RADIO CONTROLLED ELECTRIC POWERED SPECIAL RACING BUGGY

OFF-ROAD RACER

UMMA PRO

- LONG-TRAVEL WISHBONE PARALLEL ARM FRONT AND REAR SUSPENSION.
- INDEPENDENT SUSPENSION ON ALL FOUR WHEELS WITH OIL—FILLED PRESSURE SHOCK ABSORBERS AND STABILIZER BARS.
- FOURTEEN BALL BEARING INCLUDED IN KIT.
- STRONG, LIGHT ITS ALLOY CHASSIS, PERFORATED FOR SADDLE PACK-TYPE BATTERIES.
- FINE—PITCH DRIVE GEARS FOR SMOOTH POWERFLOW STRONG ENOUGH FOR THE MOST POWERFUL MOTORS.
- LIGHT, LOW-LOSS BALL-TYPE DIFFERENTIAL.
- LOW-PROFILE TIRES WITH HIGH-GRIP SPIKE TREAD.
- MOTOR, 7.2v-1700mAh NiCd BATTERY, 2 CHANNEL RADIO. (NOT INCLUDED)



BEFORE YOU BEGIN ASSEMBLY!

Thank you for purchasing the Kyosho's R/C "EP Off-Road Car Ultima Pro".

In order to keep your Ultima Pro in the tip top condition to enjoy the most pleasure from the R/C world, you should throughly read through this instruction manual and the operation instruction of the radio control units to keep the correct way of assembling, and handling.

《KIT FUTURES》

- Our new designed chassis from duralummin made for the saddle type battery, but stick type battery is also can be installed.
- For front new pin spike tires and for rear low-profile pin spike tires are included.
- For reduction gear this kit uses new gear type with module of 0.6 mm. This change made the possibility of setting the gear even finer for adjustment.
- This kit was made to use the 2 channel radio controller and electrical speed control.

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BEFORE ASSEMBLY

O 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.

O Check the parts in the kits.

the kit without any difficulty.

Check to see if all the parts are correctry bagged as they are listed in the "List of Bagged Parts" (page 4,5). Your through understanding of the assembly will enable you to build

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.

O Learn the marks described in the instruction.

- SWCIMINI ... Place to put some locktite.

It will prevent the screws and nuts get loosen by vibration while running.

GREASE ... Point where grease should applied.

It will reduce friction are assure ents.smooth movem





Steps where your paticular attention is required.

O Be well aware of the different types of screws.

1 The difference between the TP screw

(short form of self-tapping screw) and the ordinaly screw is TP Screw Ordinary Screw dillillilli Some of them Finer Thread pointed tips. Coarser Thread

2 The kinds of screws which will be used in this instruction. Round Head Bind Screw Set Screw

Truss

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

Screw

Flat Head

Screw Screw O Pick up the correct parts and screw. Copare the shape and size of small parts,

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

such as screws, nuts, and washers.

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

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

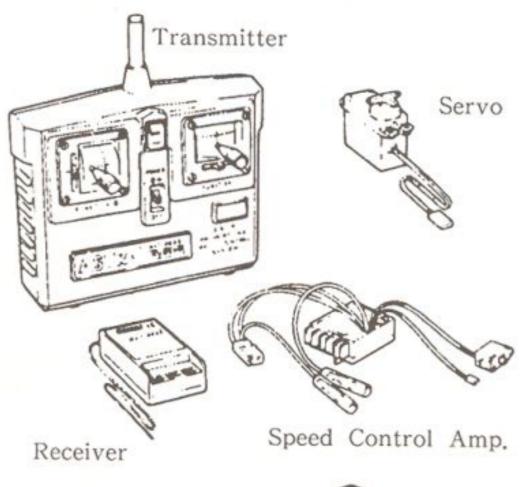
Do not use excessive force when tightening the self-tapping screws, or you may strip the thread in the plastic. It is recommended to stop tightening it when the thread part on the screw goes into the plastic part and you feel some resistance

Over tighten may strip the thread in the plastic Good

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.



AA Size Battery For Transmitter8 pcs.

<NiCd Battery>

"Ultima Pro" is designed to use a rechargeable 7.2V NiCd Battery pack.

7.2V Sprint Battery and 7.2V Saddle Pack are ideal for the purpose.

No.2310 7.2V-1200

Sprint Battery

Check up

00

No.2331 7.2V-1200 SCR Battery (Saddle Pack)

<Motor>

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

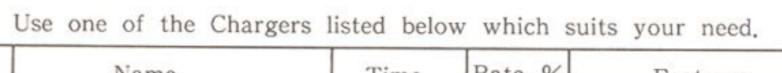
No.1986 Le Mans Speed 240T No.1925 Le Mans 360Gold No.1926 Le Mans H-240S No.W1011 SPA 240WS

from the tightening.

<Charger for NiCd Battery>

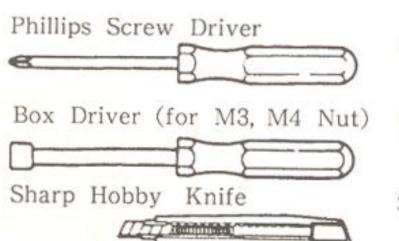
The Kyosho's NiCd battery is of high performance.

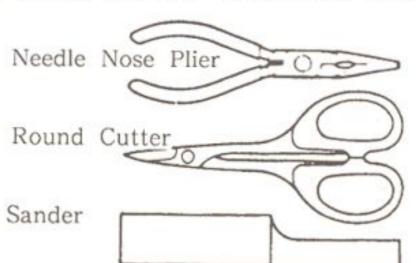
If it is charged correctly, it will operate for a considerable period of time.

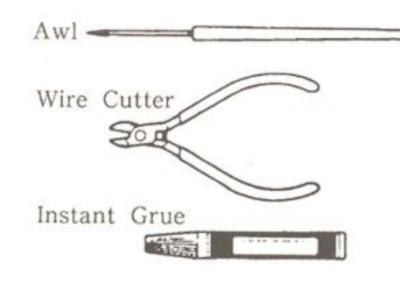


Model	Name	Time	Rate %	Features
No.2326	7.2V Power Charger	15 (min.)	70	For bigginer Built-in timer
No.1849	Multi Charger II	20 (min.)	100	Timer, Ammeter built in
No.1845	Lambda Quick Charger	20 (min.)	100	Trickle charging Automatic cut-off at peak of charge

<Tools Required> A Hex Key, Grease and SW-cement are in the kit.







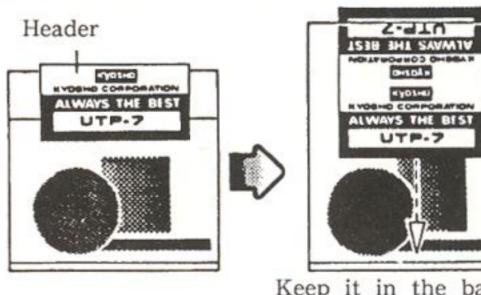


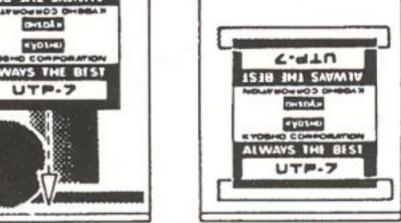
Brush

Micro Line Tape

[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.





Keep it in the bag.

Or affix it on the bag with tape.

Bag	Key #	Parts Name	Q'ty	Step
	1	Front Shock Stay	1	14
	2	Rear Shock Stay	1	8
BLISTER	3	4 φ x8 Bearing	6	25 29
(A)	4	5 φ x10 Bearing	6	5 7 10
	5	Center Gear Collar	1	25
	6	Motor Guard	1	24
	7	Motor Plate	1	5
	© 8	8 φ x14 Bearing	2	1
	© 9	Body of differential	1	
	◎10	Differential Shaft (A)	1	
	©11	Differential Shaft (B)	1	
	©12	Pressure Plate	2	[]
	©13	8 φ x10 Collar	1	} 7
	◎14	Torque Keeper	1	
	© 15	Tapered Washer	4	
	◎16	Differential Ball	10	
	© 17	Thrust Ball	8	
	© 18	Thrust Washer	2	J
	• 19	Front Shock Shaft	2	1
	● 20	Rear Shock Shaft	2	
BLISTER (B)	● 21	Front Shock Case	2	
	• 22	Rear Shock Case	2	
	• 23	Front Shock Spring	2	
	• 24	Rear Shock Spring	2	1
	• 25	Spring Holder	4	
	• 26	Shock Cap	4	
	• 27	Spring Stopper	4	
	● 28	Shock End	4	
	• 29	E Ring (E2.5)	4	1
	30	Final Pinion	1	6
	31	Center Gear	1	25
	32	Counter Gear	1	5
	33	Swing Shaft	2	00
	34	Wing Post	2	22
	35	Drive Washer	_	-
	36	Rear Wheel Shaft	2	29
	37		2	10
	38	Front Suspension Arm	2	15
		Rear Suspension Arm	2	10
	39	Radio Plate	1	22
	40	Gearbox (L)	1	7
	41	Gearbox (R)	1	5
	★ 42	Stabilizer Link (L)	2	12
	★ 43	Stabilizer Link (S)	2	116
LITE	★ 44	Stabilizer Stopper	2	8
UTP-2	45	Motor Cord	1	23
	46	Wing Stay	1	38
	47	Gear Cover Seal	1	221
	48	Double Sided Tape	1	32 33 37
	49	Strap (S)	2	32 33
	50	Ni-Cd Strap	2	34
	51	Antenna Pipe	1	33

Bag	Key #	Parts Name	Q'ty	Step
	52	Shock Oil (Green)	1	3
LITE	53	Screw Locking Compoun	1	
UTP-2	54	Silicon Grease	1	
	55	Condensor	1	23
LITE	56	Rear Wheel	2	28
UTP-3	57	Front Wheel	2	28
	58	Pinion Gear (20T)	1	26
	59	Center Gear Shaft	1	25
	60	Counter Gear Shaft	1	5
	61	2 φ x11 Pin	2	5
	62	Front Wheel Shaft	2	
	63	Servo Saver Shaft	2	20
	64	Wing Stopper	2	38
	65	Radio Plate Post	2	22
	66	3 φ x32 Adjust Rod	4	4
UTP-4	67	3 ¢ x50 Adjst Rod	2	4
	68	5,8	6	4
	69	O Ring (P3 · Black)	1	25
	70	Motor Guard Collar	2	24
1	★ 71	Shock Piston	4	2
	72	Shock Collar (White)	4	2
	73	Shock Collar (Black)	4	2
	74	Pressure Top	4	8
1	75	O Ring (P3 · Red)	8	2
	76	C Ring	8	2
	29	E Ring (E2.5)	8	2
l		M3x18 Cap Screw	2	8 14
	77	Front Stabilizer	1	16
	78	Rear Stabilizer	1	8
	79	Rear Suspension Shaft (B)	2	10
UTP-5	80	Stabilizer Ball	2	100
017-5	81	Adjust Ball	4	02 06
	82	Sponge Cap	1	7
	83	Motor Guard Plate	1	24
	84	Servo Saver Spring	1	19
	85	Front Bulk Head	1	00
	86	Rear Axle Stopper	1	00
	87	Rear Bulk Head	1	8
	88	Gear Cover	1	27
	89	Bumper	1	100
	★ 90	Front Hub	2	08
UTP-6	★ 91	Rear Hub	2	00
	★ 92	Knuckle Arm (L)	1	
	★ 93	Knuckle (R)	1	113
	★ 94	Servo Saver (A)	1	19
	★ 95	Servo Saver (B)	1	19
	★ 96	Servo Saver (C)	1	19
	★ 97	Servo Saver (D)	1	19
		Servo Saver Collar	2	20
	★ 99	Gearbox Hatch	1	9
	★ 100	M3 Plastic Nut	6	02 03
	7,100	nio riddio ridi		us uu

LIST OF BAGGED PARTS (2)

Bag Key # Parts Name Q'ty Step ★101 Servo Stay 4 10 Sparex ★102 Shock Collar 4 10 10 ★103 Antenna Post 1 10 ★104 Battery Stopper 2 10 ★105 Stopper Post 4 10 ★106 Stopper Washer (Thiner one) 2 ★107 Stopper Washer (Thicker one) 2 10 ★108 Ball End (L) 12 11 109 Ball End (S) 1 11 110 Front Sus, Shaft (A) (Silver) 2 11 111 Rear Sus, Shaft (A) (Black) 2 11 112 Ball Nut 1 10 113 5.8 φ Ball (Silver) 10 12 12 114 4.8 φ Ball 2 10 115 Front Suspension Shaft (B) 2 11 116 King Pin 2 12 117 Steering Rod 1 11 119 Motor Guard Joint 1 12 120 Body 1 13 121 Wing 1 13 122 Front Tire 2 12 123 Rear Tire 2 12 124 Main Frame 1 12 125 Decal 1 10 126 E Ring (E2.5) 10 10 10 Sparex 126 E Ring (E3.) (Black) 3 E Sparex	
#102 Shock Collar #103 Antenna Post 1 27 #104 Battery Stopper 2 3 4 27 #105 Stopper Post #106 Stopper Washer (Thiner one) 2 2 27 #107 Stopper Washer (Thicker one) 2 2 27 #133 Body Hook 1 27 109 Ball End (L) 12 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
#103 Antenna Post 1 22 #104 Battery Stopper 2 2 34 #105 Stopper Post 4 22 #107 Stopper Washer (Thiner one) 2 2 22 #133 Body Hook 1 22 #108 Ball End (L) 12 4 109 Ball End (S) 1 12 110 Front Sus, Shaft (A)(Silver) 2 13 111 Rear Sus, Shaft (A)(Black) 2 10 112 Ball Nut 1 12 113 5.8 φ Ball (Silver) 10 2 4 114 4.8 φ Ball 2 10 115 Front Suspension Shaft (B) 2 15 116 King Pin 2 16 117 Steering Rod 1 12 118 Center Rod 1 12 120 Body 1 1 15 121 Wing 1 1 15 122 Front Tire 2 123 123 Rear Tire 2 123 124 Main Frame 1 1 12 125 Decal 1 1 121 127 Instruction 1 1 12 12 128 Instruction 1 1 12 12 129 E Ring (E2.5) 10 10 11 15 Special Post of the property of	
UTP-6 PLASTIC PAR ★104 Battery Stopper Post ★105 Stopper Post ★106 Stopper Washer (Thiner one) ★107 Stopper Washer (Thicker one) ★133 Body Hook 1 109 Ball End (L) 110 Front Sus, Shaft (A)(Silver) 111 Rear Sus, Shaft (A)(Silver) 112 Ball Nut 113 5.8 \$\phi\$ Ball (Silver) 114 4.8 \$\phi\$ Ball 115 Front Suspension Shaft (B) 116 King Pin 117 Steering Rod 118 Center Rod 119 Motor Guard Joint 110 Body 121 Wing 122 Front Tire 123 Rear Tire 124 Main Frame 1 15 Decal Instruction 1 10 III III III 2 III III III III 1 III III III III III	
PLASTIC PAR ★106 Stopper Washer (Thiner one) 2 ★107 Stopper Washer (Thicker one) 2 ★133 Body Hook 1 22 ★108 Ball End (L) 12 109 Ball End (S) 1 21 110 Front Sus, Shaft (A)(Silver) 2 15 111 Rear Sus, Shaft (A)(Black) 2 10 112 Ball Nut 1 19 113 5.8 \$\phi\$ Ball (Silver) 10 2 4 114 4.8 \$\phi\$ Ball 1 2 15 115 Front Suspension Shaft (B) 2 15 116 King Pin 2 18 117 Steering Rod 1 21 118 Center Rod 1 19 119 Motor Guard Joint 1 22 120 Body 1 155 121 Wing 1 155 122 Front Tire 2 2 25 123 Rear Tire 2 2 25 124 Main Frame 1 19 129 E Ring (E2.5) 10 10 10 15 Spension Shart (Contact one) 1 10 10 11 15 Spension Shart (Contact one) 1 10 11 15 Spension Shart (Contact one) 1 10 11 11 11 11 11 11 11 11 11 11 11 1	
PAR ★106 Stopper Washer (Thiner one) 2 ★107 Stopper Washer (Thicker one) 2 2 ★133 Body Hook 1 22 108 Ball End (L) 12 4 109 Ball End (S) 1 21 110 Front Sus, Shaft (A)(Silver) 2 15 111 Rear Sus, Shaft (A)(Black) 2 10 112 Ball Nut 1 19 113 5.8 φ Ball (Silver) 10 2 4 114 4.8 φ Ball 2 15 15 115 Front Suspension Shaft (B) 2 15 116 King Pin 2 16 117 Steering Rod 1 10 118 Center Rod 1 12 119 Motor Guard Joint 1 12 120 Body 1 15 121 Wing 1 15 122 Front Tire 2 20 123 Rear Tire 2 20 124 </td <td></td>	
# 107 Stopper Washer (Thicker one) 2	
#133 Body Hook 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
UTP-7 108 Ball End (L) 12 13 109 Ball End (S) 1 12 13 110 Front Sus, Shaft (A)(Silver) 2 15 111 Rear Sus, Shaft (A)(Black) 2 10 112 Ball Nut 1 10 113 5.8 \$\phi\$ Ball (Silver) 10 2 4 114 4.8 \$\phi\$ Ball 2 15 115 Front Suspension Shaft (B) 2 15 116 King Pin 2 18 117 Steering Rod 1 11 118 Center Rod 1 119 Motor Guard Joint 1 12 12 12 13 12 14 15 12 15 12 15 12 12 12	
109 Ball End (S) 1 2 1 1 1 1 1 1 1 1	
110 Front Sus, Shaft (A)(Silver) 2 111 Rear Sus, Shaft (A) (Black) 2 112 Ball Nut 1 113 5.8 φ Ball (Silver) 10 114 4.8 φ Ball 2 115 Front Suspension Shaft (B) 2 116 King Pin 2 117 Steering Rod 1 118 Center Rod 1 119 Motor Guard Joint 1 120 Body 1 121 Wing 1 122 Front Tire 2 123 Rear Tire 2 124 Main Frame 1 125 Decal 1 Instruction 1 29 E Ring (E2,5) 10	
111 Rear Sus, Shaft (A) (Black) 2 112 Ball Nut 1 113 5.8 φ Ball (Silver) 10 2 2 114 4.8 φ Ball 2 115 Front Suspension Shaft (B) 2 116 King Pin 2 117 Steering Rod 1 118 Center Rod 1 119 Motor Guard Joint 1 120 Body 1 121 Wing 1 122 Front Tire 2 123 Rear Tire 2 124 Main Frame 1 125 Decal 1 Instruction 1 29 E Ring (E2,5) 10 10 10 15 Sp	
UTP-7 112 Ball Nut 1 19 113 5.8 φ Ball (Silver) 10 2 2 2 2 2 2 2 2 2	
113 5.8 φ Ball (Silver) 10 2 4 114 4.8 φ Ball 2 15 115 Front Suspension Shaft (B) 2 15 116 King Pin 2 16 117 Steering Rod 1 17 118 Center Rod 1 17 120 Body 1 17 121 Wing 1 17 122 Front Tire 2 17 123 Rear Tire 2 17 124 Main Frame 1 17 125 Decal 1 17 Instruction 1 10 15 Sp	
114 4.8 \$\phi\$ Ball 2	
114 4.8 φ Ball 2 15 115 Front Suspension Shaft (B) 2 15 116 King Pin 2 15 117 Steering Rod 1 17 118 Center Rod 1 17 119 Motor Guard Joint 1 17 120 Body 1 175 121 Wing 1 175 122 Front Tire 2 175 123 Rear Tire 2 175 124 Main Frame 1 17 125 Decal 1 17 Instruction 1 10 29 E Ring (E2.5) 10 10 15 Sp	
116 King Pin 2 E 117 Steering Rod 1 2 118 Center Rod 1 10 119 Motor Guard Joint 1 22 120 Body 1 35 121 Wing 1 35 122 Front Tire 2 25 123 Rear Tire 2 25 124 Main Frame 1 9 125 Decal 1 10 Instruction 1 1 10 29 E Ring (E2.5) 10 10 10	
117 Steering Rod 1 21 118 Center Rod 1 10 119 Motor Guard Joint 1 22 120 Body 1 33 121 Wing 1 33 122 Front Tire 2 23 123 Rear Tire 2 23 124 Main Frame 1 32 125 Decal 1 32 Instruction 1 32 29 E Ring (E2.5) 10 10 10	
118 Center Rod 1 19 119 Motor Guard Joint 1 22 120 Body 1 33 121 Wing 1 35 122 Front Tire 2 25 123 Rear Tire 2 26 124 Main Frame 1 32 125 Decal 1 37 Instruction 1 37 29 E Ring (E2.5) 10 10 10	
119 Motor Guard Joint 1 22 120 Body 1 35 121 Wing 1 35 122 Front Tire 2 23 123 Rear Tire 2 26 124 Main Frame 1 30 125 Decal 1 37 Instruction 1 1 30 29 E Ring (E2.5) 10 10 10	
120 Body 1 1 121 Wing 1 1 122 Front Tire 2 2 123 Rear Tire 2 2 124 Main Frame 1 9 125 Decal 1 1 Instruction 1 1 1 29 E Ring (E2.5) 10 10 10	
121 Wing 1 35 122 Front Tire 2 28 123 Rear Tire 2 28 124 Main Frame 1 9 125 Decal 1 37 Instruction 1 1 15 29 E Ring (E2.5) 10 10 15	
122 Front Tire 2 2 123 Rear Tire 2 2 124 Main Frame 1 3 125 Decal 1 1 Instruction 1 1 1 29 E Ring (E2.5) 10 10 15	
123 Rear Tire 2 28 124 Main Frame 1 9 125 Decal 1 1 Instruction 1 1 29 E Ring (E2.5) 10 10	
124 Main Frame 1 9 125 Decal 1 1 Instruction 1 1 29 E Ring (E2.5) 10 10	
125 Decal 1 17 Instruction 1 29 E Ring (E2.5) 10 10 15 Sp	
Instruction 1 29 E Ring (E2.5) 10 10 10 Sp	
29 E Ring (E2.5) 10 10 Sp	
126 E Ring (E3) (Black) 3 Spare	are :
	x 1
127 E Ring (E4) 2 7 "	
128 Hook Pin 2 27 "	
129 Body Pin 7 1 1 1 1 pa	ge 2
130 Hex Key (1.5mm) 1 16 25 pag	ge 2
131 Hex Key (2mm) 1 6 7	
132 Hex Key (2,5mm) 1 1 1	
Bind Screw M2.6x6 8	
" M3x6 11	
" M3x18 2	
" M3x35 1	
UTP-1 " M3x45 2	
SCREW, Round Head Screw M2x10 2	
NUT, " M3x33 1	
WASHER, Flat Head Screw M2.6x12 6	
" M3x6 4	
" M3x15 12	
" M4x8 8	
" M4x12 4	
Truss Screw M4x8 4	
TP Bind Screw M3x8 11	
TP Round Head Screw M3x18 1	
Nut M2,6 (3 Kinds) 10	
Nut M3 8	
Nylon Nut M4 4	
Washer M3 2	
Washer M4 2	
Washer φ 8x12 2	- 51/
Set Screw M3x3 5	-1

