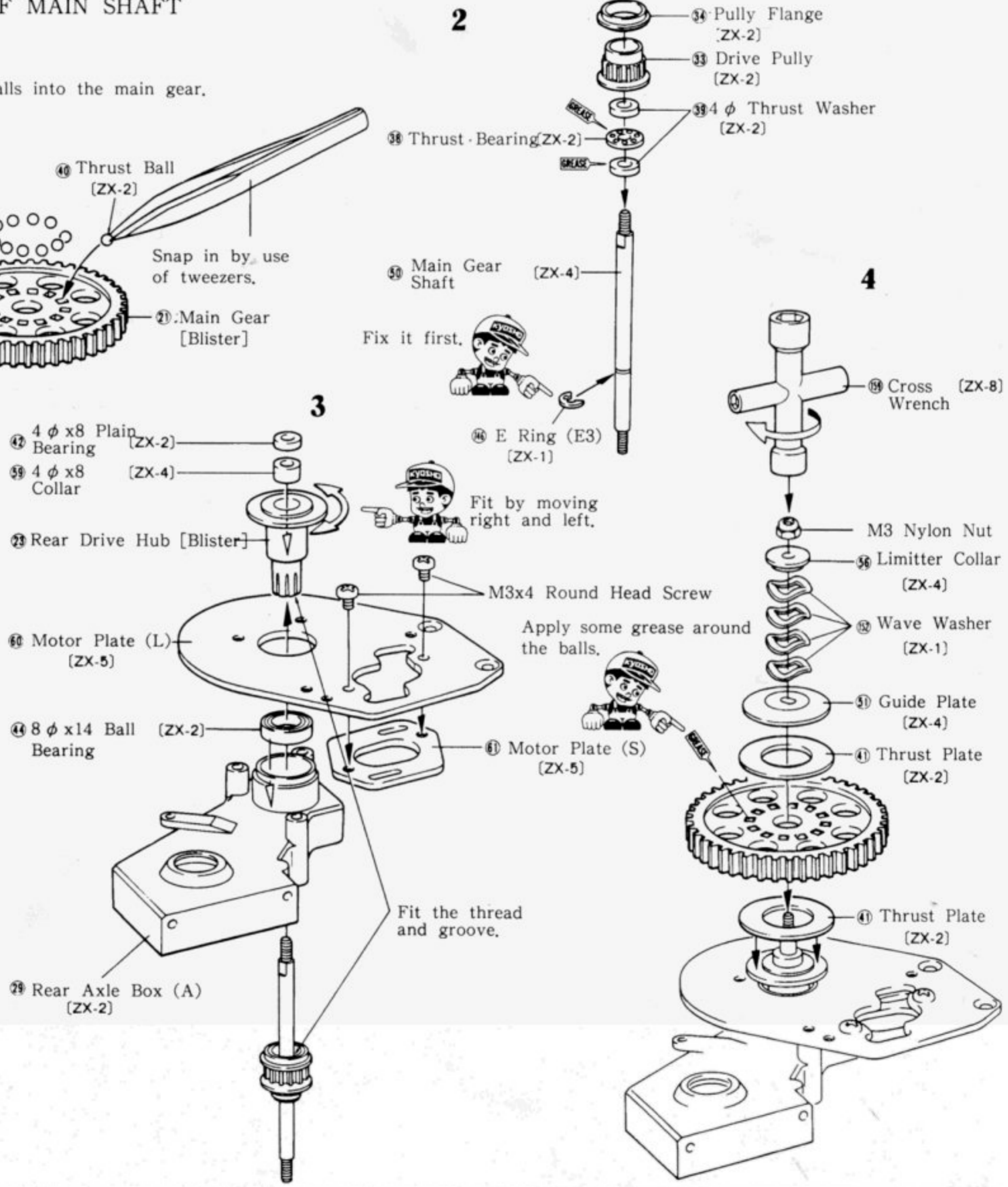
4 INSTALLATION OF FRONT DIFF.



5 ASSEMBLY OF MAIN SHAFT



- M3x4 Round Head Screw 2
- M3 Nylon Nut 1
- 4 φ Thrust Washer 2
- Thrust Ball 12
- 4 φ x8 Plain Bearing 1
- 4 φ x8 Collar 1
- E Ring (E3) 1



6 ASSEMBLY OF REAR AXLE BOX

1

- | | |
|---------------------------------|-------------------------|
| M3x10 TP Bind Screw ...1 | M3x45 Bind Screw .....2 |
| M3x18 TP Round Head Screw ....2 | M3x35 Bind Screw .....1 |
| M3x30 Bind Screw.....1 | M3x3 Set Screw .....1 |
| ② Needle Rollar Shaft ...2 | ④ 4 φ x6,5 Shim .....1 |
| ③ Needle Rollar .....3 | ⑧ 8 φ x12 Shim.....1 |
| ⑥ Limitter Nut .....1 | |

Assemble in order from ① ~ ⑤

⑩ Rear Axle Box (B) (ZX-2)

⑥ Rear Drive Belt [Blister]

③ Needle Rollar (ZX-2)



Hit gently with screw driver's head till the end.

M3x35 Bind Screw

③ Hook the belt and then insert.

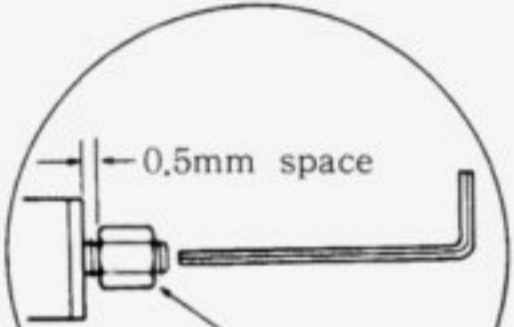
③ Needle Rollar (ZX-2)

② Needle Rollar Shaft (ZX-2)

Push in till the end.



2



The nut is locked by tightening the set screw with holding the nut.

*See page 23 for a provisional assemble and adjusting.

M3x3 Set Screw

⑥ Limitter Nut (ZX-4)

⑥ Limitter Collar (ZX-4)

② Front Drive Hub [Blister]

④ 8 φ x14 Ball Bearing (ZX-2)

⑧ 8 φ x12 Shim (ZX-1)

M3x10 TP Bind Screw

*Be careful about the direction.

③ Pulley Flange (ZX-2)

⑤ Front Drive Belt

③ Drive Pulley (ZX-2)

Fit it by moving right and left.



⑩ Rear Axle Box (C) (ZX-2)

Push in till the end.

③ Needle Rollar (ZX-2)

② Needle Rollar Shaft (ZX-2)

⑥ Side Plate (L) (ZX-5)

3

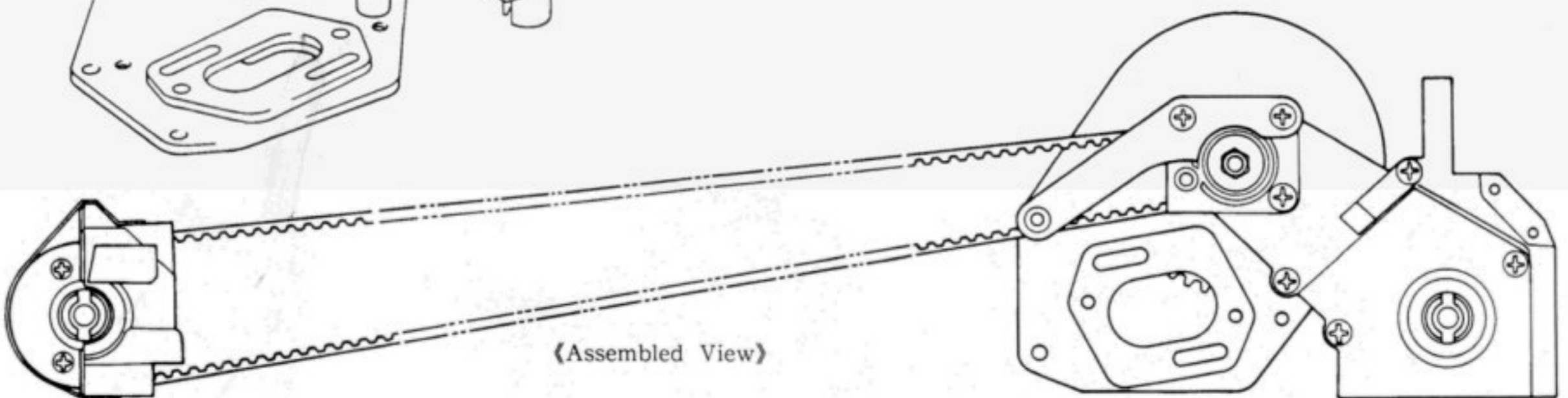
M3x30 Bind Screw

⑧ Rear Bulk Head (ZX-8)

M3x45 Bind Screw

M3x18 TP Round Head Screw

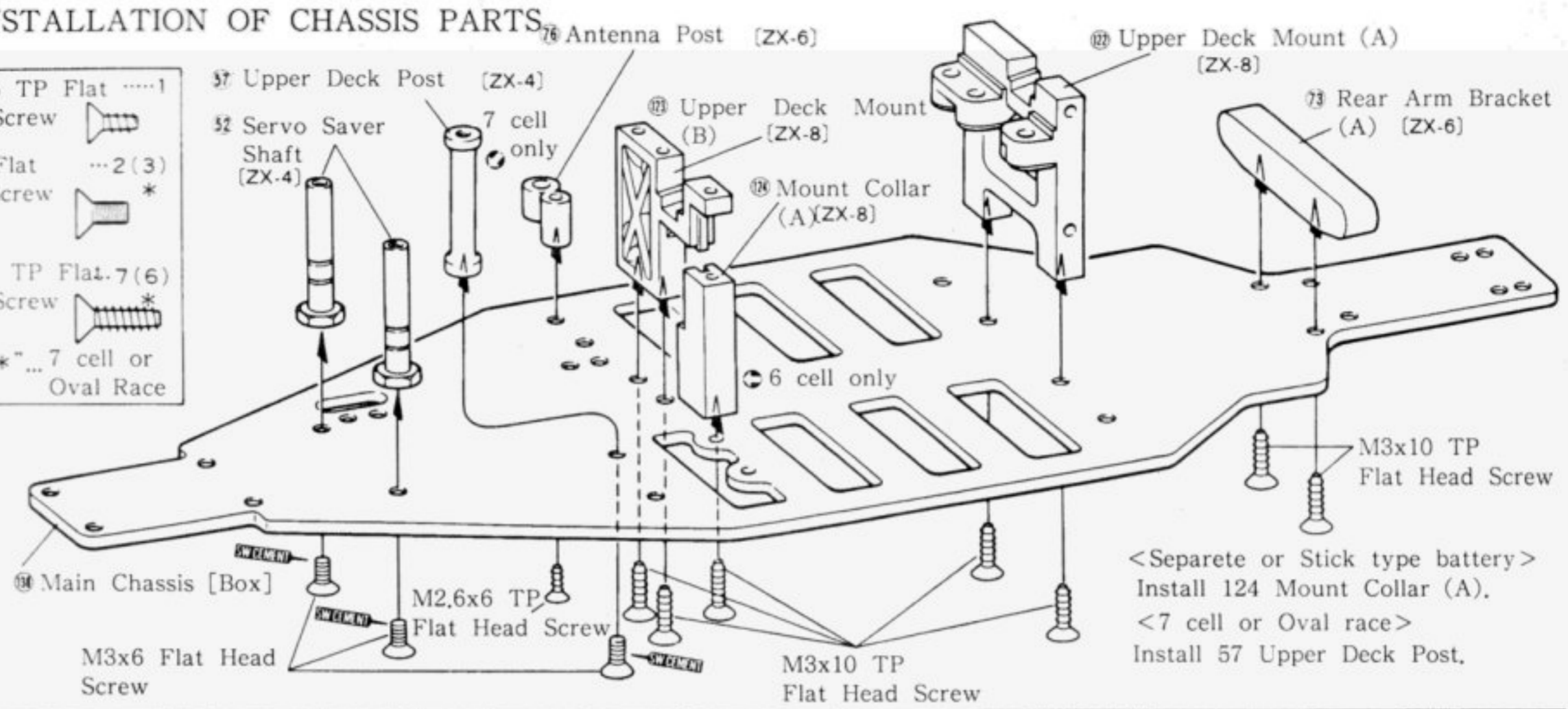
⑩ Rear Axle Box (D) (ZX-2)



《Assembled View》

7 INSTALLATION OF CHASSIS PARTS

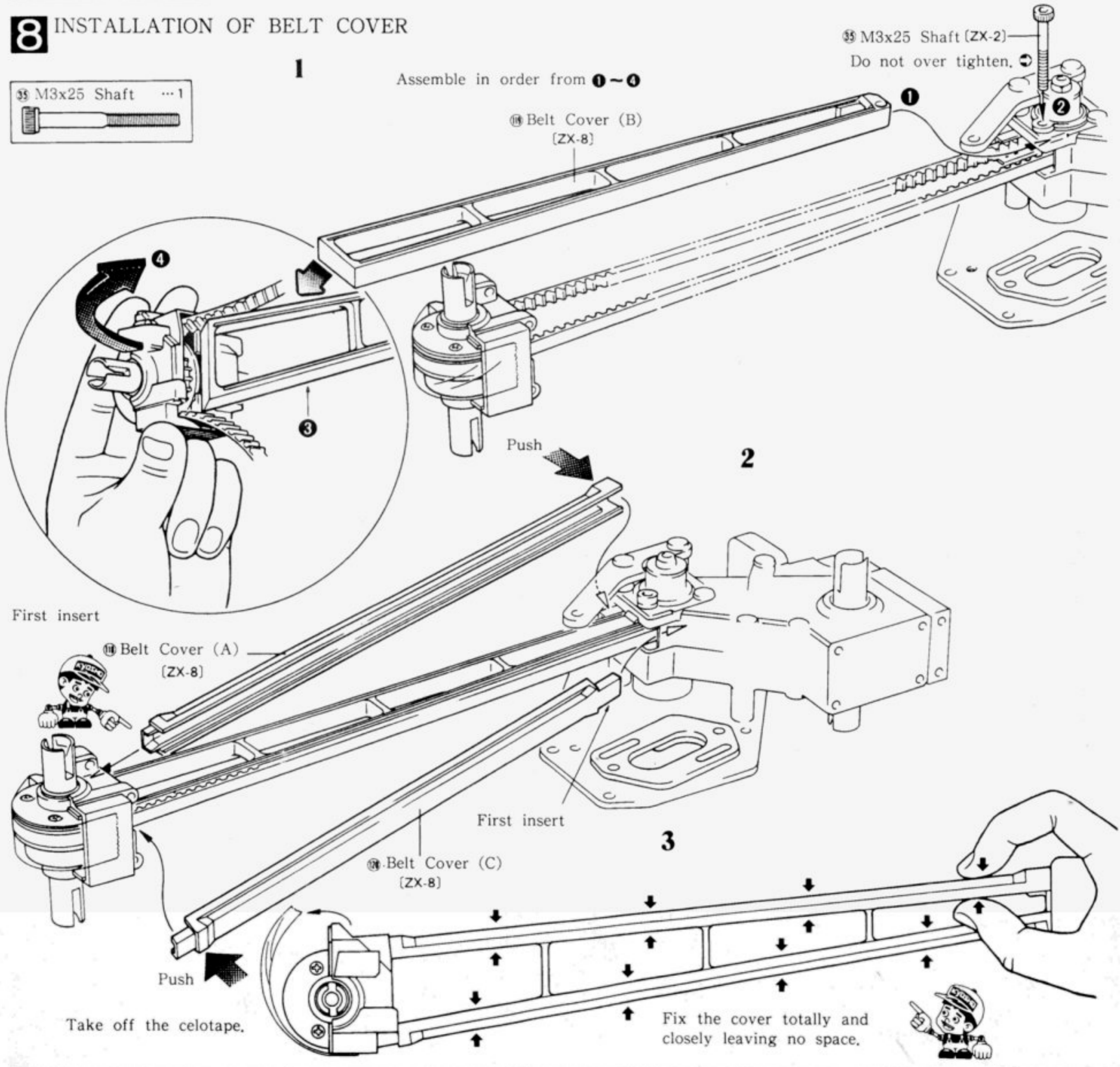
- M2.6x6 TP Flat Head Screw1
- M3x6 Flat Head Screw ...2 (3) *
- M3x10 TP Flat Head Screw .7 (6) *
- Mark "*" ... 7 cell or Oval Race



<Separate or Stick type battery>
Install 124 Mount Collar (A).
<7 cell or Oval race>
Install 57 Upper Deck Post.

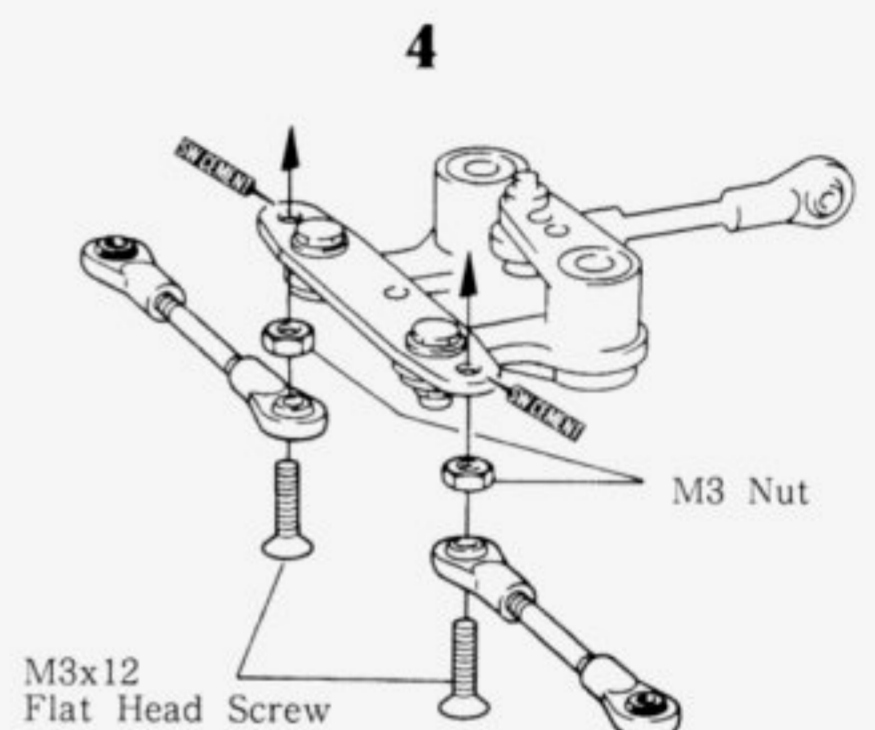
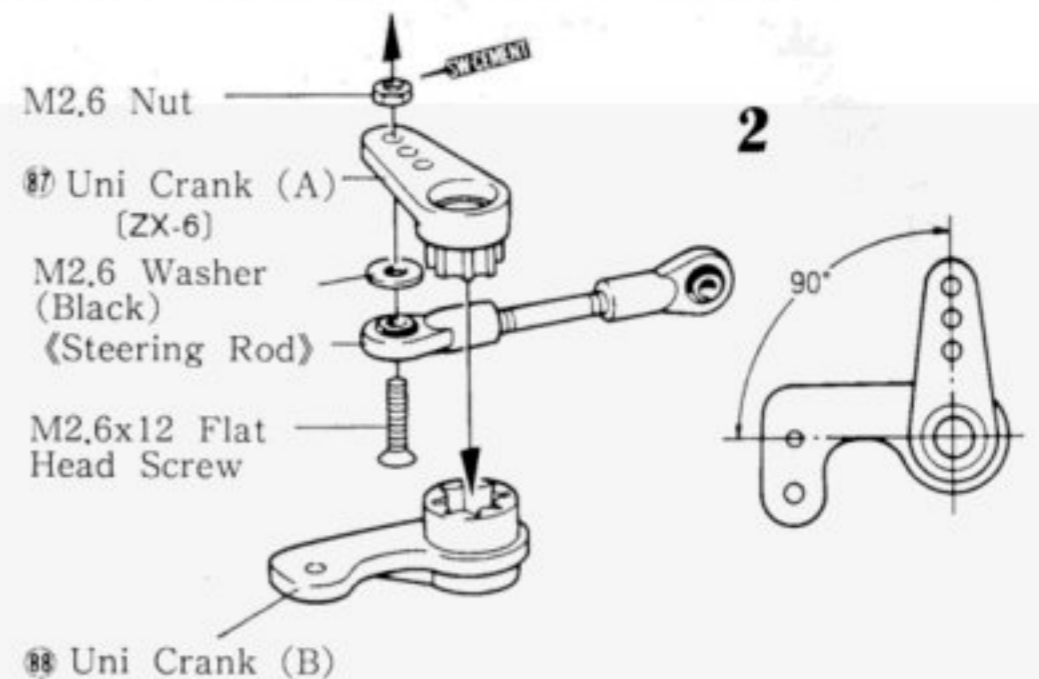
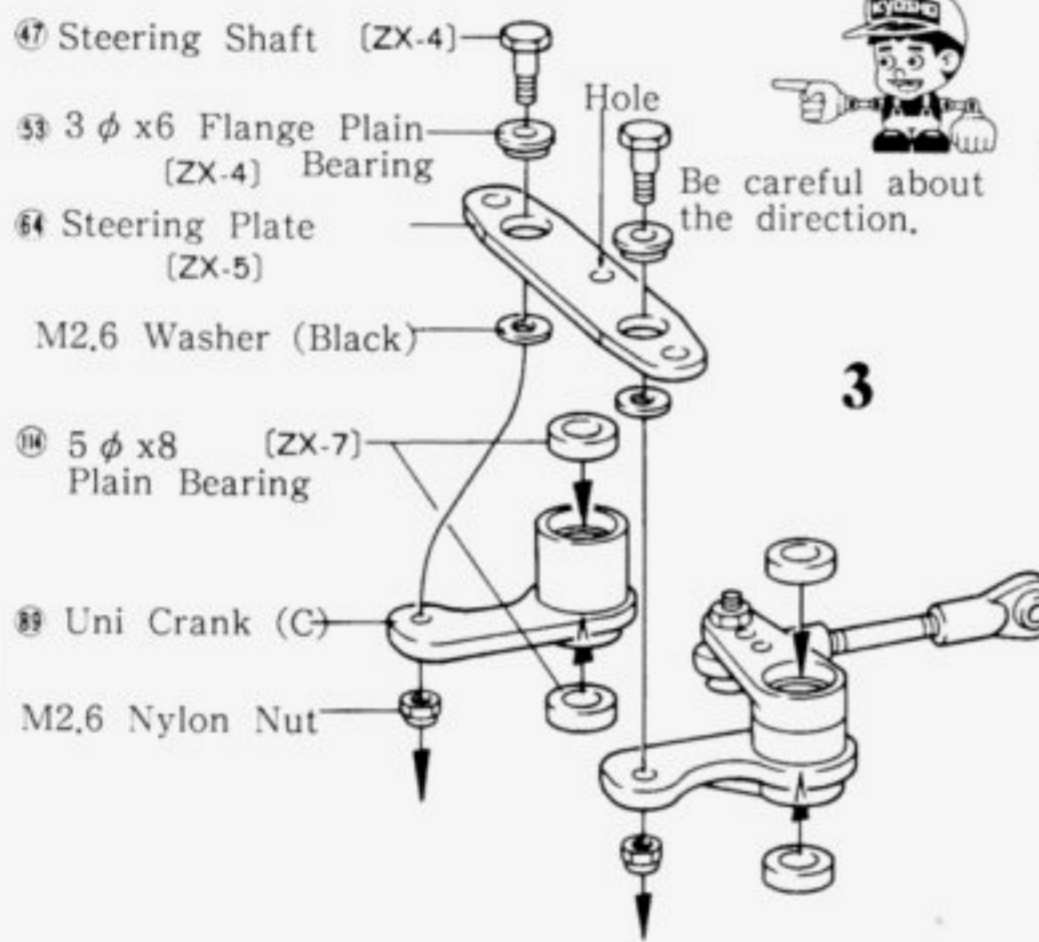
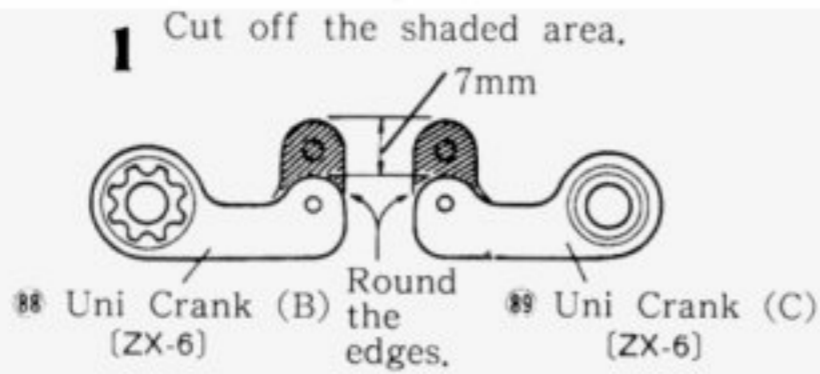
8 INSTALLATION OF BELT COVER

- M3x25 Shaft ...1



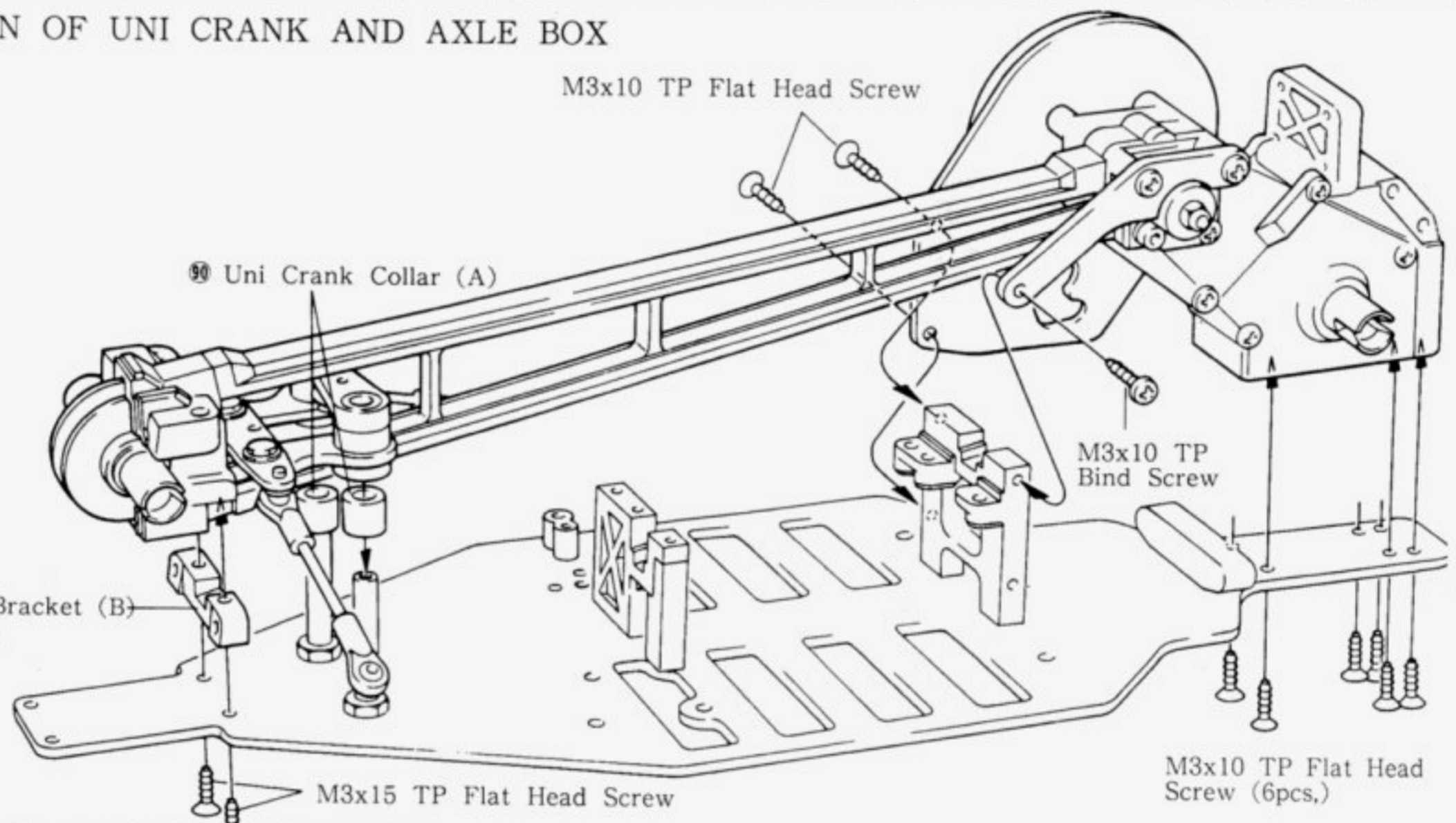
9 ASSEMBLY OF UNI CRANK

- M2,6x12 Flat Head Screw1
- M3x12 Flat Head Screw2
- M2,6 Nut1
- M3 Nut2
- M2,6 Nylon Nut.....2
- M2,6 Washer (Black)3
- ④7 Steering Shaft ..2
- ③3 ̢ x6 Flange Plain Bearing ..2
- ⑩5 ̢ x8 Plain Bearing4



