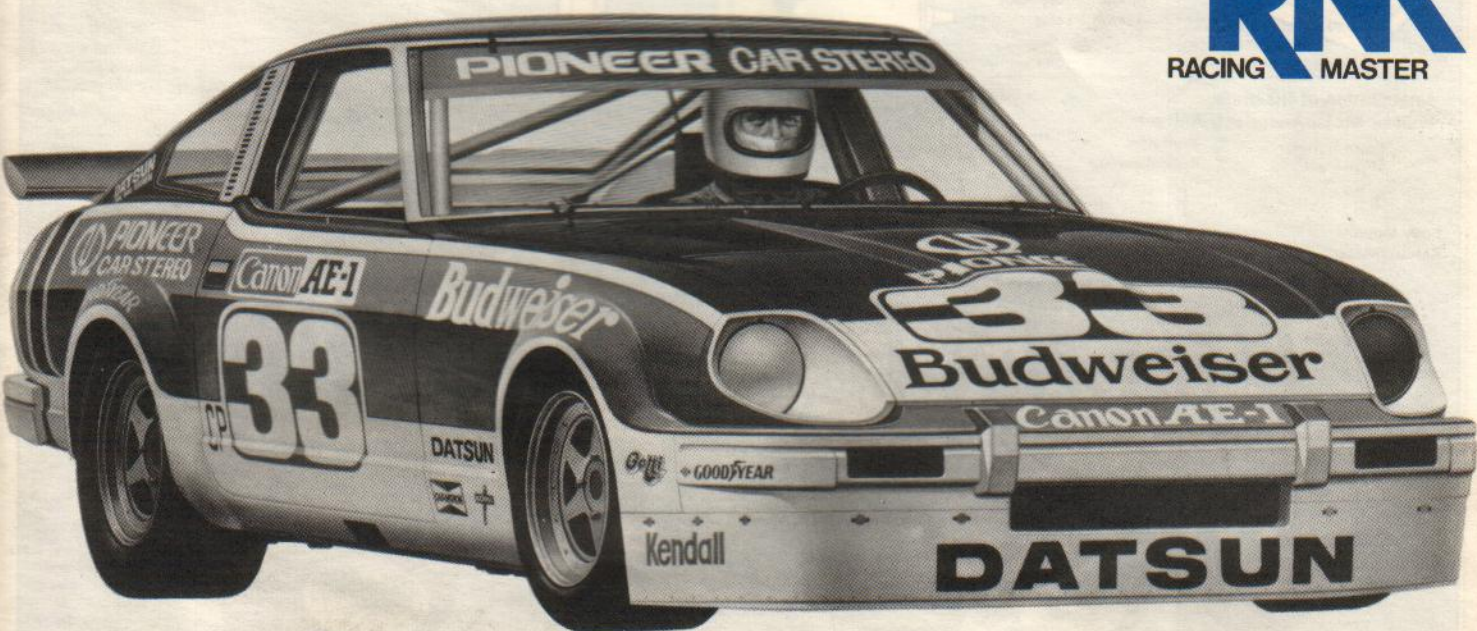
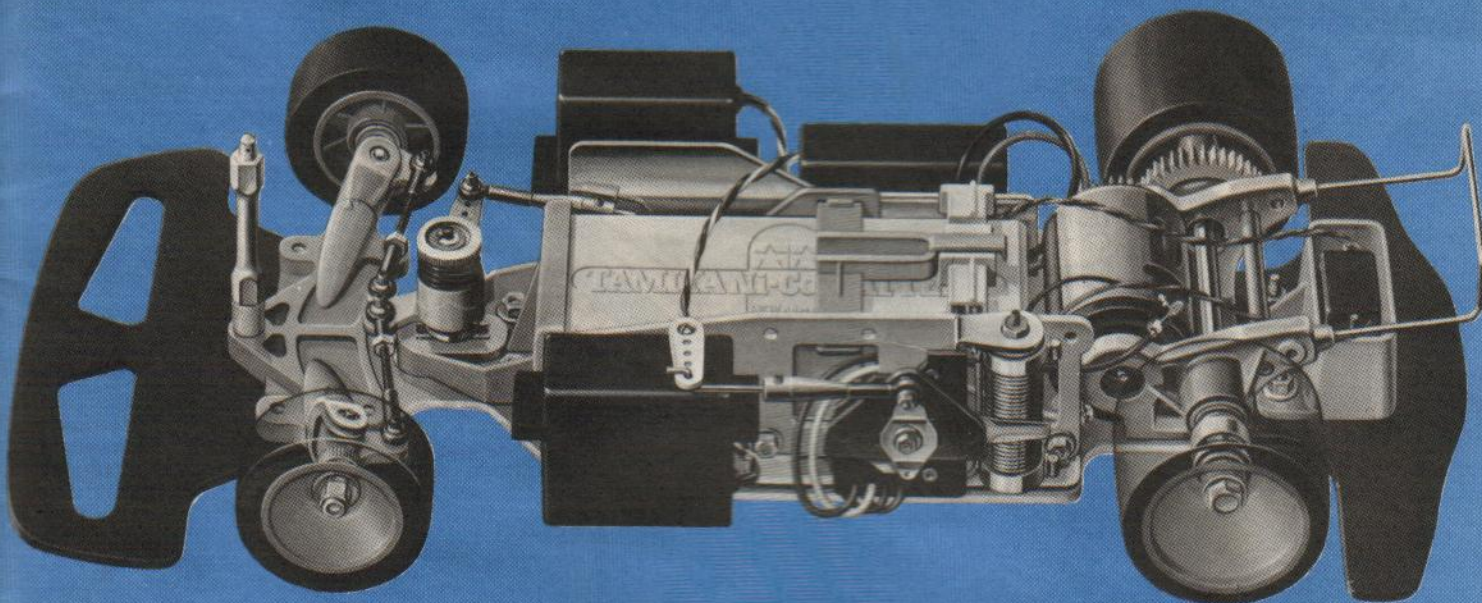


1/12th HIGH PERFORMANCE RADIO CONTROL CAR

DATSUN 280ZX

(RACING MASTER Mk.2)

- READY TO ASSEMBLE MODEL KIT 1/12 PRECISE SCALE ○ DURABLE FRP CHASSIS ○ FORWARD AND REVERSE VARIABLE RESISTOR SPEED CONTROL
- REINFORCED NYLON FRONT SUB-FRAME ○ REINFORCED NYLON WHEELS ○ A POWERFUL RS-540 MOTOR
- REQUIRES 2 CHANNEL 2 SERVO DIGITAL PROPORTIONAL RADIO CONTROL SYSTEM AND TAMIYA 5 CELL (6V) OR 6 CELL (7.2V) NI-Cd BATTERY PACK



RM
RACING MASTER



DATSUN 280ZX



RADIO CONTROL UNIT

This kit is designed for a 2 channel 2 servo digital proportional type of radio control system. Almost any 2 channel radio can be used. There are some 2 channel and 3 to 8 channel ones that are unsuitable for this kit because their servo and receiver will not fit in this kit.

«Funkfernsteuerung»

Dieses Model ist für den Einbau einer 2 Kanal-Anlage mit 2 Servo's ausgelegt. Verschiedene Fabrikate haben jedoch Bauteile (Servo, Empfänger etc.) die grössermässig nicht verwendet werden können. Der Fachhändler wird Sie gerne beraten.

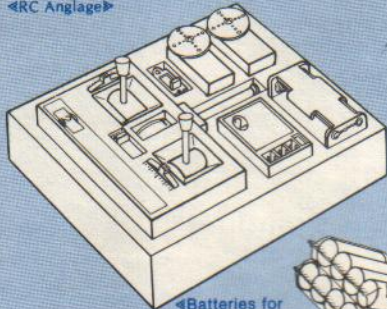
* This kit does not contain radio control units, batteries, battery connectors and a charger.

* Dieser Kit enthält keine R/C Anlage.

Necessary Items

Folgende Teile werden benötigt

- «Radio Control Mechanism»
- «RC Anlage»



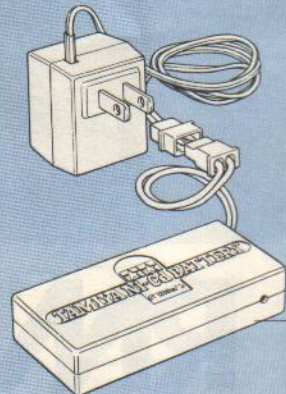
«Batteries for Transmitter»
«Batterie für Sender»

«Power Source»

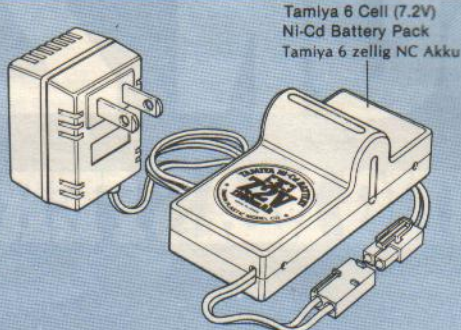
«Stromversorgung»

* This kit is designed to carry 6V or 7.2V Ni-Cd Battery.

* Nur aufladbare Tamiya 6 oder 7,2 Volt Akku's verwenden.



Tamiya 5 Cell (6V) Ni-Cd Battery Pack
Taimya 5 zellig NC Akku



Tamiya 6 Cell (7.2V) Ni-Cd Battery Pack
Tamiya 6 zellig NC Akku

The optional nickel cadmium battery contains either 5 or 6 cells of 1200mAh capacity. This battery gives your model excellent accelerating ability, etc. Also, it is economical because it can be charged more than 300 times.

Wir sind nur Hersteller eines Bausatzes, in welchen eine Funkfernsteuerung eingebaut werden kann. Die R/C Anlage ist nicht im Kit enthalten. Ihr Fachhändler wird Sie gerne beim Kauf einer R/C Anlage beraten. Bitte beachten Sie, dass wir keinerlei Haftung für Schäden übernehmen, die durch Inbetriebnahme des Fahrzeuges entstehen.



Tamiya Ni-Cd Battery Quick Charger
Tamiya Schnellladegerät

«Tools in this kit»

«Werkzeug im Kasten»

Allen Key (small)

Imbus-Schlüssel klein

Allen Key (large)

Imbus-Schlüssel gross

Synthetic Rubber Cement

Synth. Gummikleber



Box Wrench
Mutternschlüssel

«Additional Tools (not included in kit)»

«Folgendes Werkzeug wird benötigt»

Screwdrivers (small and large)
Schraubenzieher klein und gross



Long Nose Radio Type Pliers
Zange lang



Side Cutter
Zwickzange



File
Feile



Modelling Knife
Messer



Liquid Thread Lock (Metal Cement)
Metallkleber



Oil Can Ölkannchen

« Avoid Radio Interference »

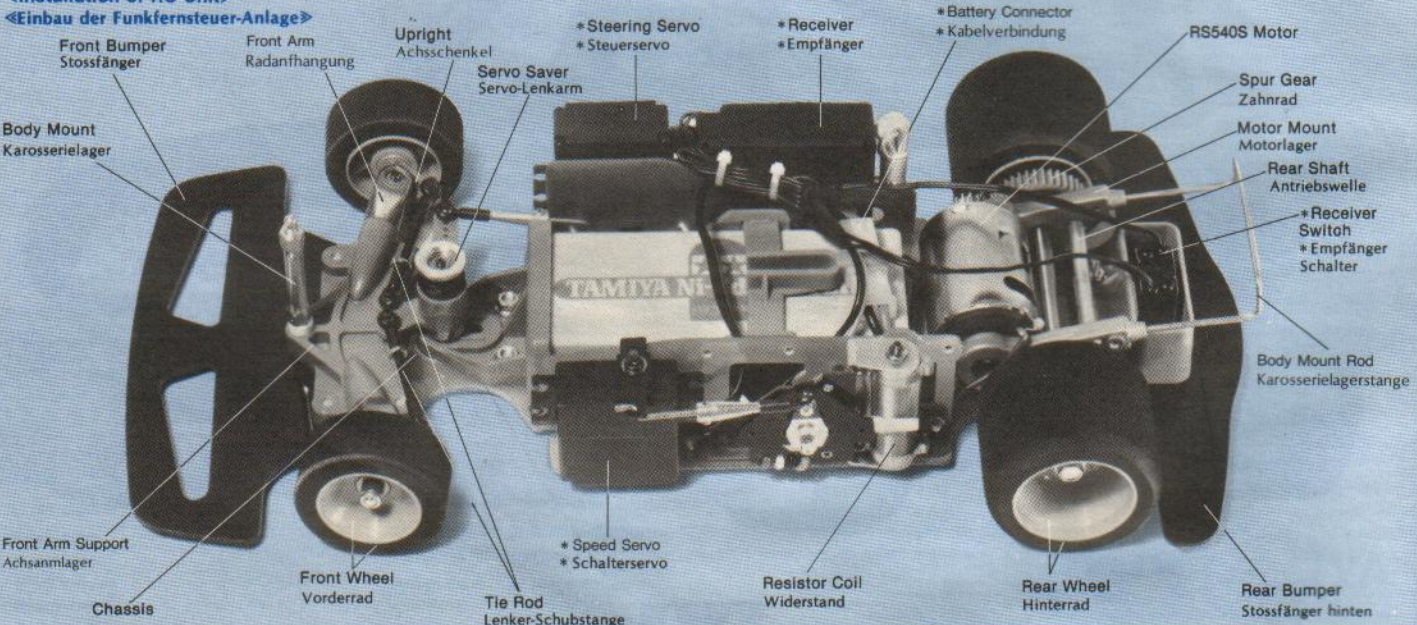
Before using the radio control unit, first make sure that there is no other person operating a radio control unit nearby. When there is such a person, compare the type and frequency band of your radio control unit with his. Avoid the possibility of interference if any, by, for instance, using the frequency alternately. As an aid to interference avoidance, a coloured ribbon is used to identify frequency. The single pushbutton type radio unit can cause interference with the digital proportional models when using radio control. Interference will occur between radio control units of the same frequency.

« Vermeidung "Wellensalat" »

Vor dem Start prüfen, dass kein anderer Hobbyman sein Modell in der Nähe fahren lässt. Evtl. Frequenzband und Type dessen RC-Anlage mit der eigenen vergleichen. "Merke: Gleiches Frequenzband = gleiche Frequenz" RC Anlagen die mit Knopfdruck betätigt werden, können Wellensalat in Ihrem Funkbetrieb verursachen.

«Installation of RC Unit»

«Einbau der Funkfernsteuer-Anlage»



Body Mount
Karosserielager

Front Bumper
Stoßfänger

Front Arm
Radanfangung

Upright
Achsschenkel

* Servo Saver
Servo-Lenkarm

* Steering Servo
* Steuerservo

* Receiver
* Empfänger

* Battery Connector
* Kabelverbindung

RS540S Motor

Spur Gear
Zahnrad

Motor Mount
Motorlager

Rear Shaft
Antriebswelle

* Receiver Switch
* Empfänger Schalter

Body Mount Rod
Karosserielagerstange

Front Arm Support
Achsanlager

Front Wheel
Vorderrad

Tie Rod
Lenker-Schubstange

* Speed Servo
* Schalterservo

Resistor Coil
Widerstand

Rear Wheel
Hinterrad

Rear Bumper
Stoßfänger hinten



There are many small screws and nuts, and similar parts. Assemble them carefully with reference to the drawings. To prevent trouble, assemble each section in order given.
 Viele kleine Schrauben und Muttern etc. müssen genau der Anleitung nach eingebaut werden. Exaktes Bauen bringt ein gutes Modell mit bester Leistung.

: Parts to be cemented
 : hier ankleben.

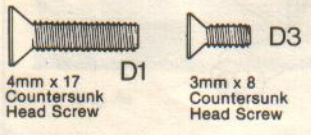
: Applying Liquid Thread Lock
 : Metallkleber

* Apply Liquid Thread Lock to screws and nuts painted blue in the figures after they are fastened. It prevents them from loosening. Be careful not to apply it to other parts.
 * Nach festziehen der Schrauben und Muttern die blauen Stellen mit Metallkleber betupfen schützt vor lockern.