LAYOUT DRAWING OF PLASTIC PARTS ON RUNNERS

When cutting off parts from a runner... *Pay particular attention when detaching the position.

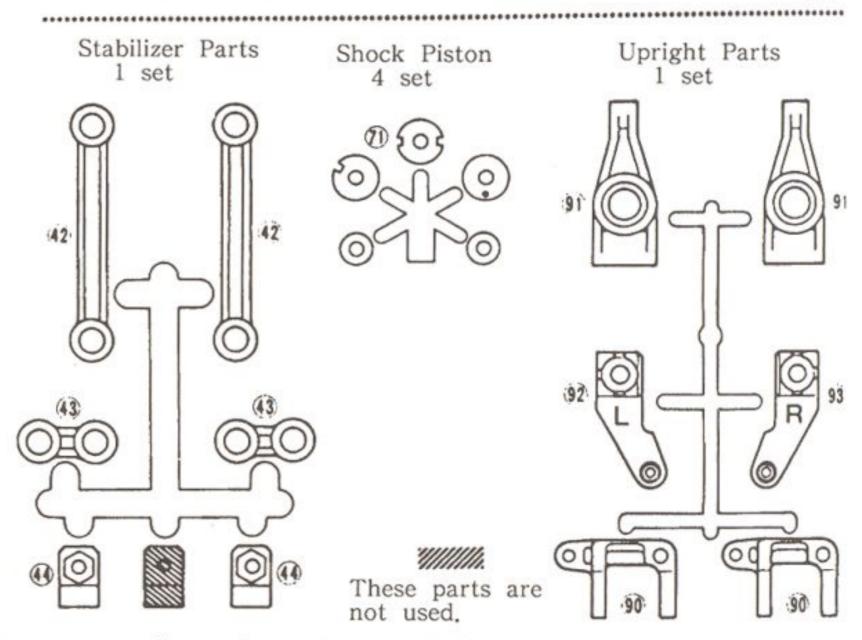
Cut it off with a dike. Remove the stubble with a hobby cutter. (Be careful not to cut your finger)

The part is marred by cutting excessively.

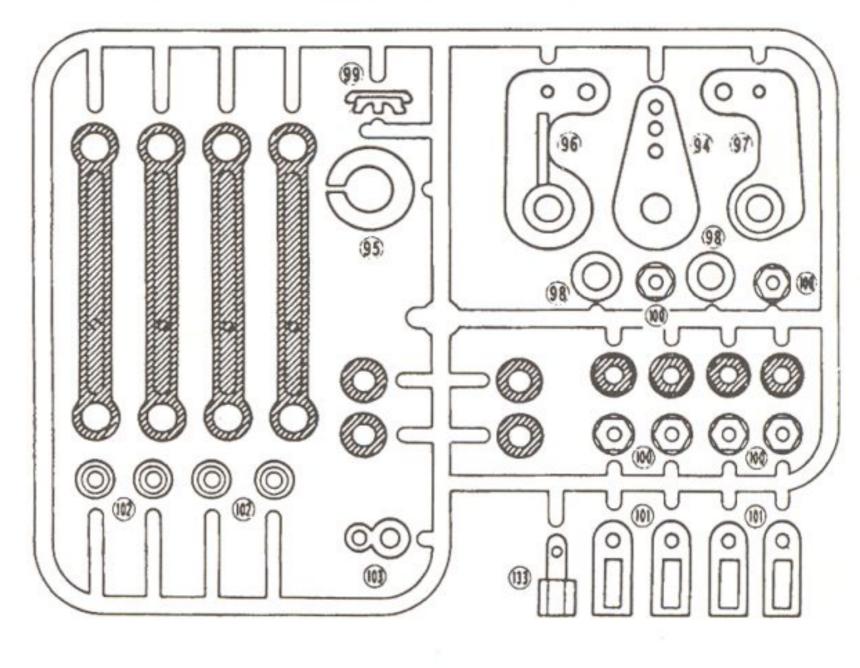
The roots till remains.

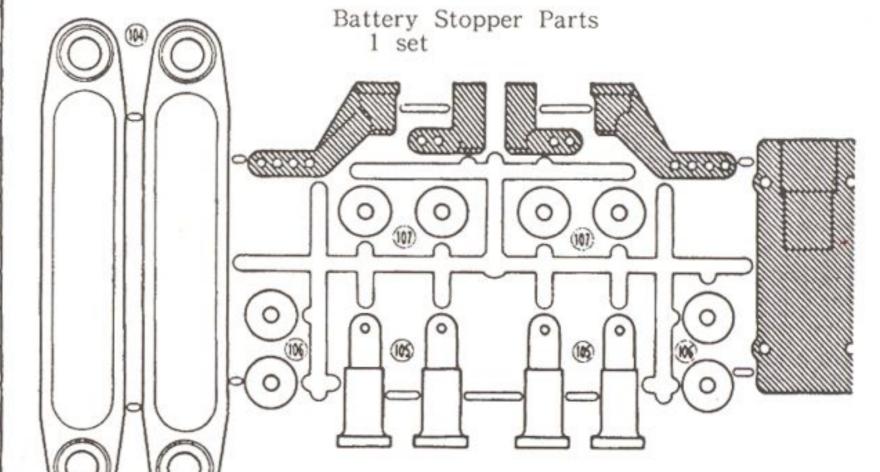
Cut both sides. Good

runner on the part.



Servo Saver Parts and Others 1 set



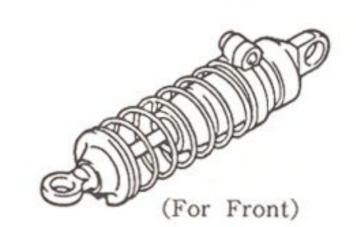




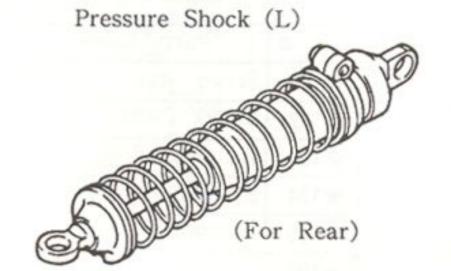
1~29

DISASSEMBLY OF SHOCK

Shocks are assembled temporarily, and must be disassembled to add parts and oil.

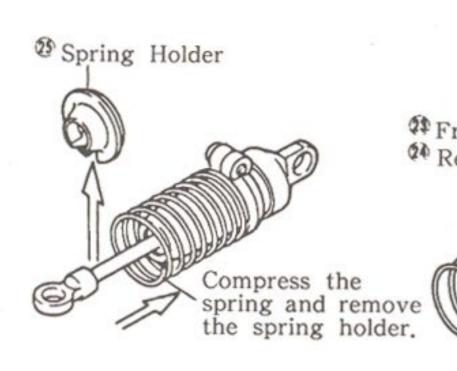


Pressure Shock (S)



Front Shock Shaft

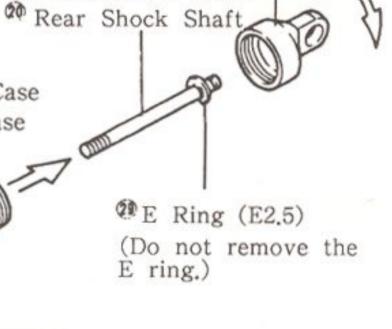
Stage 1



Stage 2 Front Shock Spring Rear Shock Spring

Front Shock Case Rear Shock Case Shock End (1) Spring Stopper

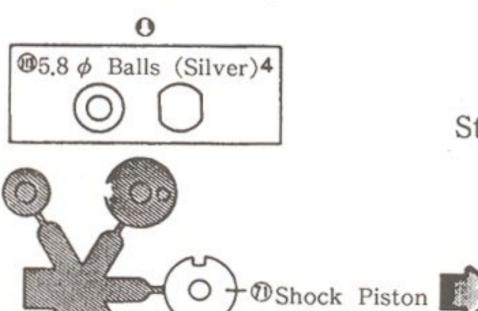
Stage 3



Shock Cap

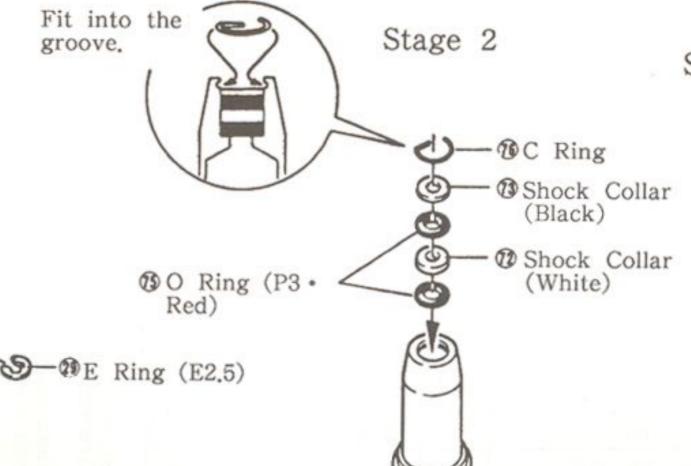
ASSEMBLY OF SHOCK

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



Away the shaded area, they will not used.





 ⊕ 5.8
 ø Ball (Silver) (UTP-7)

Stage 3

Shock End

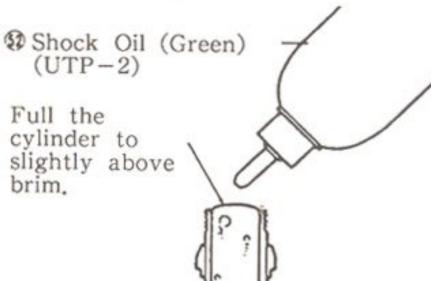
Wrap paper or tape around shaft to prevent pliers -from marking it.

> Be sure to install a rod of correct lengh in the front and rear shocks.

3 FILLING OF SHOCK

Pull down the piston to the Stage 1 bottom and pour oil slowly,

Then move the piston up and down gently to get rid of air bubbles.



Stage 2

(1) Front Shock Shaft

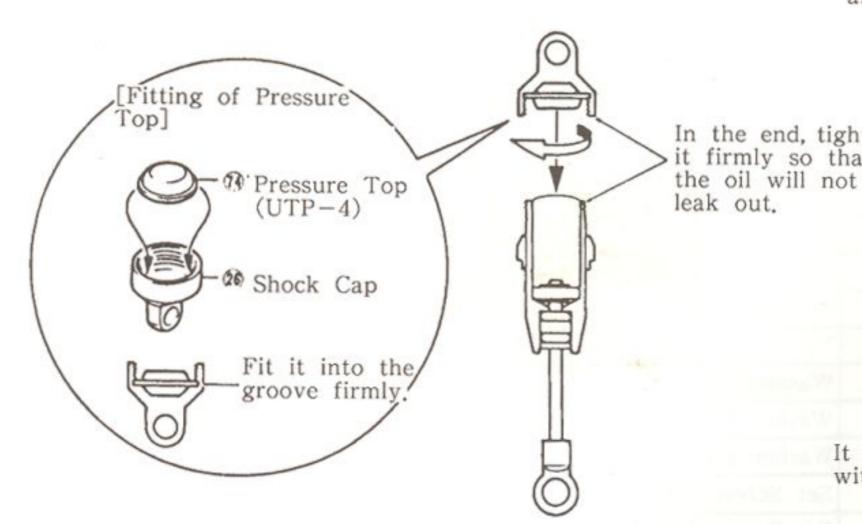
Rear Shock Shaft

Stage 1

Keep the piston in the lowest position and tight 26 gradualy, then excessive oil will run over.