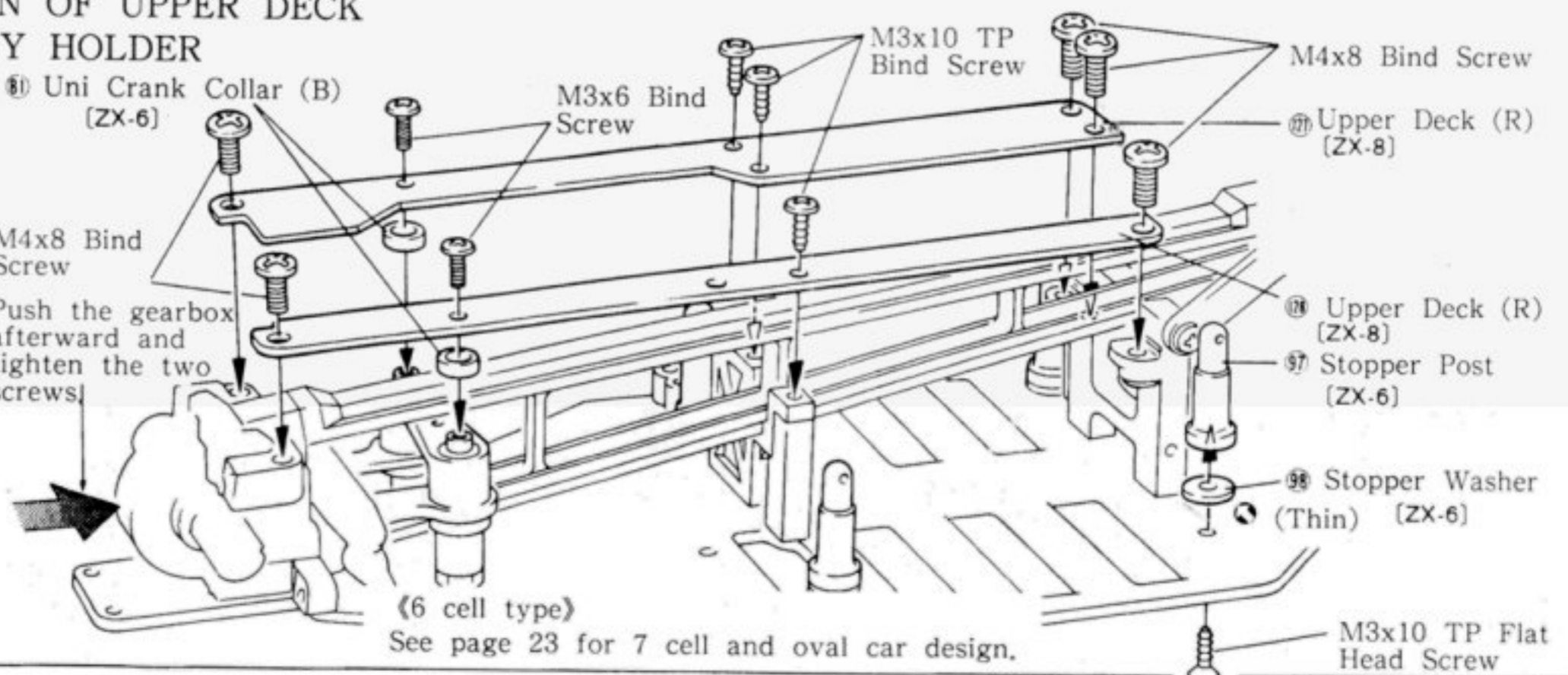
10 INSTALLATION OF UNI CRANK AND AXLE BOX

- M3x10 TP Flat Head Screw8
- M3x15 TP Flat Head Screw2
- M3x10 TP Bind Screw2
- ⑨0 Uni Crank Collar (A)2

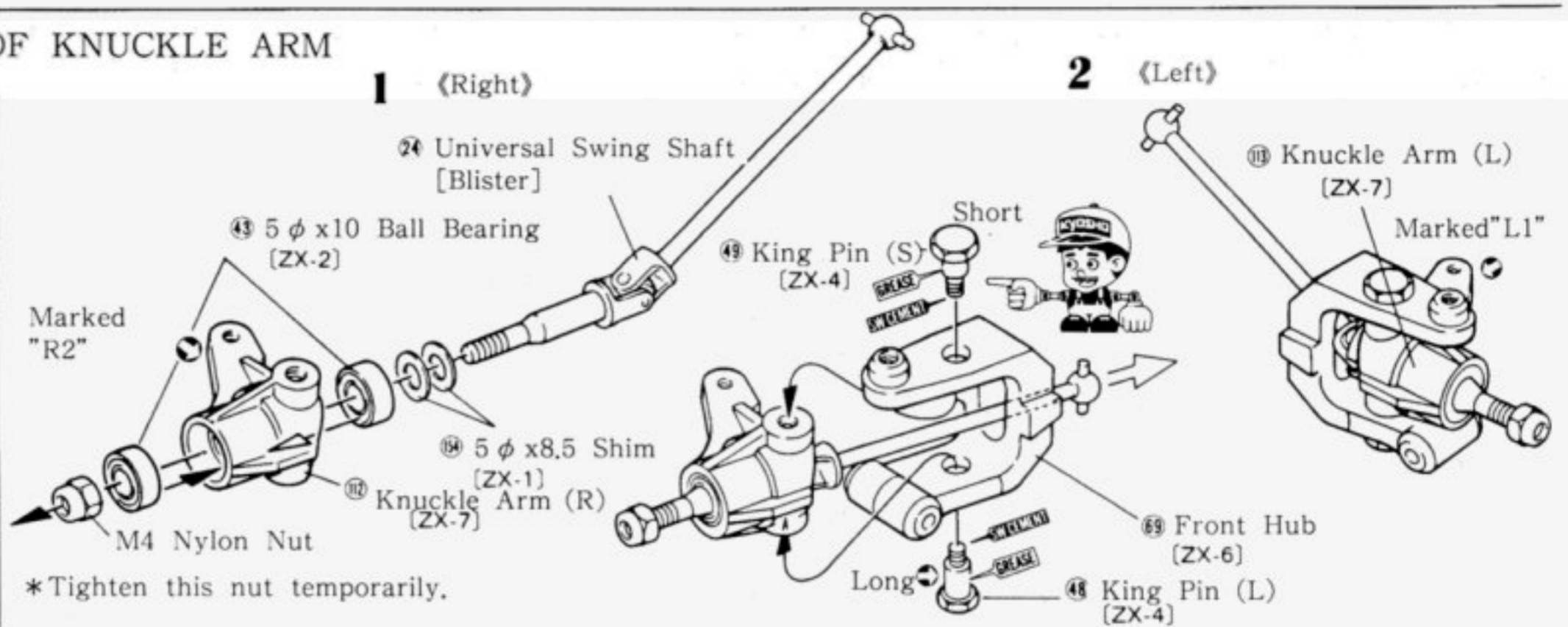
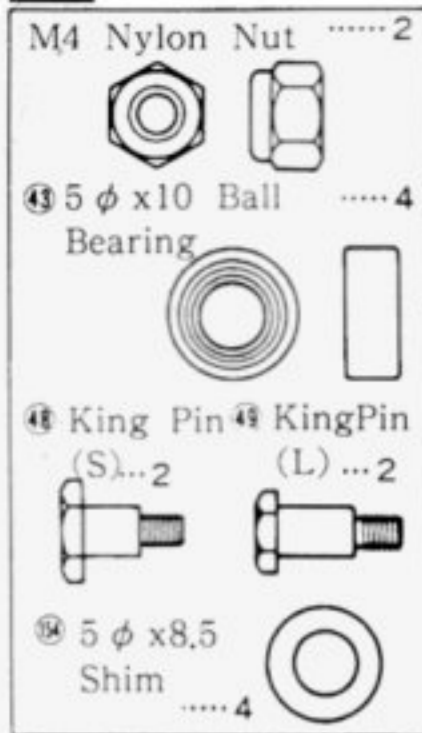


11 INSTALLATION OF UPPER DECK AND BATTERY HOLDER

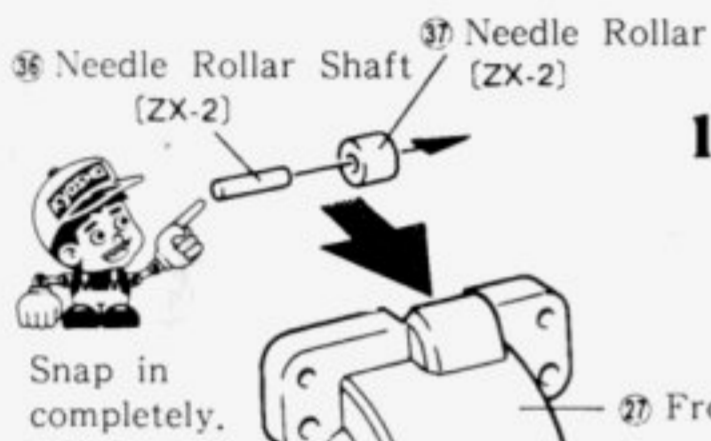
- M3x6 TP Bind Screw2
- M4x8 Bind Screw.....5
- M3x10 TP Bind Screw3
- M3x10 TP Bind Screw4
- ⑧1 Uni Crank Collar (A)2



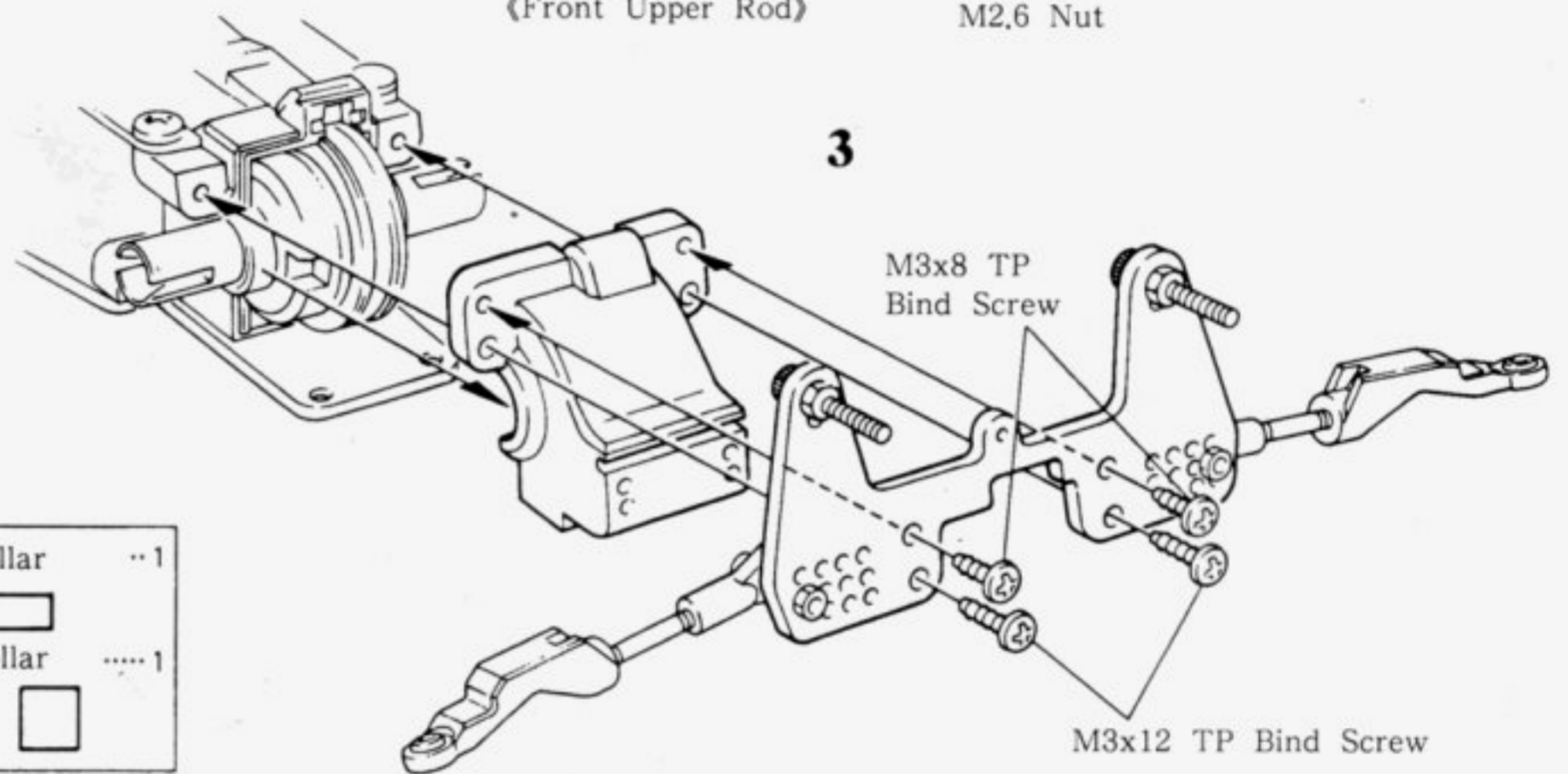
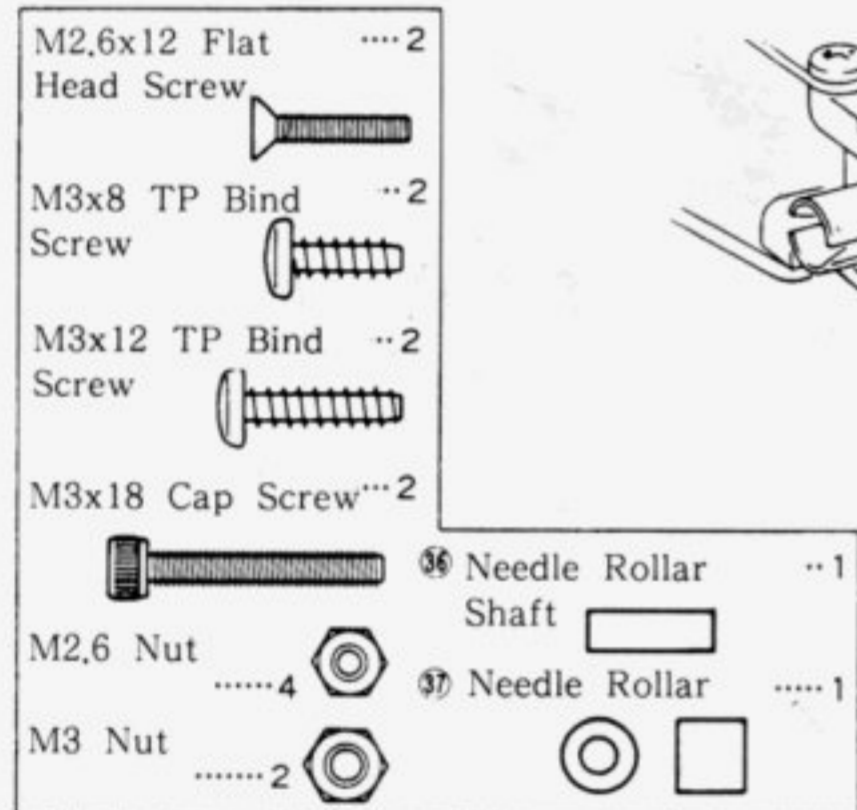
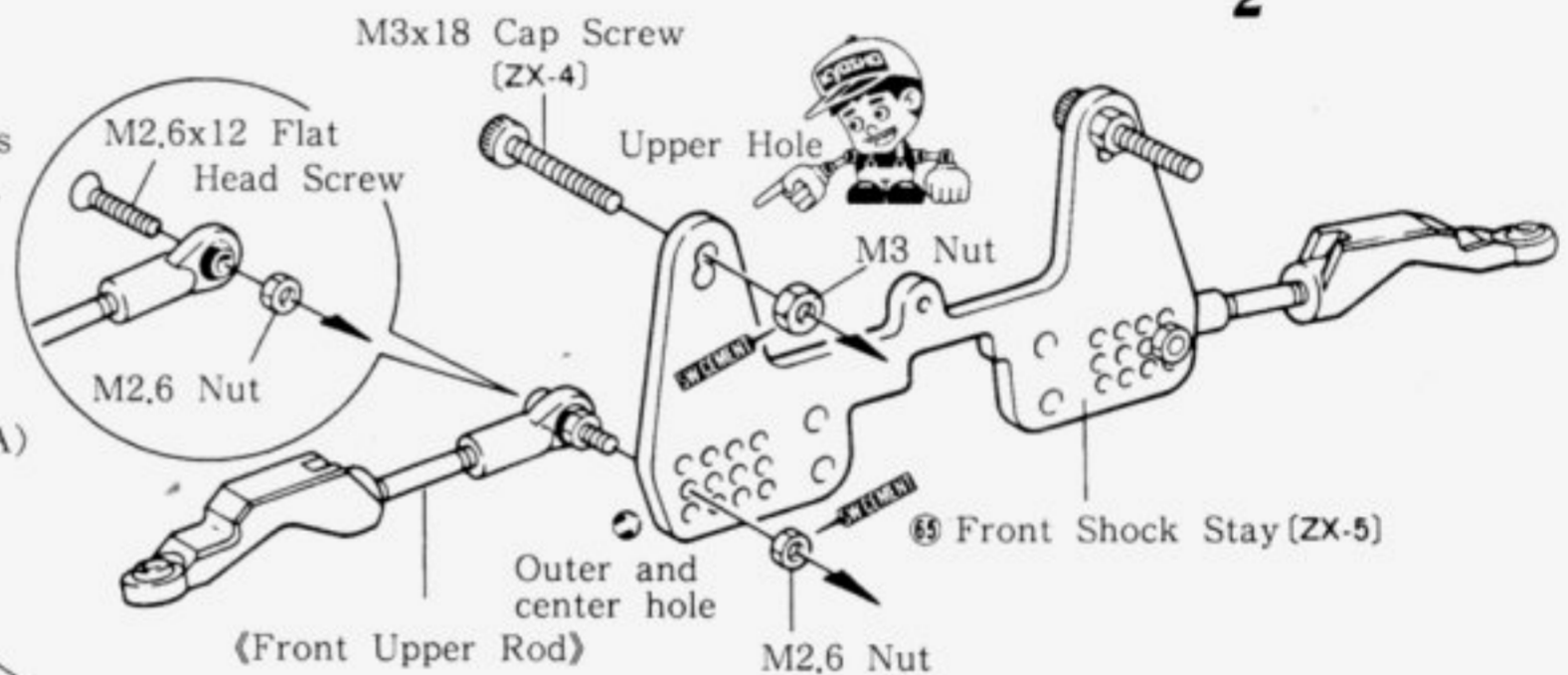
12 ASSEMBLY OF KNUCKLE ARM



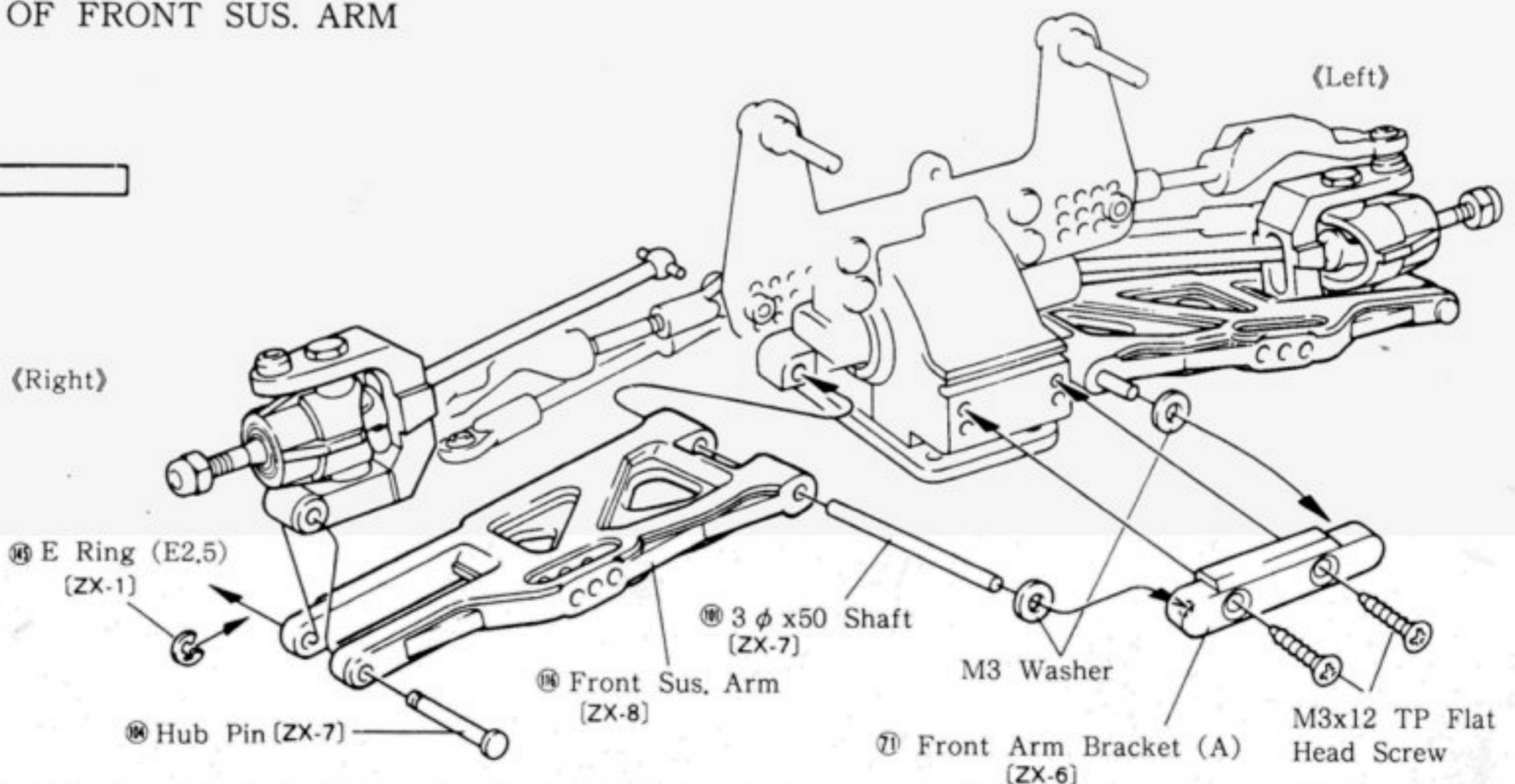
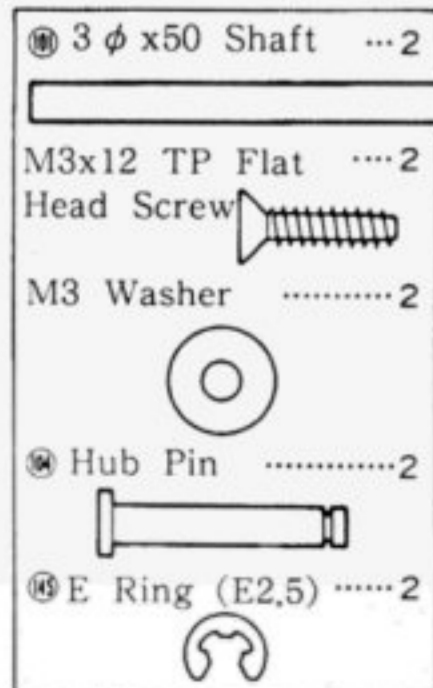
13 INSTALLATION OF FRONT SHOCK STAY



1 Tighten this screw fully.

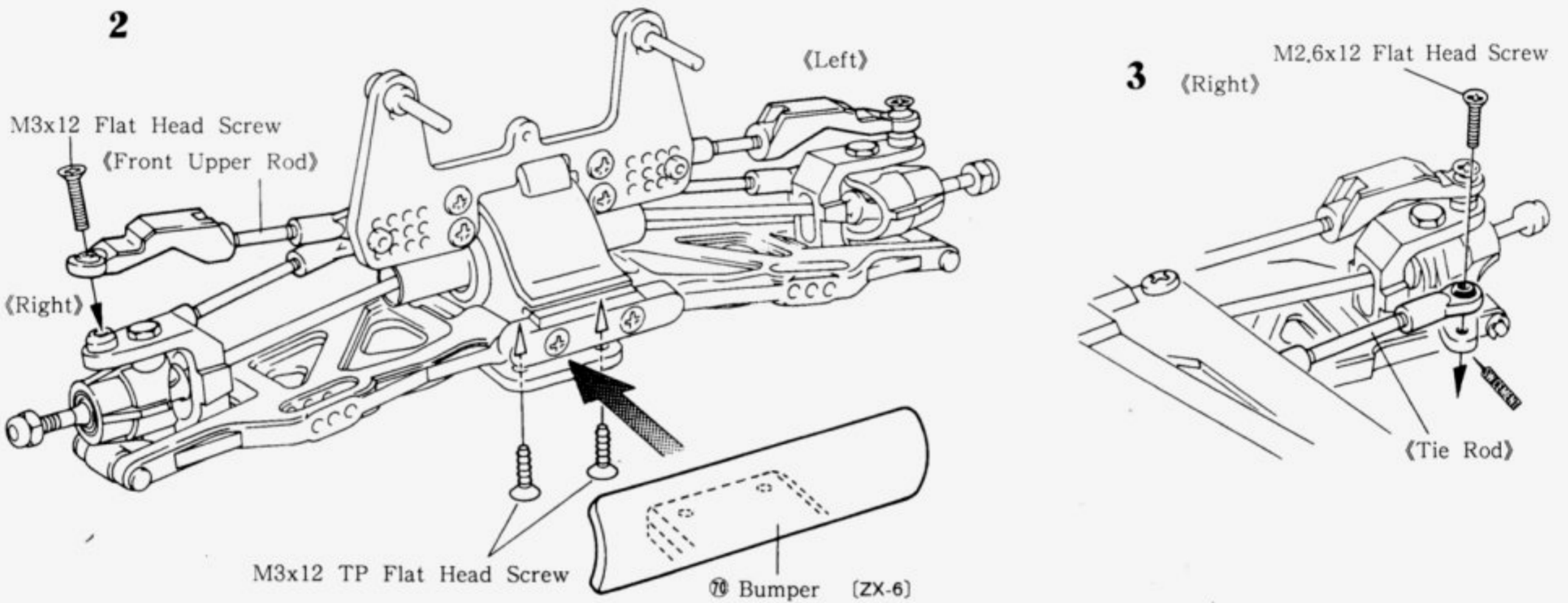


14 INSTALLATION OF FRONT SUS. ARM



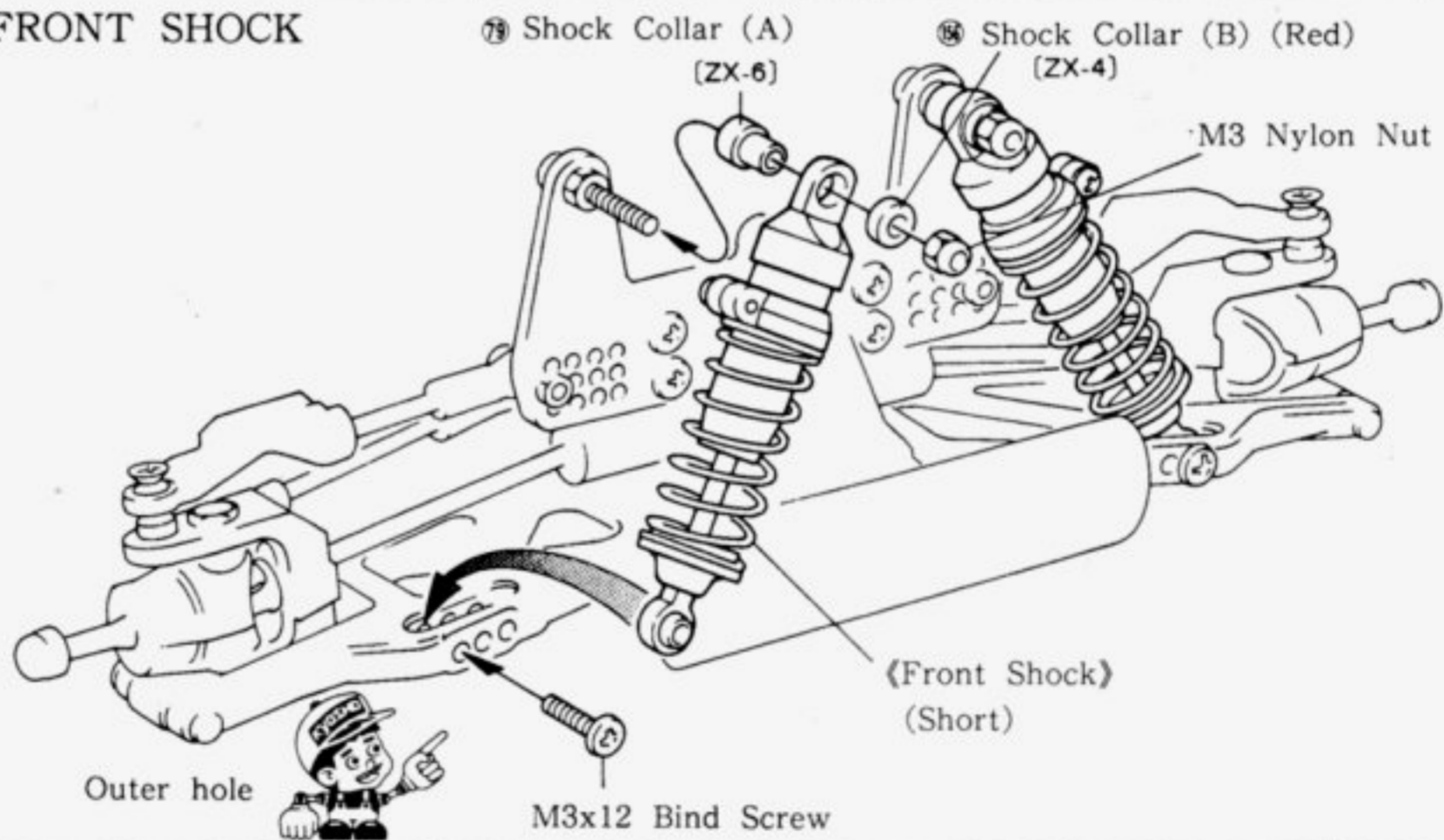
15 INSTALLATION OF KNUCKLE ARM AND BUMPER

