# GALLAXYR/C OFF-ROAD RACING BUGGY

READY TO ASSEMBLE RADIO CONTROL OFF-ROAD RACING CAR MODEL KIT/REQUIRES TWO CHANNEL, TWO RADIO CONTROL EQUIPMENT AND 7.2V RACING PACK NI-CO BATTERY/INCLUDES MARUI 360RS HIGH SPEED MOTOR



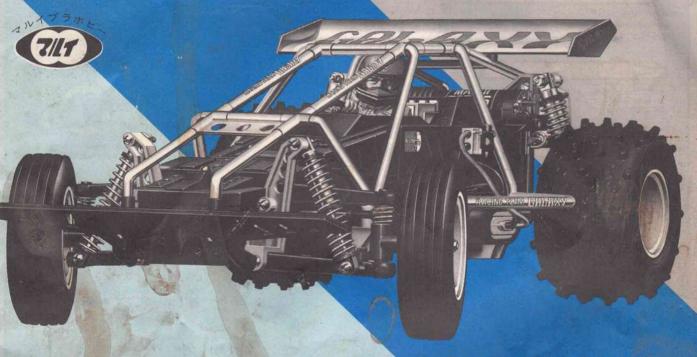
With 360RS High Speed Motor

1/10 Size, Electrically Powered, Radio Controlled Buggy Racing Model

### MODELLING SKILLS HELPFUL IF UNDER 10 YEARS OF AGE.

DIFFERENTIAL GEAR DRIVE SYSTEM.
CHANGEABLE PINION GEAR RATIOS.
STRAIGHT RIBBED FRONT TIRES.
WART PATTERN REAR TIRES.
DURABLE POLY&ARBONATE
REAR WING. ADJUSTABLE
SUSPENSION SPRING.
ASSEMBLED SPEED
CONTROLLER.

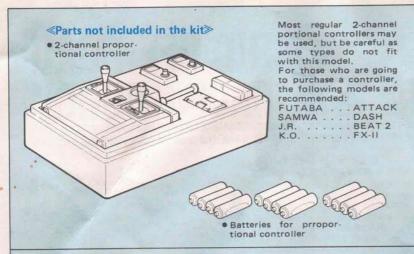




Tokyo Marui Plastic Model Co., Ltd

HIGH PERFORMANCE R/C OFF-ROAD RACING CAR

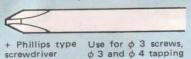




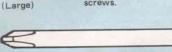
· Battery for driving: 7.2 or 6 V Ni-Cd battery Special battery charger Ni-Cd battery

Use either 6 V or 7.2 V racing Ni-Cd battery. The battery may be recharged up to 300 times using a special charger connecting with household 100 V current or a qick charger (15 to 20 min) connecting with a 12 V power supply such as a car cigarette lighter plug.

### ≪Tools required for assembly≫



screws.



Phillips type screwdriver (Middle)

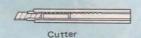
Use for damper shaft,  $\phi$  2.6 tapping screws, and \$2 screws.

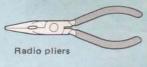


Plain screwdriver (Middle)

### + Only phillips type screwdrivers are shown in actual sizes.

This kit includes many tapping screws. Use proper screwdriver and adequate torque to tighten screws. Release turning pressure on the screwdriver when the screw becomes tight and does not rotate any more. Be careful not to damage screws by applying too much torque.





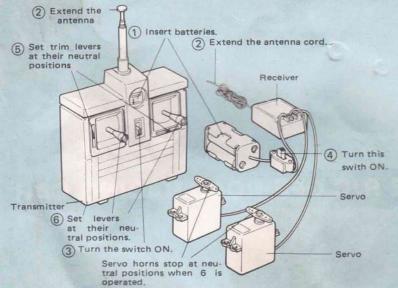




Cutting pliers

and scotch tape Small hammer

# ≪Radio control unit≫



Most of 2-channel digital proportional radio controller can be used for this model. But be careful as some types of 2-channel unit do not fit. Receivers and servos of controllers with 3 channels or more may not fit with this model.

