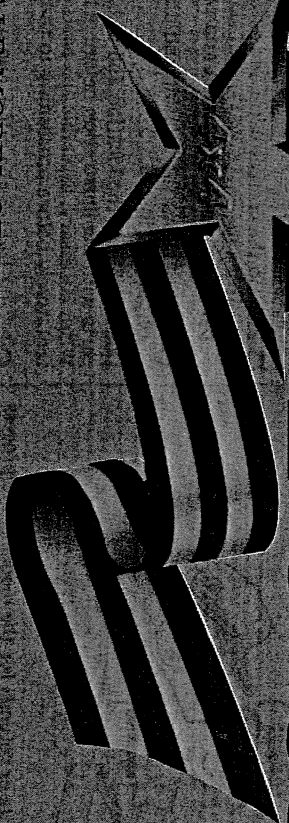
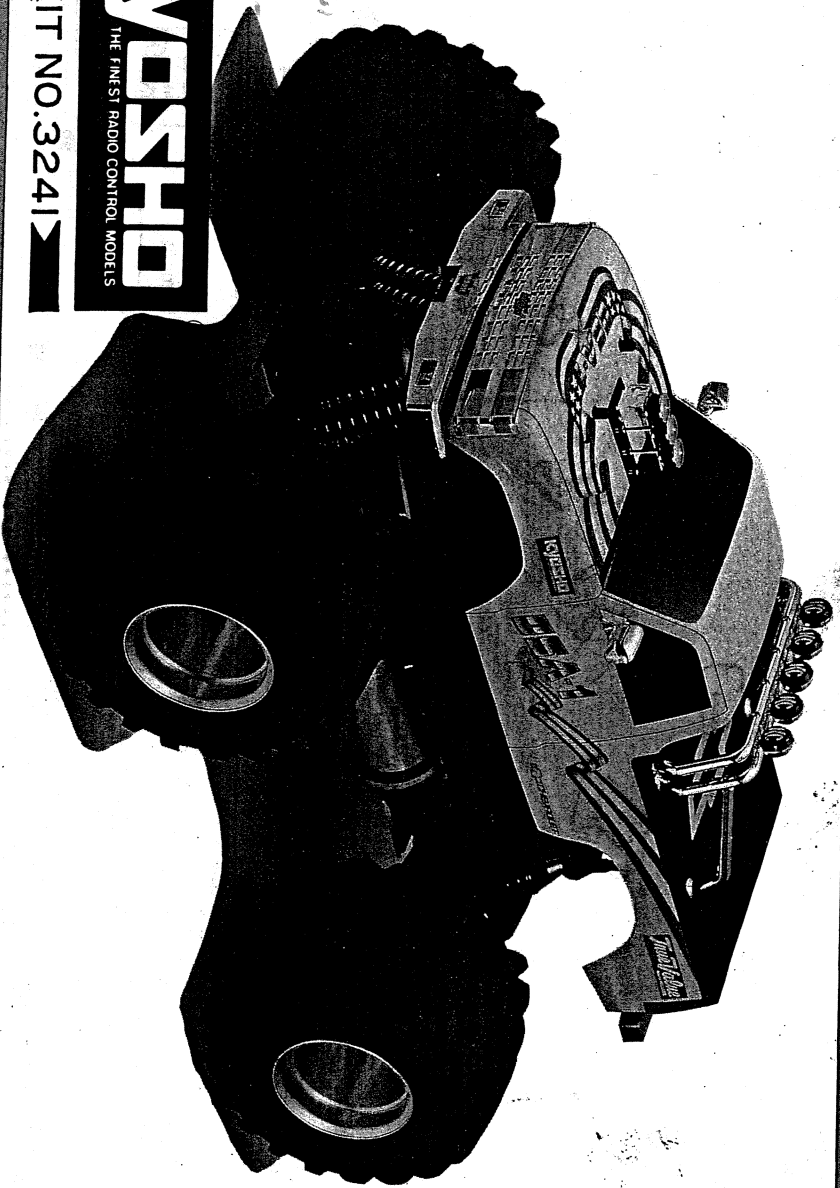


USA-1 NITRO CRUSHER



- REALISTIC SCALE MODEL OF EVERETT W. JASMER'S "USA - 1" MONSTER TRUCK. THE MOST POWERFUL IN THE WORLD.
- SCALE CAR CRUSHER PERFORMANCE WITH REAL ENGINE POWER AND SOUND.
- HUGE 6.5 INCH (165mm) TIRES CLIMB OVER HIGH OBSTACLES AND COPE WITH ROUGH TRACKS.
- HIGH GRIP TREAD PATTERN FOR TOP TRACTION.
- LONG TRAVEL ALL INDEPENDENT SUSPENSION WITH DOUBLE WISHBONES AND DUAL SHOCKS TO SOAK UP THE BUMPS AND KEEP CONTROL.
- MANY REALISTIC CHROME, NO. 44 FINISH PARTS AND DECORATIVE SELF-ADHESIVE LOGO/DECALS FOR SCALE APPEARANCE.
- TWO CHANNEL W/ TWO SERVOS, 21 SIZE ENGINE, RADIO CONTROL SET (NOT INCL. BDED).

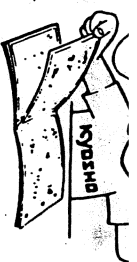


KYOSHO

THE FINEST RADIO CONTROL MODELS

◀ KIT NO. 3241 ▶

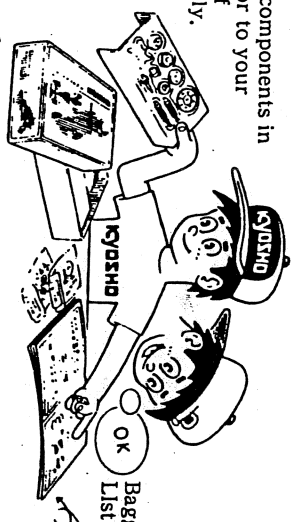
reading it through to the end.



Instruction

○ 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 3, 4). 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.



Bagged Parts List

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.

— **SWEATEN** ... 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 are assure smooth movements.



Steps where your particular attention is required.

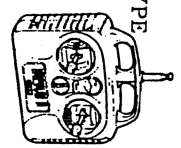
THINGS NEED BESIDES THE KIT

< 2 Channel Radio System >

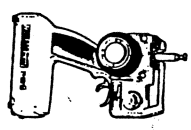
* Attention . . . This servo for steering should be used the high - torque type.

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

STICK TYPE

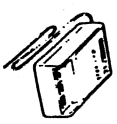


Transmitter

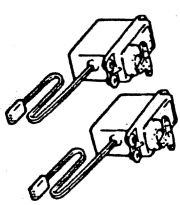


STEERING WHEEL TYPE

Receiver



Servo

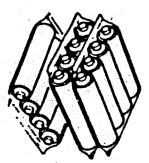


Battery Case

Switch

< Battery for Radio System >

For Transmitter . . . 8 pcs.
For Receiver . . . 4 pcs.



< Tools Required > Hex Wrench, Grease and Screw Locking Compound

Phillips Screw Driver are in the kit.



Needle Nose Pliers

Box Driver

(For M6, M5, M4, M3, M2 Nut)

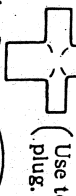


Round Cutter

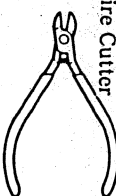
Sharp Hobby Knife



Sander

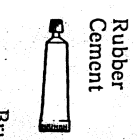


Plug Wrench (Use to check the plug.



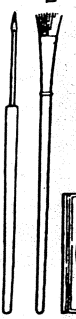
Wire Cutter

Instant Glue



Rubber Cement

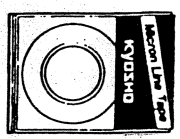
Brush



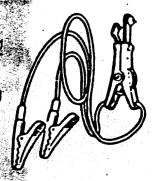
Polycra Paint



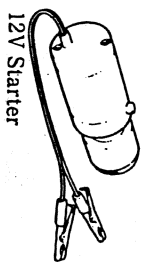
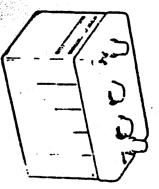
Micron Lin Tape



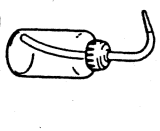
Glow Plug Battery Cord



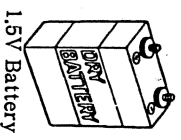
12V Battery



12V Starter

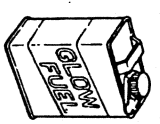


Fuel Pump



1.5V Battery

* Use to heat the glow plug.

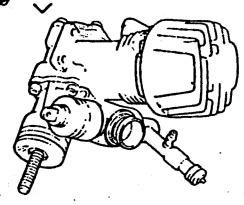


Glow Fuel

< Things need to start the engine >

The following 21 size engines can be used for this model car.

OS-21 RPB
ENYA 21 CXL



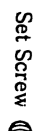
Coarse Thread pointed tips.

Fine Thread

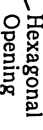
2) The kinds of screws which will be used in this instruction.



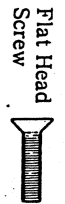
Bind Screw



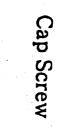
Set Screw



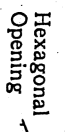
Hexagonal Opening



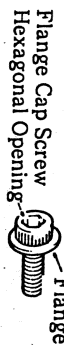
Flat Head Screw



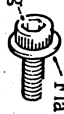
Cap Screw



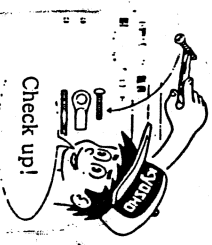
Hexagonal Opening



Flange Cap Screw



Flange



Check up!

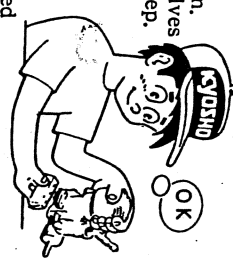
○ Pick up the correct parts and screw. Compare the shape and size of small parts, such as screws, nuts and washers.

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

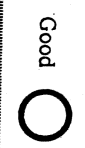
Double - check the location and direction of parts with the illustration before installation. When necessary, assemble the parts themselves tentatively before proceeding to the next step.

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

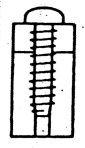
Do not use excessive force when tightening the self - tapping screws, or you may strip the thread in the plastic. It is recommended to stop tightening it when the thread part on the screw goes into the plastic part and you feel some resistance from the tightening.



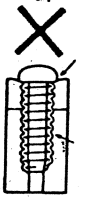
Over tighten may strip the thread in the plastic.



Good



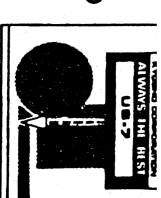
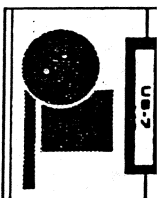
Wrong



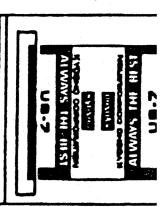
< Engine >



The header is the only thing to rely upon when looking for a part. Do not discard until you finish the assembly.



or



Keep it in the bag.

Affix it on the bag with tape.

Bag No.	Key #	Parts Name	Qty	Step	
US-1	1	Shock Piston	8	1	
	2	E Ring (E-2.5)	16	1	
	3	Spring Holder	8	2	
	4	Spring Adjuster	8	2	
	5	Shock Ring	8	2	
	6	Shock Spring	8	2	
	7	Shock Case	8	1	
	8	Shock End	8	1	
	9	Pressure Top	8	2	
	10	Shock Cap	8	2	
	11	Shock Shaft	8	1	
	181	Shock Oil	2	2	
	US-3		Center Diff. Assembly	1	Assembly
			Front Gear Box Assembly	1	♦
			Rear Gear Box Assembly	1	♦
		★ 12	Shock Pivot (1)	1	8
		★ 13	♦ (2)	1	8
		★ 14	♦ (3)	1	5
★ 15		♦ (4)	1	5	
★ 16		Front Body Mount	2	7	
★ 17		Rear ♦	2	4	
18		Rear Sus. Holder	1	3	
US-4 Plastic Parts	26	Rear Sus. Arm	2	4	
	27	Rear Hub (R)	1	4	
	★ 29	Upper Sus. (A)	2	3	
	★ 30	♦ (B)	4	3	
	★ 41	Shock Bush	8	5	
	43	φ 6.8 Ball End	8	5	
	52	Hub Carrier (R)	1	7	
	53	♦ (L)	1	7	
	57	Center Diff. Housing (A)	1	9	
	58	♦ (B)	1	9	
	★ 77	Radio Plate	1	12	
	★ 79	Servo Fixing Post	4	12	
	85	Fuel Tank Pivot	1	13	
	86	Bumper	1	12 (Cutting)	
	100	Servo Fixing Stay (A)	1	16	
	101	♦ (B)	1	16	
	133	Front Sus. Upper Holder	1	6	
	136	Servo Spacer	2	16	
138	Front Sus. Arm	2	7		
141	Rear Hub (L)	1	4		
★ 144	Upper Sus. (C)	2	7		
US-5	23	Joint	1	3	
	32	Rear Wheel Shaft	2	4	
	33	Swing Shaft	2	4	
	34	Rear Shock Stay	1	3	
	35	φ 3 X27 Shaft	2	4	
	36	φ 3 X44 Shaft	4	3	
	37	φ 4 X77 Shaft	2	4	

Bag No.	Key #	Parts Name	Qty	Step
US-5	39	φ 3 Stopper	2	4
	40	Rear Gear Cover	1	3
	42	φ 6.8 Ball	1	5
	55	M3 Pivot Ball	4	5
	73	Tie Rod (A)	1	5
	81	φ 8 X16 Bushing	4	4
	23	Joint	1	3
	35	φ 3 X27-Shaft	2	7
	36	φ 3 X44 Shaft	4	7
	39	φ 3 Stopper	2	7
	49	Front Shock Stay	1	6
	50	Knuckle Arm (R)	1	7
	51	♦ (L)	1	7
	54	King Pin	4	7
	55	M3 Pivot Ball	4	8
	67	Front Gear Cover	1	7
	116	Universal Joint	2	7
	147	φ 4 X64 Shaft	2	7
US-6	42	φ 6.8 Ball	6	11
	44	φ 8 Aluminum Collar	2	17
	59	Disk Brake	1	9
	60	Brake Pads	2	9
	61	Brake Cam	1	9
	62	Brake Stopper	1	9
	63	Brake Lever	1	9
	64	Linkage Guide	1	11
	65	Servo Saver Shaft (A)	2	11
	66	♦ (B)	1	11
US-7	68	Servo Saver Spring	1	Assembly
	70	Servo Saver Horn (B)	1	11
	71	♦ (C)	1	11
	69	♦ (A)	1	11
	73	Tie Rod (A)	2	11
	74	♦ (B)	1	11
	75	φ 6 Aluminum Collar	2	11
	82	Center Shaft	2	13
	84	Torque Rod Pivot	1	13
	115	Brake Lining	2	9
	155	φ 5 X10 Bearing	2	9
	156	φ 5 X10-Collar	1	9
	157	Counter Gear	1	9
	158	Counter Gear Mount	1	9
	159	Counter Gear Shaft	1	9
	38	E Ring (E-3)	1	15
	78	Switch Boot	1	12
	83	Mount Plate	2	10
87	Manifold	1	15	
88	Engine Mount	1	15	
US-8				1set
				15