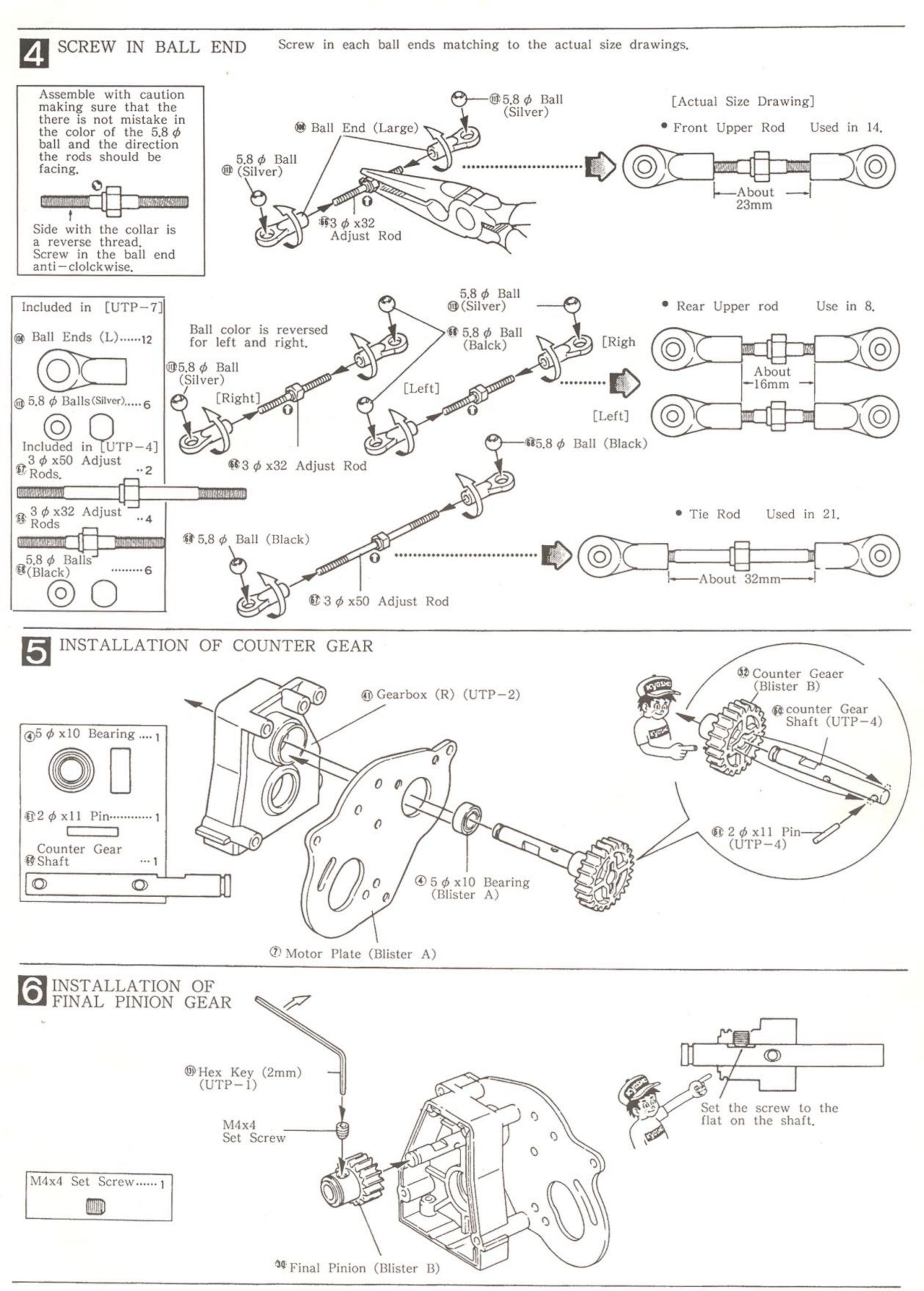
Stage 3

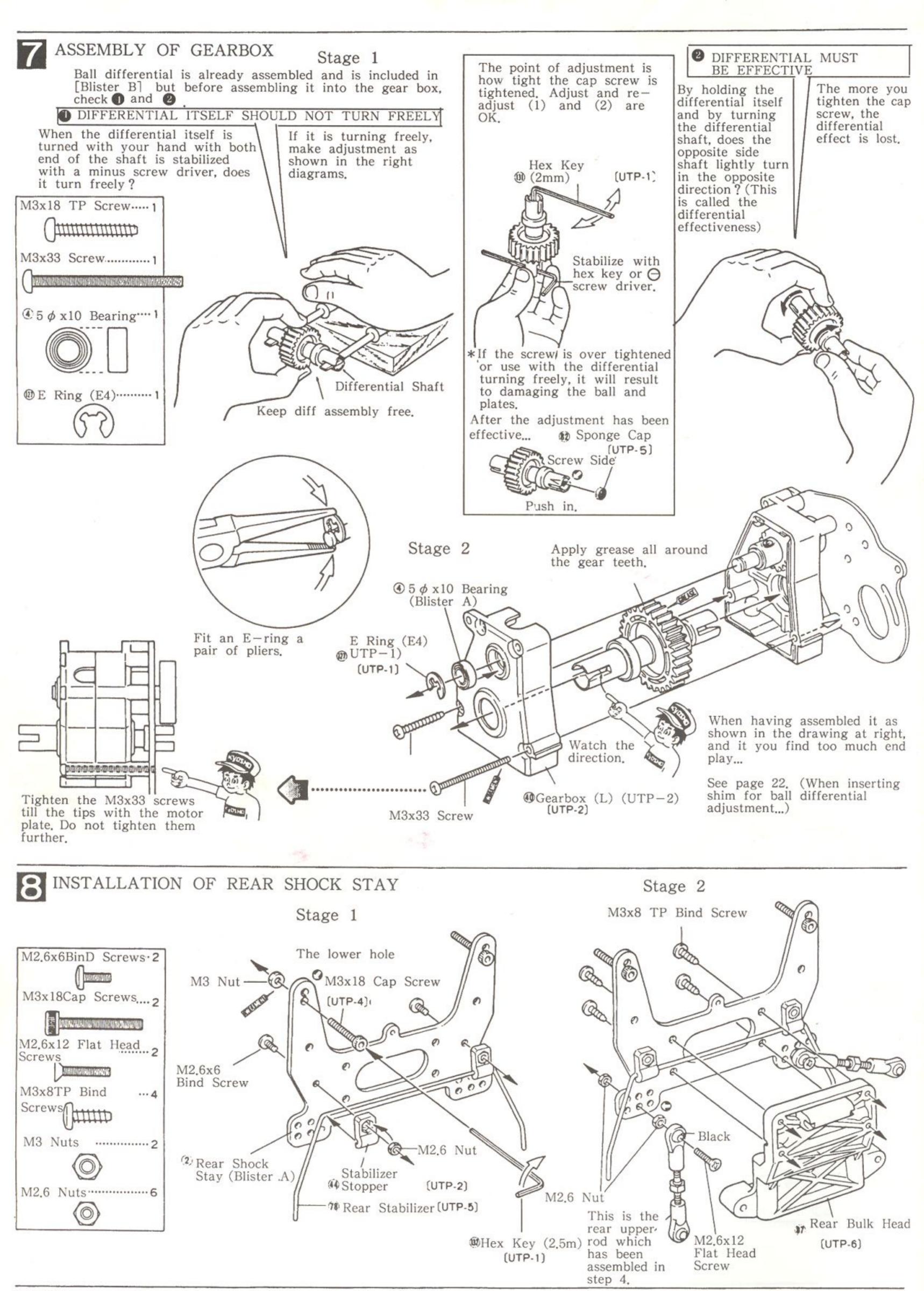
Confirm that it will work smoothly by moving the piston up and down.

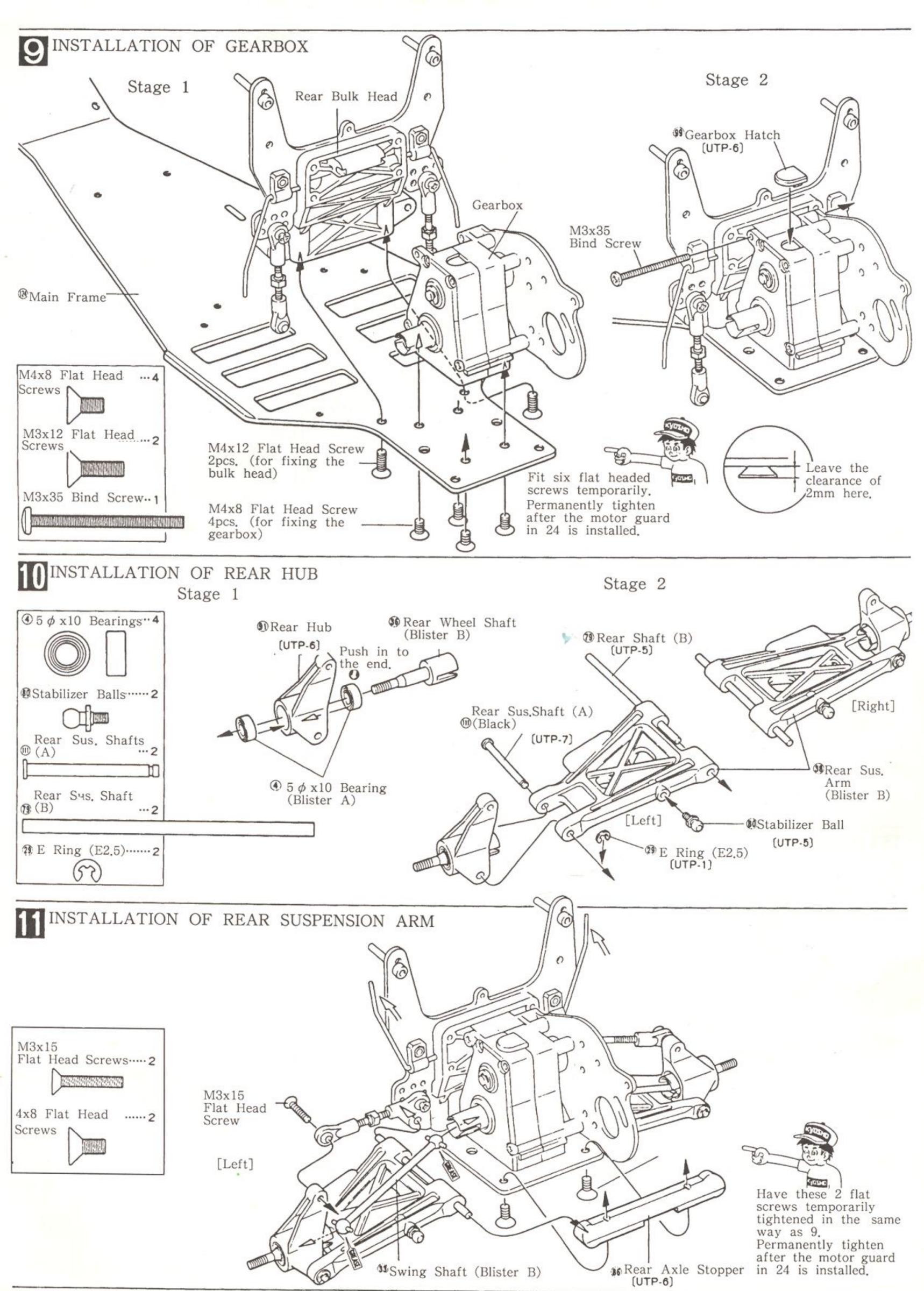


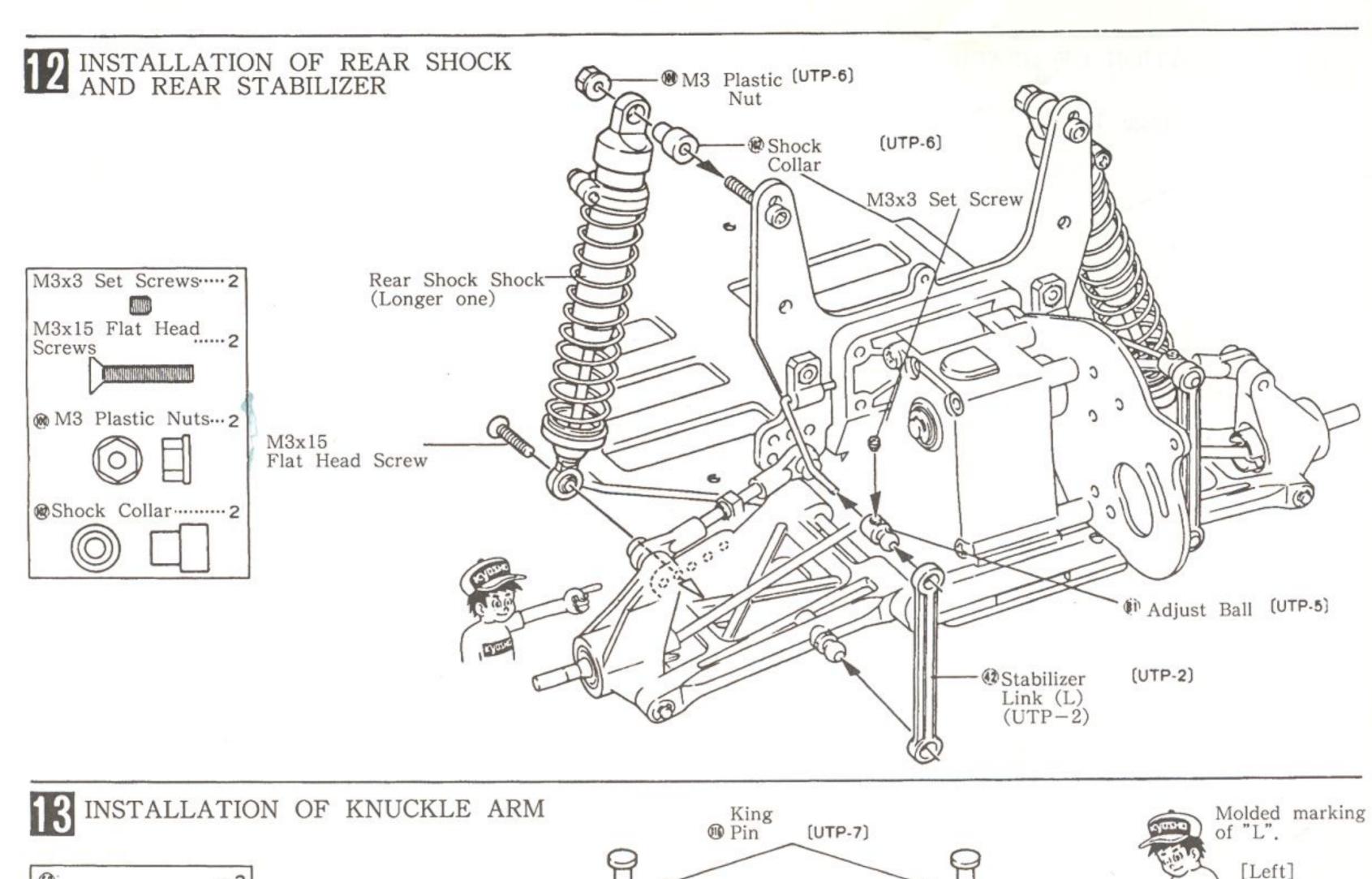
In the end, tighten it firmly so that

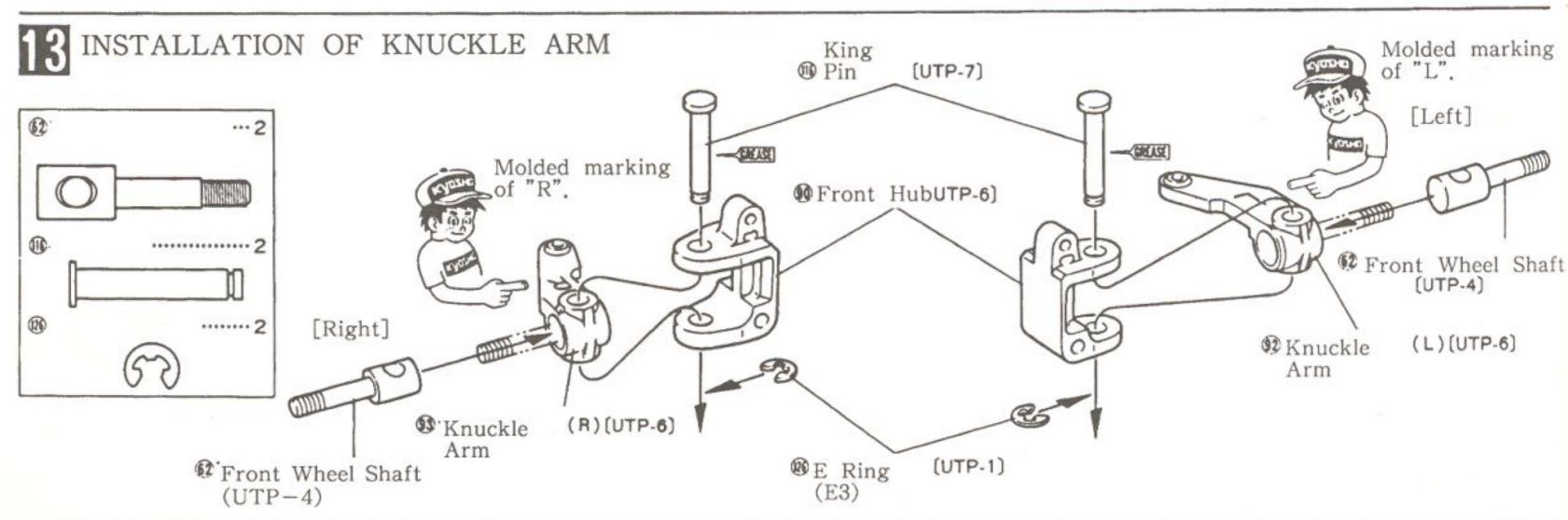
It should move without any binding.

