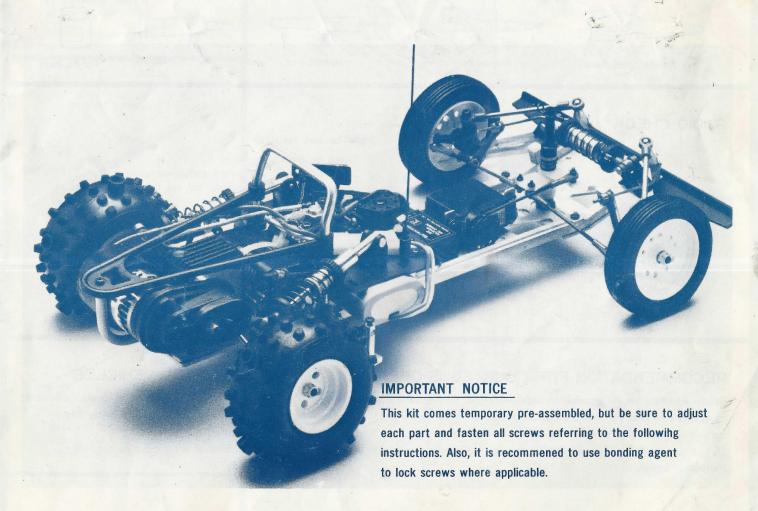
RADIO CONTROLLED RACING OFFROADER

INSTRUCTION AND ASSEMBLY MANUAL



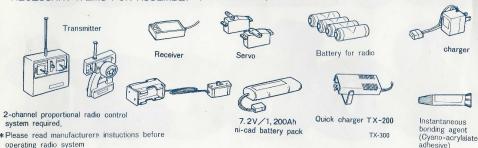
THE AYK RACING

#### RADIO CONTROL SYSTEM

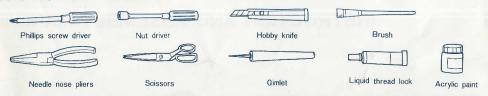
A 2-channel digital proportional radio is required to opperate a RC car. Any standard system can be used, however, 3-8 channel system may not be applicable depending on the receiver size. Rechargeable nickel-cadium batteries (ni-cads), are highly efficient and can be used as many as 300 times or more.

There are two basic types of battery chargers. The more common of the two is a low rate or trickle charger which operates off normal household current and requires approximately 15 hours to fully charge the system. A quick charger is also available, requiring only 15 minutes to fully charge the system. This type of charger operates off a 12 volt power source such as an automobile or motorcycle battery.

### NECESSARY ITEMS FOR ASSEMBLY (not included in kit)

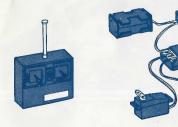


#### TOOLS REQUIRED FOR ASSEMBLY



#### RADIO CHECK

operating radio system



#### How to set neutral

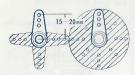
- 1 Switch on the transmitter.
- 2. Connect receiver, two servos and power source.
- 3. Remove the servo horn (note: cut out unnecessary parts of
- 4. Set the trim lever of steering controller at the middle position.
- 5. Turn on the receiver and set up the the serve horn to the required position.
- 6. Turn the receiver off first then the transmitter.

## RECOMMENDATION FOR COURTEOUS OPERATION OF RADIO CONTROL VEHICLES

Before switching on the transmitter, make sure that there are no other radio controlled vehicles such as airplanes, cars, boats, etc. are being operated near by. Avoid the same frequency in use if any other radio controlled vehicles are nearby. (check frequency flag on transmitter antenna to find its frequency)

Do not turn on the transmitter while the same frequency is being used by others as it will cause loss of control due to conflicting transmitter signals.

# 1 Mounting and Adjusting of Steering Servo



Modify servo arm as shown, removing parts covered by slash

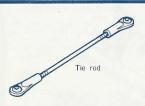




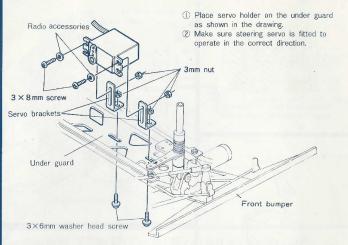
Plug the steering servo into the receiver and set the servo center at the neutral position.

