

AVANTE

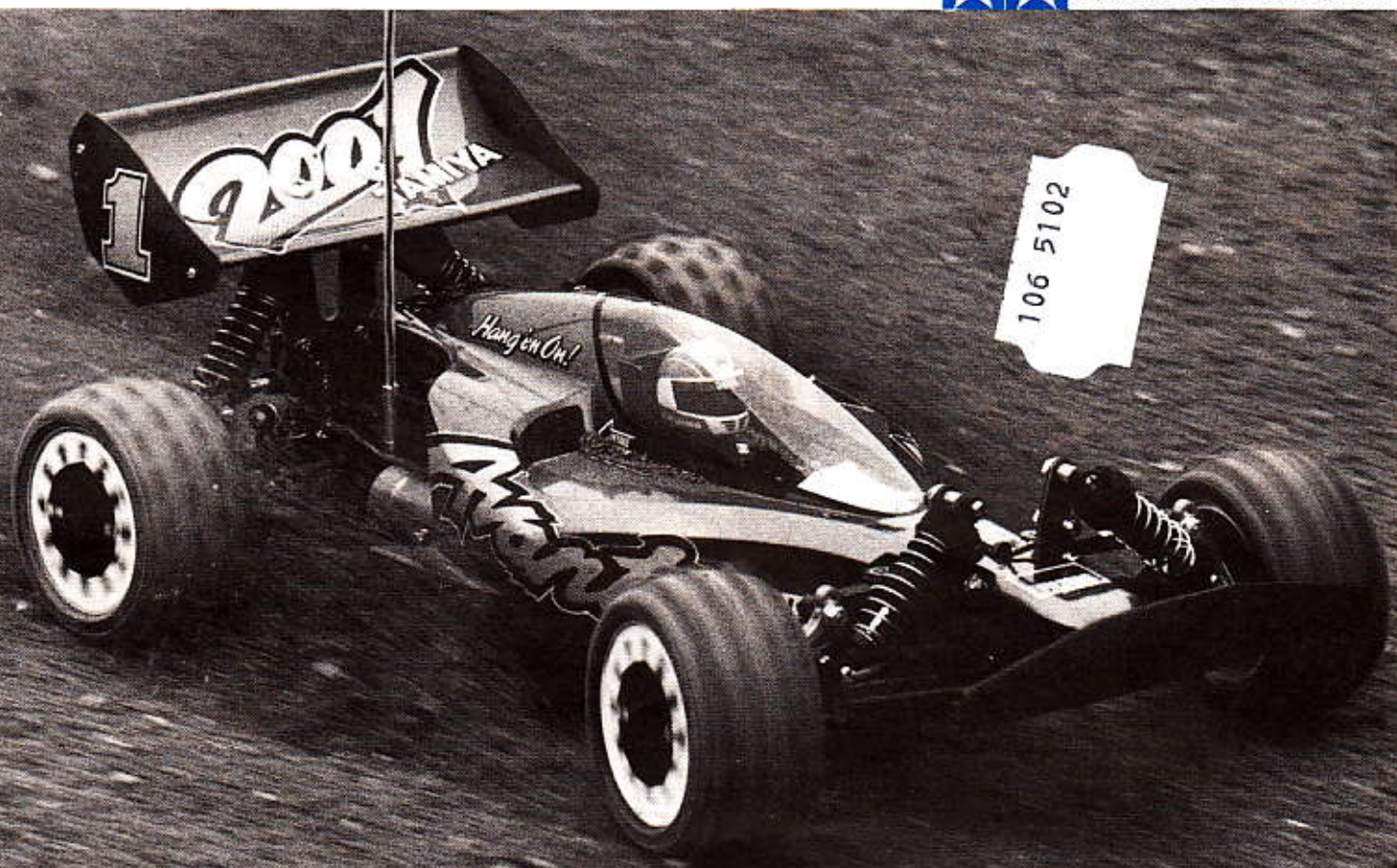
2001



1/10 R/C HIGH PERFORMANCE 4WD OFF ROAD RACER



TAMIYA PLASTIC MODEL CO.
3-7, ONDWARA, SHIZUOKA-CITY, JAPAN.





RADIO CONTROL UNIT

Tamiya Adspec 2 channel R/C unit for 1/10, 1/12 scale R/C models is suggested for this model. The amplifier boosted speed control and receiver are combined in the C.P.R. unit (P100F) allowing easy installation. Other 2 channel R/C units using an electronic speed control can also be used (Model was not designed for a 2 servo installation).

RC-EINHEITEN

Die Tamiya Adspec 2 R/C Einheit ist für 1/10 und 1/12 Funkmodelle geeignet und wird auch für dieses Modell empfohlen. Der Fahrregler mit Nachverstärker und Empfänger sind in der C.P.R. Einheit (P100F) kombiniert und ermöglichen leichten Einbau. Andere 2-Kanal-Einheiten mit elektronischer Geschwindigkeitskontrolle können ebenfalls verwendet werden (Das Modell war nicht für den Einbau von 2 Servos entworfen worden).

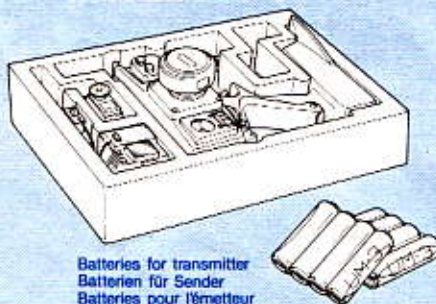
RADIOCOMMANDE

La radiocommande 2 canaux ADSPEC conçue pour les modèles R/C électriques au 1/10^e et au 1/12^e est vivement conseillée pour ce modèle.

Le variateur et le récepteur sont compris dans un même boîtier: l'unité C.P.R.; ce qui permet une installation et un accès plus aisés.

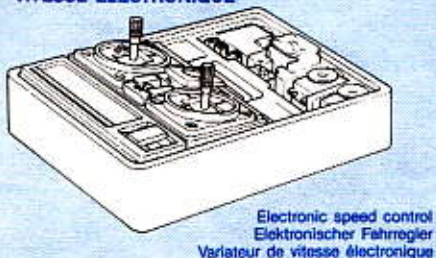
D'autres radiocommandes 2 canaux comprenant un variateur électronique peuvent également être utilisées (Ce modèle n'a pas été conçu pour l'utilisation de 2 servos).

WHEN USING THE ADSPEC R/C SYSTEM BEI VERWENDUNG DES ADSPEC R/C SYSTEMS EN UTILISANT L'ENSEMBLE ADSPEC



Batteries for transmitter
Batterien für Sender
Batteries pour l'émetteur

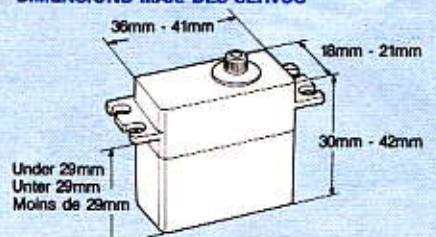
WHEN USING STANDARD 2 CHAN. R/C UNIT PLUS ELECTRONIC SPEED CONTROL BEI VERWENDUNG EINER NORMALEN 2-KANAL RC EINHEIT UND EINES ELEKTRONISCHEN FAHRREGLERS EN UTILISANT UN ENSEMBLE A 2 VOIES STANDARD, PLUS UN VARIATEUR DE VITESSE ELECTRONIQUE



Electronic speed control
Elektronischer Fahrregler
Variateur de vitesse électronique



SUITABLE SERVO SIZE GRÖSSE DER SERVOS DIMENSIONS MAX. DES SERVOS



POWER SOURCE

* This kit is designed to use a Tamiya Ni-Cd 7.2V Racing Pack. Purchase it separately at your hobby supply house. Never dismantle or modify battery or charger. Charge batteries according to manual.

STROMQUELLE

* Für diesen Bausatz benötigt man das Tamiya Ni-Cd 7,2V Racing Pack, das gesondert angeboten wird. Nie einen Akku oder ein Ladegerät umbauen oder ändern. Den Akku der Anweisung nach aufladen.

BATTERIE DE PROPULSION

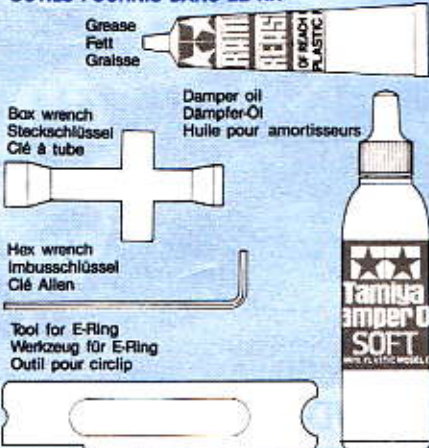
* Le moteur qui équipe ce modèle peut être alimenté par une batterie Tamiya Ni-Cd 7,2 V. Racing. L'acheter séparément. Ne jamais pas démonter ou transformer la batterie ou le chargeur. Charger la batterie selon les indications du manuel.

FOR
MAXIMUM
PERFORMANCE
USE ONLY
TAMIYA NI-CD
BATTERIES.

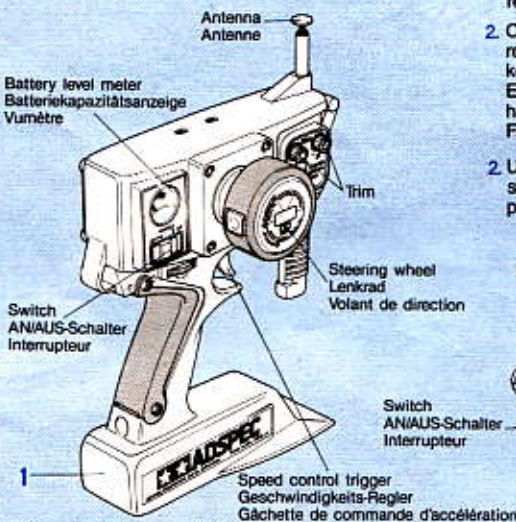


Tamiya Ni-Cd 7.2V
1700mAh Racing Pack EX

INCLUDED WITH KIT WERKZEUG IM KASTEN OUTILS FOURNIS DANS LE KIT



COMPOSITION OF ADSPEC R/C SYSTEM ZUSAMMENSETZUNG DES ADSPEC R/C SYSTEMS COMPOSITION DE L'ENSEMBLE ADSPEC

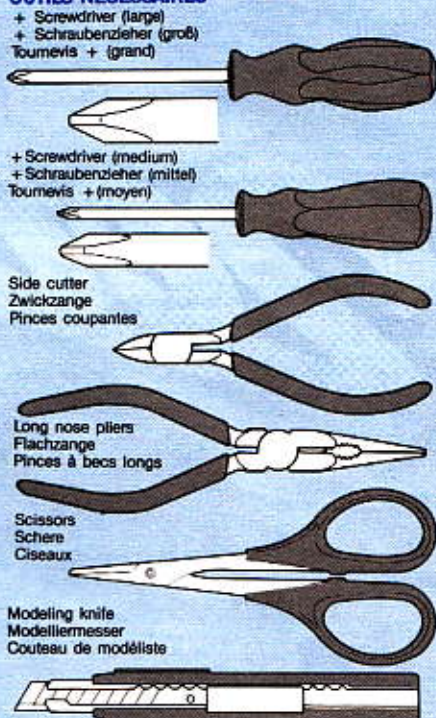


1. Transmitter: Serves as control box. Steering wheel and trigger movements are transformed into radio signals which are transmitted through the antenna.

1. Sender: Dient als Kontroll-Box. Lenkrad- und Hebel-Bewegungen werden in Funk-Signale umgeformt, die durch die Antenne übertragen werden.

1. L'émetteur: Il sert à contrôler le véhicule. Les mouvements du volant et de la gâchette sont transformés en signaux qui sont transmis par l'antenne.

TOOLS REQUIRED BENÖTIGTE WERKZEUGE OUTILS NECESSAIRES



* Tweezers and cellophane tape will also assist in construction. Painting is an important part in finishing your model. Refer to the latter pages of these instructions for painting details.

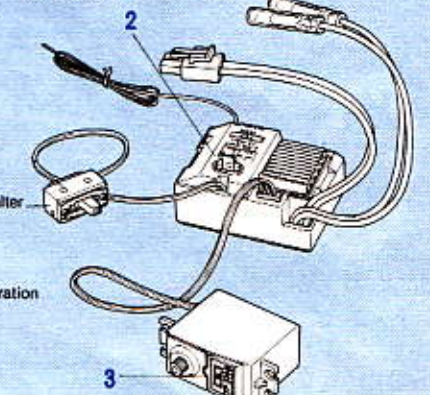
* Pinzette und Tesafilm sind beim Bau sehr hilfreich. Das Lackieren ist ein wichtiger Punkt bei der Fertigstellung des Modells. Detailbemalung siehe nachfolgende Seiten.

* Des précelles et du ruban adhésif seront également utiles durant le montage. La peinture est une opération très importante dans la finition d'un modèle. Se référer aux dernières pages de cette notice de montage pour les détails de peinture.

2. C.P.R. unit: The amplifier boosted speed control is combined with the receiver in this unit and obtains its power from the model's running battery. Some R/C units on the market have separate units for the electronic speed control and receiver.

2. C.P.R.-Einheit: Der mit Verstärker arbeitende Fahrregler ist mit dem Empfänger in dieser Einheit kombiniert und erhält den Strom vom Akku. Einige RC Einheiten, die am Markt erhältlich sind, haben getrennte Einheiten für den elektronischen Fahrregler und Empfänger.

2. Unité C.P.R.: Le variateur de vitesse et le récepteur sont contenus dans cette unité et sont alimentés par l'accu de propulsion.



3. Steering servo: Transforms signals received from the receiver into mechanical movements.

3. Lenker-Servo: Formt die Signale des Empfängers in mechanische Bewegung um.

3. Servo de direction: Il transforme les signaux électriques en mouvements mécaniques.



* There are many small screws, nuts and similar parts. Assemble them carefully referring to the drawings.

* This kit does not require liquid thread lock for assembly.

Apply grease to the places shown by this mark. Apply grease first, then assemble.

* Viele kleine Schrauben und Muttern etc. müssen genau der Anleitung nach eingebaut werden.

* Der Bausatz erfordert keine Schrauben-Sicherungs-Flüssigkeit.

Stellen mit diesem Zeichen erst fetten, dann zusammenbauen.

* Il y a beaucoup de petites vis, d'écrous et de pièces similaires. Les assembler soigneusement en se référant aux dessins.

* Ce modèle ne nécessite pas l'emploi de produit freine-filet pour son montage.

Graisser les endroits indiqués par ce symbole. Graisser d'abord, assembler ensuite.

**1 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

BA

BA1 x 4 3mm Nut
Mutter
Ecrou

BC

BC3 x 7 3 x 8mm Screw
Schraube
Vis

SA

SA5 x 2 Reinforcing plate
Verstärkungsplatte
Plaque de renfort

SC

SC3 x 3 Chassis stay
Chassis-Strebe
Support de châssis

**2 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

BB

BB3 x 1 3 x 10mm Tapping screw
Schraube
Vis

BB4 x 3 3 x 8mm Tapping screw
Schraube
Vis

**3 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

BD

BD6 x 8 2 x 6mm Screw
Schraube
Vis

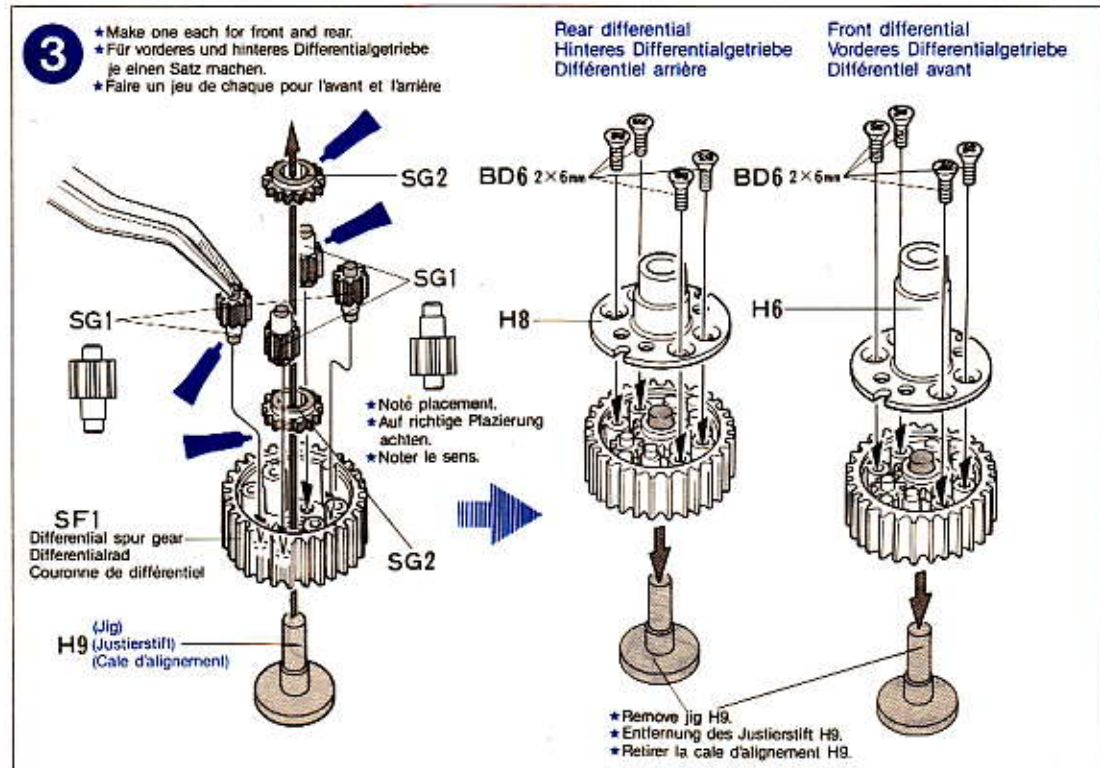
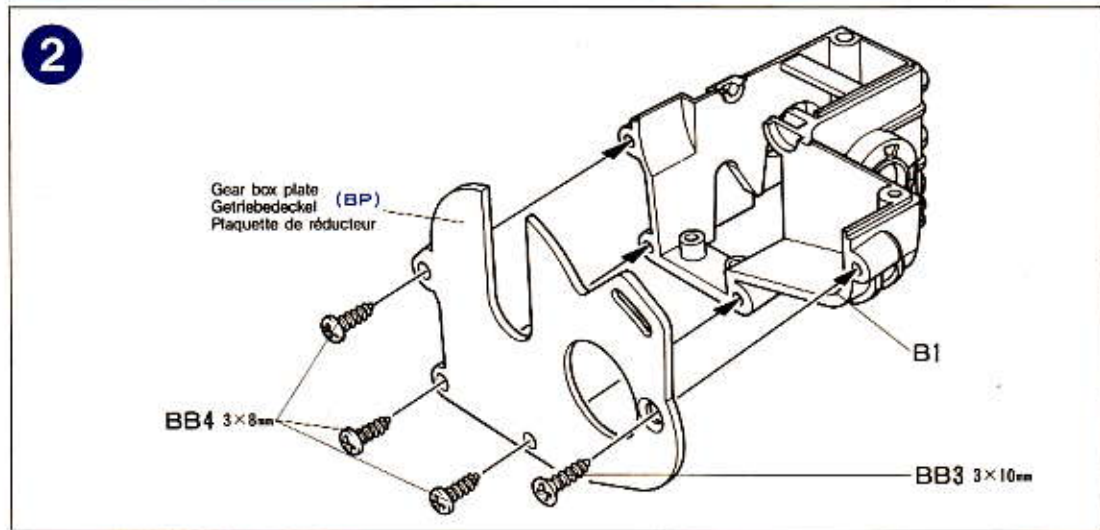
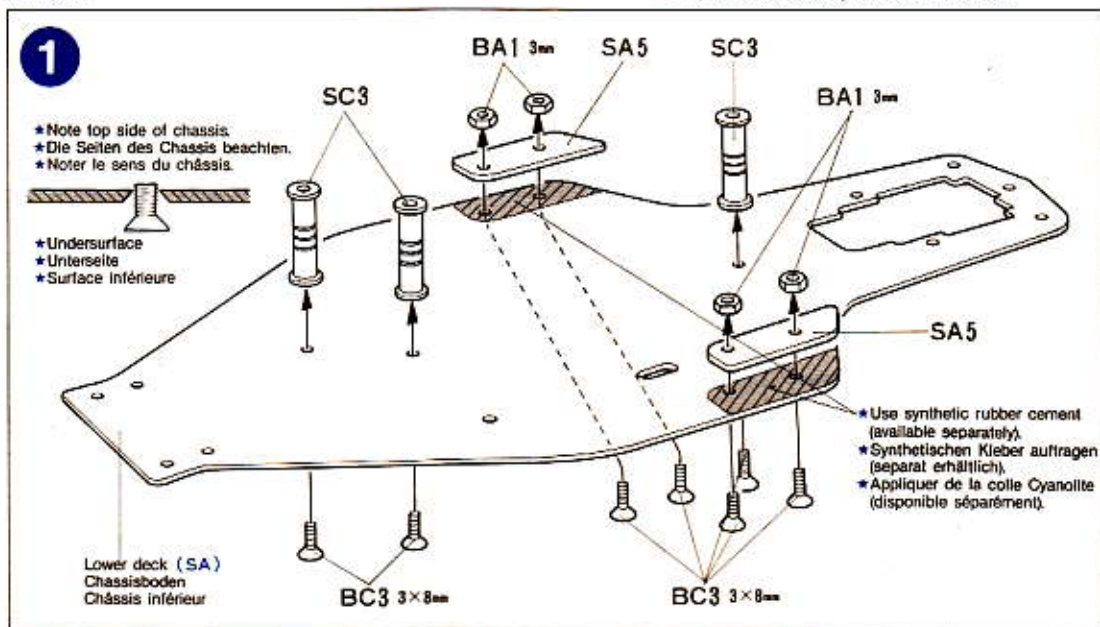
SG

SG1 x 8 8T Gear
8Z Getriebe
Pignon 8 dents



SG2 x 4 14T Gear
14Z Getriebe
Pignon 14 dents


HEX WRENCH
IMBUSSCHLÜSSEL
CLE ALLEN

3 x 3mm Grub screw, 2 x 8mm Cap screw,
3 x 3mm Madenschraube, 2 x 8mm
Zylinderkopfschraube.
Vis pointeau de 3 x 3mm, Vis pointeau
de 2 x 8mm.