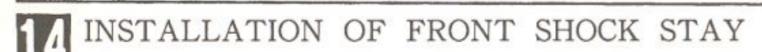


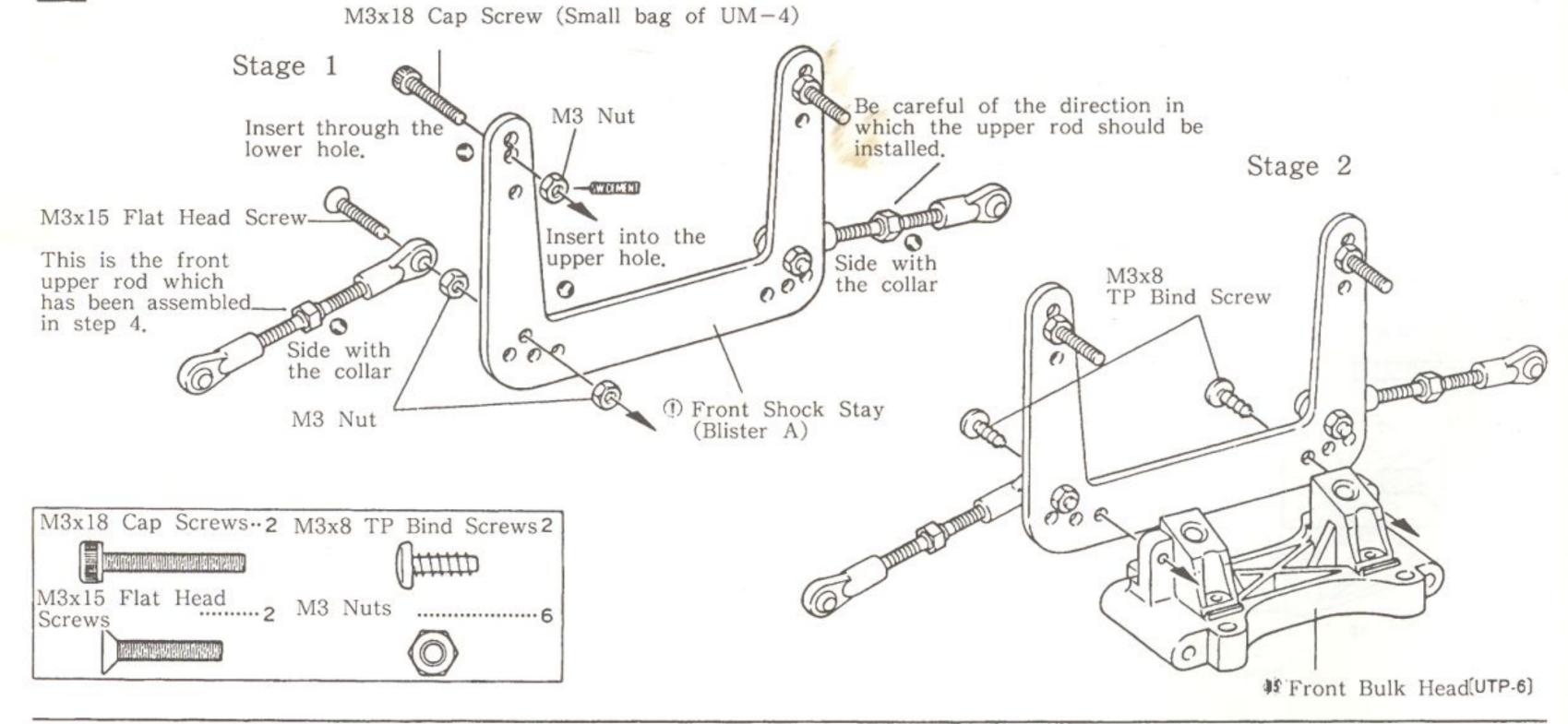


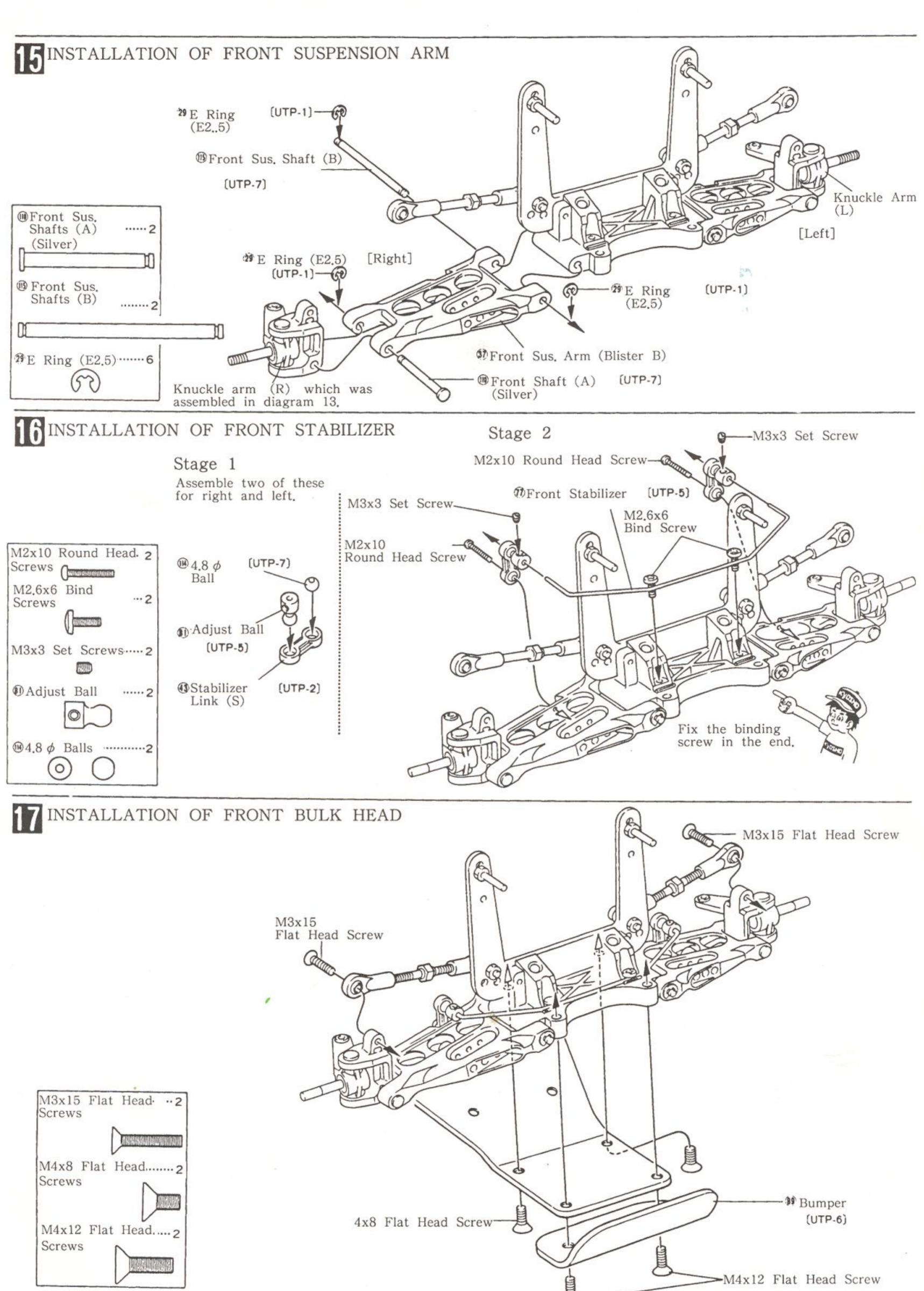


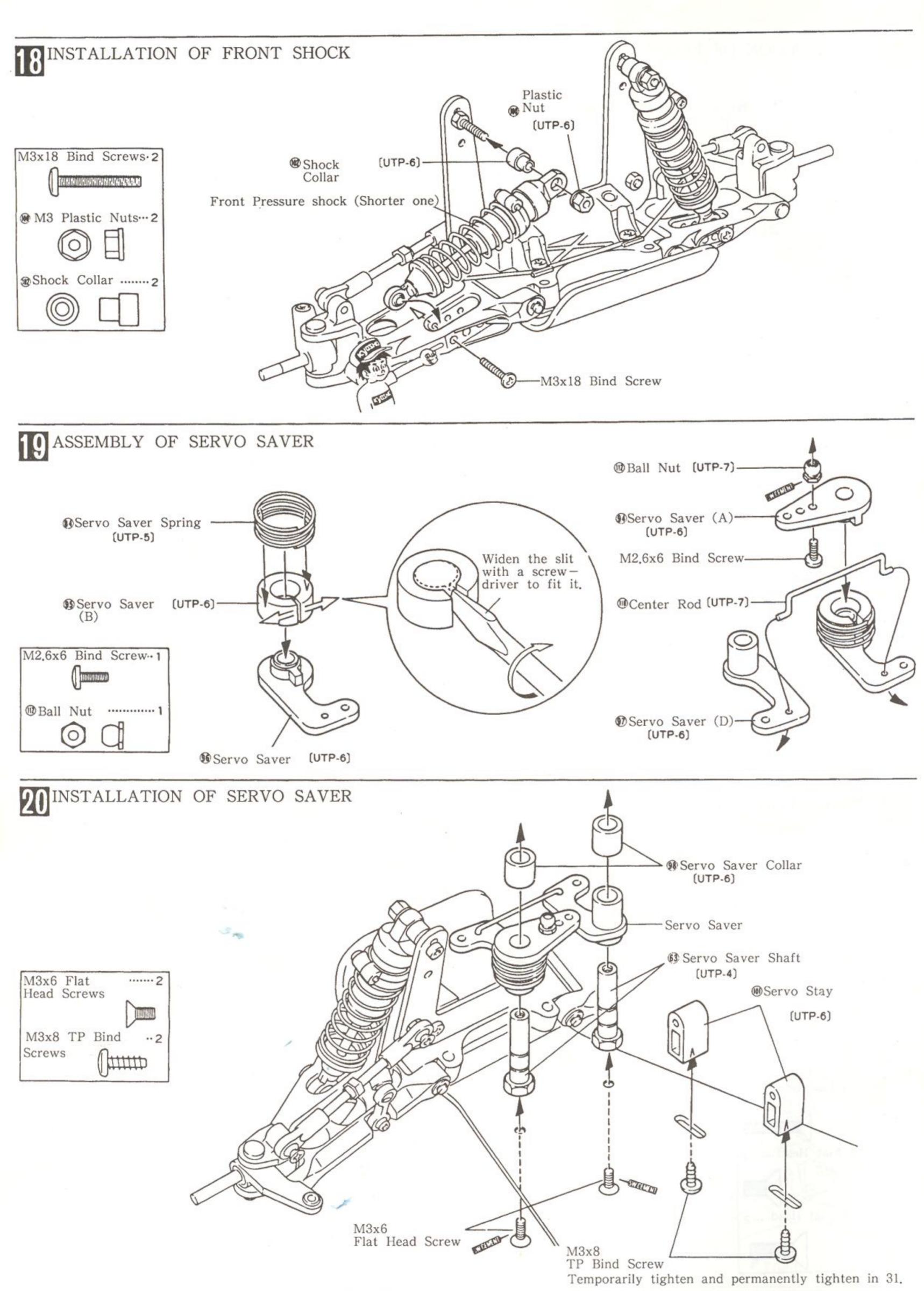


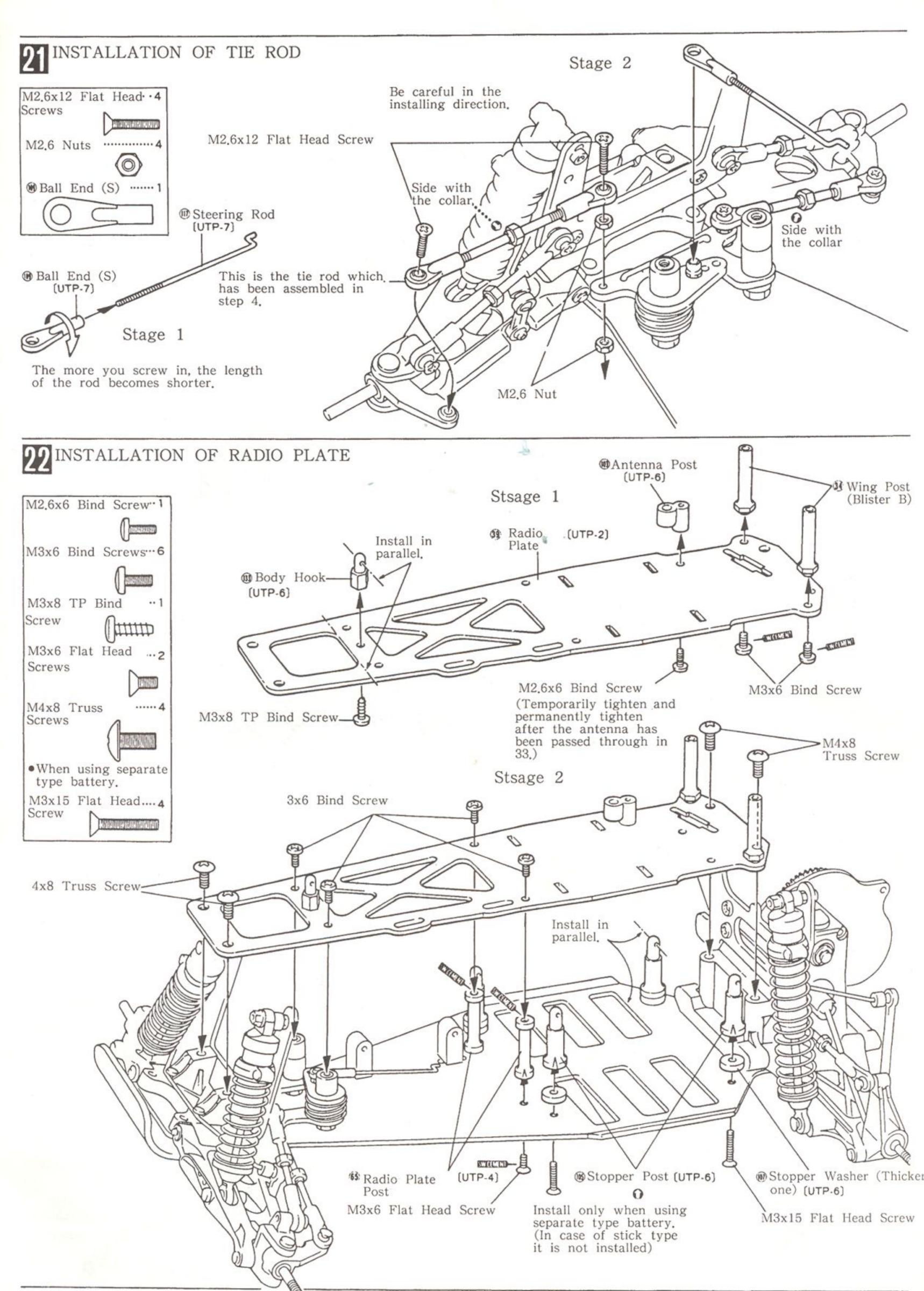


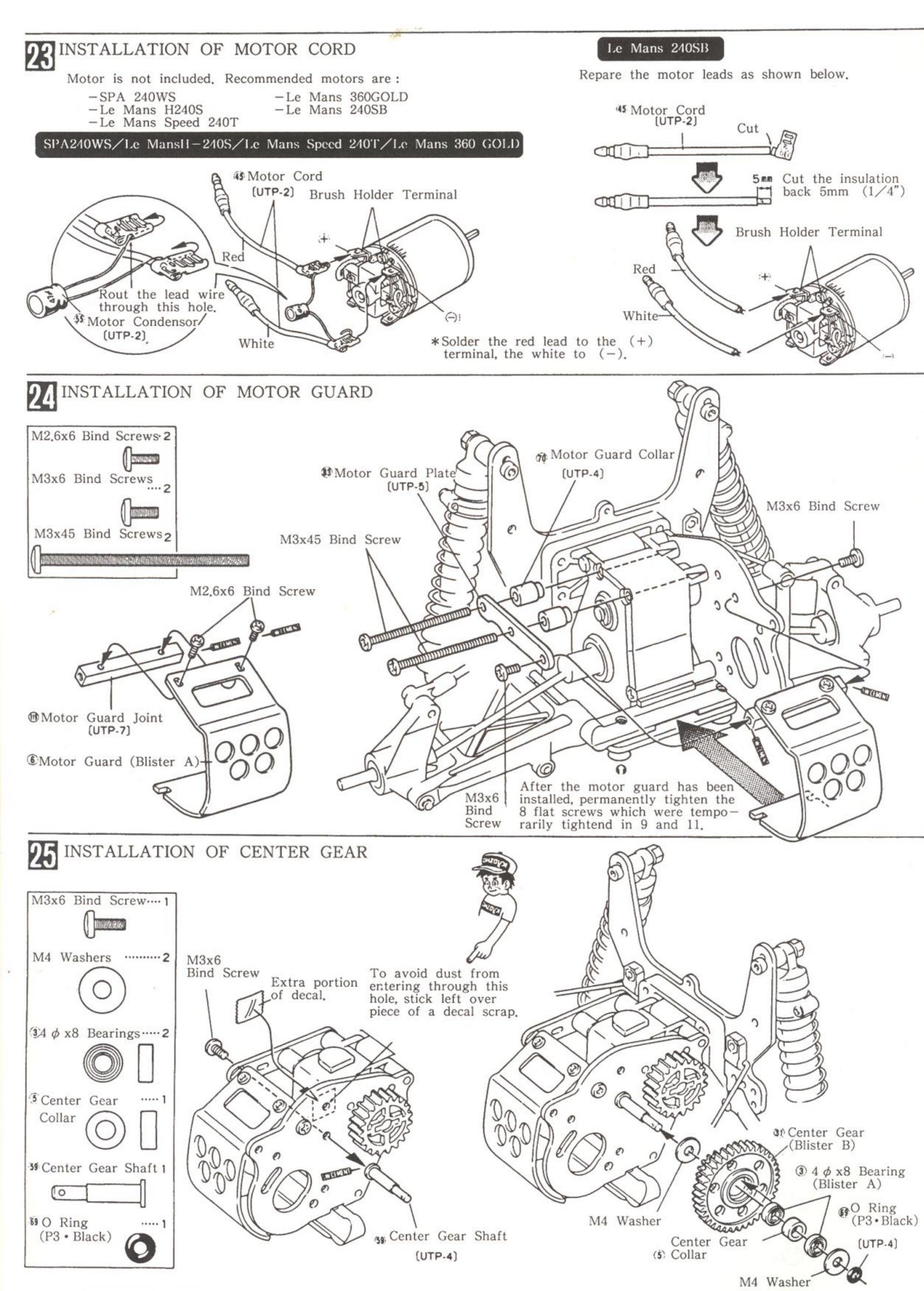


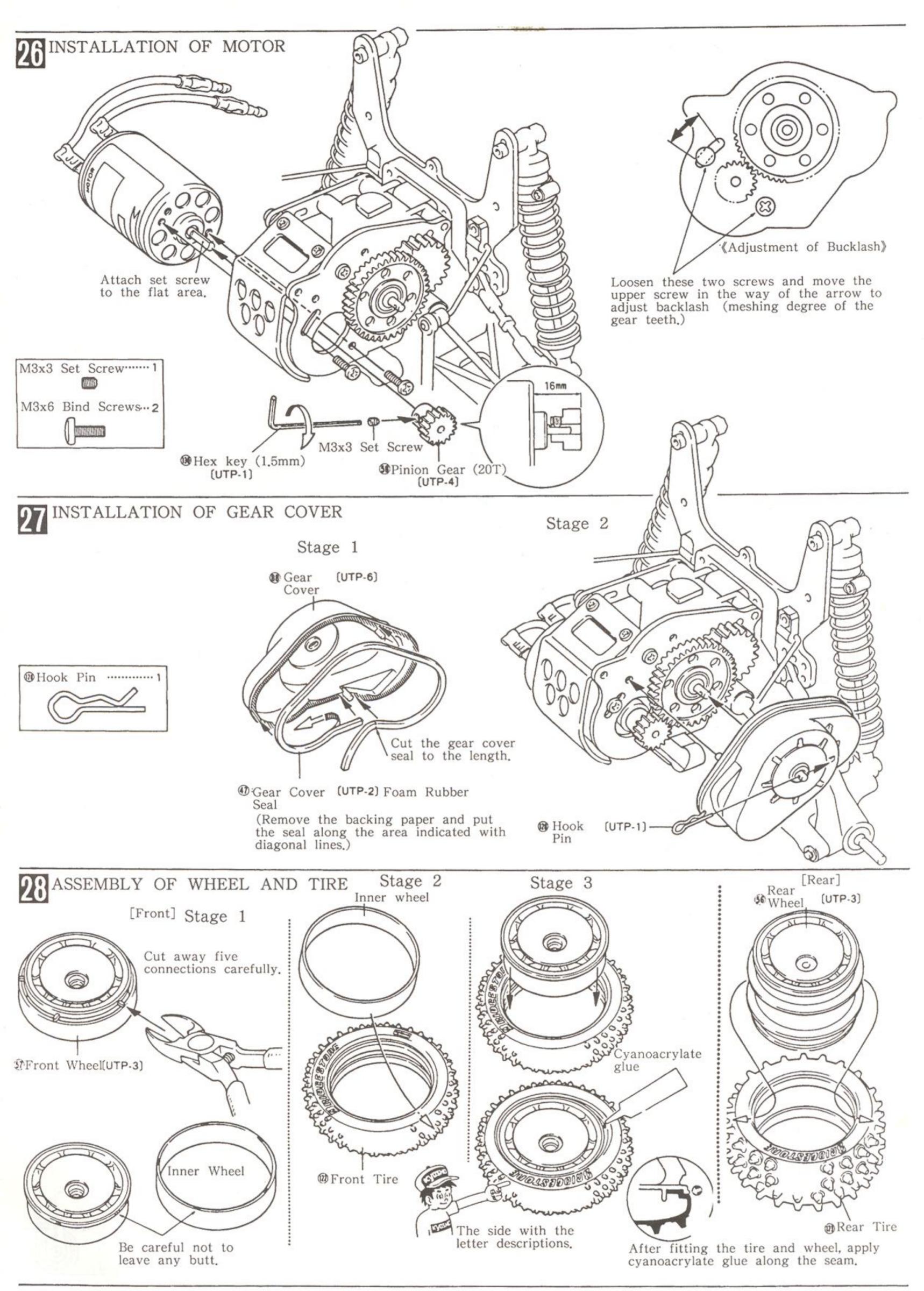


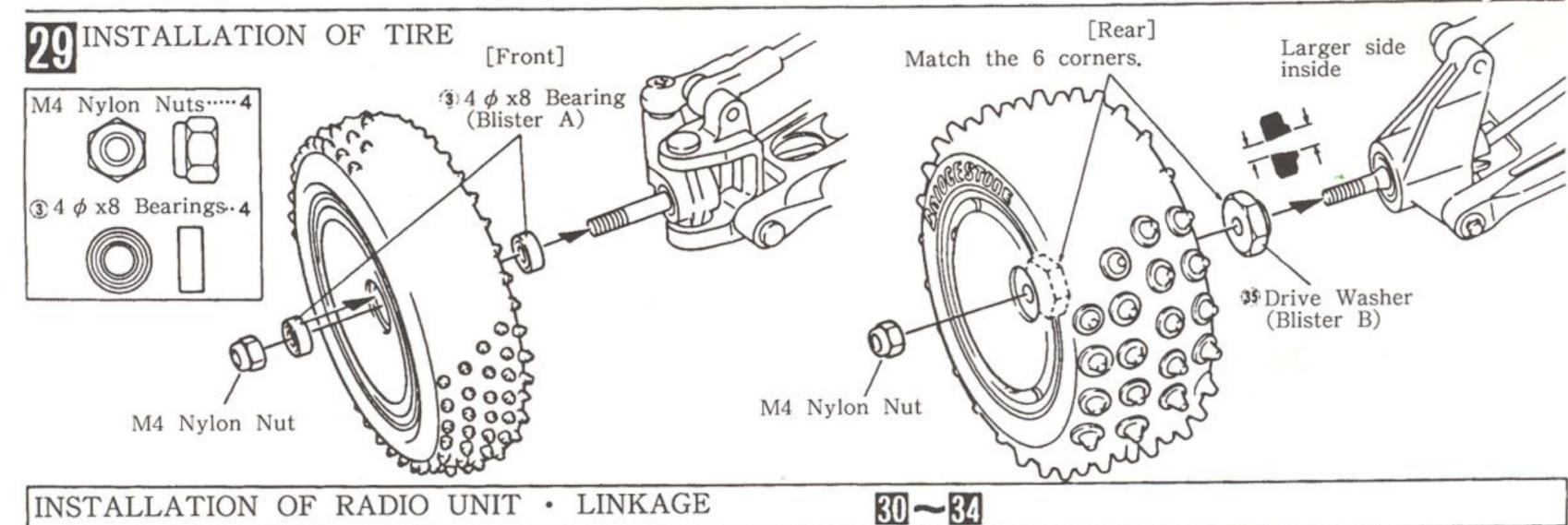














*Operate the radio control units in order of the neumerical figures. A two channel radio is composed of things like a transmitter, receiver, servos, and battery.

*Transmitter---- It is in effect a control box. Signal waves are transmitted through an antenna according to the stick movements.

*Receiver ---- Receives the signals from the transmitter and send them to the servos.

They really 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

