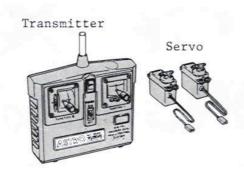
RADIO CONTROLLED ELECTRIC POWERED FF RACING CAR

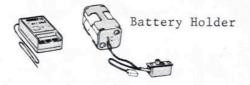
HONDA CR-X PEUGEOT205turbol6



2 CHANNEL RADIO SYSTEM

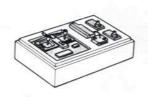


Receiver



Servo







THINGS NEEDED BESIDES THE KIT

(2 Channel Radio System)

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

Note: The dimensions shown are the maximum sizes which will fit.



7.2V Power Battery or 7.2V-1200 mAh Racing Battery in similar shape to the one shown here is required. The Kyosho #2306 or #2218 are good choice.





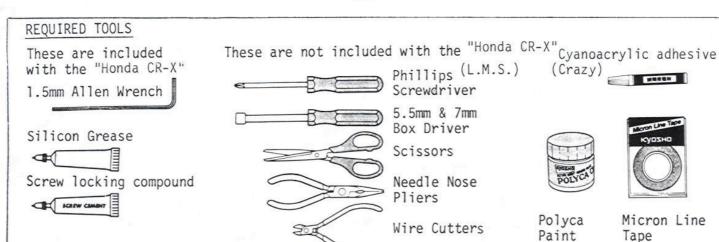
CHARGER

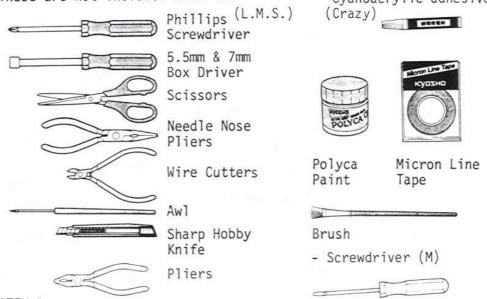
You'll need a charger to charge your battery, Kyosho offer one type:

Model	Name	Time	Features	
No. 1845	Lambda Quick Charger (DC12V)	20 min.	The best fully automatic operation. Easy to use, suitable for competition.	

No. 1845 Lambda Quick Charger



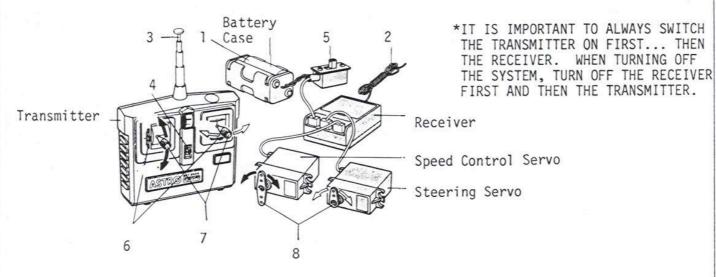




HOW TO CHECK YOUR RADIO SYSTEM

Follow steps 1-8.

- 1. Install the batteries into both the transmitter and receiver. If your radio is a rechargeable system, charge it as outlined in the manual that came with your set.
- 2. Unravel the receiver antenna and plug the servo and battery connectors into the receiver.
- 3. Extend the transmitter antenna.
- 4. Turn On the power switch of the transmitter.
- 5. Turn On the power switch of the receiver.
- 6. Set the small trim levers to the center position and make sure that both main control sticks are also centered.
- 7. Move both main control sticks slowly through their full travel. The servo horns should move in proportion to the movement of your sticks.
- 8. When trim levers and sticks are at their neutral positions, the servo horns should be centered. You may now turn off the transmitter, then the receiver and unplug the servos and battery from the receiver.



A 2-channel radio control system is composed of a transmitter, receiver two servos, and a battery holder (for the receiver).

*Transmitter This is the part of the system that you hold in your hands to control the model. Information is sent to the receiver and servos via radios

waves.

*Receiver Receives the radio signals from the transmitter and sends them to the

appropriate servo.

*Servos It Can be thought of as the "muscle" of the system. They actually move

the controls of the model. The receiver tells them which direction

to move and how much.

*Antenna The transmitter antenna broadcasts the radio signal.

The receiver antenna (which is no more than a small wire tuned to a precise length) picks up the signals so that the receiver can decode

them.

*Trim Levers Adjust the neutral position of the servos from the transmitter.

Trim levers provide fine tuning of the steering and speed control.

*Battery Meter ... Allows you to see the condition of your transmitter batteries.

*Servo Horn A small arm or wheel on a servo that transfers the movement of the

servo.