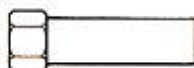


**4 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**




- BB**
 3 x 10mm Tapping screw
 Schraube
 Vis
BB3 x3
- BE**
 **BE1** x2 3mm E-Ring
 Circlip
- BE2** x1 5 x 24mm Shaft
 Achse
 Axe

- SB**
 **SB11** x2
 1680 Ball bearing
 Kugellager
 Roulement à billes
- SB12** x2
 850 Ball bearing
 Kugellager
 Roulement à billes

**5 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

- BC**
 **BC3** x3 3 x 8mm Screw
 Schraube
 Vis
- SC**
 **SC4** x3 Hexagonal spacer
 Sechskantdistanzstück
 Entretoise hexagonale

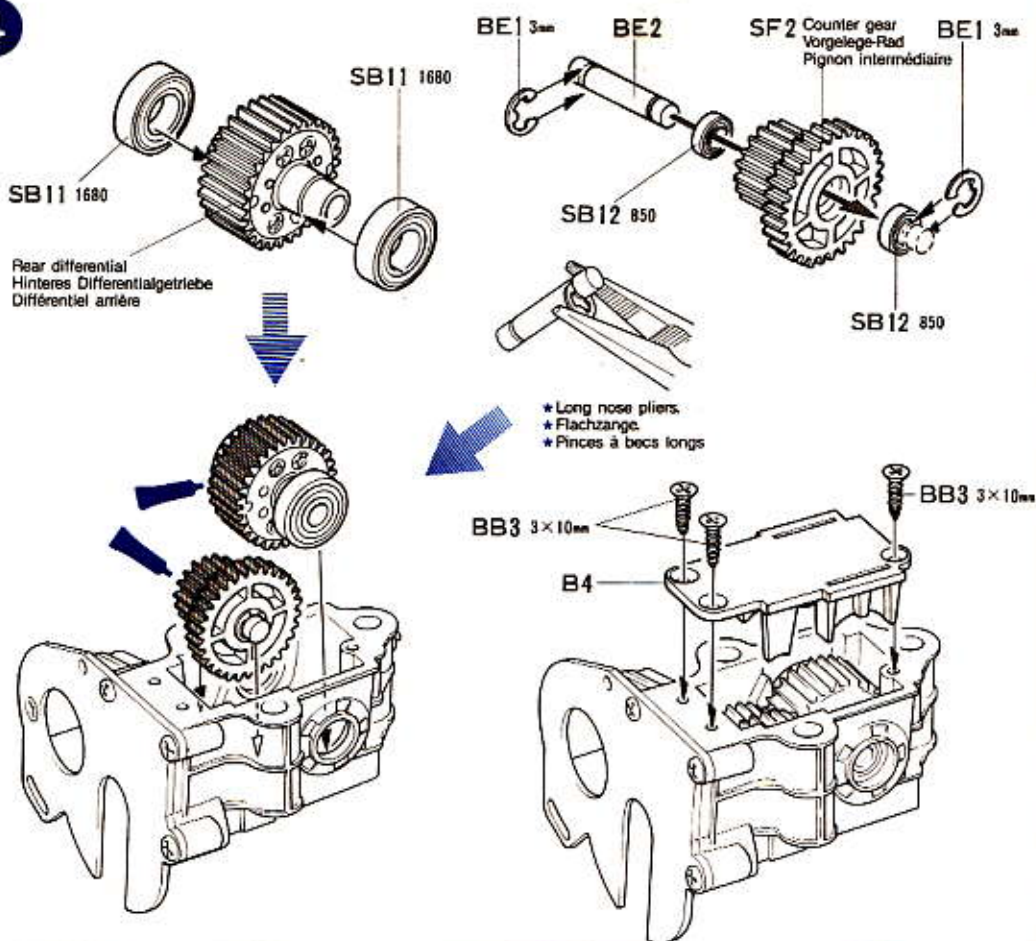
**6 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

- BB**
 3 x 10mm Tapping screw
 Schraube
 Vis
BB3 x1
- BM**
 **BM4** x1 Body mount
 Karosserie-Halter
 Support de carrosserie
- SB**
 **SB12** x1
 850 Ball bearing
 Kugellager
 Roulement à billes
- SB15** x1
 1150 Ball bearing
 Kugellager
 Roulement à billes

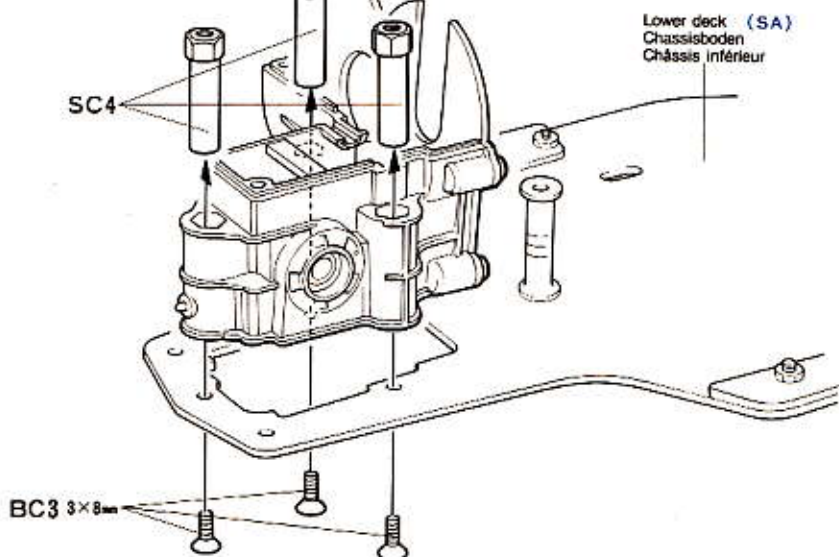
**BOX WRENCH
STECKSCHLÜSSEL
CLE A TUBE**

- 6mm Ball connector, Body mount.
 6mm Kugelkopf, Karosserie-Halter.
 Connecteur à rotule de 6mm, Support de carrosserie.
- 2mm Nut, 4mm Ball connector.
 2mm Mutter, 4mm Kugelkopf.
 Ecrou de 2mm, Connecteur à rotule de 4mm.
- Not used
 Nicht verwenden
 Non utilisé
- 5mm Ball connector, 3mm Nut.
 5mm Kugelkopf, 3mm Mutter.
 Connecteur à rotule de 5mm, Ecrou de 3mm.

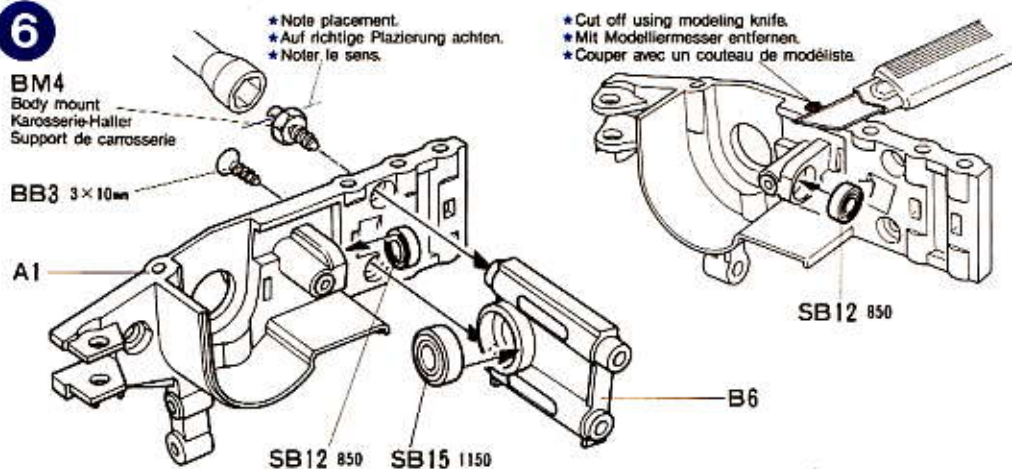
4



5





6



**7 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

BB
 3 x 10mm Tapping screw
 Schraube
 Vis
BB3 x 3

BM
 Body mount
 Karosserie-Halter
 Support de carrosserie
BM4 x 1

SA
 **SA4 x 1** Front propeller joint
 Vorderes Antriebs-Gelenk
 Accouplement d'arbre de transmission avant

**8 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**


BE
 **BE3 x 1** 2 x 36mm Shaft
 Achse
 Axe


SB
 **SB11 x 2** 1680 Ball bearing
 Kugellager
 Roulement à billes

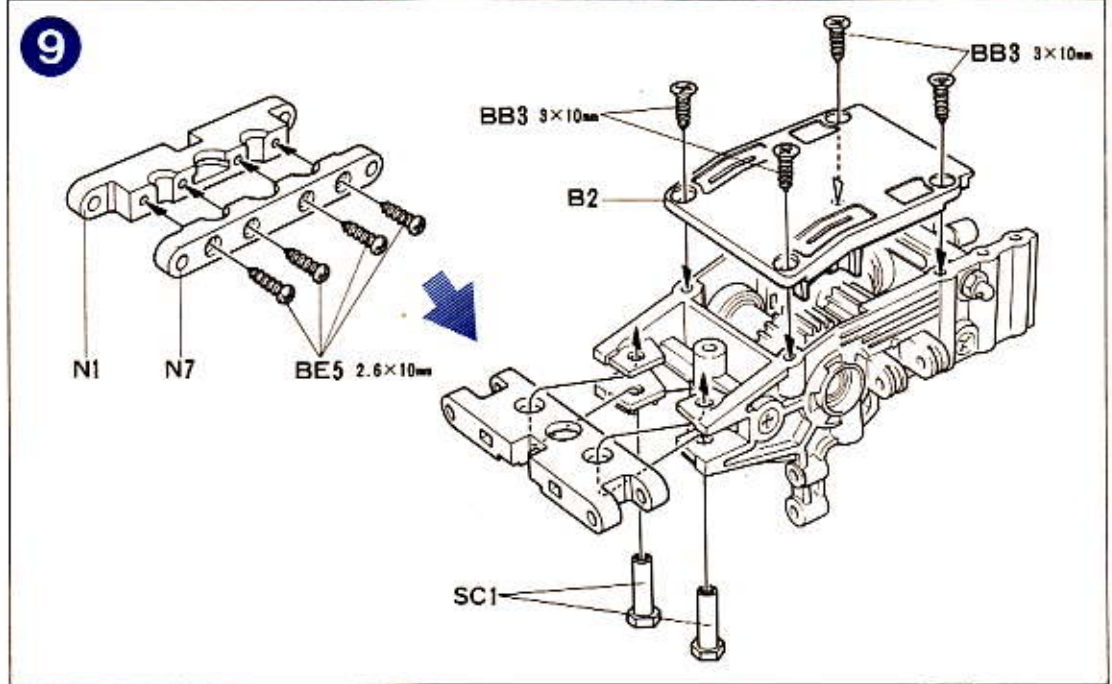
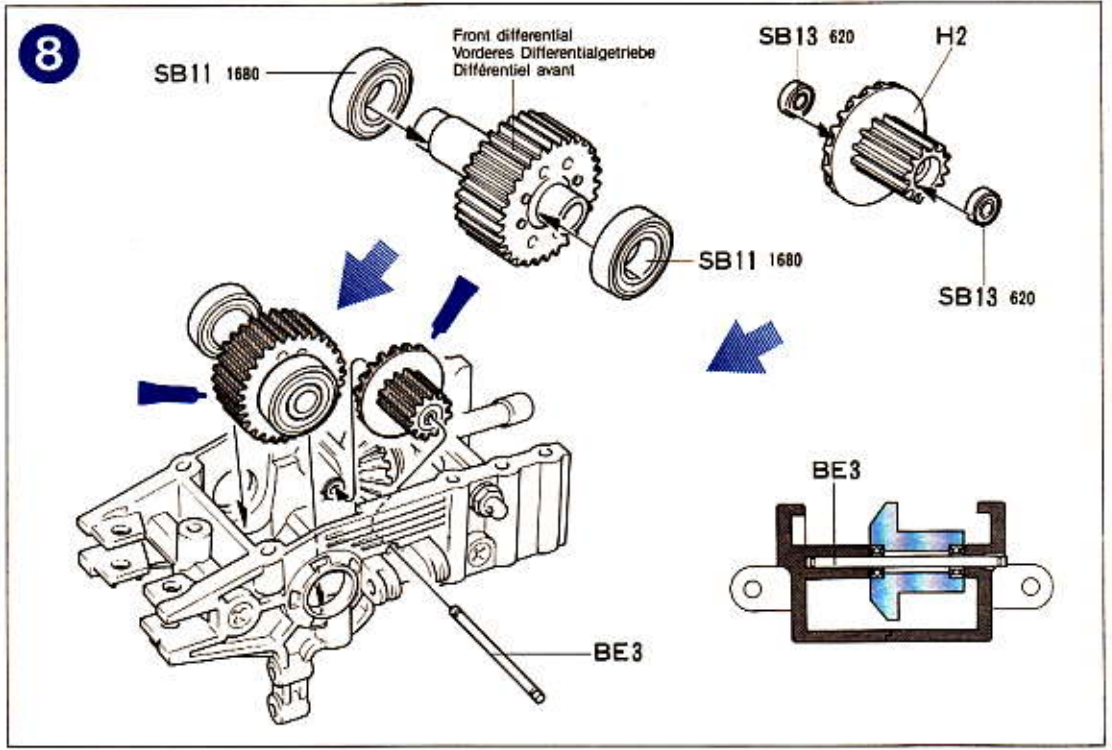
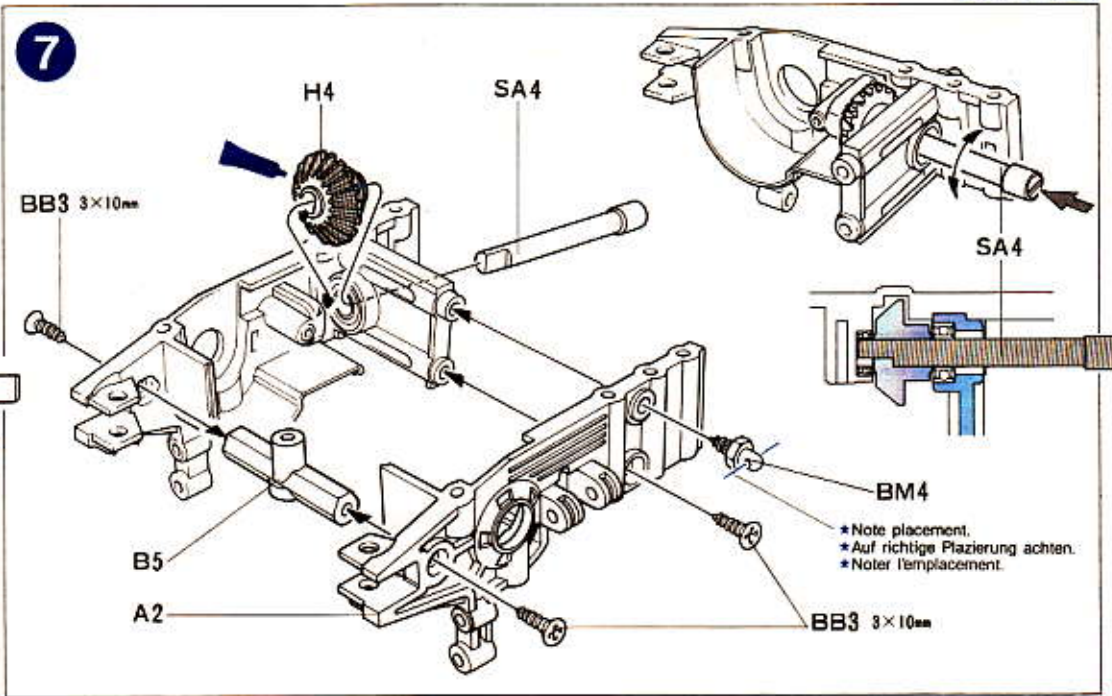
SB13 x 2 620 Ball bearing
 Kugellager
 Roulement à billes

**9 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

BB
 **BB3 x 4** 3 x 10mm Tapping screw
 Schraube
 Vis

BE
 **BE5 x 4** 2.6 x 10mm Tapping screw
 Schraube
 Vis

SC
 **SC1 x 2** Tube nut
 Rohrmutter
 Tube-écrou



HOP-UP OPTIONS

53001 DYNATECH 01R MOTOR




53044 DYNATECH 02H MOTOR




10 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES


BB

 3 x 10mm Tapping screw
Schraube
Vis
BB3 x4


11 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES

BA

 BA2 x2 3mm Flange nut
Kragmutter
Ecrou à flasque

 BA4 x4 3 x 10mm Screw
Schraube
Vis


BD

 BD1 x2 3 x 3mm Grub screw
Madenschraube
Vis pointeau

BM

 BM3 x1 Undercowl mount
Halterung für untere
Verkleidung
Support de protection
inférieure

SC

 SC2 x1 Antenna holder
Antennenhalterung
Support d'antenne

SP

 SP1 x2 Stabilizer ball
Stabilisator-Kugelpfäger
Bouton de barre anti-roulis


BP


 BP7 x1 Left rear stabilizer holder
Hinterer Stabilisator-Halter
links
Support gauche de la barre
anti-roulis arrière

 BP8 x1 Right rear stabilizer holder
Hinterer Stabilisator-Halter
rechts
Support droit de la barre
anti-roulis arrière

12 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES

BB

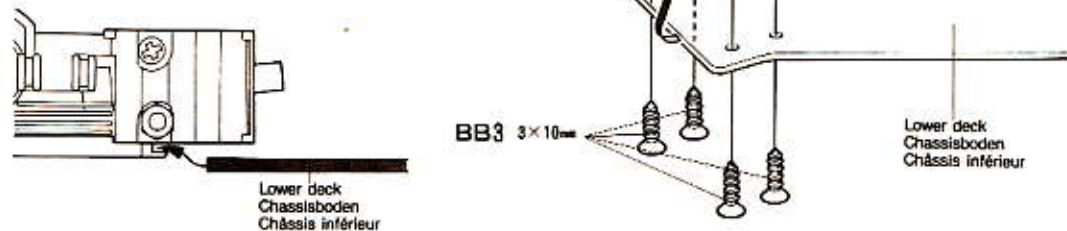
 BB3 x3 3 x 10mm Tapping screw
Schraube
Vis