89	Fly Wheel	1	15
90	Clutch Pin	2	Assembly
91	Pilot Shaft	1	15
92	Clutch Shoe	2	15
93	Clutch Spring	1	Assembly
94	Clutch Bearing Case	1	15
95	Clutch Roller	8	Assembly
96	Clutch Bell (13T)	1	15
102	Tank Cap	1	15
103	Tank Seal	1	15
104	Fuel Tank	1	15
105	Aluminum Pipe	1	15
106	Rubber Bush	1	15
107	Fuel Tube	1	15
109	Steering Rod	1	17
110	φ 2 Stopper	5	15
111	Engine Control Spring	1	15
112	Linkage Guide (B)	1	15
139	Silicone Grease	1	
140	Screw Locking Compound	1	
142	Engine Control Rod	1	15
146	Air Cleaner	1set	15
153	Brake Rod	1	15
	φ 5 X10 Washer	1	15
	φ 6 X18 Washer	1	15
76	Antenna Pipe	1	17
80	Strap (L)	1	17
98	Muffler (A)	1	15
99	♦ (B)	1	15
108	Plate Joint	1	17
117	φ 2.6X16 Shaft	4	20
118	Wheel Stopper	4	20
119	O Ring (L)	4	20
134	Strap (M)	3	15 15
135	Rear Shock	1	15
148	φ 38 Muffler Barfile	1	15
151	Radio Cover	1	17
★160	Rear Shock (Plate)	1	20
★161	Front Shock (Plate)	1	20
★162	Front Grill	1	20
★163	Front Grill Stopper	2	20
★164	Headlight Lens (R)	1	20
★165	♦ (L)	1	20
★166	Position Light Lens	2	20
★167	Door Mirror (R)	1	20
★168	♦ (L)	1	20
★169	Door Mirror Stopper	2	20
★170	Roll Bar (F)	1	20
★171	♦ (R)	1	20
★172	Roll Bar Back Stay (R)	1	20
★173	♦ (L)	1	20
★174	Fog Light Cover	5	20
★175	Fog Light	1	20
★176	Dummy Air Cleaner Cover	3	20
★177	Dummy Air Cleaner	3	20
★178	Carburetor	1	20
179	Double Sided Tape	1	20
183	φ 8 X16 Washer	4	20

BOX		113	wheel	4	15
	114	Tire	4	15	
	121	Body	1	20	
SMALL BOX	143	Main Chassis	1	20	
	145	Decal	1	20	
	152	Side Guard	2	20	
	180	Mirror Seal	1	20	
INSTRUCTION		Instruction	1		
	2	E Ring (E-2.5)	16	20 20 20	
	38	♦ (E-3)	10	20 20	
	97	♦ (E-4)	1	20	
	120	Wheel Stopper Bolt	4	20	
	122	Body Pin	8	20	
	184	φ 5 Lock Ring	6	20	
	31	M5 X35 Shaft	4	20 20	
		M3 X8 T P Bind Screw	11		
		M3 X10 ♦	19		
		M3 X15 ♦	10		
		M4 X15 ♦	16		
		M4 X20 TP Flat Head Screw	6		
		M4 X25 ♦	4		
		M2.6X8TP RoundHeadScrew10			
		M2.6X16 ♦	2		
		M2.6X18 ♦	6		
		M3 X12 Flat Head Screw	2		
		M3 X18 Round Head Screw	2		
		M3 X10 Bind Screw	1		
		M3 X15 ♦	2		
		M3 X25 ♦	2		
		M4 X8 ♦	9		
		M4 X10 ♦	2		
		M4 X15 ♦	2		
		M3 X10Cap Screw	5		
		M3 X18 ♦	10		
		M3 X25 ♦	1		
		M4 X10 Flange Cap Screw	4		
		M3 X3 Set Screw	11		
		M4 X12 ♦	4		
		M5 X4 ♦	2		
		M2 Nut	1		
		M3 Nylon Nut	12		
		M3 Flange Nut	10		
		M4 ♦	2		
		M5 ♦	1		
		M3 Washer	14		
		M5 X10 Washer	1		
		M5 X12 ♦	2		
		Hexagonal Wrench (1.5)	1		
		♦ (2)	1		
		♦ (2.5)	1		
		♦ (3)	1		

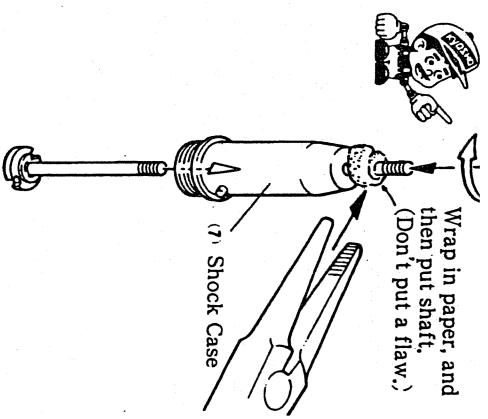
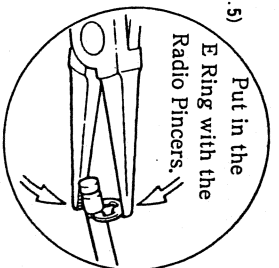
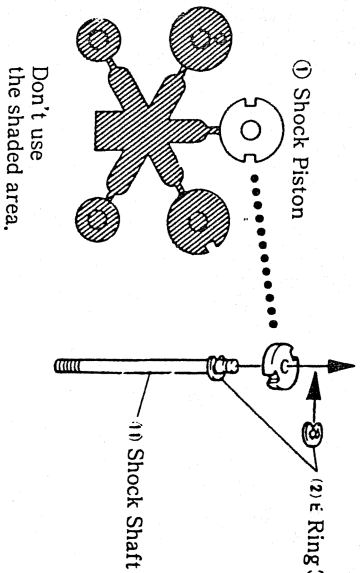
(1) The key numbers with ★ indicated the plastic parts on 2 runner.

(2) There are spare screws to assemble.

US-2

US-9

US-8

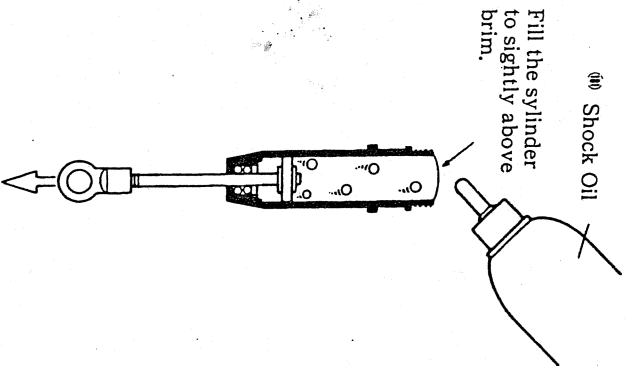


2 FILLING SHOCK OIL

These parts are in the bag (US-1).

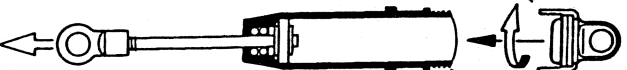
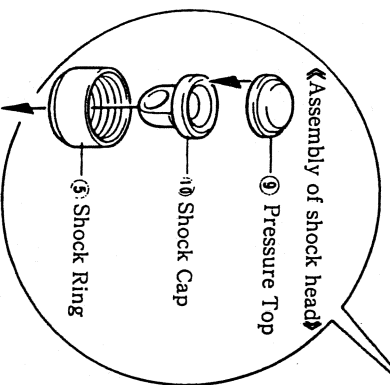
STAGE 1

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.

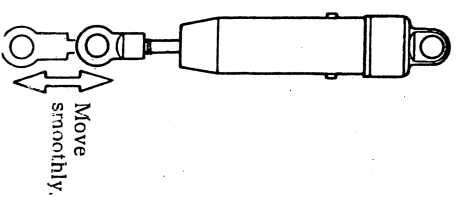


STAGE 2

Keep the position in the lowest position and tighten the shock cap gradually, then excessive oil will spill over.

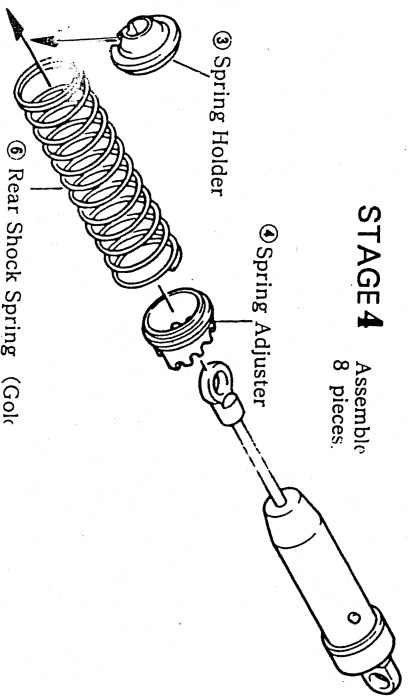


In the end, tighten it firmly so that the oil will not leak out.



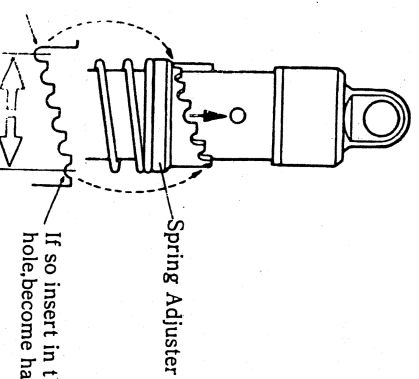
STAGE 4

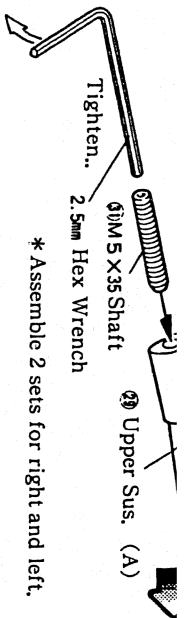
Assemble 8 pieces.



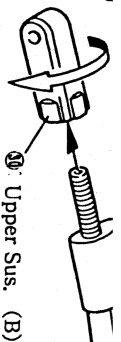
● Spring tension can be adjusted by high simply changing the hole position of the spring adjuster

If so insert in this hole, become soft.



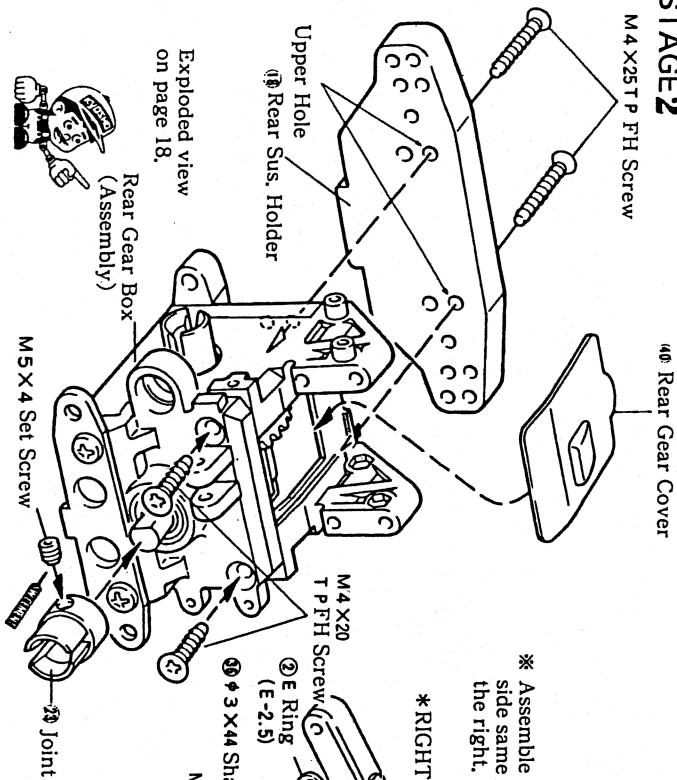


* Assemble 2 sets for right and left.



* Refer to Page 19 (actual size drawing).

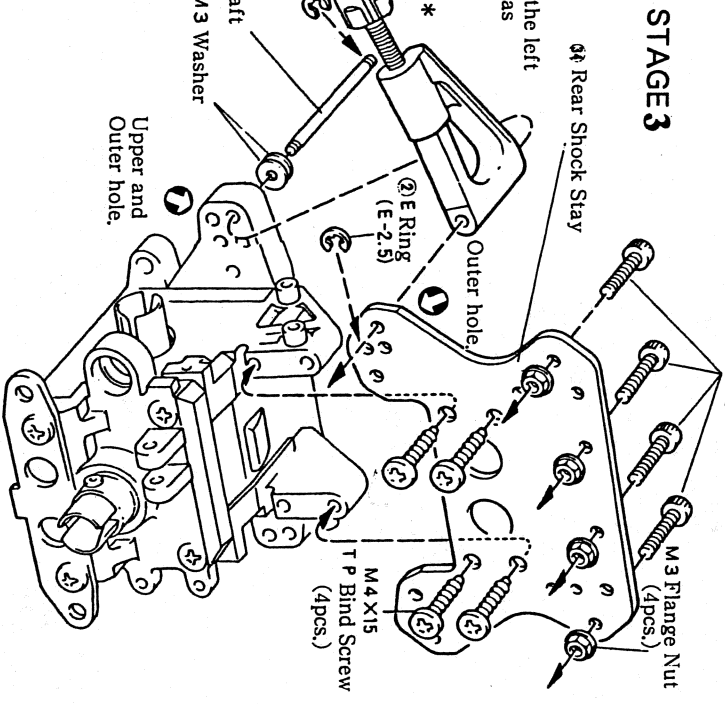
STAGE 2



* Assemble the left side same as the right.

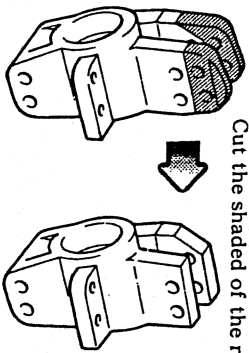
* RIGHT *

STAGE 3



4 INSTALLATION OF REAR SUSPENSION ARMS

STAGE 1

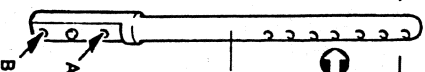


* These parts are in the bag (US-2, 4, 5).

STAGE 2

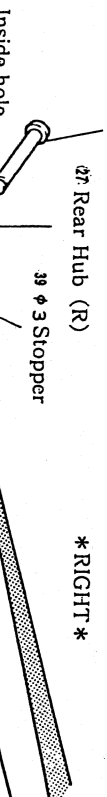
* Assemble the left side same as the right.