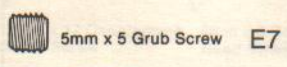
: Grease/oil
 : einfetten

★ Parts shown full size
 ★ Teile in Originalgröße

1
 (Screw Bag A)



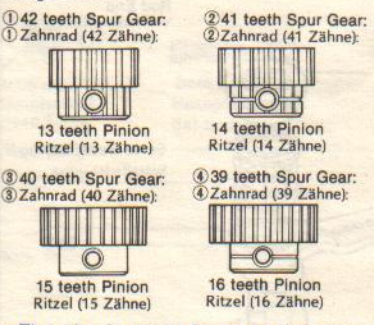
(Screw Bag B)



(Screw Bag C)



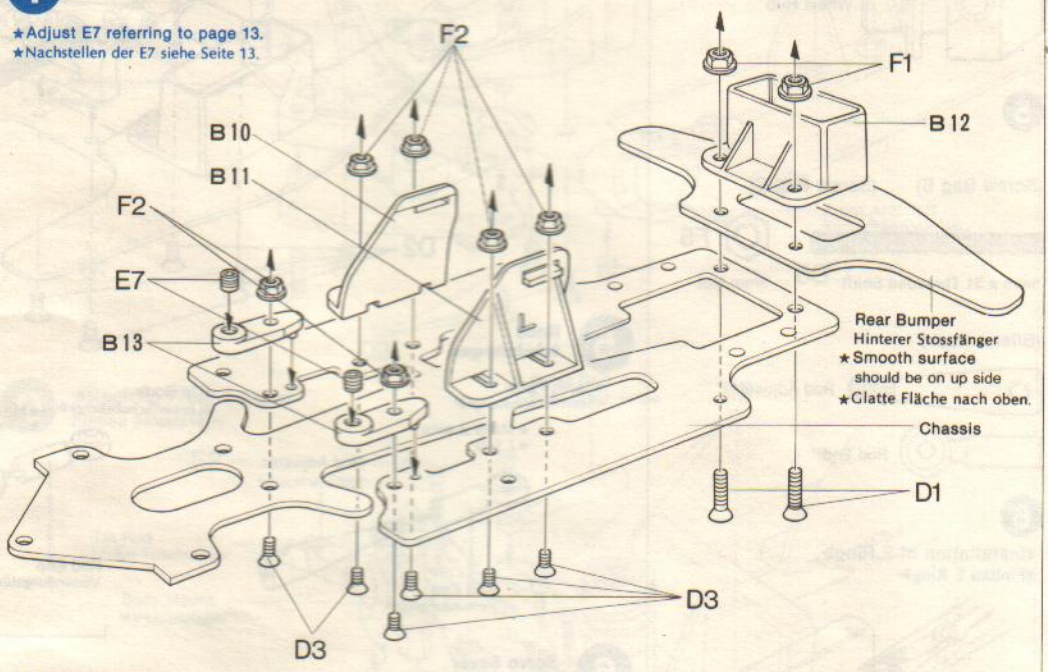
2
 A spur gear and pinion must be properly paired with each other. Use a proper pair with reference to the diagram below.
 Das Antriebszahnrad muss mit dem Motorritzel gut zusammenpassen. Siehe Abbildung unten.



* The wheels rotate faster as the pair varies from ① to ④
 * Die Räder drehen entsprechend der eingesetzten Zahnräder.

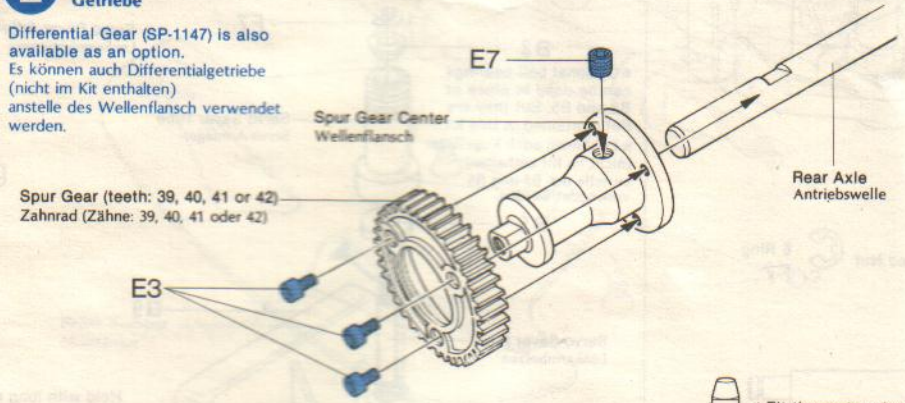
1 Chassis

★ Adjust E7 referring to page 13.
 ★ Nachstellen der E7 siehe Seite 13.



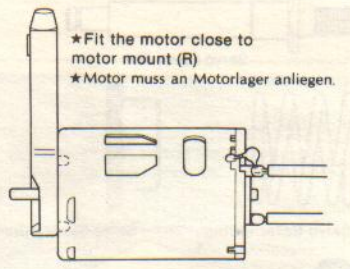
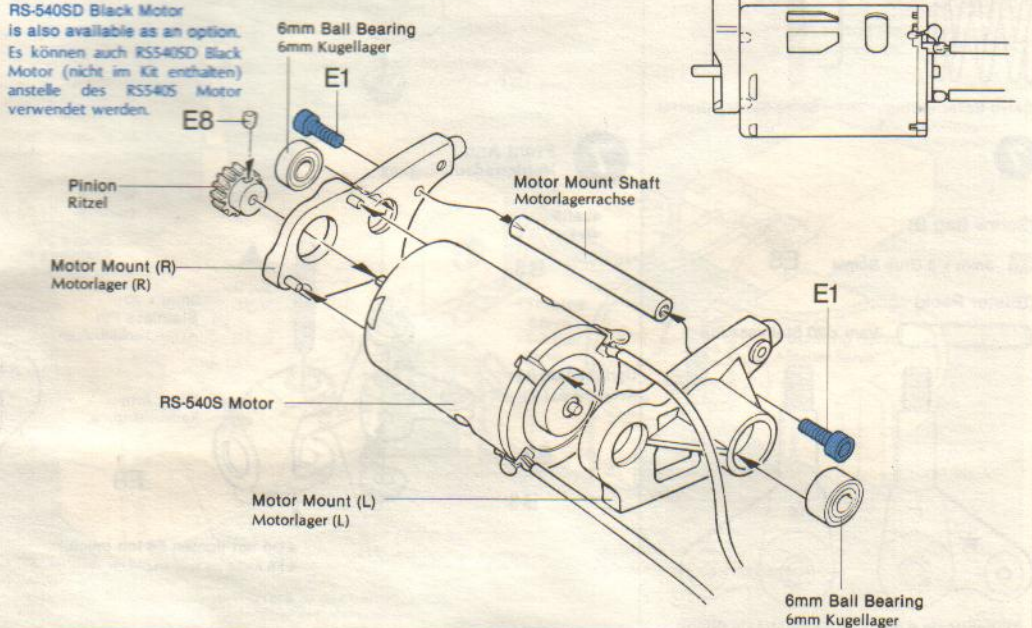
2 Gear Getriebe

Differential Gear (SP-1147) is also available as an option. Es können auch Differentialgetriebe (nicht im Kit enthalten) anstelle des Wellenflansch verwendet werden.



3 Attaching Motor Einbau Motor

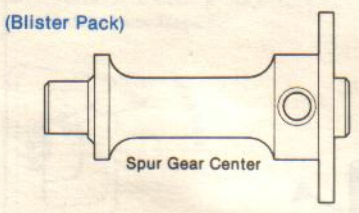
RS-540SD Black Motor is also available as an option. Es können auch RS540SD Black Motor (nicht im Kit enthalten) anstelle des RS540S Motor verwendet werden.



(Screw Bag B)



(Blister Pack)

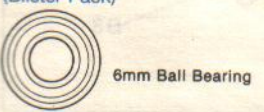


3

(Screw Bag B)



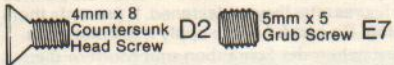
(Blister Pack)



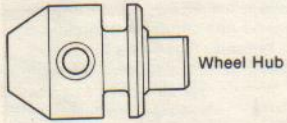
★ Parts shown full size
★ Teile in Originalgröße

4

(Screw Bag A) (Screw Bag B)

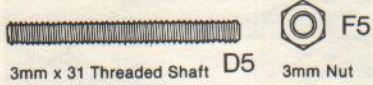


(Blister Pack)

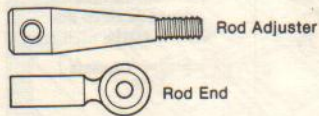


5

(Screw Bag B) (Screw Bag C)



(Blister Pack)



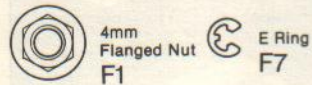
6

«Installation of E Ring»
«Einbau E Ring»

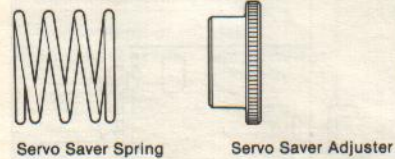
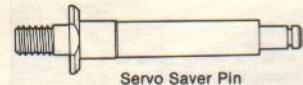


Force E Ring into notch at tip. Sprenging E in die Achskerber eindrücken.

(Screw Bag C)

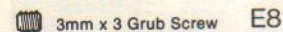


(Blister Pack)

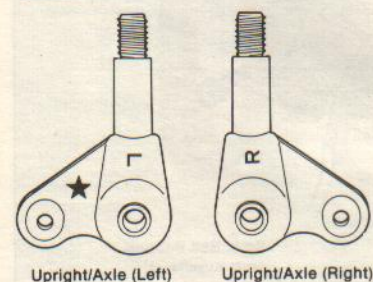
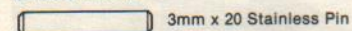


7

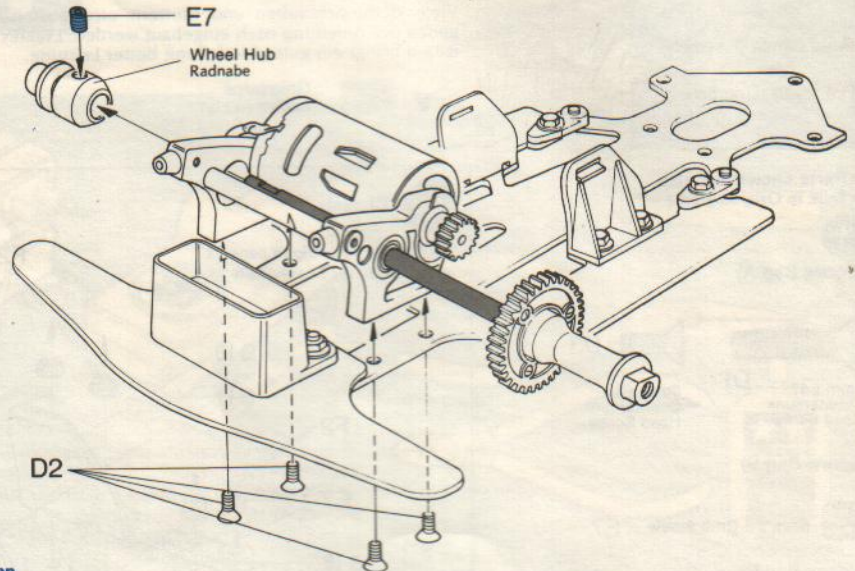
(Screw Bag B)



(Blister Pack)



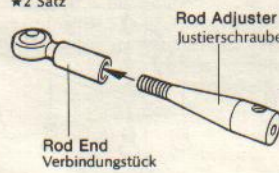
4 Motor Mount Assembly Einbau Motorlager



5 Rods Schubstangen

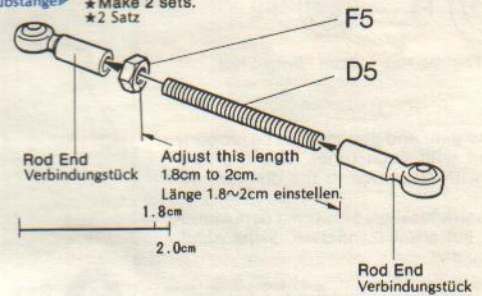
«Servo Rod»
«Servo-Schubstange»

★ Make 2 sets.
★ 2 Satz

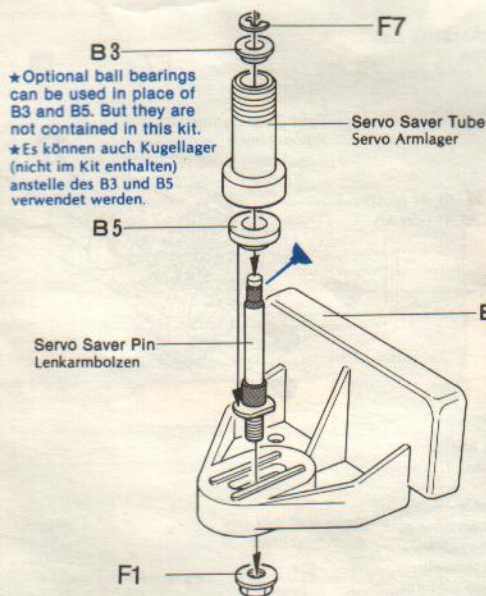


«Tie Rod»
«Lenker-Schubstange»

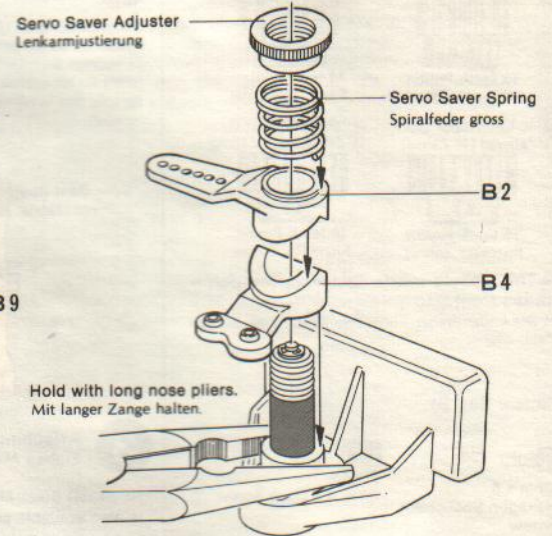
★ Make 2 sets.
★ 2 Satz



6 Servo Saver Servo-Lenkarm



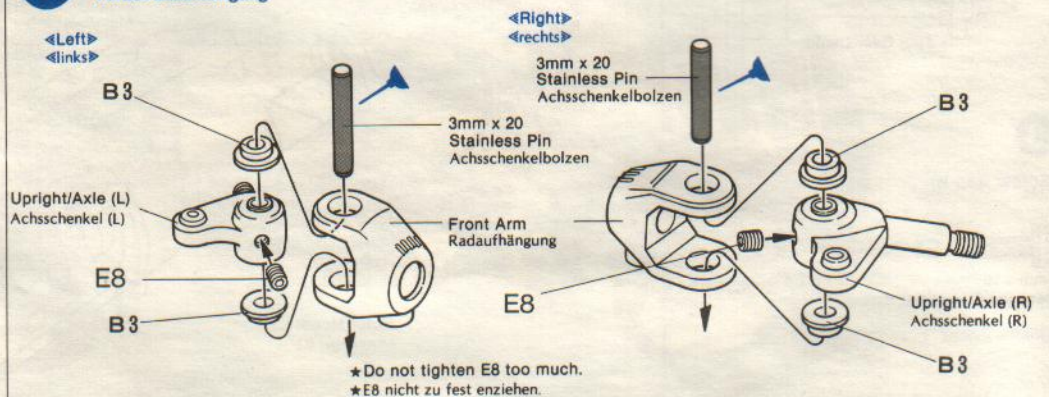
★ Optional ball bearings can be used in place of B3 and B5. But they are not contained in this kit.
★ Es können auch Kugellager (nicht im Kit enthalten) anstelle des B3 und B5 verwendet werden.