 BB4 x1 3 x 8mm Tapping screw
Schraube
Vis

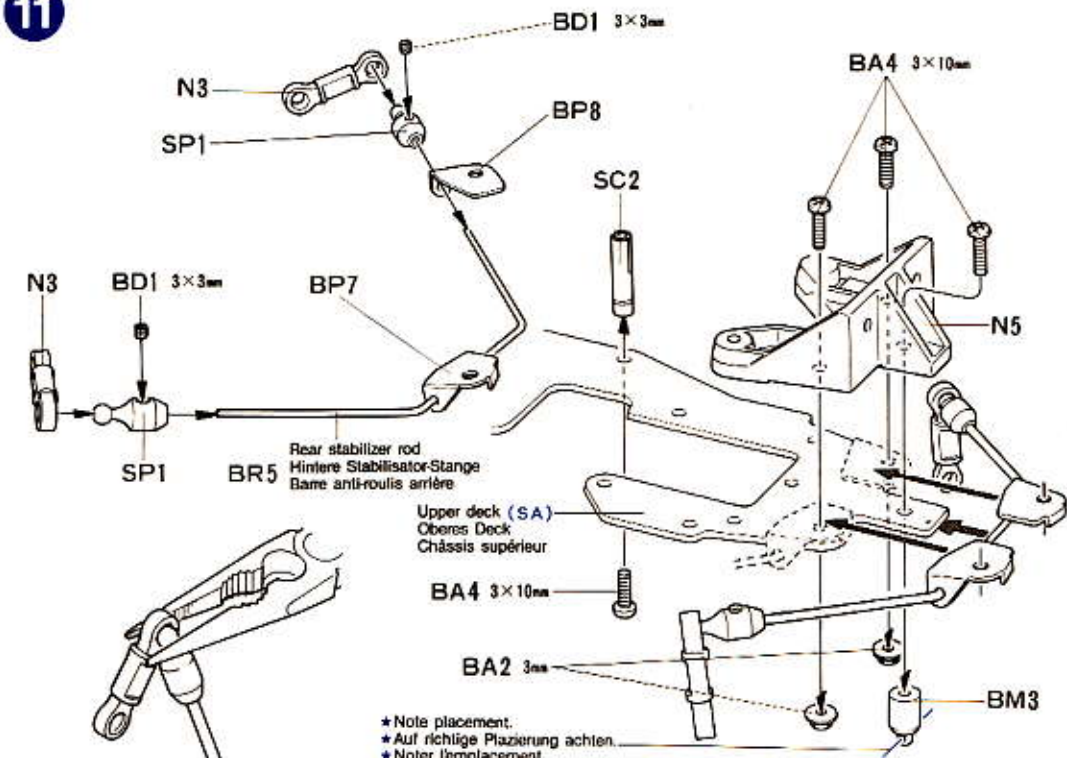
BC

 BC3 x3 3 x 8mm Screw
Schraube
Vis

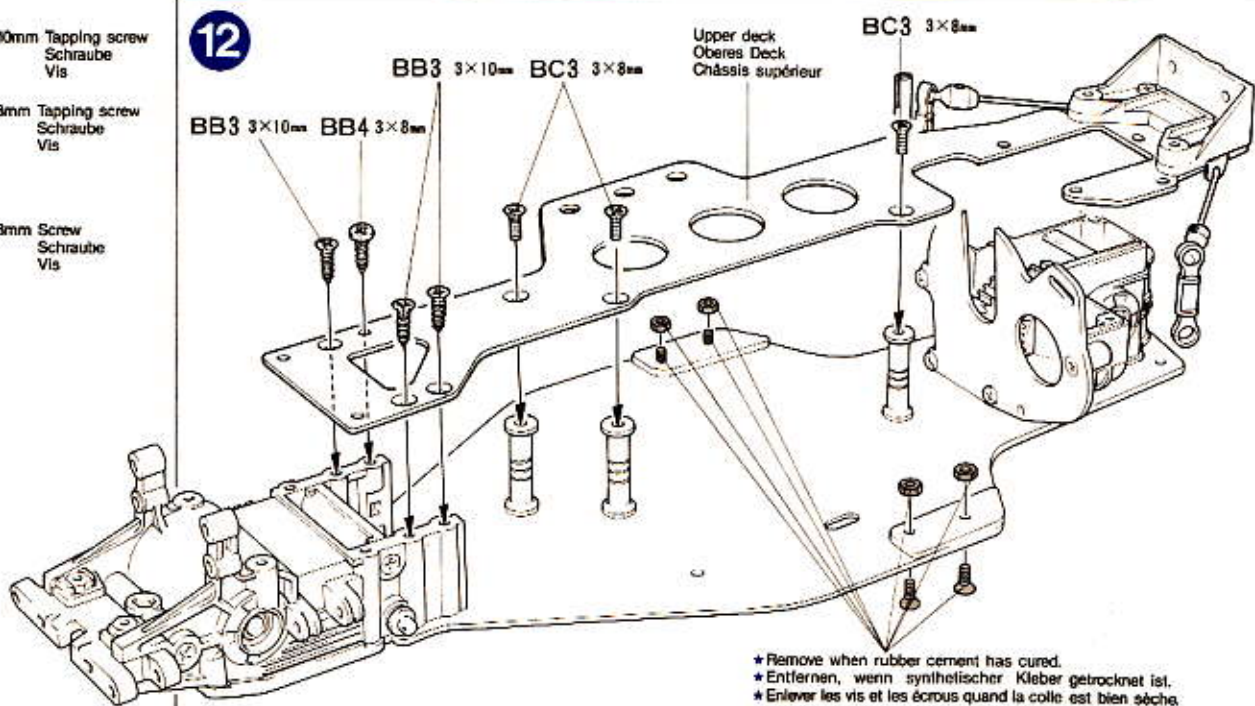
10



11



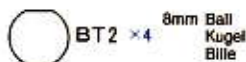
12



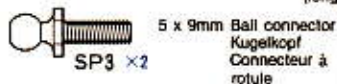
* Remove when rubber cement has cured.
* Entfernen, wenn synthetischer Kleber getrocknet ist.
* Enlever les vis et les écrous quand la colle est bien sèche.

**13 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

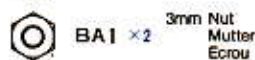
BT



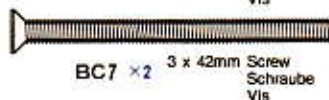
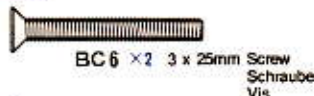
SP


**14 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

BA



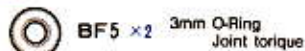
BC



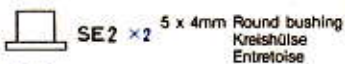
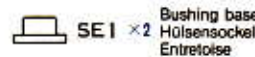
BM



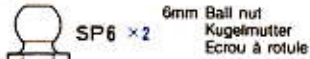
BF



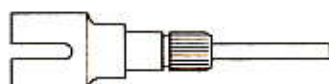
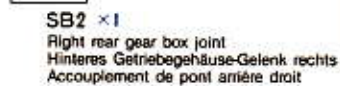
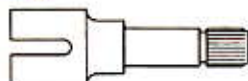
SE



SP

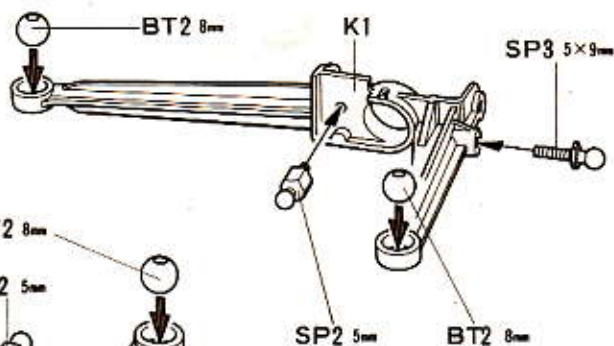
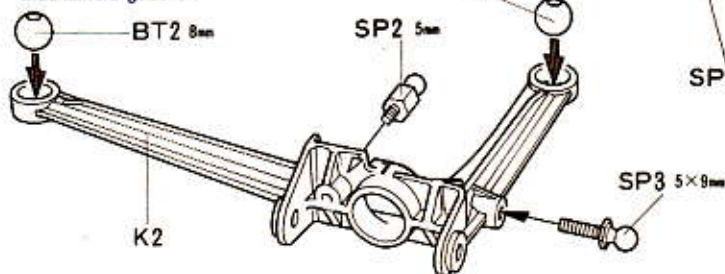
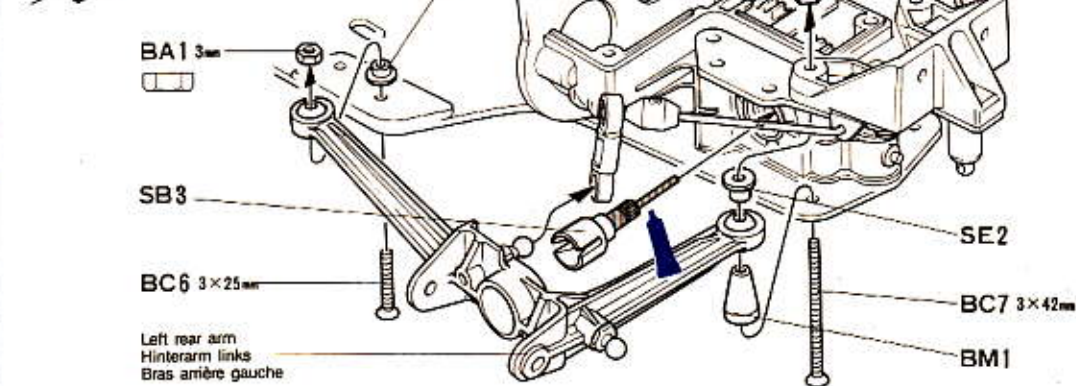
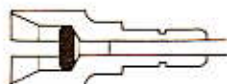
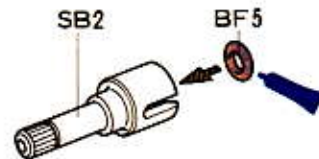
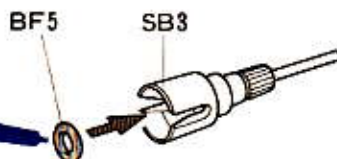


SB

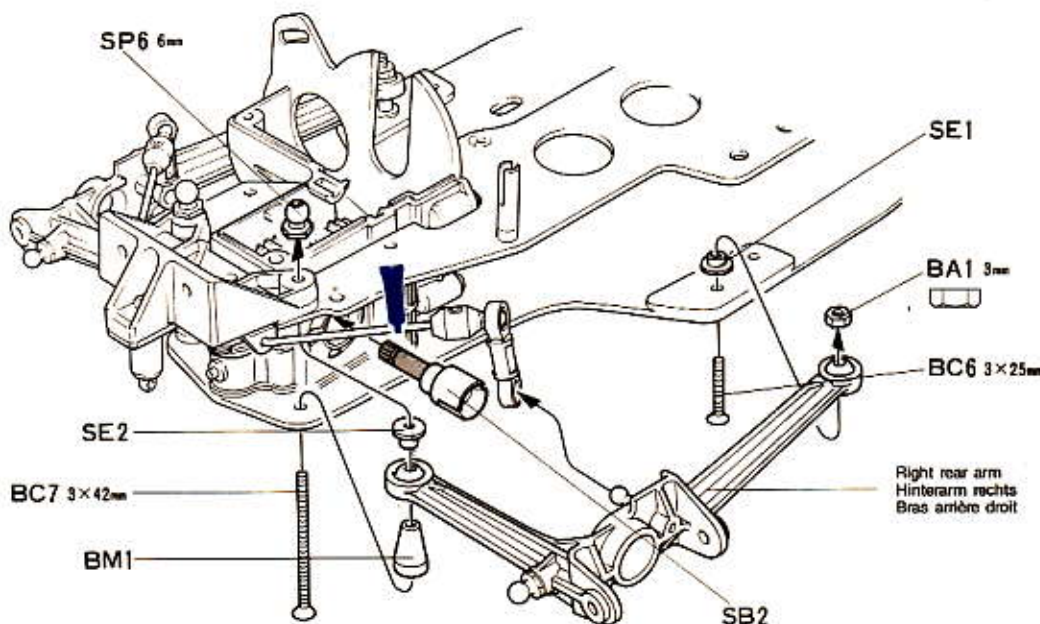

BERNARDINI GREASE

This is a very effective ceramic grease formulated with Boron Nitride and is ideal for lubrication of all gears, bearings and joints on radio control cars. Reduces friction and prolongs life of parts.

13

 Right rear arm
Hinterarm rechts
Bras arrière droit

 Left rear arm
Hinterarm links
Bras arrière gauche

14

 Left rear arm
Hinterarm links
Bras arrière gauche

SP6 6mm


 Right rear arm
Hinterarm rechts
Bras arrière droit

15 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES

BA

BA3 x2 3mm Washer
Beilagscheibe
Rondelle

BA6 x2 3 x 20mm Screw
Schraube
Vis

BD

BD3 x2 4mm E-Ring
Circlip

BF

BF5 x2 3mm O-Ring
Joint torique

SP

SP6 x2 6mm Ball nut
Kugelmutter
Ecrou à rotule

SB

SB7 x2 Wheel axle
Rad-Achse
Axe de roue

SB15 x4 1150 Ball bearing
Kugellager
Roulement à billes

16 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES

BA

BA2 x4 3mm Flange nut
Kragenmutter
Ecrou à flasque

BC

BC1 x4 3 x 10mm Step screw
Paßschraube
Vis décollée

BC4 x2 3 x 12mm Screw
Schraube
Vis

BR

BR8 x2 4 x 30mm Threaded shaft
Gewindestange
Tige filetée

SB

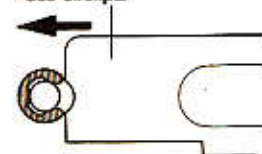
SB1 x2 Drive shaft
Antriebswelle
Arbre d'entraînement

BP

BP1 x2 Rear arm stay
Hinterarm-Strebe
Support-bras arrière

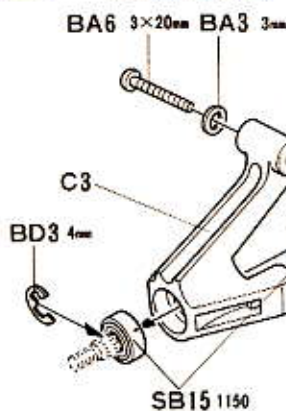
**TOOL FOR E-RING
WERKZEUG FÜR E-RING
OUTIL POUR CIRCLIP**

* Press as shown to remove E-Ring.
* Zur Entfernung des E-Rings wie dargestellt drücken.
* Presser comme indiqué pour retirer des circlips.

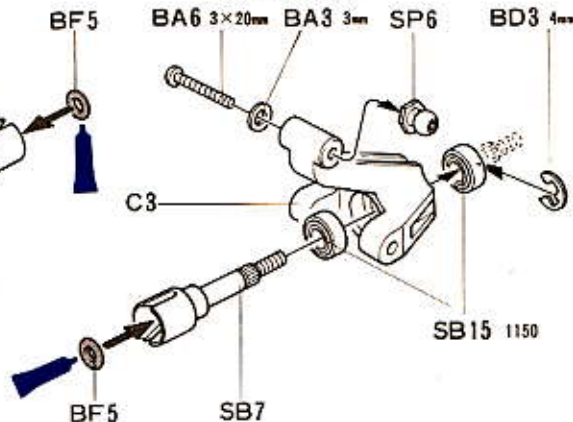


15

Left rear axle
Hinterachse links
Axe arrière gauche

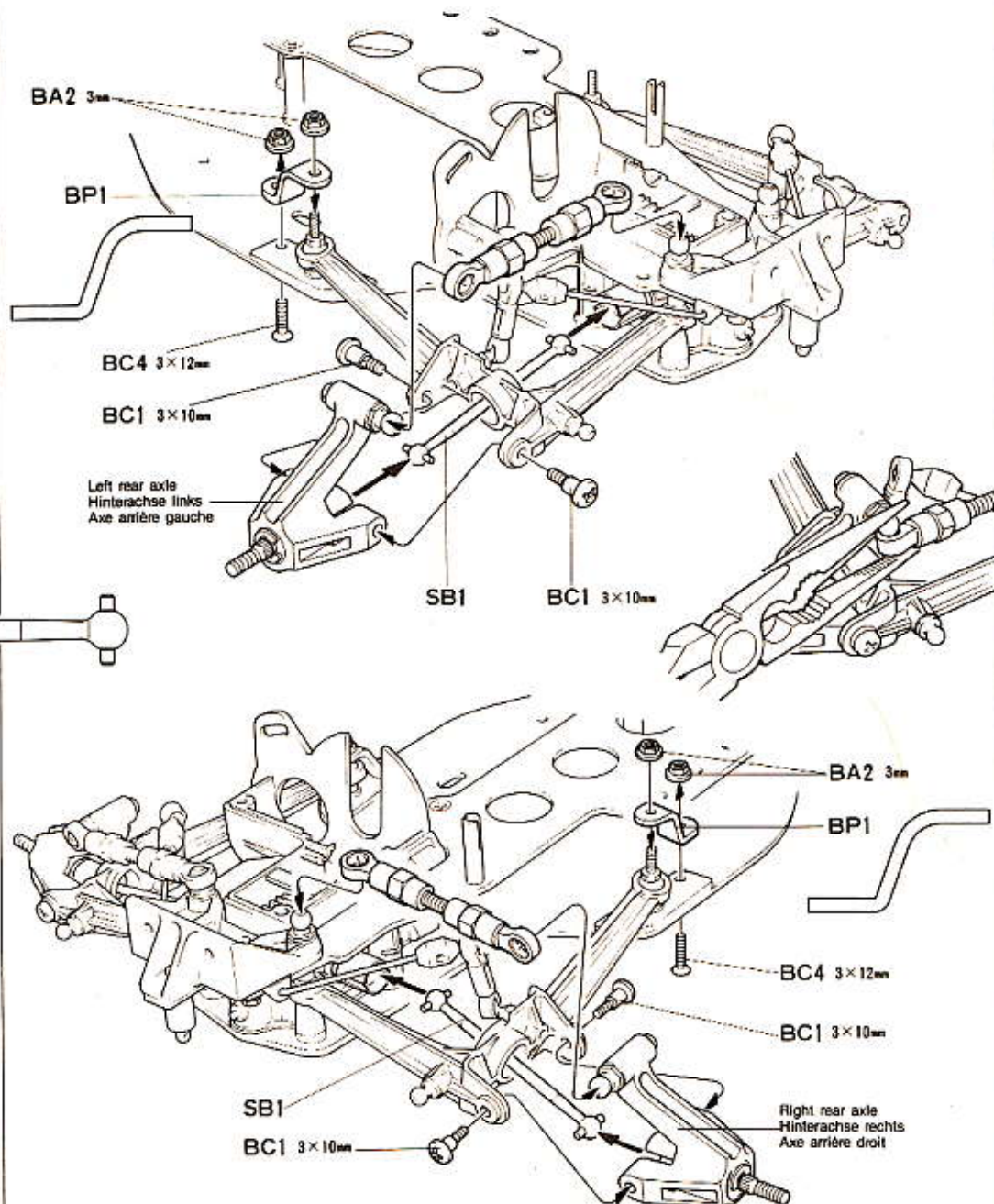
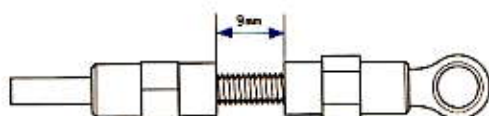
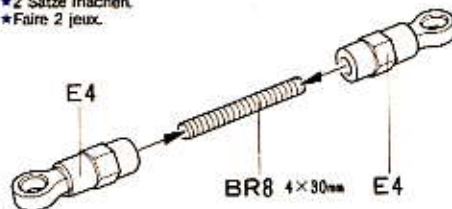


Right rear axle
Hinterachse rechts
Axe arrière droit



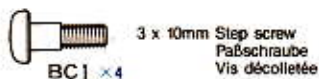
16

* Make 2.
* 2 Sätze machen.
* Faire 2 jeux.