* RIGHT *

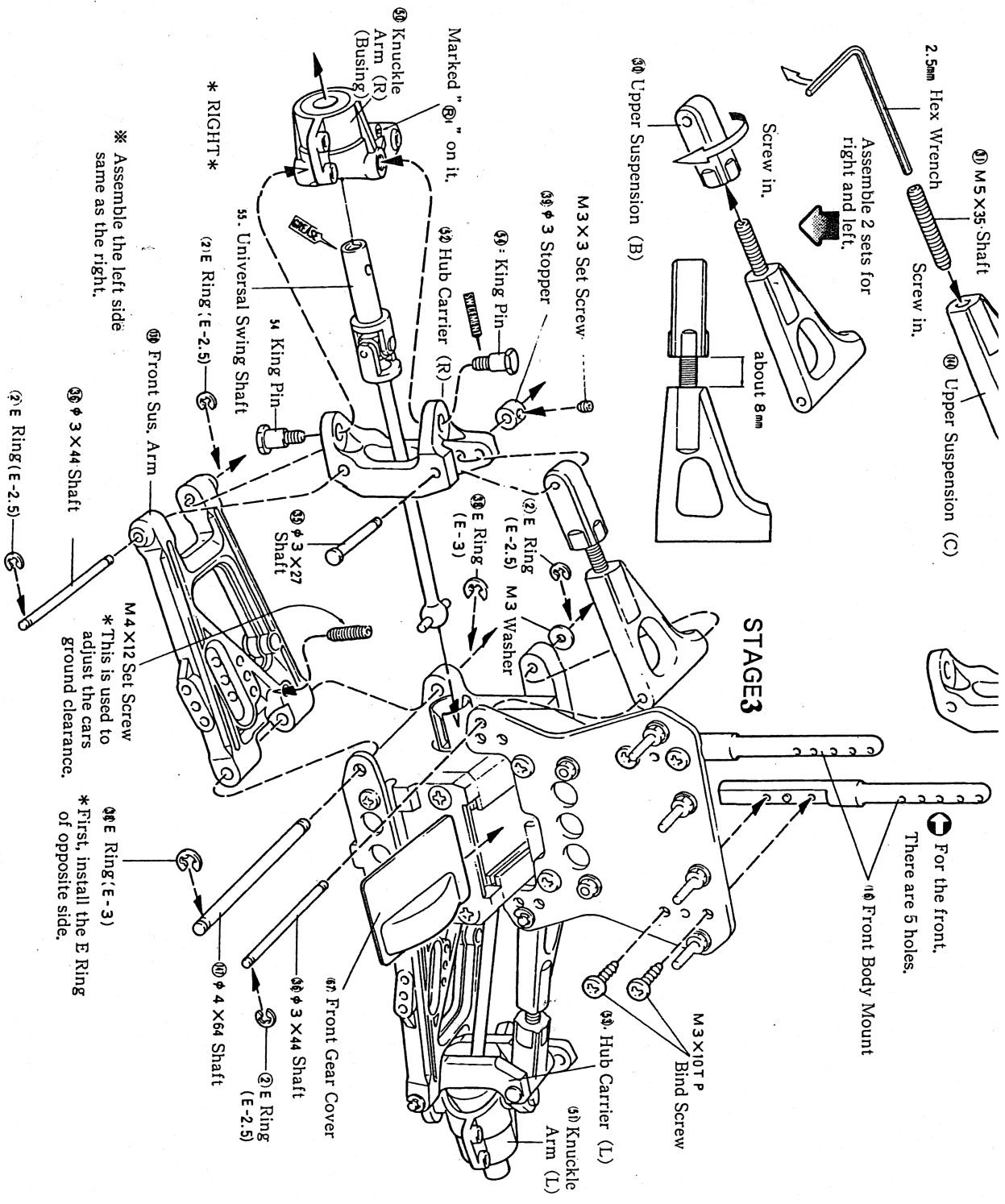


For Rear.
There are 7 holes.

M3 X10T P Bind Screw

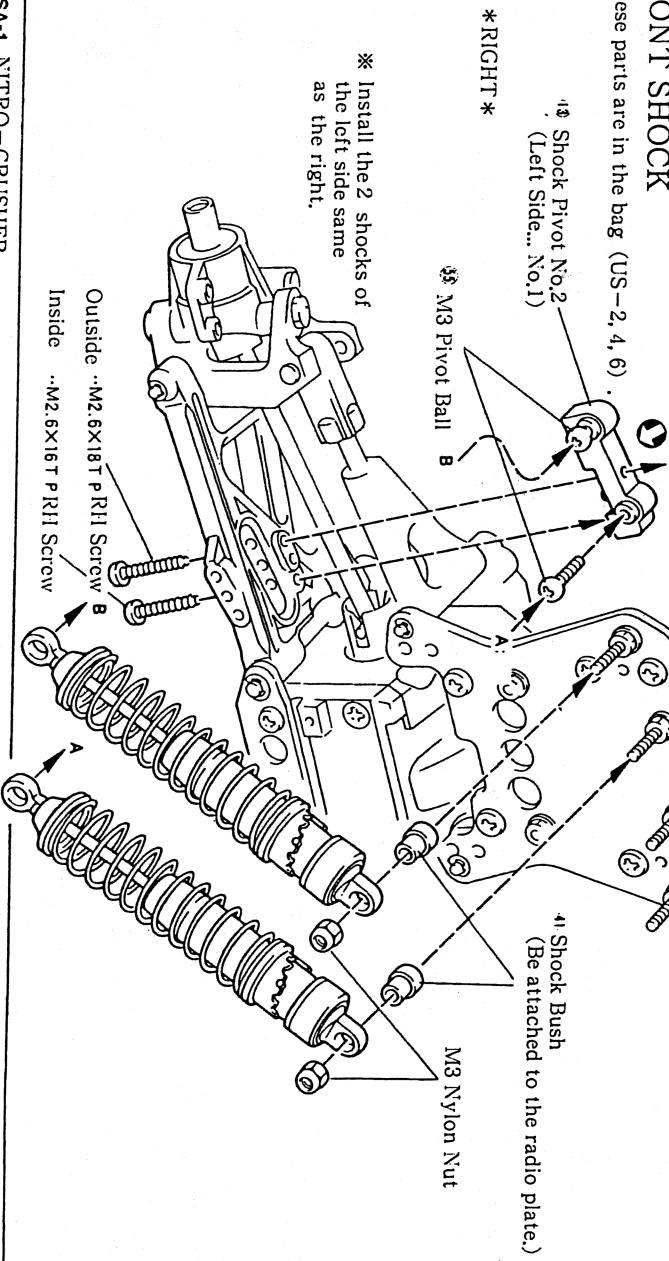


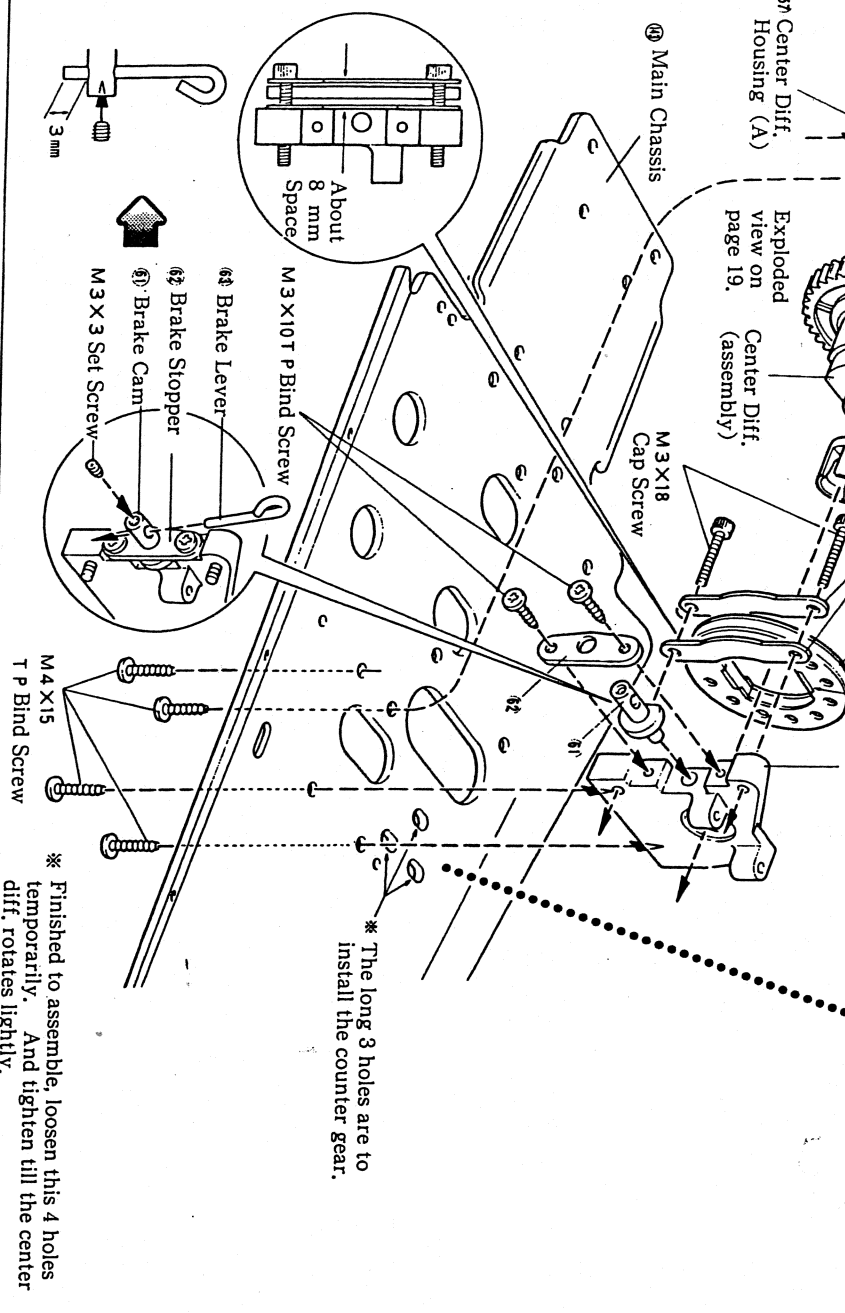
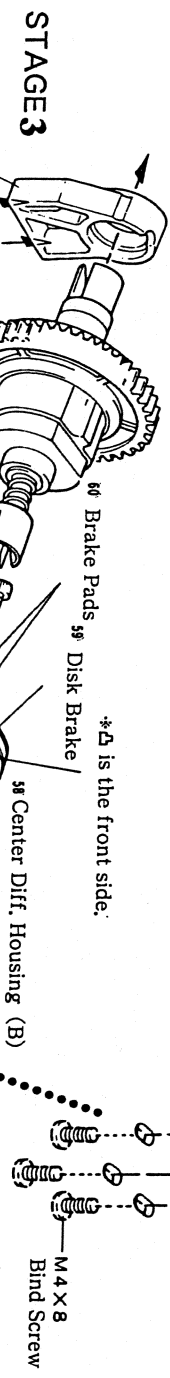
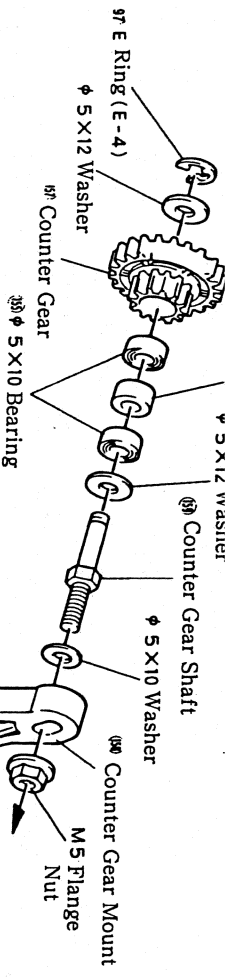
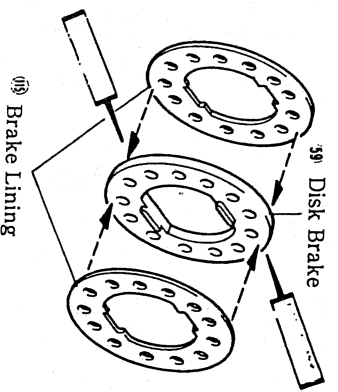
* This is used to adjust the cars ground clearance.
* Let 2mm protrude.



8 INSTALLATION OF FRONT SHOCK

Be careful about the direction.
These parts are in the bag (US-2, 4, 6).

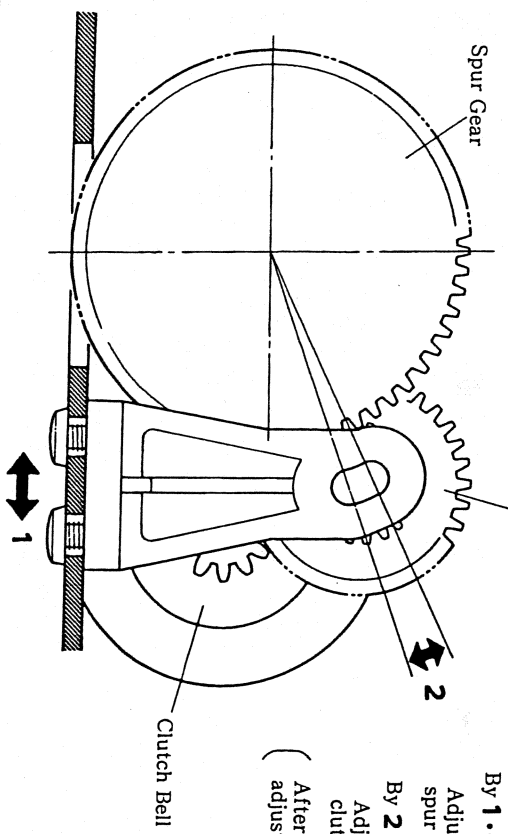




* Finished to assemble, loosen this 4 holes temporarily. And tighten till the center diff. rotates lightly.

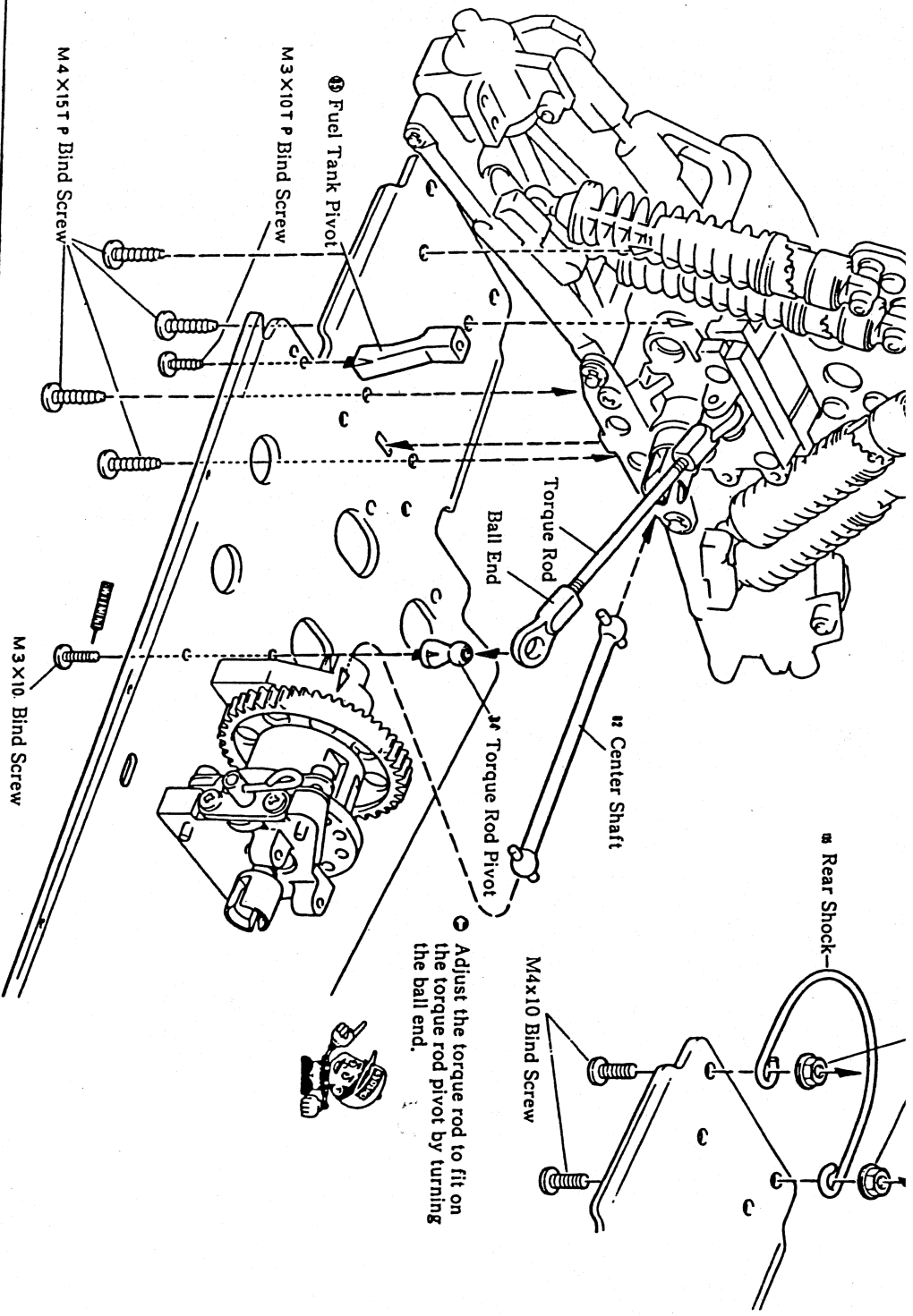
* The long 3 holes are to install the counter gear.