- Check the controller operation
- Insert batteries in the transmitter and receiver
- Extend the antenna of transmitter and receiver
- Turn ON the transmitter power switch. (Always turn ON the transmitter switch first.)
  - Turn ON the receiver power switch
  - Set the levers at their neutral positions.
  - Set the levers at their neutral positions. (The servo horns stop at their neutral positions.)
- Check servos operate correctly by moving
- Turn off the receiver and then transmitter switches in this order when test is complete,

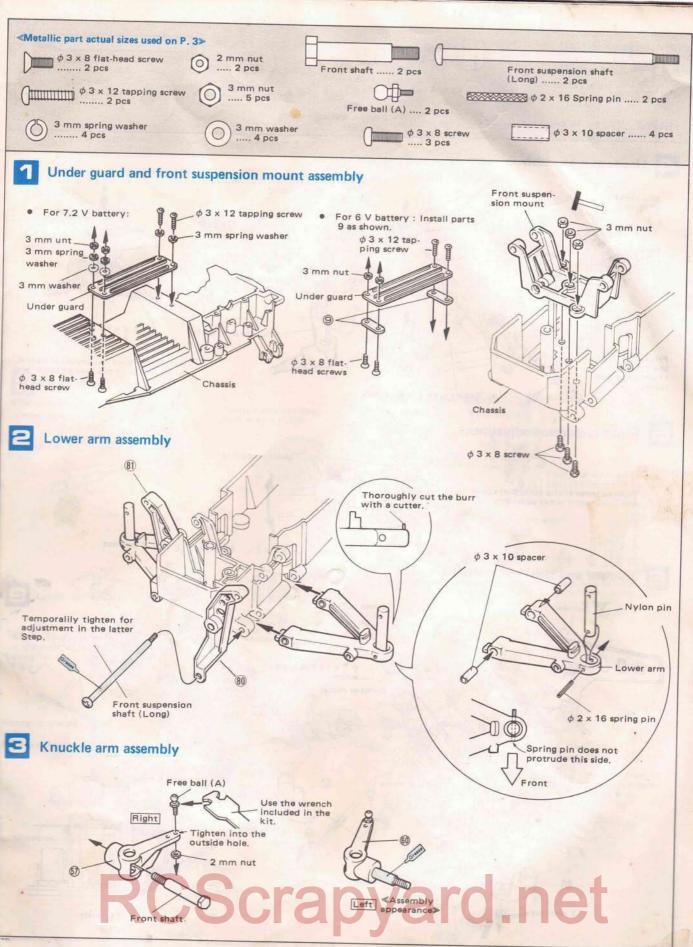
See the radio controll equipment instruction sheet for details.

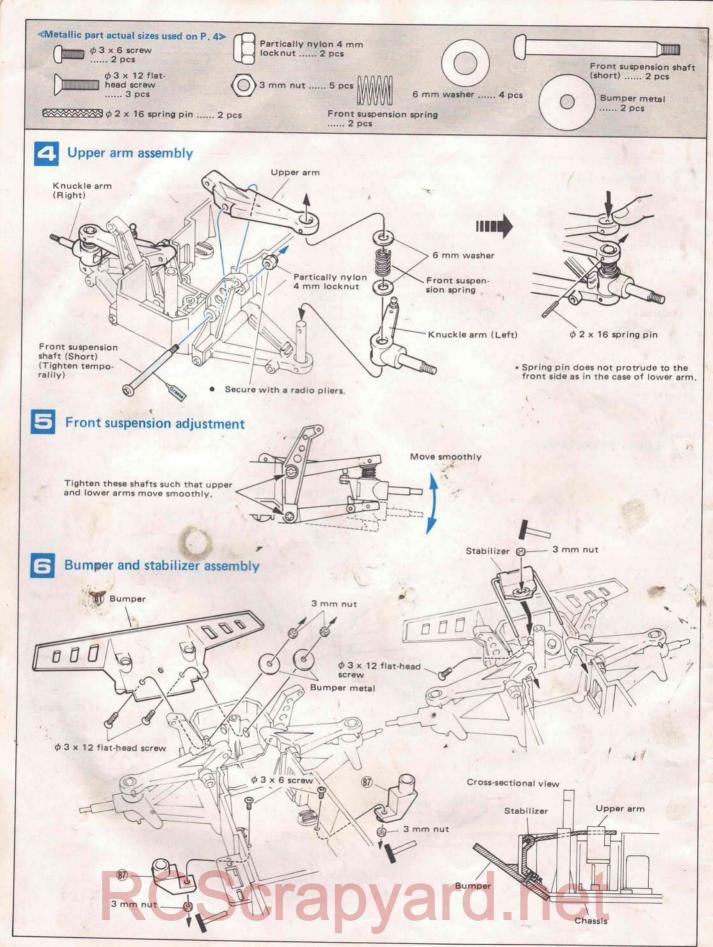
# \* Read the following instructions carefully before assembly