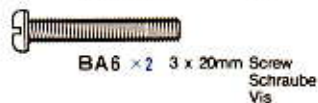
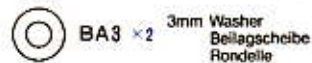
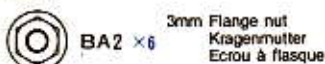
17 PARTS USED VERWENDETE TEILE PIECES UTILISEES

BC

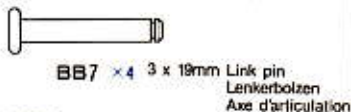
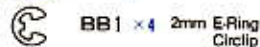


18 PARTS USED VERWENDETE TEILE PIECES UTILISEES

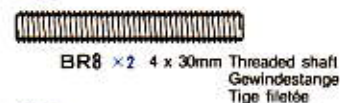
BA



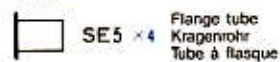
BB



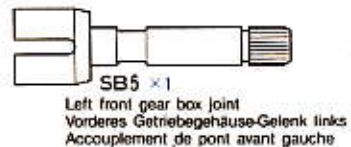
BR



SE



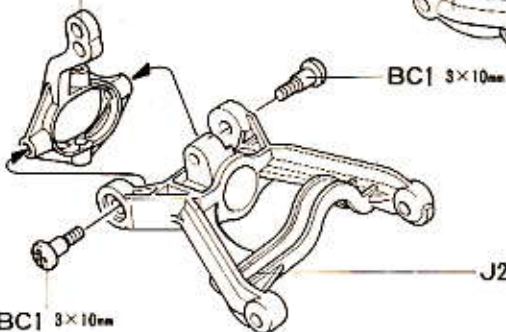
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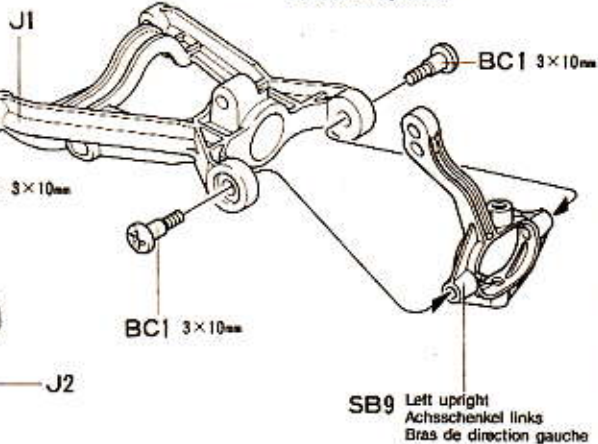
17

Right front arm
Vorderarm rechts
Bras avant droit

Right upright
Achsschenkel rechts
Bras de direction droit

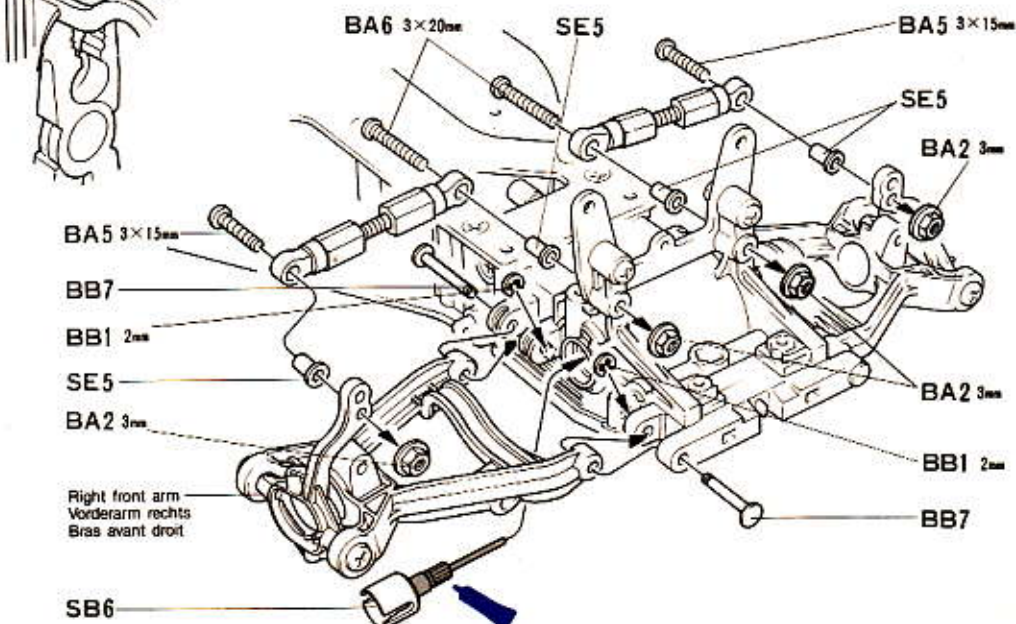
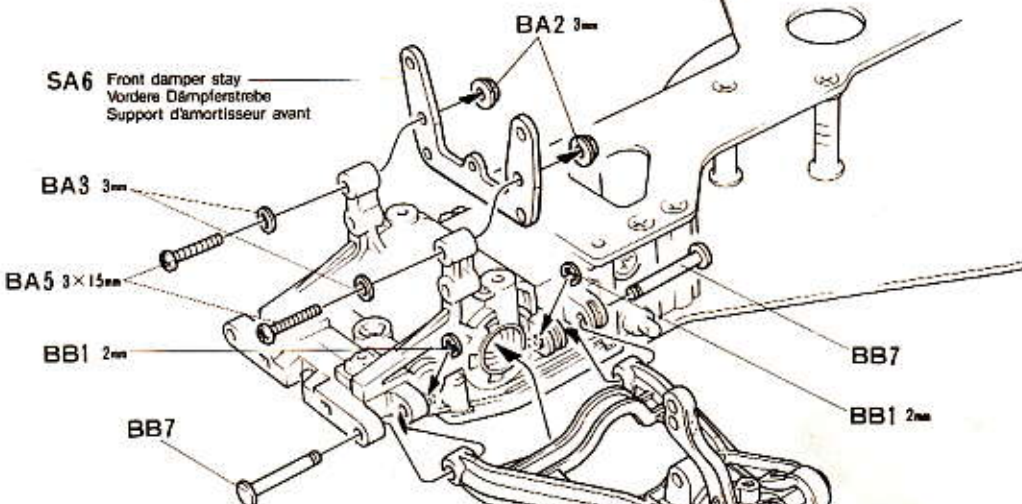
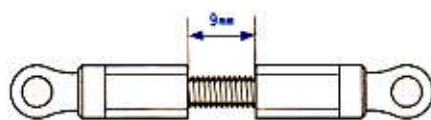
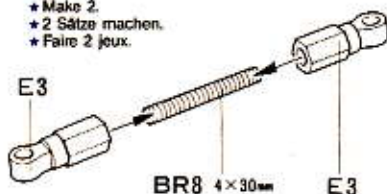


Left front arm
Vorderarm links
Bras avant gauche



18

* Make 2.
* 2 Sätze machen.
* Faire 2 jeux.



TAMIYA MODEL MAGAZINE INTERNATIONAL

A magazine for enthusiasts who make or modify models of all kinds. From the neophyte to the expert, articles of interest about modeling and the full sized vehicle. Coverage of all plastic kit maker's products.

TAMIYA COLOR CATALOGUE


The latest in cars, boats, tanks and ships. Motorized, radio controlled and museum quality models are all shown in full color in Tamiya's latest catalogue. English, German, French and Japanese versions available.

TAMIYA'S RC 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. English, German, French and Japanese versions available.

**19 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

BA

 BA1 x2 3mm Nut
Mutter
Ecrrou

BD

 BD3 x2 4mm E-Ring
Circlip

SP


 SP4 x2 5 x 5mm Ball connector
Kugelkopf
Connecteur à rotule

SB

 SB15 x4
1150 Ball bearing
Kugellager
Roulement à billes


**20 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**


BC


 BC1 x4 3 x 10mm Step screw
Paßschraube
Vis décollée

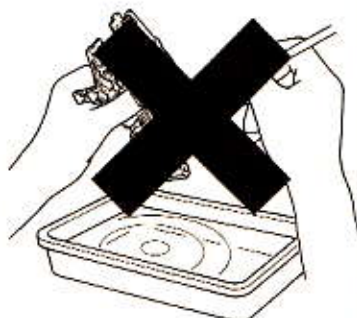
**21 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

BA

 BA2 x2 3mm Flange nut
Kragenmutter
Ecrrou à flasque

 BA3 x2 3mm Washer
Beilagscheibe
Rondelle

 BA4 x2 3 x 10mm Screw
Schraube
Vis



**CAUTION ON THINNER AND LIQUID
THREAD LOCK**

All thinners attack plastic, even plastic model paints and thinners. Never dip parts into thinners or paint, nor wash them with thinners. This kit does not require liquid thread lock for construction.

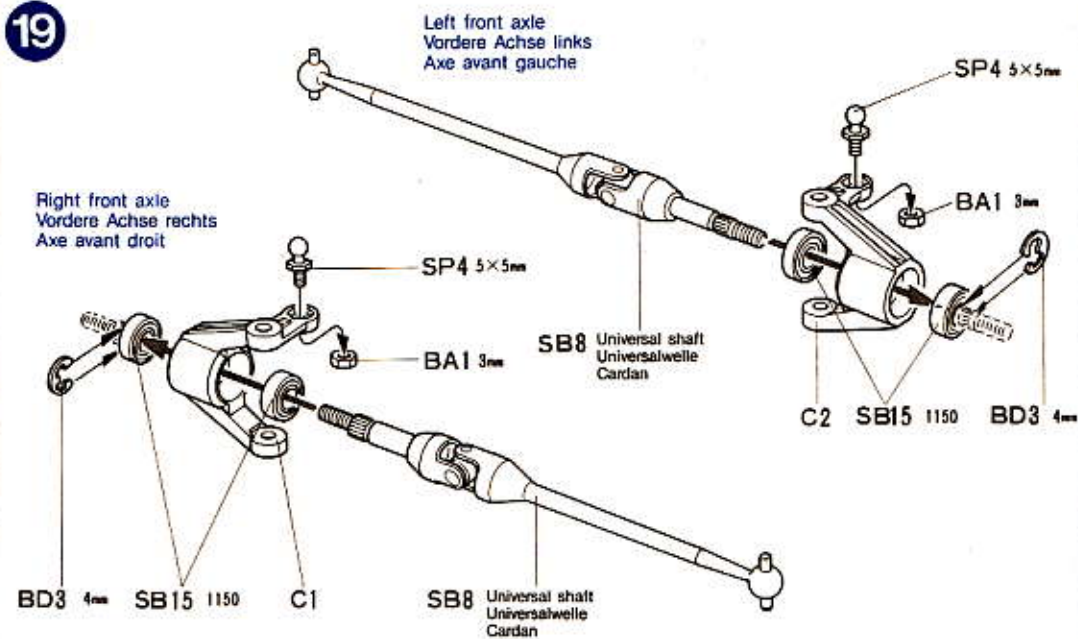
**VORSICHT MIT VERDÜNNERN UND
FLÜSSIGEN
SCHRAUBENSICHERUNGEN**

Alle Verdünner greifen Plastik an, selbst Plastikfarben und deren Verdünner. Niemals Teile in Verdünner oder Farbe tauchen. Der Bausatz erfordert keine Schrauben-Sicherungs-Flüssigkeit.

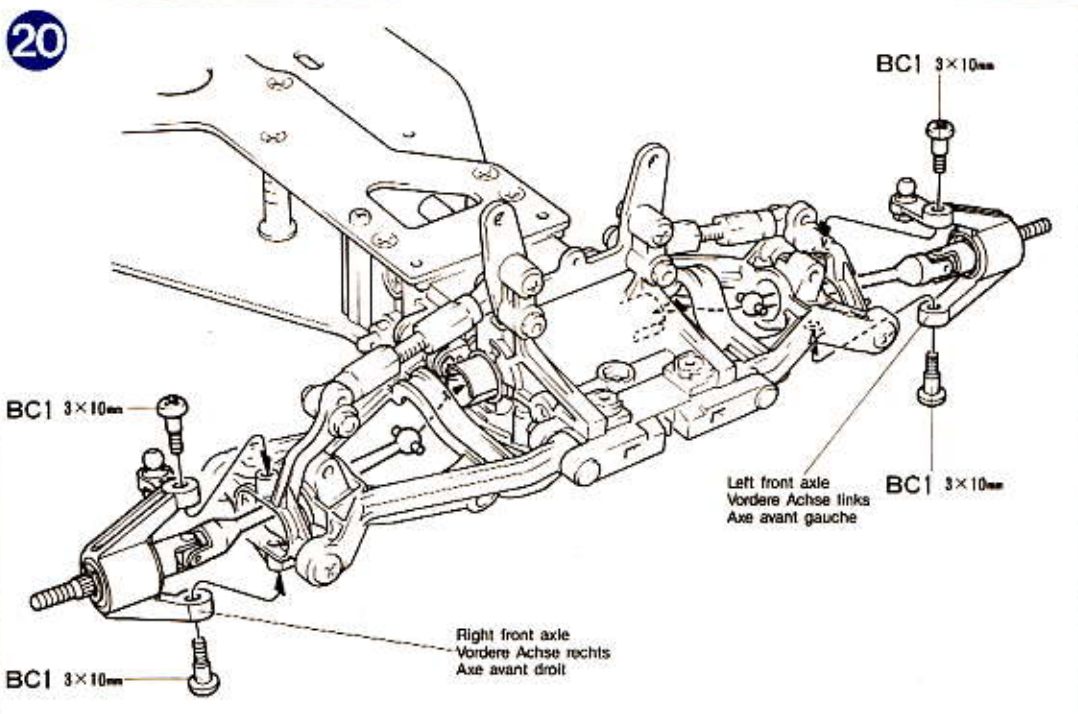
**PRECAUTIONS POUR LES SOLVANTS
ET LES PRODUITS FREINE-FILET**

Tous les solvants attaquent le plastique!.. Même les peintures et les diluants pour maquettes plastique. Ne jamais tremper les pièces dans du diluant ou de la peinture, ne jamais les nettoyer avec du diluant. Ce modèle ne nécessite pas l'emploi de produit freine-filet pour son montage.

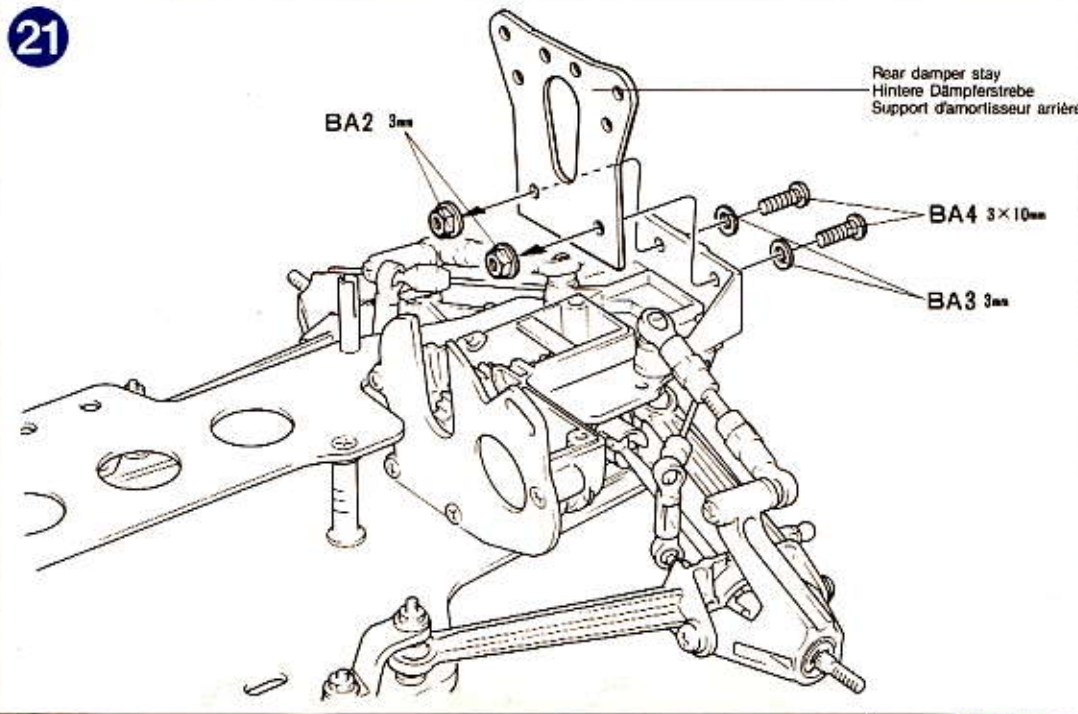
19



20

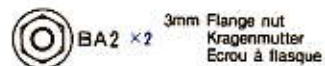


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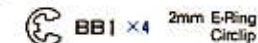


**22 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

BA



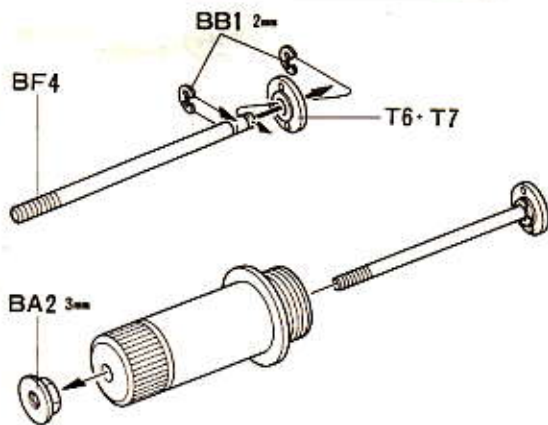
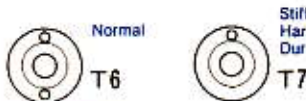
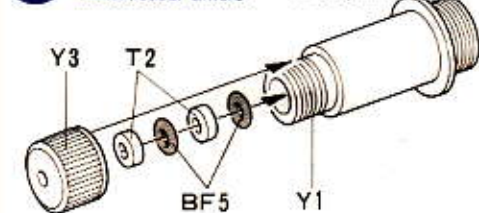
BB



BF



**22 Rear damper
Hinterer Stoßdämpfer
Amortisseur arrière**



**23 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

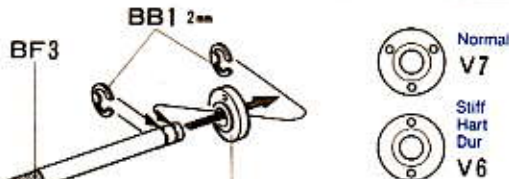
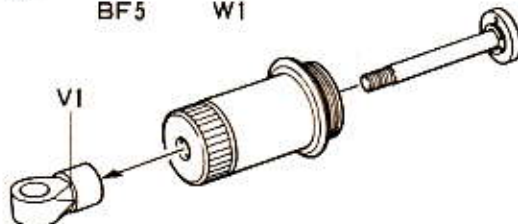
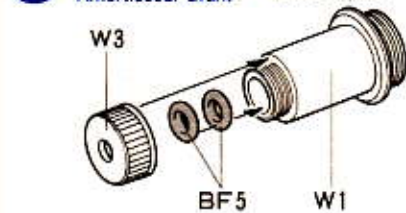
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BF

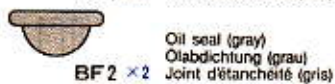
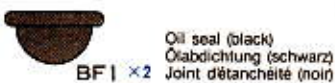


**23 Front damper
Vorderer Stoßdämpfer
Amortisseur avant**



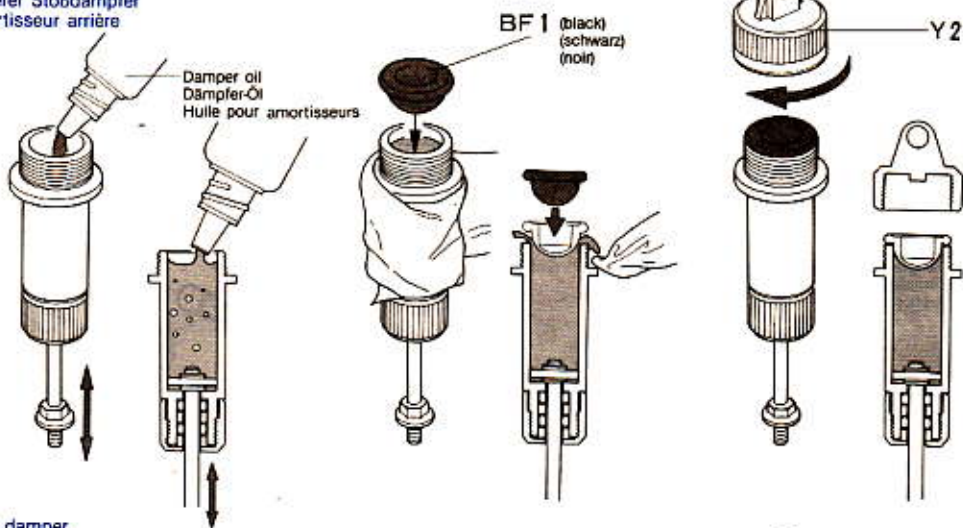
**24 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

BF

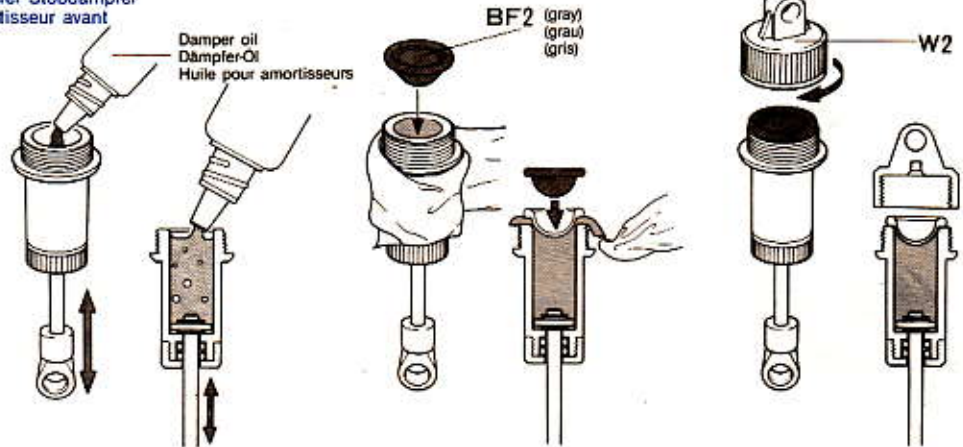


24 1. Pull down piston and pour oil into cylinder. Remove air bubbles by slowly moving piston up and down. 2. Pull down piston, attach oil seal and absorb oil overflow with tissue paper. 3. Tighten up cylinder cap.