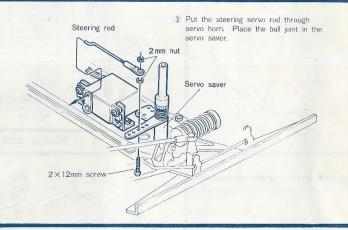


Screw ball joint into the steering servo rod.

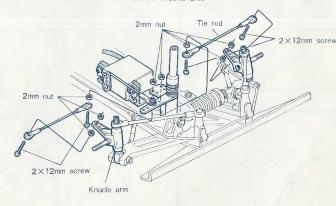


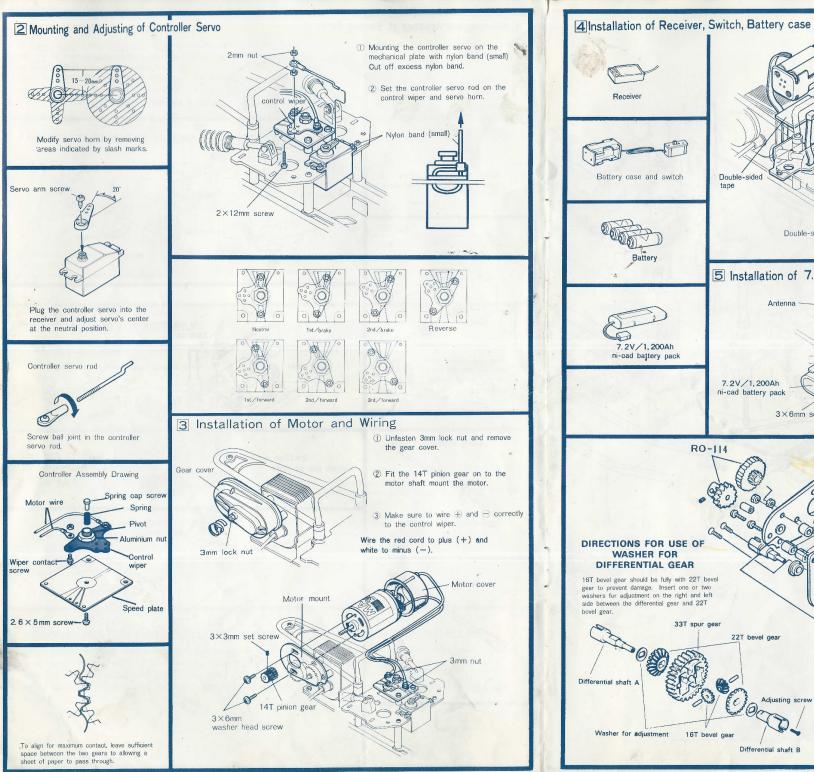
Screw in ball joints from both sides. Make sure the right and left length are the same.