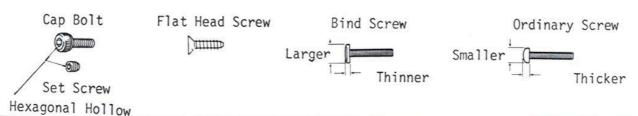
BEFORE ASSEMBLY

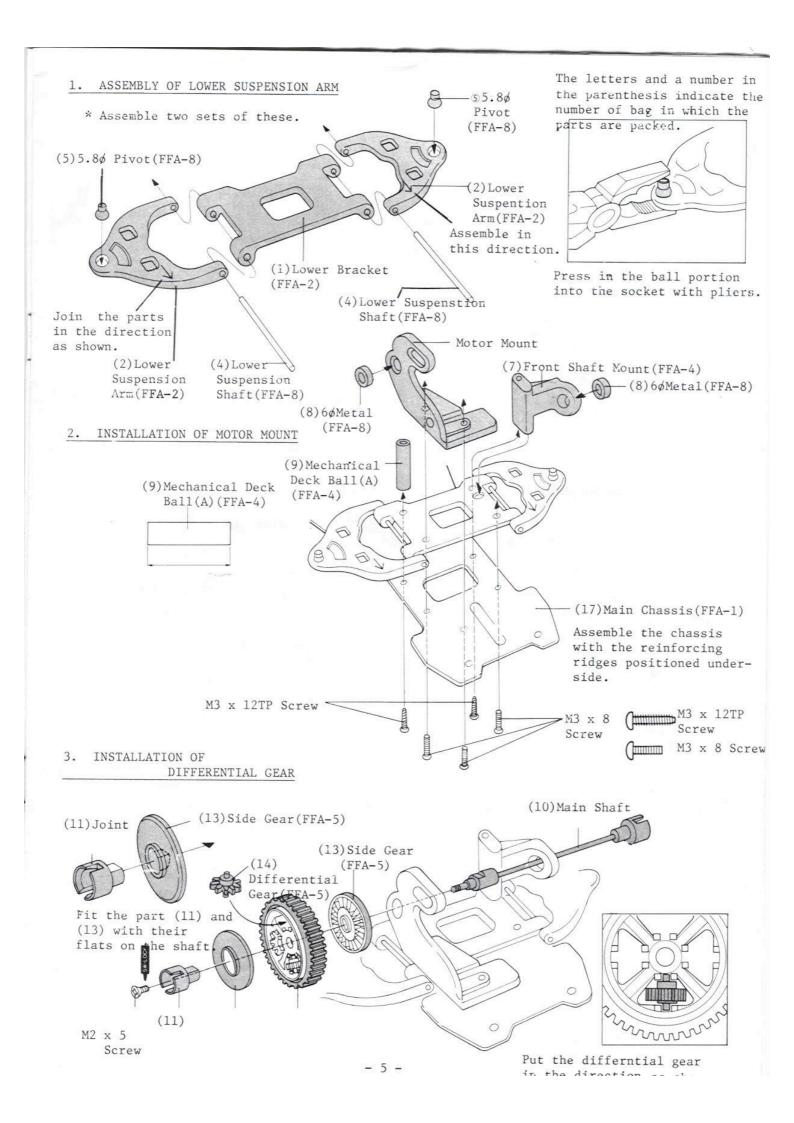
Please read through these instructions before assembly. Your thorough understanding of the assembly will enable you to build the kit without difficulty. Check the components in the kit prior to your startings the assembly. Any claims for replacements or refunds for the model in the process of assembly will not be accepted.

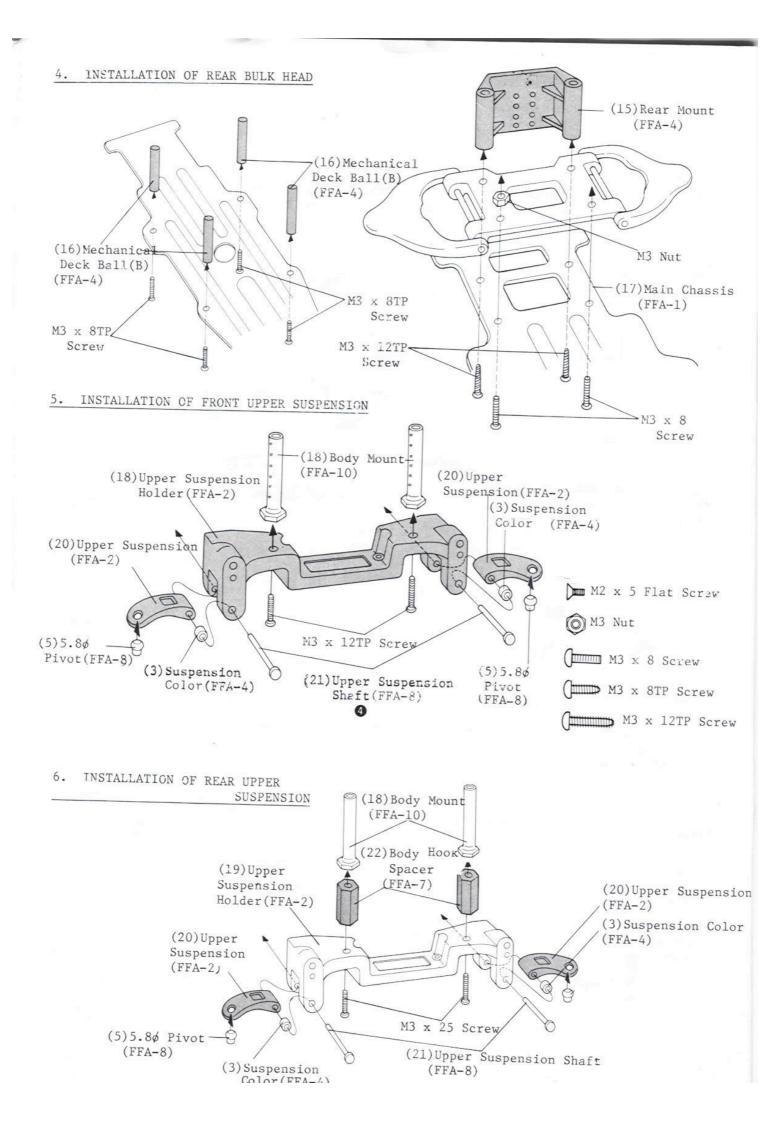
[Please understand the following points before assembly]