7 Front Arm Vorderradaufhängung

«Left»
«links»

«Right»
«rechts»

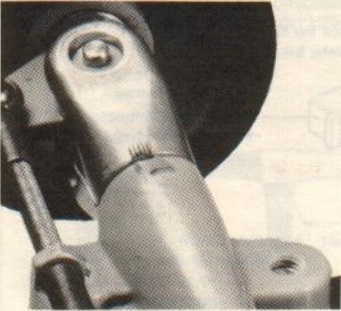


★ Do not tighten E8 too much.
★ E8 nicht zu fest ziehen.

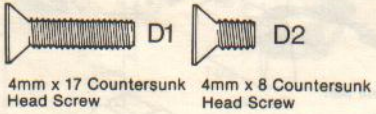
★ Parts shown full size
★ Teile in Originalgröße

8

★ Be careful as shown below when attaching front arms.
★ Achsarmlager richtig einbauen.



(Screw Bag A)



(Screw Bag B)



(Screw Bag C)

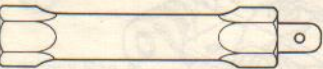


9

(Screw Bag A)



(Rod Bag)

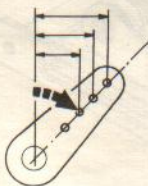
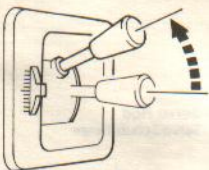


Body Mount

(Screw Bag B)

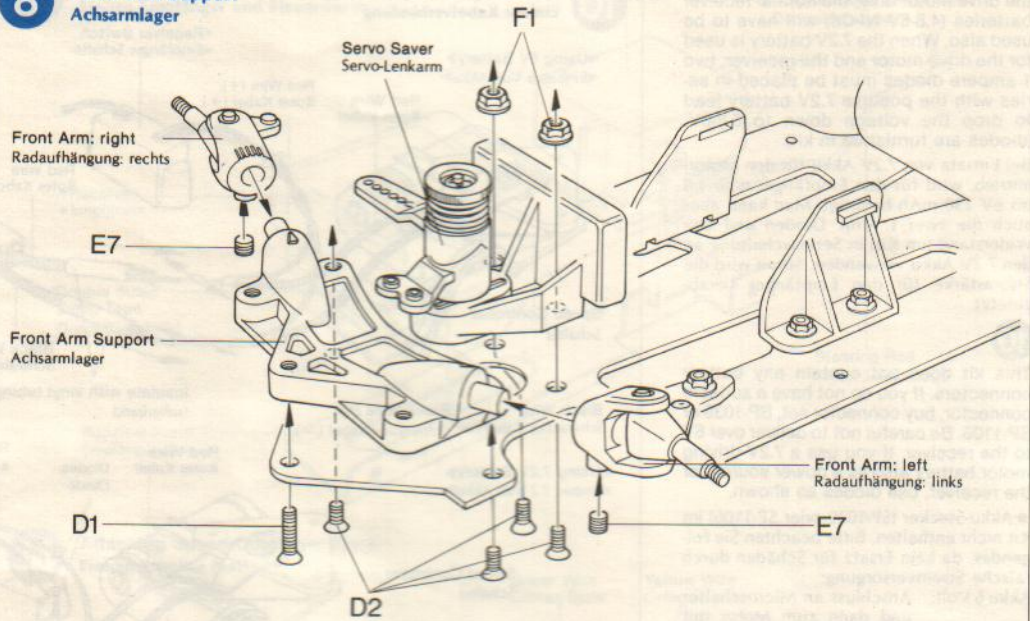


Even when the transmitter stick is pushed to the full in the same way, the servo horn gives different amounts of movement according to its hole position.
Wenn der Steuerhebel ganz ausschlägt, dann macht Servohorn je nach Lochwahl verschiedene Ausschläge.

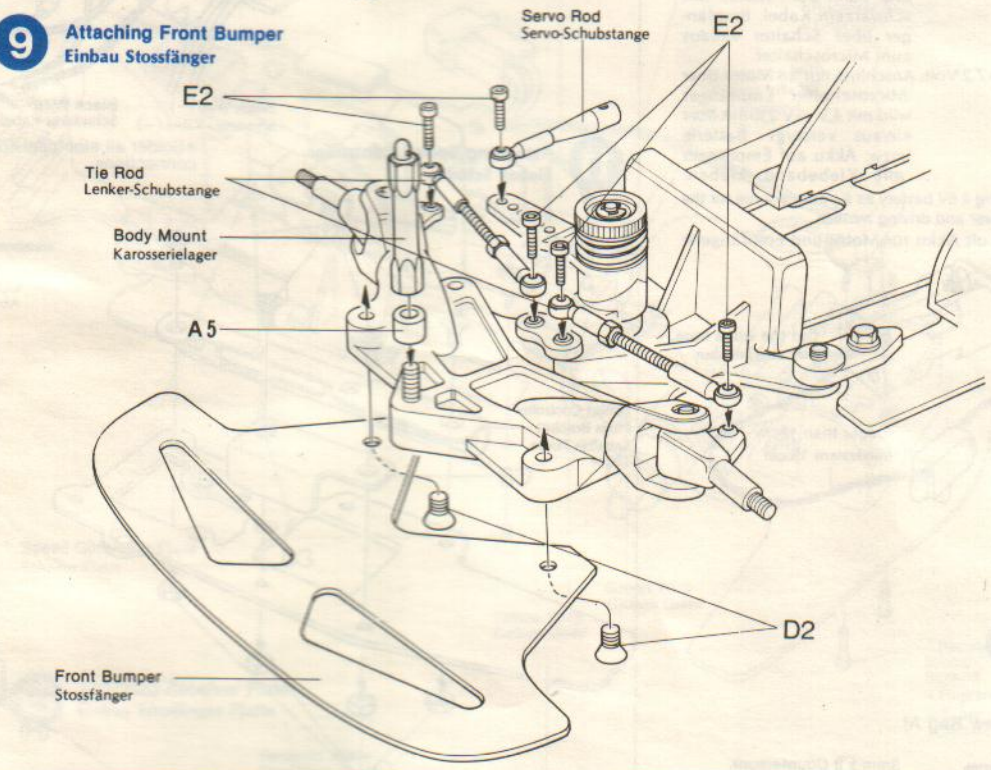


* Transmitter
* Sender

8 Front Arm Support
Achslager



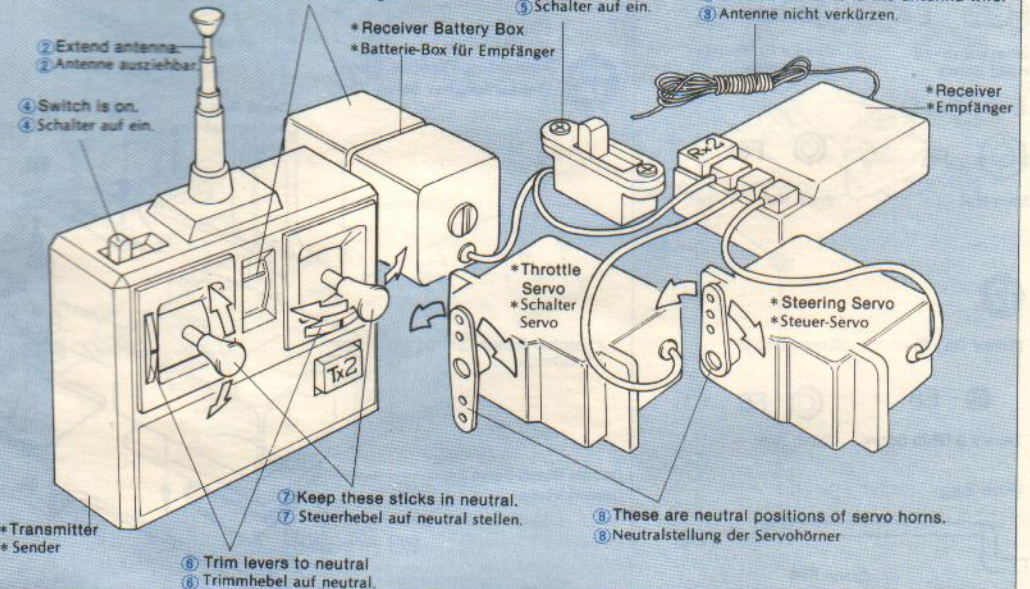
9 Attaching Front Bumper
Einbau Stossfänger



<RC Equipment>
<RC Anlage>

★ Check RC equipment in order.
★ RC Anlage auf Vollständigkeit prüfen.

- ① Install battery cells.
① Batterien einlegen.
- ② Switch is on.
② Schalter auf ein.
- ③ Loosen and extend the antenna wire.
③ Antenne nicht verkürzen.



- ④ Extend antenna.
④ Antenne ausziehbar.
- ⑤ Keep these sticks in neutral.
⑤ Steuerhebel auf neutral stellen.
- ⑥ Trim levers to neutral.
⑥ Trimmhebel auf neutral.
- ⑦ These are neutral positions of servo horns.
⑦ Neutralstellung der Servohörner.

«NOTE»

When using the 7.2V Ni-Cd Battery for the drive motor only, the normal receiver batteries (4.8-6V Ni-Cd) will have to be used also. When the 7.2V battery is used for the drive motor and the receiver, two 1 ampere diodes must be placed in series with the positive 7.2V battery lead to drop the voltage down to 5.8-6V. (diodes are furnished in kit)

Bei Einsatz von 7.2V Akku für den Motorantrieb, wird für den Empfänger eine 4.8 bis 6V 250 mAh benötigt. Man kann aber auch die zwei 1 Amp. Dioden und den Widerstand (im Kit) in Serienschaltung an den 7.2V Akku verwenden. Somit wird die Stromstärke für den Empfänger herabgesetzt.

10

This kit does not contain any battery connectors. If you do not have a suitable connector, buy connector set, SP-1039 or SP-1106. Be careful not to deliver over 6V to the receiver. If you use a 7.2V driving motor battery also as a power source for the receiver, use diodes as shown.

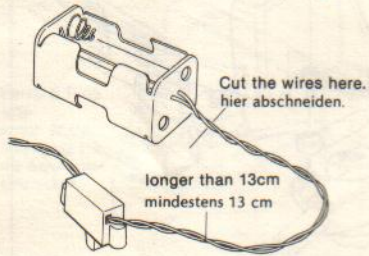
★Akku-Stecker (SP-1039 oder SP-1106) im Kit nicht enthalten. Bitte beachten Sie folgendes, da kein Ersatz für Schäden durch falsche Stromversorgung:

Akku 6 Volt: Anschluss an Microschalter und dann zum Motor mit schwarzem Kabel. Empfänger über Schalter ein/aus zum Microschalter.

Akku 7.2 Volt: Anschluss nur an Motor über Microschalter Empfänger wird mit 4,5~6V 250mA über ein/aus versorgt. Batterie bzw. Akku auf Empfänger mit Klebeband kleben.

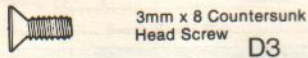
«Using a 6V battery as a power source for the receiver and driving motor»

«6 Volt Akku für Motor und Empfänger»

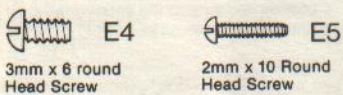


11

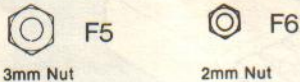
(Screw Bag A)



(Screw Bag B)



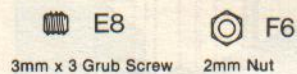
(Screw Bag C)



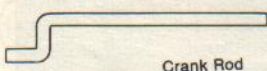
12

(Screw Bag B)

(Screw Bag C)

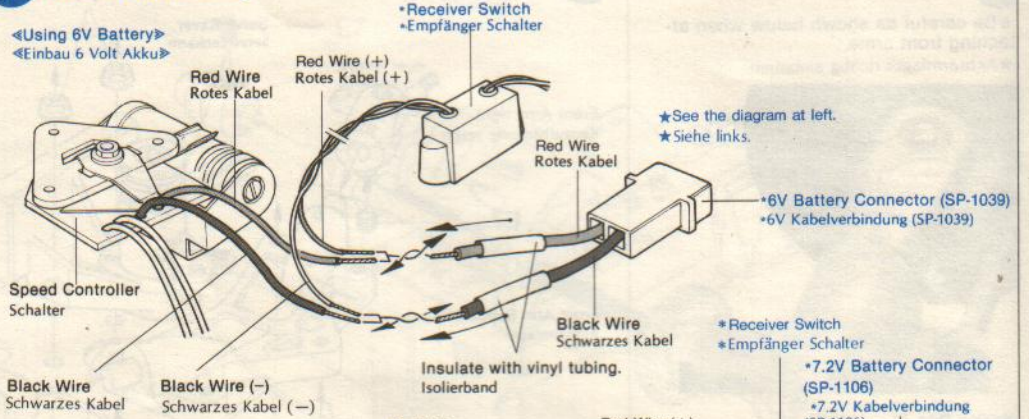


(Rod Bag)

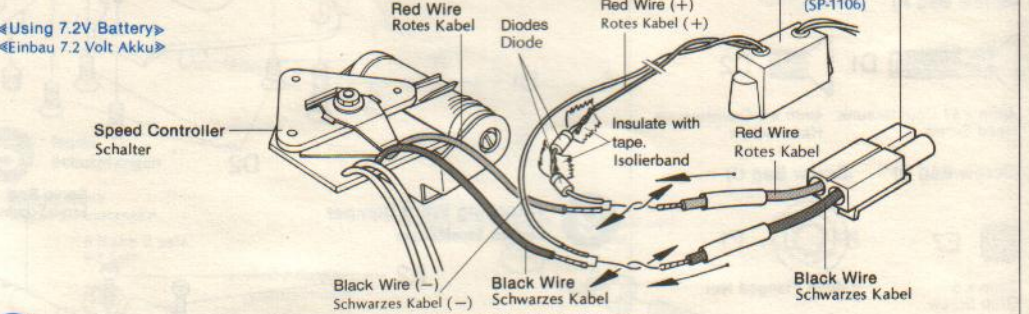


10 Attaching Battery Connector Einbau Kabelverbindung

«Using 6V Battery»
«Einbau 6 Volt Akku»



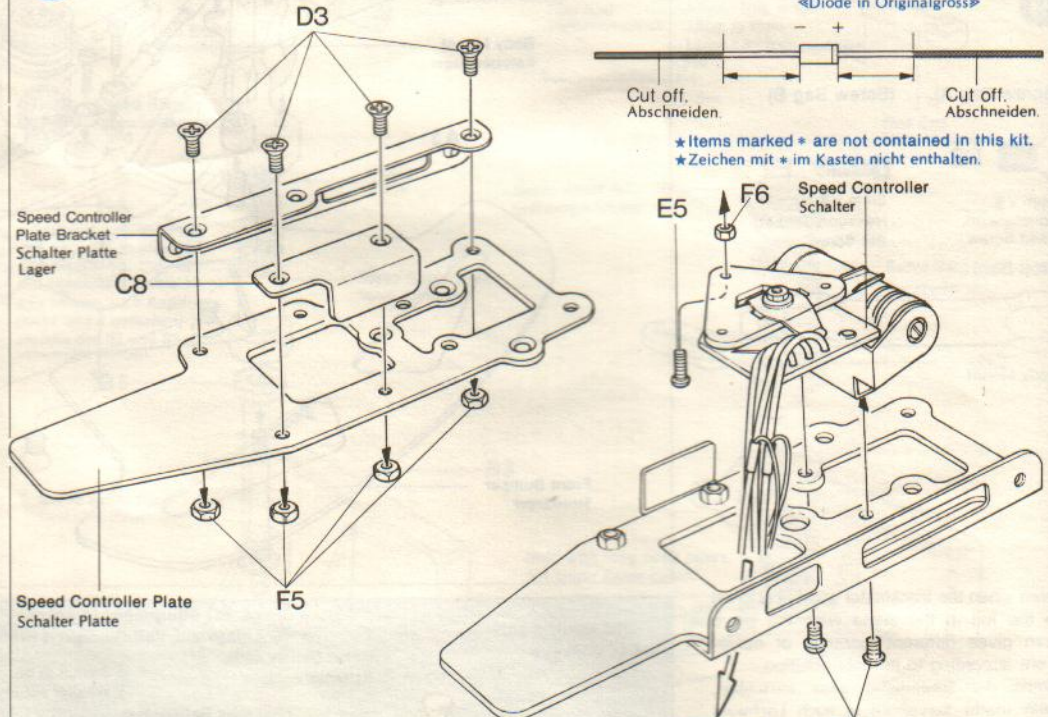
«Using 7.2V Battery»
«Einbau 7.2 Volt Akku»



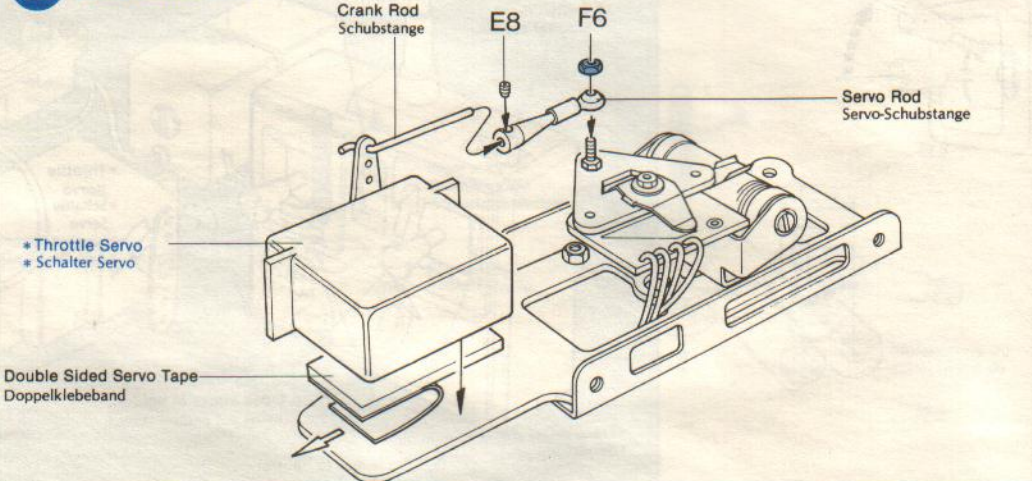
11 Attaching Speed Controller Einbau Schalter

★Solder all electrical-splice connections.