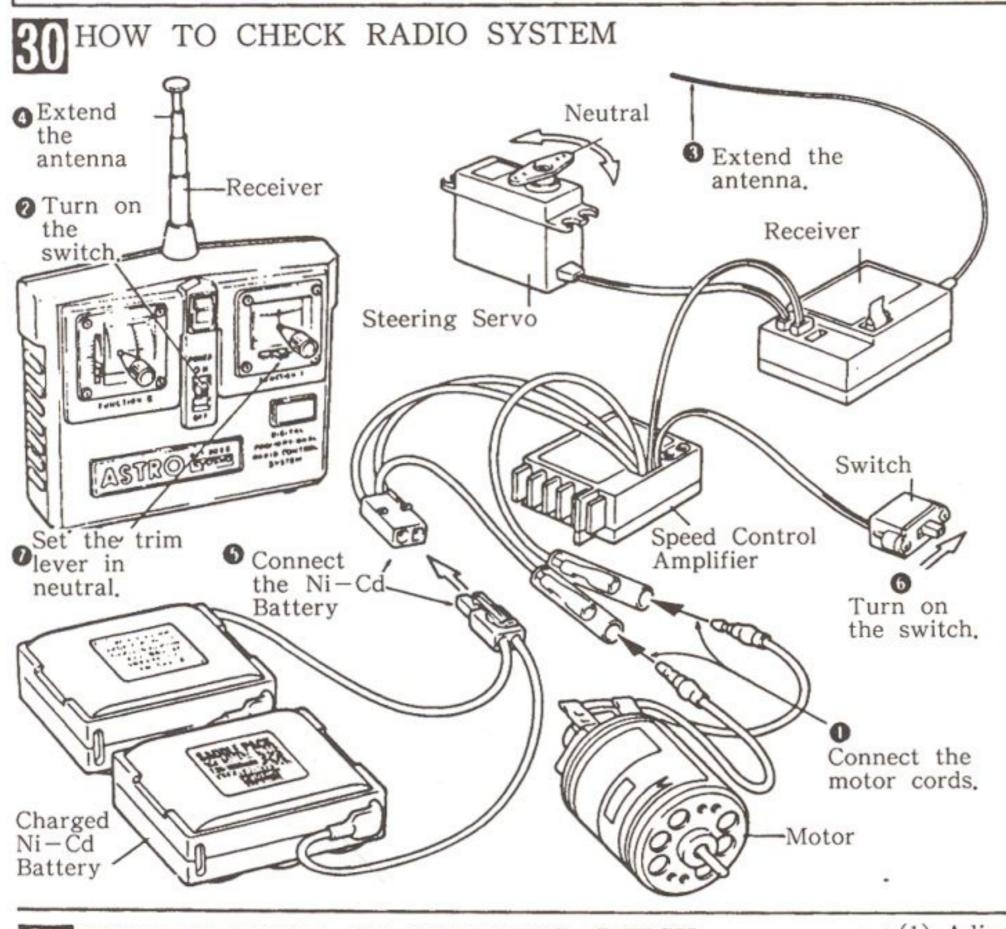
*Trim Lever---- They will adjust the neutral position of servos, thus regulate the steering and advancing controls finely.

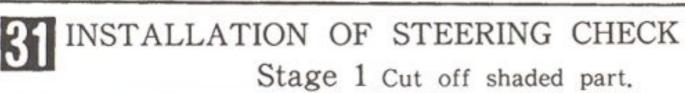
*Battery You can tell the amount of electricity in a battery and how the signals are emitted.

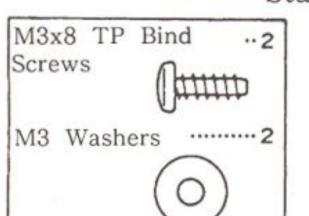
*Servo ----- They are intermediate devices on the servos to activate the controls. There are several types in shape. They should be selected depending upon the usage.

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

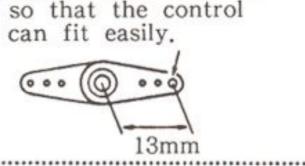
When switch off the radio... In order from receiver to transmitter.

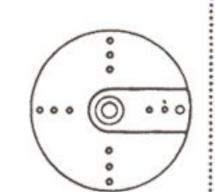


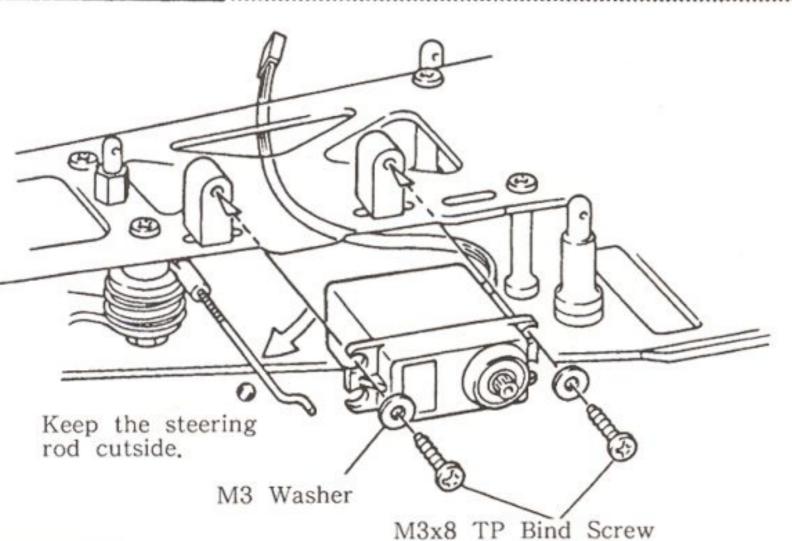




Enlarge the hole with an awl so that the control rod can fit easily.