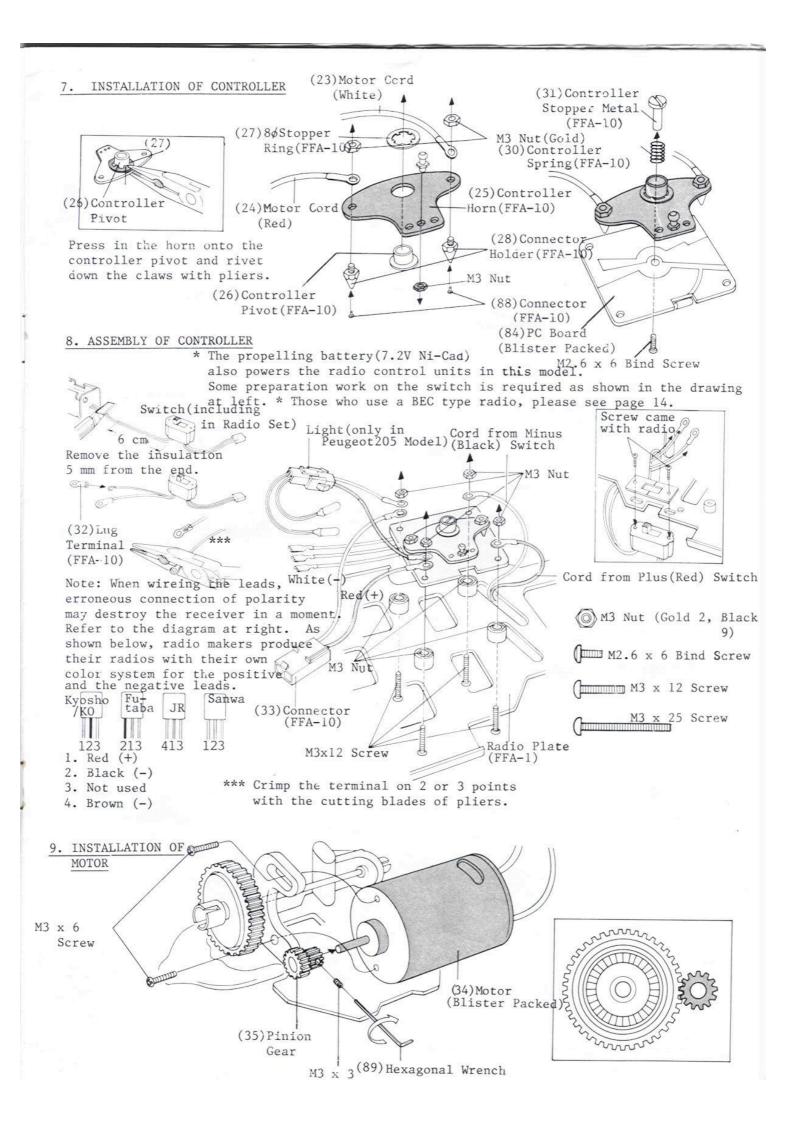
- 2. Small Parts The small parts to be used such as screws, nuts, washers are illustrated in the actual size on the attached sheet "The List of Small Parts". Pick up the correct ones referring the size, shape, and the assembly number.
- 3. Some Hints when screwing in a self-tapping-screw, (hereinafter referred to as TP Screw).
 - *This model uses a lot of plastic parts, and many TP screws will be used for assembling.
 *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 threaded part on the screw goes into the plastic part and you feel some resistance from the tightening.
- 4. Shape of Screw
 - *You can distinguish the ordinary screw form the self-tapping one by the shape of points and thread.



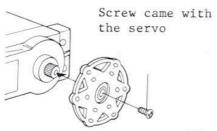




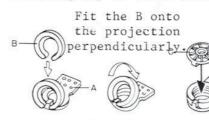




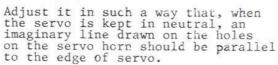
10. INSTALLATION OF SERVO HORN



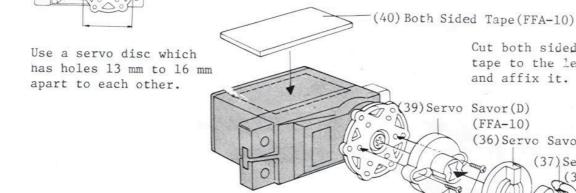
Assembling Way of Servo Savor



Put the C Cover it.



Lay the B down with consideration of not dislocating from the projection.

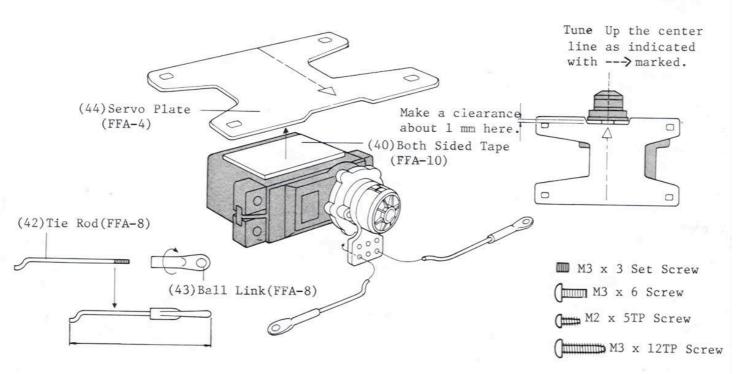


Cut both sided adhesive sponge tape to the length of servo and affix it.