- M2.6x12 Flat Head Screw 2
- M3x12 Flat Head Screw 2
- M3x12 TP Flat Head Screw 2



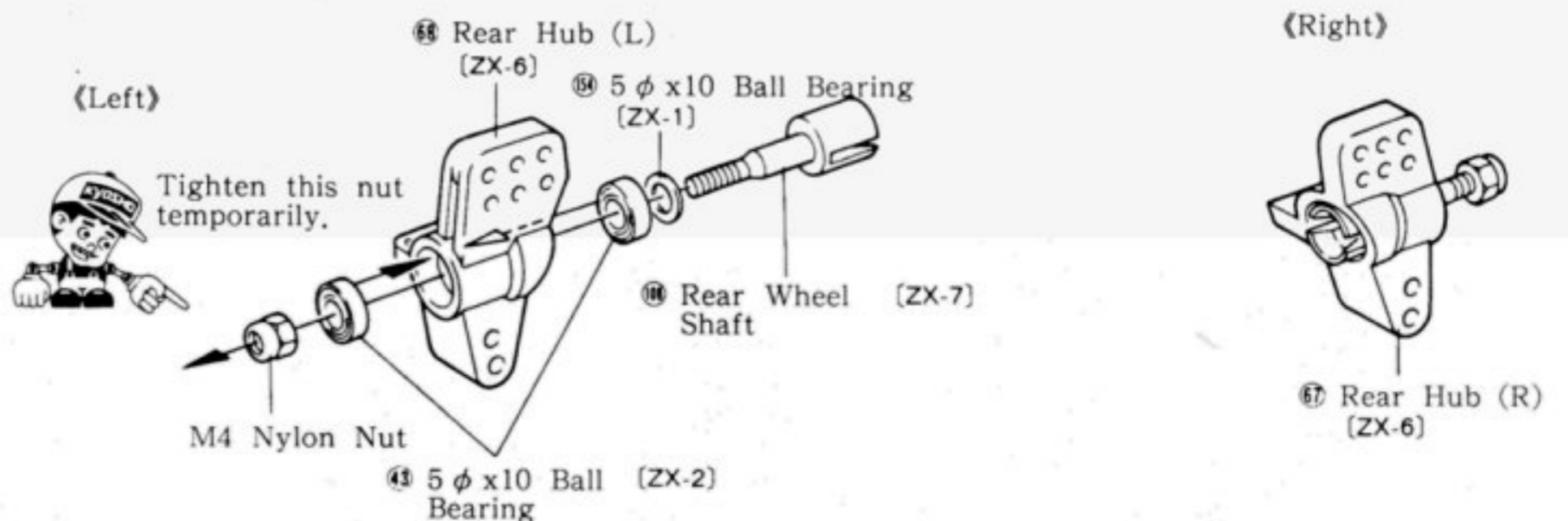
16 INSTALLATION OF FRONT SHOCK

- M3x12 Bind Screw 2
- M3 Nylon Nut 2
- 79 Shock Collar (A) 2
- 80 Shock Collar (B) (Red) 2



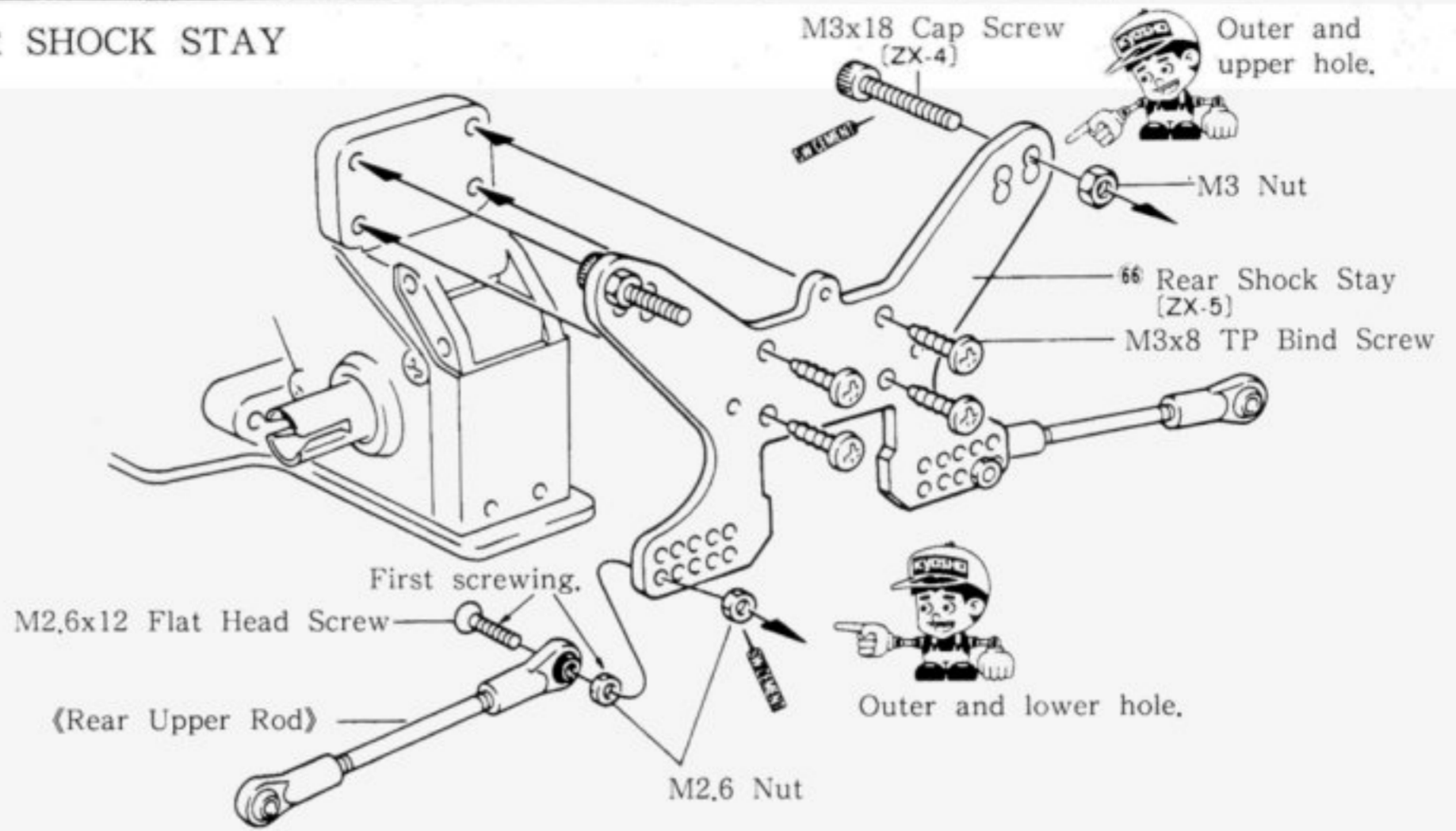
17 ASSEMBLY OF REAR HUB

- M4 Nylon Nut 2
- 43 5 φ x10 Ball Bearing 4
- 44 5 φ x8.5 Shim 2



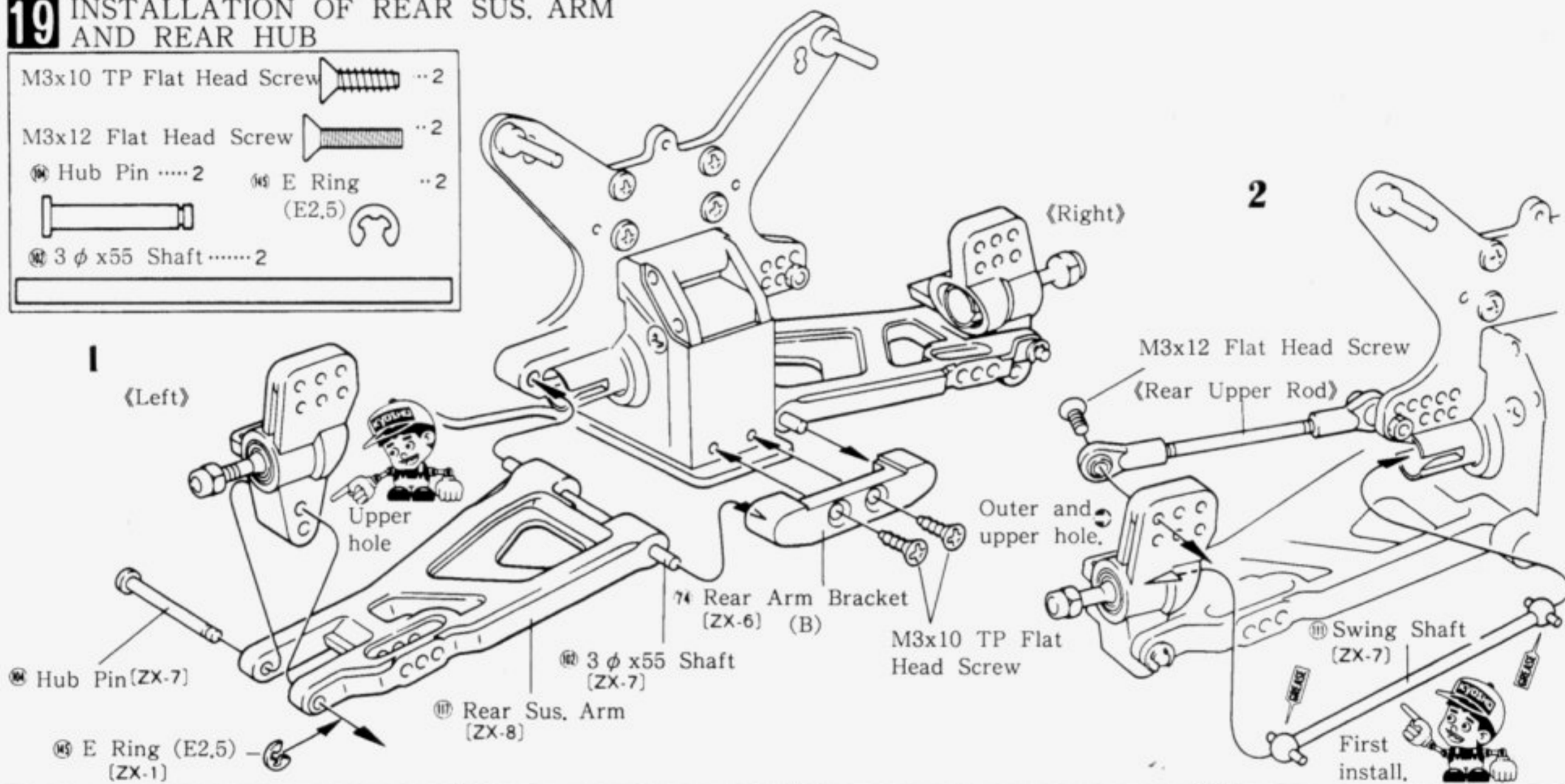
18 INSTALLATION OF REAR SHOCK STAY

- M2,6x12 Flat Head Screw 2
- M3x8 TP Bind Screw 4
- M3x18 Cap Screw 2
- 2,6 Nut 4
- M3 Nut 2



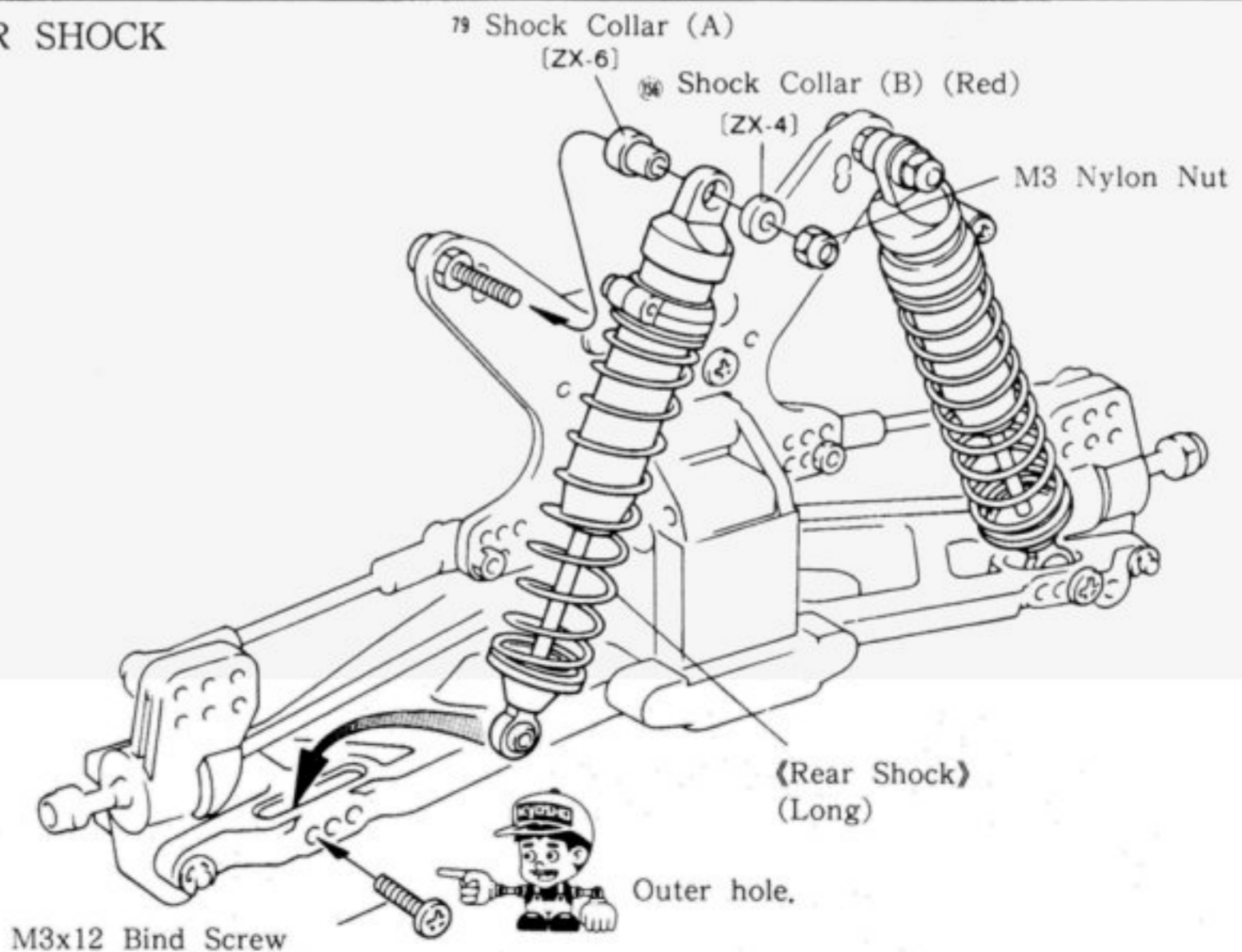
19 INSTALLATION OF REAR SUS. ARM AND REAR HUB

- M3x10 TP Flat Head Screw 2
- M3x12 Flat Head Screw 2
- Hub Pin 2
- E Ring (E2,5) 2
- 3 φ x55 Shaft 2

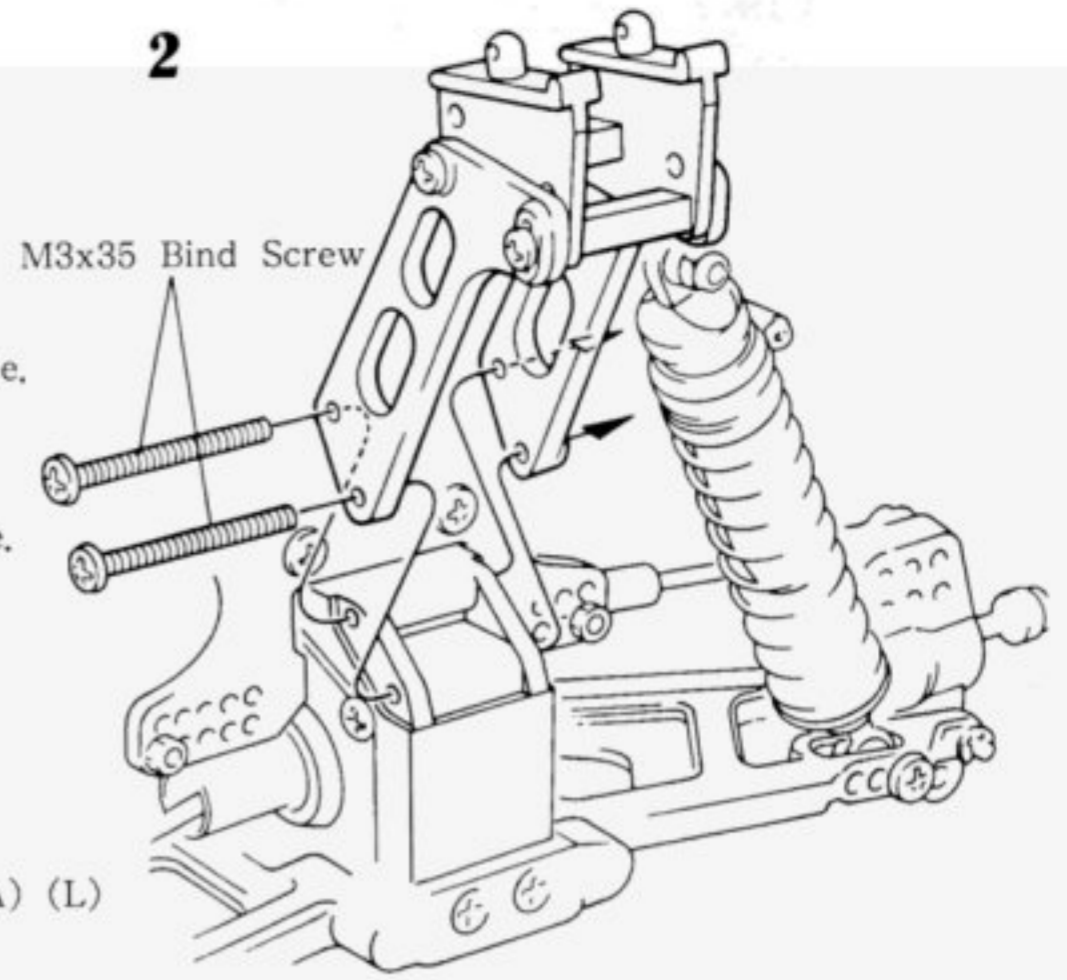
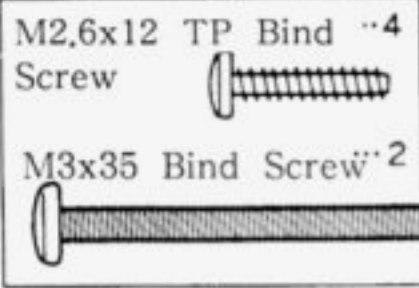
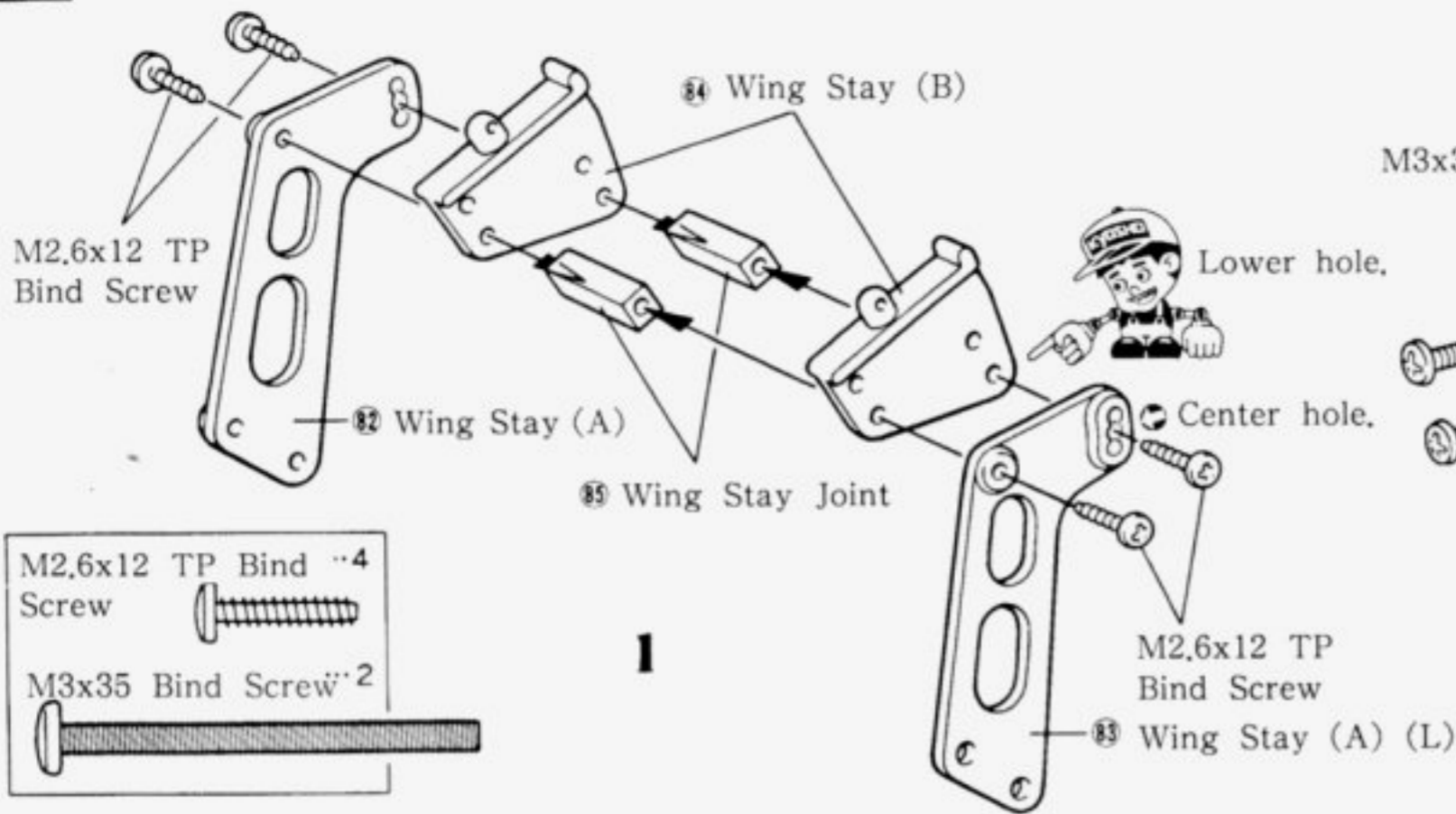


20 INSTALLATION OF REAR SHOCK

- M3x12 Bind Screw 2
- M3 Nylon Nut 2
- Shock Collar (A) 2
- Shock Collar (B) (Red) 2



21 ASSEMBLY AND INSTALLATION OF WING STAY



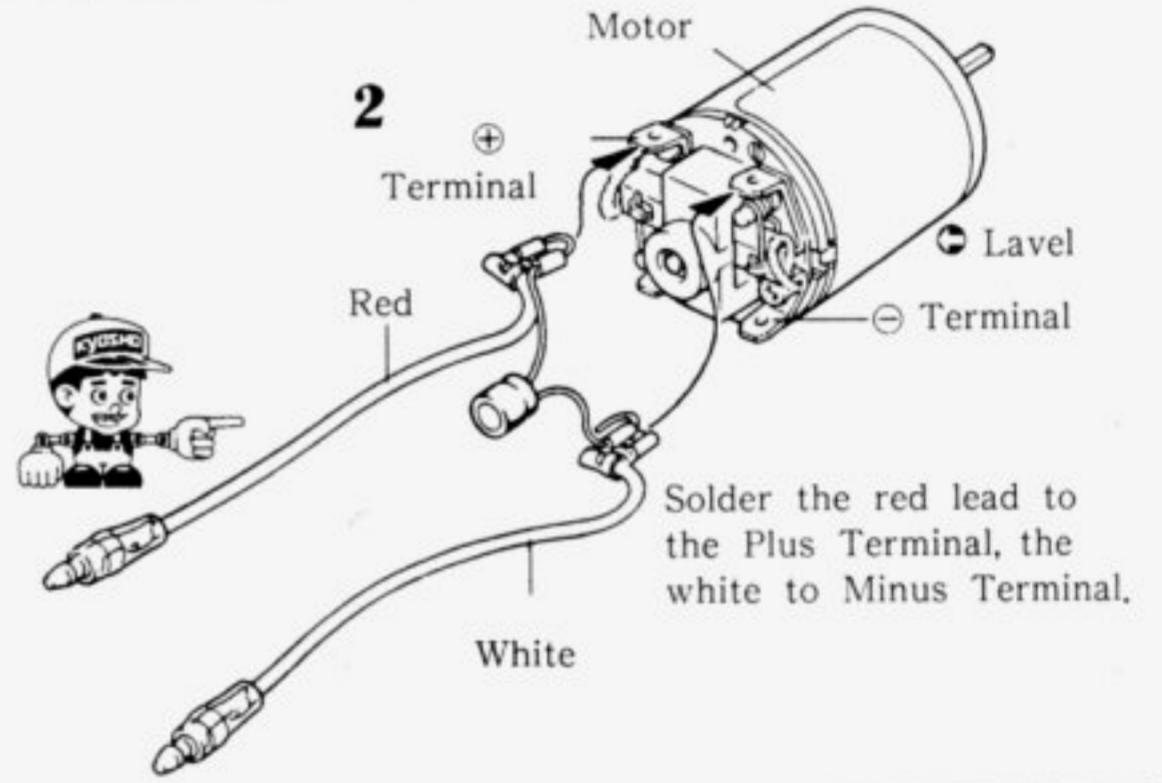
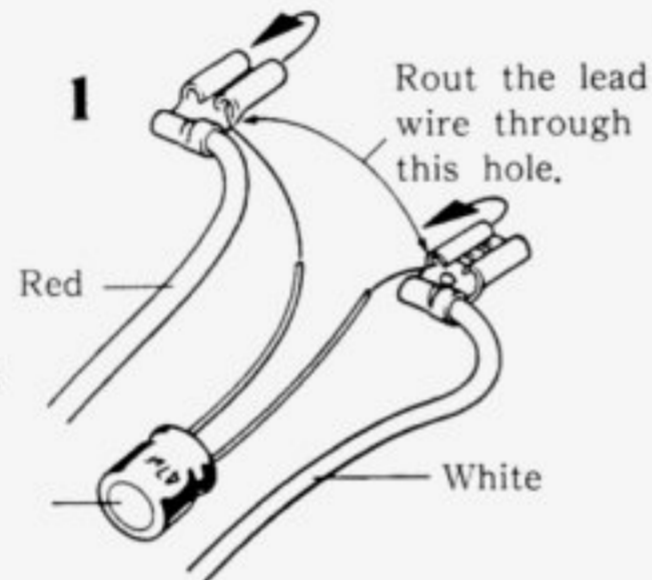
22 INSTALLATION OF MOTOR CORD