10 ADJUSTMENT OF COUNTER GEAR



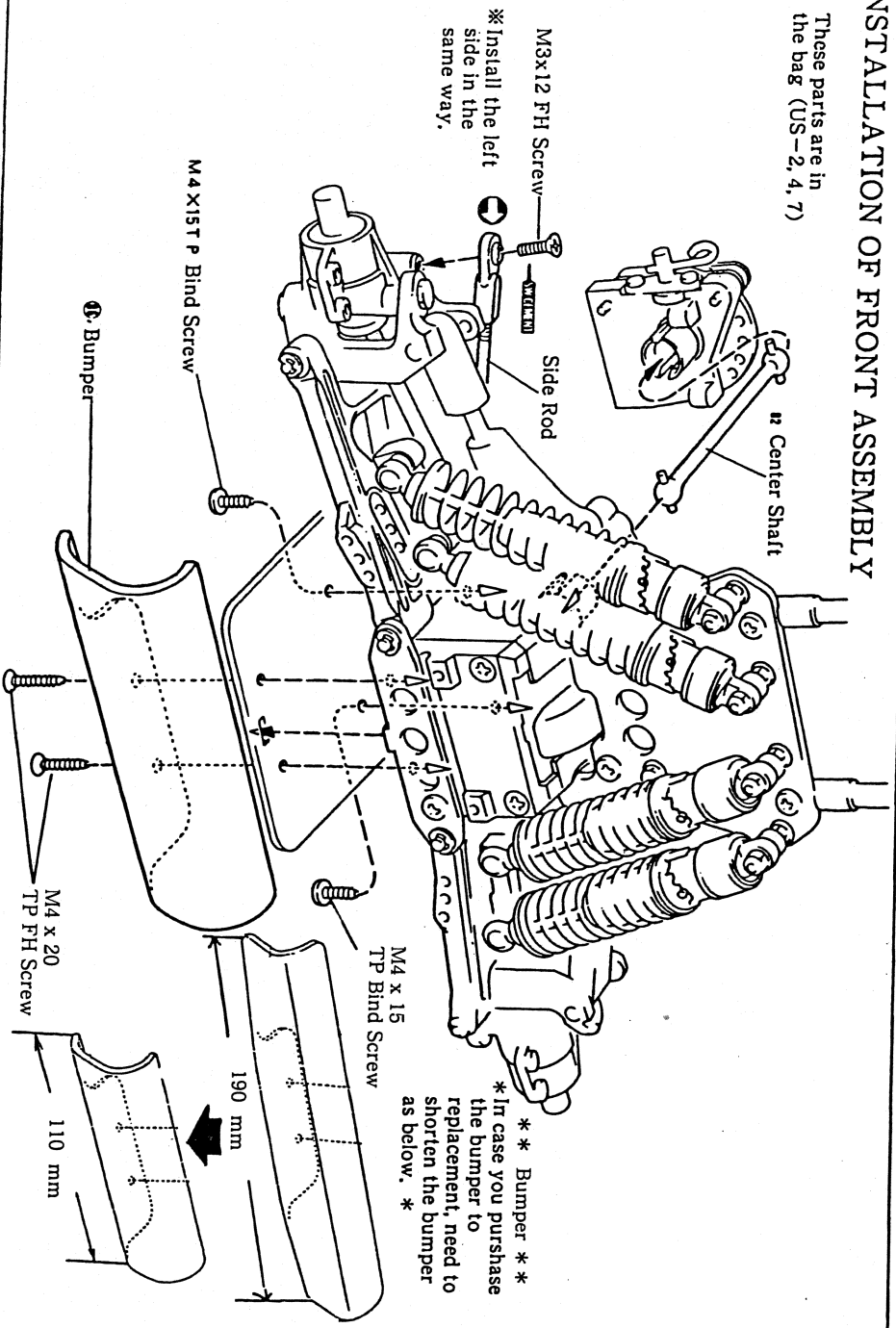
By 1...
Adjust the backlash between the spur gear and the counter gear.

By 2...
Adjust the backlash between the clutch bell and the counter gear.
(After 10 (installation of engine), adjust at 2.)



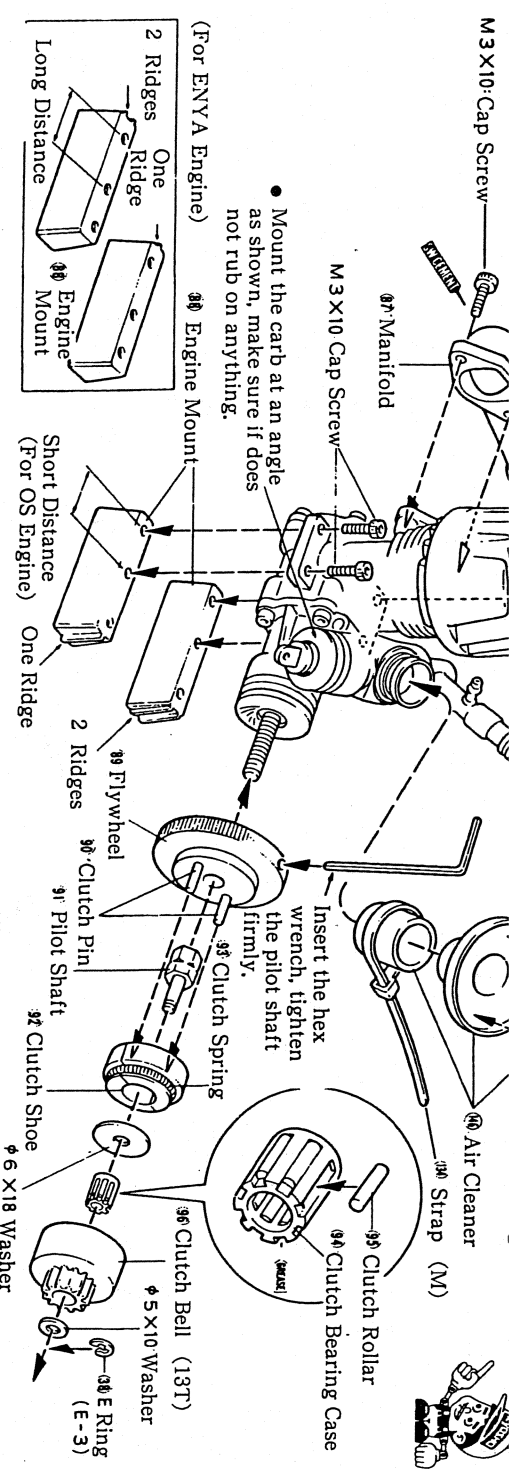
14 INSTALLATION OF FRONT ASSEMBLY

These parts are in the bag (US-2, 4, 7)



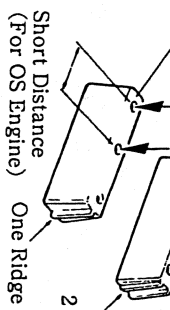
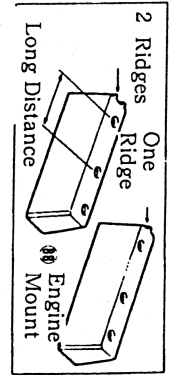
* Install the left side in the same way.

* * * Bumper * * *
 * In case you purchase the bumper to replace the bumper as below. *



● Mount the carb at an angle as shown, make sure it does not rub on anything.

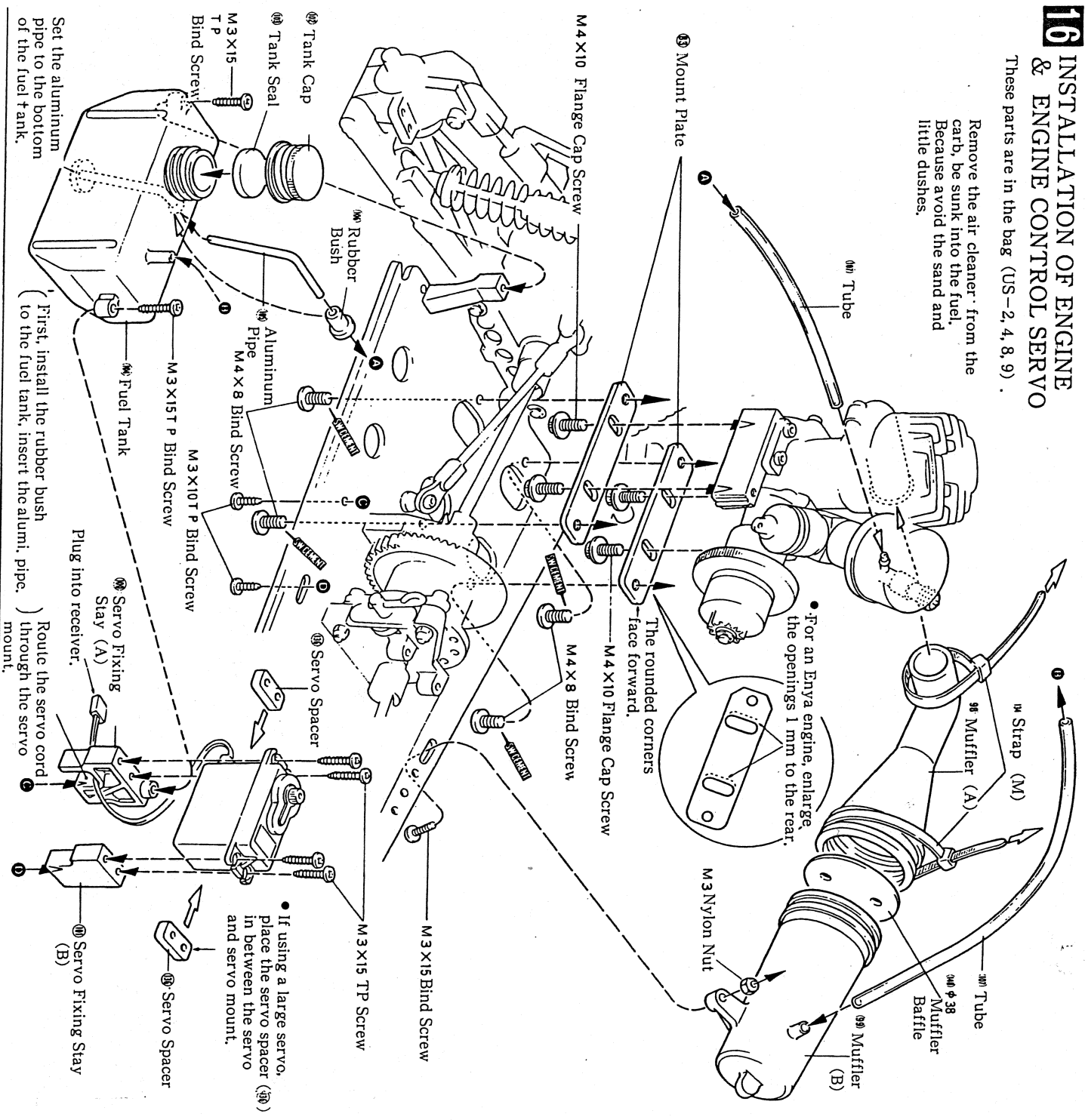
(For ENYA Engine)



16 INSTALLATION OF ENGINE & ENGINE CONTROL SERVO

These parts are in the bag (US-2, 4, 8, 9).

Remove the air cleaner from the carb, be sunk into the fuel. Because avoid the sand and little dusts.



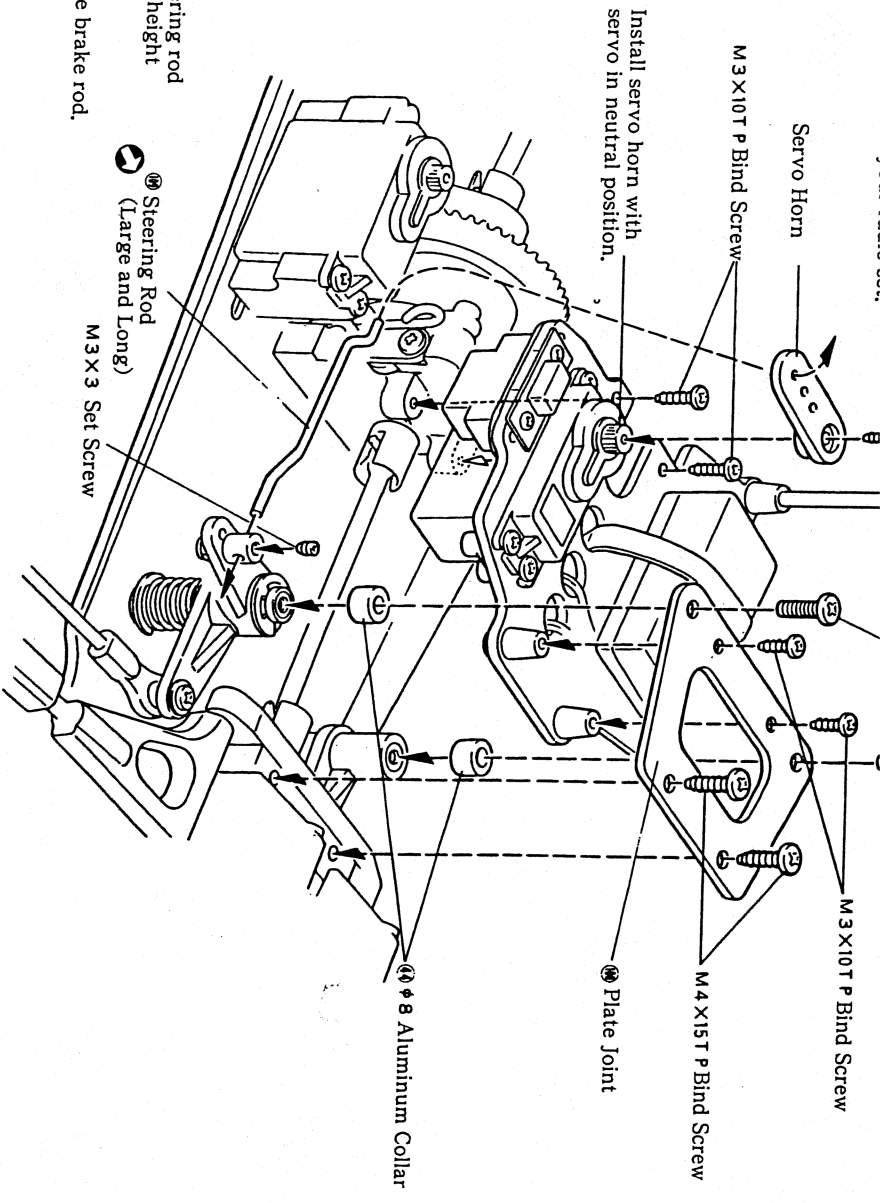
● For an Enya engine, enlarge the openings 1 mm to the rear.