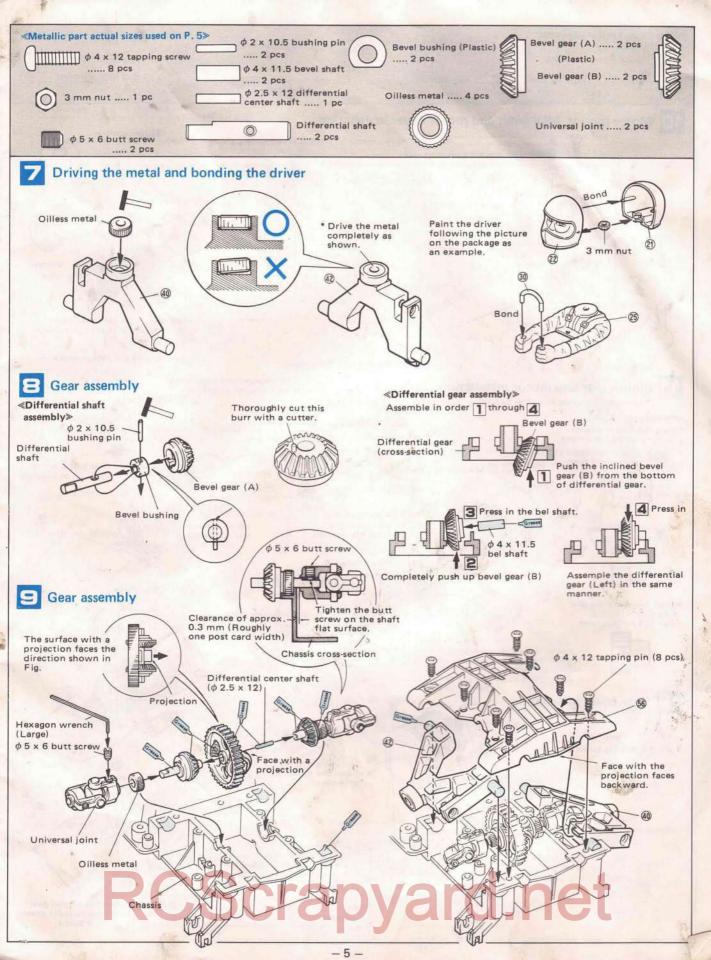
- Read the entire assembly instruction before beginning assembly.

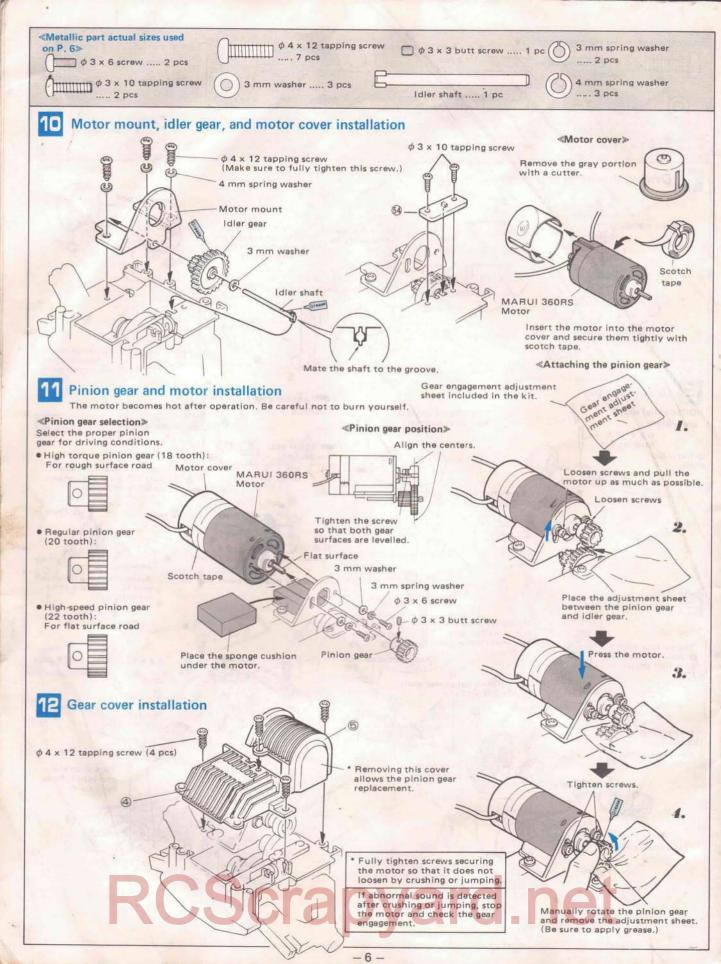
  A mark indicates the portion where grease included in
- the kit must be applied. Use a small hammer when the mark is shown in the figure. The actual sizes of all screws, washers, etc. are shown to simplify
- the assembly and ensure that correct parts are used.
- Some screws, nuts, and washers may be left over as more than required numbers are included in this kit, Use them as spare parts.
  - Thoroughly remove plastic part burrs with a cutter. Strengthened nylon part burrs must be completely removed as they may
  - impair driving performance. (Be careful not to cut your fingers with a cutter.)