*Motor (Not included)

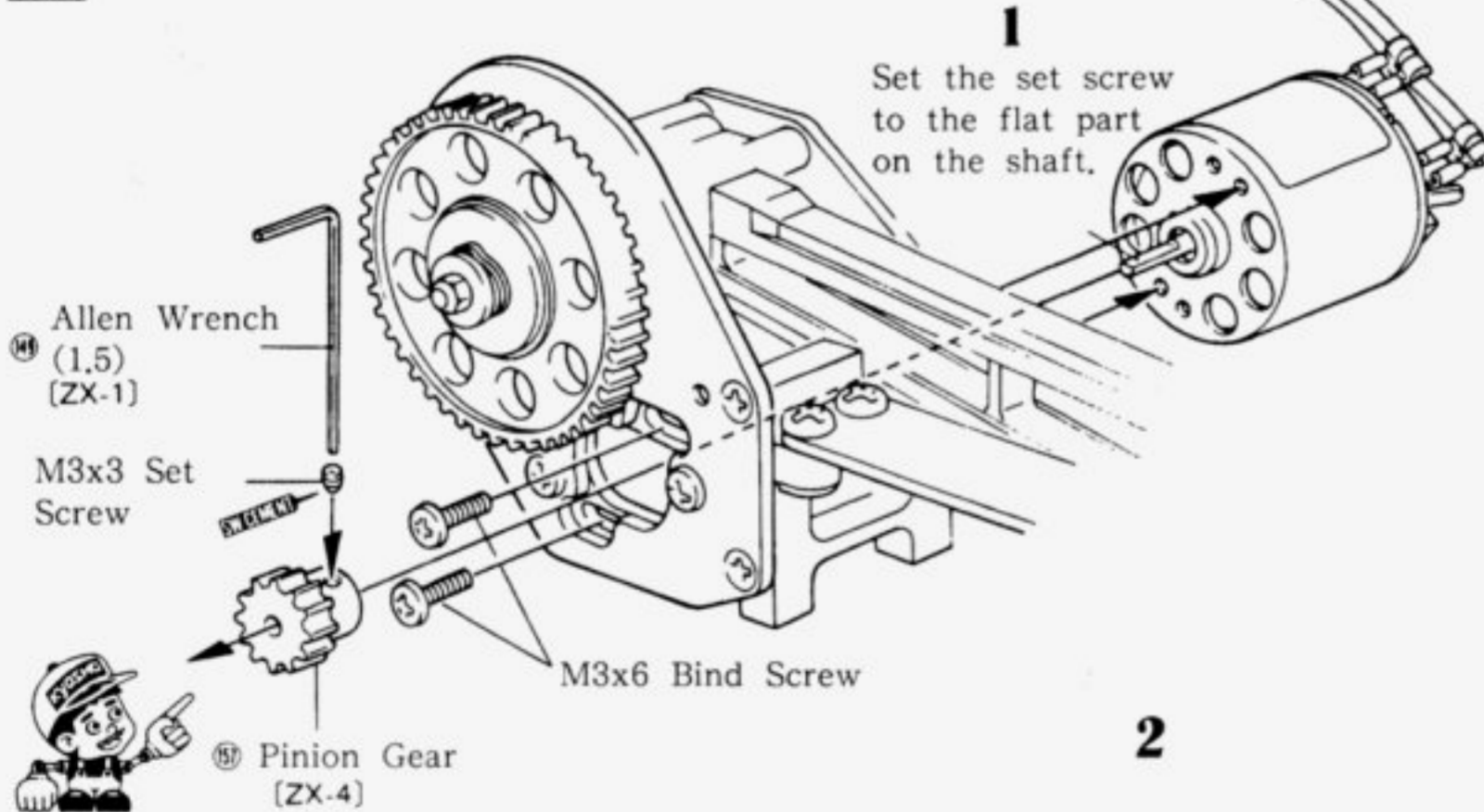
- SPA 240WS
- Le Mans H240S
- Le Mans Pro Hi-Torque
- Le Mans Hi-Speed
- Le Mans Speed 240T

Motor Cord (Red, White)...1 set

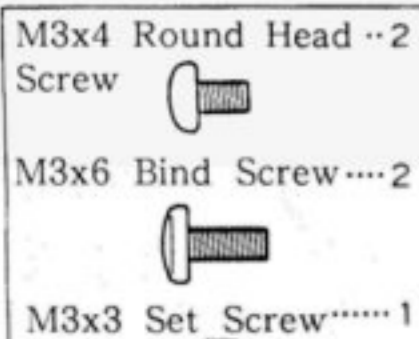
Electronics Condenser



23 INSTALLATION OF MOTOR AND GEAR COVER

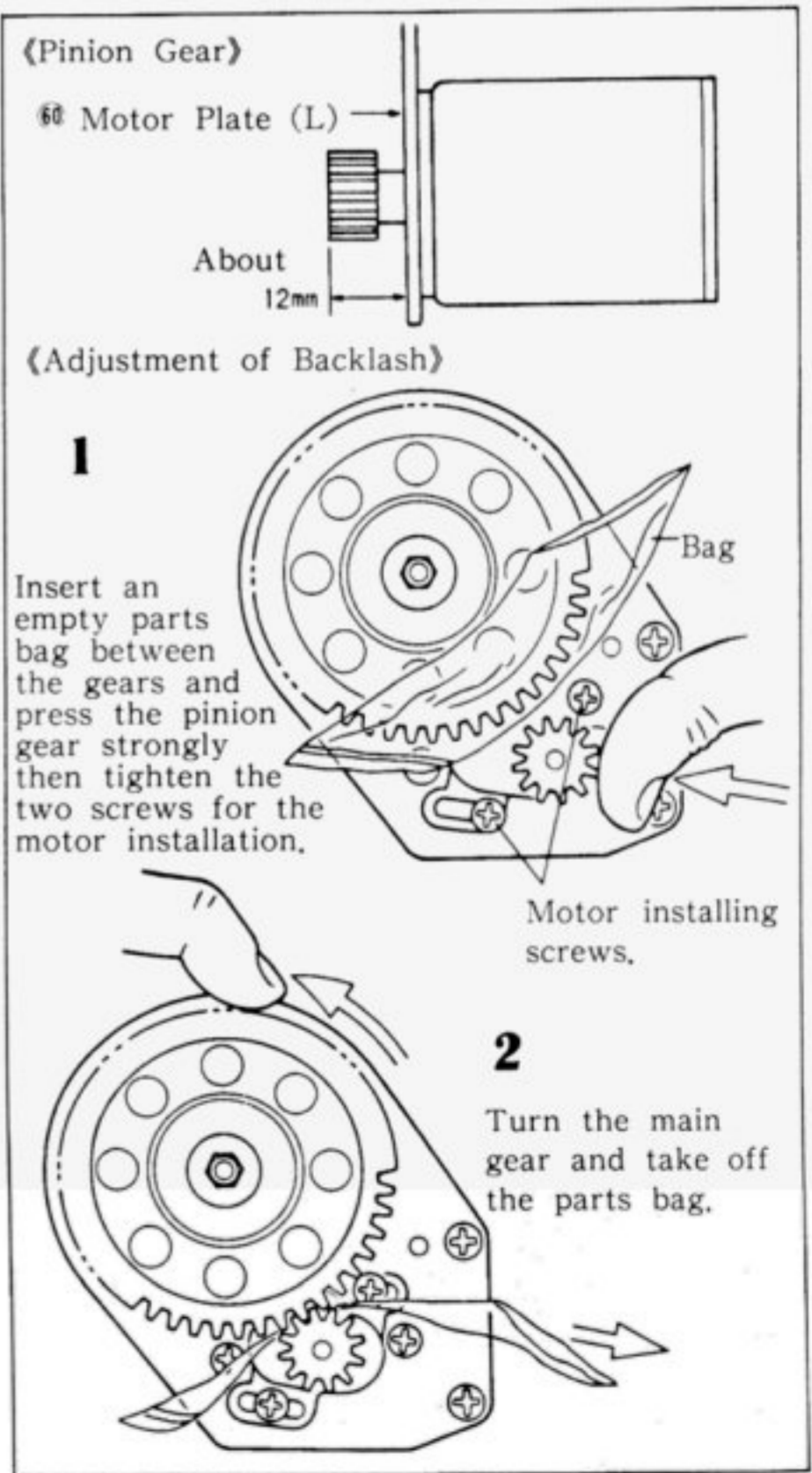


Install as shown right drawing.

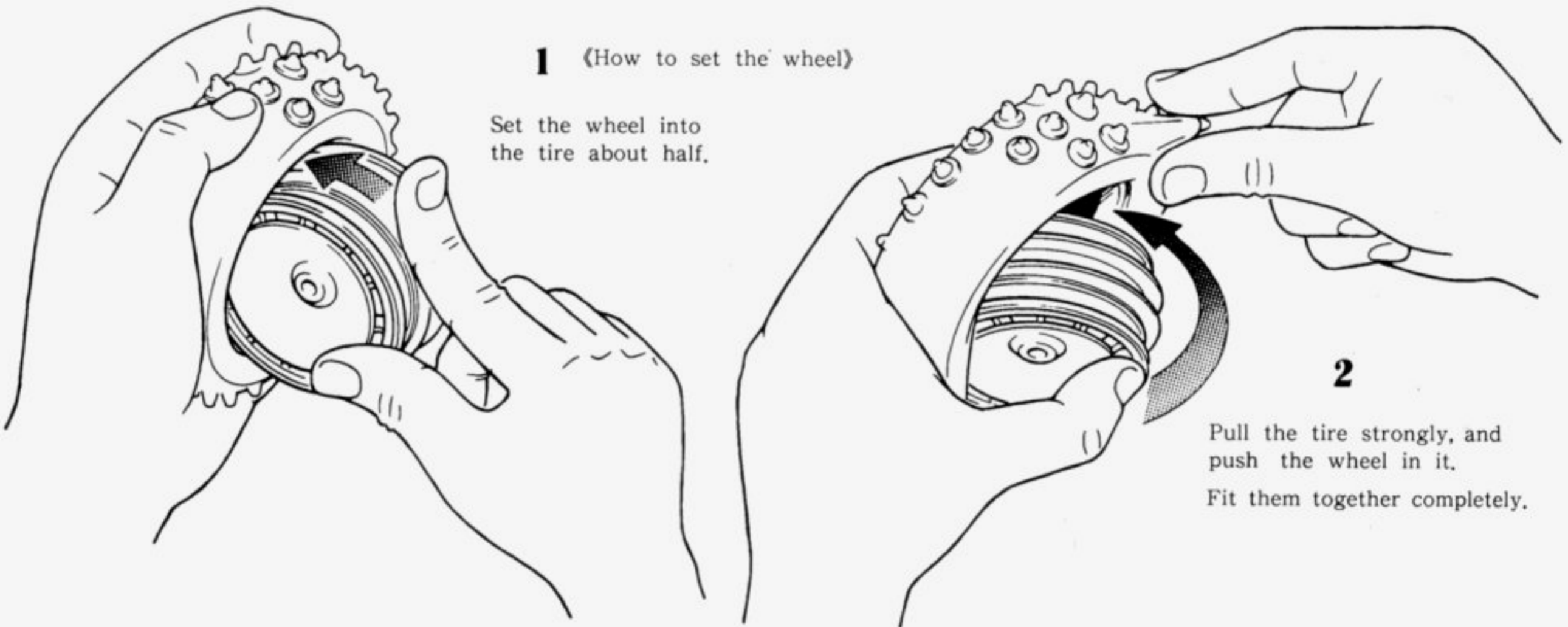
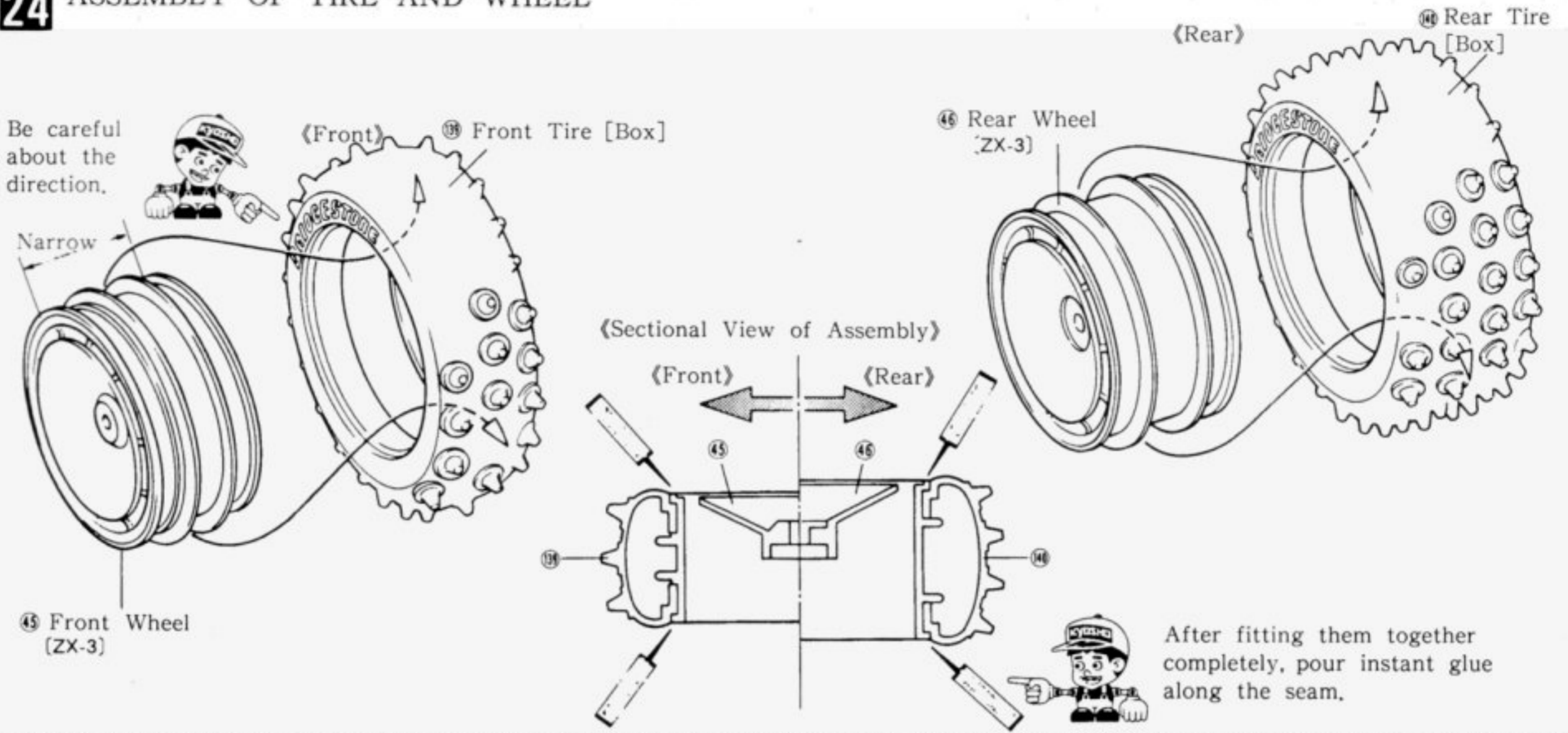


M3x4 Round Head Screw

⑯ Gear Cover



24 ASSEMBLY OF TIRE AND WHEEL

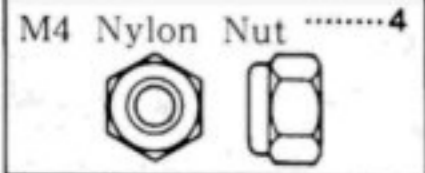
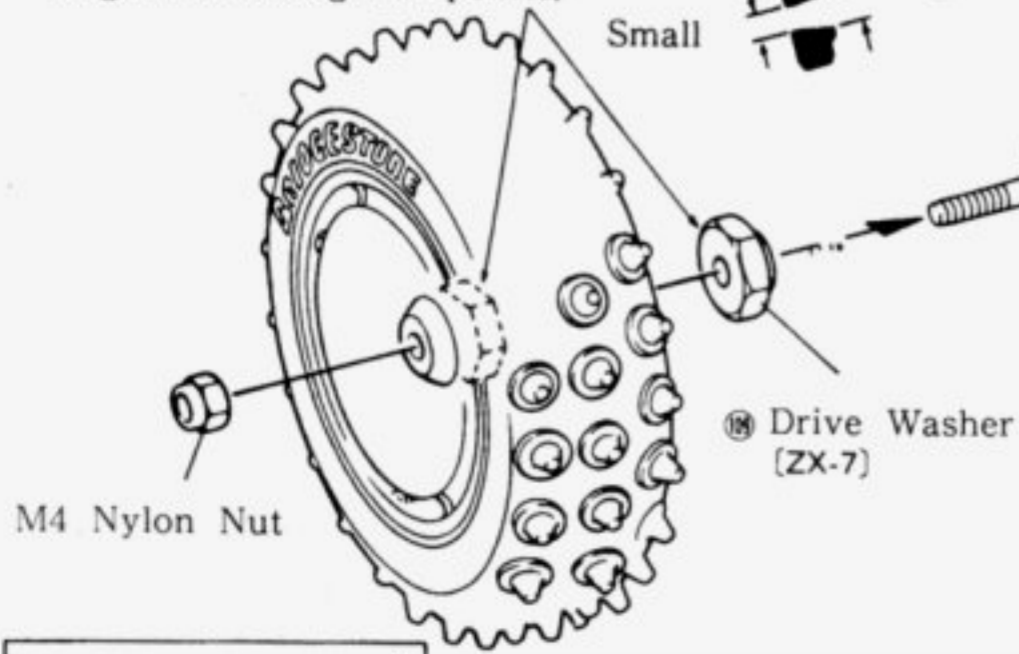


25 INSTALLATION OF TIRE

《Front》 《Right》

*Be careful about the orientation, the bigger hole should be inside.

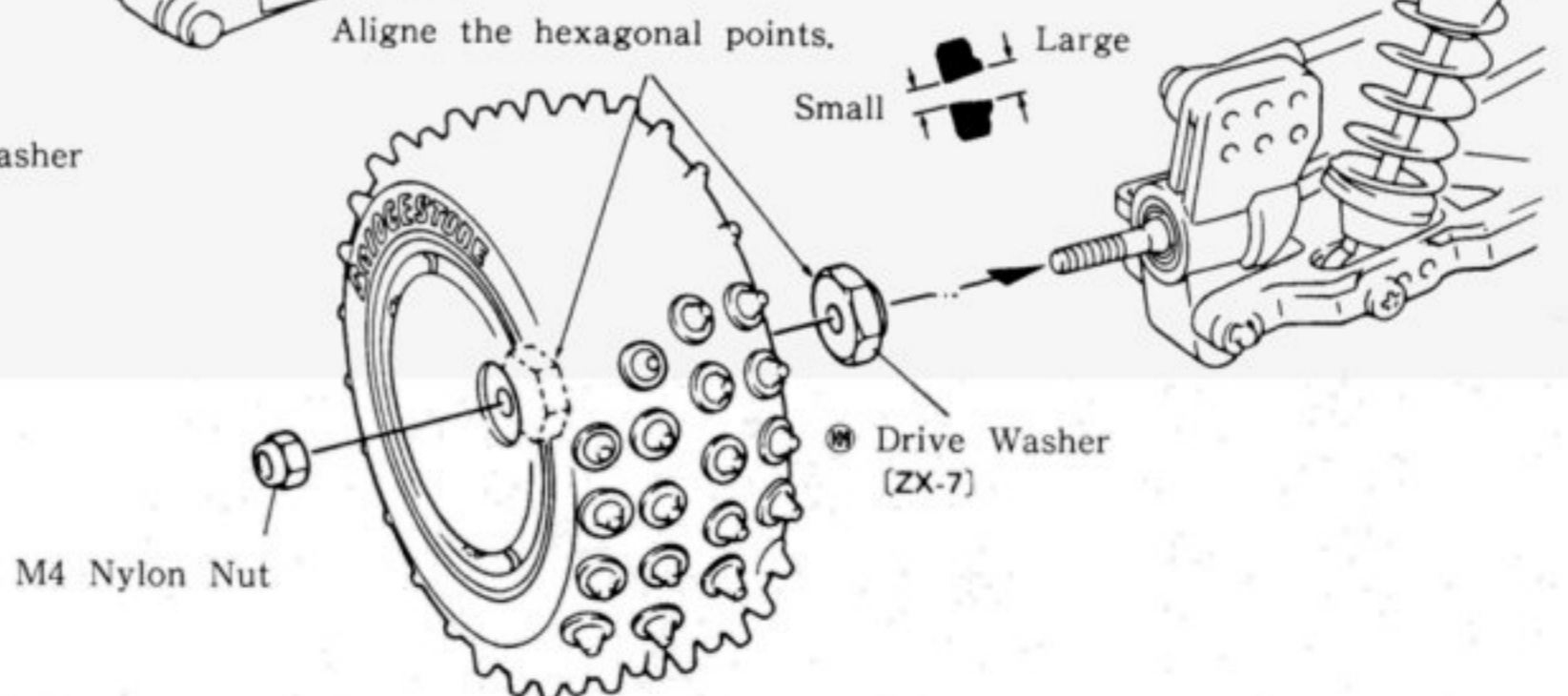
Align the hexagonal points.



《Rear》 《Left》

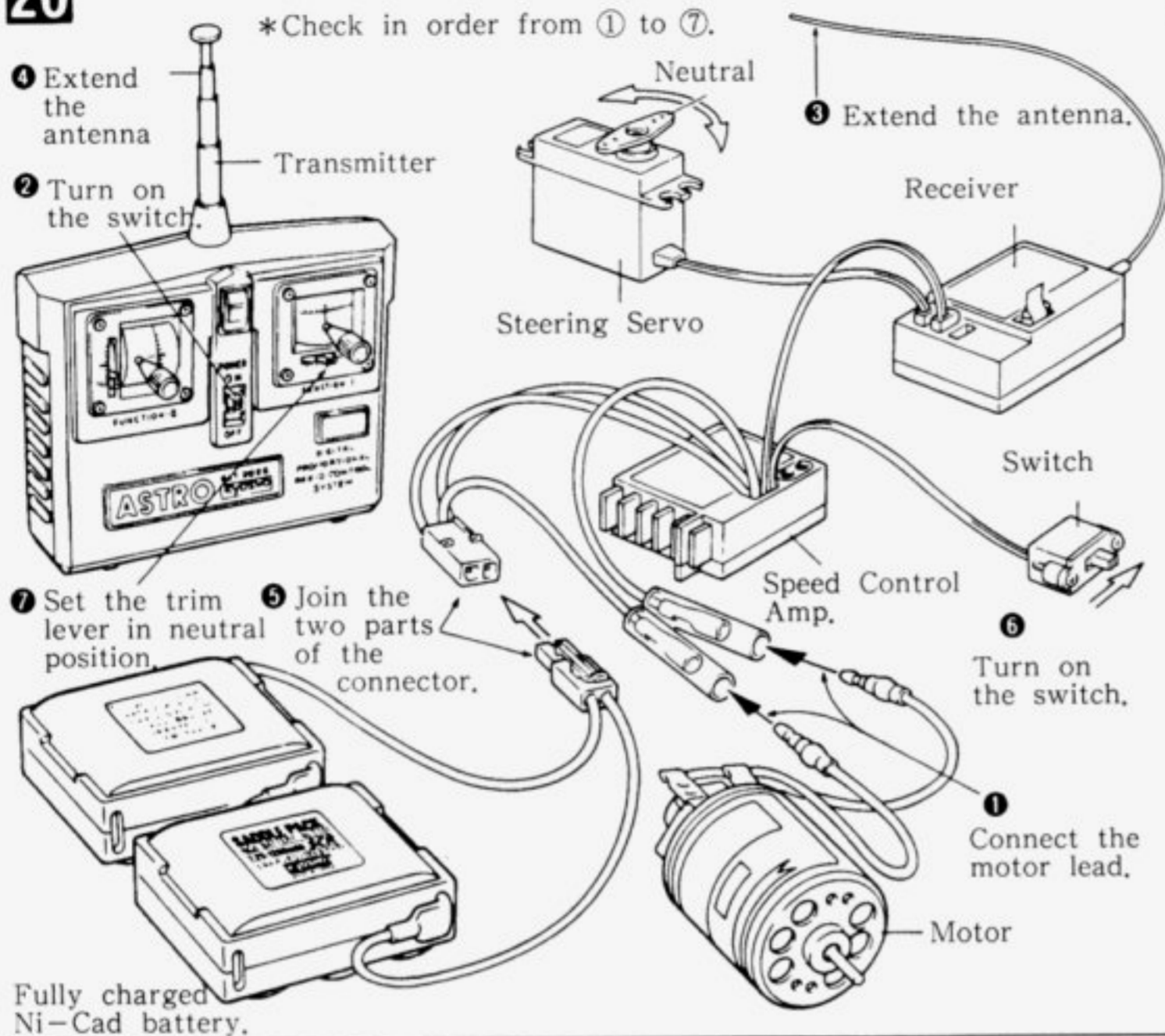
*Be careful about the orientation, the bigger hole should be inside.

Align the hexagonal points.



● INSTALLATION OF RADIO UNIT AND LINKAGE

26 HOW TO CHECK RADIO UNIT



Fully charged Ni-Cad battery.

<The Lazer ZX is designed to use speed control amp.>

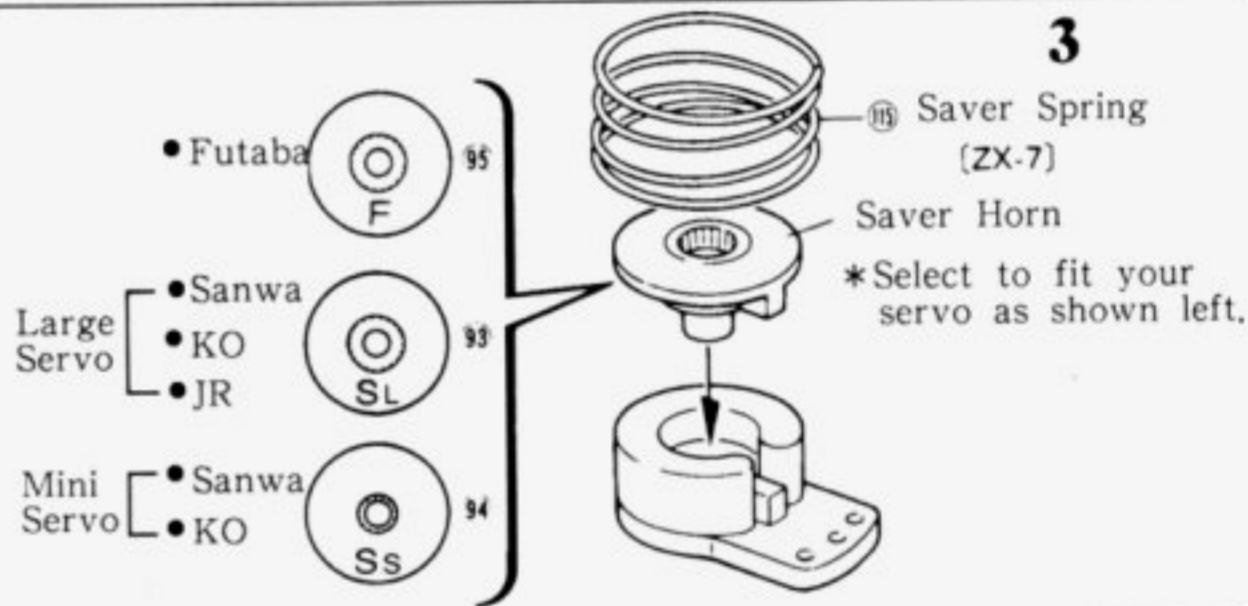
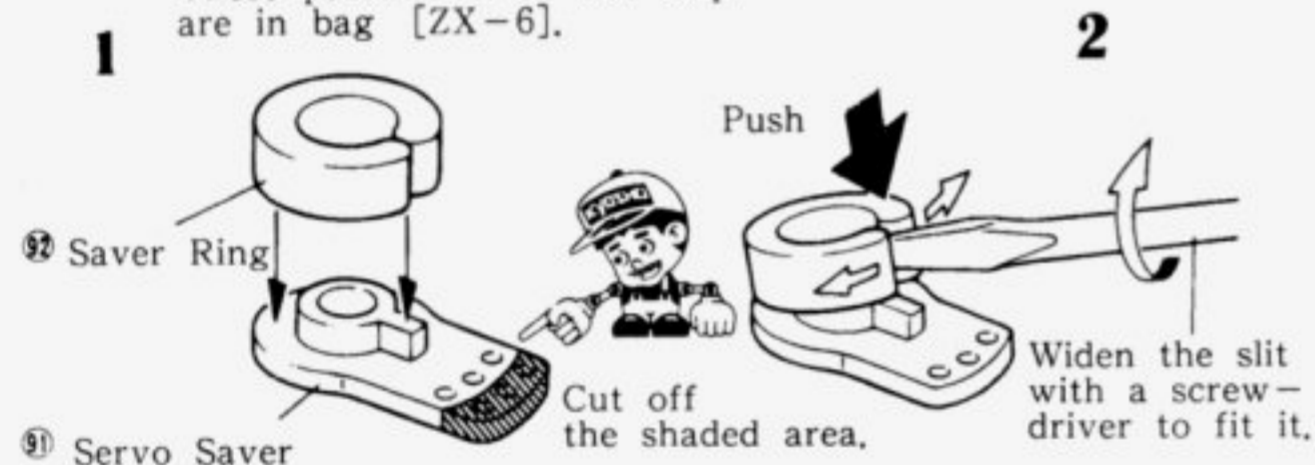
A two channel radio is composed of things like a transmitter, receiver and servos.