**Rear damper
Hinterer Stoßdämpfer
Amortisseur arrière**



**Front damper
Vorderer Stoßdämpfer
Amortisseur avant**



DÄMPFER-ÖL (Siehe Bild rechts.)

1. Kolben nach unten ziehen und Öl einfüllen. Luftblasen durch Auf- und Abbewegen des Kolbens herausdrücken.
2. Kolben nach unten ziehen. Ölabdichtung einstecken, überlaufendes Öl mit Papiertaschentuch abwischen.
3. Zylinder-Kappe aufschrauben.

HUILE POUR AMORTISSEURS (voir à droite.)

1. Pousser le piston vers le bas et remplir le corps d'huile. Chasser les bulles d'air en déplaçant le piston de bas en haut.
2. Pousser le piston vers le bas, placer le joint d'étanchéité et essuyer l'excédent d'huile avec du papier essuie-tout.
3. Serrer le capuchon de fermeture.

Tamiya Silicone Damper Oil



SOFT SET (53025)	RED	# 200
	ORANGE	# 300
MEDIUM SET (53026)	YELLOW	# 400
	GREEN	# 500
HARD SET (53027)	BLUE	# 600
	PURPLE	# 700

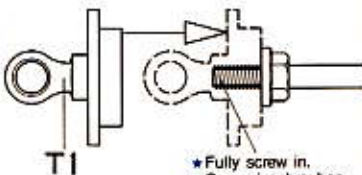
**25 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

SA



SA8 x2 Rear coil spring
Hintere Feder
Ressort hélicoïdal arrière

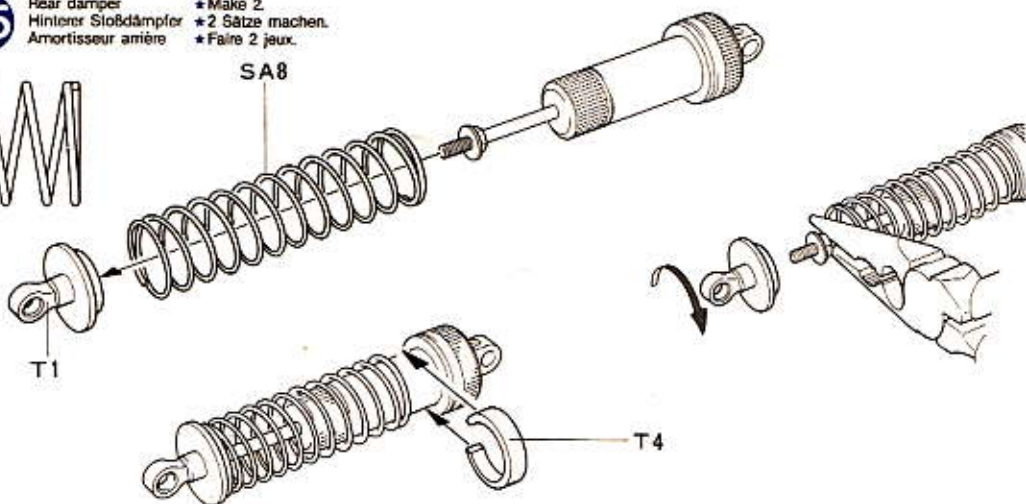
Attaching T1
Einbau von T1
Installation de T1



★ Fully screw in.
★ Ganz einschrauben.
★ Visser à fond.

25 Rear damper
Hintere Stoßdämpfer
Amortisseur arrière

★ Make 2.
★ 2 Sätze machen.
★ Faire 2 jeux.



**26 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

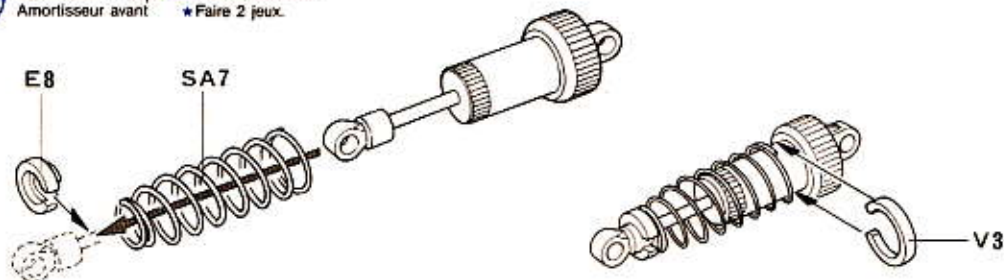
SA



SA7 x2 Front coil spring
Vordere Feder
Ressort hélicoïdal avant

26 Front damper
Vorderer Stoßdämpfer
Amortisseur avant

★ Make 2.
★ 2 Sätze machen.
★ Faire 2 jeux.



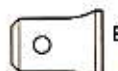
**27 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

BA



BA6 x2 3 x 20mm Screw
Schraube
Vis

BM



BM2 Wing mount
Spoilerhalterung
Support d'aile

SE



SE7 x2
Damper mount (long)
Dämpferlager (lang)
Support d'amortisseur (long)

★ A SELECTION OF TAMIYA
CONSTRUCTION R/C KITS
58080 ASTUTE



58081 NISSAN® KING CAB®

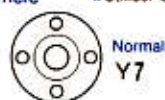


HOP-UP OPTIONS

53036 Hi-Cap Damper (Mini) 53026 Silicone Damper Oil Medium Set (#400 / #500)
53037 Hi-Cap Damper (Short)

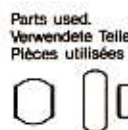
Rear
Hinten
Arrière

★ Use 53037.
★ 53037 verwenden.
★ Utiliser 53037.



Normal
Y7

Oil
Öl
Huile
#400



Damper length
Länge der Stoßdämpfer : 92mm
Longueur de l'amortisseur



Front
Vorne
Avant

★ Use 53036.
★ 53036 verwenden.
★ Utiliser 53036.



Normal
X6

Oil
Öl
Huile
#400



Damper length
Länge der Stoßdämpfer : 64mm
Longueur de l'amortisseur

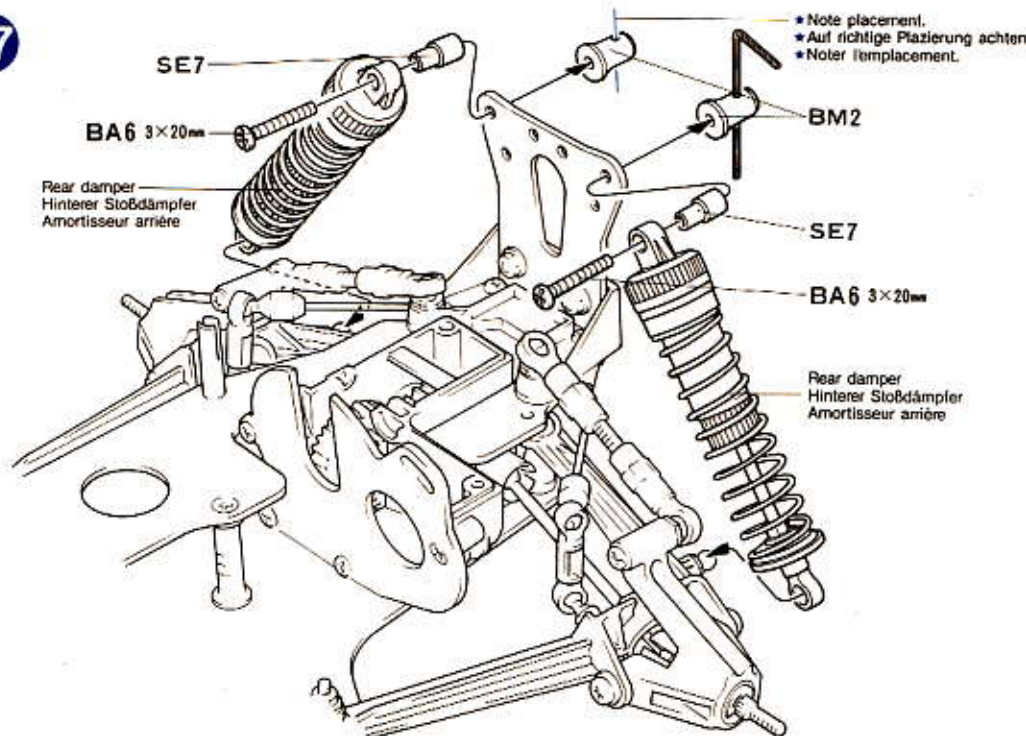


27

SE7

BA6 3x20mm

Rear damper
Hintere Stoßdämpfer
Amortisseur arrière



★ Note placement.
★ Auf richtige Platzierung achten.
★ Noter l'emplacement.

BM2

SE7

BA6 3x20mm

Rear damper
Hintere Stoßdämpfer
Amortisseur arrière

**28 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

BA

BA1 x2 3mm Nut
Mutter
Ecrou

BA2 x2 3mm Flange nut
Kragenmutter
Ecrou à flasque

BA6 x4 3 x 20mm Screw
Schraube
Vis

SE

SE6 Damper mount (short)
Dämpferlager (kurz)
Support d'amortisseur (court)

SE7 Damper mount (long)
Dämpferlager (lang)
Support d'amortisseur (long)

**29 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

BA

BA1 x1 3mm Nut
Mutter
Ecrou

BB 3 x 8mm Tapping screw
Schraube
Vis

BC 3 x 8mm Screw
Schraube
Vis

BC5 x1 3 x 18mm Screw
Schraube
Vis

BP

BP5 x1
Left front stabilizer holder
Vorderer Stabilisator-Halter links
Support gauche de la barre anti-roulis avant

BP6 x1
Right front stabilizer holder
Vorderer Stabilisator-Halter rechts
Support droit de la barre anti-roulis avant

**30 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

BC 3 x 6mm Screw
Schraube
Vis

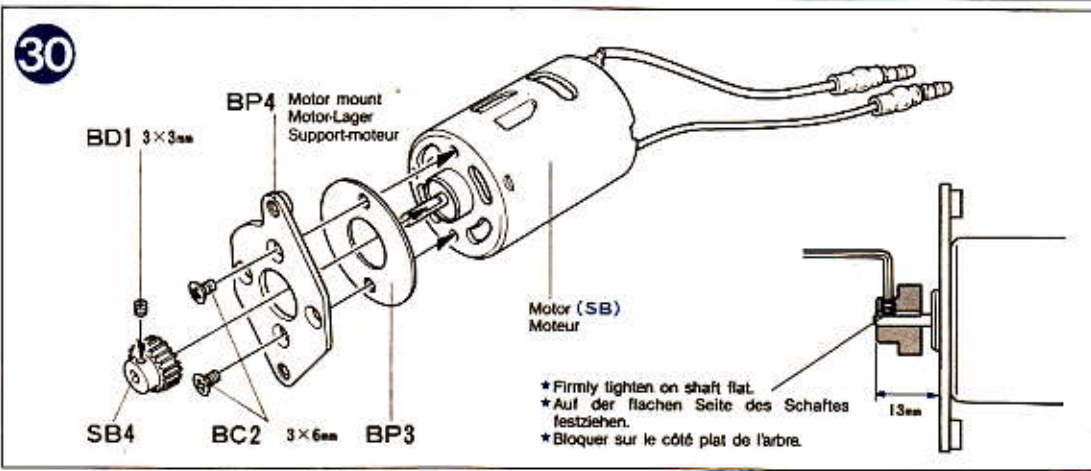
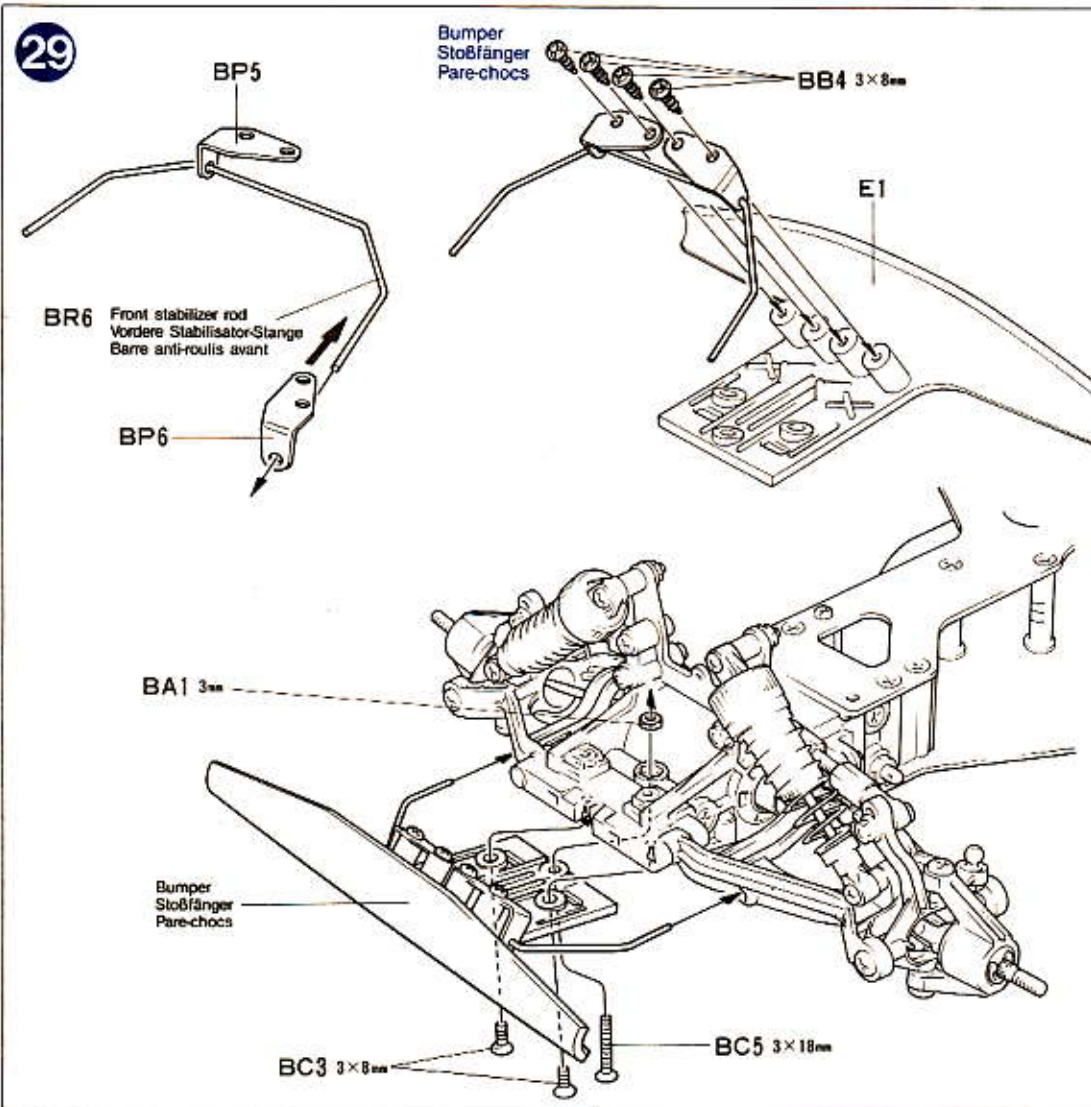
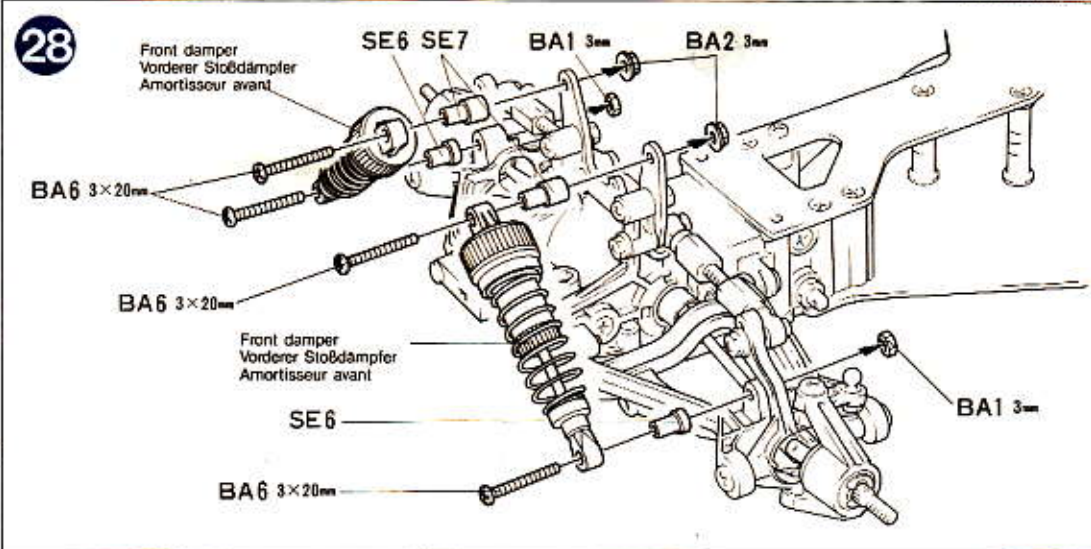
BD 3 x 3mm Grub screw
Madenschraube
Vis pointeau

SB

SB4 x1
20T Pinion gear
20Z Motoritzel
Pignon moteur 20 dents

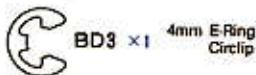
BP

BP3 x1 Motor plate
Motor-Platte
Plaque-moteur



31 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES

BD



SA



Rear propeller joint
Hinteres Antriebs-Gelenk
Accouplement d'arbre de transmission arrière