«Diode: full size»
«Diode in Originalgröss»



12 Attaching Throttle Servo Einbau Schalter Servo



★Items marked * are not contained in this kit.
★Zeichen mit * im Kasten nicht enthalten.

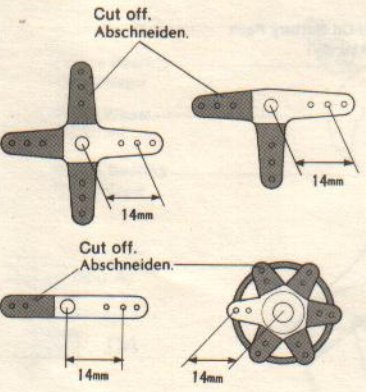
★See the diagram at left.
★Siehe links.

★Items marked * are not contained in this kit.
★Zeichen mit * im Kasten nicht enthalten.

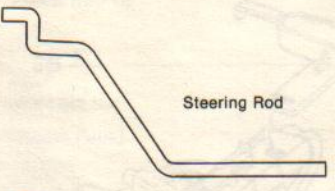
13

«Servo Horn»
«Servo-Hörner»

The shape of the servo control horn varies from manufacturer to manufacturer. Je nach Hersteller sind die Servo-Hörner in verschiedener Form. Die Löcher der Hörner sind für die Feineinstellung.



(Rod Bag)



14

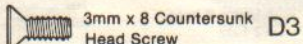
(Screw Bag A)



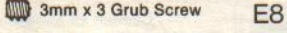
3mm x 8 Countersunk Head Screw

15

(Screw Bag A)



(Screw Bag B)



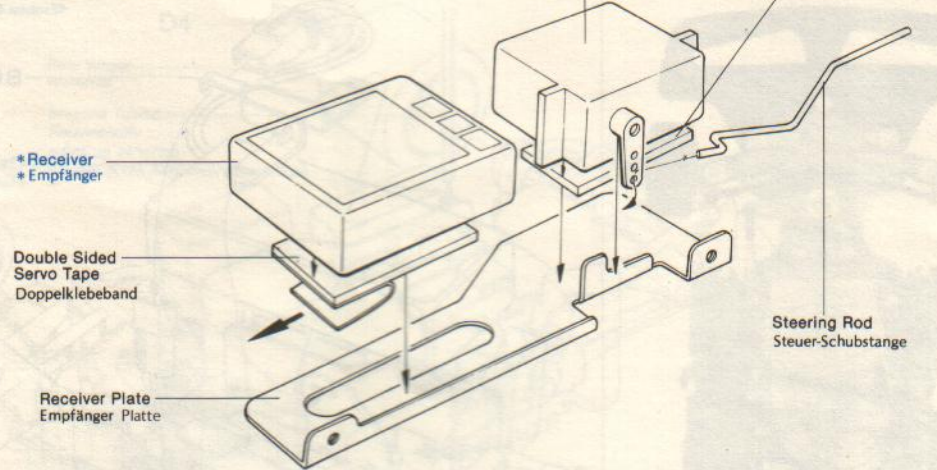
(Blister Pack)



Antenna Pin

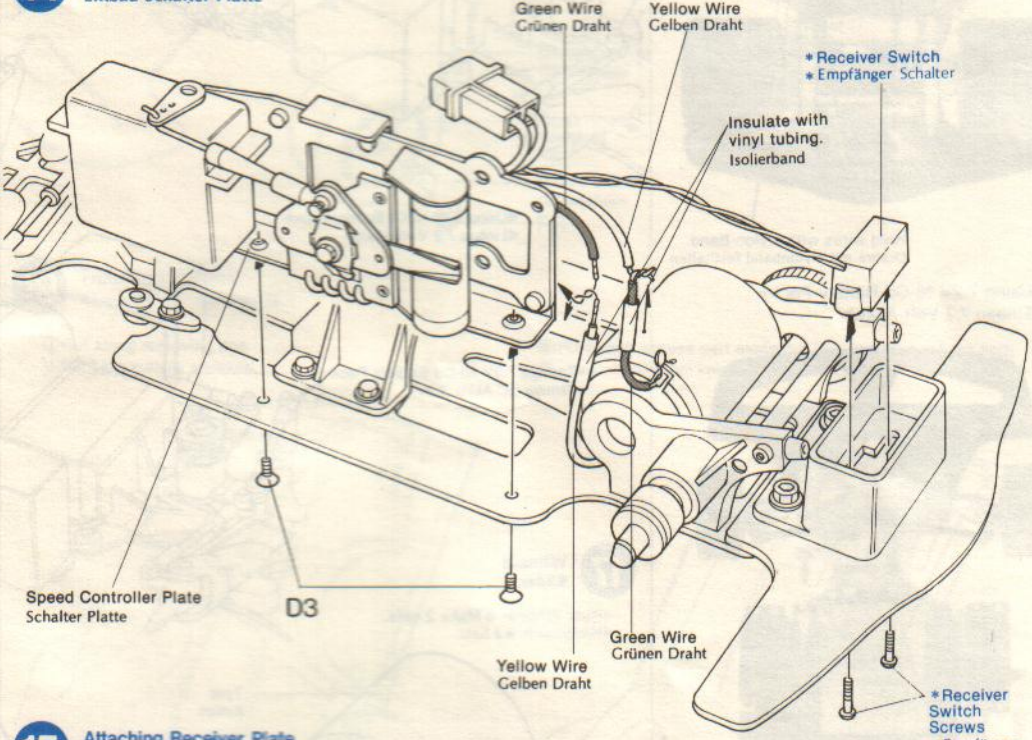
13

Attaching Receiver and Steering Servo
Einbau Empfänger und Steuer-Servo



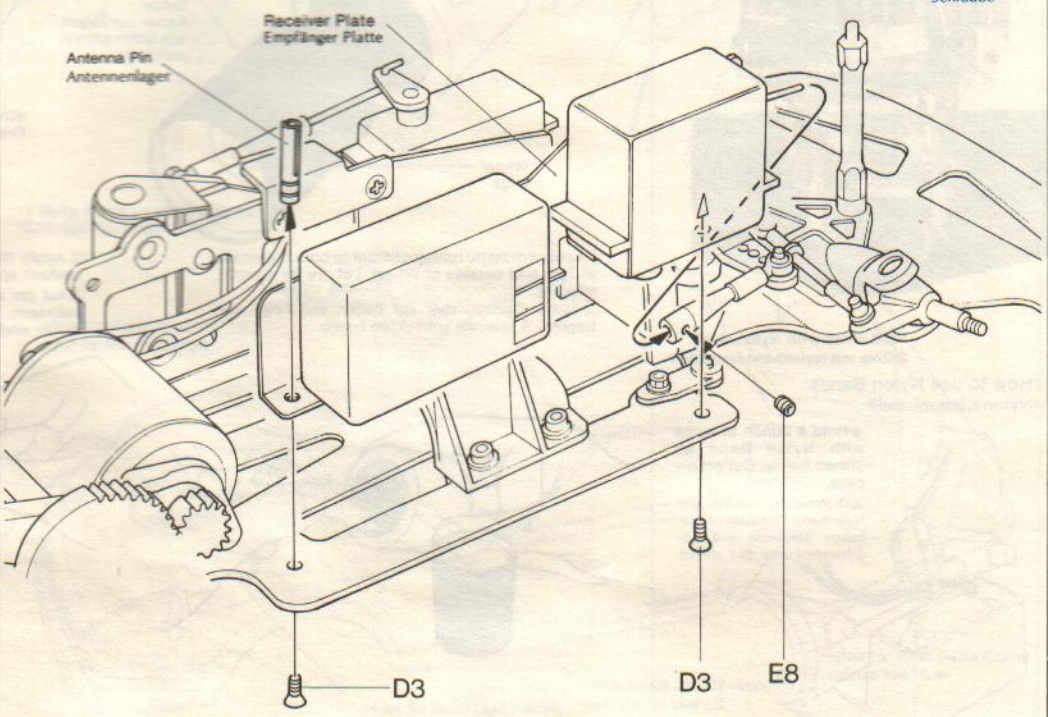
14

Attaching Speed Controller Plate
Einbau Schalter Platte



15

Attaching Receiver Plate
Einbau Empfänger Platte

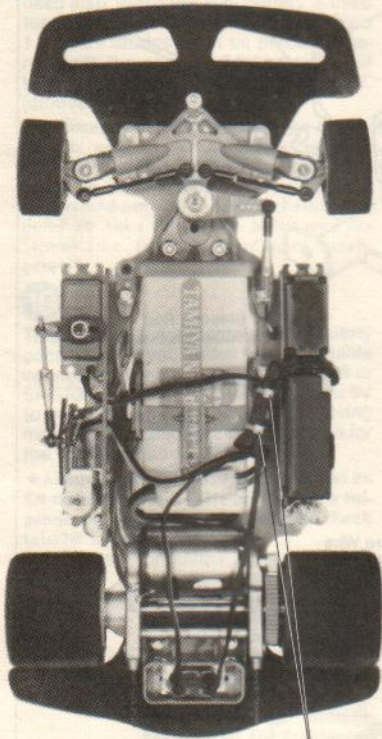


16 <Installation of Ni-Cd Battery Pack>

<Einbau der NC Akku>

<Using 6V Ni-Cd Battery Pack>

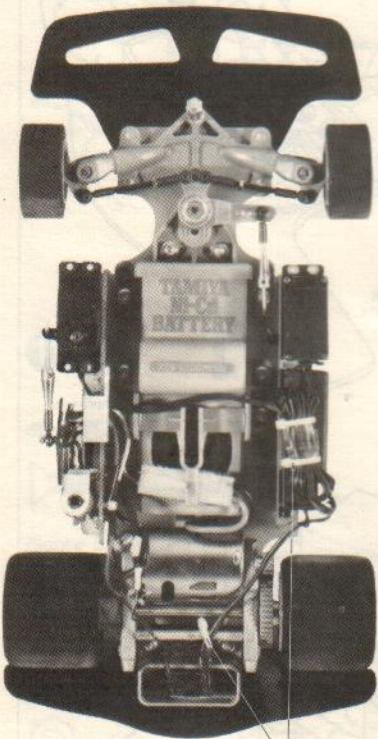
<Einbau 6 Volt Akku>



Hold wires with Nylon Band.
Drähte mit Nylonband festhalten.

<Using 7.2V Ni-Cd Battery Pack>

<Einbau 7.2 Volt Akku>



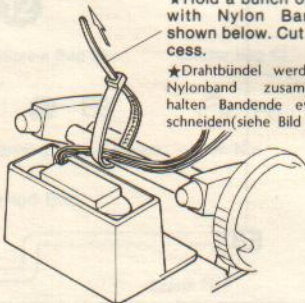
Hold wires with Nylon Band.
Drähte mit Nylonband festhalten.

<How to use Nylon Band>

<Nylon-Klemmband>

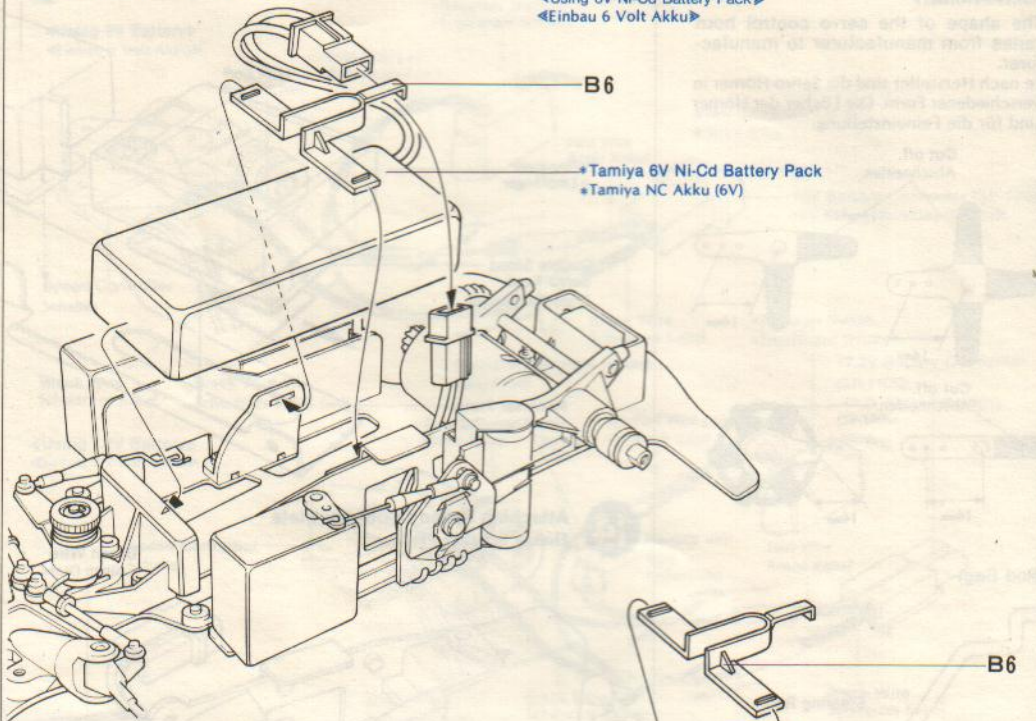
★ Hold a bunch of wires with Nylon Band as shown below. Cut off excess.

★ Drahtbündel werden mit Nylonband zusammengehalten. Bandende evtl. abschneiden (siehe Bild unten).