(FFA-10) (36) Servo Savor(A) (FFA-10) (37) Servo Savor(B) (FFA-10) (38) Servo Savor(C) (FFA-10)

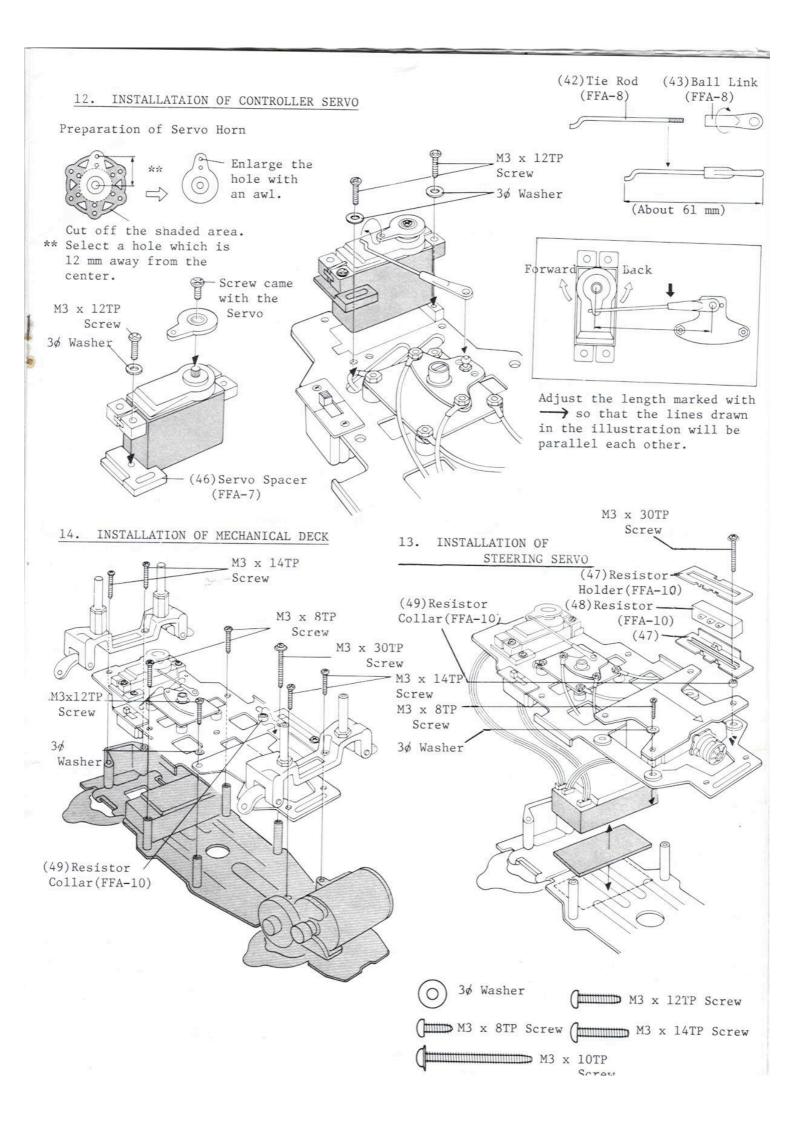
M3 x 12TP Screw

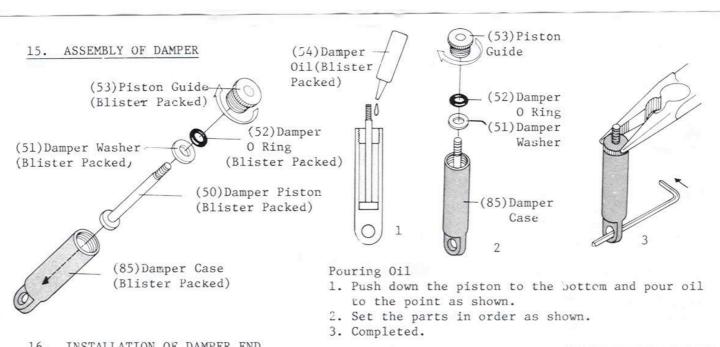
11. INSTALLATION OF TIE ROD



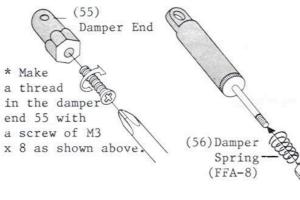
M2 x 5TP

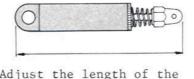
Screw





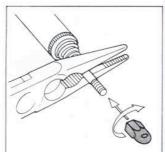






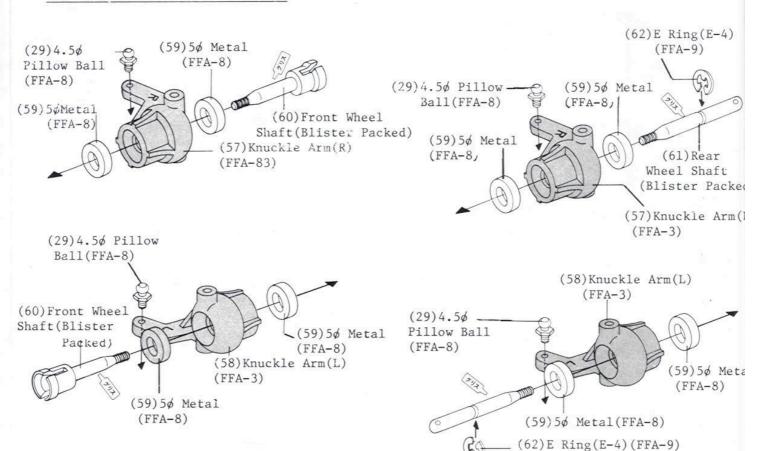
Adjust the length of the damper 50 mm for the front ones and 52 mm for the rear by varying the amount of tightening the damper end. Assemble two each of