The rounded corners face forward.

● If using a large servo, place the servo spacer in between the servo and servo mount.

First, install the rubber bush to the fuel tank, insert the alumi. pipe.

Route the servo cord through the servo mount.



Bend the steering rod referring the height of the servo. Be careful.... This is not the brake rod.

18 ENGINE CONTROL LINKAGE

These parts are in the bag (US-2).

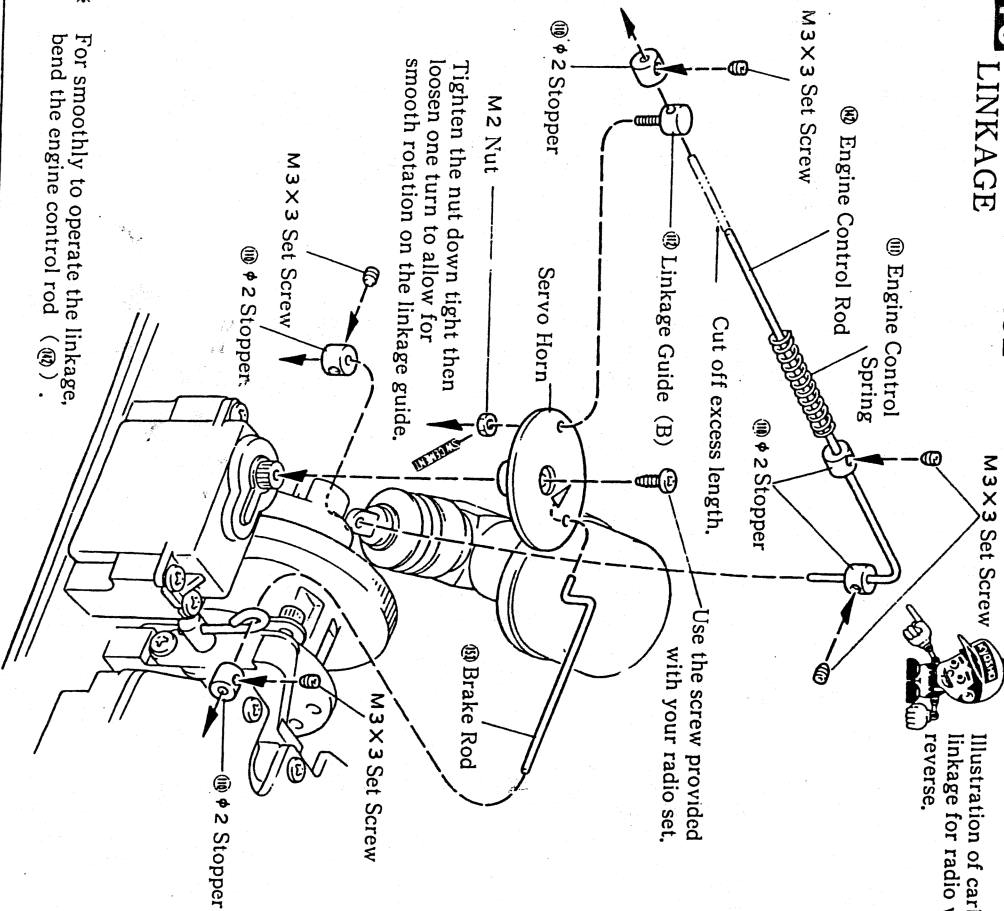
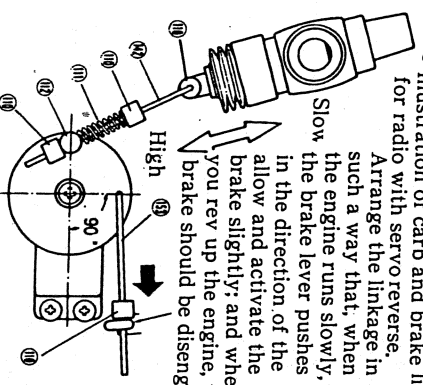


Illustration of carb and brake linkage for radio with servo reverse.

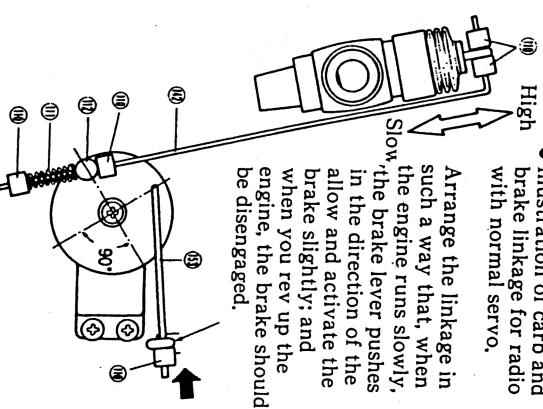
• Illustration of carb and brake linkage for radio with servo reverse.

Arrange the linkage in such a way that, when the engine runs slowly, the brake lever pushes in the direction of the allow and activate the brake slightly; and when you rev up the engine, the brake should be disengaged



• Illustration of carb and brake linkage for radio with normal servo.

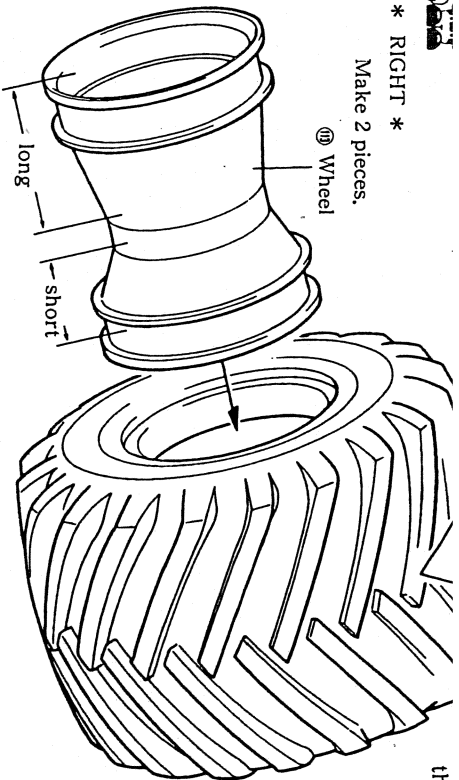
Arrange the linkage in such a way that, when the engine runs slowly, the brake lever pushes in the direction of the allow and activate the brake slightly; and when you rev up the engine, the brake should be disengaged.



* For smoothly to operate the linkage, bend the engine control rod (18).

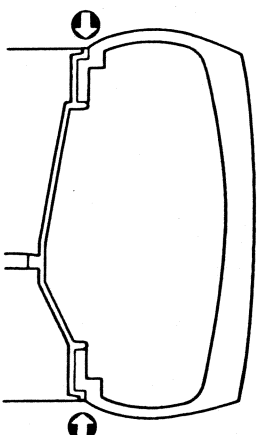


* RIGHT *
Make 2 pieces.



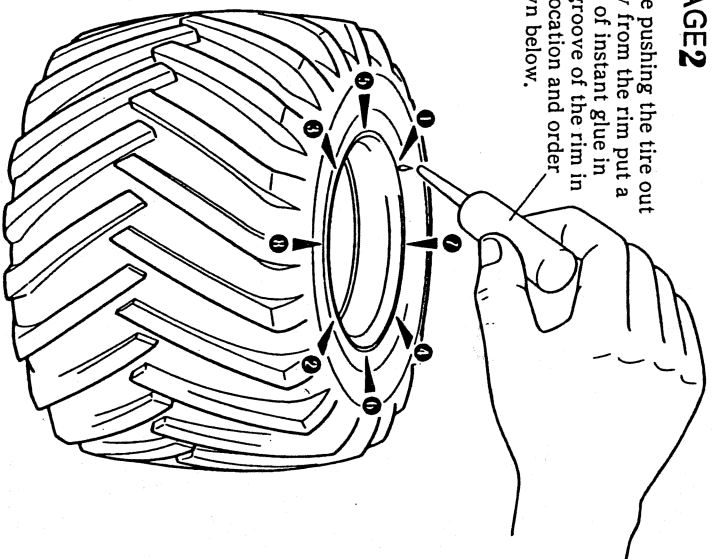
thoroughly with clean water.)

Fit the tire into the groove.

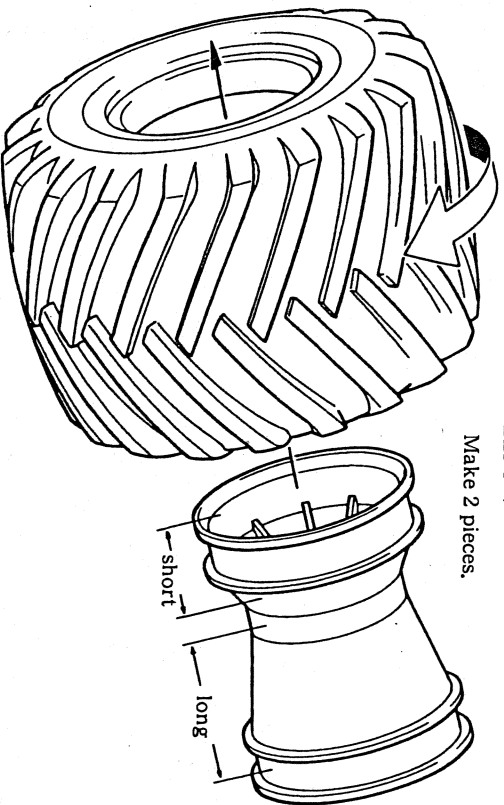


STAGE 2

While pushing the tire out away from the rim put a drop of instant glue in the groove of the rim in the location and order shown below.



* LEFT *
Make 2 pieces.



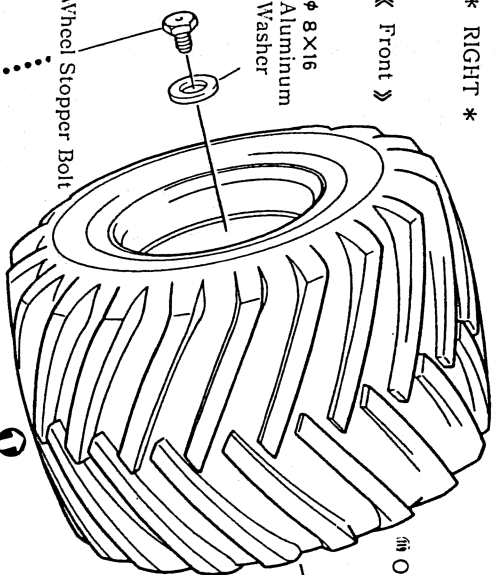
20 INSTALLATION OF TIRE These parts are in the bag (US-2, 9).

* RIGHT *

« Front »

⑧ ϕ 8 X 16 Aluminum Washer

⑩ Wheel Stopper Bolt

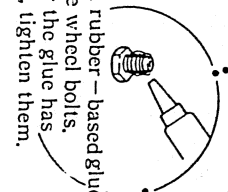


Be careful about the direction of tire.

⑩ Wheel Stopper Bolt

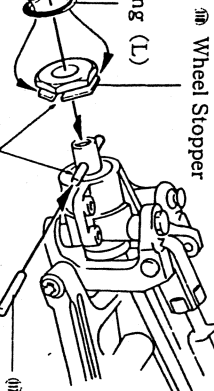
⑧ ϕ 8 X 16 Aluminum Washer

● Use a rubber-based glue to the wheel bolts. After the glue has dried, tighten them.



* Install the left side same as the right.

* RIGHT *



* Fit a dent of wheel stopper with the shaft. And then push in.

⑪ ϕ 2.6 X 16 Shaft

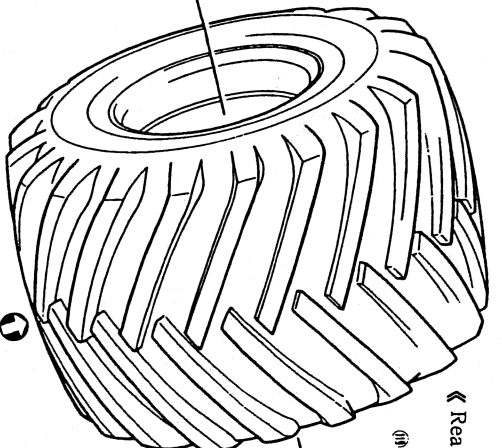
* RIGHT *

« Rear » Wheel Stopper

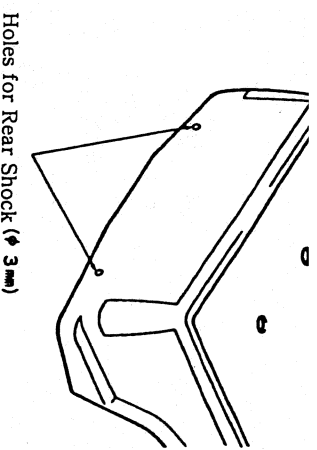
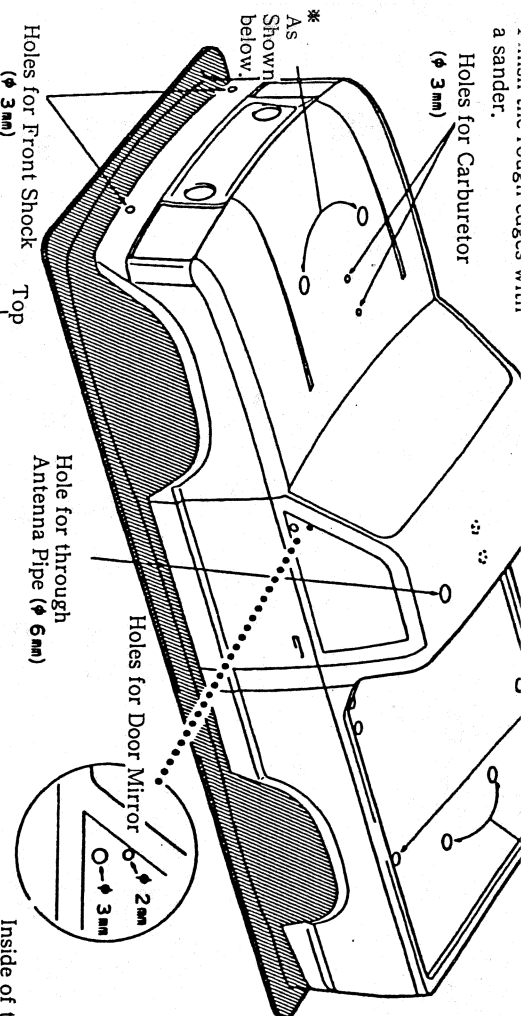
⑪ O Ring (L)

* Fit a dent of wheel stopper with the shaft. And then push in.

⑪ ϕ 2.6 X 16 Shaft

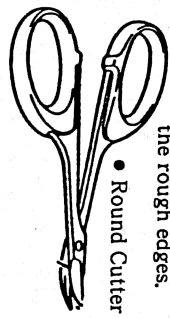


... and the ... with a sander.



KYOSHO No. 1829

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



• Round Cutter



• Sander

22 PAINTING

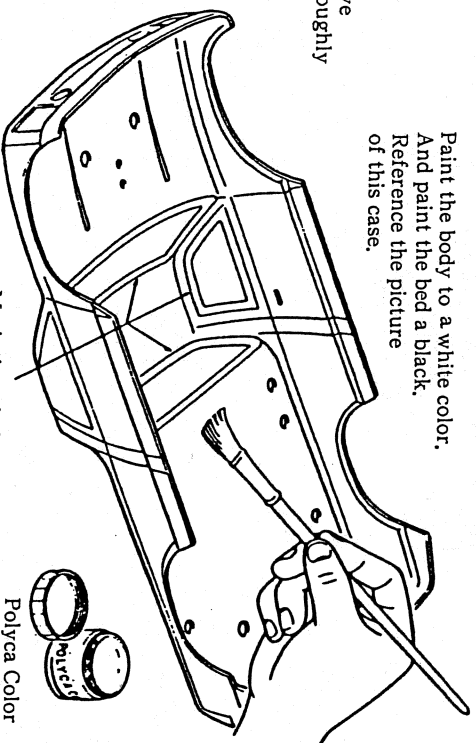
First wash the body to remove any oil or dirt and rinse thoroughly with clean water.