SB

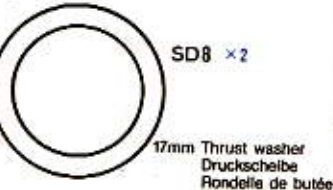
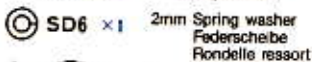
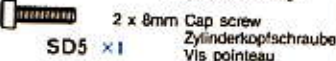
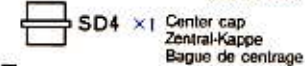
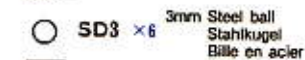
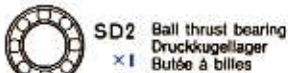


32 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES

SA

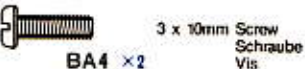
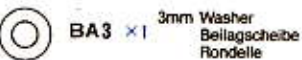


SD

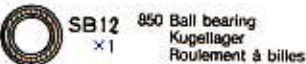


33 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES

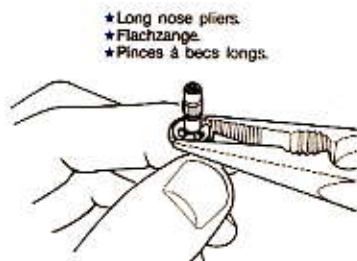
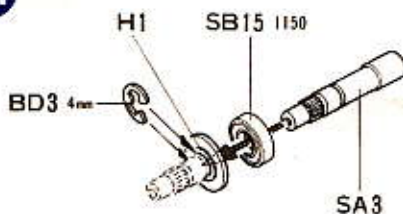
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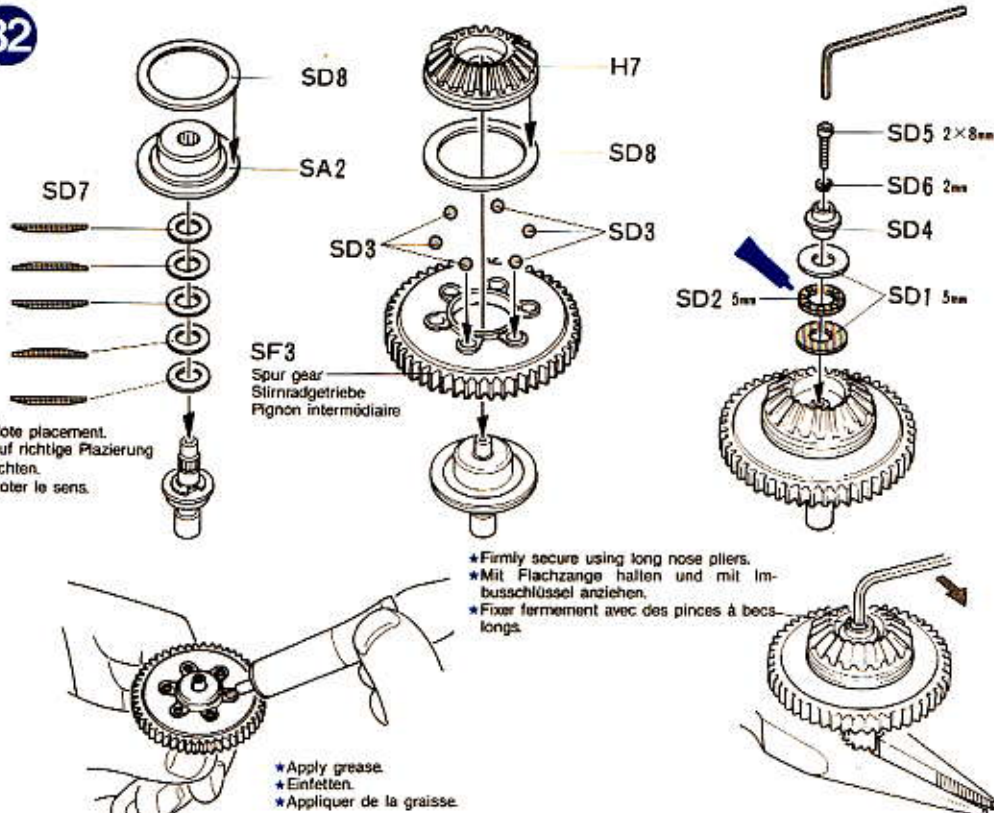
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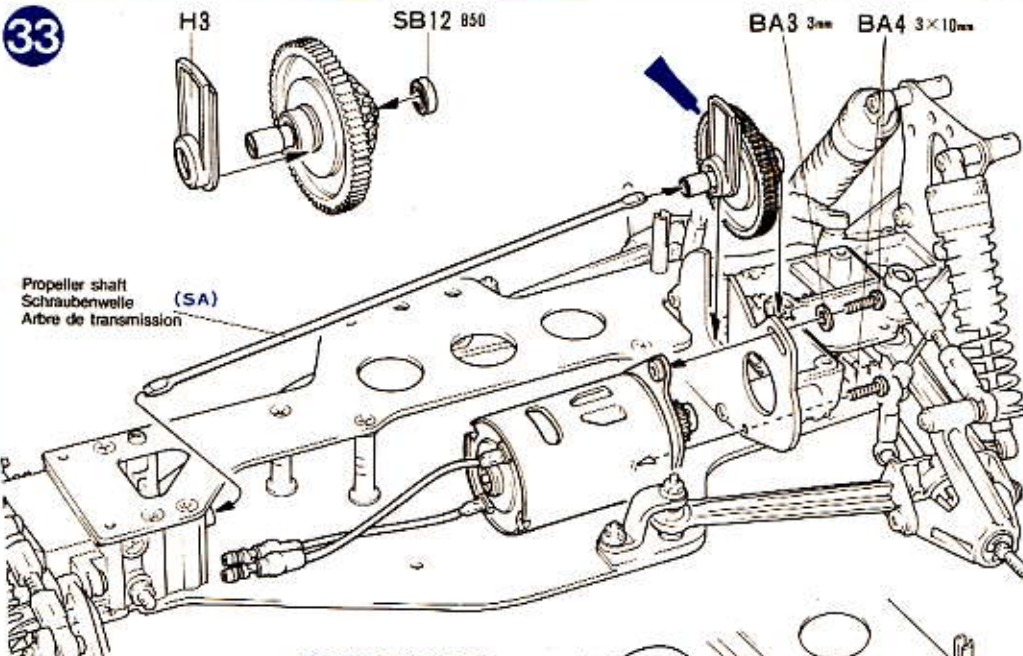
31



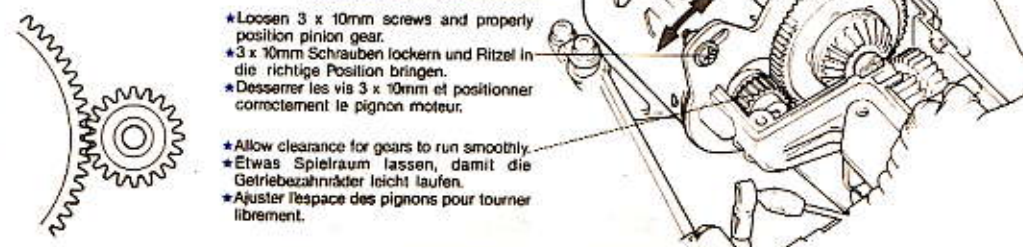
32








33

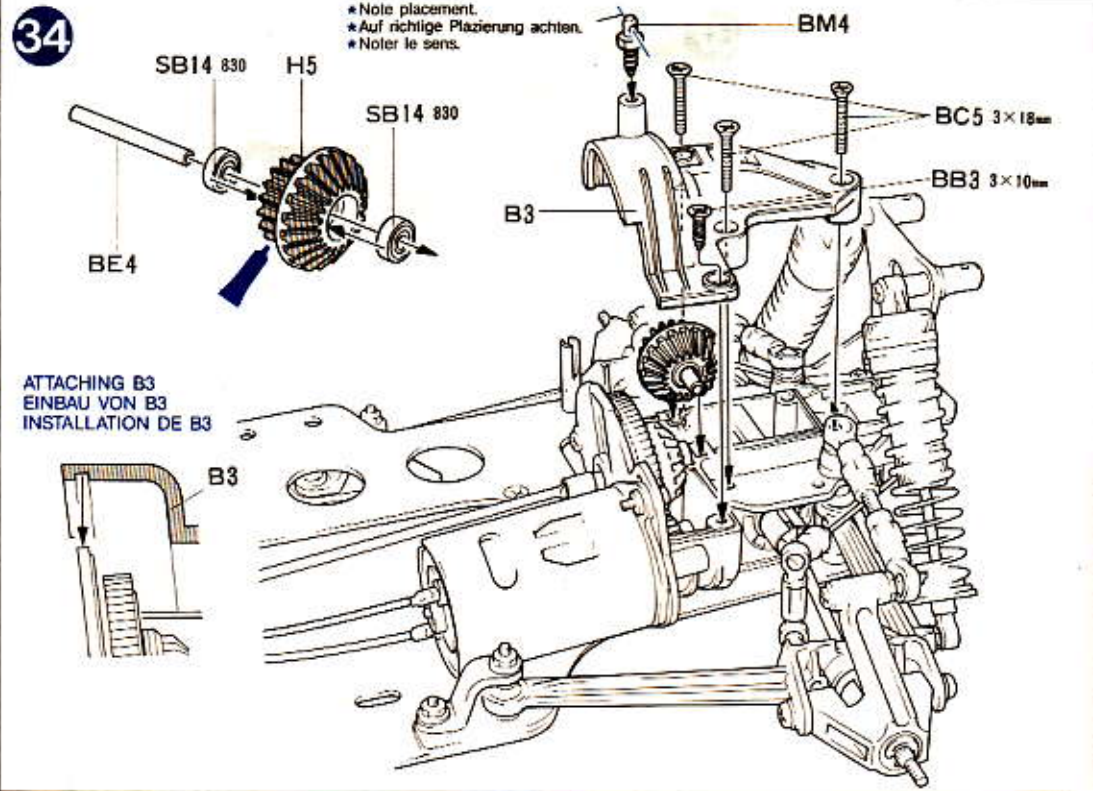


**GEAR ADJUSTMENT
GETRIEBE-EINSTELLUNG
AJUSTEMENT DU PIGNON**











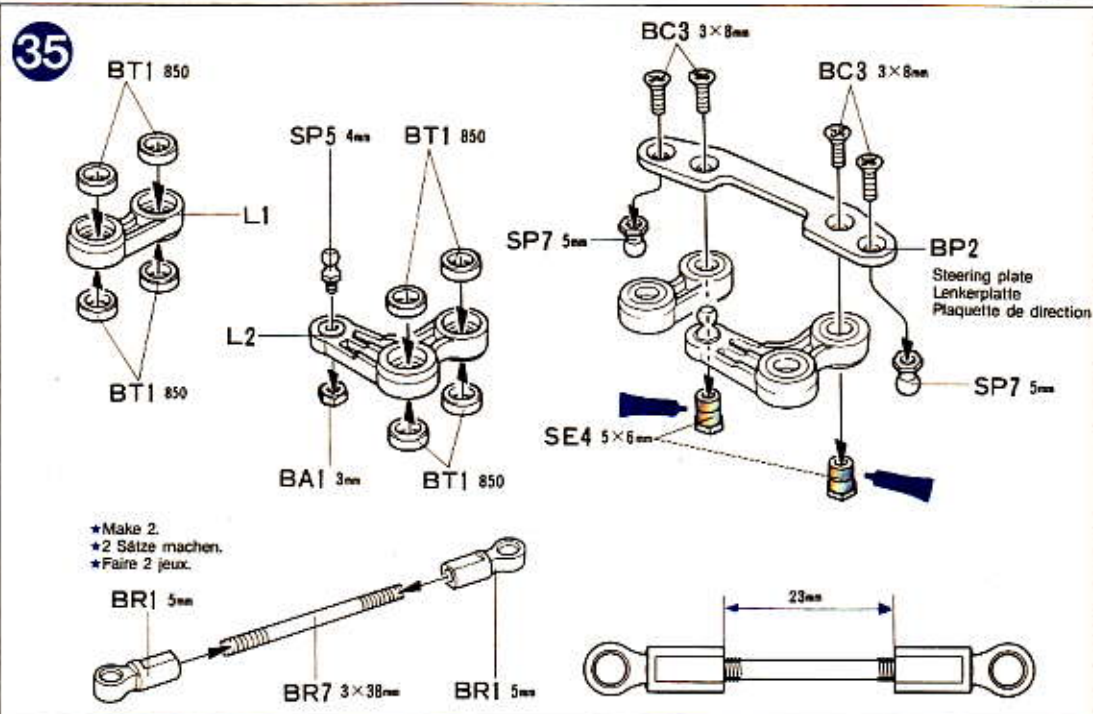
34 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES

- BB**
 **BB3** 3 x 10mm Tapping screw
 Schraube
 Vis
 x1
- BC**
 **BC5** 3 x 18mm Screw
 Schraube
 Vis
 x3
- BE**
 **BE4** x1 3 x 22mm Tube
 Rohr
- BM**
 **BM4** x1 Body mount
 Karosserie-Halter
 Support de carrosserie
- SB**
 **SB14** 830 Ball bearing
 Kugellager
 Roulement à billes
 x2





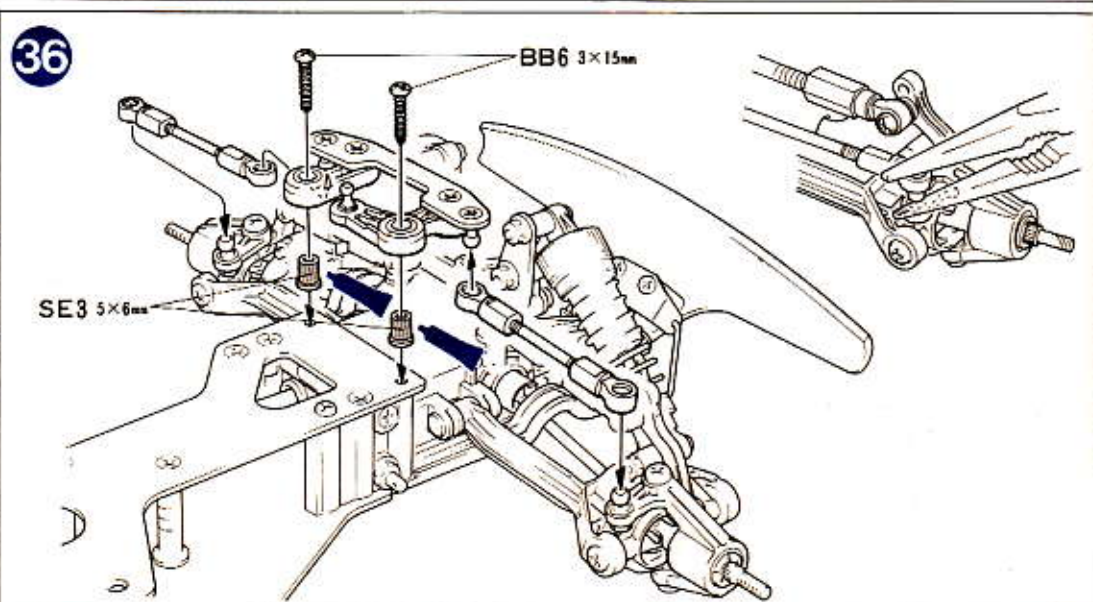
35 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES

- BA**
 **BA1** x1 3mm Nut
 Mutter
 Ecrou
- BC**
 **BC3** 3 x 6mm Screw
 Schraube
 Vis
 x4
- BR**
 **BR1** x4 5mm Adjuster
 Einstellstück
 Chape à rotule
- BR7**
 **BR7** x2 3 x 38mm Threaded shaft
 Gewindestange
 Tige filetée
- BT**
 **BT1** x8 850 Metal bearing
 Metall-Lager
 Palier en métal
- SE**
 **SE4** x2 5 x 6mm Hexagonal bushing
 Sechskant-hülse
 Entretoise hexagonale
- SP**
 **SP5** 4mm Ball connector
 Kugelkopf
 Connecteur à rotule
 x1
- SP7**
 **SP7** 5mm Ball nut
 Kugelmutter
 Ecrou à rotule
 x2





36 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES

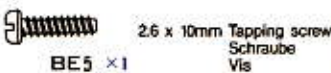
- BB**
 **BB6** x2 3 x 15mm Tapping screw
 Schraube
 Vis
- SE**
 **SE3** x2 5 x 6mm Round bushing
 Kreishülse
 Entretoise



OPTIONAL PARTS
 53030 850 Sealed Ball Bearing Set
 (4 Pcs.)

- BT1**   **BT1**
- 850 Metal bearing
 Metall-Lager
 Palier en métal
- 850 Ball bearing
 Kugellager
 Roulement à billes

BE



PRÜFEN DER ADSPEC RC-EINHEIT
(Siehe Bild rechts.)

*Servo vor dem Einbau in neutrale Stellung bringen.

*Teile mit * sind im Bausatz nicht enthalten.

- ① Batterien einlegen.
- ② Ausziehbare Antenne.
- ③ Voll aufgeladener Akku verbinden.
- ④ Aufwickeln und langziehen.
- ⑤ ⑥ Schalter ein.
- ⑦ Trimmhebel neutral stellen.
- ⑧ Lenkrad neutral stellen.
- ⑨ Dies ist die Neutralstellung des Servos.

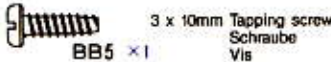
VERIFICATION DE L'ENSEMBLE ADSPEC (Voir à droite.)

*S'assurer que le servo est au neutre avant assemblage.

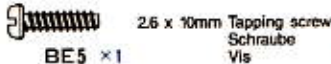
*Les pièces marquées * ne sont pas incluses dans le kit.

- ① Mettre en place la batterie.
- ② Déployer l'antenne.
- ③ Charger complètement la batterie.
- ④ Dérouler et déployer le fil.
- ⑤ ⑥ Mettre en marche.
- ⑦ Placer les trims au neutre.
- ⑧ Le volant de direction au neutre.
- ⑨ Le servo au neutre.

BB



BE



PRÜFEN ANDERER RC ANLAGEN MIT ELEKTRONISCHEM FAHRREGLER (Siehe Bild rechts.)

- ① Batterien einlegen.
- ② Ausziehbare Antenne.
- ③ Voll aufgeladener Akku verbinden.
- ④ Aufwickeln und langziehen.
- ⑤ ⑥ Schalter ein.
- ⑦ Trimmhebel neutral stellen.
- ⑧ Hebel in Mittelstellung.
- ⑨ Dies ist die Neutralstellung des Servos.

VERIFICATION D'AUTRE TYPE DE VARIATEUR DE VITESSE ELECTRONIQUE (Voir à droite.)

- ① Mettre en place la batterie.
- ② Déployer l'antenne.
- ③ Charger complètement la batterie.
- ④ Dérouler et déployer le fil.
- ⑤ ⑥ Mettre en marche.
- ⑦ Placer les trims au neutre.
- ⑧ La manche au neutre.
- ⑨ Le servo au neutre.



ADSPEC

ADSPEC R/C SYSTEM

This is a 2 channel radio control system designed for 1/10-1/12 scale R/C models. The system consists of a wheel type, pistol grip transmitter and the C.P.R. unit P-100F.

* Make sure the servo is in neutral prior to assembly.
* Parts marked * are not in kit.

① Install batteries. ② Extend antenna. ③ Connect charged battery.

* Tamiya Ni-Cd 7.2V Racing Pack battery
* Batterie: Tamiya Ni.-Cd. 7.2V Racing Pack
* Batterie Tamiya Ni-Cd 7.2V. "Racing"

④ Loosen and extend. ⑤ Switch on. ⑥ Switch on. ⑦ Trims at neutral. ⑧ Steering wheel in neutral. ⑨ Servo in neutral position.

* Receiver switch
* Empfänger-Schalter
* Interrupteur de la réception

* C.P.R. Unit P100F
* C.P.R. Einheit P100F
* Élément de Réception C.P.R. P100F

* Steering servo
* Lenkservo
* Servo de direction

* Attach as shown with servo in neutral.
* Wie angegeben Servo in Neutralstellung bringen.
* Monter comme indiqué avec le servo au neutre.

P3, P1, P4, P5, BE5 2.6x10mm

CHECKING OTHER R/C UNITS WITH ELECTRONIC SPEED CONTROL

① Install batteries. ② Extend antenna. ③ Connect charged battery.