(55) Damper differently sized ones.
(FFA-7)

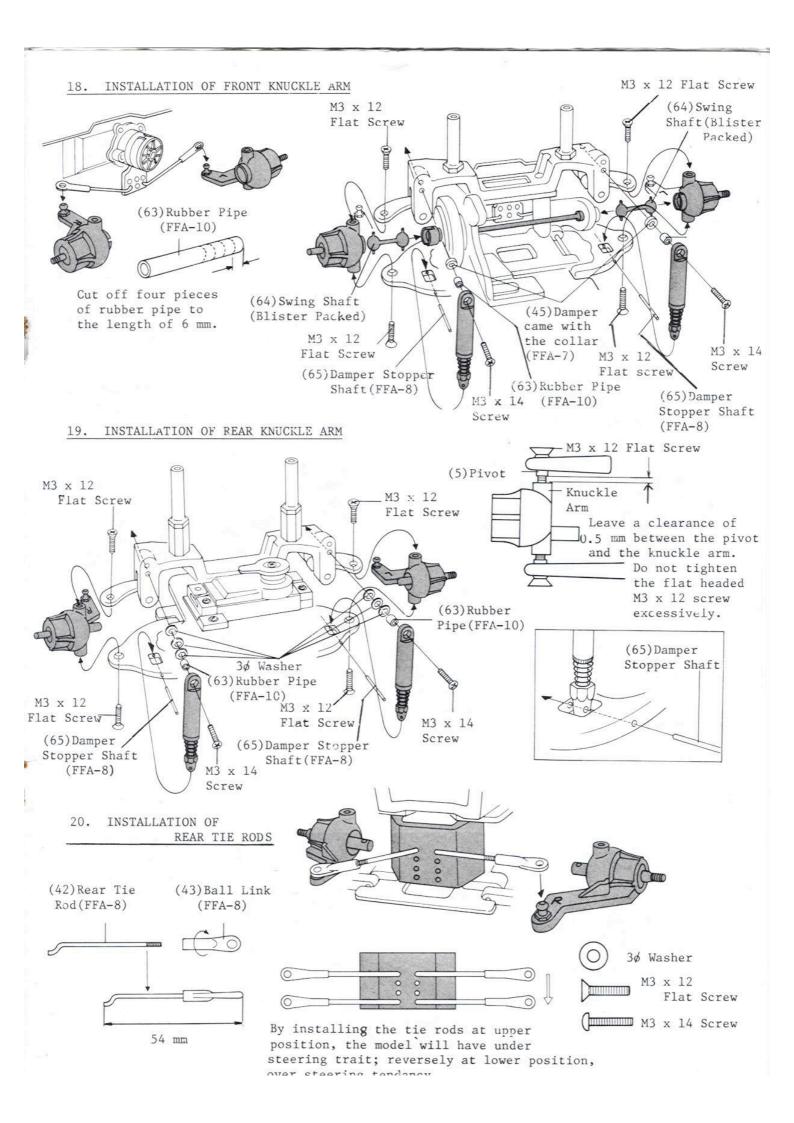


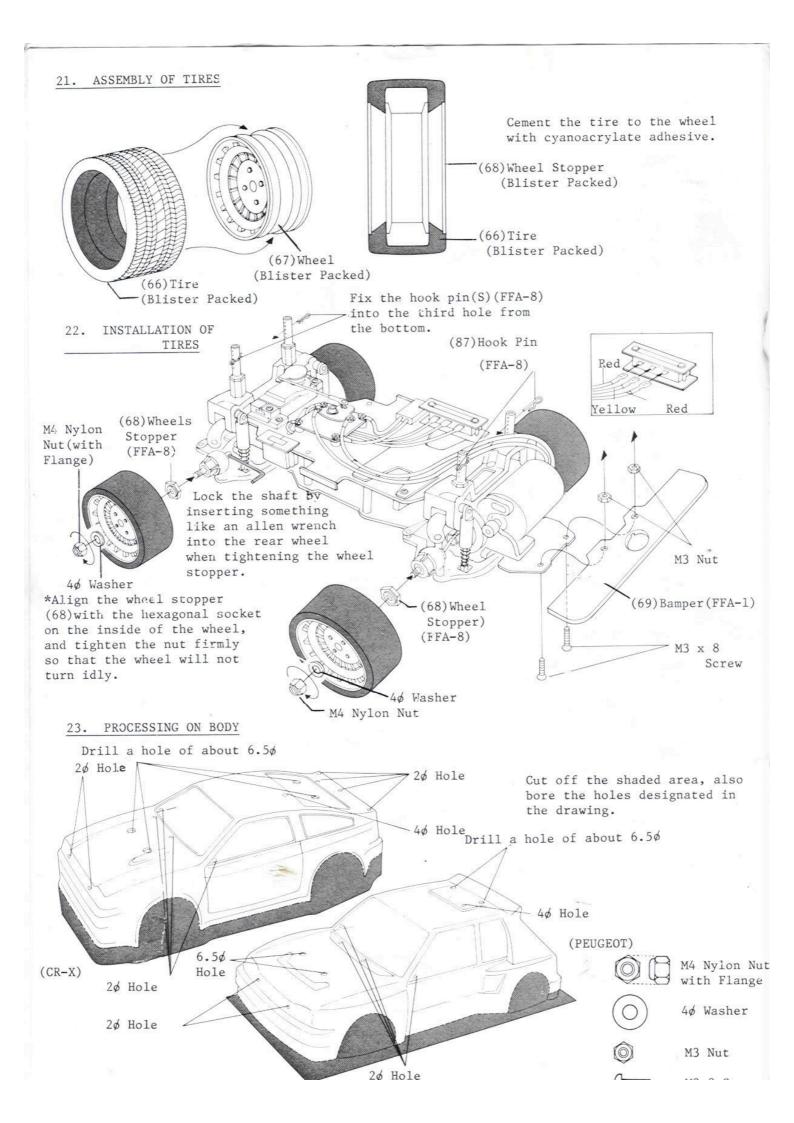
Conpress the spring with pliers as shown and screw in the damper end.