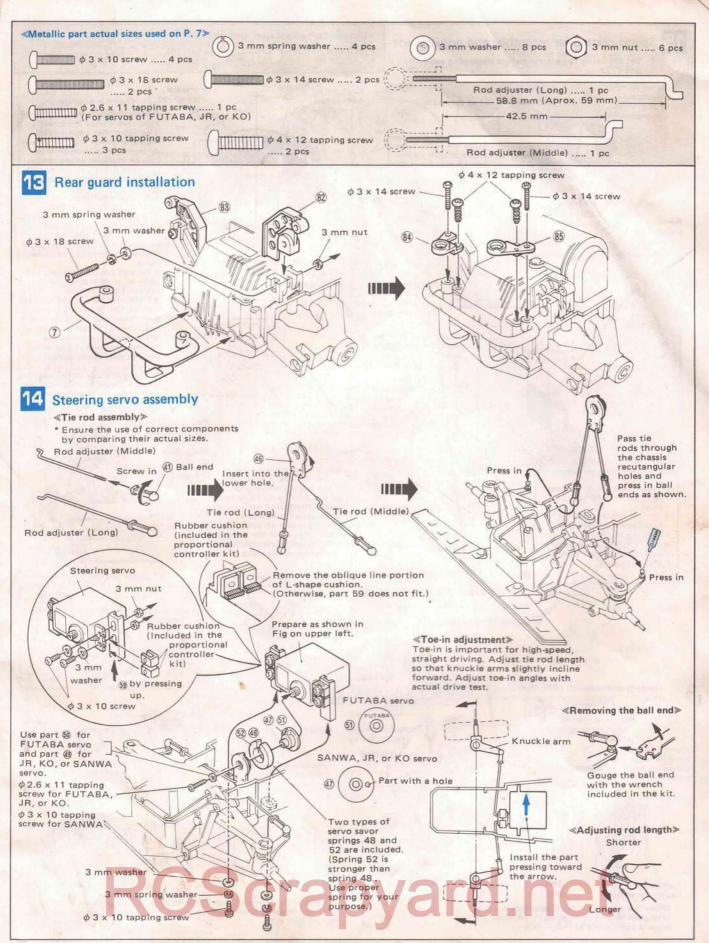


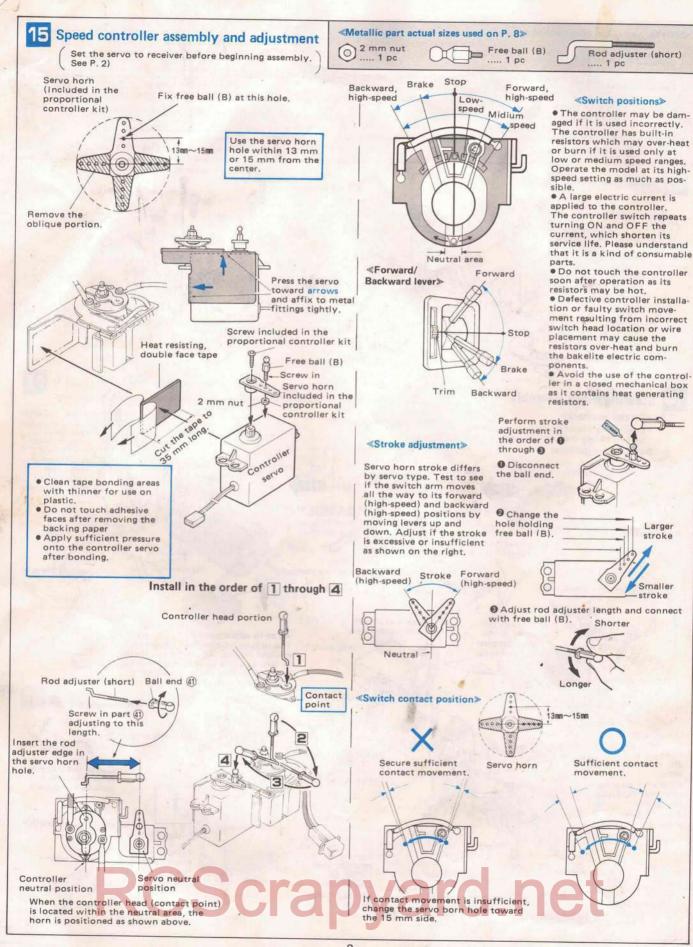


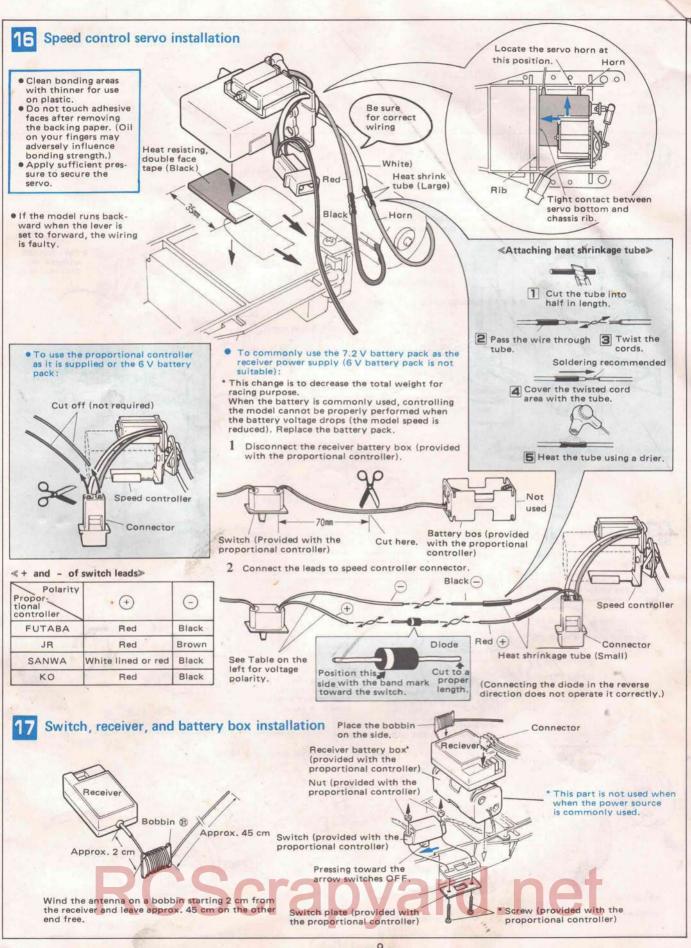


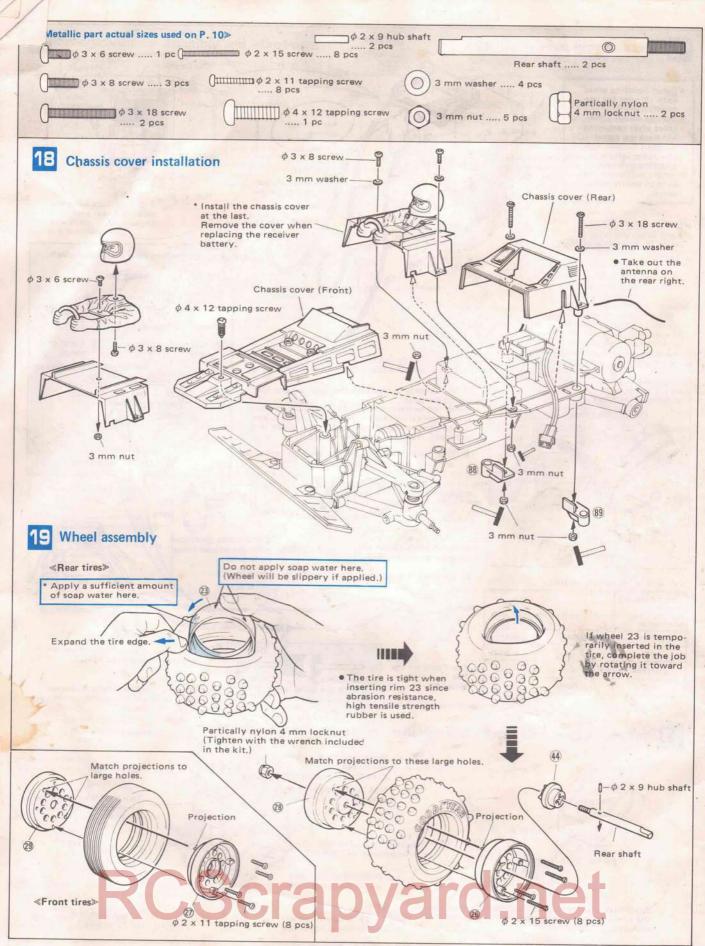


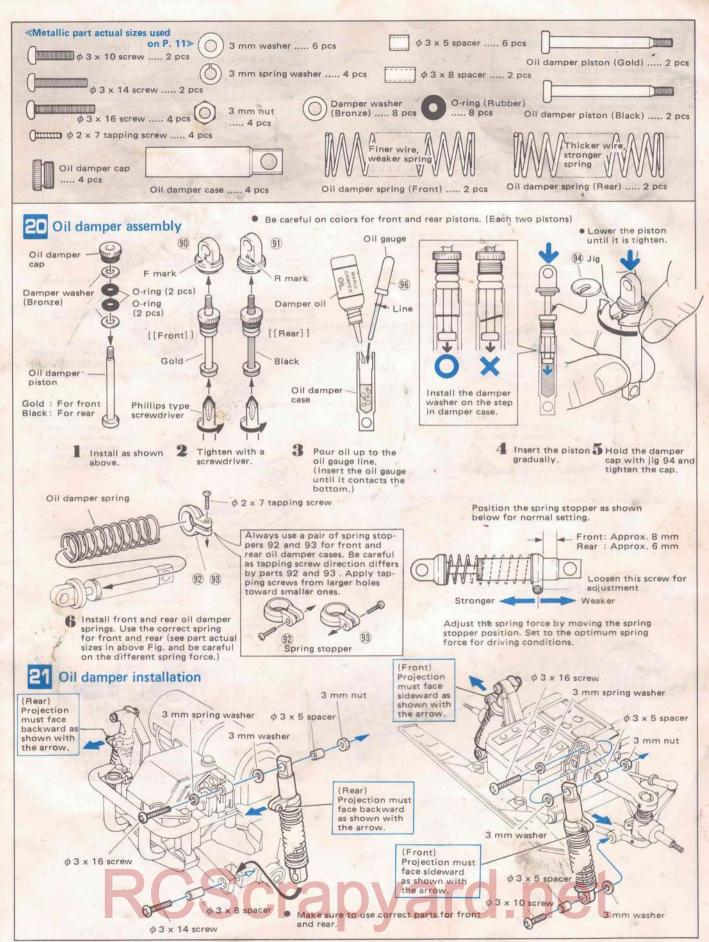


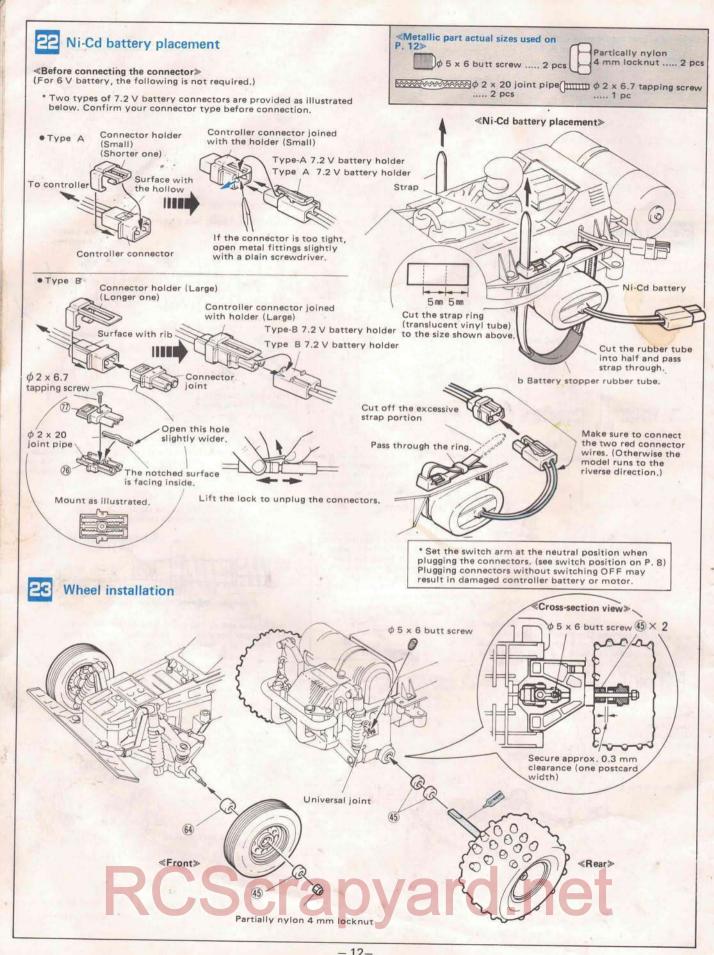


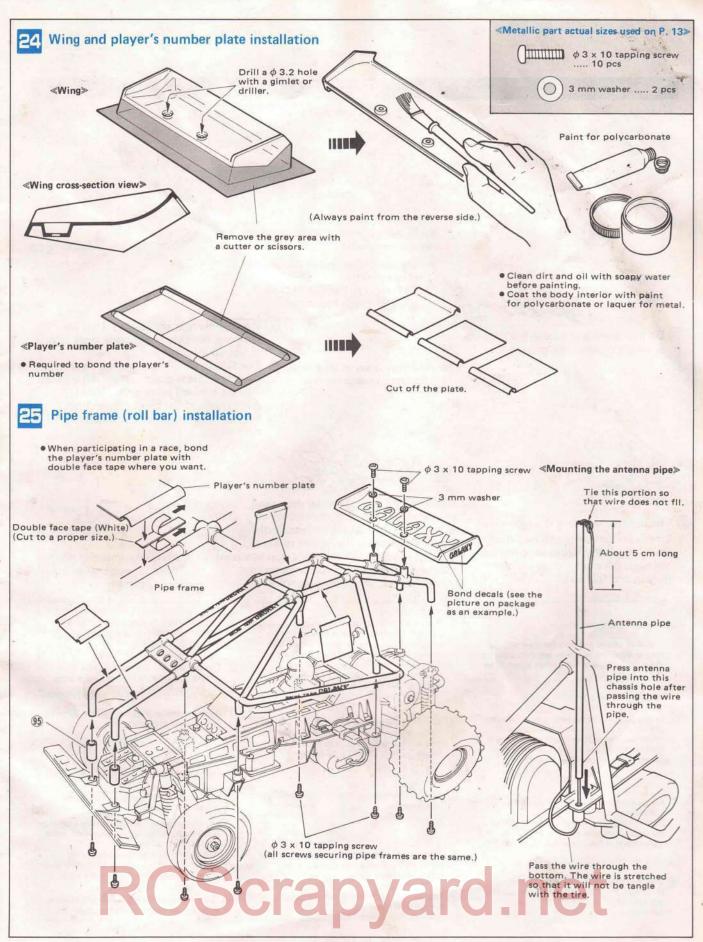






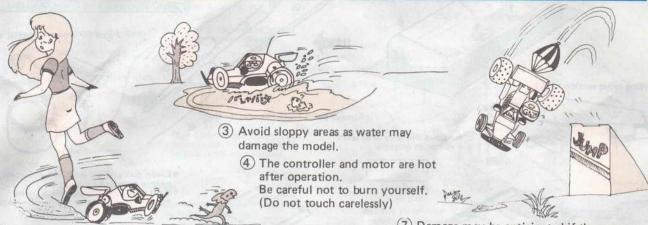