16 Installation of Ni-Cd Battery Pack
Einbau der NC Akku

<Using 6V Ni-Cd Battery Pack>
<Einbau 6 Volt Akku>

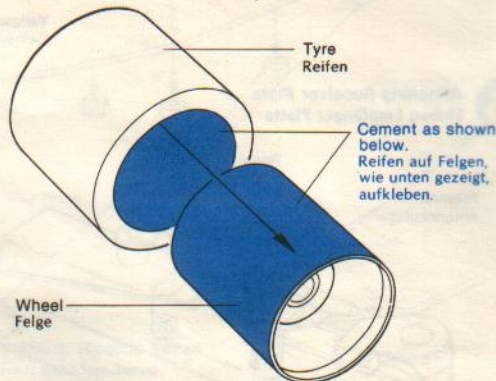


<Using 7.2V Ni-Cd Battery Pack>
<Einbau 7.2 Volt Akku>

*Tamiya 7.2V Ni-Cd Battery Pack
*Tamiya NC Akku (7.2V)

17 Wheels
Räder

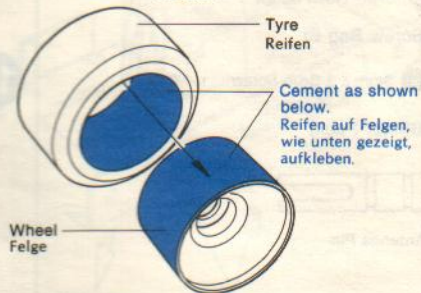
<Rear Wheel> ★ Make 2 sets.
<Hinterrad> ★ 2 Satz



① Apply synthetic rubber cement to both the inside of Tyre and outside of Wheel. Let dry for about 5 minutes.

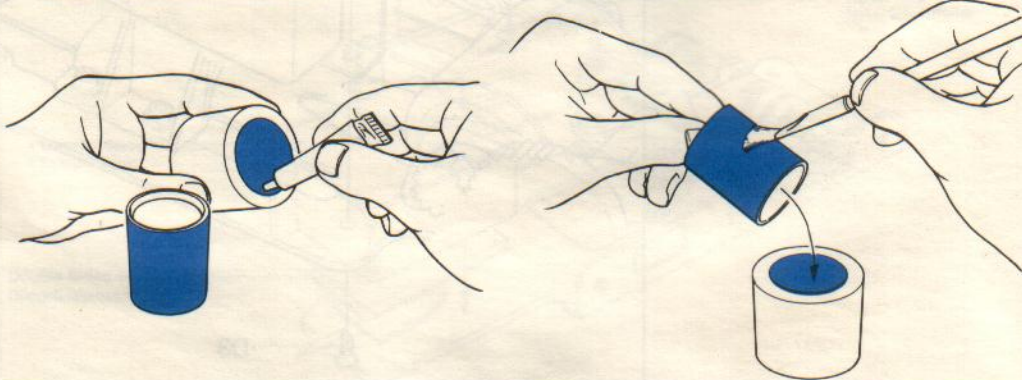
① Synth. Gummikleber auf Reifen und Felge auftragen— 5 Minuten antrocknen lassen.

<Front Wheel>
<Vorderrad> ★ Make 2 sets.
★ 2 Satz



② Apply lacquer thinner on the synthetic rubber cement applied at step 1.

② Auf den angetrockneten Kleber etwas Farverdünnung auftragen, gut verteilen und Felgen vorsichtig in Reifen eindrücken.



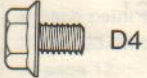
★Parts shown full size
★Teile in Originalgröße

18

★You can also use optional ball bearings instead of oilless bearings.
★Es können auch Kugellager (nicht im Kit enthalten) anstelle des Ölfreienlagers verwendet werden.

- F3
- Oilless Bearing
Ölfreienlager
- Front Wheel
Vorderrad
- Oilless Bearing
Ölfreienlager

(Screw Bag A)



4mm x 6 Flanged Nut

(Screw Bag C)



4mm Lock Nut

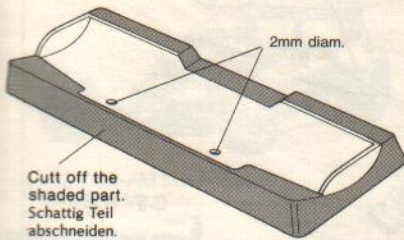
(Blister Pack)



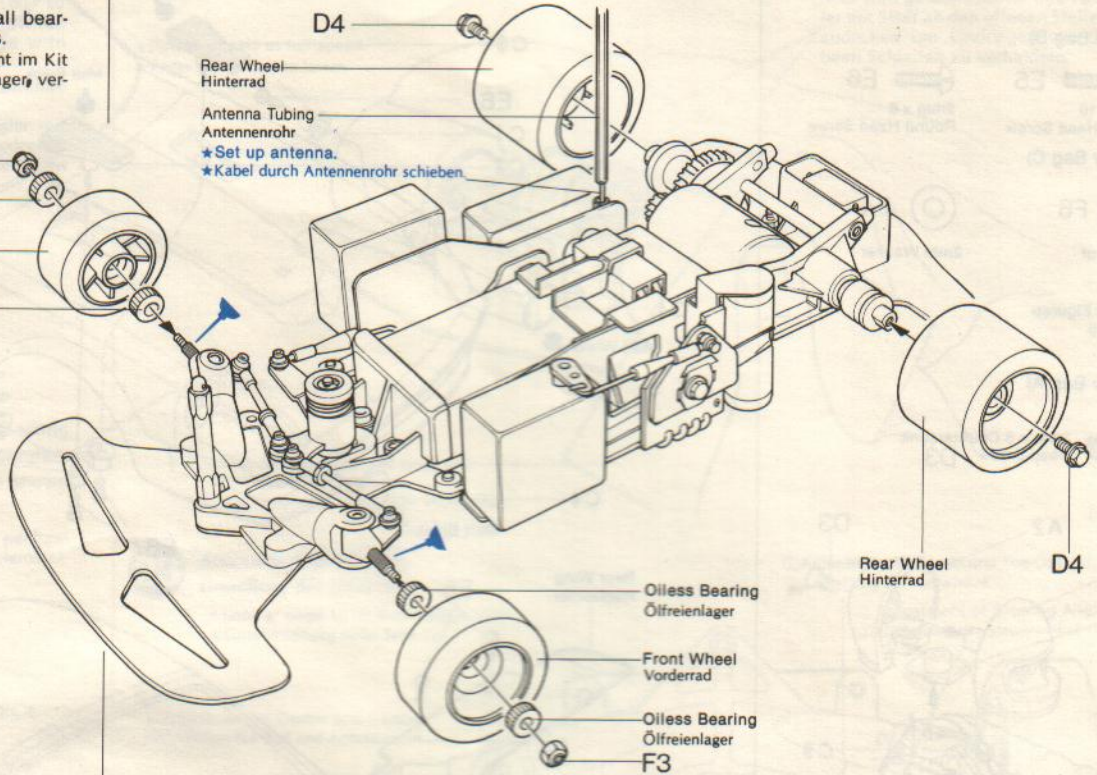
Oilless Bearing

19

«Rear Wing»
«Heckspoiler»



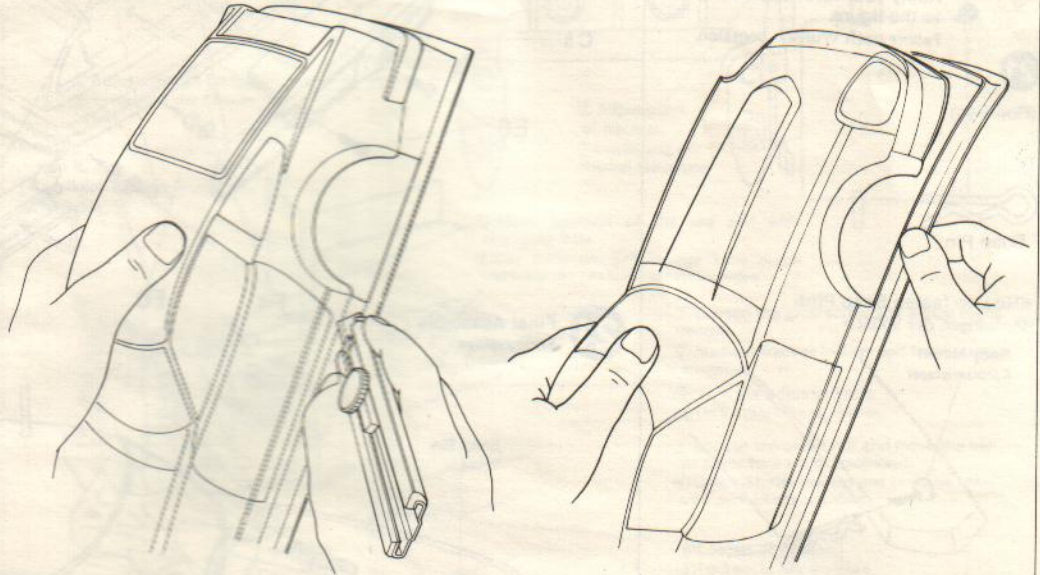
18 Wheel Assembly
Einbau der Räder



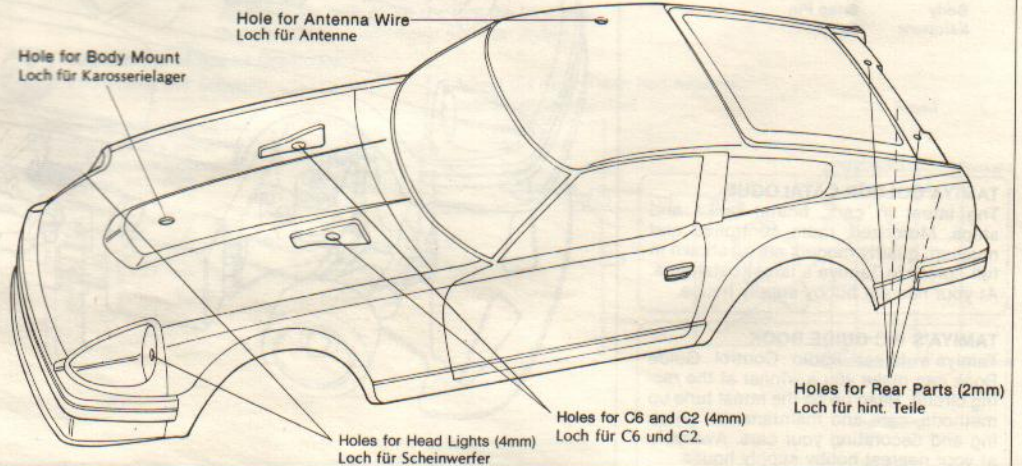
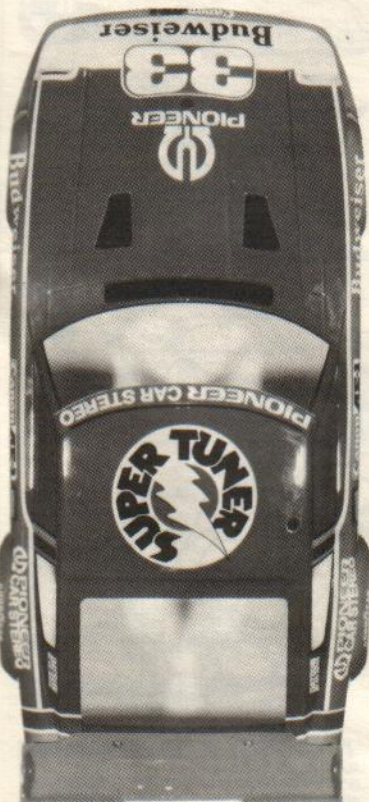
19 Trimming of Body
Abschnitt der Karosserie

- ① Cut along removing line.
- ① Der Linie entlang einritzen.

- ② Fold each excess part along cut line and take out the body.
- ② Überstehendes Teil knicken und abbrechen.



- ③ Make holes as shown below.
- ③ Löcher durchbohren.



★ Parts shown full size
★ Teile in Originalgröße

20

(Screw Bag B)

E5
2mm x 10
Round Head Screw

E6
2mm x 6
Round Head Screw

(Screw Bag C)

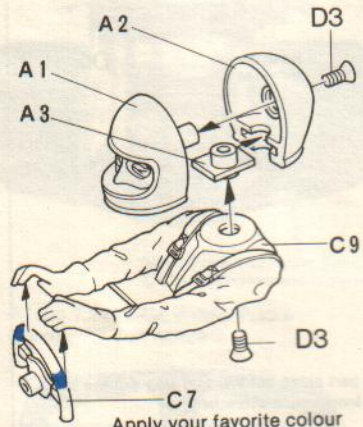
F6
2mm Nut

F4
2mm Washer

«Driver Figure»
«Fahrer»

(Screw Bag A)

3mm x 8 Countersunk
Head Screw D3

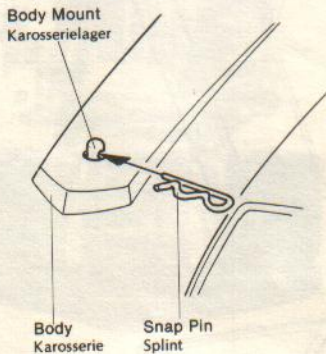


21

(Rod Bag)

Snap Pin

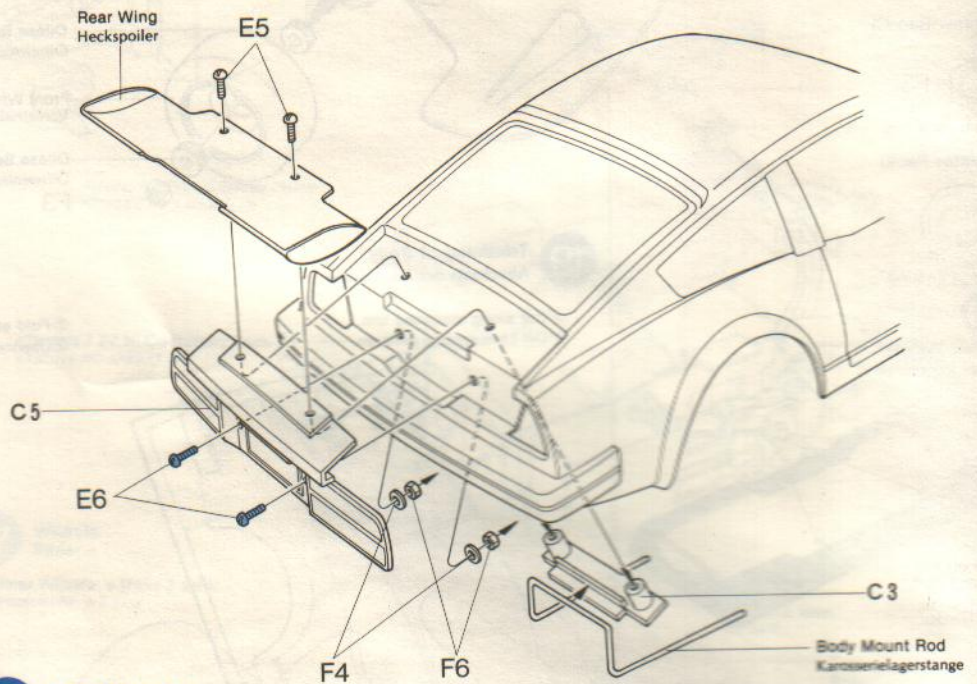
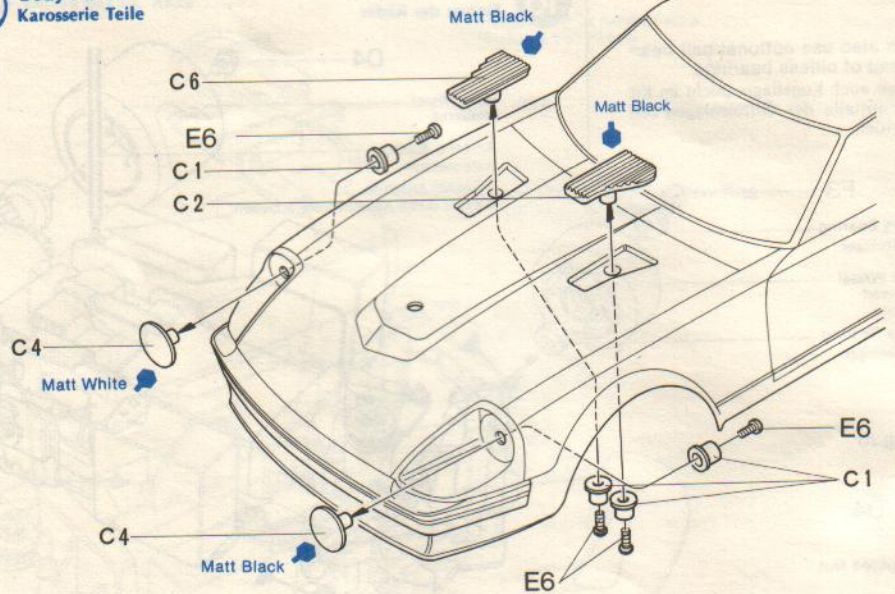
«How to fasten Snap Pin»
«Anbringen der Splint»