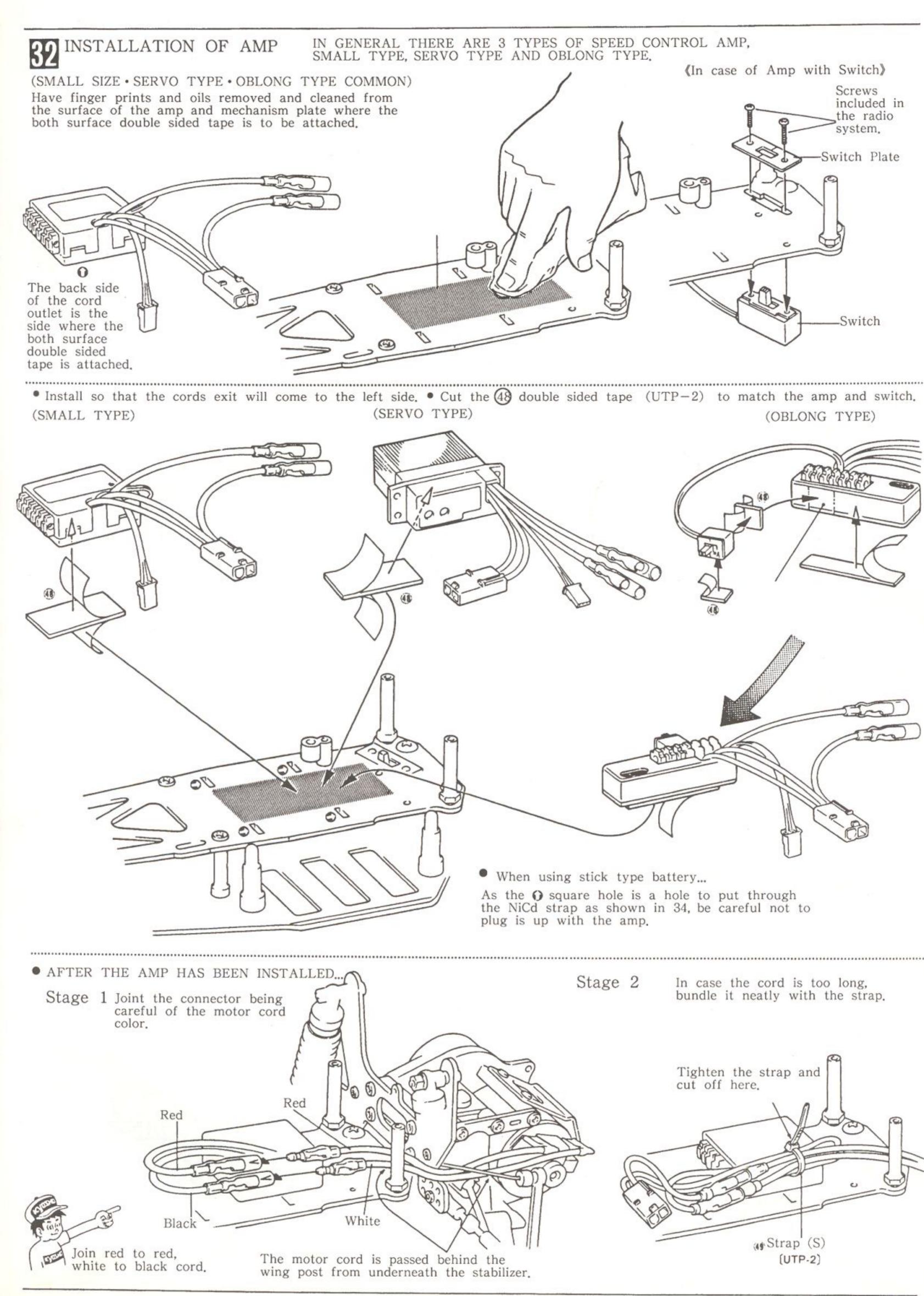


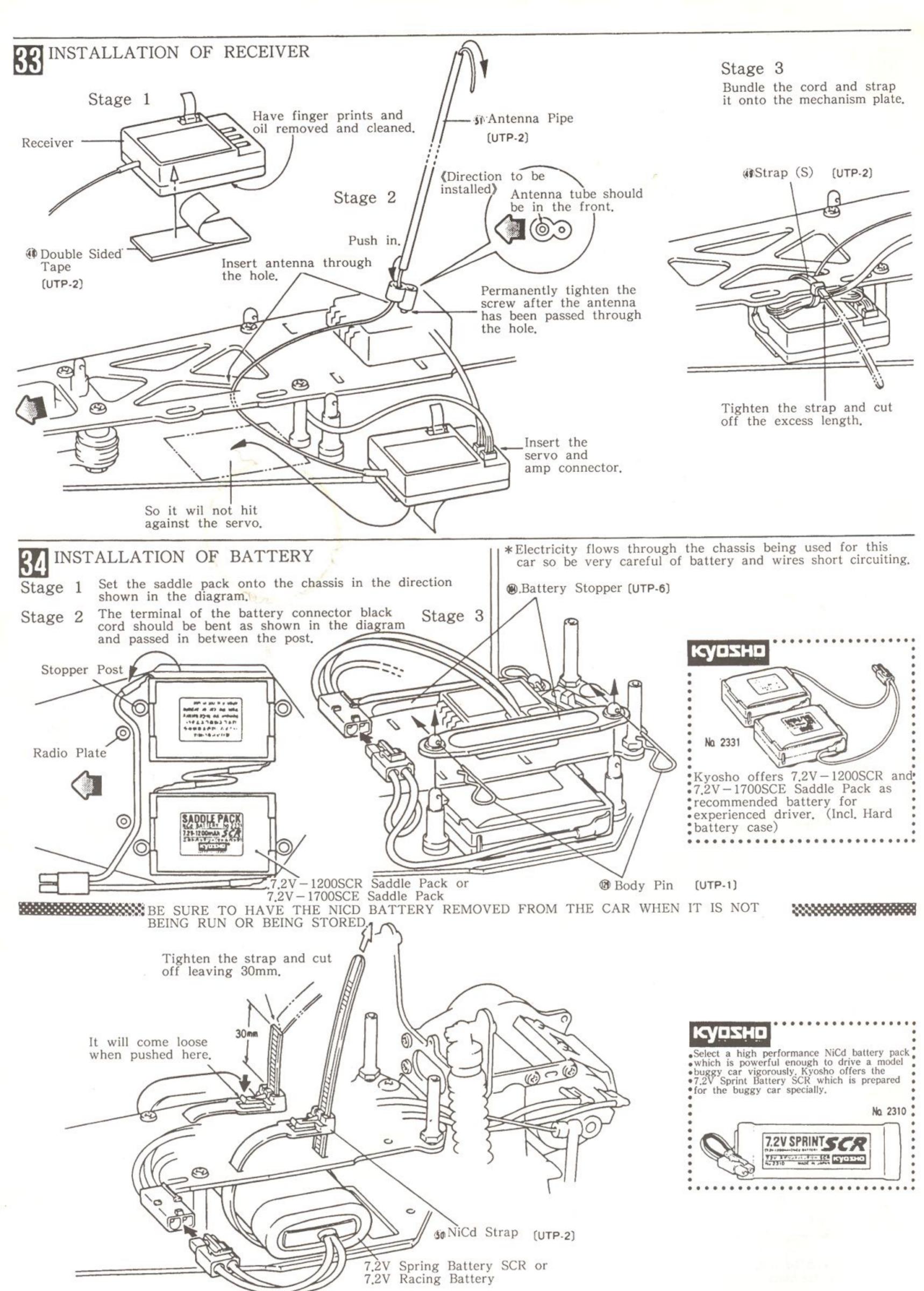


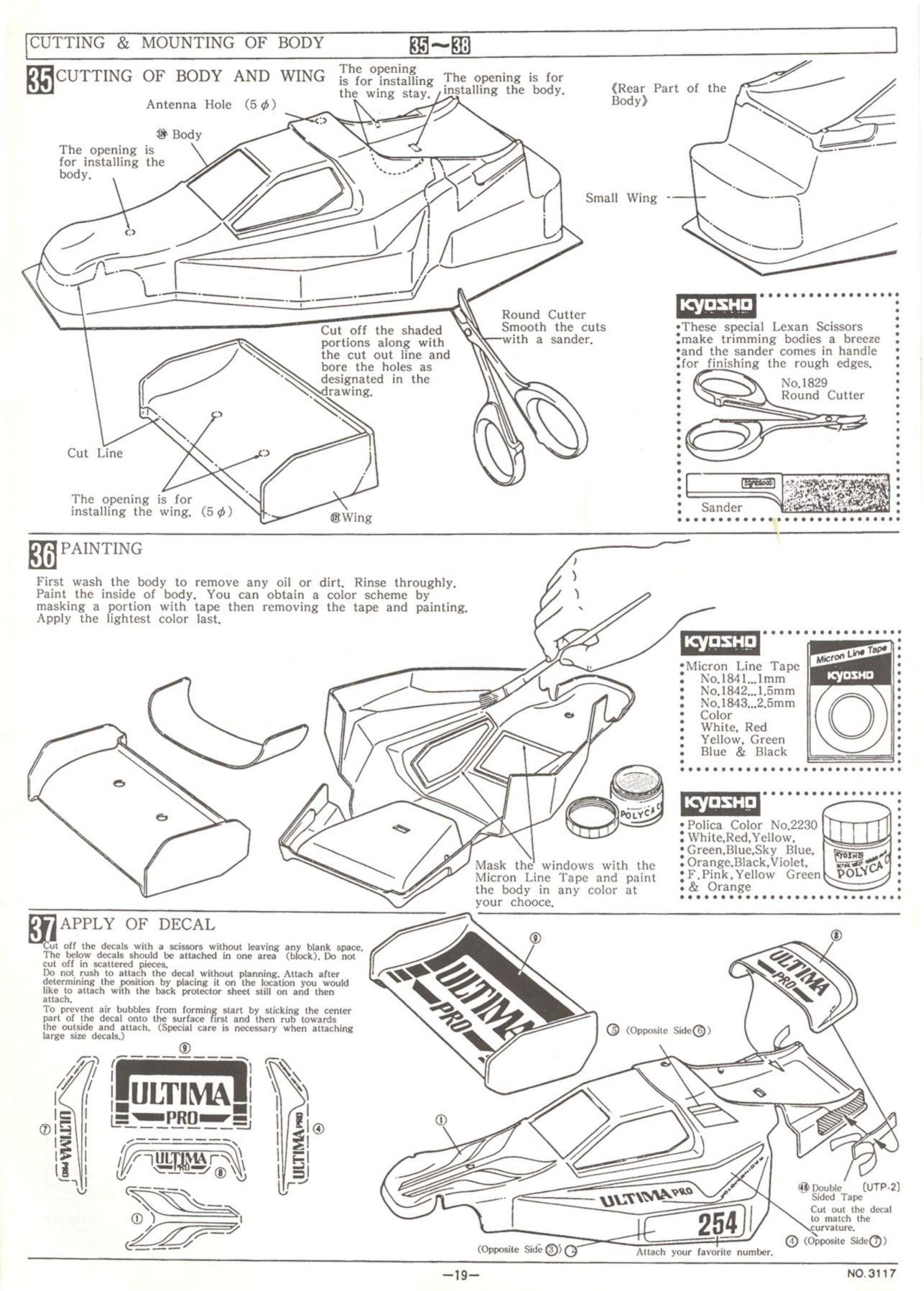


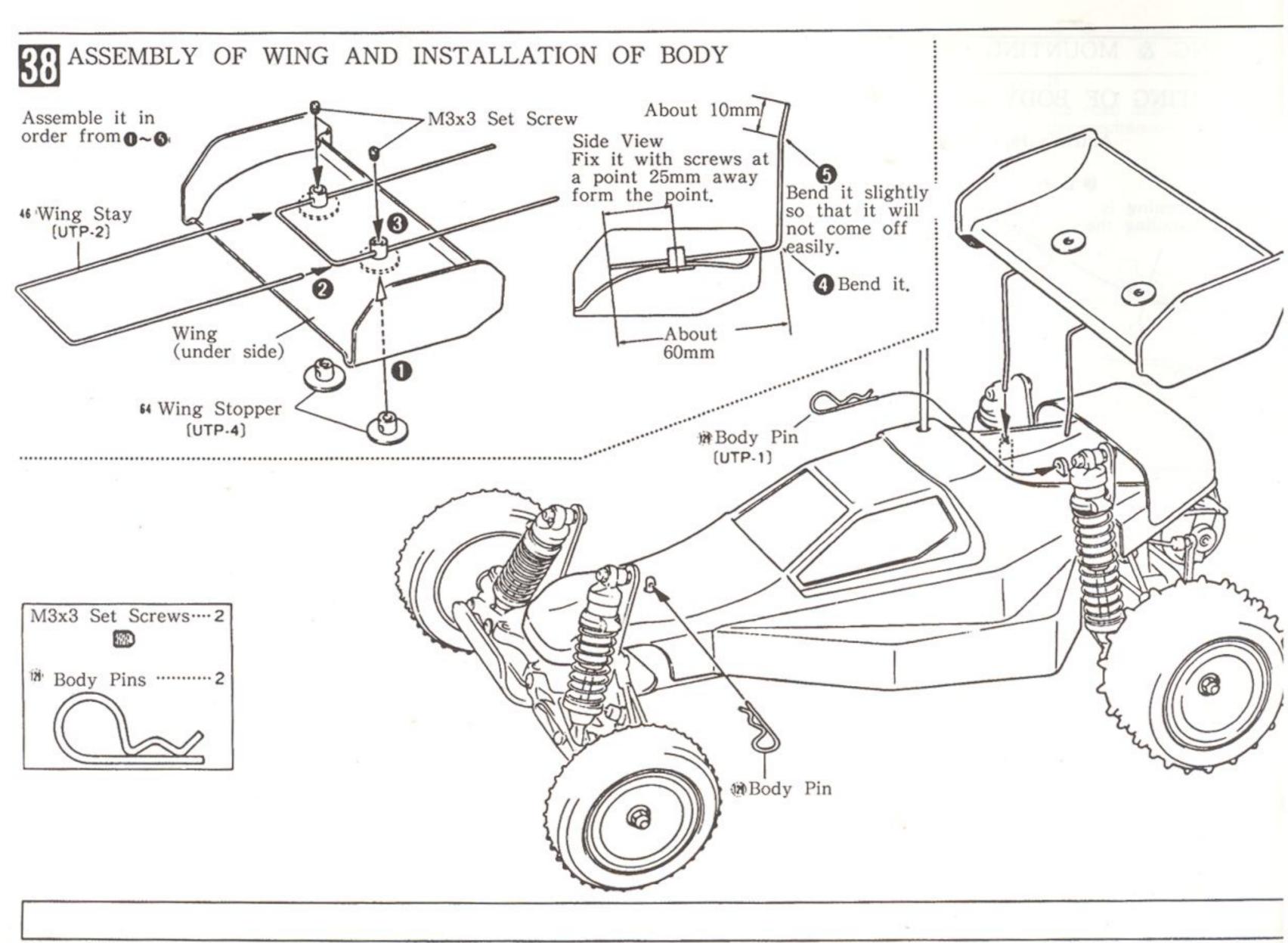
(1) Adjust servo by moving back and forth. (2) Adjust by screwing Servo Horn in or out the rod. Use the screw provided with your radio units.

When the servo horn is in the neutral position, adjust with (1) or (2) so it will become A=B. If ok permanently tighten. Neutral



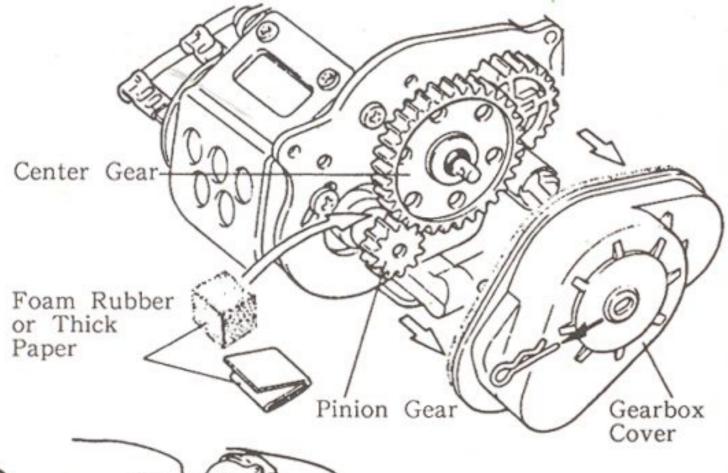






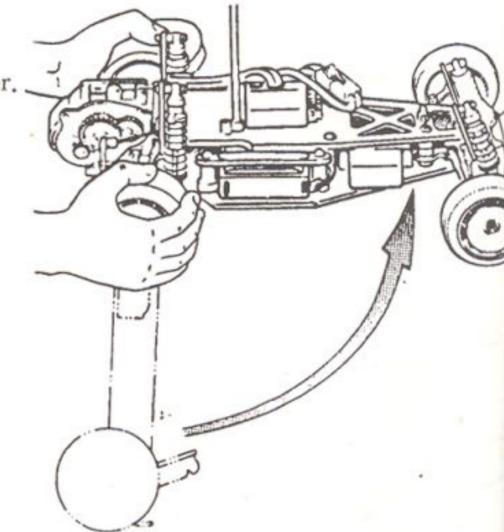
[Adjustment of Ball Differential after Assembly] The ball differential gear has been adjusted as shown at the left column. But after the assembly, take a look in the following ways if the cap screw is tightened properly.

Remove the gearbox cover first, then put a piece of foam rubber of thick paper between the center gear and the pinion gear to lock them.



Hold the rear wheels with your both hands and raise the model vertically.

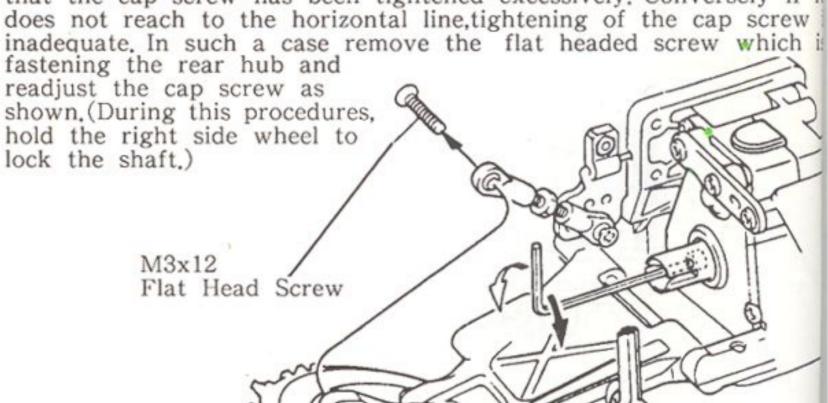
Swing the model car upward by holding the rear wheels. The best adjusted model will be raised to become horizontal and not farther.



* Disassemble

only the lef side rera hu

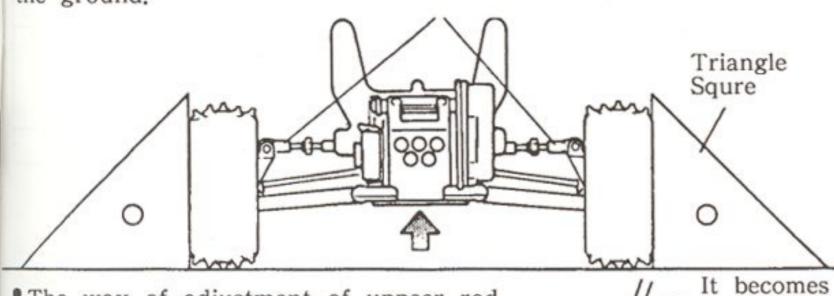
If the model goes up beyond the horizontal position, it indicates that the cap screw has been tightened excessively. Conversely if it does not reach to the horizontal line, tightening of the cap screw



SETTING GUIDE (1)

[Basic Setting 1]

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.

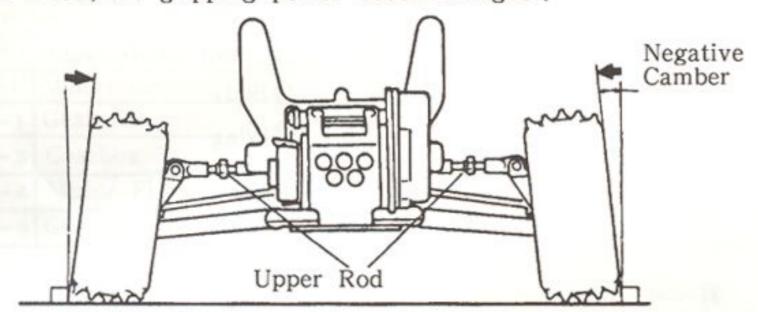


The way of adjustment of uppeer rod.

longer As same as tie rod, it can be adjusted in the way right picture. It becomes

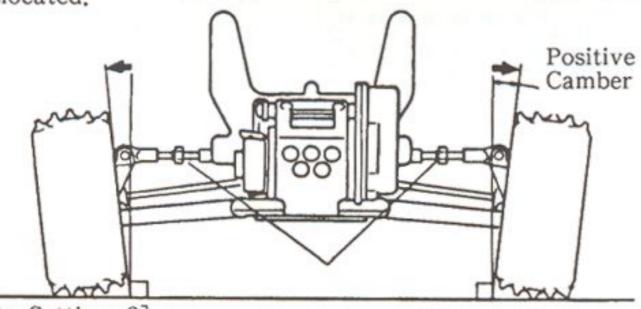
By adjusting the upper rod shorter, you will have a trait of negative camber. With negative camber adjustment on the front wheels, you will have sharper steering tendency, while on the rear wheel, the gripping power becomes higher.

shorter



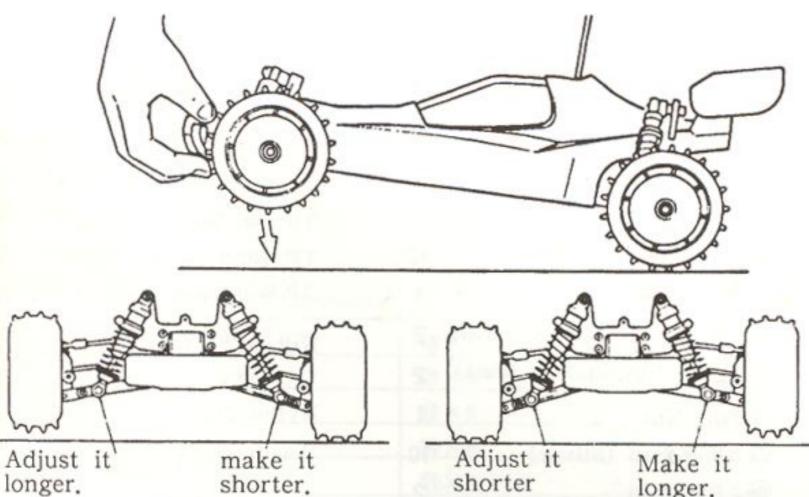
• By lengthening the upper rod, positive camber adjustment is gained. With positive camber on the front wheels, you will have a trait of under steering, while on the rear wheel you will have the car with over steering traits.