17. INSTALLATION OF WHEEL SHAFT



_ 10 _





24. PAINTING OF BODY

plastic resin, formed into the body shape. When painting the body, you can finish it more beautiful by washing it well with neutral detergent, drying it thoroughly with care not to put any fat or stain on the surface, and painting inside the body. When finishing it in one color, two or three coats of the color all over the inside are enough. When you would apply some color scheme, use masking tape such as the Micron Tape to separate areas of different color, and apply the



KYDZHD

The Micron Line Tape can be used as masking tape and as a material to drawn patterns. They are available in 6 different colors and 3 widths.

darkest color first, and lastly

the lightest color all over.



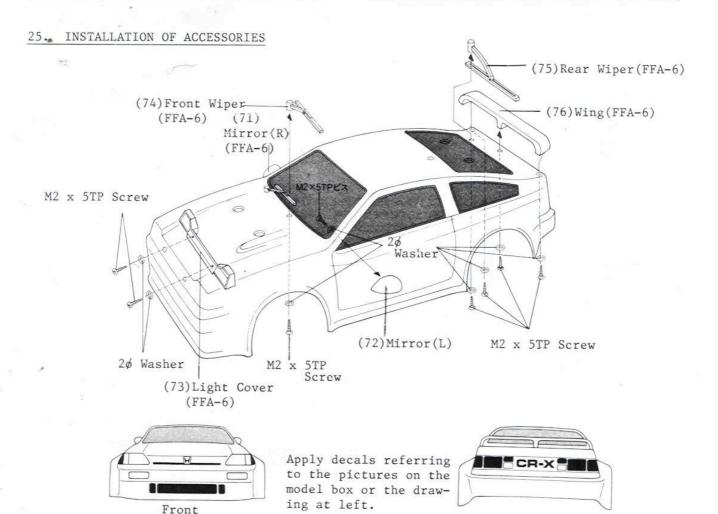
painting them.

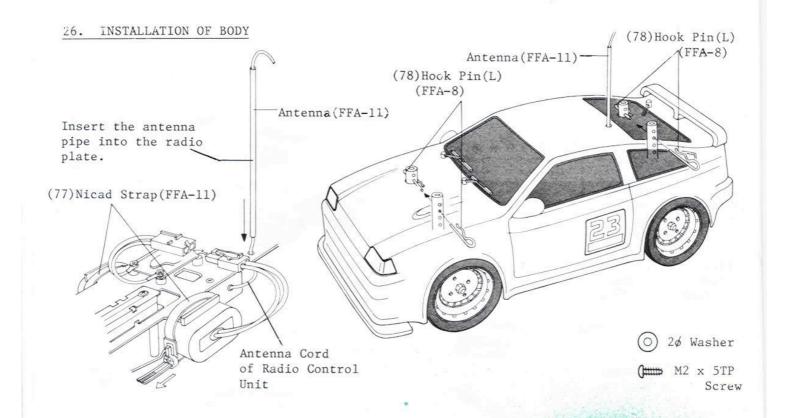
KYOZHO

Rear

The Polyca Colors are paints composed exclusively for painting polycarbonate resin. It is very easy to use. There are 12 different colors.







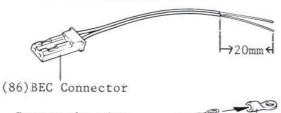
OPERATING THE BEC TYPE RADIO

What is the BEC type? . . . It is a radio control system which has connectors for powering the receiver and servos from the propelling power source, 7.2V 1200mAh Ni-Cad battery pack. By just plugging in the connectors (female on the model and male BEC connector on the switch harness,) you can arrange the motor and the radio control units ready to operate.

* When applying the BEC type radio, fix the lug terminals, which were used in step 8, to the BEC connector on the model and bolt them down to the speed controller PC board.

(Fixing Lug Terminal)

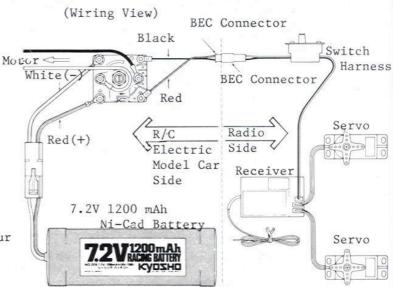
 Remove the vinyl insulation from the BEC connector cord.