Paint the inside of body.

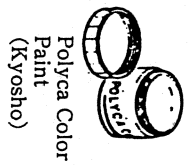
You can obtain a color scheme by masking a portion with tape then removing the tape and painting.

Apply the lightest color last.

Paint the body to a white color. And paint the bed a black. Reference the picture of this case.



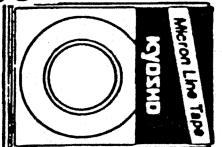
Mask the windows from the inside with the Micron Line Tape.



Polycolor Paint (Kyosho)

KYOSHO No. 1841~3

- No. 1841 ... 1mm
- No. 1842 ... 1.5mm
- No. 1843 ... 2.5mm
- Color: White, Red, Yellow, Green, Blue and Black
- For border ... Black
- 0.4mm ... No. 1859
- 0.7mm ... No. 1860



KYOSHO No. 2230

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



23 INSTALLATION OF CARBURETOR

These Parts are in the bag (US-2, 9).

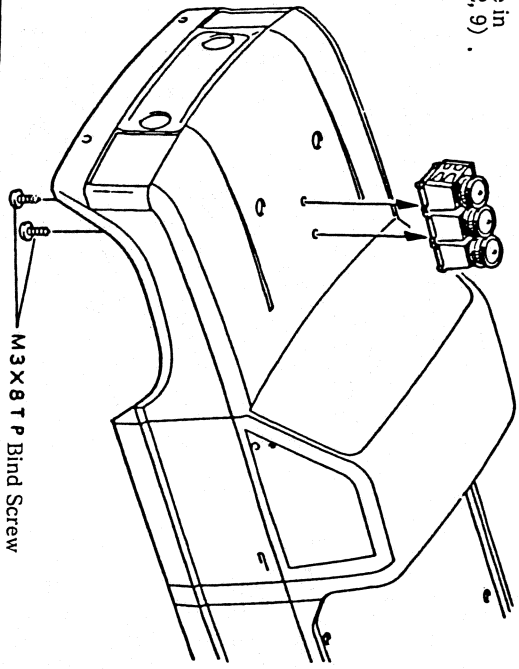
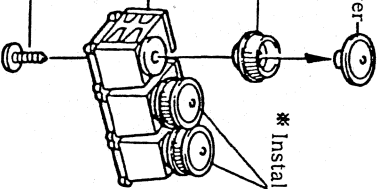
⑩ Dummy Air Cleaner Cover

⑪ Dummy Air Cleaner

⑫ Dummy Carburetor

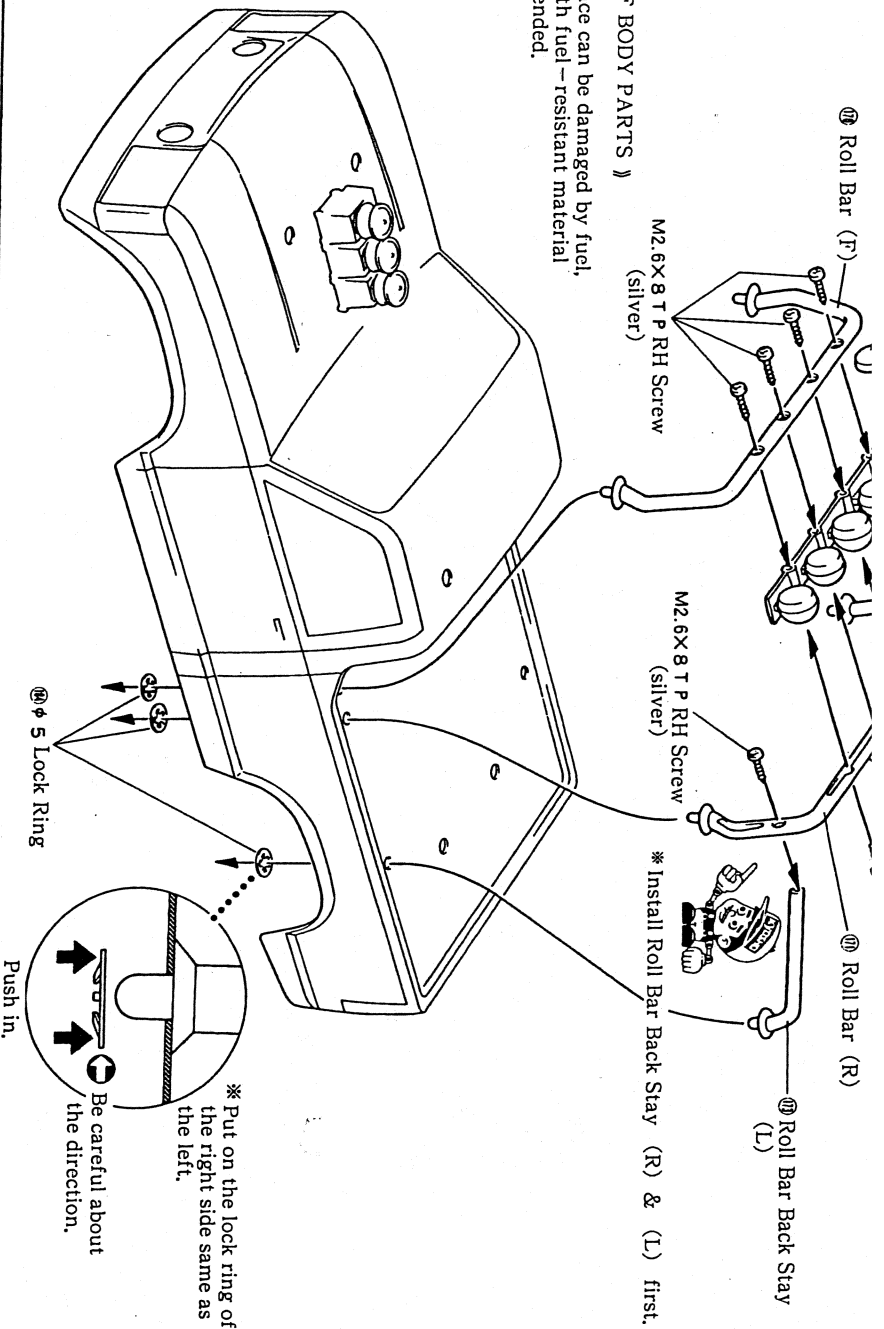
M3X8TP Bind Screw

* Install in the same way.



M3X8TP Bind Screw

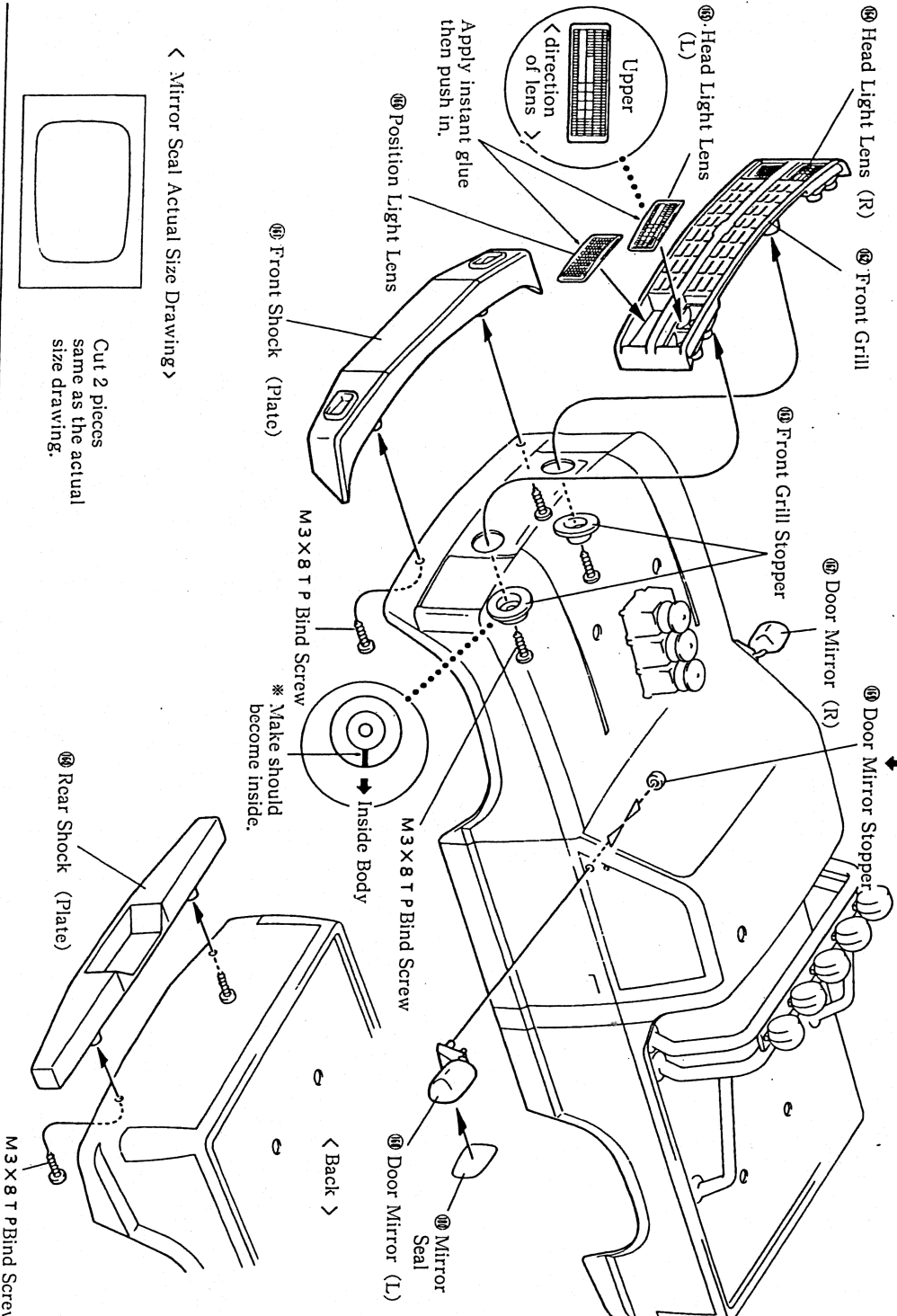
« PLATE OF BODY PARTS »
 Paint surface can be damaged by fuel, coating with fuel – resistant material is recommended.



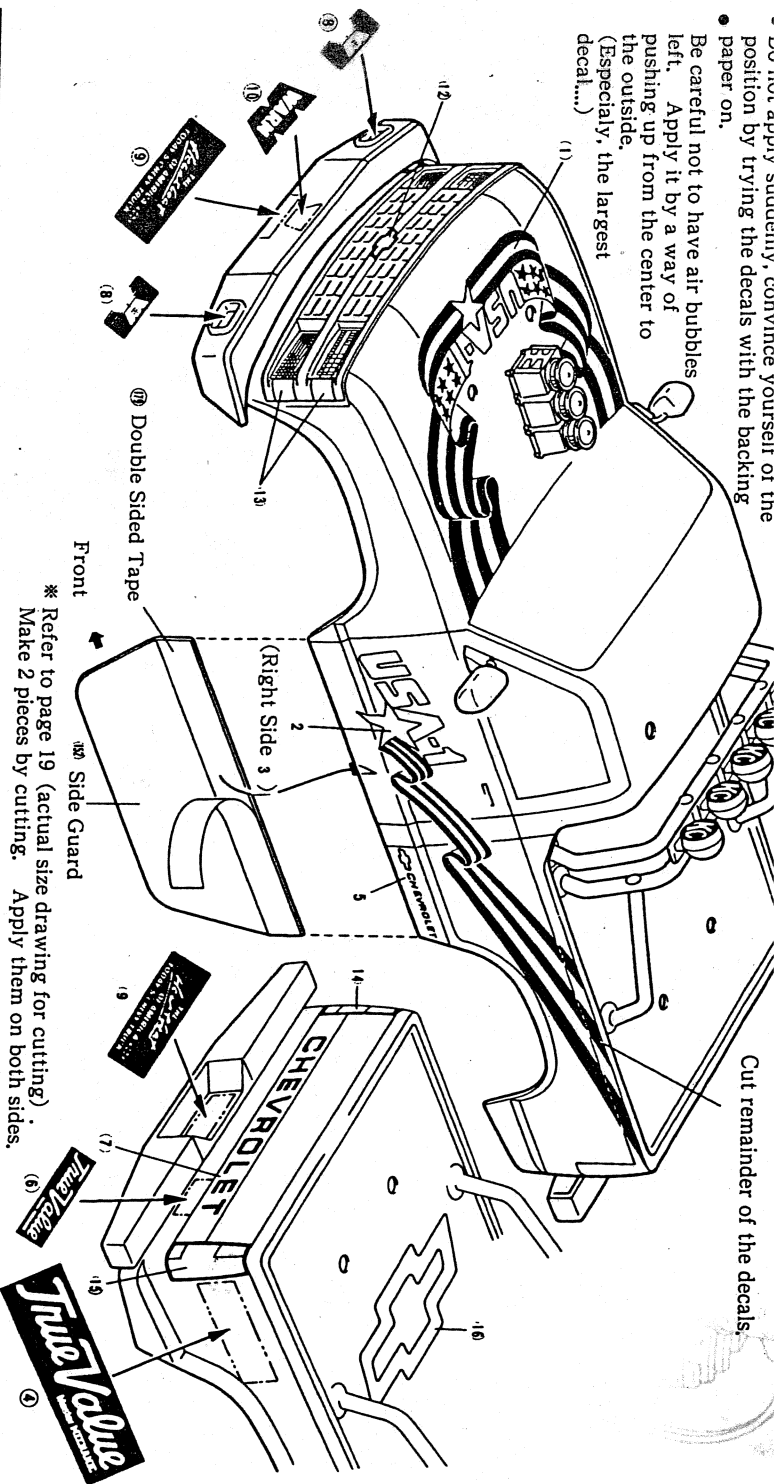
25

INSTALLATION OF ACCESSORIES PARTS

These parts are in the bag (US-2, 9).