*Excessive positive camber adjust may make the swing shaft dislocated.



[Basic Setting 2]

Adjust the right and left shocks in such a way that both sides of the front wheels will touch down the ground simultaneously when raising the front portion of the model and lowering it down gently. In the case the right and left side wheels land not in the same instant, the steeerage of each wheel will differ.



longer.

The length of the shock is shortened. adjustment.

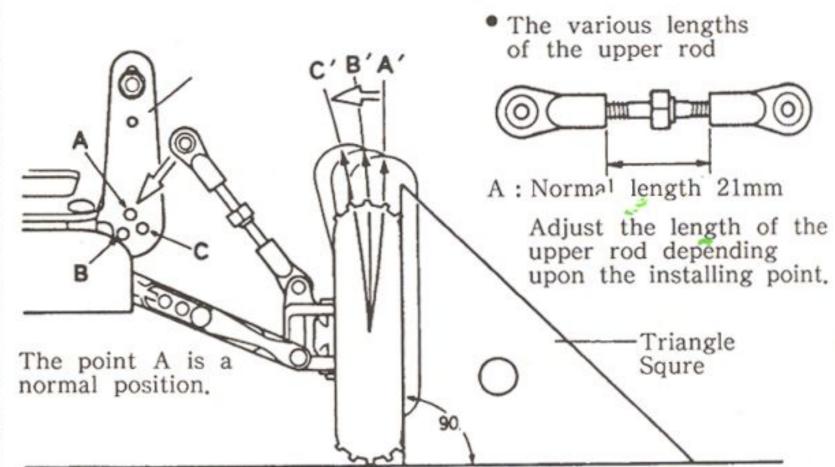
Shock End

Turn the shock end in or out for the

It become longer.

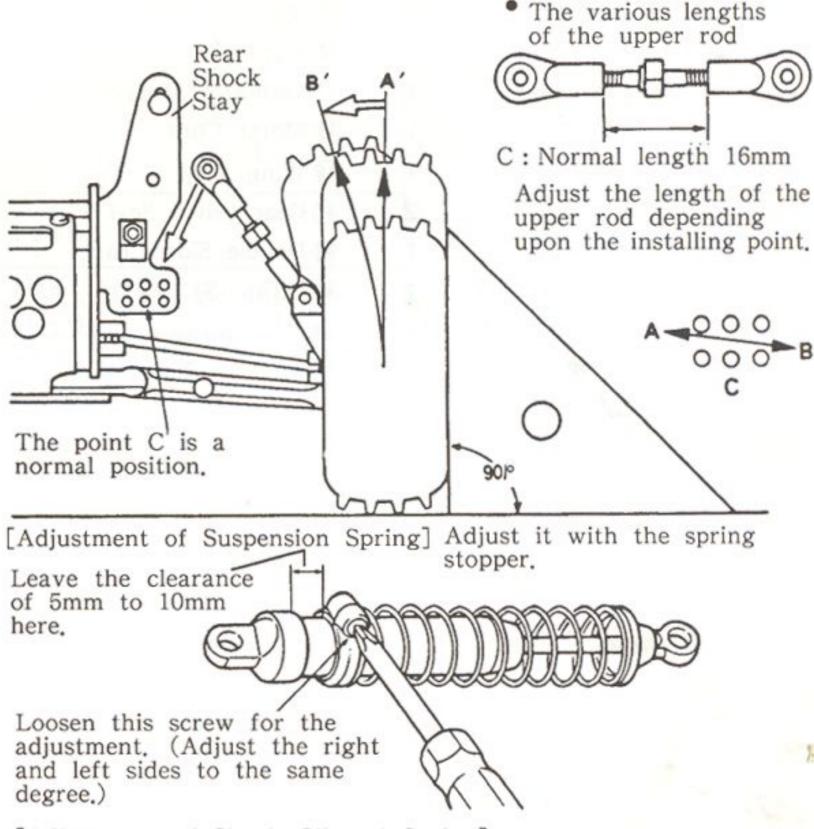
[Correlation between instsalling Position of Front Upper Rod and Camber Angle]

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 suspension arms swing down to the lowest position.



[Correlation between installing position of the Rear Upper Rod and Camber Angle]

The installing points A and B on the upper rod plate will result in the positions of the rear camber angle A' and B' when the rear suspension, arms sink the most.



[Adjustment of Shock Oil and Spring]

Front(With lighter shock oil With less spring tension Quicker steering response

Front (With heavier shock oil With more spring tension) - Slower steering response

With lighter shock oil
With less spring tension

With heavier shock oil With more spring tension

[Adjustment of Hardness of Shock Action] *Take this chart just as general indication.

No.1951 Oil Set	Yellow	Green	Yellow	Red	Green	Red
Piston	50	50)	503	50)	503	503
Hardness	H	arder			Softer	

SETTING GUIDE (2)

[When inserting Shim for Ball Differential adjustment...] With the torque keeper side facing up, disassemble up to the extentas shown in the diagram. Depending on the amount of play, add one or two shims in the location shown in the diagram and assemble it back to the original form. Stage 1 Remove the torque keeper. Hex Key (2mm) Torque Keeper (M2,6x15 Cap Screw) $8 \phi x 12$ Adjustor Shim (UTP-1) *Leave the torque keeper in this condition. As there are small Stabilize with parts inside, do not hex Key or pull out. (-) screw driver.

[Relation between Gear Ratio and the Motor]

Pinion Gear (No,of Teeth)	15 T	16 T	17 T	18 T	19 T	20 T	21 T	22 T	23 T	24 T	25 T
Gear Ratio	11.1	10.4	9.8	9.2	8.7	8.3	7.9	7.5	7.2	6.9	6.6
Proper		Le N SPA			d 240	T					
Motor			Le	Mans	s 240	ST, I	1240S		<u> </u>		
						Le	Mans	3600	GOLD)	

MEMO	

PARTS LIST

Key # Parts Name	Q'ty K	Key # Parts Name	Q'ty	Key # Parts Name Q	'ty	Key # Parts Name Q't	у
① Front Shock Stay	1	(Comparison (L)	1	Rear Suspension Shaft (B	2	@Center Rod	1
Rear Shock Stay	1	(I) Gearbox (R)	1	Stabilizer Ball	2	Motor Guard joint	1
③ 4 φ x8 Bearing	6	Stabilizer Link (L)	2	(Adjust Ball	4	₩ Body	1
(4) $5 \phi \times 10$ Bearing	6	(3) Stabilizer Link (S)	2	32 Sponge Cap	1	(2) Wing	1
© Center Gear collar	1	Stabilizer Stopper	2	Motor Guard Plate	1	(ii) Front Tire	2
Motor Guard	1	Motor Cord	1	Servo Saver Spring	1	@Rear Tire	2
7 Motor Plate	1	Wing Stay	· 1	§ Front Bulk Head	1	@Main Frame	1
® 8 φ x 14 Bearing	2	Gear Cover Seal	· 1	Rear Axle Stopper	1	(B) Decal	1
⑤ ⑤ Differential Body	1	Double Sided Tape	· 1	Rear Bulk Head	1	ME Ring (E3) (Black)	% 2
♠ Differential Shaft (A)	1	(9) Strap (S)	.2	Gear Cover	1	ME Ring (E4)	* 1
On Differential Shaft (B)	1	30 NiCd Strap	.2	Bumper	1	Mr Hook Pin	* 1
OPPressure Plate	2	(5) Antenna Pipe	- 1	Front Hub	2	(B) Body Pin	* 6
◎ ③ 8 φ x10 Collar	1	52 Shock Oil (Green)	:1	nRear Hub	2	Hex Key (1.5mm)	1
Torque keeper M2.6x15 Cap Screw	1	3 Screw Cement (Lock	tite) · 1	Knuckle Arm (L)	1	(1) Hex Key (2mm)	1
⑤ ① Tapered Washer	4	Silicon Grease	- 1	Mnuckle Arm (R)	1	®Hex Key (2.5mm)	1
O 16 Differential Ball	10	33 Condensor	1	Servo Saver (A)	1	(1) Body Hook	1
◎ ① Thrust Ball	8	36 Rear Wheel	2	Servo Saver (B)	1	Bind Screw M2,6x6	8
◎ ® Thrust Washer	2	(5) Front Wheel	2	Servo Saver (C)	1	" M3x6	11
• 19 Front Shock Shaft	2	30 Pinion Gear (20T)	· 1	D Servo Saver (D)	1	" M3x18	2
• 20 Rear Shock Shaft	2	(3) Center Gear Shaft	- 1	Servo Saver Collar	2	" M3x35	- 1
• 2) Front Shock Case	.2	60 Counter Gear Shaft	- 1	Gearbox Hatch	1	" M3x45	2
• 22 Rear Shock Case	.2	(i) 2 φ x11 Pin	* 1	MM3 Plastic Nut → Nut	* 4	Round Head ScrewM2x1	02
• 2 Front Shock Spring	.2	62 Front Wheel Shaft	.2	●Servo Stay	× 2	" M3x33	1
• Rear Shock Spring	.2	6 Servo Saver Shaft	.2	€ Shock Collar	.4	Flat Head Screw M2.6x1	26
• 25 Spring Holder	.4	Wing Stopper	.2	M Antenna Post	. 1	" M3x6	4
Shock Cap	.4	63 Radio Plate Post	.2	(M) Battery Stopper	.2	" M3x15	12
• n Spring Stopper	.4	€ 3 φ x32 Adjust Rod	. 4	(M) Stopper Post	.4	" M4x8	8
• 28 Shock End	.4	3 φ x50 Adjust Rod	.2	Stopper Washer (Thiner one	2	" M4x12	200
• 29 E Ring (E2.5)	%16	5.8 φ Ball (Black)	6	(m) Stopper Washer (Thicker one		Thruss Screw M4x8	4
3 Final Pinion	1	(9 O Ring (P3 · Black)		₩ Ball End (L)		TP Bind Screw M3x8	11
(1) Center Gear	1	10 Motor Guard Collar	2	Ball End (S)	1	TP Round Head Screw M3x18	1
3 Counter Gear	1	1 Shock Piston	4	Front Sus.Shaft(A) (Silver)	2	Not MOG (O binds)	10
3 Swing Shaft	2	3 Shock Collar (White)		(II) Front Sus.Shaft(A) (Black)		Nut M2.6 (3 kinds) " M3	8
3 Wing Post	2	3 Shock Collar (Black)		® Ball Nut	1	Nylon Nut	4
3 Drive Washer	2	1 Pressure Top	4	1 5.8 φ Ball (Silver)	10	Washer M3	2
36 Rear Wheel Shaft	2	TO Ring (P3 · Red)	8	1 4.8 φ Ball	2	" M4	2
Front Suspension Arm	2	TO Ring	*4	Front Sus. Shaft (B)	2	" $\phi 8x12$	2
38 Rear Suspension Arm	2	Tront Stabilizer	1	® king Pin	2	Set Screw M3x3	5
39 Radio Plate	1	78 Rear Stabilizer	1	(1) Steering Rod	1	" M4x4	1
			7				

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 that part whith the manual.

Then consult out parts pack guide below. When referring to the parts you need, always use the Parts Pack Number. For example, if you need a Center Gear Shaft (Key #59) ask your dealer for Kyosho Parts Pack UM-5 (Gear Shaft Set).