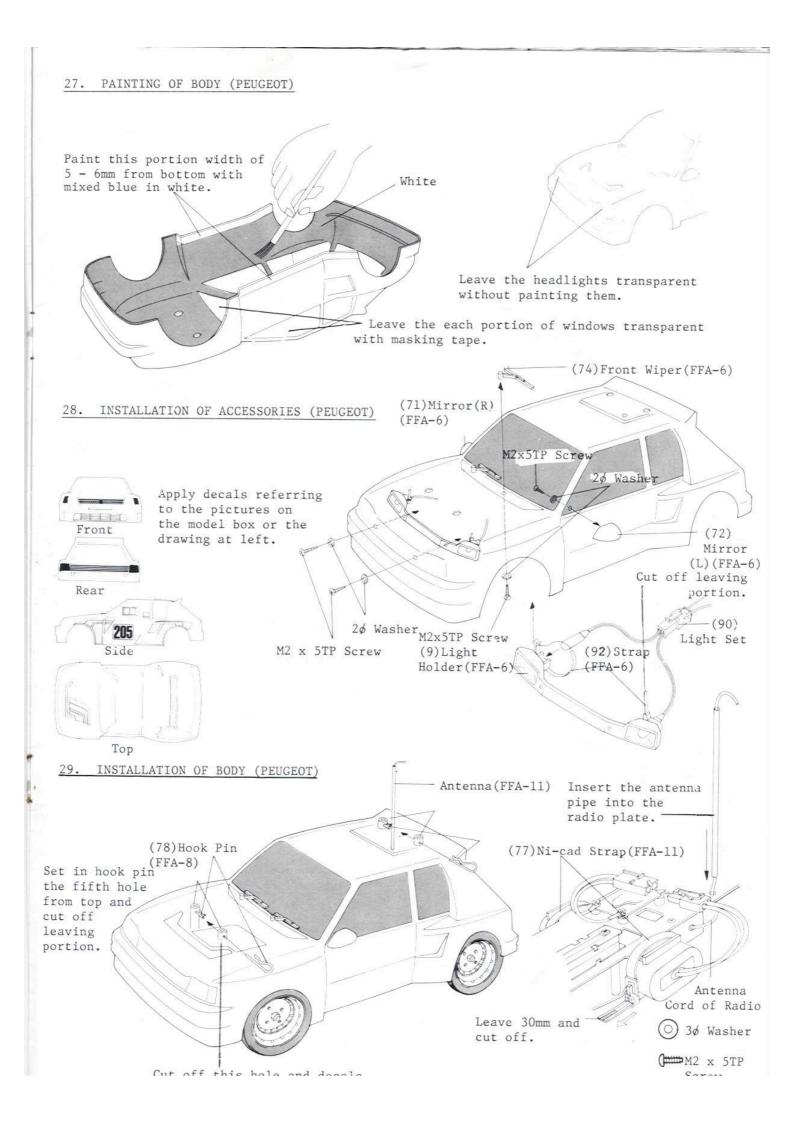


Insert the wire into the lug terminal.



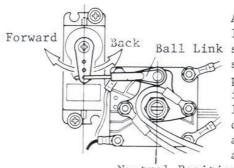
Crimp the lug with pliers.





(Adjustment of Speed Controller)

Plug in the 7.2V Ni-Cad battery to the connector from the speed controller and manipulate your transmitter. While adjusting the model, put it on the box or something like that in order to keep it aloof from the ground by the motor sound. since the wheels will turn.



Adjust the ball link adjuster in Ball Link such a way that the speed controller is positioned as shown in the drawing at left when both the controller stick and the trim lever are kept in neutral.

Neutral Position (This is the motor halting position.)

1. Adjustment for High Speed

Push the speed controller stick forward. If you see the controller horn swing to the direction as shown and the motor run fast, it is adjusted right. You can tell RPM ratio by the motor sound.







2. Adjustment for Reverse Running

left when both the Pull the stick backward. If you see the motor controller stick run when the controller horn is positioned as and the trim lever shown below, everything is in order.



When the speed controller is not controlled correctly as shown in 1 & 2,

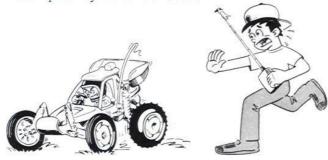
change the servo horn.



Larger Servo Horn

RUNNING THE HONDA CR-X

The same battery powers the radio and motor. As soon as the car starts to slow down, recharge the battery. Otherwise you will quickly lose control.



After running, always remove the battery from the car.



(Check Before Every Run)

- Check to see if all bolts and nuts are tightened firmly.
- Check to see Ni-Cad battery is fully charged.
- Check to see if the steering and speed control is in proportion to your control of the transmitter.
- Check to see that all wiring is properly insulated.
- 5. Check to see if parts are moving smootyly.

(Operating Procedures)

- 1. Turn transmitter switch on.
- 2. Switch on the receiver.
- Check to see if the radio system is working properly.

Note: When turning off the switches, turn off the receiver first then transmitter. Otherwise, the servos may be left in a position other than neutral.

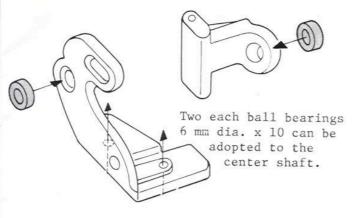
(Trouble shooting if the car does not start)

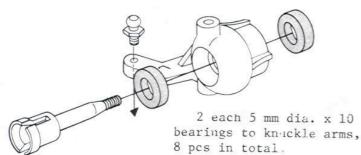
- Poor contact of connectors of batteries, connector, and speed control.
- Check to see if the Ni-Cad battery is fully charged.
- Check to see shortage of battery power for the transmitter.
- 4. Signal jamming from other radios.