* Tamiya Ni-Cd 7.2V Racing Pack battery
* Batterie: Tamiya Ni.-Cd. 7.2V Racing Pack
* Batterie Tamiya Ni-Cd 7.2V. "Racing"

④ Loosen and extend. ⑤ Switch on. ⑥ Switch on. ⑦ Trims at neutral. ⑧ Keep stick in neutral. ⑨ Servo in neutral position.

* Receiver
* Empfänger
* Récepteur

* Receiver switch
* Empfänger Schalter
* Interrupteur de la réception

* Attach as shown with servo in neutral.
* Wie angegeben Servo in Neutralstellung bringen.
* Monter comme indiqué avec le servo au neutre.

P3, P1, P4, P5, P6, BE5 3x10mm, BE5 2.6x10mm

SANWA ACOMS JR KO, FUTABA, TAMIYA FUTABA

**38 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

BA

BA3 x2 3mm Washer
Bellagscheibe
Rondelle

BB

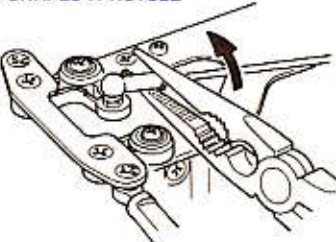
BB3 x2 3 x 10mm Tapping screw
Schraube
Vis

BB4 x2 3 x 8mm Tapping screw
Schraube
Vis

BR

BR2 x1 4mm Adjuster
Einstellstück
Chape à rotule

**HOW TO REMOVE ADJUSTER
ENTFERNEN DES EINSTELLSTÜCK
COMMENT DECONNECTER LES
CHAPES A ROTULE**



**MOTOR CABLES
MOTORKABEL
FILS DU MOTEUR**

«Tamiya Adspec R/C System»



Red Rot
Rot Rouge
Black Schwarz
Schwarz Noir

Other electronic speed control
Andere elektronische Fahrregler
Autre type de variateur de vitesse
électronique



(+) cable Red Rot
(+) Kabel Rot Rouge
(-) cable Black Schwarz
(-) Kabel Schwarz Noir
(-) fil Noir

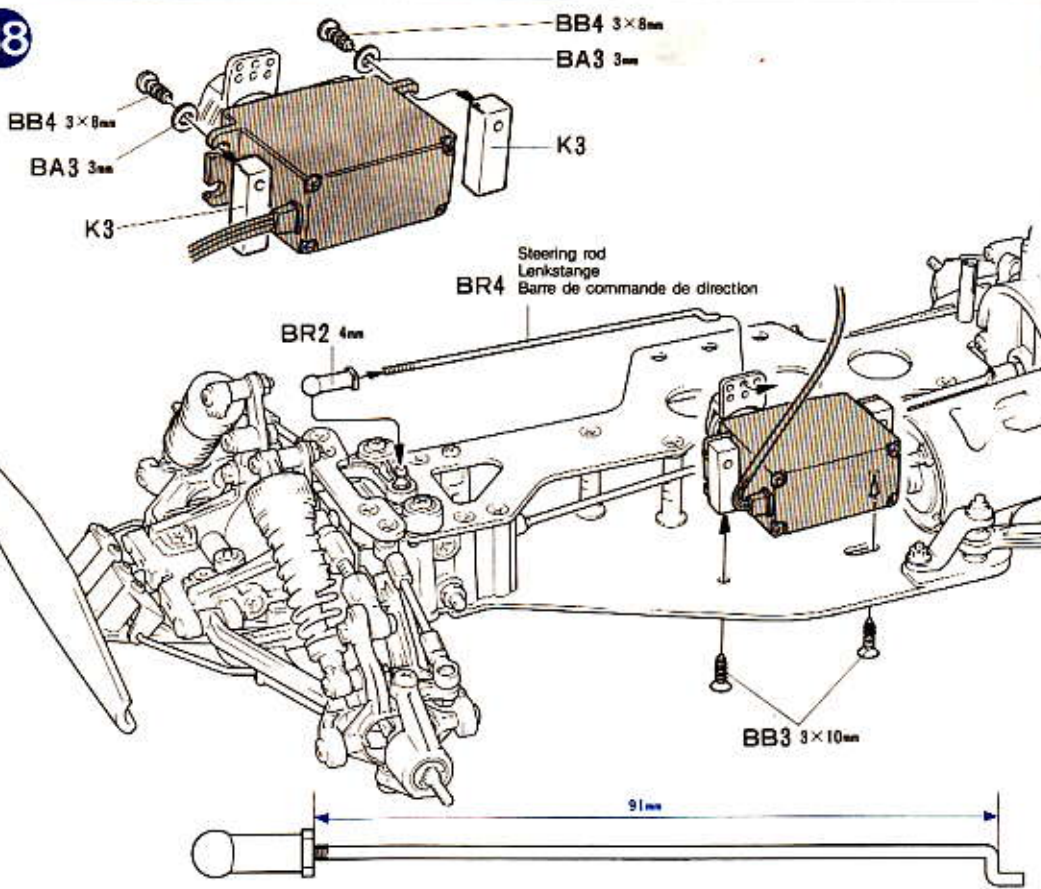
**NYLON BAND
NYLONBAND
COLLIER EN NYLON**

* Gather and hold cables using nylon band.
* Kabel mit Nylonband binden.
* Maintenir les fils en place avec un collier en nylon.

* Cut off excess.
* Überlänge abschneiden.
* Couper la longueur excédentaire.

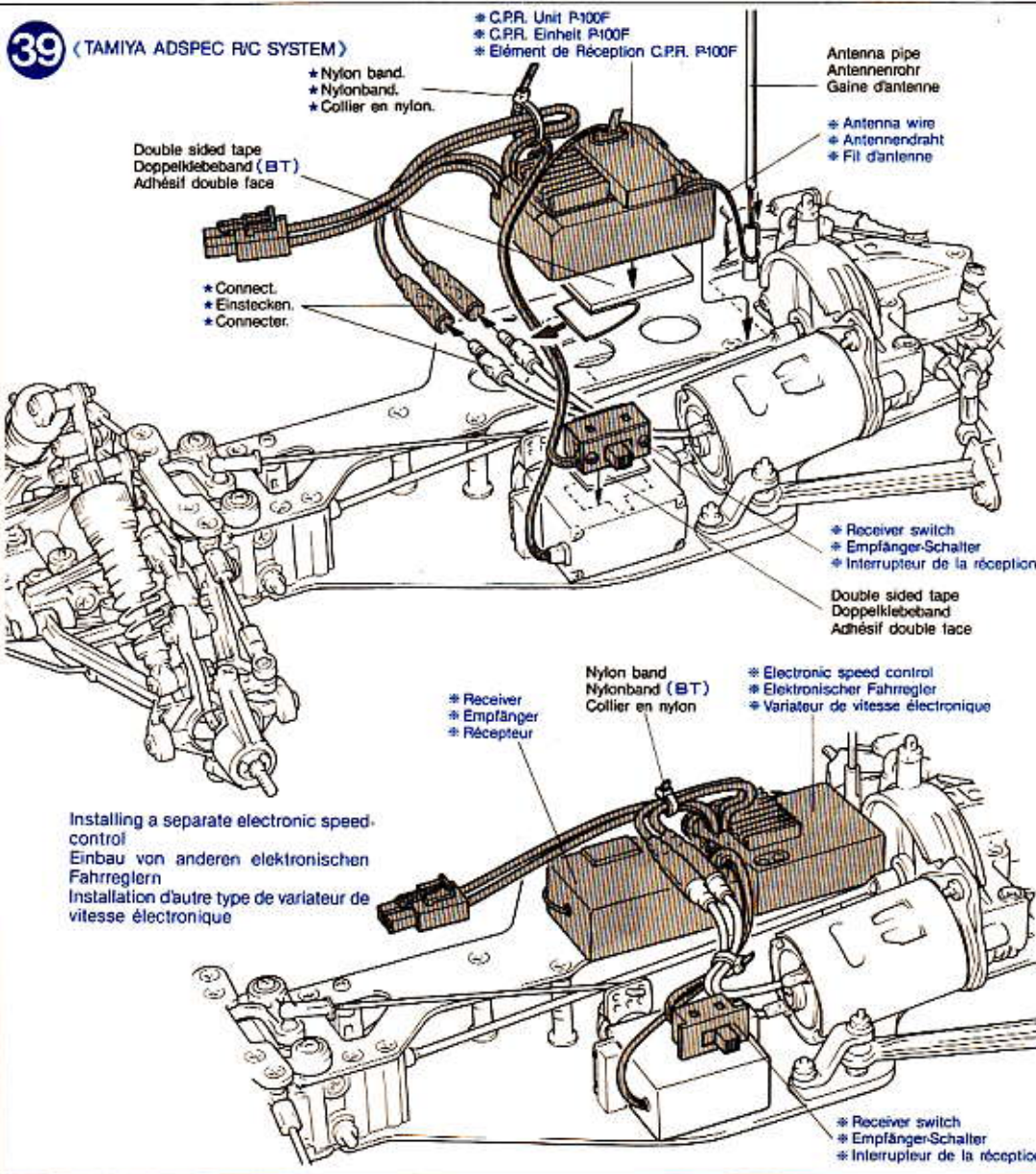


38



39

(TAMIYA ADSPEC R/C SYSTEM)



* C.P.R. Unit P100F
* C.P.R. Einheit P100F
* Élément de Réception C.P.R. P100F

* Nylon band.
* Nylonband.
* Collier en nylon.

Double sided tape
Doppelklebeband (BT)
Adhésif double face

* Connect.
* Einstecken.
* Connector.

Antenna pipe
Antennenrohr
Gaine d'antenne

* Antenna wire
* Antennendraht
* Fil d'antenne

* Receiver switch
* Empfänger-Schalter
* Interrupteur de la réception

Double sided tape
Doppelklebeband
Adhésif double face

* Receiver
* Empfänger
* Récepteur

Nylon band
Nylonband (BT)
Collier en nylon

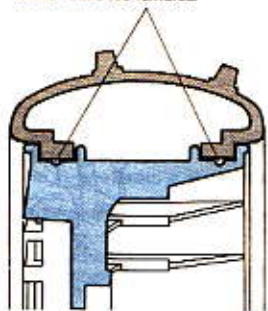
* Electronic speed control
* Elektronischer Fahrregler
* Variateur de vitesse électronique

Installing a separate electronic speed control
Einbau von anderen elektronischen Fahrreglern
Installation d'autre type de variateur de vitesse électronique

* Receiver switch
* Empfänger-Schalter
* Interrupteur de la réception

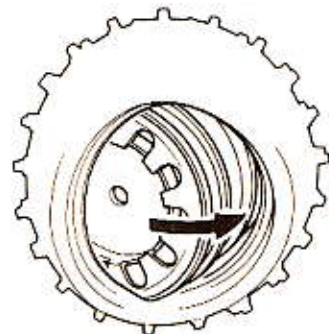
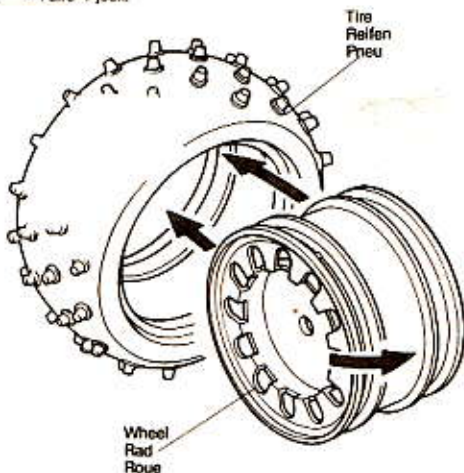
**40 ATTACHING TIRE
REIFEN-MONTAGE
MONTAGE DES PNEUS**

- * Fit into grooves.
- * Reifen in die Felgen richtig eindrücken.
- * Insérer dans les rainures.



40

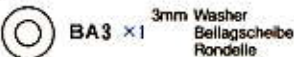
- * Make 4.
- * 4 Sätze machen.
- * Faire 4 jeux.



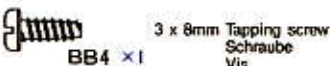
- * Rotate 90 degrees.
- * Um 90 Grad drehen.
- * Tourner de 90 degrés.

**41 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

BA



BB



BD



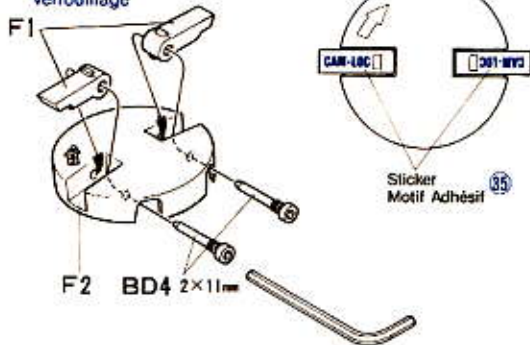
BR



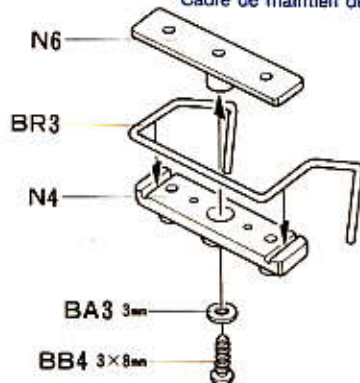
41

Wheel cap
Radkappe
Disque de verrouillage

- * Make 4.
- * 4 Sätze machen.
- * Faire 4 jeux.

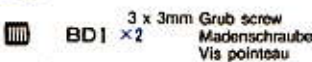


Wing stay
Spoiler-Halter
Cadre de maintien de l'aïeron



**42 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES**

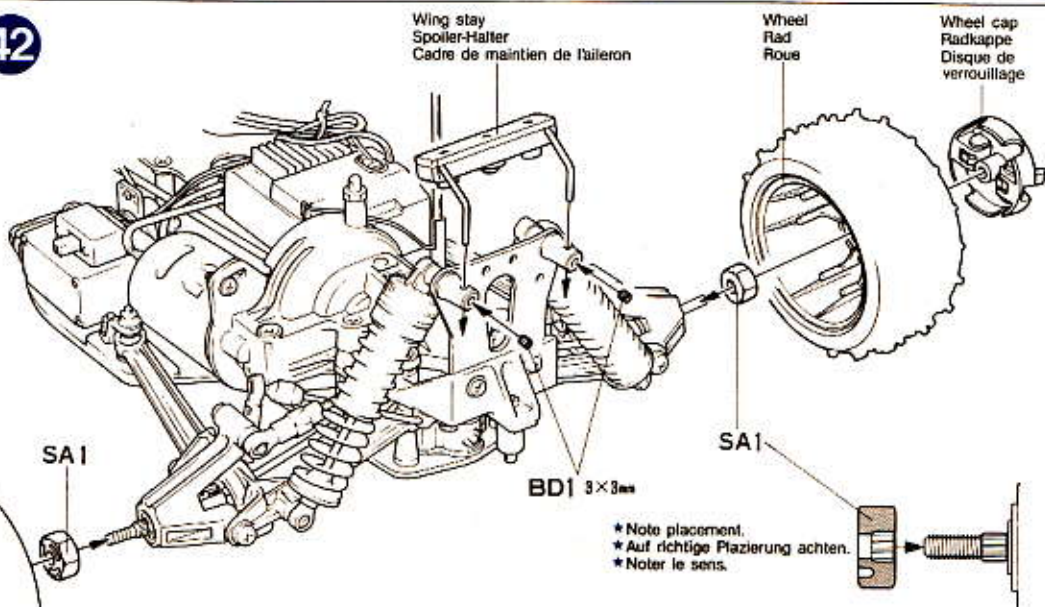
BD



SA



42



- * Note placement.
- * Auf richtige Platzierung achten.
- * Noter le sens.

WHEEL CAP
RADKAPPE
DISQUE DE VERROUILLAGE



OPTIONAL PARTS

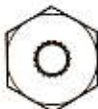
- 53005 Avante Lightweight Narrow Wheels (1 pair)
- 53006 Avante Lightweight Wide Wheels (1 pair)
- 53039 Hybrid Narrow Spike Tires (1 pair)
- 53040 Hybrid Wide Spike Tires (1 pair)

- * Fully screw in.
- * Ganz einschrauben.
- * Visser à fond.

- * Depress to lock.
- * Zur Hallerung eindrücken.
- * Presser pour serrer.

43 PARTS USED
 VERWENDETE TEILE
 PIÉCES UTILISÉES

SA


 SA1 x2 Wheel hub
 Radnabe
 Moyeu de roue

43

 Wheel Rad
 Roue

 Wheel cap
 Radkappe
 Disque de
 verrouillage

 Wheel Rad
 Roue

SA1

SA1

 Wheel cap
 Radkappe
 Disque de
 verrouillage

SA1

- * Note placement.
- * Auf richtige Platzierung achten.
- * Noter le sens.

TRIMMING BODY
 ZURICHTEN DER KAROSSERIE
 DECOUPE DE LA CARROSSERIE

44

TRIMMING
 ABSCHNEIDEN
 DECOUPE

- * Make 2mm holes.
- * 2mm Löcher bohren.
- * Percer un trou de 2mm.

 PC16 Metallic blue
 Blau-metallic
 PS16 Bleu métallisé

 Body
 Karosserie
 Carrosserie

- * Cut away.
- * Abschneiden.
- * Couper.

 PC16 Metallic blue
 Blau-metallic
 PS16 Bleu métallisé

 Side plate
 Seitenplatte
 Plaquette latérale

- * Cut away.
- * Abschneiden.
- * Couper.

 PC16 Metallic blue
 Blau-metallic
 PS16 Bleu métallisé

- * Make 2mm holes.
- * 2mm Löcher bohren.
- * Percer un trou de 2mm.

 PC16 Metallic blue
 Blau-metallic
 PS16 Bleu métallisé

- * Make 2mm holes.
- * 2mm Löcher bohren.
- * Percer un trou de 2mm.

 Wing
 Spoiler
 Aileron

- * Cut off using scissors or modeling knife.
- * Mit Messer oder Schere abschneiden.
- * Découper en utilisant des ciseaux ou un couteau de modéliste.

PREPARING BODY FOR PAINTING

- * Wash the body thoroughly with detergent in order to remove oily smears, then rinse off detergent and allow to dry.

VORBEREITUNG DER KAROSSERIE FÜR BEMALUNG

- * Karosserie sorgfältig mit Spülmittel abwaschen, damit Staub und ggf. Öl entfernt sind. Trocknen lassen.

PREPARATION DE LA CARROSSERIE POUR LA MISE EN PEINTURE

- * Nettoyer entièrement la carrosserie avec du détergent pour la dégraisser, la rincer et laisser sécher.

 Under cowl
 Untere Verkleidung
 Protection inférieure

 PC5 Black
 Schwarz
 PS5 Noir

- * Cut away.
- * Abschneiden.
- * Couper.

- * Mask off window portion.
- * Fenster abkleben.
- * Masquer les parties vitrées avec de l'adhésif.

45 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES

BT



BT4 × 3
Snap pin (small)
Federstift (klein)
Épingle métallique (petite)

46 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES

BT

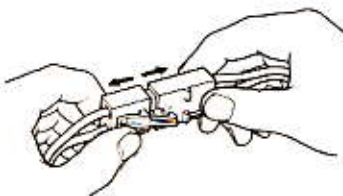


BT3 × 1
Snap pin (large)
Federstift (groß)
Épingle métallique (grande)

CAUTION
VORSICHT!
PRECAUTION



**DISCONNECT BATTERY
WHEN NOT USING THE CAR**
Disconnect Ni-Cd battery when car is not being used. If left connected, a slight movement of the speed controller results in a run away car.



**AKKUSTECKER ABZIEHEN, WENN
DAS AUTO NICHT IN BETRIEB**
Ni-Cd Akku abhangen, wenn das Auto nicht benutzt wird. Bleibt der Anschlu zusammen, kann eine geringe Bewegung des Fahrreglers zum Davonfahren des Autos fuhren.

**DECONNECTER LA BATTERIE
LORSQUE LA VOITURE N'EST PAS
UTILISEE**

Dconnecter le connecteur de la batterie lorsque la voiture n'est pas utilise. En la laissant branche, un leger mouvement du regulateur de vitesse peut mettre en marche le moteur.