O.T C	Swing Shaft	@ V 2
	Swing Shaft	
	Rear Shaft	% ×2
	Drive Washer	③ × 4
77	O Ring	€ ×10
	5,8 φ Ball	⑩ ×10
	Ball Nut (M2.6)	®×10
	Silicon Grease	99×1
	E Ring (E2,5)	20×10
	Wing Stay Set	⊕×1
	Low Profile Tire	@×2
	Hard Final Pinion	® × 1
OT-79	Motor Cord Set	⊕×1 Set
	5.8 φ Ball (Black2.6Hole)	₹®×10
O T -107	Wing	®×1
O T W-9	Plastic Parts Set	® ® ® ×2 ⊗×4
MA-17	Wheel Set	% ×4
UM-1	Gear Set	ᡚ×1
UM-3	Gearbox	● ●×1
UM-4	Motor Plate	①×1
UM-5	Gear Shaft Set	⑨ ⑩×1 ⑪×2
UM-7	Suspension Shaft Set	②10 10 10 10 × 2
	Front Shaft Set	€2 ®×2
	Rod Set	10 10 X1 10 X2
	Up Light Set	10 10 × 1 10 10 × 2
	Bulk Head Set	① ② ② ② ② ③ × 1
UM-13	Suspension Arm Set	1) (1) × 2
UM-14	Servo Saver Set	86 99 99 99 99 99 × 1
UM-21	Front Bumper	18 × 2
	Special Shock Stay	
	Motor Guard	① ② X 1
	Stabilizer Set	(I)
	Body (Ultima Pro)	⊕ ⊕ ×1 ⊕ ⊕ ⊕ ⊕ ⊛ ×2 ⊕ ×4
	Chassis	(9) X 1
		(b) × 1
	Unner Plate	A 6 V 1
UM-38	Upper Plate Front Wheel Set (Vellow)	®×1
UM-38 UM-39	Front Wheel Set (Yellow)	®×2
UM-38 UM-39 UM-40	Front Wheel Set (Yellow) Decal (Ultima Pro)	
UM-38 UM-39 UM-40	Front Wheel Set (Yellow)	
UM-38 UM-39 UM-40 UM-41	Front Wheel Set (Yellow) Decal (Ultima Pro)	① × 2 ② × 1 Screw, Nut & Hex Key Set ② ① ① ① ② ② × 1 ② ① × 2
UM-38 UM-39 UM-40 UM-41 W-0109	Front Wheel Set (Yellow) Decal (Ultima Pro) Screw Set (Ultima Pro) Ball Diff.	① × 2 ② × 1 Screw, Nut & Hex Key Set ② ① ① ① ② ② X 1 ② ② X 2 ③ X 4 ① X 8 ① X 10
UM-38 UM-39 UM-40 UM-41 W-0109	Front Wheel Set (Yellow) Decal (Ultima Pro) Screw Set (Ultima Pro) Ball Diff. Special Spur Gear	① × 2 ③ × 1 Screw, Nut & Hex Key Set ① ① ① ① ② ② × 1 ② ③ × 2 ③ × 4 ① × 8 ① × 10 ① × 1
UM-38 UM-39 UM-40 UM-41 W-0109	Front Wheel Set (Yellow) Decal (Ultima Pro) Screw Set (Ultima Pro) Ball Diff.	① X 2 ③ X 1 Screw, Nut & Hex Key Set ① ① ① ① ② ② X 1 ② ① X 2 ③ X 4 ① X 8 ⑥ X 10 ① X 1 ① X 2 ⑥ ⑥ X 4 ① X 8 ⑥ X 12
UM-38 UM-39 UM-40 UM-41 W-0109 W-0110 W-5005	Front Wheel Set (Yellow) Decal (Ultima Pro) Screw Set (Ultima Pro) Ball Diff. Special Spur Gear	① × 2 ② × 1 Screw, Nut & Hex Key Set ② ① ① ① ② ② × 1 ② ③ × 2 ③ × 4 ① × 8 ① × 10 ① × 1
UM-38 UM-39 UM-40 UM-41 W-0109 W-0110 W-5005	Front Wheel Set (Yellow) Decal (Ultima Pro) Screw Set (Ultima Pro) Ball Diff. Special Spur Gear Special Rod Set	① × 2 ③ × 1 Screw, Nut & Hex Key Set ① ① ① ① ② ② × 1 ② ③ × 2 ③ × 4 ① × 8 ⑥ × 10 ① × 1 ① × 2 ⑥ ⑥ × 4 ⑩ × 8 ⑥ × 12 ① ② ② ② ② ② ② ② ② ② ② ② ② ② ② ② ② ② ②
UM-38 UM-39 UM-40 UM-41 W-0109 W-0110 W-5005 W-5001	Front Wheel Set (Yellow) Decal (Ultima Pro) Screw Set (Ultima Pro) Ball Diff, Special Spur Gear Special Rod Set Pressure Shock (S)	①×2 ③×1 Screw,Nut & Hex Key Set ①①①①①②②×1 ②①×2 ①×4 ①×8 ①×10 ①×1 ①×2 ⑥⑥×4 ①×8 ⑥×12 ①②②②②②②②②①②③③② ②②②③②②②②②②②②②②②②
UM-38 UM-39 UM-40 UM-41 W-0109 W-0110 W-5005 W-5001	Front Wheel Set (Yellow) Decal (Ultima Pro) Screw Set (Ultima Pro) Ball Diff. Special Spur Gear Special Rod Set Pressure Shock (S) Pressure Shock (L) Front Tire S-H (Pin Spike, · Hard Compound)	②×2 ③×1 Screw,Nut & Hex Key Set ③ ① ① ① ① ② ② × 1 ② ③ × 2 ③×4 ①×8 ⑥×10 ①×1 ⑥×2 ⑥ ⑥ × 4 ⑥ × 8 ⑥ × 12 ① ② ② ② ② ② ② ② ② ② ② ② ② ② ② ② ② ② ②
UM-38 UM-39 UM-40 UM-41 W-0109 W-0110 W-5005 W-5001 W-5002	Front Wheel Set (Yellow) Decal (Ultima Pro) Screw Set (Ultima Pro) Ball Diff. Special Spur Gear Special Rod Set Pressure Shock (S) Pressure Shock (L) Front Tire S-H	①×2 ⑤×1 Screw,Nut & Hex Key Set ①①①①①②②X1 ①×4 ①×8 ⑥×10 ①×1 ①×2 ②②②②②②②②②②②②②②② ② ③ ©×4 ②②③③③②②②③①②③③③ ©×2 ②③③③×4 ②②③③③③②②③①②③③③③ ©×2 ③③③ ©×2 ③×1
UM-38 UM-39 UM-40 UM-41 W-0109 W-0110 W-5005 W-5001 W-5002 W-5074	Front Wheel Set (Yellow) Decal (Ultima Pro) Screw Set (Ultima Pro) Ball Diff, Special Spur Gear Special Rod Set Pressure Shock (S) Pressure Shock (L) Front Tire S-H (Pin Spike, Hard Compound) Double Sided Tape	 ②×1 Screw, Nut & Hex Key Set ③ ④ ① ① ④ ② × 1
UM-38 UM-39 UM-40 UM-41 W-0109 W-0110 W-5005 W-5001 W-5002 W-5074	Front Wheel Set (Yellow) Decal (Ultima Pro) Screw Set (Ultima Pro) Ball Diff. Special Spur Gear Special Rod Set Pressure Shock (S) Pressure Shock (L) Front Tire S-H (Pin Spike, Hard Compound) Double Sided Tape Hook Pin Strap (S)	①×1 Screw,Nut & Hex Key Set ①①①①①②②×1 ②②×2 ③×4 ①×8 ⑥×10 ①×1 ①×2 ⑥⑥×4 ①×8 ⑥×12 ①②③③②②①①②③③×2 ②①③×4 ②②②③③②②①①②③③×2 ①①③%×4 ②×2 ④×1 ⑥×5 ⑥×6
UM-38 UM-39 UM-40 UM-41 W-0109 W-0110 W-5005 W-5001 W-5002 W-5074 1 8 4 0 E P-22 E F-37 E F-39	Front Wheel Set (Yellow) Decal (Ultima Pro) Screw Set (Ultima Pro) Ball Diff, Special Spur Gear Special Rod Set Pressure Shock (S) Pressure Shock (L) Front Tire S-H (Pin Spike, Hard Compound) Double Sided Tape Hook Pin Strap (S) NiCd Strap	①×2 ②×1 Screw,Nut & Hex Key Set ①①①①②②X1 ①×2 ③×4 ①×8 ⑥×10 ①×1 ①×2 ⑥⑥×4 ②②②③②②②①①②③③ ②×2 ②①③ ②×4 ②◇②③③②②②①①②③③ ②×2 ③○③ ③×4 ②×2 ④×1 ⑤×5 ④×6 ⑤×6
UM-38 UM-39 UM-40 UM-41 W-0109 W-0110 W-5005 W-5001 W-5002 W-5002 W-5074 1 8 4 0 E P-22 E F-37 E F-39 S D-79	Front Wheel Set (Yellow) Decal (Ultima Pro) Screw Set (Ultima Pro) Ball Diff. Special Spur Gear Special Rod Set Pressure Shock (S) Pressure Shock (L) Front Tire S-H (Pin Spike, Hard Compound) Double Sided Tape Hook Pin Strap (S) NiCd Strap Antenna Pipe	①×2 ②×1 Screw,Nut & Hex Key Set ②①①①②②X1 ②×4 ①×8 ③×10 ①×1 ①×2 ②③X4 ①×3 ③×4 ②②③③X4 ②×2 ②③X4 ②×4 ②×2 ④×1 ⑥×5 ④×6 ⑤×6 ⑤×5
UM-38 UM-39 UM-40 UM-41 W-0109 W-0110 W-5005 W-5001 W-5002 W-5002 W-5074 1 8 4 0 E P-22 E F-37 E F-39 S D-79 C B-72	Front Wheel Set (Yellow) Decal (Ultima Pro) Screw Set (Ultima Pro) Ball Diff. Special Spur Gear Special Rod Set Pressure Shock (S) Pressure Shock (L) Front Tire S-H (Pin Spikeo · Hard Compound) Double Sided Tape Hook Pin Strap (S) NiCd Strap Antenna Pipe E Ring (E3)	①×2 ⑤×1 Screw,Nut & Hex Key Set ② ① ① ① ② ② ② × 1 ② ① × 2 ①×4 ① × 8 ① × 10 ① × 1 ① × 2 ② ⑥ × 4 ② × 8 ② × 12 ① ② ② ② ② ② ② ② ② ② ② ② ② ② ② ② ② ② ②
UM-38 UM-39 UM-40 UM-41 W-0109 W-0110 W-5005 W-5001 W-5002 W-5002 W-5074 1 8 4 0 E P-22 E F-37 E F-39 S D-79 C B-72 K C-20	Front Wheel Set (Yellow) Decal (Ultima Pro) Screw Set (Ultima Pro) Ball Diff. Special Spur Gear Special Rod Set Pressure Shock (S) Pressure Shock (L) Front Tire S-H (Pin Spikeo · Hard Compound) Double Sided Tape Hook Pin Strap (S) NiCd Strap Antenna Pipe E Ring (E3) E Ring (E4)	①×2 ③×1 Screw,Nut & Hex Key Set ①①①①①②②×1 ②①×2 ③×4 ①×8 ⑥×10 ①×1 ①×2 ⑥⑥×4 ①×8 ⑥×12 ①②②②②②②②①①②③③×2 ②②③③③②②②①①②③③×2 ④×1 ⑥×5 ⑥×6 ④×6 ④×5 ⑥×6 ④×5 ⑥×6
UM-38 UM-39 UM-40 UM-41 W-0109 W-0110 W-5005 W-5001 W-5002 W-5002 W-5002 W-5074 1 8 4 0 E P-22 E F-37 E F-39 S D-79 C B-72 K C-20 1 8 8 9	Front Wheel Set (Yellow) Decal (Ultima Pro) Screw Set (Ultima Pro) Ball Diff, Special Spur Gear Special Rod Set Pressure Shock (S) Pressure Shock (L) Front Tire S-H (Pin Spikeo · Hard Compound) Double Sided Tape Hook Pin Strap (S) NiCd Strap Antenna Pipe E Ring (E3) E Ring (E4) Body Pin	 ②×2 ③×1 Screw,Nut & Hex Key Set ③ ① ① ① ② ② × 1 ② ③ × 2 ③ × 4 ① × 8 ⑥ × 10 ④ × 2 ⑥ ⑥ × 4 ⑪ × 8 ⑩ × 12 ① ② ② ② ② ② ② ② ② ② ② ② ② ② ② ② ② ② ② ②
UM-38 UM-39 UM-40 UM-41 W-0109 W-0110 W-5005 W-5001 W-5002 W-5002 W-5002 W-5074 1 8 4 0 E P-22 E F-37 E F-39 S D-79 C B-72 K C-20 1 8 8 9	Front Wheel Set (Yellow) Decal (Ultima Pro) Screw Set (Ultima Pro) Ball Diff. Special Spur Gear Special Rod Set Pressure Shock (S) Pressure Shock (L) Front Tire S-H (Pin Spikeo · Hard Compound) Double Sided Tape Hook Pin Strap (S) NiCd Strap Antenna Pipe E Ring (E3) E Ring (E4)	①×2 ②×1 Screw,Nut & Hex Key Set ①①①①①②②×1 ②①×2 ③×4 ①×8 ⑥×10 ①×1 ①×2 ⑥⑥×4 ①×8 ⑥×12 ①②③③③②②②①①②③③×2 ②③③③③②②②①①②③③×2 ④×1 ⑥×5 ⑥×6 ④×6 ④×5 ⑥×6 ④×5 ⑥×4 ②×4

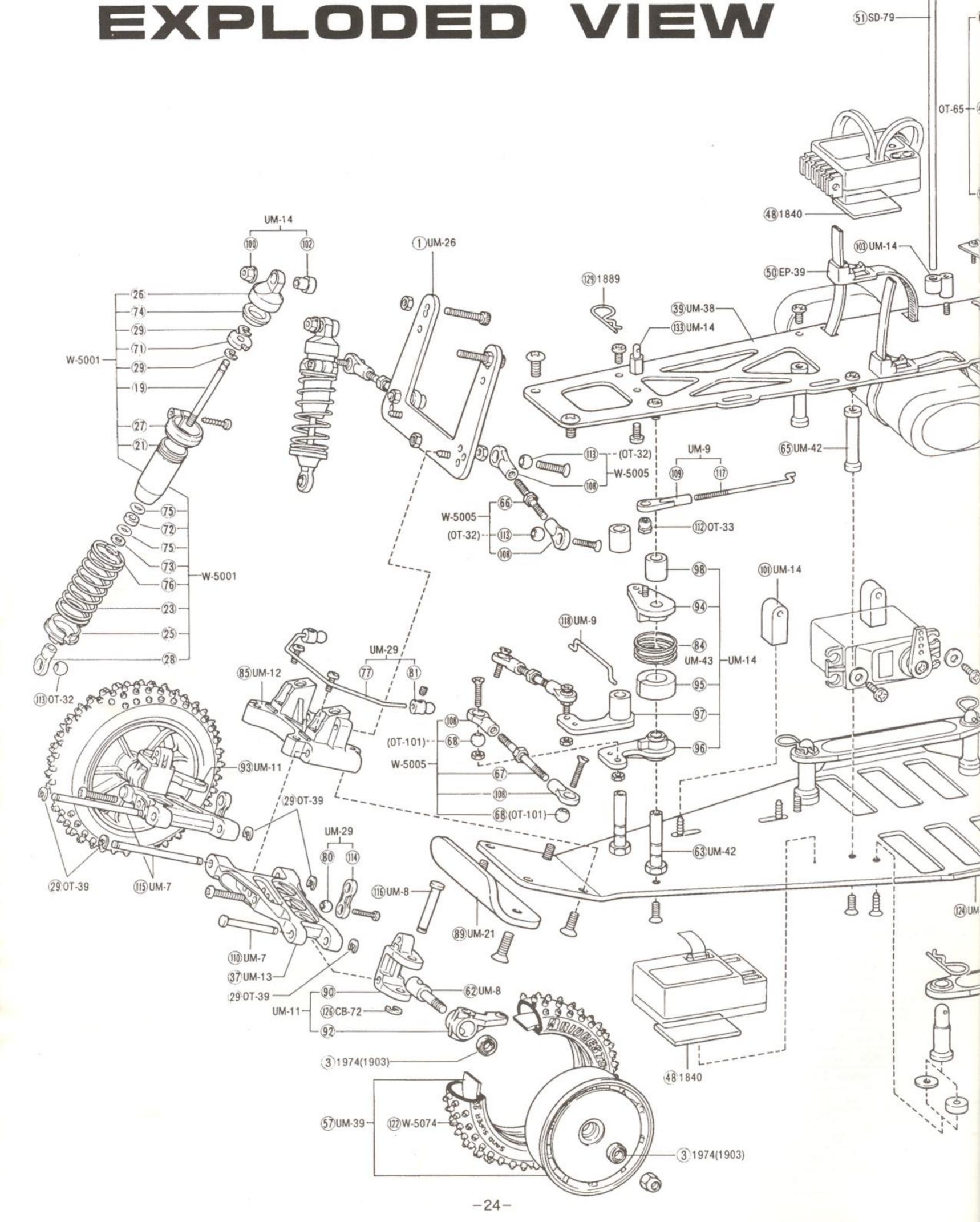
1911	Ball Bearing (8 \phi x14)	®×2
1878	Screw Cement (Locktite)	39
1974	Bearing Set (For Ultima)	③×1 ⑧×2 ③ ⑥×6
UM-42	Saver Shaft Set	麻原×2
UM-43	Servo Saver Strong Ring	€0×2
	OPTIONAL PARTS	
UM-17	Wheel Set	Front • Rear x 2
OT-90	Wheel	One piece type 4pcs.
FD-2	Wheel	"
E F-103	Racing Wire	4 φ Silicon Cord
LM-15	Motor Cooling Plate	For Lemans
R K -15	Low Profile Tire	Rear Tire x 2
1863	Sponsor Sticker	Decal Sponsor Mark
S C -90	Front Tire	
S C -26	"	
1872	Sponge Tire (A)	
1883	Frontier Hobby Oil	30cc.
	Silicon Oil (S)	Viscosity 100SC,200SC x 1 (Same as 1951S)
1954	" (M)	Viscosity 300SC,400SC x 1 (Same as 1951M)
1955	" (H)	Viscosity 500SC,600SC x 1 (Same as 1951H)
1951	Shock Oil (S,M,H)	Soft,Midium,Hard
LM-18		§3)
	Ball Diff, Shaft Plate Set	00 00 00 X 1 00 X 2
WB D-2	Ball Diff. Ball Set	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
WBD-3	Ball Differential (Body)	⑨ ×1 Others x 4
W-5003	Adjustable Shock (S)	
W-5004	Adjustable Shock (L)	
	Low profile Wheel	Silver Plate x 2
W-5022	Narrow Wheel	"
W-5023	Low Profile Wheel (Yellow)	
W-5024	Narrow Wheel (Yellow)	
O T-121	Narrow Wheel	
1875	Front Tire (A)	
W-5031	Low Profile Tire (Hard)	2pcs.
	Low Profile Tire (Soft)	2pcs.
	Narrow Wheel (Pin Typ)	2pcs.
W-5034	Narrow Wheel (Hard)	2pcs.
W-5071	Front Tire M-S	
W-5072	" М-Н	
W-5073	" S-S	Pin Spike Soft Compound 2pcs,
W-5075	Narrow Wheel SS-M	
W-5076	" MH-M	Multi Spike x 2
W-5077	Low Profile Wheel SS-M	
W-5078	" MH-M	Multi Spike x 2
W-5085	Hard Pinion Gear	-Hard: Aluminum
W-5095	(15T-25T)	-Hard Aluminum
W-0111	Special Counter Gear	Strong Type
W-5061	Universal Swing Shaft	39 36
		NO 3117

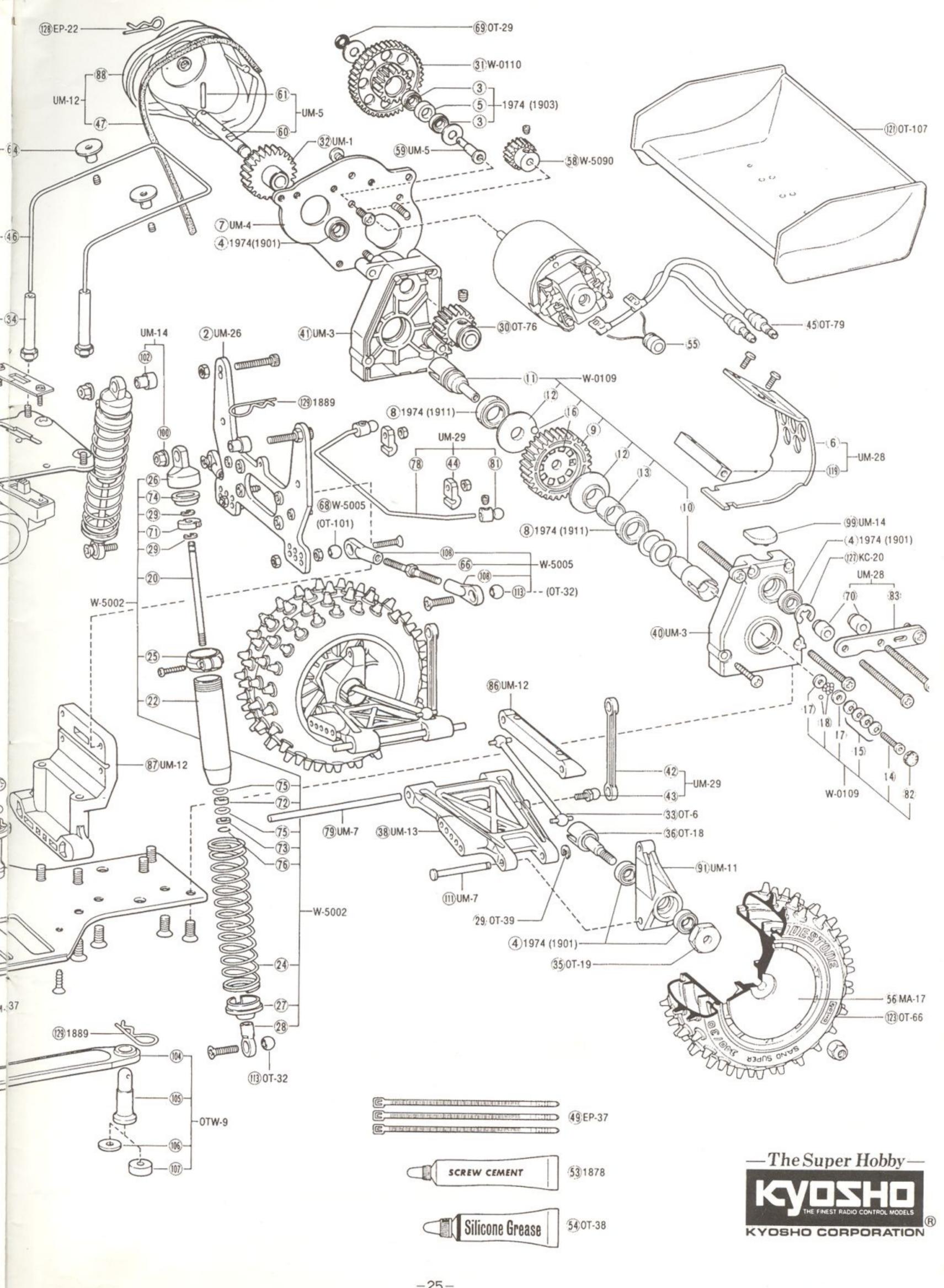
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NO. 3117

ULTIMA PRU

EXPLODED VIEW





-The Super Hobby-



'This products is not to be sold in the United States, If you have purchased this product in the United States, please contact Tom Miller at Kyosho U.S.A. phone number (217) 398-3630.'

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