- * Transmitter... It is control box which manipulates by stick movements. Signal waves are transmitted through on antenna.
- * Receiver... Receives the signals from the transmitter and send them to the servos.
- * Servo... They move the control mechanism of a model car in accordance with the signals from the receiver.
- * Antenna... An antenna on the transmitter sends signals, and one on the receiver accepts them. They should be fully extended.
- * Trim Lever... They will adjust the neutral position of servos, thus regulate the steering and advancing controls finely.
- * Battery ... Meter You can tell the amount of electricity in a battery and how the signals are emitted
- * Servo ... Horn They are intermediate devices on the servos to activate the controls. There are several types in shape, they should be selected depending upon your usage.

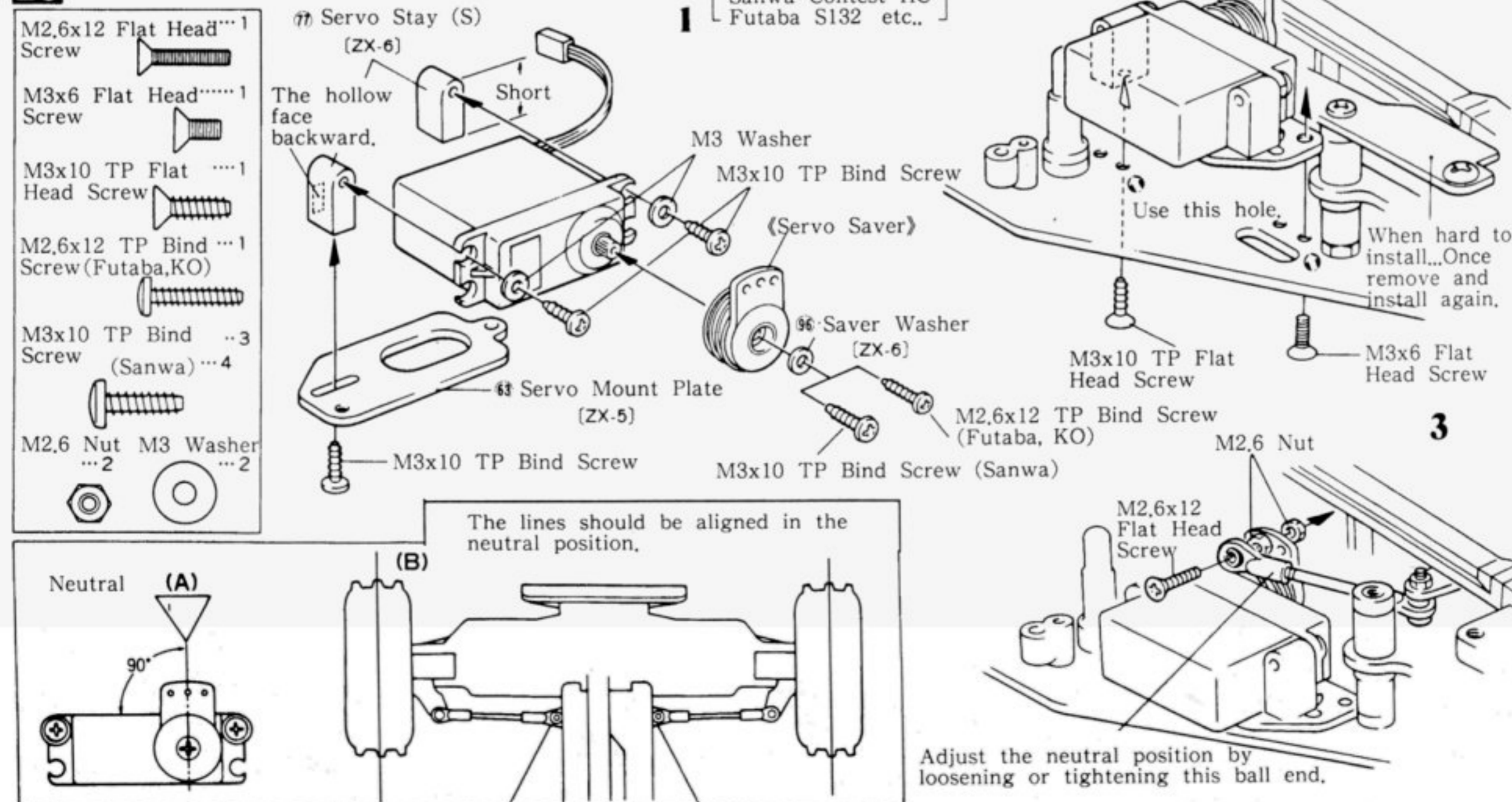
- When switch on the radio... Get the switches in order from transmitter to receiver.
- When switch off the radio... In order from receiver to transmitter.

27 ASSEMBLY OF SERVO SAVER

These parts used in this step are in bag [ZX-6].



28 STEERING LINKAGE (NORMAL SERVO)Sanwa, Futaba, KO (Normal servo)

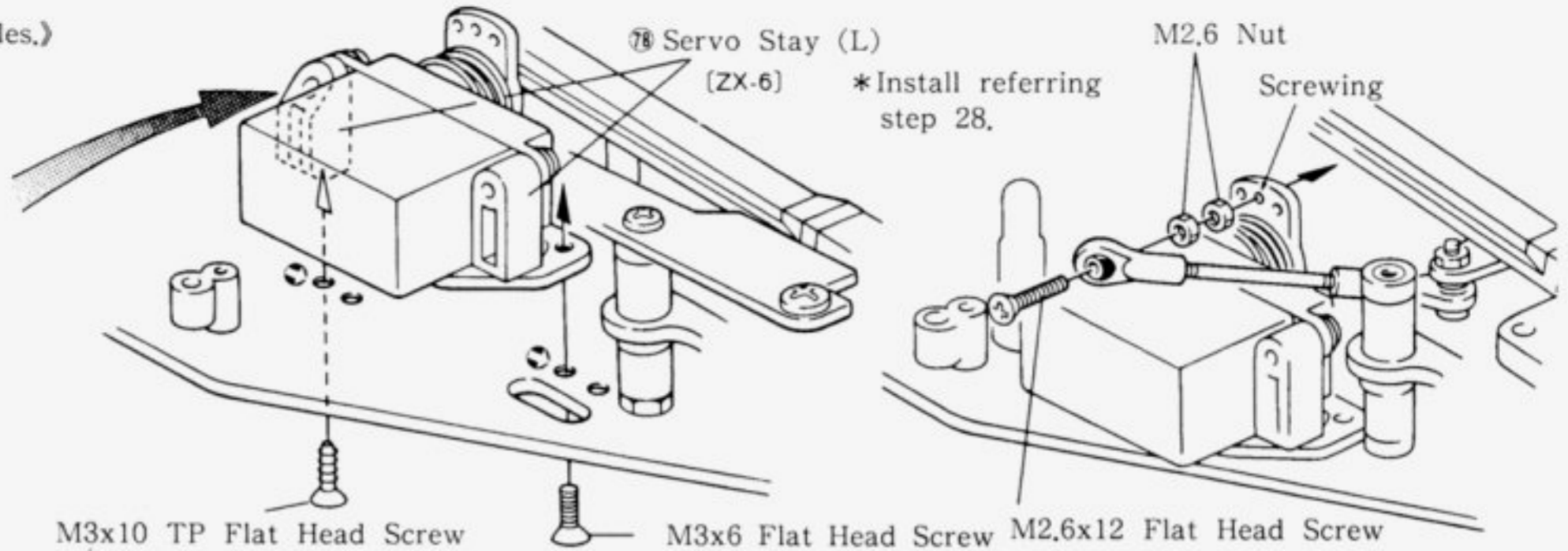
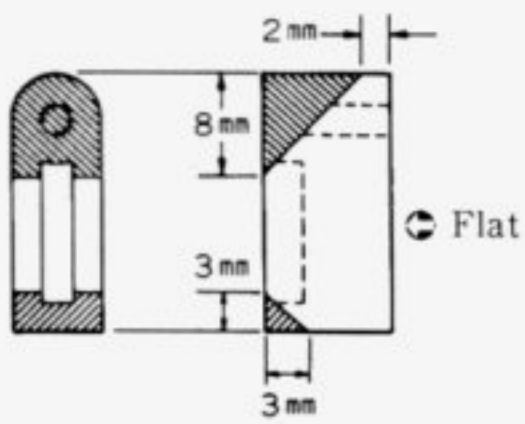


29 STEERING SERVO LINKAGE (LARGE SERVO)KO FET Servo PS-87, Futaba S-131H etc.

*Install the servo to the front holes.
When the servo hit the body install the rear holes
as shown below.

《When install to the rear holes.》

Cut off the shaded area
of this servo stay.

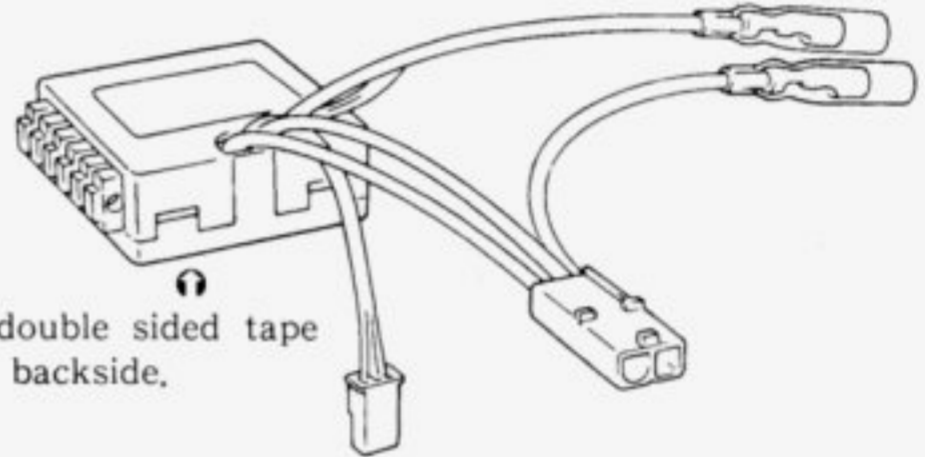


30 INSTALLATION OF SPEED CONTROL AMP.



Clean oil, fingerprints, etc., from case.

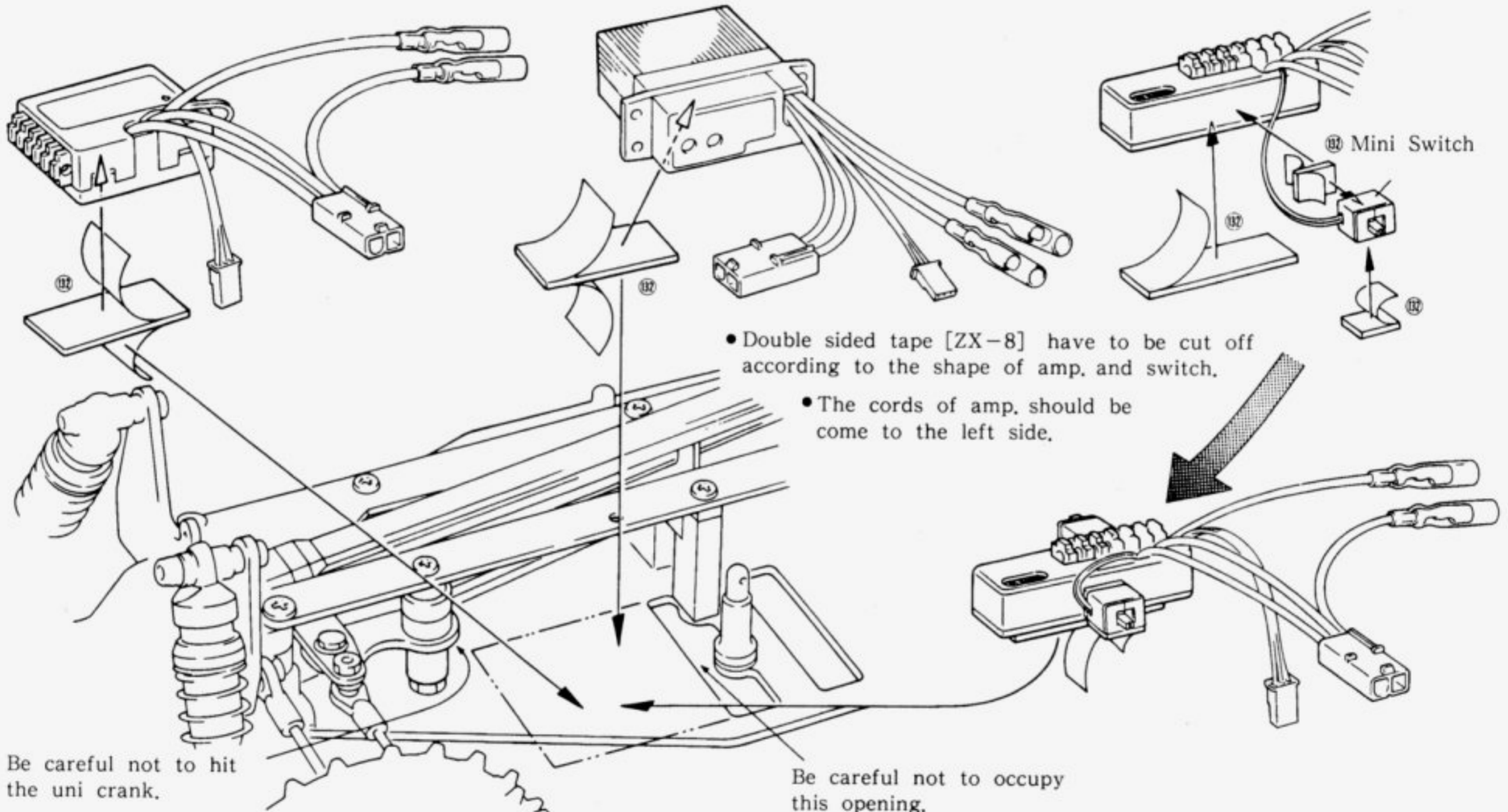
Apply double sided tape
on the backside.



《Small Type》

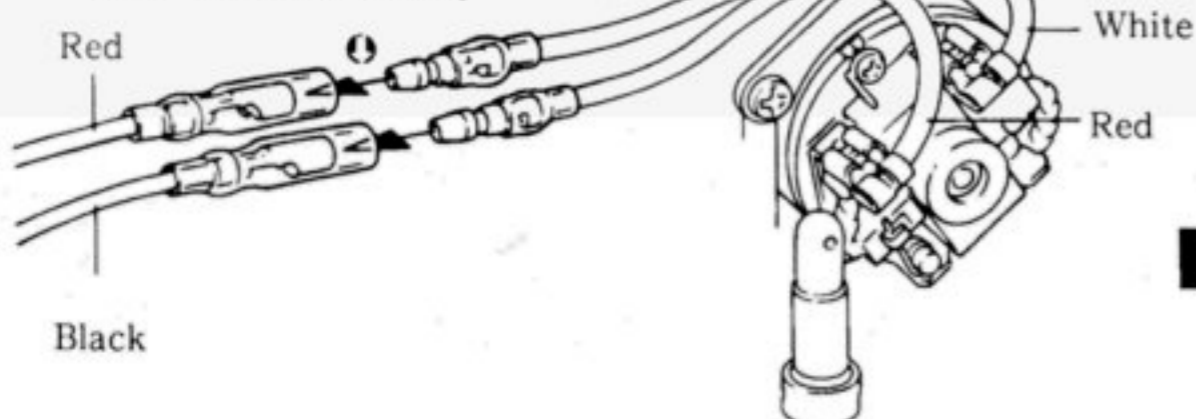
《Servo Type》

《Oblong Type》



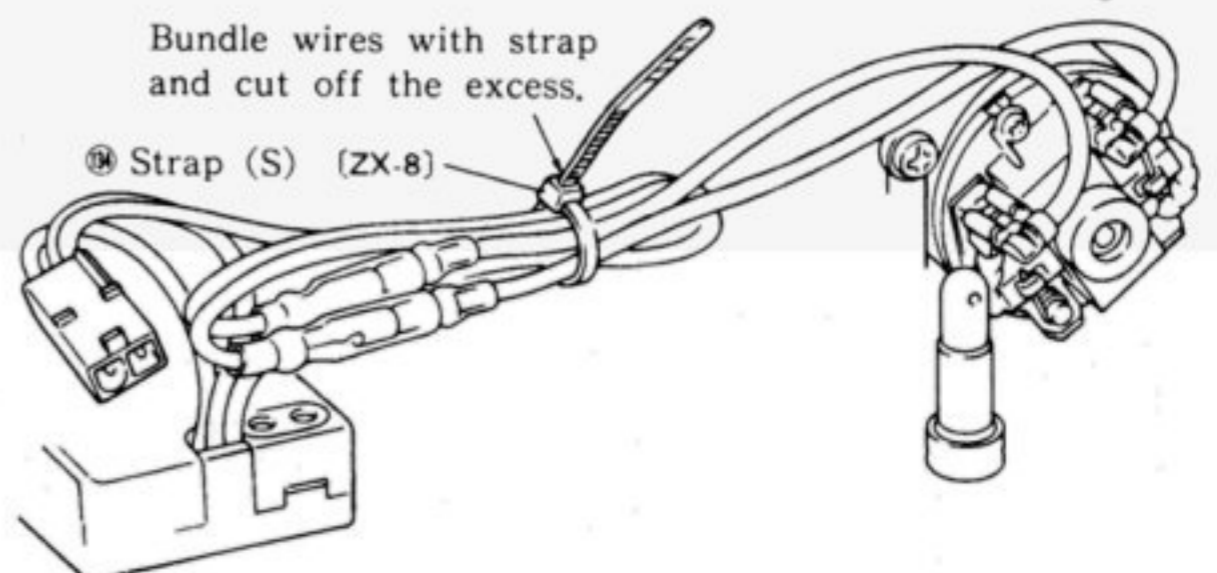
《Connect the motor connector》

Connect the lead red to red,
and white to black.

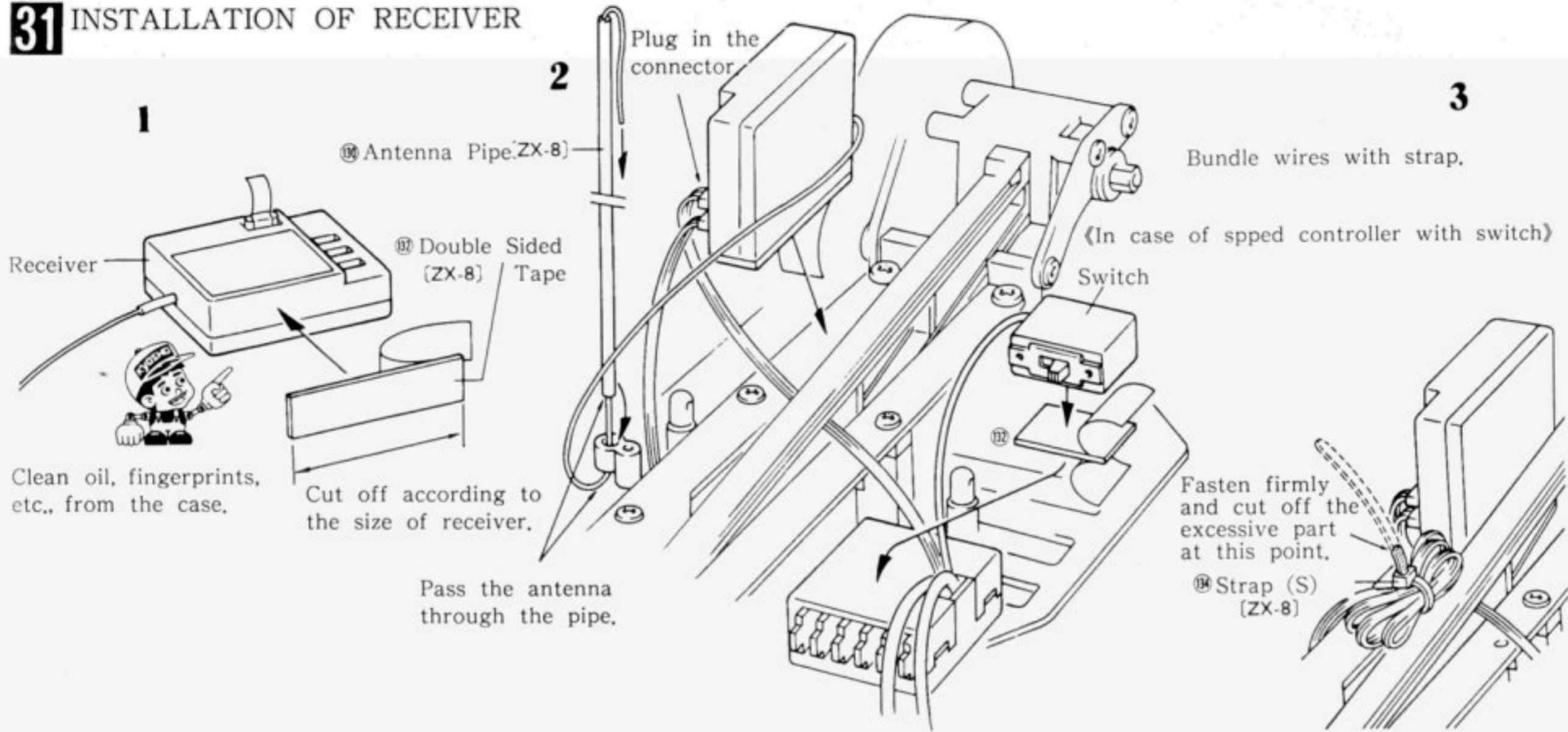


Bundle wires with strap
and cut off the excess.

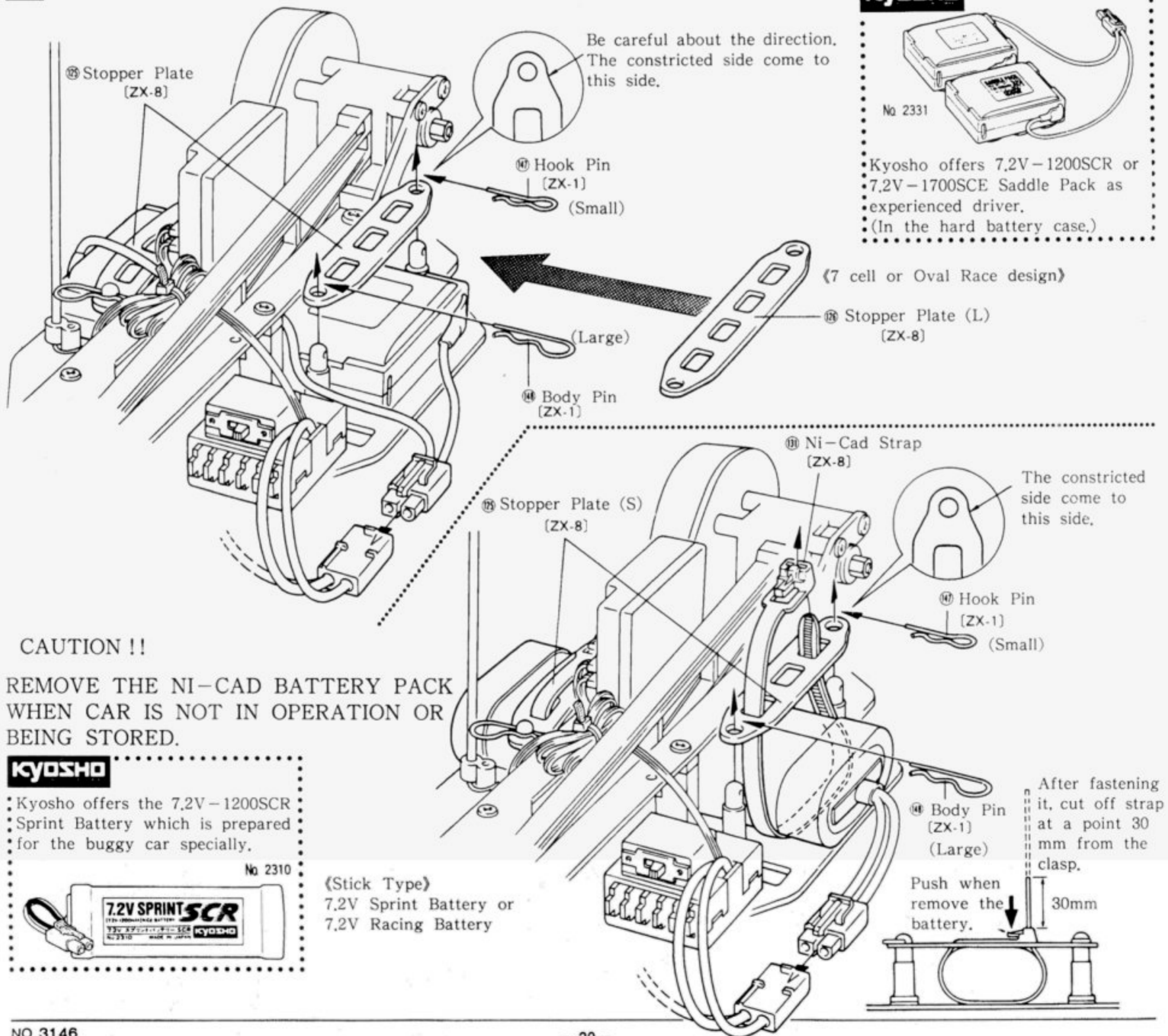
Ⓢ Strap (S) [ZX-8]



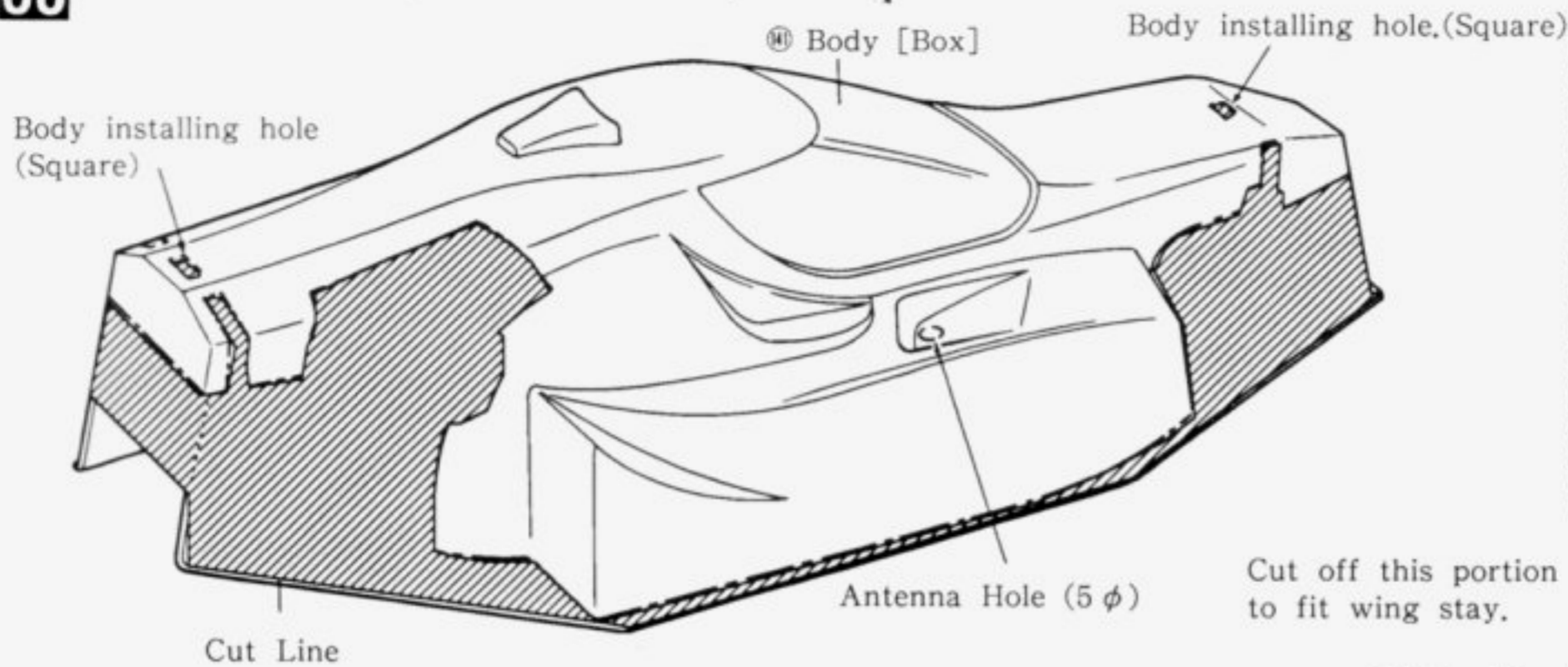
31 INSTALLATION OF RECEIVER



32 INSTALLATION OF BATTERY •Separate type (6 cell) 7.2V-1200SCR Saddle Pack or 7.2V-1700SCE Saddle Pack



33 CUTTING BODY, UNDER COWL, AND WING



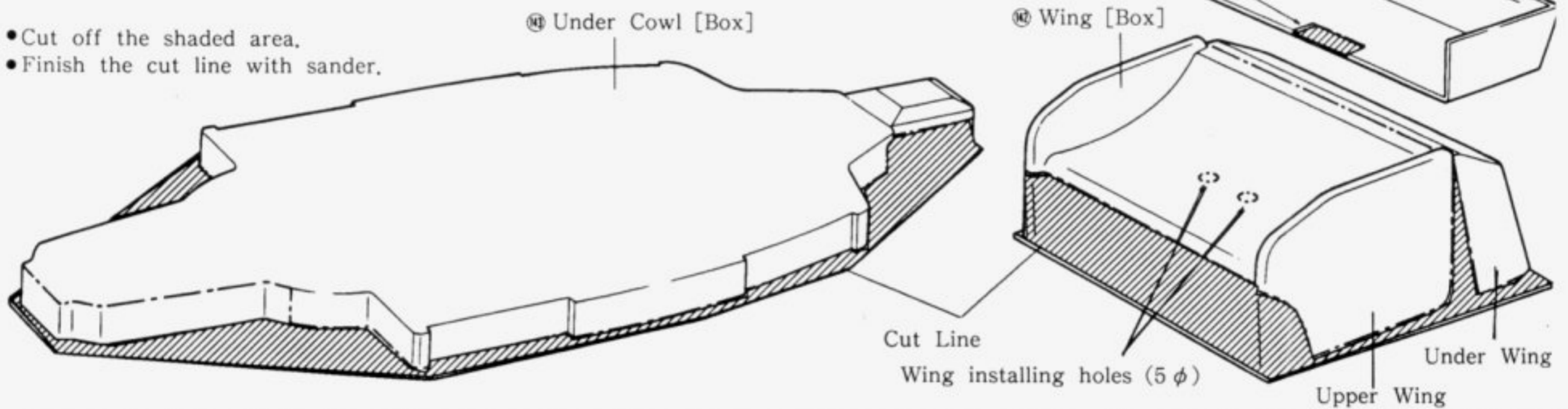
KYOSHO No.1829

These special Lexan Scissors make trimming bodies a breeze and the sander comes in handy for finishing the rough edges.