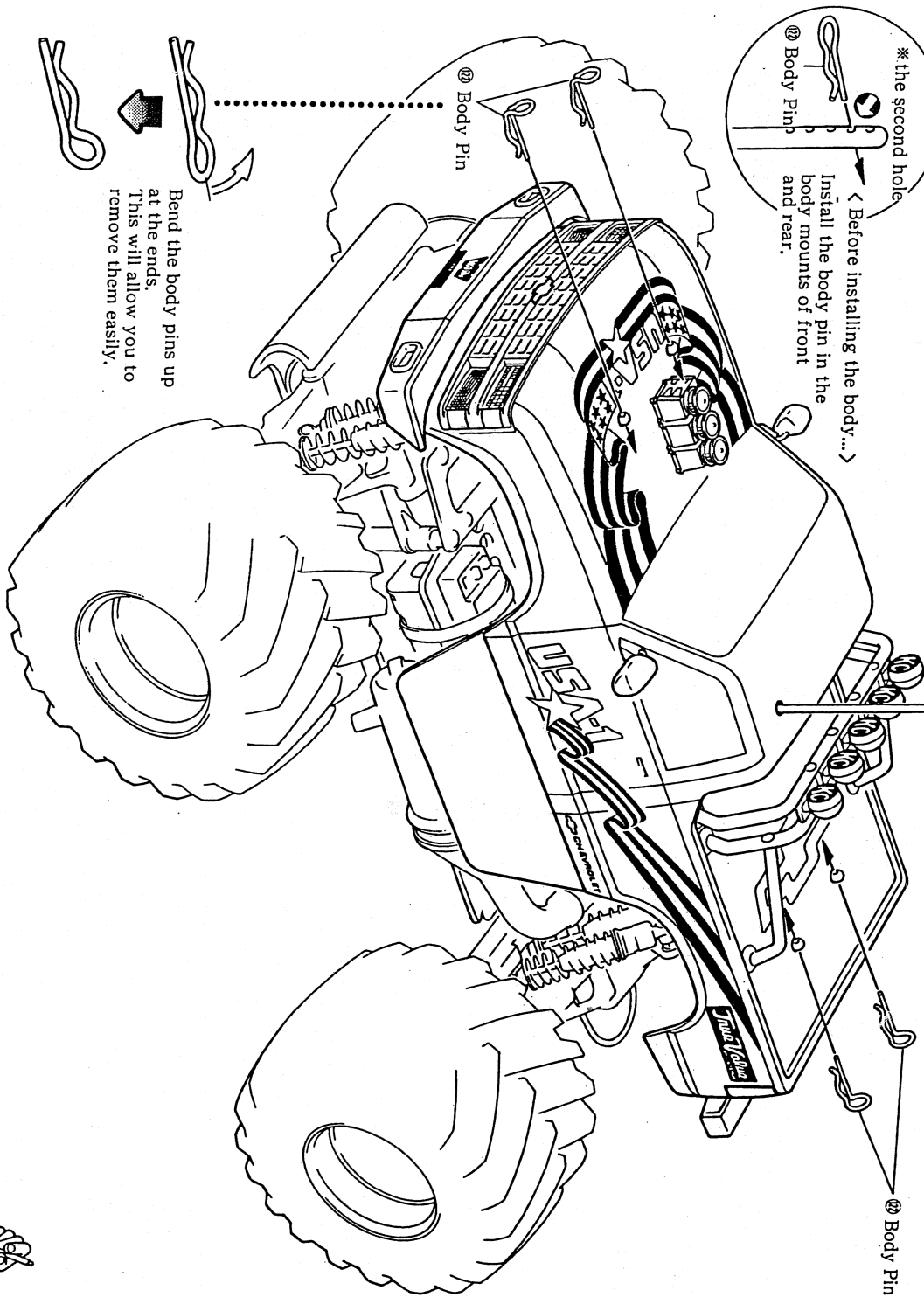
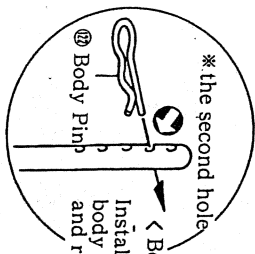
Be careful not to have air bubbles left. Apply it by a way of pushing up from the center to the outside.
(Especially, the largest decal....)



Cut remainder of the decals.

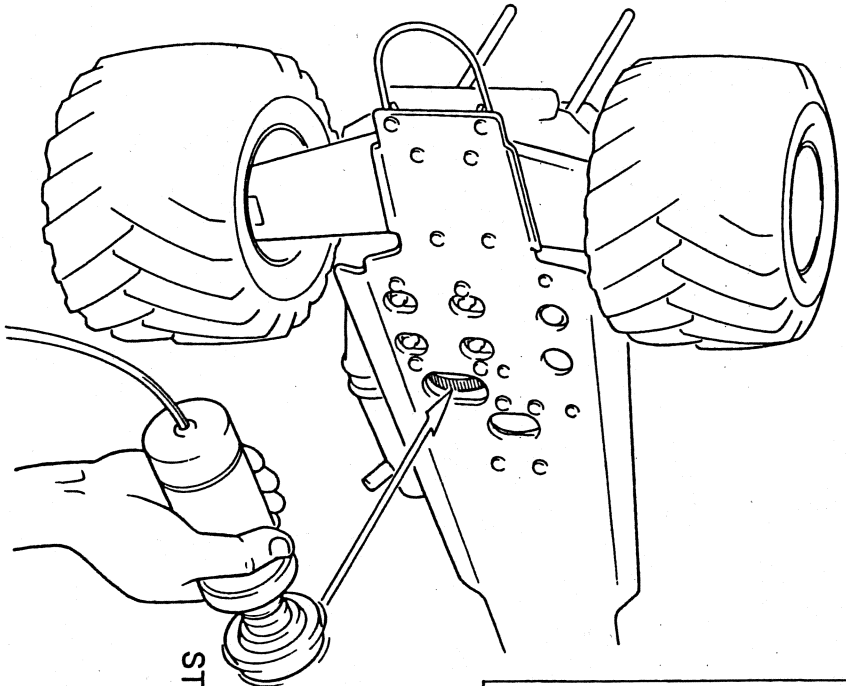
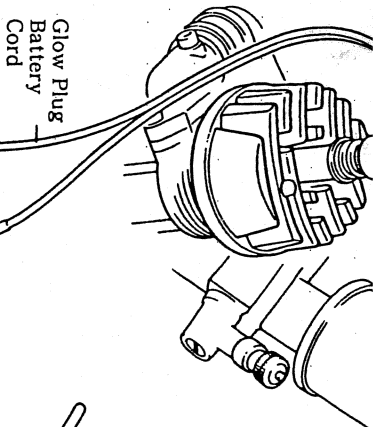
27 INSTALLATION OF BODY

These parts are in the bag (US-2).



Bend the body pins up at the ends. This will allow you to remove them easily.





STAGE 2

Spin the flywheel with the starter.

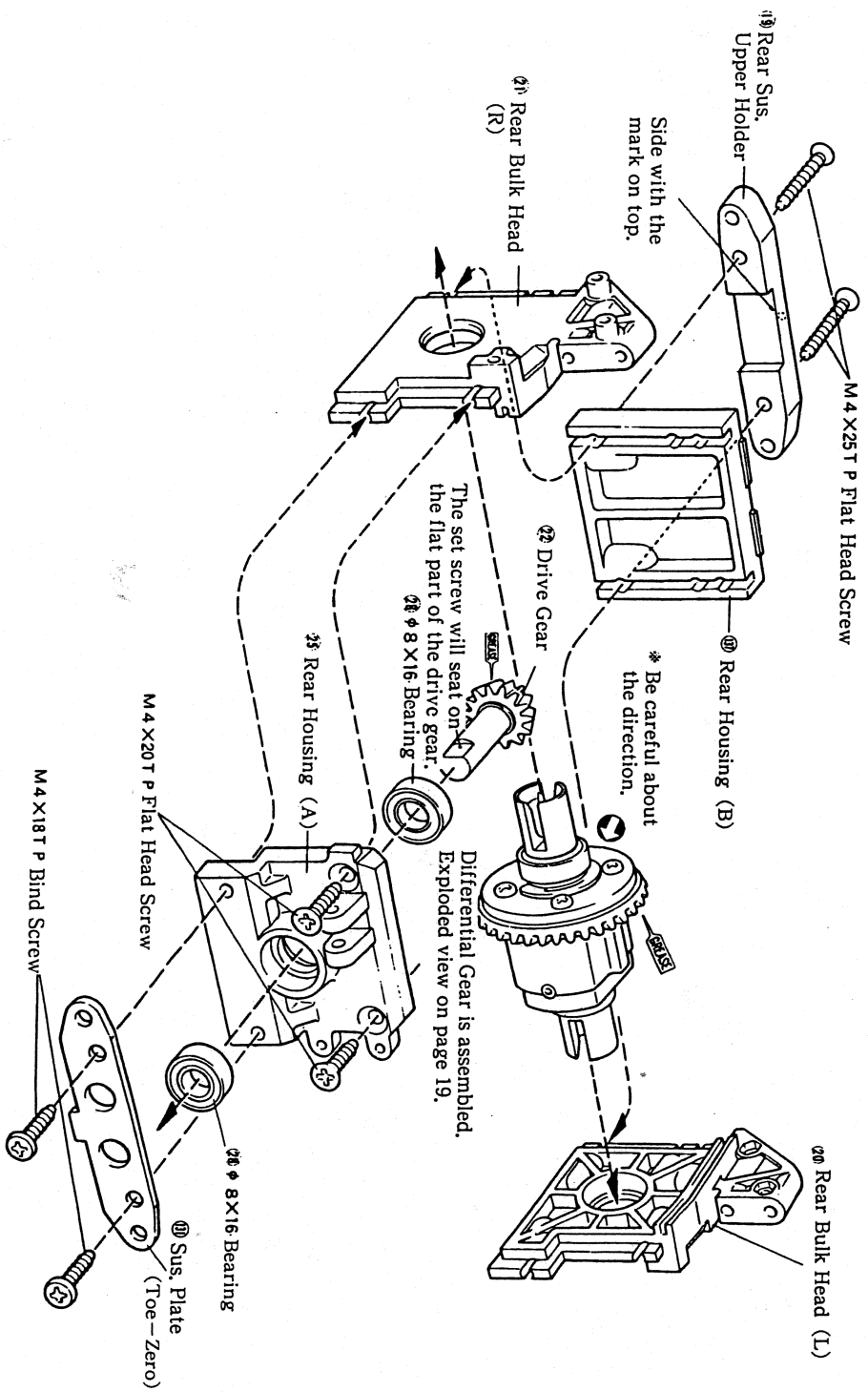
It is equipped with a high power 12 volt DC motor. It powers your model with fast rotation and high torque.

It will start all models such as racing and buggy cars, air planes, helicopters and boats mounted with small to large sized engines.

No. BZ-1

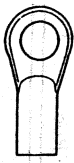
No. 1791

EXPLODED VIEW OF REAR GEAR BOX








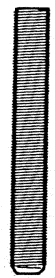
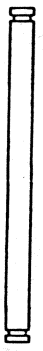


3	Spring Holder	8	68	+	(B)	1	18	Differential Housing	2	
4	Spring Adjuster	8	67		Front Gear Cover	1	18	Center Diff. Housing	1	
5	Shock Ring	8	66		Servo Saver Spring	1	10	Sus. Plate (Toe-zero)	1	
6	Shock Spring (gold)	8	69		Servo Saver Horn (A)	1	10	E Ring (E-10)	2	
7	Shock Case	8	70	+	(B)	1	10	Front Sus. Upper Holder	1	
8	Shock End	8	71	+	(C)	1	10	Strap (M)	3	
9	Pressure Top	8	72		E Ring (E-7)	2	15	Rear Shock	1	
10	Shock Cap	8	73		Tie Rod (A)	3	16	Servo Spacer	2	
11	Shock Shaft	8	74	+	(B)	1	10	Rear Housing (B)	1	
12	Shock Pivot	1	75		φ 6 Aluminum Collar	2	10	Front Suspension Arm	2	
13	+	1	76		Antenna Pipe	1	10	Silicone Grease	1	
14	+	1	77		Radio Plate	1	10	Screw Locking Compound	1	
15	+	1	78		Switch Boot	1	10	Rear Hub (L)	1	
16	Front Body Mount	2	79		Servo Fixing Post	4	10	Engine Control Rod	1	
17	Rear	2	80		Strap (L)	1	10	Main Chassis	1	
18	Rear Suspension Holder	1	81		φ 8 X16 Bushing	16	10	Upper Suspension (C)	2	
19	Rear Sus. Upper Holder	1	82		Center Shaft	2	15	Decal	1	
20	Rear Bulk Head (L)	1	83		Mount Plate	2	16	Air Cleaner	1 set	
21	+	1	84		Torque Rod Pivot	1	10	φ 4 X64 Shaft	2	
22	Drive Gear	2	85		Fuel Tank Pivot	1	10	φ 38 Muffler Baffle	1	
23	Joint	2	86		Bumper	1	10	Drive Bevel Gear	2	
24	Suspension Plate	1	87		Manifold	1	10	Center Diff. Spring	1	
25	Rear Housing (A)	1	88		Engine Mount	2	10	Radio Cover	1	
26	Rear Suspension Arm	2	89		Flywheel	1	10	Side Guard	2	
27	Rear Hub (R)	1	90		Clutch Pin	2	15	Brake Rod	1	
28	φ 8 X16 Bearing	2	91		Pilot Shaft	1	10	Diff. Case Packing	3	
29	Upper Suspension (A)	2	92		Clutch Shoe	2	15	φ 5 X10 Bearing	2	
30	+	4	93		Clutch Spring	1	15	φ 5 X10 Collar	1	
31	M 5 X35 Shaft	4	94		Clutch Bearing Case	1	15	Counter Gear	1	
32	Rear Wheel Shaft	2	95		Clutch Roller	8	15	Counter Gear Mount	1	
33	Swing Shaft	2	96		E Ring (E-3)	1	15	Counter Gear Shaft	1	
34	Rear Shock Slay	1	97		E Ring (E-4)	1	15	Rear Bumper (Plate)	1	
35	φ 3 X27 Shaft	4	98		Muffler (A)	1	10	Front Bumper (Plate)	1	
36	φ 3 X44	8	99	+	(B)	1	10	Front Grill	1	
37	φ 4 X77	2	100		Servo Fixing Slay (A)	1	15	Front Grill Stopper	2	
38	E Ring (E-3)	9	101	+	(B)	1	10	Headlight Lens (R)	1	
39	φ 3 Stopper	4	102		Tank Cap	1	15	Position Light Lens	1	
40	Rear Gear Cover	1	103		Tank Seal	1	16	Door Mirror (R)	2	
41	Shock Bush	8	104		Fuel Tank	1	16	Door Mirror (L)	1	
42	φ 6.8 Ball	7	105		Aluminum Pipe	1	14	Door Mirror Stopper	2	
43	φ 6.8 Ball End	8	106		Rubber Bush	1	14	Roll Bar (R)	1	
44	φ 8 Aluminum Collar	2	107		Tube	1	10	Roll Bar (L)	1	
45	Front Housing (A)	1	108		Plate Joint	1	10	Roll Bar Back Slay (R)	1	
46	+	1	109		Steering Rod	1	10	+	(R)	1
47	Front Bulk Head (R)	1	110		φ 2 Stopper	5	10	Fog Light Cover	1	
48	+	1	111		Engine Control Spring	1	10	Fog Light	5	
49	Front Shock Slay	1	112		Linkage Guide (B)	1	10	Fog Light	1	
50	Knuckle Arm (R)	1	113		Wheel	4	10	Dummy Air Cleaner Cover	3	
51	+	1	114		Tire	4	10	Dummy Air Cleaner	3	
52	Hub Carrier (R)	1	115		Brake Lining	2	10	Carburetor	1	
53	+	1	116		Universal Joint	4	10	Double Sided Tape	1	
54	King Pin (L)	4	117		φ 2.6 X16 Shaft	4	10	Mirror Seal	1	
55	M 3 Pivotal Ball	8	118		Wheel Stopper	4	10	Shock Oil	2	
56	Spur Gear	1	119		O Ring (L)	4	10			
57	Center Diff. Housing (A)	1	120		Wheel Stopper Bolt	4	10	φ 8 X16 Washer (Alumi.)	4	
58	+	1	121		Body	1	10	φ 5 Lock Ring	6	
59	Disk Brake	1	122		Body Pin	8	10			
60	Brake Pads	2	123		Differential Case	3	10			
61	Brake Cam	1	124		Bevel (L)	6	10			
62	Brake Stopper	1	125		+	(S)	6			
63	Brake Lever	1	126		Bevel Shaft	3	10			