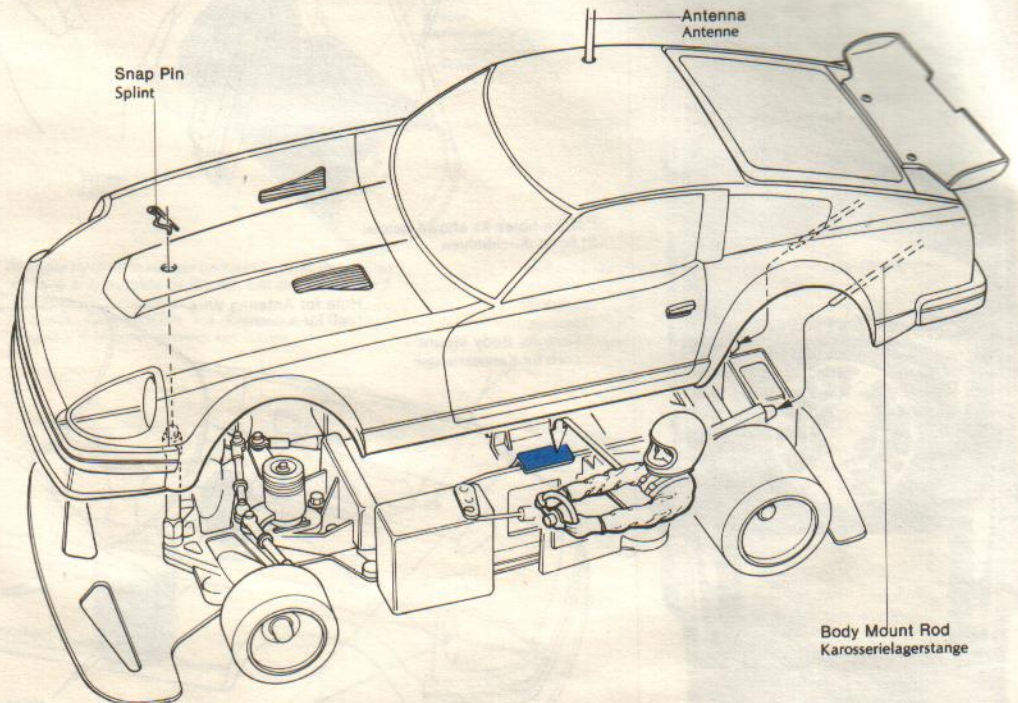
TAMIYA COLOUR CATALOGUE
The latest in cars, boats, tanks and ships. Motorized, radio controlled and museum quality models are all shown in full colour in Tamiya's latest catalogue. At your nearest hobby supply house.

TAMIYA'S R/C GUIDE BOOK
Tamiya's latest Radio Control Guide Book can make you a winner at the racing circuit. Read up on the latest tune up methods, care and maintenance, painting and decorating your cars. Available at your nearest hobby supply house.

20 Body Parts
Karosserie Teile



21 Final Assembly
Endmontage



22 «Sandpapering of Rear Tyres»
«Kantenschleifen der Reifen»

Round off the edges of the rear tyres by means of sandpaper No. 180. To prevent dust from entering the switch and motor, cover their openings with cloth, tape or the like.
Reifenkanten mit Sandpapier etwas abschleifen.
Es wird geraten, Motor und Fahrregler mit Stoff an den offenen Stellen abzudecken um Eindringen von Staub beim Schleifen zu verhindern.

23 «Adjustment of Steering»
«Einstellung der Steuerung»

This model can be adjusted in steering at each point indicated in the diagram of step 23. Detail adjustment is shown on page 12.
Das Modell kann an allen Stellen nachgestellt werden (siehe Step 23). Einzeleinstellung siehe Seite 12.

CAR AND TANK MODELS
SUITABLE FOR RADIO CONTROL

1/10 WILLIAMS FW-07



1/10 RALT RT2 HART 420R



1/10 CAN-AM LOLA RACING
MASTER Mk.1



1/10 SAND SCORCHER



1/12 CHEETAH

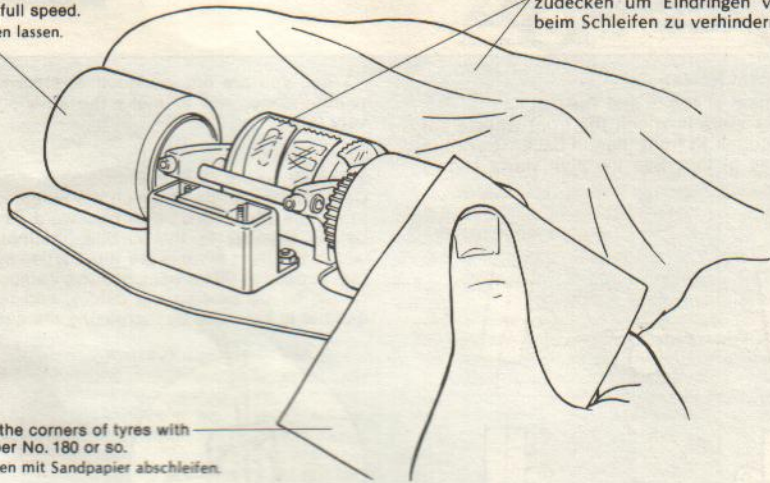


1/16 WEST GERMAN GEPARD



22 Sandpapering of Rear Tyres
Kantenschleifen der Reifen

- ★ Rotate wheels at full speed.
- ★ Räder schnell laufen lassen.

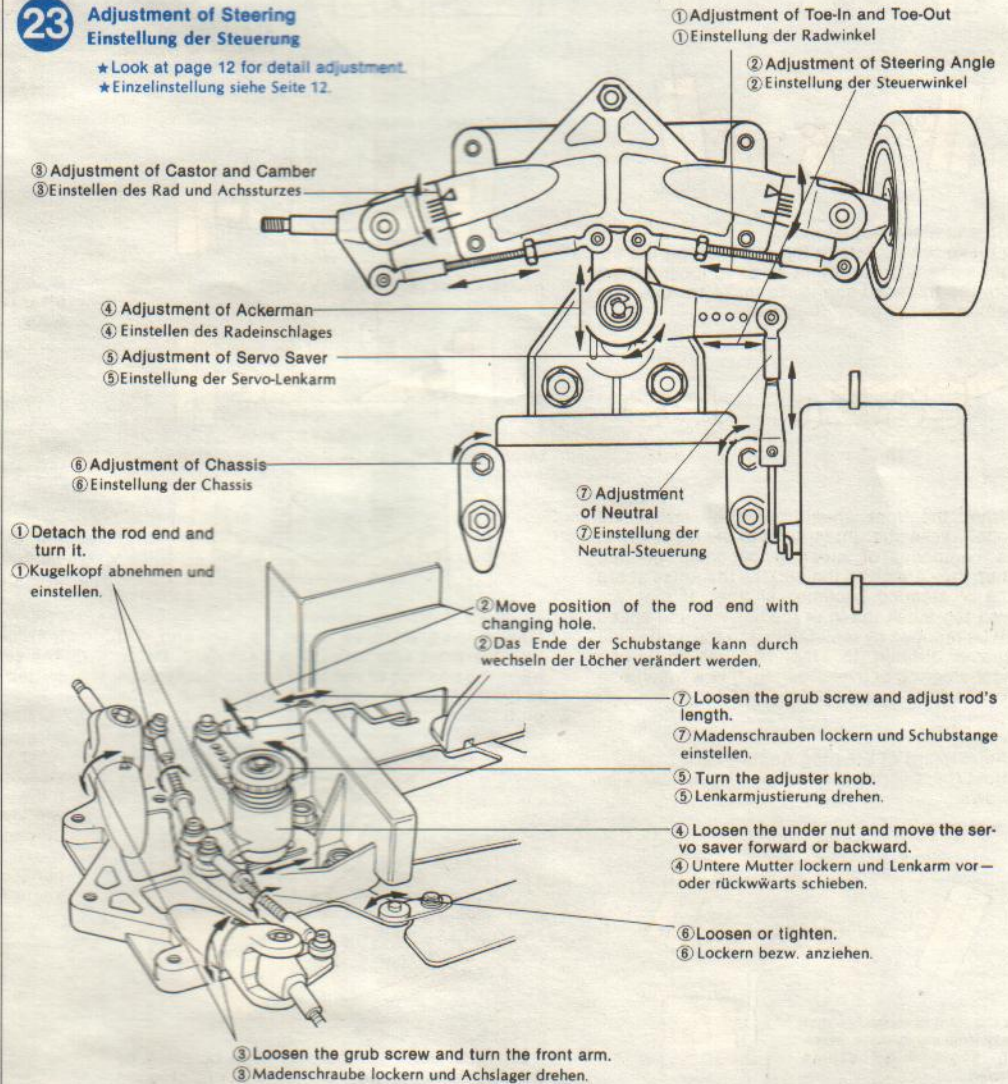


Rub off the corners of tyres with sandpaper No. 180 or so.
Die Kanten mit Sandpapier abschleifen.

★ To prevent dust from entering the switch and motor, cover their openings with cloth, tape or the like.
★ Es wird geraten, Motor und Fahrregler mit Stoff an den offenen Stellen abzudecken um Eindringen von Staub beim Schleifen zu verhindern.

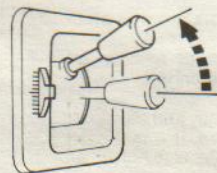
23 Adjustment of Steering
Einstellung der Steuerung

- ★ Look at page 12 for detail adjustment.
- ★ Einzeleinstellung siehe Seite 12.

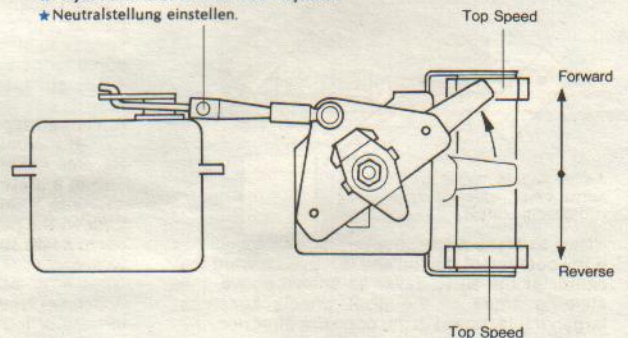


24 Adjustment of Speed Controller
Einstellung der Schalter

- ★ Adjust position of the rod end according to servo's stroke.
- ★ Madenschrauben lockern und Schubstange einstellen.



- ★ Adjust the neutral with Rod Adjuster.
- ★ Neutralstellung einstellen.



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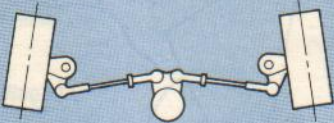


«Adjustment Notes»

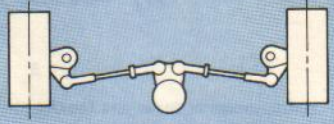
1 Adjustment of Toe-in and Toe-Out

Toe-in is a state in which the front wheels are closer together in front than in back. Toe-out is the reverse of this. See the plan views shown below.

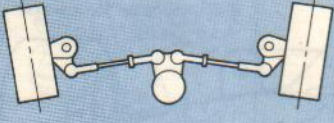
Toe-In



Neutral



Toe-Out



«How to Make Adjustment»

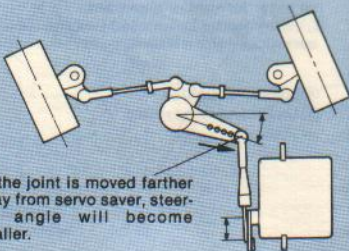
To make toe-in, detach the rod ends on the up-right sides and turn them so as to loosen them from the threaded shafts. To make toe-out, turn them in the opposite direction.



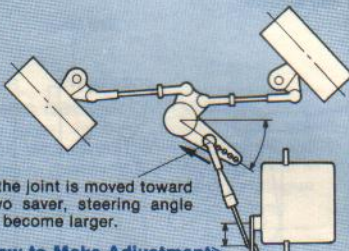
• When the front wheels are given toe-in, the model tracks straight better and the response at the beginning of steering becomes gentler. When they are given toe-out, the response at the time of steering becomes sharper. If they are given too much toe-in or toe-out, running speed will be reduced by resistance and the model will become difficult to steer because of strong under-steering or over-steering. It is advisable to give the front wheels only a little toe-in.

2 Adjustment of Steering Angle

Adjust the steering angle of the front wheels as follows:



As the joint is moved farther away from servo saver, steering angle will become smaller.



As the joint is moved toward servo saver, steering angle will become larger.

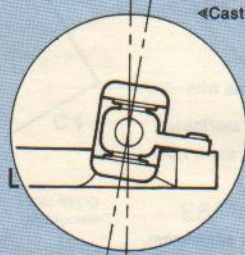
«How to Make Adjustment»

If the position of the rod end is moved toward the center of the servo saver as shown above, the steering angle of the front wheels becomes larger. If it is moved in the opposite direction, the steering angle becomes smaller.

• When you are not yet good at steering, it is recommended not to make the steering angle very large.

3 Adjustment of Castor and Camber

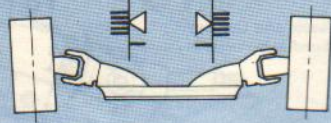
Castor is the angle at which the kingpins (front arms) are tilted forward or backward as shown below. Camber is the vertical inclination by which the front wheels are tilted sideways in or out. In case of this model, positive camber is obtained by decreasing the castor, and negative camber is obtained by increasing the castor.



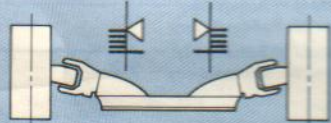
«Castor»

Above is shown position of neutral castor (left).

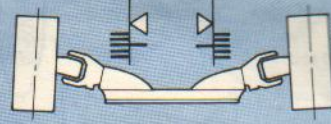
Small Castor (Positive Camber)



Neutral Castor (No Camber): Vertical



Large Castor (Negative Camber)



«How to Make Adjustment»

Loosen the grub screw under the front arm, and turn the front arm forward or backward. Determine the position of the front arm with reference to the mark on the sub-frame, and tighten up the grub screw.



• When negative camber has been obtained by increasing the castor, the response to steering becomes sharper and there is some tendency to over-steering.

• When positive camber has been obtained by decreasing or eliminating the castor, the response to steering becomes gentler and there is some tendency to under-steering.

4 Adjustment of Ackerman and Reverse Ackerman

Ackerman type: The front wheels are in a state of toe-out during steering.

Reverse Ackermann type: The front wheels are in a state of toe-in during steering.

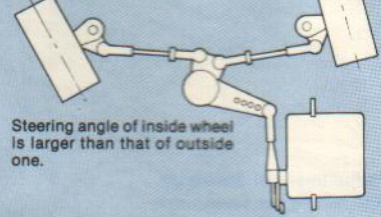
«How to Make Adjustment»

Loosen the nut of the servo saver, and move the servo saver forward or backward. If it is moved forward, the front wheels become Reverse Ackerman type. If it is moved backward, they become Ackerman type.

In case of the Ackerman type, there is some tendency to under-steering. In case of the reverse

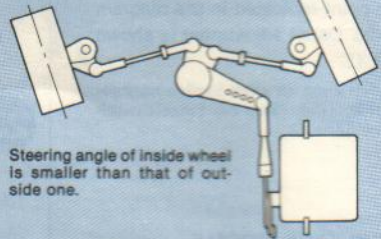
Ackerman type, there is some tendency to over-steering.