Round Cutter

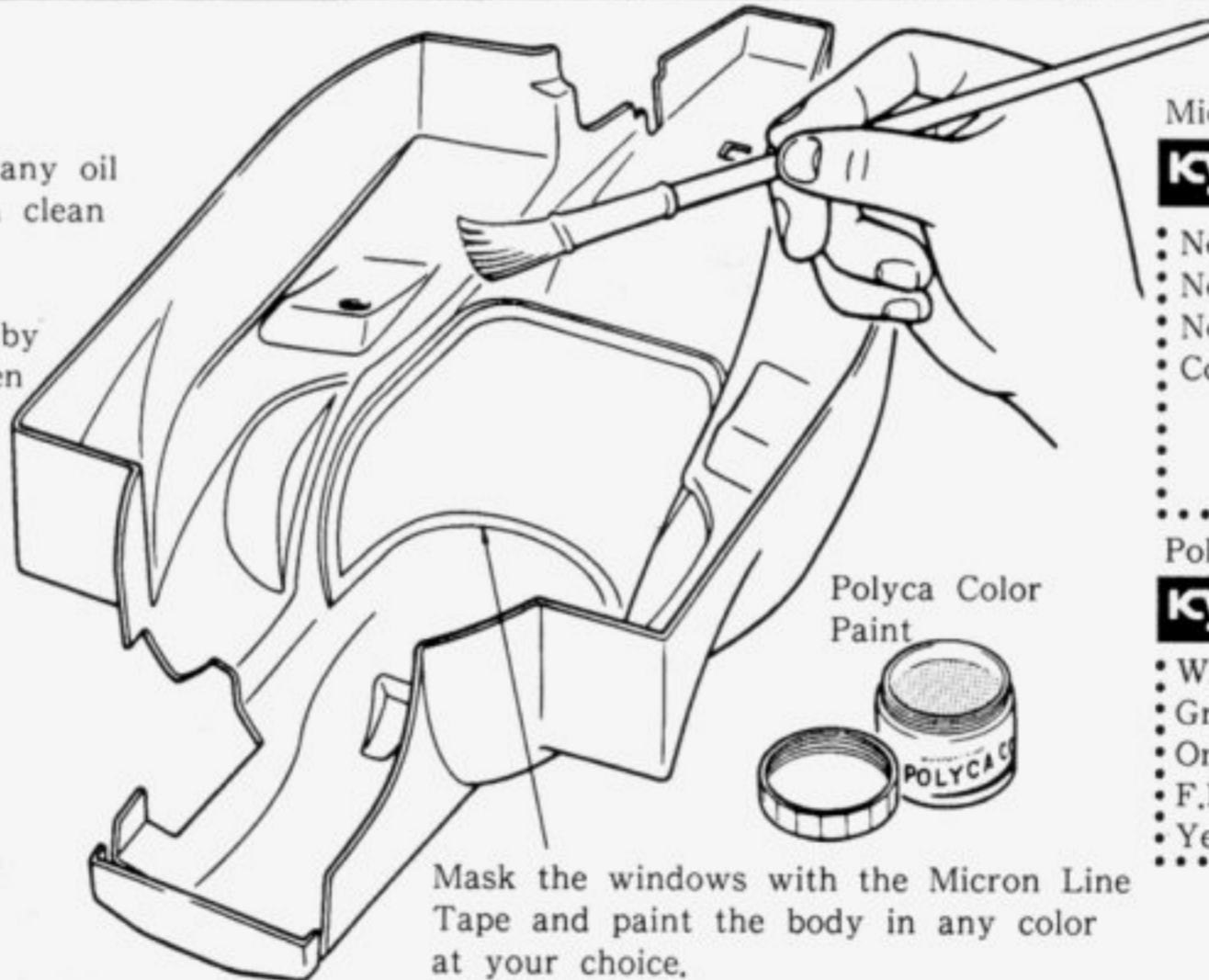
Sander

- Cut off the shaded area.
- Finish the cut line with sander.



34 PAINTING

First wash the body to remove any oil or dirt and rinse thoroughly with clean water.
 Paint the inside of body.
 You can obtain a color scheme by masking a portion with tape then removing the tape and painting.
 Apply the lightest color last.



Micron Line Tape

KYOSHO

- No.1842...1mm
- No.1842...1.5mm
- No.1843...2.5mm
- Color : White, Red, Yellow, Green, Blue and Black

Polyca Color Paint 2230

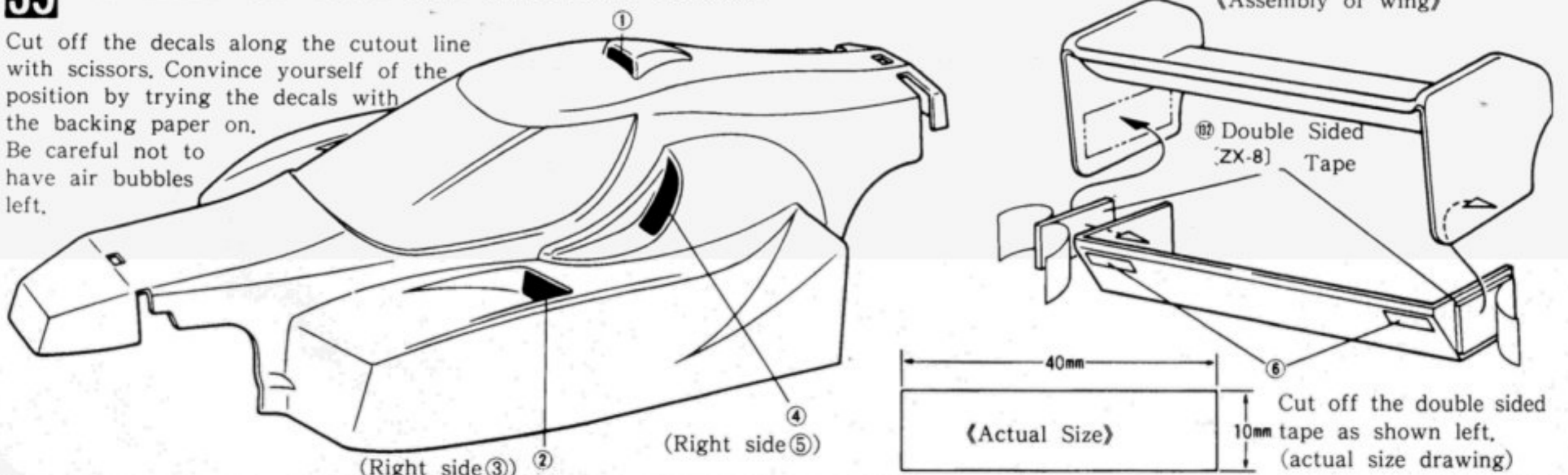
KYOSHO

- White, Red, Yellow, Green, Blue, Skyblue, Orange, Black, Violet, F.Pink, F.Orange, and Yellow Green

Mask the windows with the Micron Line Tape and paint the body in any color at your choice.

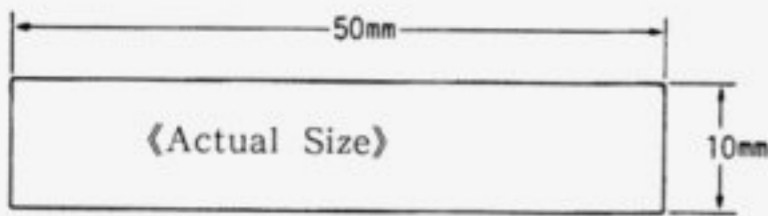
35 ASSEMBLY OF WING AND APPLYING DECAL

Cut off the decals along the cutout line with scissors. Convince yourself of the position by trying the decals with the backing paper on. Be careful not to have air bubbles left.

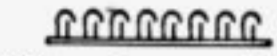


36 APPLYING VELCRO

1 Cut off 4 pcs. of velcro according to the actual size drawing.



⑩ Velcro [ZX-8]...1



The piece with coarser mesh (For Body)

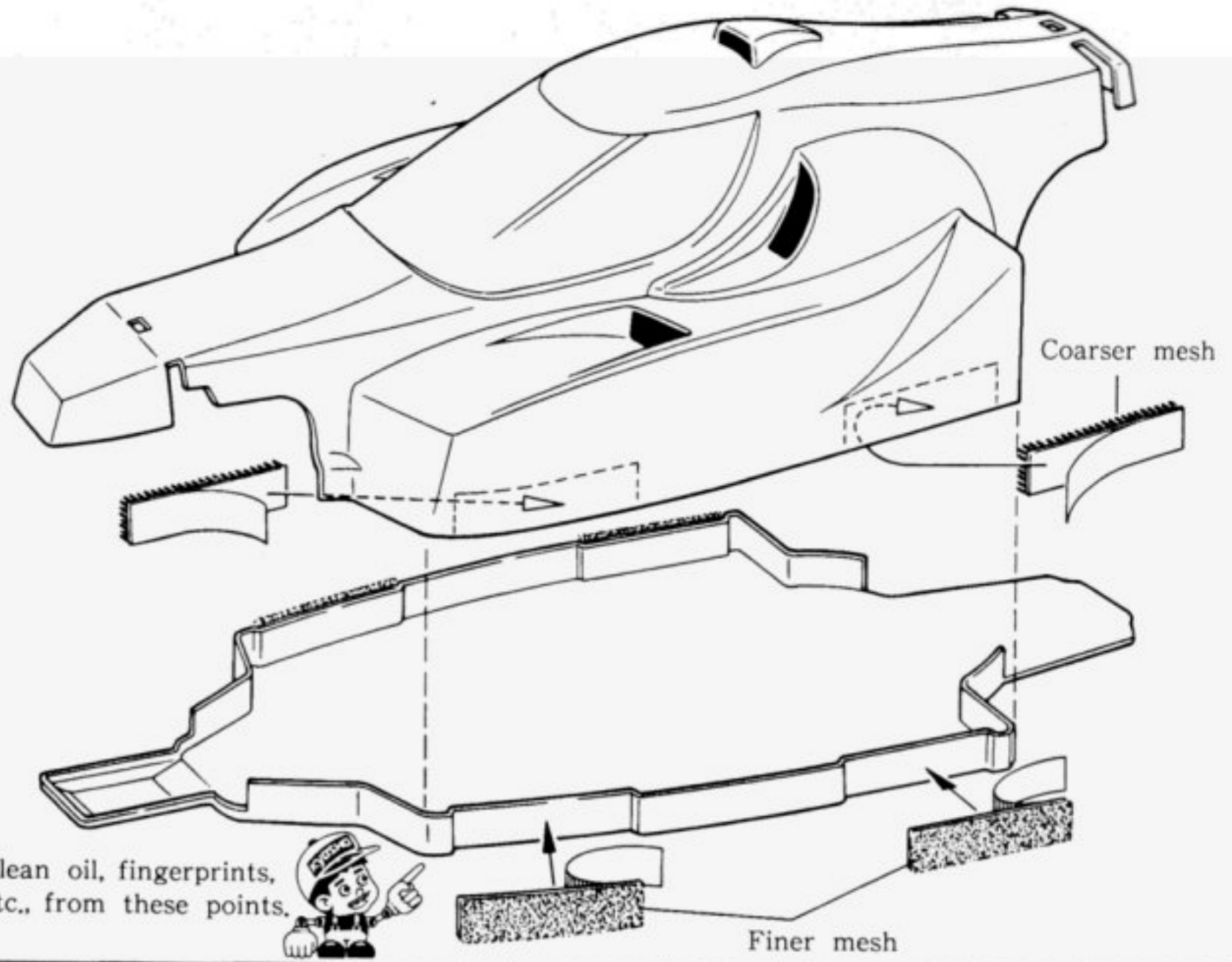


The piece with finer mesh (for Under Cowl)

2 First apply 4 pcs. with finer mesh to the under cowl.

3 Apply 4 pcs. with coarser mesh to the body.

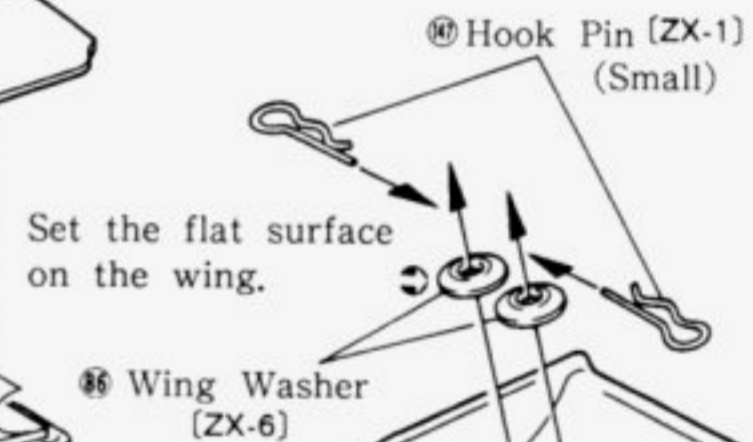
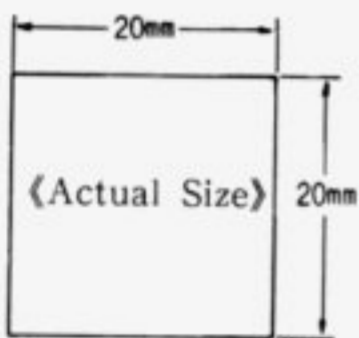
Clean oil, fingerprints, etc., from these points.



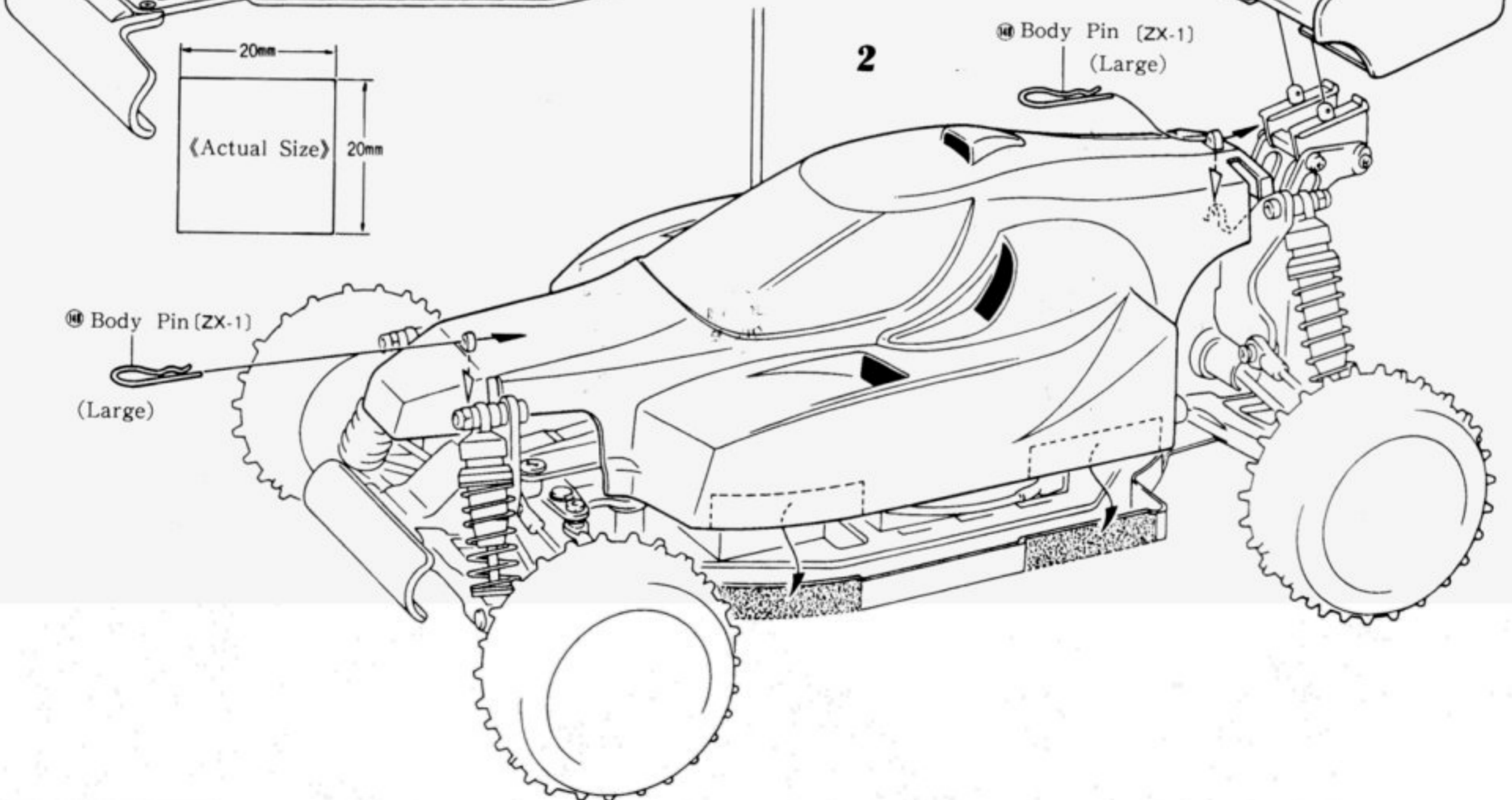
37 INSTALLATION OF UNDER COWL, BODY, WING

1 Cut off 4 pcs. of double sided tape according to the actual size drawing.

⑩ Double Sided [ZX-8] Tape

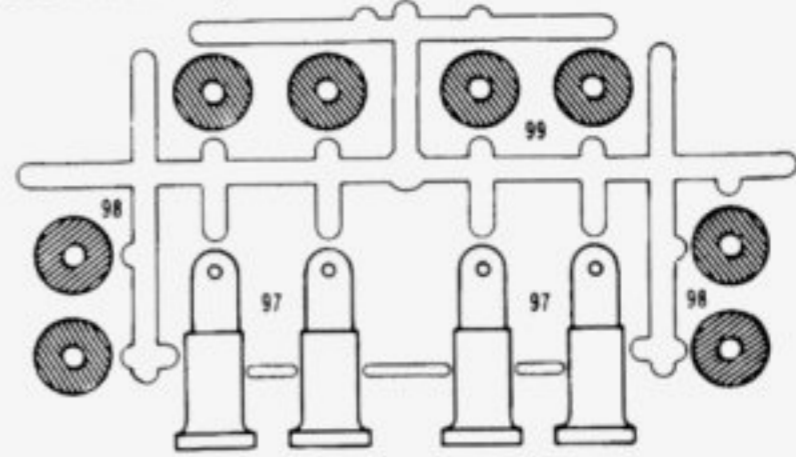
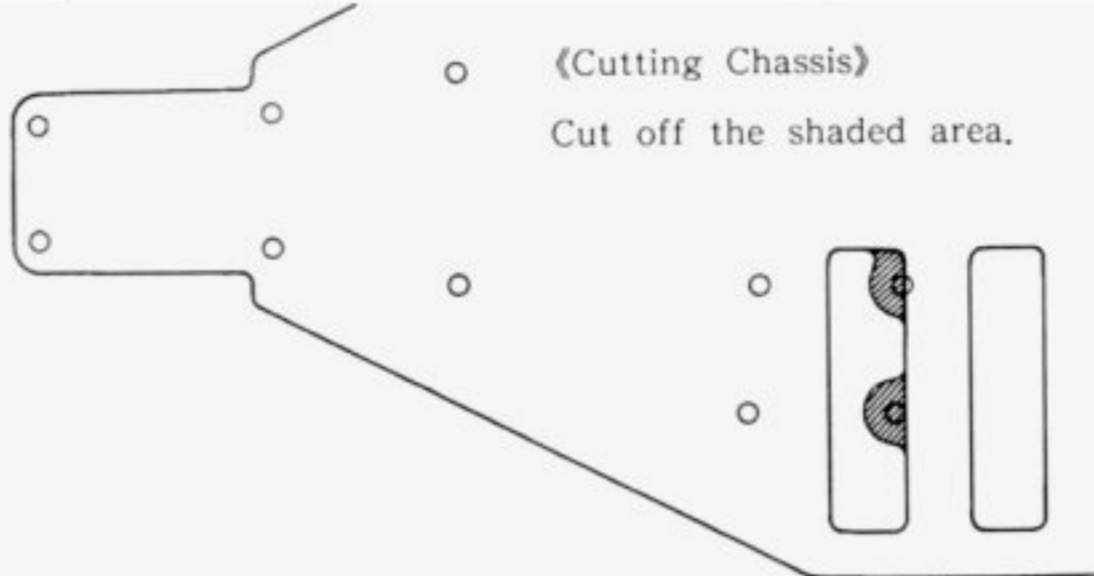


2 Body Pin [ZX-1] (Large)

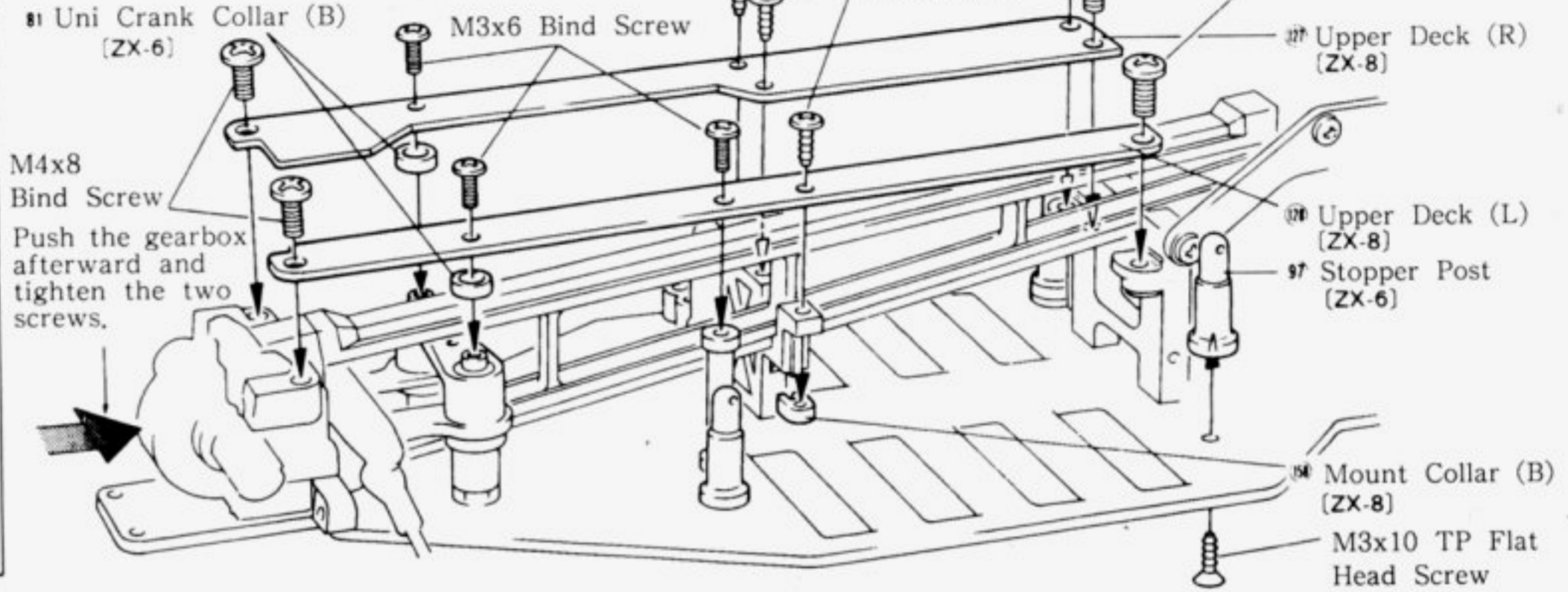


《7 CELL, OVAL RACE DESIGN》 INSTALLATION OF UPPER DECK AND BATTERY HOLDER

These shaded parts are not used.