# Handling precaution

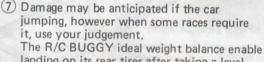
# The R/C BUGGY is designed as a high-speed off-road racing car. Be careful while handling and operating this model.



1) Do not operate at a crowded location or where children are present.



S Avoid grassy areas as long grass may become wound on drive shafts.



landing on its rear tires after taking a level straight forward jump at full-speed.
Avoid unbalanced front tire landings because these heighten the possibility of



2 The car may overturn if a high-speed turn is performed on a paved road or grassy lawn. Make sure to remember the basic principle for cornering, slow in and fast out.

6 When driving is impaired by deep sand, obstacles, or wound grass or string on drive shafts, do not try to drive further, but set the transmitter levers to their neutral positions (controller's stop position). Be careful because the motor bears an excessive load under these conditions.

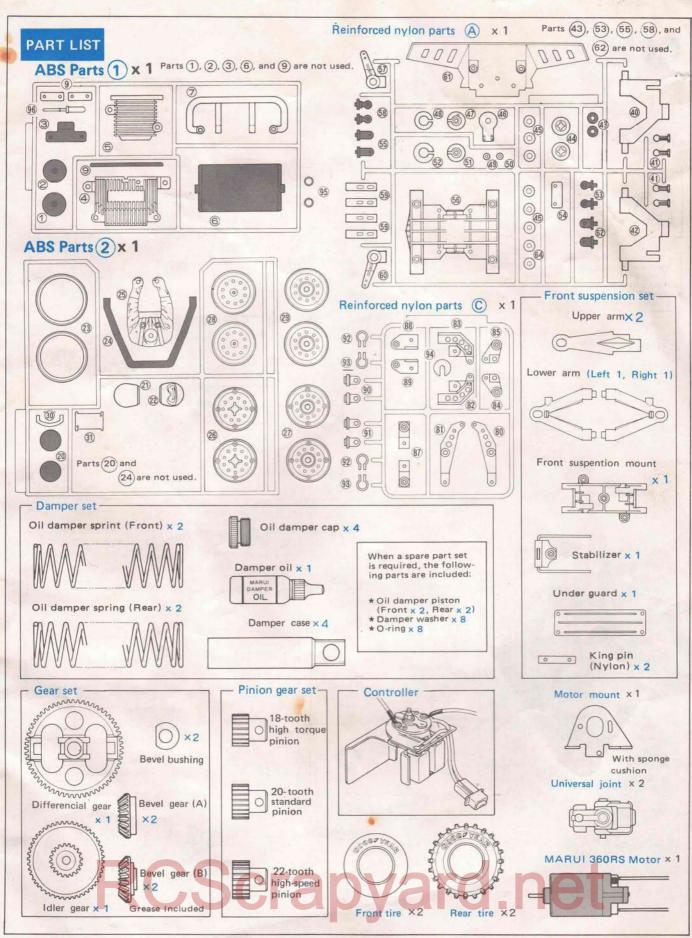
8 It is recommended not to drive in rough areas with many stones.