«Ackerman»



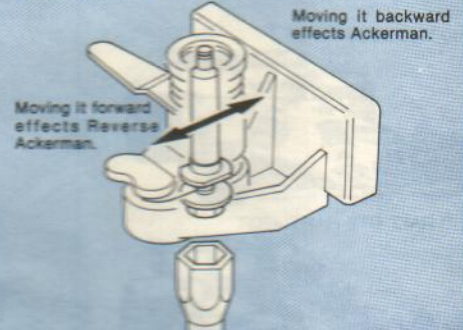
Steering angle of inside wheel is larger than that of outside one.

«Reverse Ackerman»



Steering angle of inside wheel is smaller than that of outside one.

«Adjustment by Servo Saver»



• If the servo saver is moved, the setting of neutral (steering) and toe-in or toe-out will be changed. It is necessary to reset them.

5 Adjustment of Servo Saver

The servo saver weakens collision shocks transmitted from the front wheels to the servo.

«How to Make Adjustment»

Adjust the servo saver by turning the knob provided on its top.

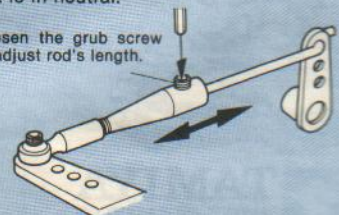
If the knob is tightened too much, the servo saver will lose its function. If it is loosened too much, the model will not run stably. The clearance between the lower surface of the knob and the upper surface of the servo saver body should be about 8mm as shown below.



6 Adjustment of Neutral

The adjustment of neutral in steering forms the foundation of setting. Make adjustment so that the model moves straight when the transmitter stick is in neutral.

Loosen the grub screw to adjust rod's length.



DATSUN 280ZX



<How to Make Adjustment>

Loosen the grub screw of the rod adjuster, and adjust the length of the crank rod so that the front wheels face straight forward when the steering servo is in neutral.

7 Adjustment of Chassis

If steering characteristics differ according to corners (for instance, under-steering in the right corner and over-steering in the left corner), adjust the twist of the chassis. Then, the difference in steering characteristics will be decreased to some extent.

<How to Make Adjustment>

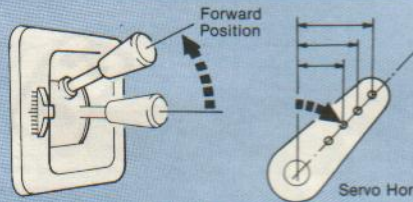
This adjustment is made by means of the grub screw as shown below.



* In case of over-steering in the right corner and under-steering in the left corner, tighten the grub screw on the right side of the chassis. In case of under-steering in the right corner and over-steering in the left corner, tighten the grub screw on the left side of the chassis.

8 Servo Arm Hole Selection

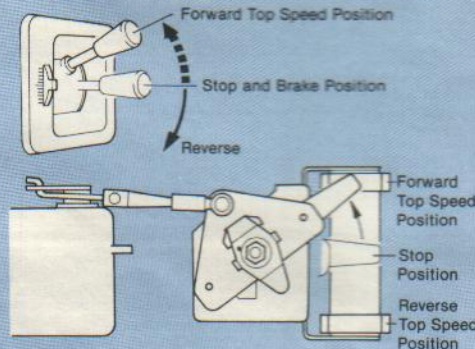
Servo arm holes are for various throw lengths of push rods. Select a hole that will allow full travel of the speed control wiper from the center of the



resistor to the outside edge when moving the throttle stick on the transmitter from neutral to full forward or reverse position.

9 Adjustment of Speed Controller

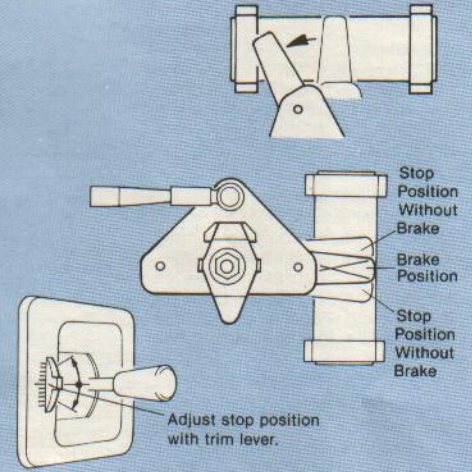
The variable speed control resistor is center tapped so that one half is used for forward speed and the other half for reverse and braking. Adjust the moveable wiper arm so that when the transmitter stick is centered, the wiper arm rests on the center metal strap of the resistor. At full forward stick, the wiper arm should rest at the extreme end of the resistor and at full down stick,



the wiper arm stops at the opposite end of the resistor. Bear in mind that this resistor will get extremely hot while running at low and medium speeds, and could actually burn out if run in this manner for long periods. Final adjustment can be made with the transmitter trim control lever at the track, for slight braking or no power when stick is in neutral position.

(BRAKING AND STOPPING)

At the neutral (no power) position, your car will coast to a stop due to the dynamo effect of the motor. For quick braking, a slight reverse stick movement is desirable; however you do not want to actually reverse the movement of the wheels by applying too much reverse stick.



<Inspection prior to operation>

Check the points outlined in the figure before operation. It is recommended that the model be put on a base with wheels free to rotate. In the first operation after assembly, run the motor slowly for the first five minutes to wear in the moving parts, at the same time checking the steering and motor speed control servo operation.

<Einlaufen>

Nach Zusammenbau das Modell langsam die ersten 5 Minuten laufen lassen und dabei die Steuerung und Schalter auf gute Wirkung beobachten.

1 Make sure that screws, particularly grub screws, are tight enough.

2 Double check the transmitter batteries for full charge if Ni-Cd, by means of meter or lamp. If low, re-charge. If no Ni-Cd, replace with new batteries.

3 Check the Ni-Cd battery, and replace or recharge. Remember, a low receiver battery can mean loss of control. Be safe.

4 Double check the wiring for breaks and short circuits. Secure with vinyl tape.

5 Check each tyre and wheel to see that they are properly and completely cemented, and that they are not worn too thin, which would reduce your ground clearance.

6 Make sure that no screws or parts protrude below the chassis, which could cause an acci-

dent by ground contact. Secure all loose wiring and bundle them together.

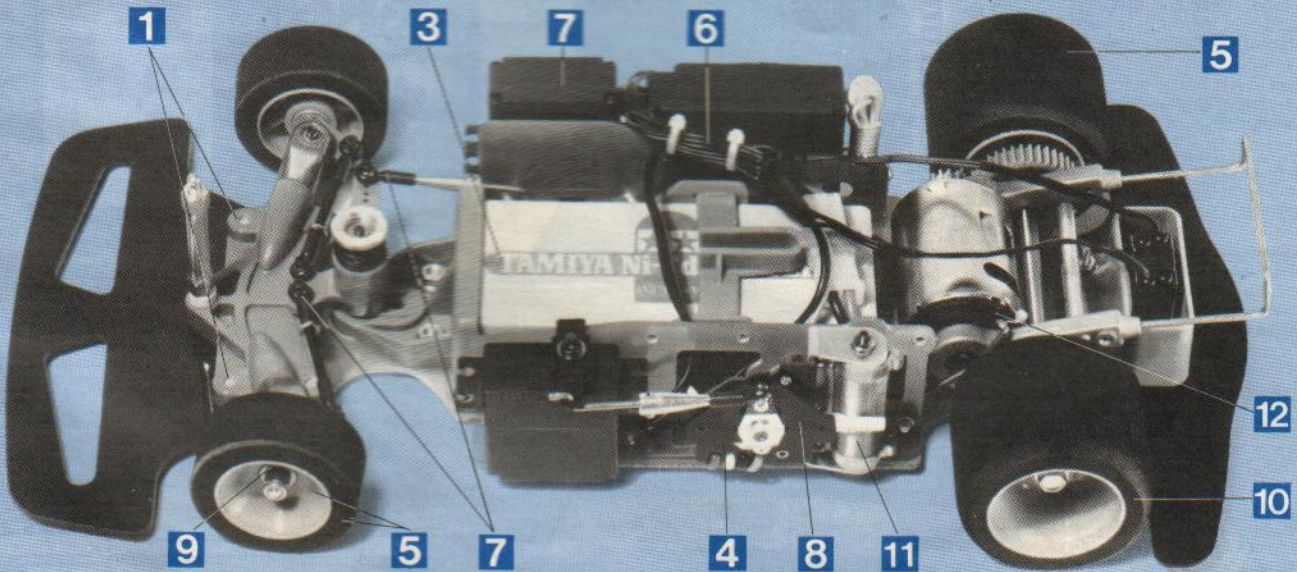
7 Adjust steering servo and/or trims so that the car tracks in a straight line with transmitter at neutral.

8 Double check the speed switch for full travel to high speed and stop limits.

9 Make sure that the front wheels rotate smoothly and are lightly oiled.

10 Make sure that the wheels run smoothly. Lightly oil all bearings and gears with Tamiya spray oil. Don't forget the differential.

11 Check the speed resistor and if burnt, sand it lightly to remove any residue, and polish well for smooth power transition.



12 Check the motor lead wires for shorts and insulate them with vinyl tape. Keep them clear of the motor mount.

1 Darauf achten, dass alle Schrauben gut angezogen sind.

2 Nur gute Batterien für den Sender verwenden.

3 NC Akkus müssen aufgeladen sein. Nicht volle Akkus oder Batterien geben bei schwacher Leistung keine oder nur schwache Impulse ab.

4 Kabel gut isolieren um Kurzschluss zu vermeiden.

5 Darauf achten, dass alle Reifen richtig auf die Felgen geklebt sind. Abgefahrene Reifen lassen das Chassis auf der Strasse aufliegen und führen zu Schäden am Chassis.

6 Darauf achten, dass keine Teile über das Chassis hinausragen, sonst Bruchgefahr. Schrauben evtl. ganz eindrehen.

7 Steuerung muss einwandfrei arbeiten. Modell muss geradeaus fahren. Wenn Fahrzeug nach links oder rechts zieht, mit Trimmhebel nach justieren.

8 Der Schalter muss auf Topspeed gehen und genau stoppen.

9 Vorderrad muss leicht drehen, evtl. ölen.

10 Hinterräder müssen leicht drehbar sein. Lager und Zahnräder ölen. (evtl. Ölspray)

11 Darauf achten, dass der widerstand nicht angebrannt ist. Evtl. mit Sandpapier nachpolieren. Durchgebrannten Widerstand unbedingt erneuern.

12 Motorkabel dürfen Motorlager nicht berühren. Auf jeden Fall gut Isolierband isolieren.

PAINTING & MARKING

Da die Farben unter der englischen Bezeichnung zu erhalten sind, geben wir nur die englischen Namen an.

<Painting>

The painting diagram shown at right is only an example. Use this as a guide in making up your own paint scheme and add the decals to suit your tastes. Be sure to paint the driver's racing suit, gloves, and seat belts for a realistically finished racing car.

<Bemalung>

Die Zeichnung unten ist ein Beispiel und kann je nach Geschmack verändert werden. Bemalen des Fahrers, Rennanzug, Handschuhe und Gurte bringt mehr Leben in die Scene.

<Suitable paints>

This kit contains a clear body and rear wing made of poly-carbonate, and a driver's helmet made of polystyrene. For best results, use an acrylic or poly-carbonate paint for the body and wing, and polystyrene paint for the driver's face and helmet.

<Farben>

Die Karosserie und der Spoiler ist aus transparentem Poly-Carbonate. Nur Acryl oder Poly-Carbonate Farben verwenden. Der Fahrerhelm ist aus Polystyrene und sollte mit Polystyrenfarben bemalt werden.

<Painting procedure>

Wash the body and rear wing in a mild solution of detergent; rinse thoroughly, and let dry. The surface to be painted should be sanded lightly with a fine sandpaper for better paint adhesion. It is common practice to paint vacuum formed bodies on the inside surface, which leaves a very high gloss finished paint scheme. Mask all the colour separation lines well with a good grade of masking or paper tape. If you are spray painting also cover the outside surface to protect it from over-spray. Paint your dark colours first, gradually going on to the lighter colours. Add your choice of decals and let dry completely.

<Bitte beachten>

Karosserie und Spoiler mit mildem Reinigungsmittel waschen, gut nachspülen und trocknen lassen.

Die Flächen, die bemalt werden, evtl. mit feinstem Sandpapier zur besseren Haftung der Farbe, etwas anrauen. Die Erfahrung zeigt, dass man die Karosserie von innen bemalt, das bringt nach aussen mehr Glanzeffekt.

An Farbgrenzen gut abdecken mit Papierklebeband. Bei Verwendung

von Sprayfarben, auch die Aussenflächen abdecken um Übersprühen zu vermeiden.

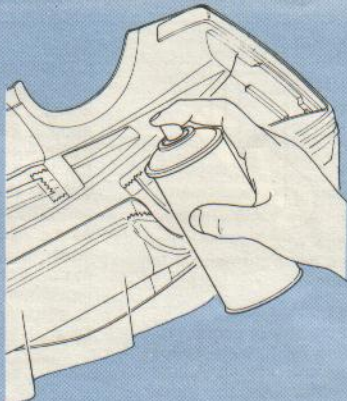
Immer erst dunklere Farben auftragen, dann erst die helle Töne. Bemalte Flächen gut trocknen lassen

<Marking>

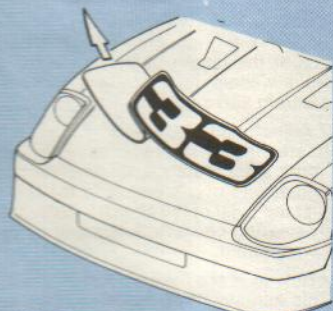
(1) Decals are on seals of sticker tape. A decal to be applied should be cut off beforehand.

(2) Peel off the end of lining a little and put the decal in position on the

that air is not trapped under it. If the lining is completely removed in advance, the decal may be wrinkled or contain unwanted air bubbles.



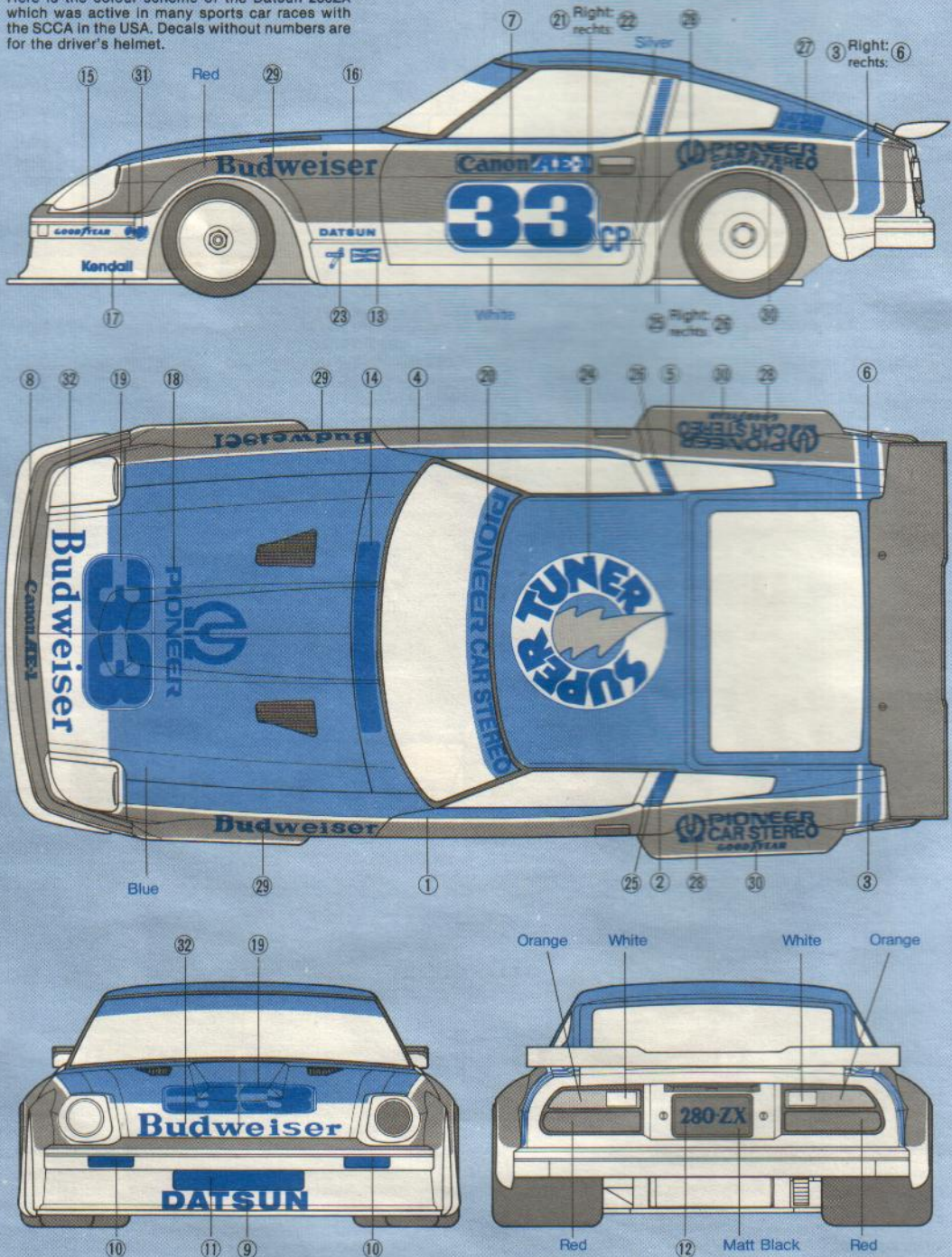
und vor Staub schützen. Keine Haftung für Schäden, die durch falsche Farbenwahl entstehen.