OPTIONAL PARTS

(Cptional Bearing)

These ball bearing will make the model run faster smoothly and prolong the running duration.





(Pinion Gear)

15 teethed pinion gear is included in the kit. 13 and 14 teethed ones are available optionally.

	Gear Ratio	Parts NO.	
15Z	3.8:1		
14Z	4.07: 1	FF-24	
13Z	4.38: 1	FF-25	

(Motor)

The standard motor in the kit is the Le Mans Stock 05 motor. Other types of Le Mans motors are serviceable separately.

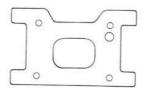
480G	High Speed for 8 min.	Gold	1897
480S	High Speed for 8 min.	Blue	1891
480T	High Torque for 8 min.	Green	1892
600E	High Torque for 10 min.	Black	1894

(0il)

Assorment of 3 kind (S,M, and H) of the 1951 damper oil.

Spare Parts - Price List

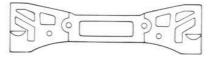
FF-1 Bracket Set



(1) Lower Bracket ... 2



(2)Lower Suspension Arm 4



(19) Upper Suspension Holder 2



(20) Upper Suspension

FF-2 Gear Set

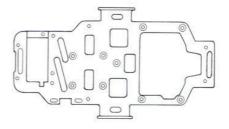


(13) Side Gear 2

(14)Differencial Gear 4

(12) Spur Gear ... 1

FF-3 Mechanical Deck

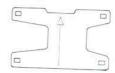


(41)Mechanical Deck 1

FF-4 Chassis Collar Set



(9) Mechanical Deck Ball(A) 1



(44) Servo Plate 1

(16)Mechanical Deck Ball(B) 4





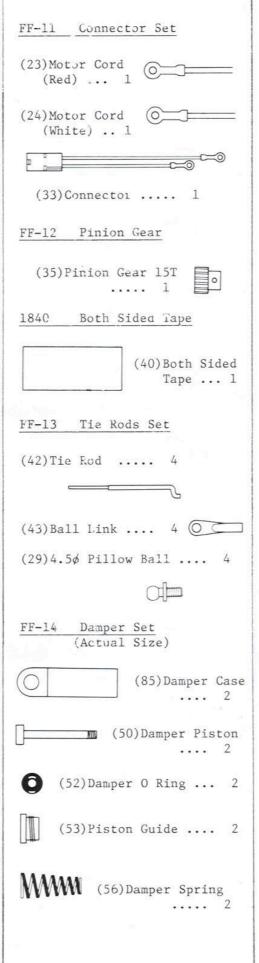
(15) Rear Mount 1

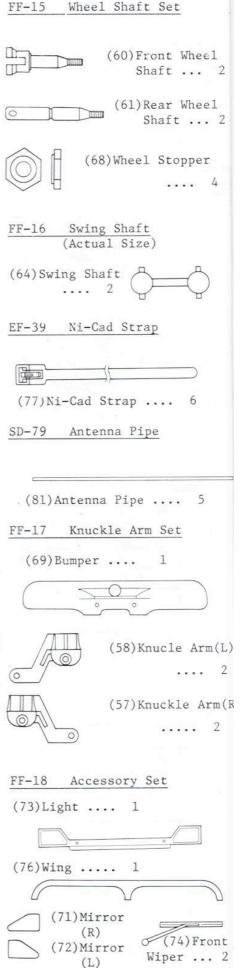
(7) Front Shaft Mount ... 1



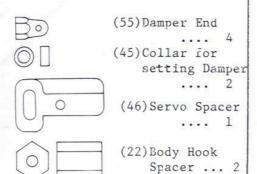
(3) Suspension Collar .. 4

FF-5 Shaft Set (4) Lower Suspension Shaft ... (21) Upper Suspension Shaft 4 (65) Damper Stopper Shaft ... 4 FF-6 Motor Mount (6) Motor Mount FF-7 Metal Set (Actual Size) (8)6¢ Metal ... 2 (59)5¢ Metal ... 3 FF-8 Joint Set (10) Main Shaft 1 (11) Joint ... 1 FF-9 Main Chassis (17) Main Chassis 1 FF-10 Body Mount 000000 (18) Body Mount 4





FF-19 Servo Holder



BB-10 Controller Set

(47) Resistor Stopper ... 2

(25)Controller Horn ... 1

(26)Controller
Pivot 1

(28)Connector Holder ... 2

(27)8¢ Stopper Ring
.... 1

(30)Controller Spring ... 1

(31) Stopper Metal for Controller

(29)4.5¢ Pillow Ball ... 1



(84)Controller PC Board 1

(86)BEC Connector 1



(32)Lug Terminal

FF-20 5.8¢ Pivot

(5) Pivot ... 8

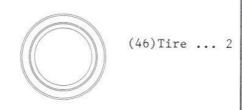
RK-28 Servo Savor Set



(38) Servo Savor(C) 1

(39) Servo Savor(D) 1

FF-21 Tires



FF-22 Wheels

(67) Wheel ... 2

FF-23 Body (CRX)

(70) Body 1

FF-24 · Decal(CRX)

(82)Decal 1

1889 Body Pin

(78) Hook Pin 4

EP-22 Hook Pin

(87) Hook Pin(S) 5

FF-25 Resistor Collar

(49)Resistor Collar ... 2

FF-26 Screw Nut Set

Printed in Japan