### Checks before driving

- ① Check all screws and nuts for tightness. Pay special attention to screws and nuts securing the suspension, and butt screws attached to the universal joint.
- ② Check gears for correct engagement. Faulty pinion gear engagement due to loosened motor securing screws may cause idler gear damage. Check the pinion gear butt screw for correct tightness. (See Page 6.)
- 3 Are proportional controller batteries supplying sufficient power? Receiver battery life is shorter than that of the transmitter, and early battery replacement is recommended. (See Page 2.)
- Does the controller operate correctly?
   Make sure that the controller is correctly adjusted. (See Page 8.)

- 5) Does the steering operate correctly? Perform a test run to see if the car runs straight. If not, turn the steering lever trim toward the reverse direction of the car's drift. If still not corrected, adjust the steering rod length as instructed in the assembly sheet. (See Fig. 14 of page 7.)
- Are all wire connections tight?
   Faulty insulating vinyl or soldered areas may cause short circuit. Repair using vinyl insulating tape. (See Fig. 18 of Page 9.)
- 7 Are drive batteries sufficiently charged? (See Page 2.)
- Following troubles may be corrected through performance of above described checks before operation.
- 1 The car does not move forward although the motor is operating, See Page 5, 6, 8, and 12.

- ② Irregular motor or gear sound. Rear wheels do not rotate smoothly. See Page 5, 6, and 12.
- 3 The car does not respond properly to control or runs at random during driving. See Page 2, 7, and 8.
- Speed controller does not operate correctly including no full-speed drive.
   See Page 8.
- Faulty straight driving, or turning to the right and left differs. See Fig. 14 to of Page 7.
- 6 Controller, drive batteries, or wires are over-heated. See Page 8.
- Tor faulty proportional controller operation including improper servo movement, check the following points:
  Sufficient power supply by batteries, correct (+) and (-) battery connections, an discontinuous servo or connector wires.
- 8 If the faulty operation is still not correcte after the above, contact your dealer for repair.





 Some types of screws and nuts are included excessively for spare part use.
 ("φ3" in figures represents "3 mm diameter")

2 mm nut x 3 3 mm nut x 26



0

0

Partially nylon
4 mm lock nut x 6

- Washer set -

Heat shrinkage tube (Large) x 1
Heat shrinkage tube

Translucent tube x 1

Rubber tube x 1 Sponge x 1 Pliers x 1 Bond x 1 Grease x 1

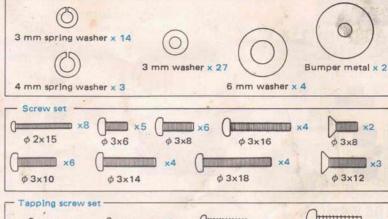
### Other Parts

(Small) x 1

Chassis x 1
Chassis cover (Front, Middle, Rear) ..... 1 each,
Pipe frame x 1
Heat resisting, double face tape (Black) x 1
Double face tape x 1
Gear engagement adjustment sheet x 1

Wing x 1 Player's number plate x 1 Motor cover x 1 Decal sheet x 1 Strap x 2

\* Spare parts may be purchased separately.



Tapping screw set

Ottimes x4 Ottimes x8 Ottimes x1

φ 2x7 tapping screw φ 2x11 tapping φ 2.6x11 tapping screw φ 4x12 tapping screw

Ottimes x4 Ottimes x8 Ottimes x1

φ 2x7 tapping screw φ 3x12 tapping screw

φ 4x12 tapping screw

φ 3x10 tapping screw φ 3x12 tapping screw