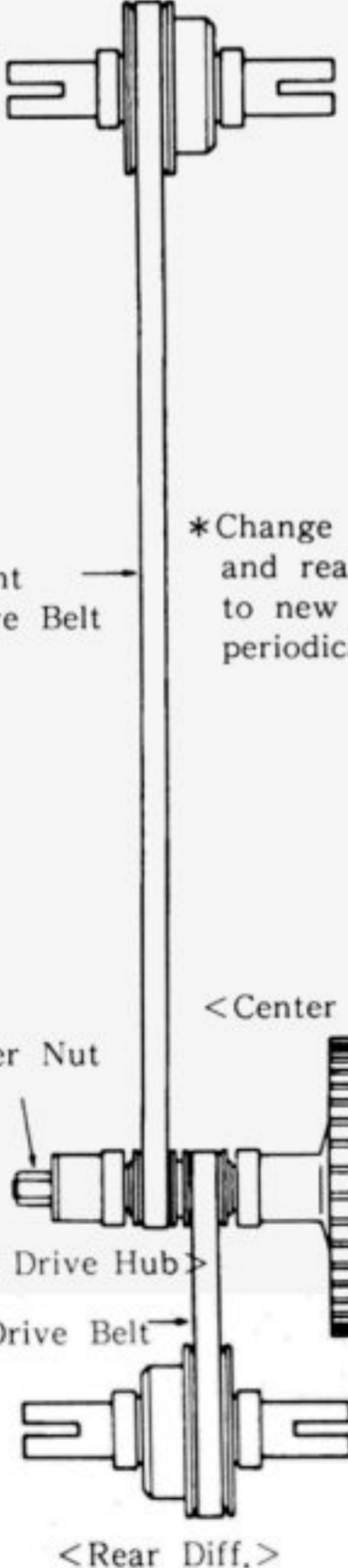
- M3x6 Bind Screw...3
- M4x8 Bind Screw...5
- M3x10 TP Bind Screw...3
- M3x10 TP Flat Head Screw...4
- Uni Crank Collar (B)...2



*First tighten these screws, M4x8 Bind Screw

GUIDE FOR SET UP (1) 《DRIVE UNIT》

<Front Diff.>



<Center Diff.>

Type 1 This type will control the rear torque by tighten or loosen the M3 Nylon nut.

Loosening Weak (Under Steering) ⇐ M3 Nylon Nut ⇐ Rear Drive Torque ⇐ Tightening Strong (Over Steering)

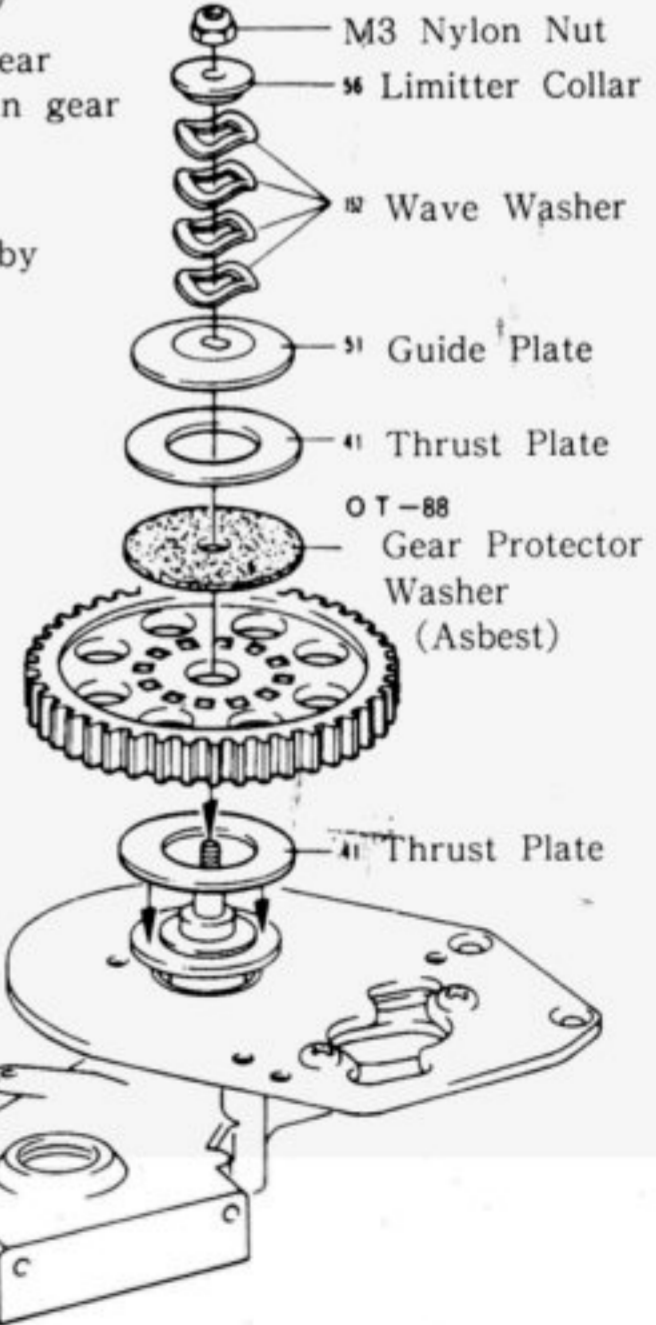
Type 2 If rear torque is needed more, then use OT-88 Gear protector washer. Put this washer between the main gear and thrust plate.

Type 3 This type will control the front torque by tighten or loosen the M3 Nylon nut, Rear is fully locked by one way bearing.

Loosening Weak (Over Steering) ⇐ M3 Nylon Nut ⇐ Front Drive Torque ⇐ Tightening Strong (Under Steering)

◎Select type 1~3 to fit to the condition of track surface.

Slippy Type 1 ⇐ Track Condition ⇐ High Grip TYPE2 ⇐ Type 3



*Change front and rear belt to new ones periodically.

<Front Drive Hub>

Steering response can be changed by tighten or loosen the limiter nut shown in figure on left.

Loosening Quick (High Grip Surface) ⇐ Limiter Nut ⇐ Steering Response ⇐ Tightening Slow (Slippy Surface)

<Option>

Possible to install ball differential for front and rear. Use Ball diff. pulley, Ball diff. flange in bag [ZX-2] with option parts WBD-1 Ball diff. shaft plate set and WBD-2 Ball diff. ball set together. Each combination set is required for front and rear installation.

《Adjustment of Diff. Gear》

This model's diff. is gear type, and adjustable by the oil amount and hardness of the oil.

To make hard...Use 1956 silicone oil (Super Hard) a little bit more than usual.

To make softer...Mix 10~20% of the silicone oil (H) with diff. oil.

《Steering Responce》

	Low Speed Corner	High Speed Corner
Front Diff.(Hard)	Neutral Steer	Under Steer
Rear Diff.(Hard)	Under Steer	Over Steer
Front, Rear (Soft)	Over Steer	Neutral Steer

*Take this chart just as general indication.

《Maintenance of Diff. Gear》

Check and clear the diff. gear frequently.
See page 25 "Maintenance Guide" that shows the necessary parts to take off and the steps for checking drive belt.

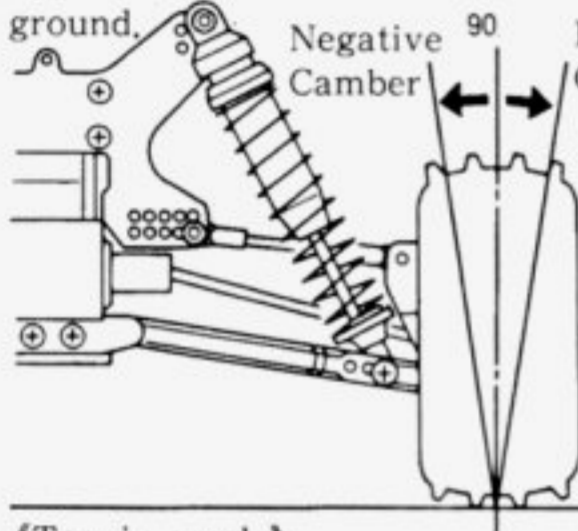
《Gear Ratio》

PinionGear	15	16	17	18	19	20	21	22	23	24	25
Gear Ratio	12.99	12.18	11.46	10.83	10.26	9.74	9.28	8.86	8.47	8.12	7.79
	Slow ←		Top Speed		→		Fast				
	Good ←		Acceleration		→		Not Good				
	Long ←		Running Time		→		Short				

GUIDE FOR SET UP (2)

《Basic Setting》

Place the model car on a flat surface, and keep the car with the maximum body clearance, and adjust length of the front and rear upper rods so that the wheels stand at a right angle to the ground.



By adjusting the upper rod shorter...

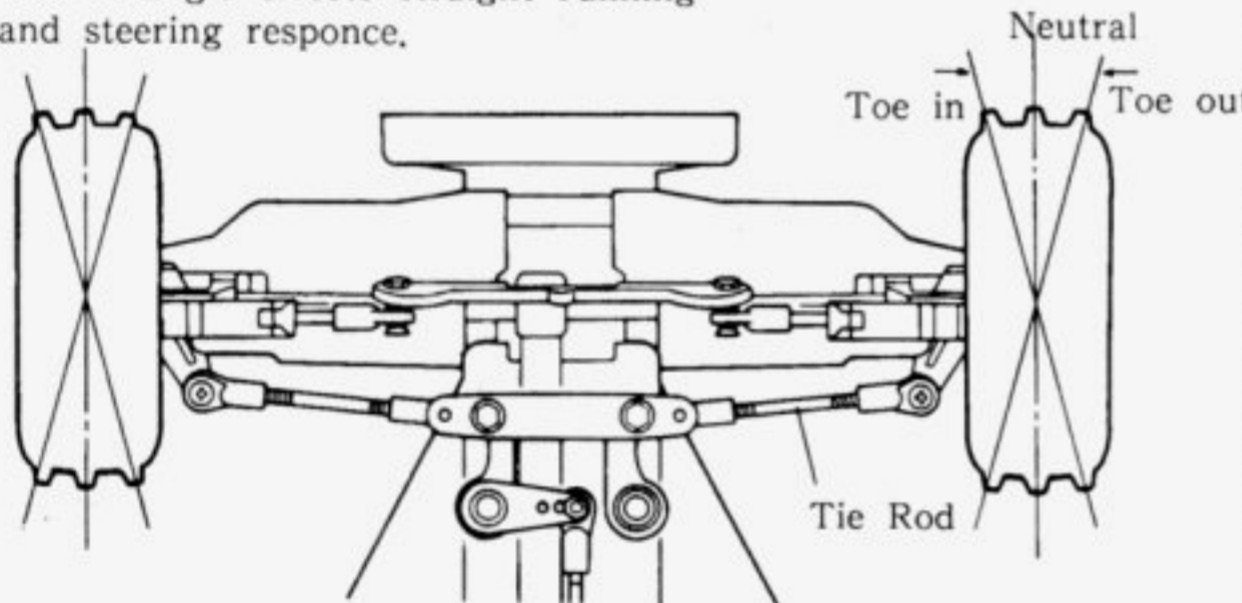
You will have a trait of negative camber, and the gripping power becomes bigger.

By adjusting the upper rod longer...

You will have a trait of positive camber, and the gripping power becomes down.

《Toe in angle》

Toe in angle effects straight running and steering responce.

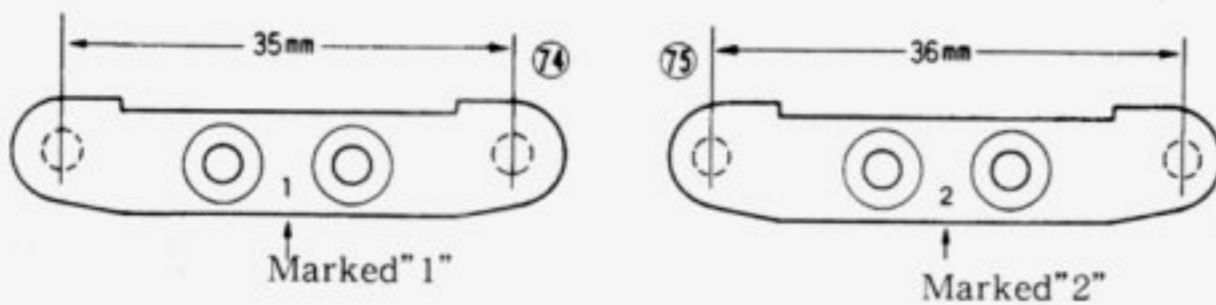


Make the length of tie rod longer... Becomes toe in. Slower steering responce.
Make the length of tie rod shorter... Becomes toe out. Quick steering responce.

*Basic setting...Make a little toe in.

《Adjustment of Rear Toe In》

Toe in angle is adjustable by changing the part No.74 (printed no.1 on the part) and No.75 (printed no.2 on the part). In this manual part No.74 is used. For more toe in angle use part No.75.



《Adjustment of Shock Oil and Spring》

Front	With lighter shock oil With less spring tension	→ Quick steering responce
Front	With heavier shock oil With more spring tension	→ Slow steering responce
Rear	With lighter shock oil With less spring tension	→ More traction
Rear	With heavier shock oil With more spring tension	→ Less traction

《Adjustment of Hardness of Shock Action》

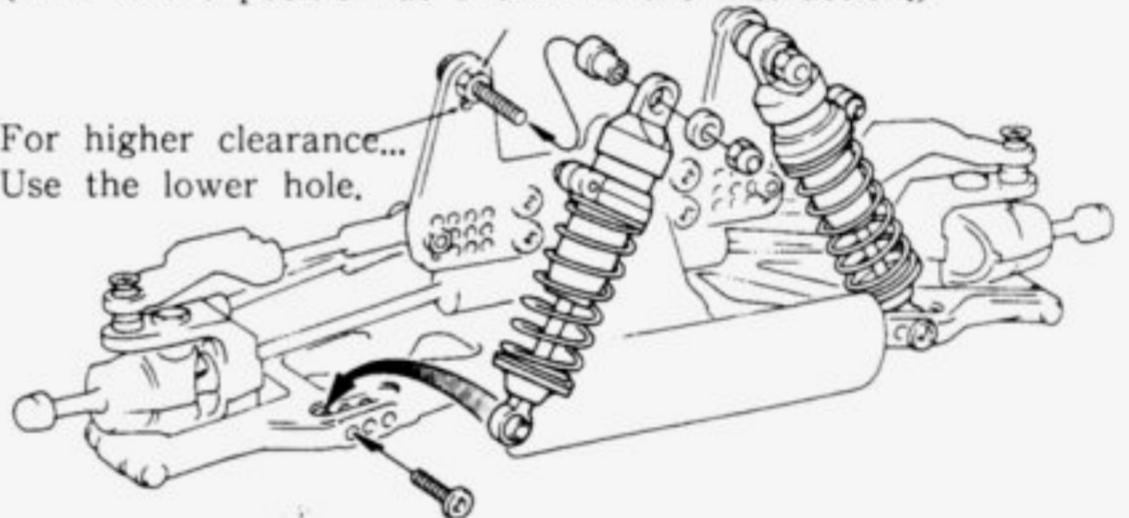
*Take this chart just as general indication.

NO.1951 Oil Set	Yellow	Green	Yellow	Red	Green	Red
Piston						
Hardness	← Harder			Softer →		

《Adjustment of Car Clearance》 Adjust it with the binding screws.

1) Adjustment of front clearance

- Installing position for lower clearance. (This is the position as shown in the instruction.)



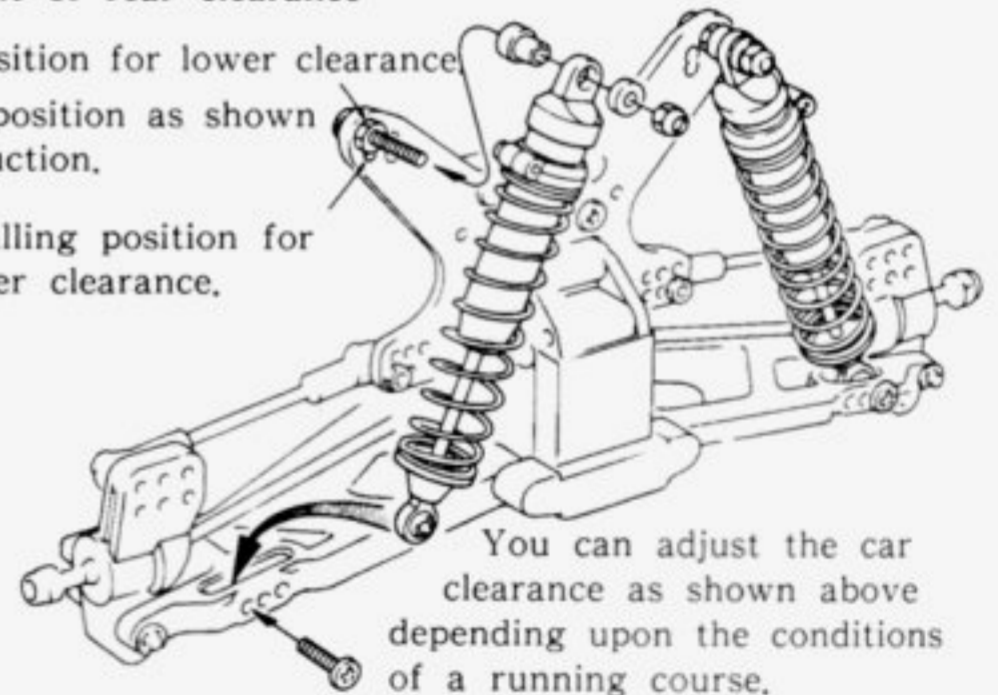
- For higher clearance... Use the lower hole.

2) Adjustment of rear clearance

- Installing position for lower clearance

This is the position as shown in the instruction.

- Installing position for higher clearance.

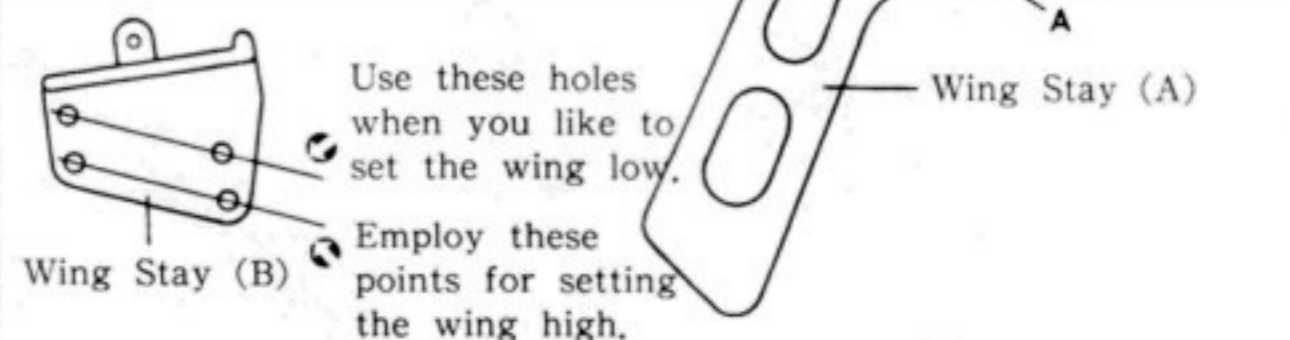


You can adjust the car clearance as shown above depending upon the conditions of a running course.

Generally speaking, low clearance for turf or anywhere that gives you a good traction, a high clearance for a poor traction.

《Adjustment of Wing Stay》

When assembling the wing stay (B) to the wing stay (A), fastening the part to the position A will place the wing stay (B) to A', B to B' and C to C'; that is the installation angle becomes bigger in order, A → B → C.

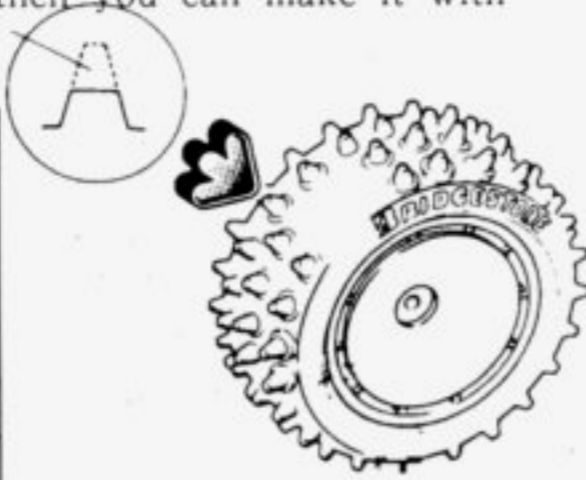


《Modification of Tire》

By changing the shape of the knobs on the tire, you can improve the running performance of the car.

*If your car displays the quick steering response, cut off the knobs by 1/2 to 1/3 then you can make it with milder response.

Type of Course Surface	Amount of Lowering Knob
Turf	Cut 1/2
Concrete	Cut 2/3
Sandy	No Cutting
Hard Dirt Track	Cut 1/3
Soft Dirt Track	No Cutting



If you change your tire to fit the condition of track surface, you can gain even wider setting range.

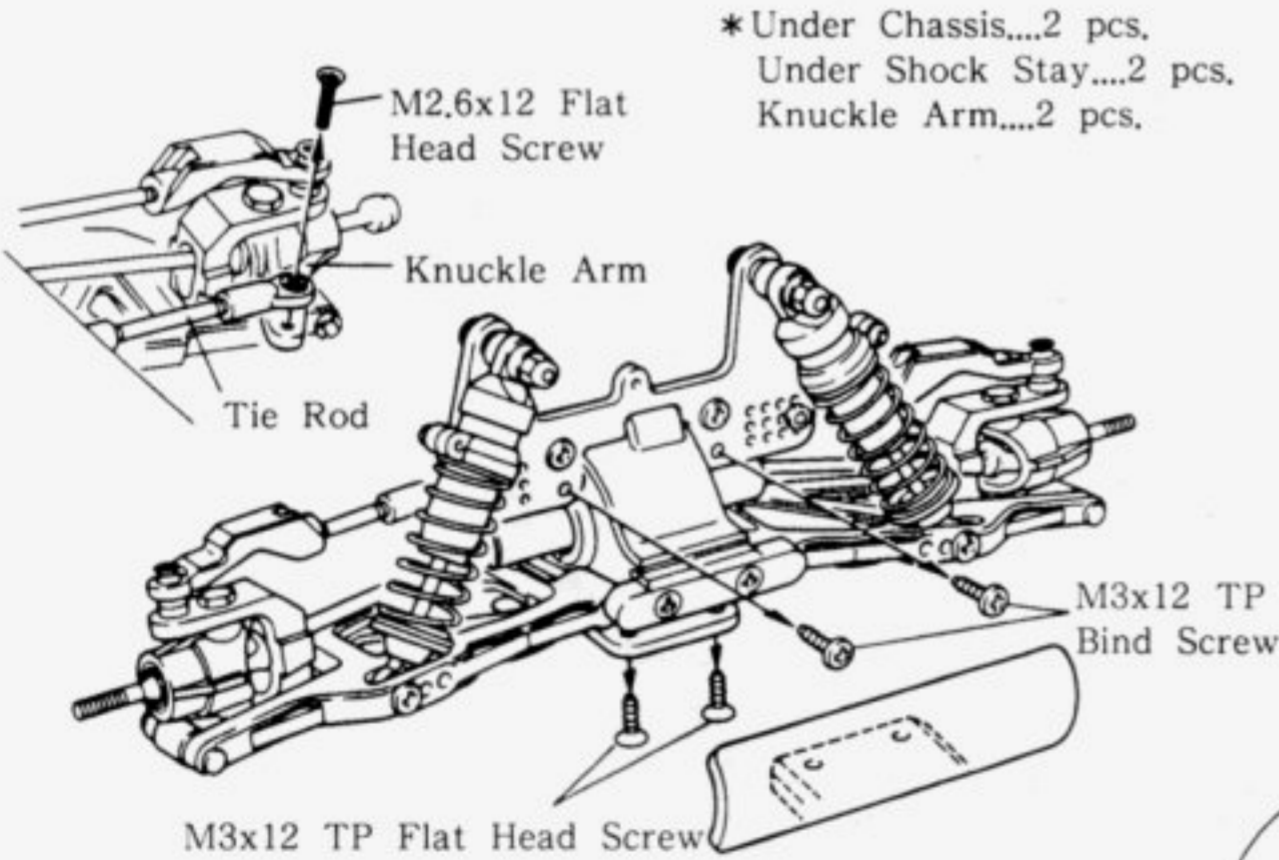
For example:
 Narrow Tire $\xrightarrow{\text{SS-M}}$ Hardness of Tire
 Track Condition $\xrightarrow{\text{H...MH...M...S...SS}}$ Hard \longleftrightarrow Soft $\xrightarrow{\text{H...M...S}}$ Hard \longleftrightarrow Soft

H	MH	M	S	SS
W5034 Narrow Tire W5031 Lowprofile Tire (Hard Dirt Track)				
W5076 Narrow Tire W5078 Lowprofile Tire (MH-M)				
		W5033 Narrow Tire OT66 Lowprofile Tire (Pin Type Spike)		
		W5032 Lowprofile Tire (Soft Dirt Track)		
				W5075 Narrow Tire W5077 Lowprofile Tire (SS-M)

MAINTENANCE GUIDE

《Disassembly of Front Portion》

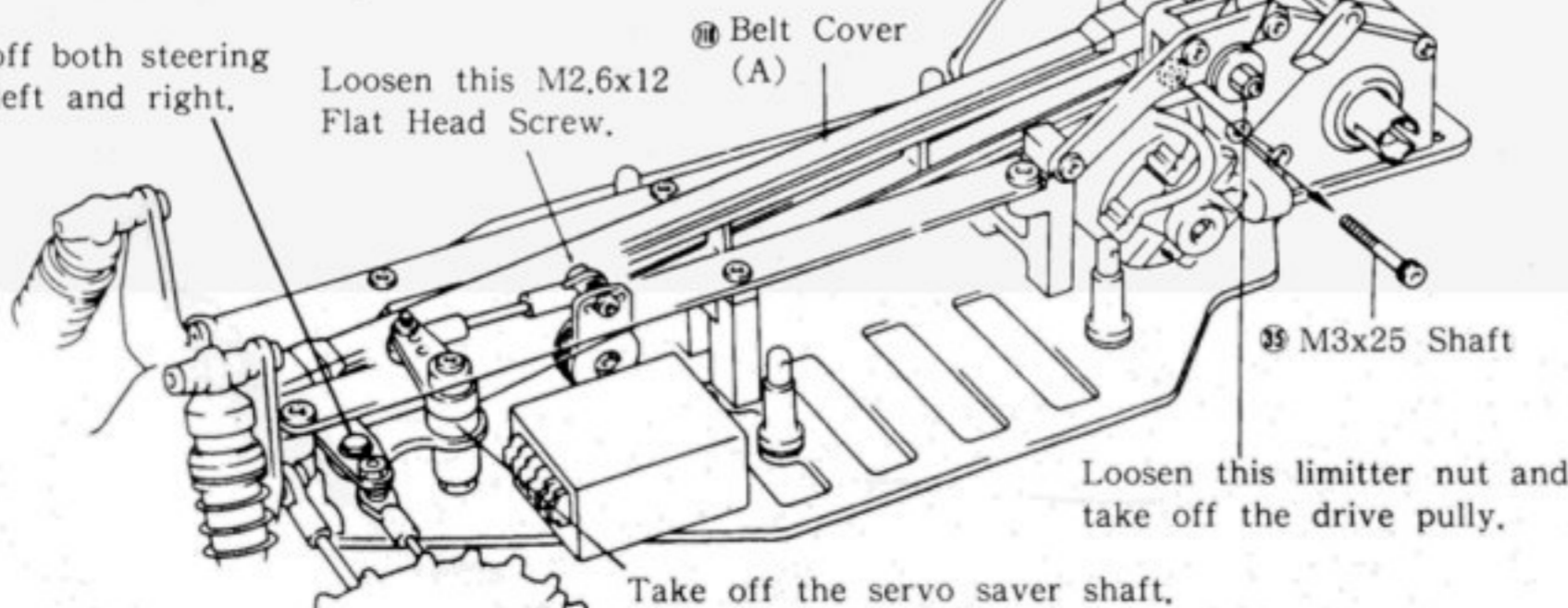
You can dismount the front portion by removing 6 pcs. of screws as shown in the drawing below.