<Markierung>

Die Decals sind selbstklebend. Erst ausschneiden, dann anbringen. Das Schutzpapier etwas entfernen. Decals ansetzen und dann vorsichtig aufdrücken und Papier gleichzeitig abziehen. Wenn das Papier vorher ganz abgezogen wird, kann das Decal zerknittern oder es bilden sich Blasen.

Here is the colour scheme of the Datsun 280ZX which was active in many sports car races with the SCCA in the USA. Decals without numbers are for the driver's helmet.



High Performance Tune Up and Spare Parts for Datsun 280ZX (not included in kit)
 Datsun 280ZX "Tuning" (im Kit nicht enthalten)

SP-1151 Datsun 280ZX Spare Body

SP-1150 Molded Sponge Tyre Set 'Front-A'

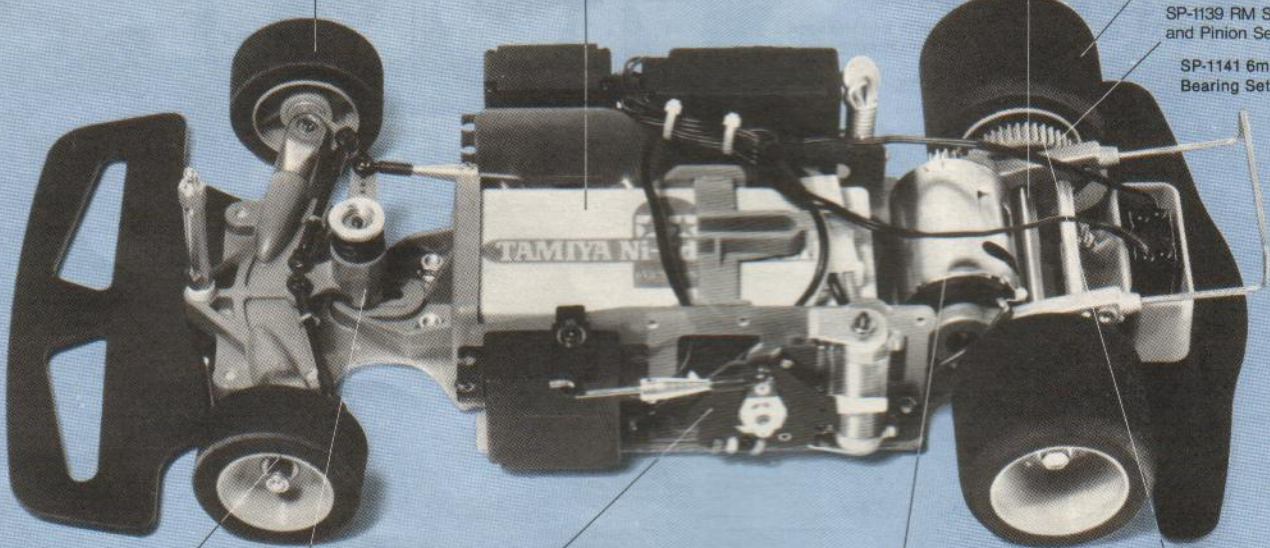
Tamiya 5 or 6 cell Ni-Cd Battery Pack

SP-1142 6mm Rear Axle

SP-1138 Sponge Tyre Set 'Rear F'

SP-1139 RM Spur Gear and Pinion Set

SP-1141 6mm Ball Bearing Set

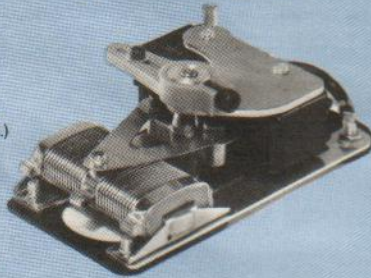


SP-1073 Ball Bearing Set (4 pcs.)

SP-1149 RM Special Steering Tune Up Ball Bearing Set (6 pcs.)



SP-1148 RM Speed Controller Set



SP-1136 RS540SD Black Motor Set

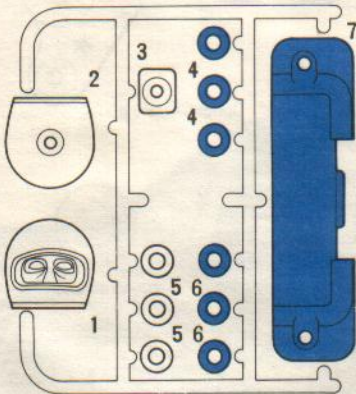


SP-1147 RM Diff. Gear Set

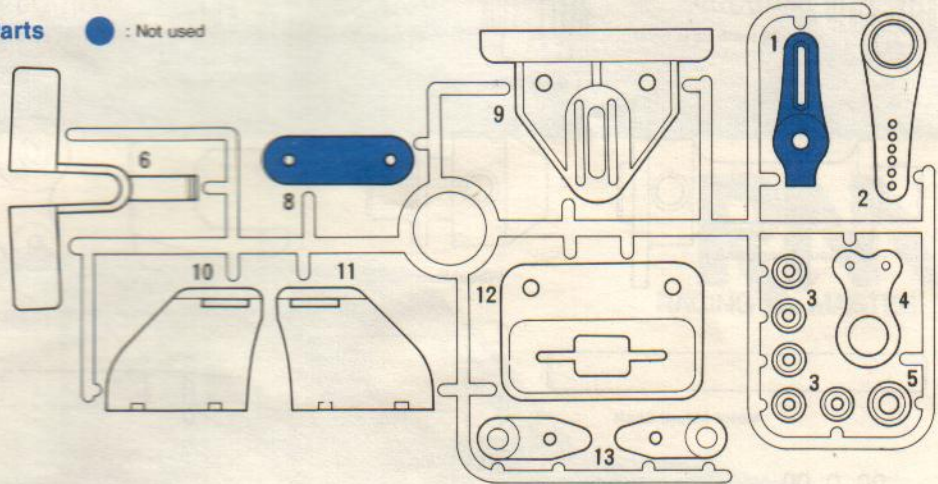


PARTS

A Parts ● : Not used

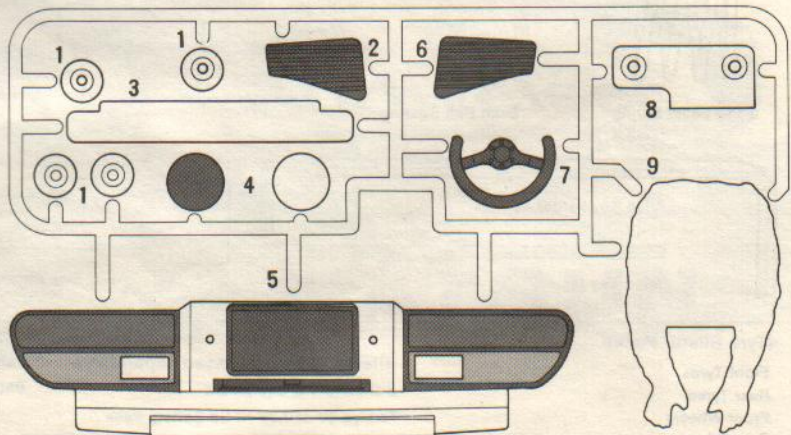


B Parts ● : Not used



C Parts

- White
- Matt Black
- Red
- Orange



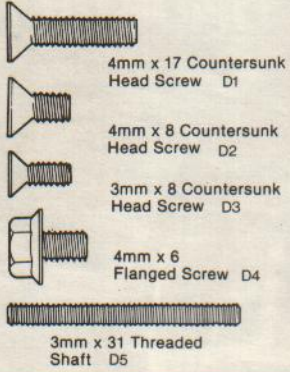
- Body
- Rear Wing
- Chassis
- Antenna Tubing
- Decals
- Front Arm Support

PARTS

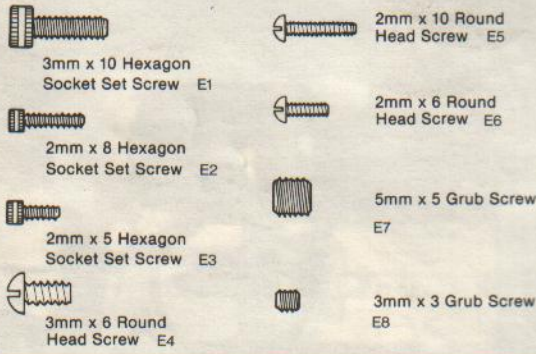
Speed Controller Plate
Receiver Plate

Body Mount Rod
Front Bumper
Rear Bumper

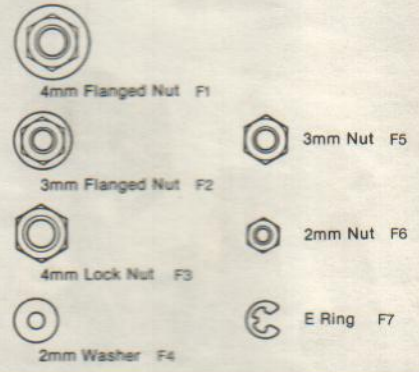
«Screw Bag A»



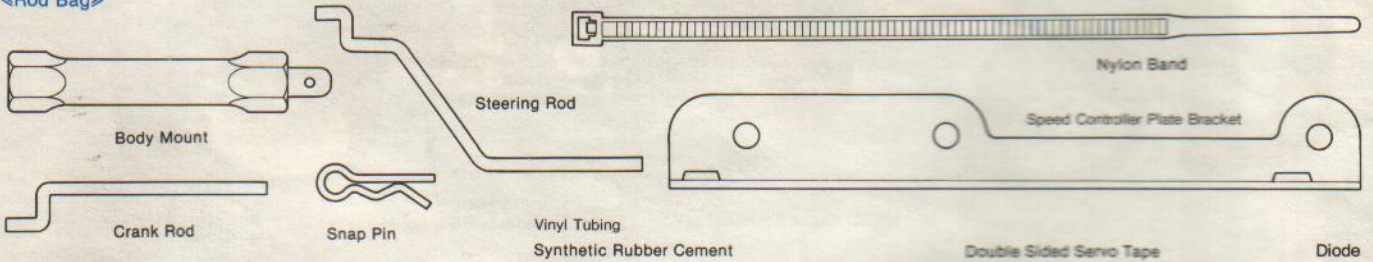
«Screw Bag B»



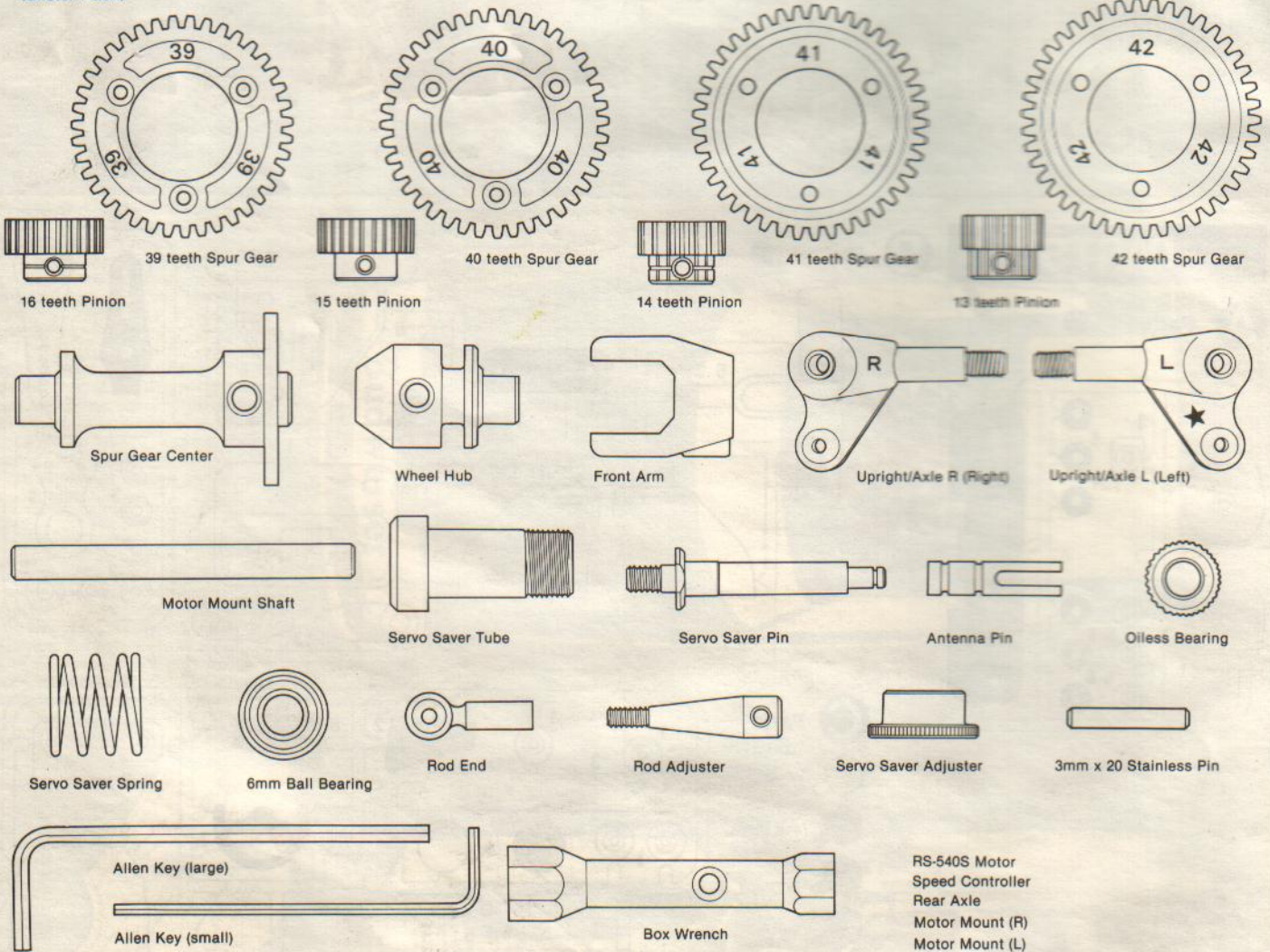
«Screw Bag C»



«Rod Bag»



«Blister Pack»



«Tyre Blister Pack»

Front Tyres
Rear Tyres
Front Wheels
Rear Wheels

«Items to be purchased separately»

2 channel RC Equipment
Tamiya 6V or 7.2V Ni-Cd Battery Pack

Paint suitable for Poly-Carbonate
Battery cells for Transmitter