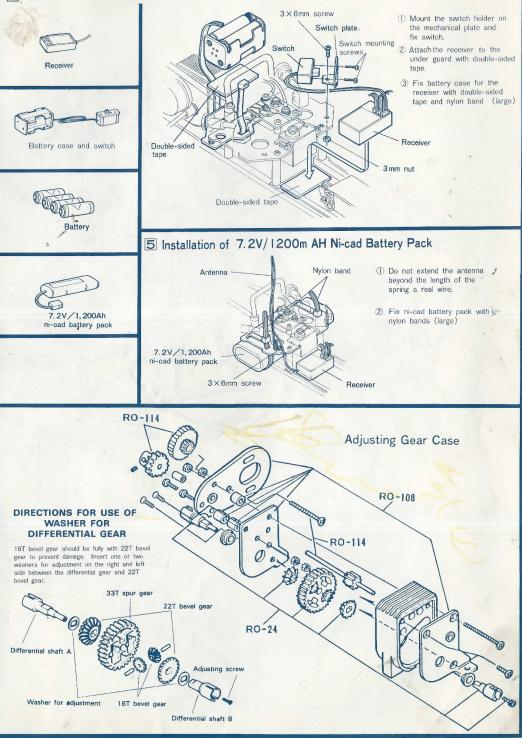


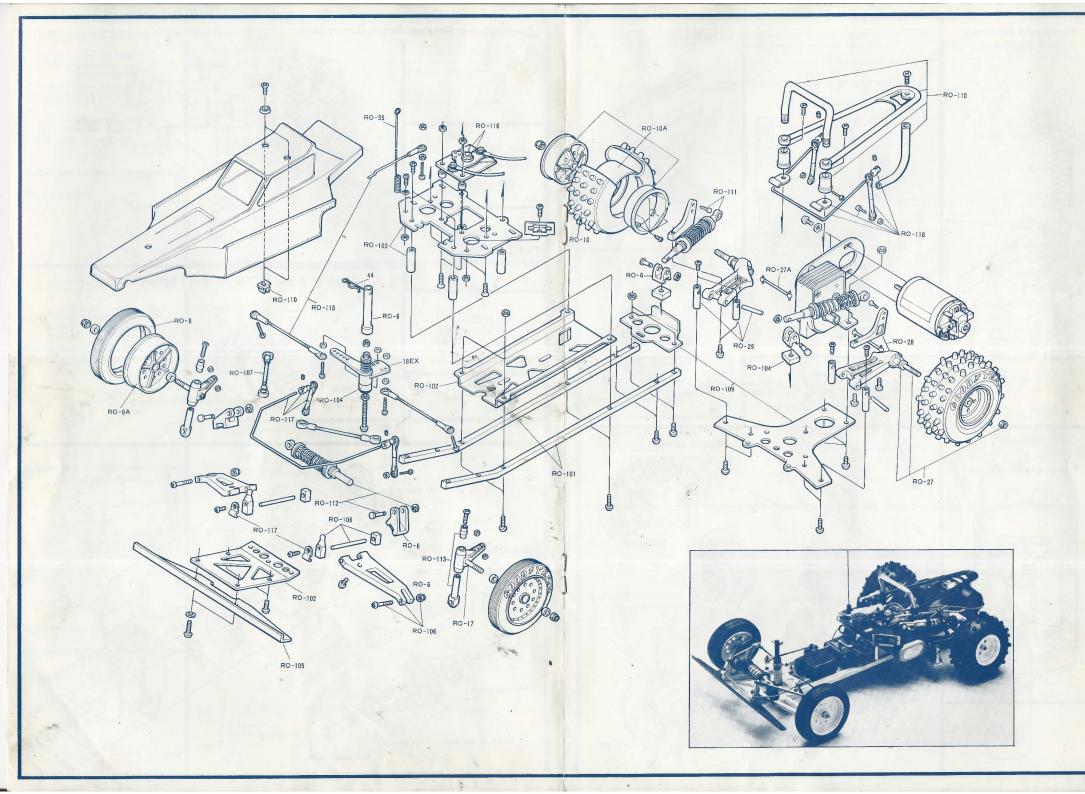


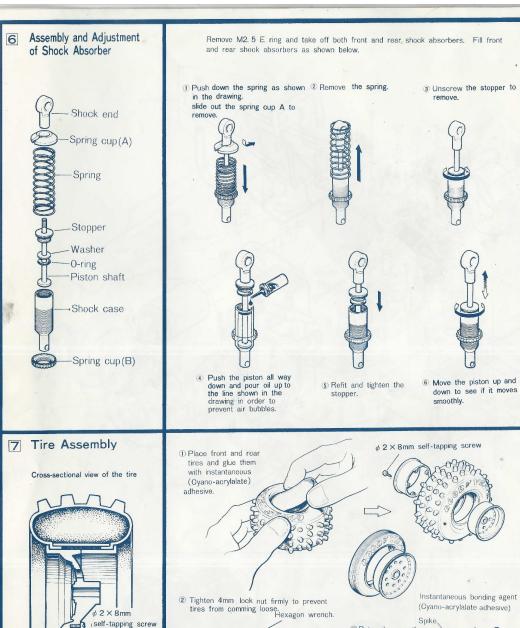
4 Connect the tie rod between the servo saver and the knuckle arm.











Put spikes on the rear tires on rough tracks such as sandy soil for better stability.