《How to remove belt cover》

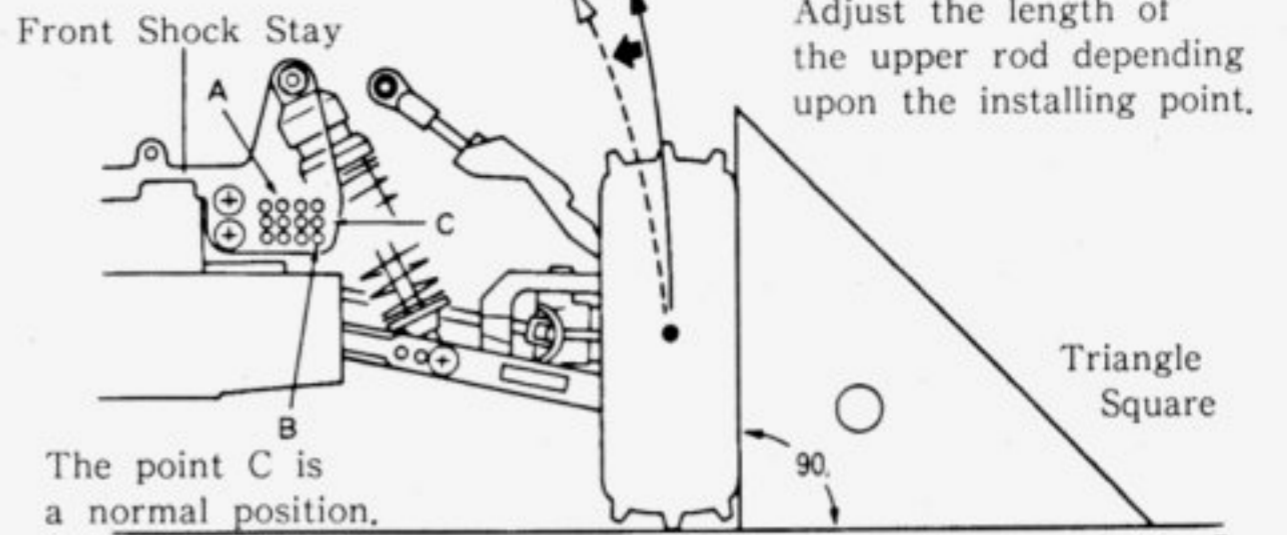
Take off both steering shaft left and right.

Loosen this M2.6x12 Flat Head Screw.



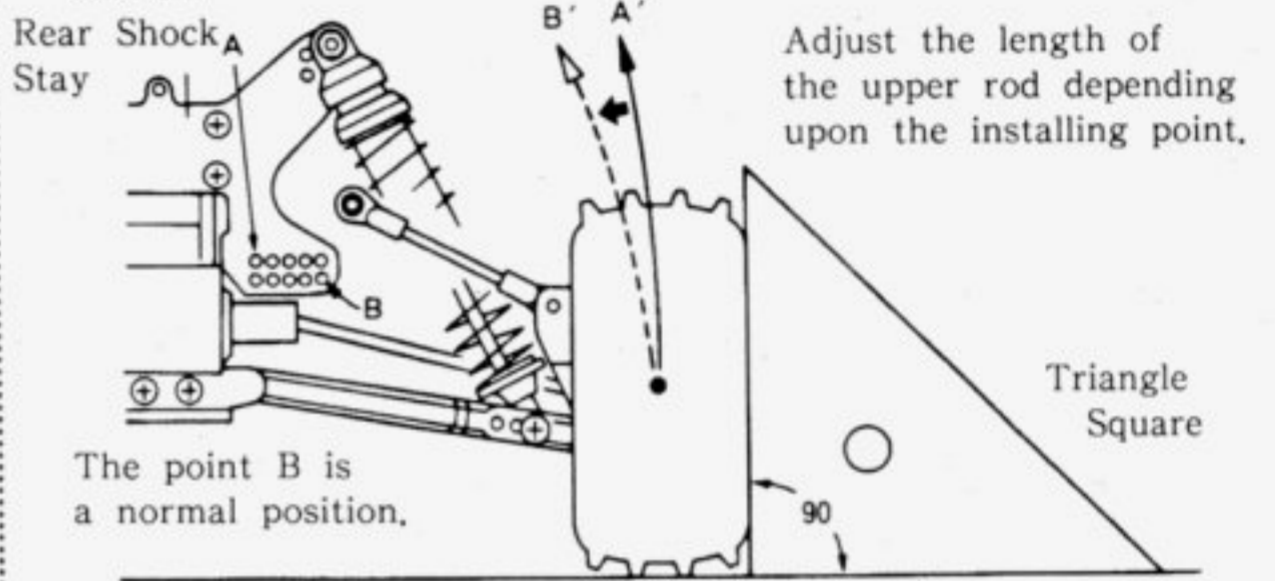
《Correlation between installing position of the front upper rod》 and camber angle.

The installing points A,B and C on the front shock stay for the upper rod correspond to A', B' and C' which are the maximum camber angle when the front sus,arms swing down to the lowest position.



《Correlation between installing position of the rear upper rod》 and camber angle.

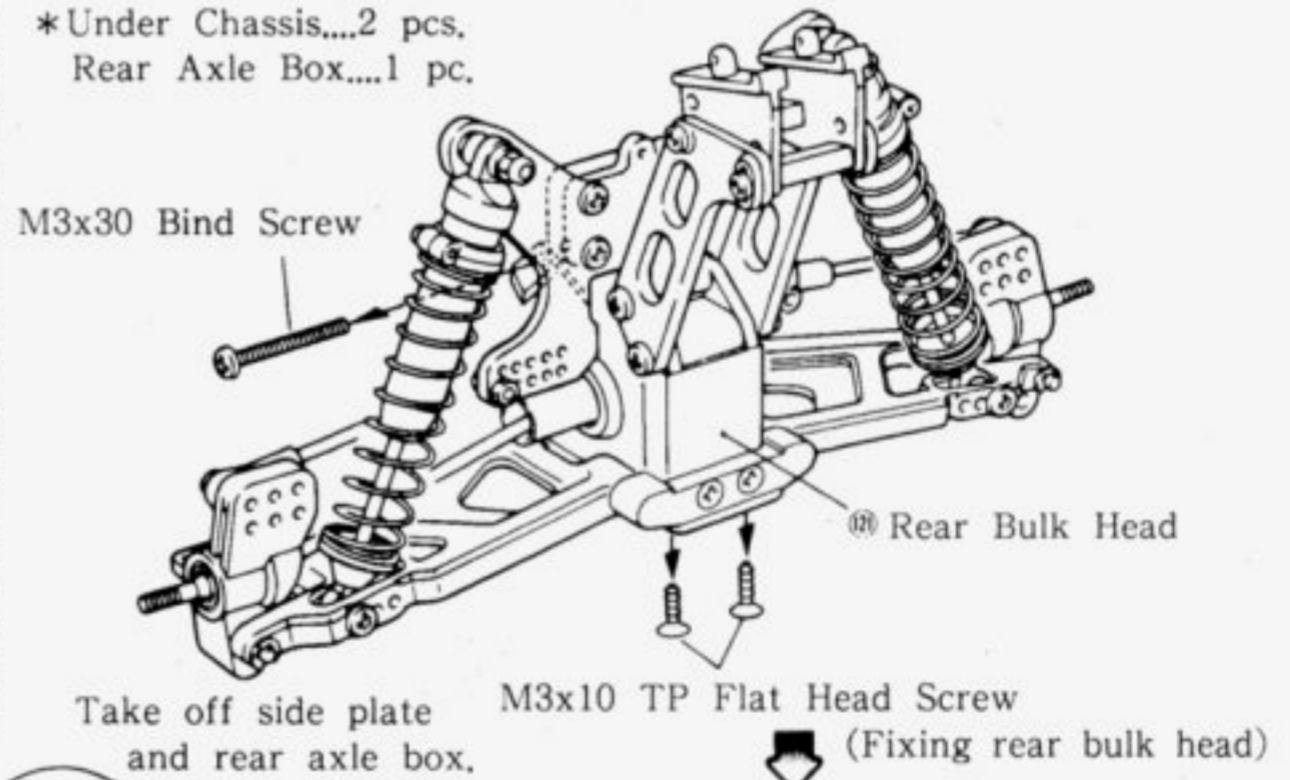
The installing points A,B and C on the rear shock stay for the upper rod correspond to A', B' and C' which are the maximum camber angle when the front sus,arms swing down to the lowest position.



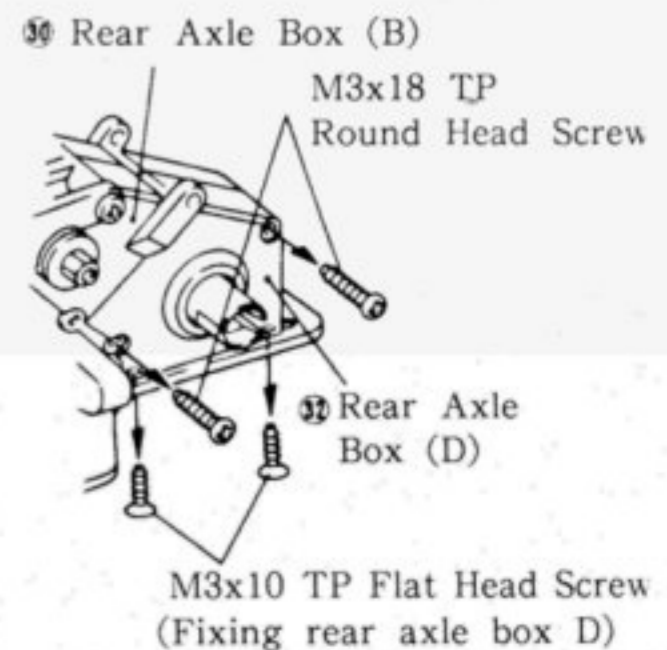
《Disassembly of Rear Portion》

You can dismount the rear portion by removing 3 pcs. of screws as shown in the drawing below.

*Under Chassis...2 pcs.
 Rear Axle Box...1 pc.



Also you can dismount the diff. gearl by loosen the four screws.



KEY NUMBERS OF PARTS

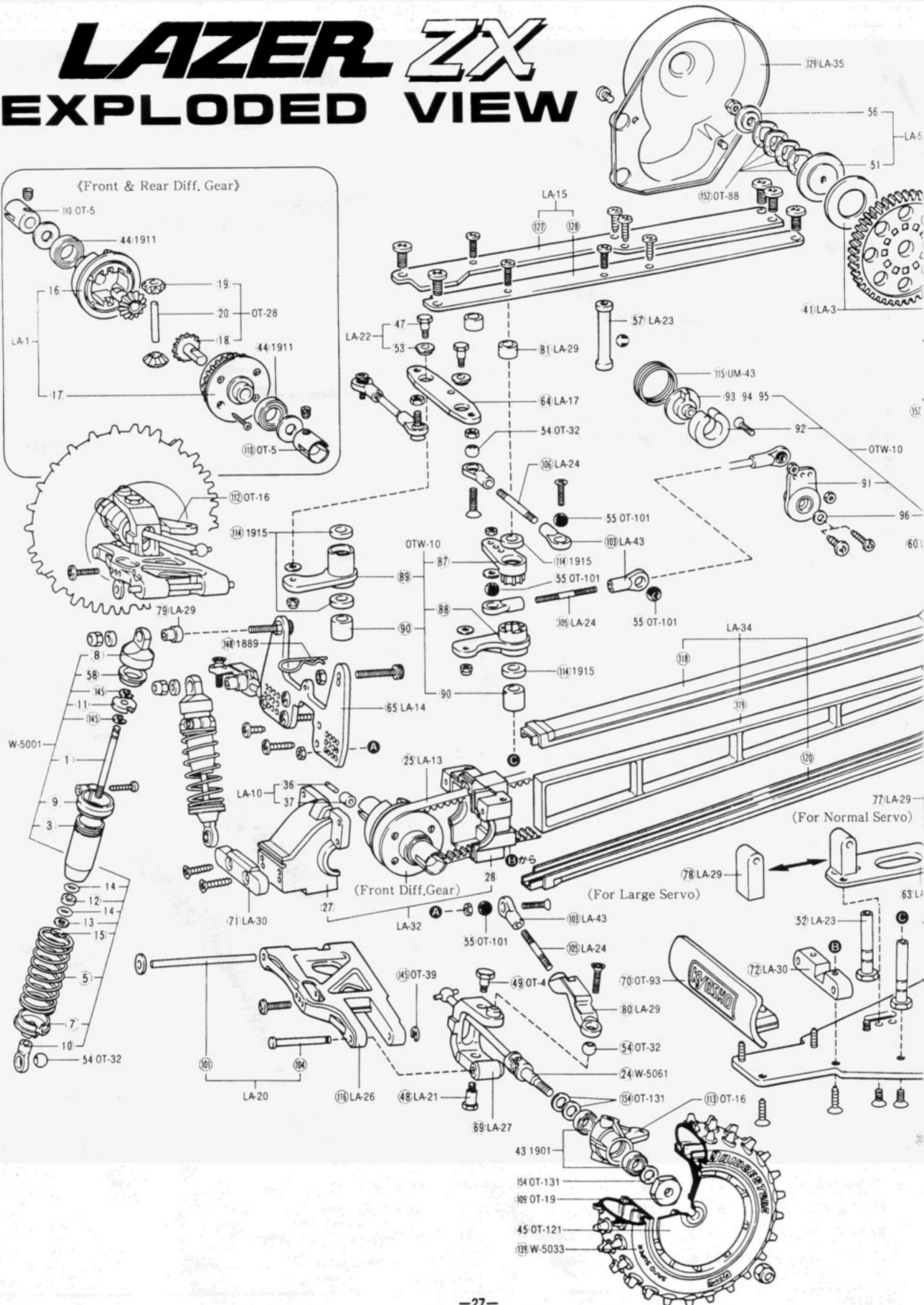
Key No.	Parts Name	Q'ty	Key No.	Parts Name	Q'ty	Key No.	Parts Name	Q'ty	Key No.	Parts Name	Q'ty	
● ①	Front Shock Shaft	...2	⑤⑩	Main Gear Shaft	.....1	⑨⑨	Stopper Washer (L)	...※1	④⑩	Body Pin	.....4
● ②	Rear Shock Shaft	...2	⑤①	Guide Plate	.....1	⑩⑥	Limiter Nut	.....1	④④	Allen Wrench (1.5)	.....1
● ③	Front Shock Case	....2	⑤②	Servo Saver Shaft	....2	⑩①	3 φ x50 Shaft	.....2	⑤④	Allen Wrench (2)	.....1
● ④	Rear Shock Case	....2	⑤③	3 φ x6 Flange Plain Bearing	..2	⑩②	3 φ x55 Shaft	.....2	⑤⑤	Allen Wrench (2.5)	.....1
● ⑤	Front Shock Spring	...2	⑤④	5.8 φ Ball (Silver)	.....10	⑩③	5.8 φ Ball End	.....12	⑤⑥	Wave Washer	.....4
● ⑥	Rear Shock Spring	...2	⑤⑤	5.8 φ Ball (Black)	.....8	⑩④	Hub Pin	.....4	⑤⑦	4 φ x6.5 Shim	.....1
● ⑦	Spring Holder	.....4	⑤⑥	Limiter Collar	.....2	⑩⑤	Rod (L30)	.....3	⑤⑧	5 φ x8.5 Shim	.....6
● ⑧	Shock Cap	.....4	⑤⑦	Upper Deck Post	.....1	⑩⑥	Rod (L40)	.....2	⑤⑨	8 φ x12 Shim	.....1
● ⑨	Spring Stopper	.....4	⑤⑧	Pressure Top	.....4	⑩⑦	Rod (L51)	.....2	⑤⑩	Shock Collar (S) Red	...※4
● ⑩	Shock End	.....4	⑤⑨	4 φ x8 Collar	.....1	⑩⑧	Rear Wheel Shaft	.....2	⑤⑪	Pinion Gear (20T)	.....1
● ⑪	Shock Piston	.....4	⑥①	Motor Plate (L)	.....1	⑩⑨	Drive Washer	.....4	⑤⑫	Mount Collar (B)	.....1
● ⑫	Shock Collar (White)	....4	⑥②	Motor Plate (S)	.....1	⑪⑩	Joint	.....4	⑤⑬	Cross Wrench	.....1
● ⑬	Shock Collar (Black)	....4	⑥③	Side Plate (L)	.....1	⑪①	Swing Shaft	.....2			
● ⑭	O Ring (P3 Red)	.....8	⑥④	Servo Mount Plate	.....1	⑪②	Knuckle Arm (R)	.....1			
● ⑮	C Ring	.....4	⑥⑤	Steering Plate	.....1	⑪③	Knuckle Arm (L)	.....1			
◎ ⑯	Diff. Case	.....2	⑥⑥	Front Shock Stay	.....1	⑪④	5 φ x8 Plain Bearing	....4			M3x4 Round Head Screw ..4
◎ ⑰	Sprocket	.....2	⑥⑦	Rear Shock Stay	.....1	⑪⑤	Saver Spring	.....1			M3x6 Bind Screw ..5
◎ ⑱	Bevel Gear (A)	.....4	⑥⑧	Rear Hub (R)	.....1	⑪⑥	Front Sus. Arm	.....2			M3x12 Bind Screw ..4
◎ ⑲	Bevel Gear (B)	.....4	⑥⑨	Rear Hub (L)	.....1	⑪⑦	Rear Sus. Arm	.....2			M3x30 Bind Screw ..3
◎ ⑳	Bevel Shaft	.....2	⑦①	Front Hub	.....2	⑪⑧	Belt Cover (A)	.....1			M3x35 Bind Screw ..1
⑳	Main Gear	.....1	⑦②	Bumper	.....1	⑪⑨	Belt Cover (B)	.....1			M3x45 Bind Screw ..2
㉑	Front Drive Hub	.....1	⑦③	Front Arm Bracket (A)	...1	⑫①	Belt Cover (C)	.....1			M4x8 Bind Screw ..5
㉒	Rear Drive Hub	.....1	⑦④	Front Arm Bracket (B)	1	⑫②	Rear Bulk Head	.....1			M2.6x12 Flat Head Screw ..8
㉓	Universal Swing Shaft	...2	⑦⑤	Rear Arm Bracket (A)	...1	⑫③	Upper Deck Mount (A)	...1			M3x6 Flat Head Screw ..4	
㉔	Front Drive Belt	....1	⑦⑥	Rear Arm Bracket (B)	...1	⑫④	Upper Deck Mount (B)	...1			M3x12 Flat Head Screw ..6
㉕	Rear Drive Belt	....1	⑦⑦	Rear Arm Bracket (C)	...1	⑫⑤	Mount Collar (A)	.....1			M3x18TP RoundHeadScrew..2
㉖	Front Axle Box (A)	...1	⑦⑧	Antenna Post	.....1	⑫⑥	Stopper Plate (S)	....2			M2.6x12 TP Bind Screw ..5
㉗	Front Axle Box (B)	...1	⑦⑨	Servo Stay (S)	.....2	⑫⑦	Stopper Plate (L)	....1			M3x8 TP Bind Screw ..6
㉘	Rear Axle Box (A)	....1	⑦⑩	Servo Stay (L)	.....2	⑫⑧	Upper Deck (R)	.....1			M3x10 TP Bind Screw ..9
㉙	Rear Axle Box (B)	....1	⑦⑪	Shock Collar (A)	.....4	⑫⑨	Upper Deck (L)	.....1			M3x12 TP Bind Screw ..2
㉚	Rear Axle Box (C)	....1	⑧①	Upper Rod End	.....2	⑫⑩	Gear Cover	.....1			M2.6x6 TP FlatHeadScrew..1
㉛	Rear Axle Box (D)	....1	⑧②	Uni Crank Collar (B)	.....2	⑫⑪	Antenna Pipe	.....1			M3x10 TP FlatHeadScrew..22
㉜	Drive Pully	.....2	⑧③	Wing Stay (A) (R)	....1	⑫⑫	Ni-Cad Strap	.....2			M3x12 TP FlatHeadScrew..4
㉝	Pully Flange	.....2	⑧④	Wing Stay (A) (L)	....1	⑫⑬	Double Sided Tape	.....2			M3x15 TP FlatHeadScrew..2
㉞	M3x25 Shaft	.....1	⑧⑤	Wing Stay (B)	.....2	⑫⑭	Shock Oil (Green)	...1			M3x18 Cap Screw ..4
㉟	Needle Rollar Shaft	..3	⑧⑥	Wing Stay Joint	..2	⑫⑮	Strap (S)	.....3			M2.6 Nut (3 kinds) ...11
㊱	Needle Rollar4	⑧⑦	Wing Washer※2	⑫⑯	Silicone Grease1			M3 Nut6
㊲	Thrust Bearing1	⑧⑧	Uni Crank (A)1	⑫⑰	Screw Locking Compound1			M2.6 Nut2
㊳	4 φ Thrust Washer2	⑧⑨	Uni Crank (B)1	⑫⑱	Velcro1			M3 Nut5
㊴	Thrust Ball※12	⑧⑩	Uni Crank (C)1	⑫⑲	Main Chassis1			M4 Nut4
㊵	Thrust Plate2	⑧⑪	Uni Crank Collar (A)2	⑫⑳	Front Tire2			M3x3 Set Screw	...2
㊶	4 φ x8 Plain Bearing1	⑧⑫	Servo Saver1	⑫㉑	Rear Tire2			M4x4 Set Screw	...4
㊷	5 φ x10 Ball Bearing8	⑧⑬	Saver Ring1	⑫㉒	Body (Lazer ZX)1			M2.6 Washer (Black)	...3
㊸	8 φ x14 Ball Bearing6	⑧⑭	Saver Horn (SL)1	⑫㉓	Wing1			M3 Washer4
㊹	Front Wheel2	⑧⑮	Saver Horn (SS)1	⑫㉔	Under Cowl1			M4 Washer4
㊺	Rear Wheel2	⑧⑯	Saver Horn (F)1	⑫㉕	Decal (Lazer ZX)1			M5 Washer4
㊻	Steering Shaft2	⑧⑰	Saver Washer1	⑫㉖	E Ring (E2.5)※12				
㊼	King Pin (L)2	⑧⑱	Stopper Post4	⑫㉗	E Ring (E3)※1				
㊽	King Pin (S)2	⑧㉑	Stopper Washer (S)	...4	⑫㉘	Hook Pin4				

NOTE: The parts marked ● & ◎ are temporary pre-assembled.

The parts marked ※ are including spares besides indicated quantity.

LAZER ZX

EXPLODED VIEW



PURCHASABLE PARTS FOR YOUR KIT

You can purchase replacement and optional parts for your kit. All of the part identified by key number are usually not available singularly, but we offer these parts in convenient parts "packs" which can be purchased separately. To figure out which parts pack you need, find the key number for the part within the manual.

Then consult out part pack guide below. When referring to the parts you need, always use the Parts Pack Number. For example, if you need a main gear (key no.21) ask your dealer for Kyosho Parts Pack LA-2 (Main Gear).

NO.	Parts Name	Key Number & Q'ty
LA-1	Diff. Case Set	16 17 X1 Pully Flange for Ball Diff. X1
LA-2	Main Gear	21 X1
LA-3	Thrust Plate	41 X2
LA-4	Thrust Ball	46 X15
LA-5	Guide Plate Set	51 52 X1 53 X2
LA-6	Rear Drive Hub (One way clutch)	23 X1
LA-7	Front Drive Hub (One way clutch)	22 X1
LA-8	Main Gear Shaft	59 X1
LA-9	Thrust Bearing Set	38 X1 39 X2
LA-10	Belt Rollar Set	35 X1 36 X3 37 X4
LA-11	Drive Pully Set	33 34 X2
LA-12	Rear Drive Belt	76 X1
LA-13	Front Drive Belt	75 X1
LA-14	Shock Stay	65 66 X1
LA-15	Upper Deck	10 X1 11 X1
LA-16	Main Chassis	1 X1
LA-17	Plate Set	62 63 64 X1
LA-18	Motor Plate (L)	60 X1
LA-19	• (S)	61 X1
LA-20	Sus. Shaft Set	10 11 X2 12 X4
LA-21	King Pin (L)	48 X4
LA-22	Steering Pin	47 49 X2
LA-23	Saver Shaft Set	52 X2 57 X1
LA-24	Rod Set	6 X3 7 10 X2
LA-25	Stopper Plate Set	9 10 X1
LA-26	Sus. Arm Set	15 16 X2
LA-27	Front Hub Carrier	69 X2
LA-28	Rear Hub Carrier	67 68 X1
LA-29	Upper Rod End	76 X1 77 78 80 81 X2 79 X4
LA-30	Arm Bracket	71 72 73 74 75 X1
LA-31	Upper Deck Mount	10 11 12 13 14 X1
LA-32	Front Axle Box	27 28 X1
LA-33	Rear Axle Box	29 30 31 32 X1
LA-34	Belt Cover	18 19 X1
LA-35	Gear Cover	1 X1
LA-36	Body (Lazer ZX)	1 X1
LA-37	Decal (Lazer ZX)	1 X1
LA-38	Screw (Lazer ZX)	
LA-39	4 φ Shim Set	13 X20
LA-40	8 φ Shim Set	14 X20
LA-41	Velcro	10 X2
LA-42	Double Wing	4 X1
LA-43	5.8 φ Ball End	10 X12
OT-4	King Pin	48 X4
OT-6	Swing Shaft	10 X2
OT-16	Knuckle Arm	10 11 X1
OT-18	Rear Shaft	10 X2
OT-19	Drive Washer	10 X4
OT-28	Diff. Gear Set	18 19 X4 20 X2
OT-32	5.8 φ Ball	13 X10
OT-38	Silicone Grease	13 X2
OT-39	E Ring (E2.5)	10 X10
OT-66	Lowprofile Tire (Pin Type)	10 X2
OT-93	Bumper	70 X1
OT-99	Wing Stay Set	82 83 X1 84 85 X2 86 X4
OT-121	Narrow Wheel	43 X2
OTW-9	Plastic Parts Set	97 98 99 X4
OTW-10	Uni Crank Servo Saver	97 98 99 101 102 103 104 105 X1 100 X2
OT-131	5 φ Shim Set	10 X20

NO.	Parts Name	Key number & Q'ty
W-5001	Pressure Shock (S)	1 3 5 7 8 9 10 11 12 13 14 X2 15 16 17 X4
W-5002	Pressure Shock (L)	2 4 6 7 8 9 10 11 12 13 14 X2 15 16 17 X4
W-5033	Narrow Tire	10 X2 Pin Type
W-5061	Universal Swing Shaft	23 X2
MA-17	Wheel	46 X4 Lowprofile Yellow
1901	5 φ x10 Ball Bearing	40 X2
1911	8 φ x14 Ball Bearing	40 X2
1914	4 φ x8 Plain Bearing	42 X10
1915	5 φ x8 Plain Bearing	10 X10
1840	Double Sided Tape	10 X1
UM-43	Servo Saver Ring	15 X1
1889	Body Pin	10 X5
EP-22	Hook Pin	10 X5
EF-37	Strap (S)	10 X6
EF-39	Ni-Cad Strap	10 X6
OT-5	Joint	10 X2
OT-101	5.8 φ Ball	13 X10 (Black 2.6 φ Hole)
Optional Parts Set		
WBD-1	Shaft Plate Set	Need 2 sets for front & rear
WBD-2	Ball Set	•
LAW-3	Carbon Main Chassis	Light Weight & Tough
LAW-1	Shock Stay (FRP)	Tough (Front & Rear)
LAW-2	Stabilizer Set	Stabilize the roll over
LAW-5	Adjust Rod Set	6 X3 7 X2 10 X2 Easy Adjusting
LAW-4	Rear Drive Hub	Rear Drive Setting
LM-15	Cooling Plate	Cooling Plate for Le Mans
LM-18	Maintenance Kit	Maintenance parts for Le Mans
1863	Sponsor Sticker	
1951	Shock Oil Set	(S, M, H) Set
1953	Silicone Oil (S)	viscosity 100SC, 200SC Same as 1951 (S)
1954	Silicone Oil (M)	Viscosity 300SC, 400SC Same as 1951 (M)
1955	Silicone Oil (H)	Viscosity 500SC, 600SC Same as 1951 (H)
1883	Frontier Hobby Oil	30 cc
1902	5 φ x8 Ball Bearing	Use instead of 114 2pcs.
W-5003	Adjustable Shock S	Easy Adjusting
W-5004	Adjustable Shock L	•
OT-90	Wheel (Lowprofile)	One pc. type 4pcs.
FD-2	Wheel (Aero Dish)	• •
RK-15	Lowprofile Tire	Rear Tire 2pcs.
1872	Sponge Tire (A)	Wet Hard Track 2pcs.
W-5021	Lowprofile Wheel	Silver Plated
W-5022	Narrow Wheel	• •
W-5023	Lowprofile Wheel	F.Yellow 2pcs.
W-5024	Narrow Wheel	• •
W-5031	Lowprofile Tire	Hard Track 2pcs.
W-5032	Lowprofile Tire	Soft Track 2pcs.
W-5034	Narrow Tire	Hard Track 2pcs.
W-5075	Narrow Tire SS-M	Low Hight Pin Spike 2pcs.
W-5076	Narrow Tire MH-M	Multi Spike •
W-5077	Lowprofile Tire	Low Hight Pin Spike •
W-5078	Lowprofile Tire	Multi Spike •
W-5085-5095	Hard Pinion Gear	Hard Aluminum
1956	Silicone Oil	Diff.Oil (Super Hard)
OT-88	Protector Set	
1903	4 φ x8 Ball Bearing	Use instead of 42 10 X1

The Super Hobby



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