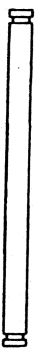

(E) Shock End 8







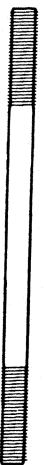
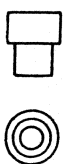

3 ASSEMBLY OF REAR GEAR BOX

- MAX15TP Bind Screw...4 
- M3 X18 Cap Screw . 4 
- M4 X20 T P Flat Head Screw2 
- M4 X25 T P Flat Head Screw2 
- M3 Flange Nut.....4 
- (2) E Ring (E-2.5).....4 
- M5 X4 Set Screw.....1 
- (1) M5 X35 Shaft2 
- (3) φ 3 X44 Shaft2 

4 INSTALLATION OF REAR SUSPENSION ARM

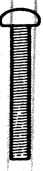
- MAX10TP Bind Screw4 
- M3 X3 Set Screw.....2 
- M4 X12 Set Screw...2 
- (2) E Ring (E-2.5).....4 
- (3) E Ring (E-3)4 
- (3) φ 3 X27 Shaft2 
- (3) φ 3 X44 Shaft2 
- (3) φ 4 X77 Shaft2 


5 INSTALLATION OF REAR SHOCK


- M2.6X18TP Round Head Screw4 
- M3 X15 Bind Screw1 
- M3 Nylon Nut4 
- (3) M3 Pivot Ball (silver)4 
- (3) Tie Rod (A)1 
- (1) Shock Bush4 
- (3) φ 6.8 Ball End ...2 

bind screw


M3 X18 Cap Screw . 4 

M3 X18 Round Head Screw2 







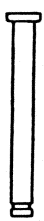
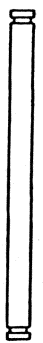
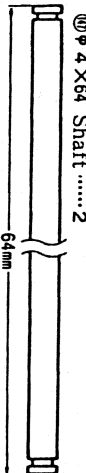
M4 X20 T P Flat Head Screw2 

M4 X25 T P Flat Head Screw2 












M5 X4 Set Screw...1 

M3 Flange Nut6 


7 INSTALLATION OF FRONT SUSPENSION ARM


- MAX10TP Bind Screw4 
- M3 X3 Set Screw.....2 
- M4 X12 Set Screw...2 
- (2) E Ring (E-2.5).....8 
- (3) E Ring (E-3)4 
- (1) M5 X35 Shaft2 
- (3) φ 3 X27 Shaft2 
- (3) φ 3 X44 Shaft4 
- (3) φ 4 X64 Shaft2 

8 INSTALLATION OF FRONT SHOCK




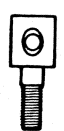

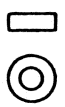

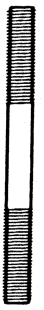
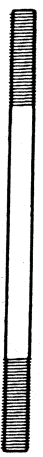
- M2.6X16TP Round Head Screw2 
- M2.6X18TP Round Head Screw2 
- M3 Nylon Nut4 
- (3) M3 Pivot Ball (silver)4 
- (4) Shock Bush4 
- (3) M3 X15 Bind Screw2 
- MAX15TP Bind Screw4 
- M4 X8 Bind Screw3 
- M3 X18 Cap Screw...2 
- M3 X3 Set Screw...1 
- M5 Flange Nut.....1 

φ 5 X10 Washer1 


φ 5 X12 Washer.....2 

(φ) φ 5 X10 Collar.....1 

11 ASSEMBLY OF STEERING PORTION


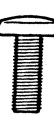






- M3 X25 Bind Screw2 
- M4 X8 Bind Screw2 
- M3 Nylon Nut3 
- (4) Linkage Guide (A) . 1 
- φ 3 Washer4 
- (7) φ 6 Aluminum.....2 Collar 
- (4) φ 6.8 Ball End ...6 
- (7) Tie Rod (B)1 
- (7) Tie Rod (A).....2 

12 INSTALLATION OF RADIO SYSTEM

MAX15TP Bind Screw4 

(7) Servo Fixing Post.....2 

13 INSTALLATION OF REAR ASSEMBLY.

- M3 X10 Bind Screw1 
- M4 X10 Bind Screw2 
- M3 X10TP Bind Screw1 
- MAX15TP Bind Screw4 
- M4 Flange Nut.....2 
- (4) INSTALLATION OF FRONT ASSEMBLY
- M3 X12 Flat Head Screw2 
- M4 X20 T P Flat Head Screw2 
- MAX15TP Bind Screw2 

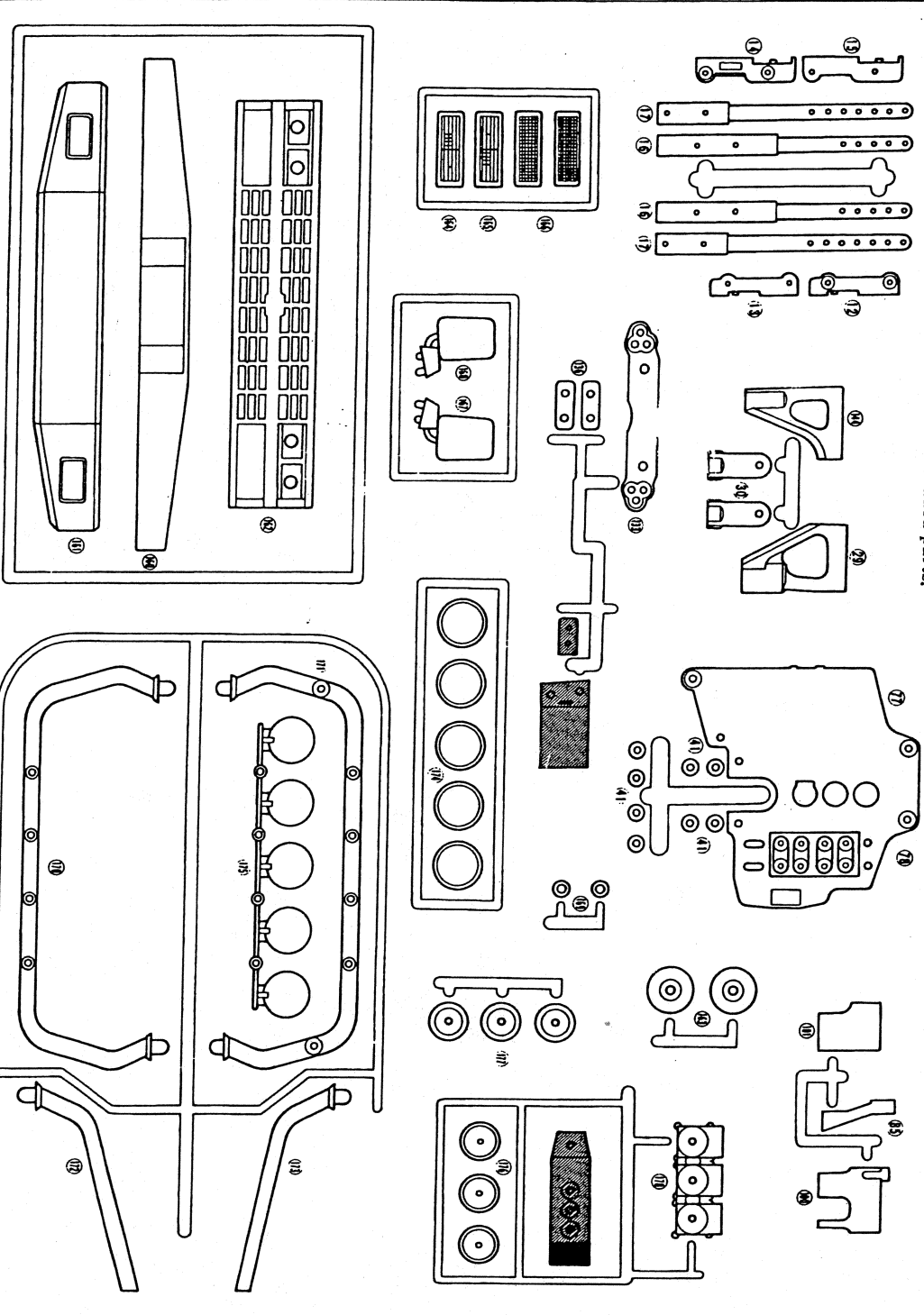
- M3 X25 Cap Screw... 1
- φ 5 X10 Washer 1
- φ 6 X18 Washer..... 1
- Ⓔ E Ring (E-3) 1
- 16** INSTALLATION OF ENGINE & ENGINE CONTROL SERVO.
- M3X10T P. Bind Screw 2
- M3X15T P Bind Screw 6
- M3 X15 Bind Screw 1
- M4 X8 Bind Screw 4
- MAX10 Flange Cap Screw 4

- Ⓓ Aluminum..... 1
- Pipe
- In case of large servo.
- Ⓓ Servo Spacer 2
- 17** INSTALLATION OF RADIO PLATE
- M3X10T P Bind Screw 4
- MAX15T P Bind Screw 2
- M4 X15 Bind Screw 2
- M3 X3 Set Screw..... 1
- Ⓕ φ 8 Aluminum..... 2
- Ⓖ Collar
- Ⓗ Steering Rod ... 1
- 89mm
- 18** LINKAGE OF ENGINE CONTROL
- M3 X3 Set Screw..... 5
- M2 Nut 1

- Ⓓ Brake Rod 1
- 20** INSTALLATION OF TIRE
- Ⓖ φ 8 X16 Washer... 4 (Aluminum)
- Ⓗ φ 2.6X16 Shaft ... 4
- Ⓖ O Ring (L)..... 4
- 23** INSTALLATION OF CARBURETOR
- M3X8 T Bind Screw... 5
- 24** ASSEMBLY OF ROLL BAR
- M2.6X8 T P (silver) ..10 Round Head Screw
- 25** INSTALLATION OF ACCESSORIES PARTS
- M3X8T P Bind Screw 6
- Ⓖ Door Mirror ... 2
- Stopper

DRAWING OF PLASTIC PARTS WITH RUNNERS

* Do not use the shaded parts.



No.	Parts Name	Key # & Qty
BS-3	Sus. Holder Set	10 19 37 38 39 40 41 42 X2
BS-4	Rear Bulk Head	20 31 35 36 X1
BS-5	Front Bulk Head	45 46 47 48 X1
BS-6	Lower Sus. Arm Set	20 20 X2
BS-7	Upper Sus. Arm Set	20 20 X2 30 X4
BS-8	Front Hub Carrier	32 33 X1
BS-9	Rear Hub Carrier	27 28 X1
BS-10	Front Shock	40 X1
BS-12	Radio Plate	77 X1 44 79 X4
BS-13	Shaft Set	35 36 X8 37 40 X2
BS-14	Drive Bevel Gear Set	22 40 X1
BS-16	φ 8 X16 Bearing	28 X2
BS-17	Rear Wheel Shaft	32 X2
BS-18	Gear Cover	40 47 X1
BS-21	Brake Set	39 41 42 43 44 X1 40 49 X2
BS-22	Servo Saver Set	66 68 69 70 71 X1 65 X2 72 X4
BS-23	Tie Rod Set	74 X1 75 X2 42 43 X6
BS-25	Engine Mount	33 34 X2
BS-26	Manifold	37 X1
BS-27	Muffler	50 51 52 X1 53 X2
BS-28	Fuel Tank Set	45 46 47 48 49 X1
BS-33	Wheel Stopper Set	40 40 40 X4
BS-35	Diff. Case	47 X1 48 X1
BS-36	Diff. Bevel (L)	49 X2
BS-37	• (S)	49 X2
BS-38	Bevel Shaft	49 X2
BS-39	Diff. Joint	49 X2
BS-40	Center Diff. Joint	49 X2
BS-41	Diff. Housing	47 X1
BS-42	Center Diff. Housing	47 48 X1
BS-43	Linkage Set	44 45 46 47 X1 48 X6
BS-44	Flywheel	40 X1 49 X2
BS-45	Swing Shaft	50 X2
BS-46	φ 6.8 Ball	42 X10
BS-47	E Ring(E-10)	40 X10
BS-50	Aluminum Collar Set	44 X1 44 49 X2
BS-51	Main Chassis	49 X1
BS-52	φ 2.6 X16 Shaft	40 X10
BS-55	Wheel Stopper Bolt	40 40 X6
BS-20	Universal Joint	40 X2
BS-76	Cut Knuckle Arm	50 51 X1
BS-77	φ 8 X16 Bushing	81 X2
BS-78	Radio Cover	40 X1
BS-79	Switch Boot	70 X3
BS-80	Shock Stay (USA-1)	24 34 45 46 X1
BS-81	Rear Bumper (")	40 X1
BS-82	Body (USA-1)	40 X1
BS-83	Tire (USA-1)	40 X2 GP Hard Type
BS-84	Counter Gear Set	36 36 40 X1
BS-85	Counter Gear Shaft	40 X1
BS-86	Counter Gear Mount	40 X1
BS-87	Wheel (USA-1)	40 X2 GP
BS-88	Screw Set (USA-1)	1 set GP

No.	Parts Name	Key # & Qty
BSW-49	Toe-Zero Rear Plate	40 X1
FM-29	Body Pin	40 X10
FM-73	Pilot Shaft	40 X1
FM-185	Joint	43 X2
KC-7	King Pin	44 X4
KC-18	φ 3 Stopper	48 X10
KC-20	E Ring(E-4)	47 X4
KC-45	Special Clutch Shoe	43 X1 44 X2
LD-70	Clutch Bearing	40 X1 43 X8
SD-54	Clutch Bell (13T)	40 X1
SD-79	Antenna Pipe	76 X5
OT-31	M3 Pivot Ball	49 X10
OT-38	Silicone Grease	40 X2
OT-39	E Ring(E-2.5)	(2) X10
E F-38	Strap	40 X6
E F-39	NiCd Strap	40 X6
CB-72	E Ring (E-3)	30 X4
CB-110	Air Cleaner	40 X1
CB-151	Center Shaft	40 X2
FD-38	Black Shock (L)	(1)(3)(4)(3)(6)(7)(8)(9)(10) X2 (2) X4
TB-51	Body Mount	12 13 14 15 X1 16 17 X2
UM-84	Side Guard	40 X2
DA-19	Carburetor Set	40 40 X3 40 X1
DA-30	Accessories Set	40 40 40 40 40 X1 40 40 X2
DA-31	Roll Bar Set	40 40 40 40 X1 40 X5
DA-35	Decal (USA-1)	40 40 X1
1840	Double Sided Tape	40 X1
1878	ScrewLockingCompound	40 X2
1901	Ball Bearing (5x10)	40 X2

Optional Spare Parts

FM-75	Clutch Bearing	Full Ball Type
FM-82	Clutch Bell(112)	
SD-53	• (12T)	
SD-55	• (14T)	
FM-222	• (15T)	
FM-180	Special Engine Mount	17S
BS-20	Universal Joint	40 + 40
BS-65	Fuel Tank	
BSW-1	Drive Bevel (S)	Steel
BSW-2	• (L)	Steel
BSW-3	Special Manifold	OS-ENVVA
BSW-22	Flywheel	OS-21EX OPS
BSW-48	Custom Silencer	
1951	Shock Oil (S • M • H)	x 3
1953	Silicone Oil (S)	Viscosity 100S C.200S C
1954	• (M)	• 300S C.400S C
1955	• (H)	• 500S C.600S C
1956	• (Super Hard)	Diff.
BS-53	Shim Set	φ 4 X10. φ 6 X18. φ 12 X16. φ 8 X12
NB-13	Light Set	Light 2 Battery Case

The Super Hobby



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