TAMIYA CRAFT TOOLS
STRAIGHT TWEEZERS



ITEM 74004

ANGLED TWEEZERS



ITEM 74003

LONG NOSE w/CUTTER



ITEM 74002

SIDE CUTTER for PLASTIC



ITEM 74001

(+)SCREWDRIVER -L (5 × 100)

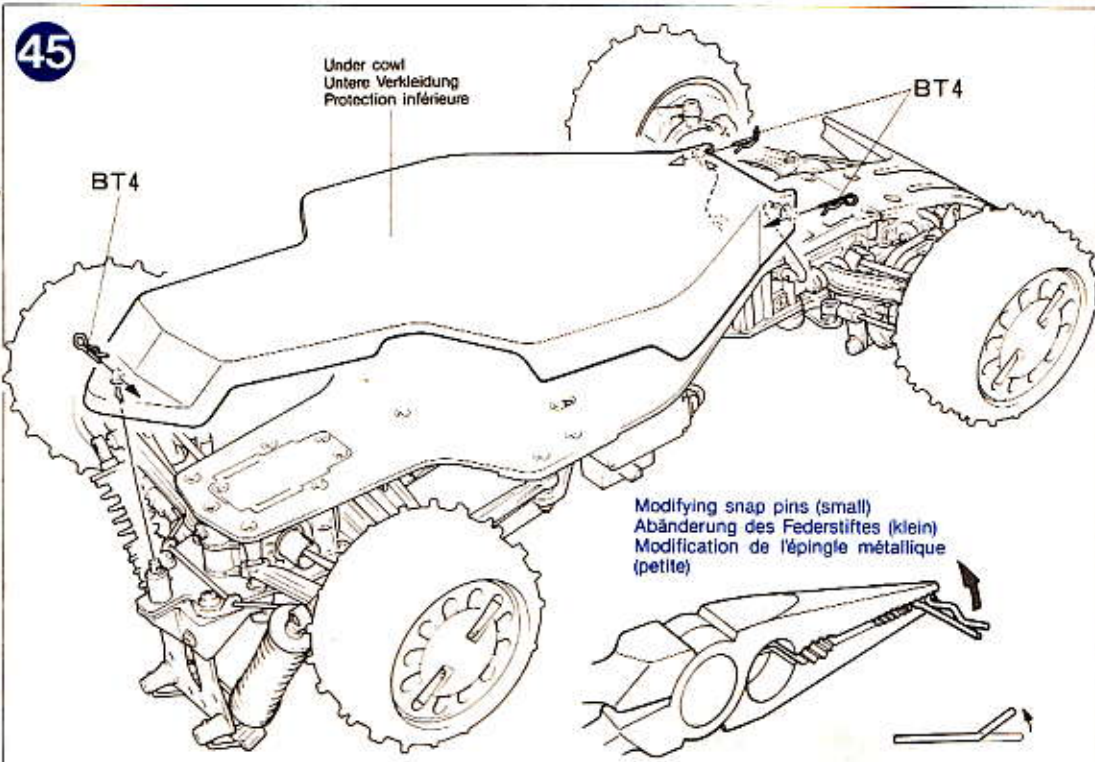


ITEM 74006

(+)SCREWDRIVER -M (4 × 75)



ITEM 74007

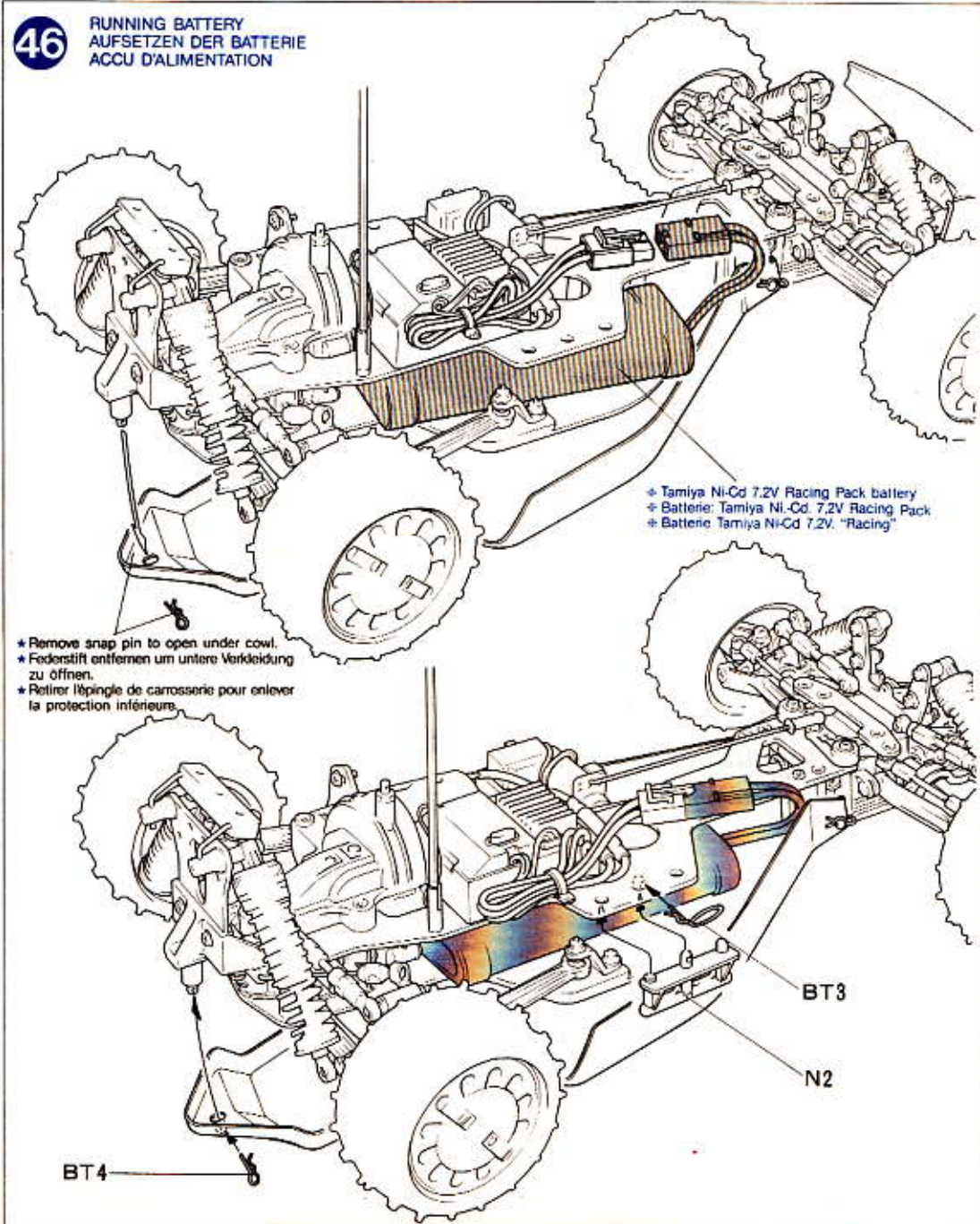
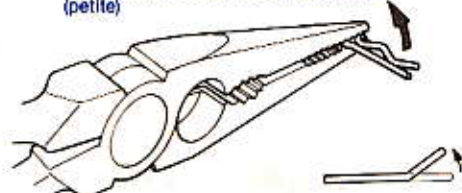


Under cowl
Untere Verkleidung
Protection inferieure

BT4

BT4

Modifying snap pins (small)
Abanderung des Federstiftes (klein)
Modification de l'epingle metallique (petite)



46 RUNNING BATTERY
AUFSETZEN DER BATTERIE
ACCU D'ALIMENTATION

 Tamiya Ni-Cd 7.2V Racing Pack battery
 Batterie Tamiya Ni-Cd 7.2V Racing Pack
 Batterie Tamiya Ni-Cd 7.2V "Racing"

-  Remove snap pin to open under cowl.
-  Federstift entfernen um untere Verkleidung zu offnen.
-  Retirer l'epingle de carrosserie pour enlever la protection inferieure.

BT3

N2

BT4

47 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES

BB

3 x 8mm Tapping screw
Schraube
Vis
BB4 x 2

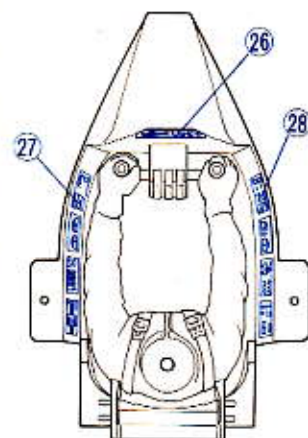
BD

2mm Nut
Mutter
Ecrou
BD2 x 2

2 x 6mm Screw
Schraube
Vis
BD5 x 2

2mm Spring washer
Federscheibe
Rondelle ressort
BD7 x 2

MARKINGS
BESCHRIFTUNG
DECORATION



49 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES

BD

2mm Nut
Mutter
Ecrou
BD2 x 4

2 x 6mm Screw
Schraube
Vis
BD5 x 4

2mm Spring washer
Federscheibe
Rondelle ressort
BD7 x 4

TAMIYA CRAFT TOOLS

(-) SCREWDRIVER - M



ITEM 74008
PIN VISE

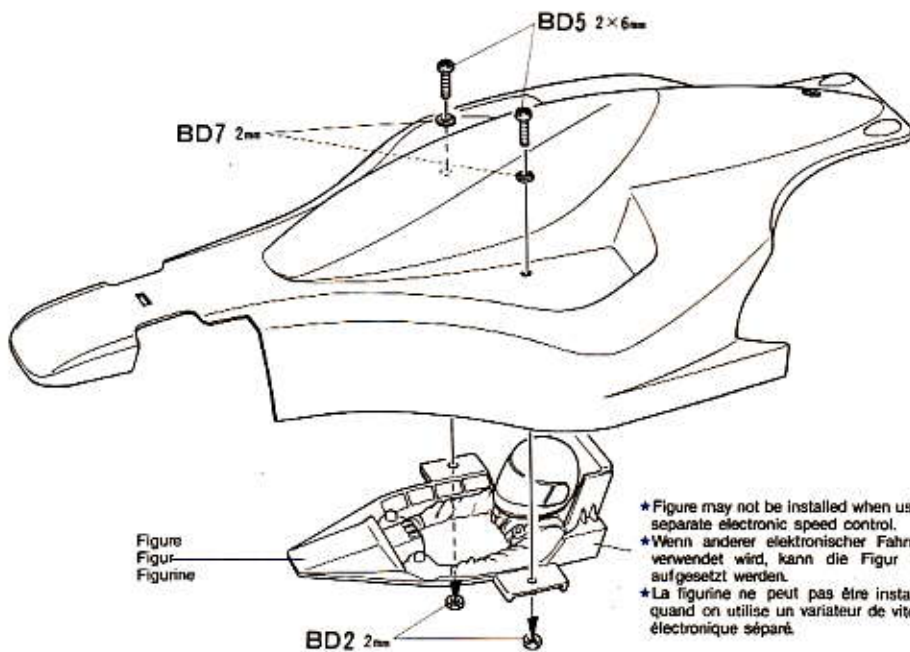
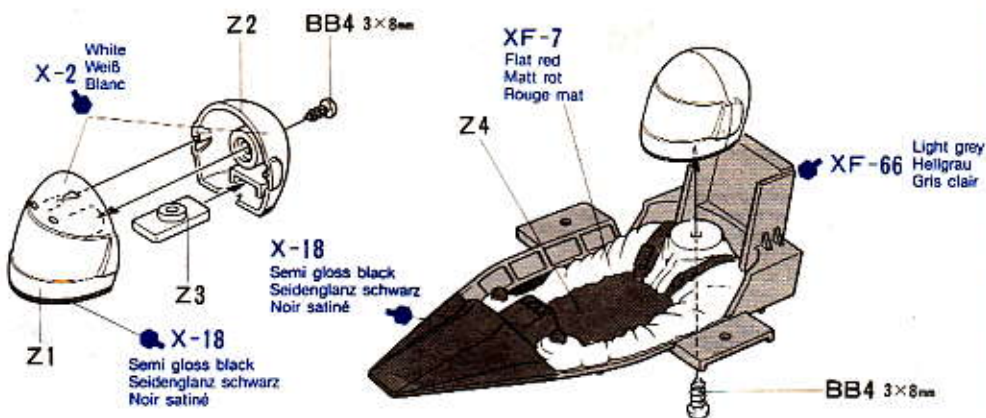


ITEM 74011
CRAFT KNIFE



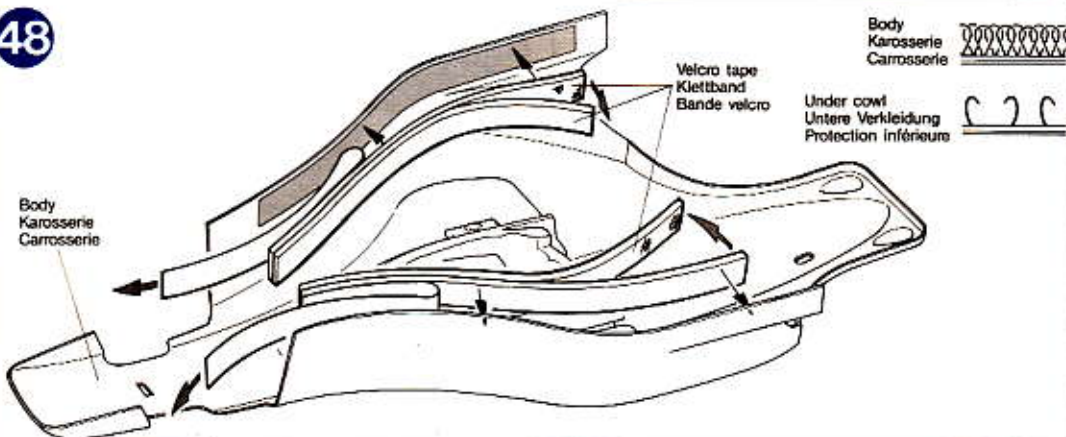
ITEM 74013

47

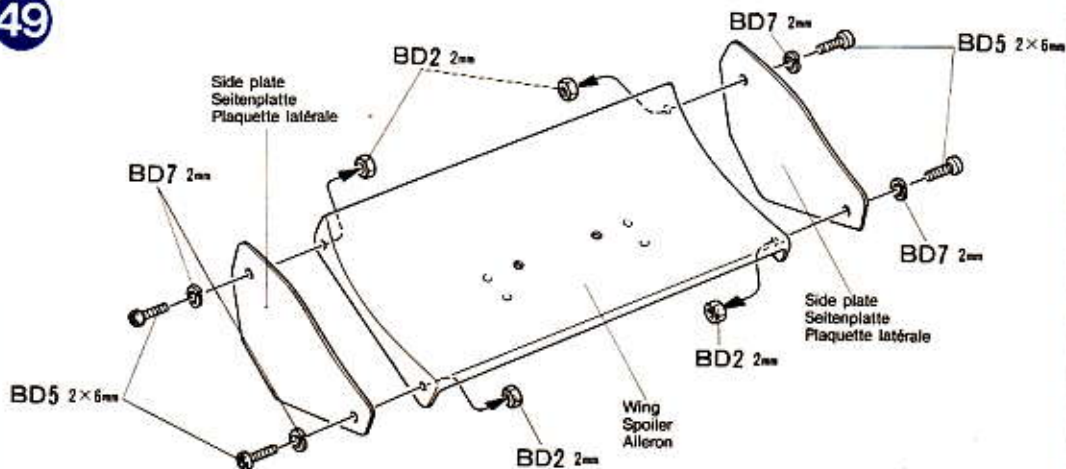


* Figure may not be installed when using a separate electronic speed control.
* Wenn anderer elektronischer Fahrregler verwendet wird, kann die Figur nicht aufgesetzt werden.
* La figurine ne peut pas être installée quand on utilise un variateur de vitesse électronique séparé.

48



49



STICKER

- 1 Cut stickers along colored edge so the transparent film is removed.
 - 2 Peel off the end of lining a little and put the sticker in position on the body.
 - 3 Then, remove the lining slowly. In so doing, be careful that the sticker does not move out of position on the body.
- If the lining is completely removed in advance, the sticker may be wrinkled or contain unwanted air bubbles.

**STICKER**

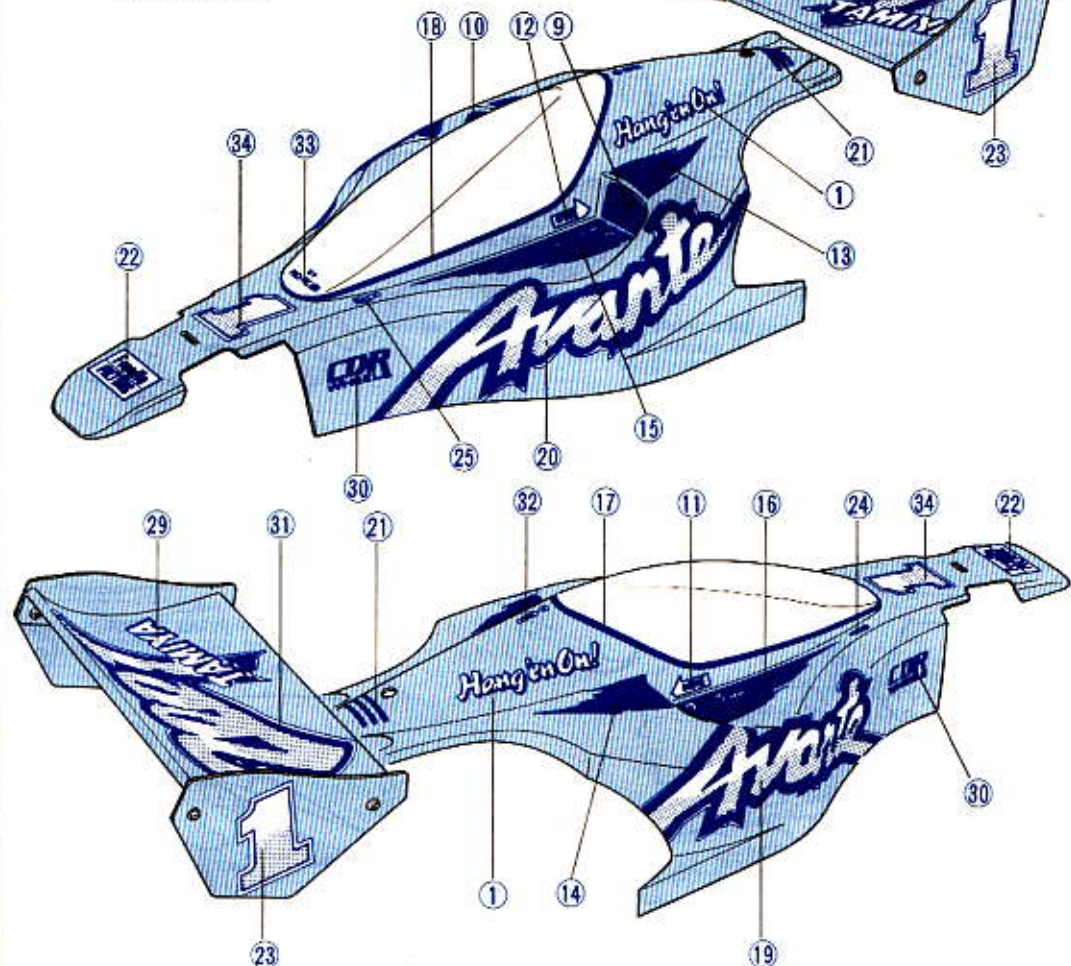
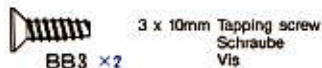
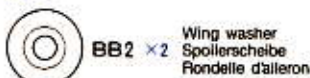
- 1 Die Sticker an den bunten Kanten so ausschneiden, daß der transparente Film weg ist.
- 2 An einer Kante die Unterlage etwas abziehen und Sticker richtig auf die Karosserie legen.
- 3 Dann die Unterlage langsam ganz abziehen, darauf achten, daß sich der Sticker nicht verschiebt und daß keine Luft unter den Sticker kommt — sonst gibt es Luftblasen. Wenn die Unterlage vorher komplett entfernt wird, kann der Sticker zusammenkleben.

MOTIF ADHESIF

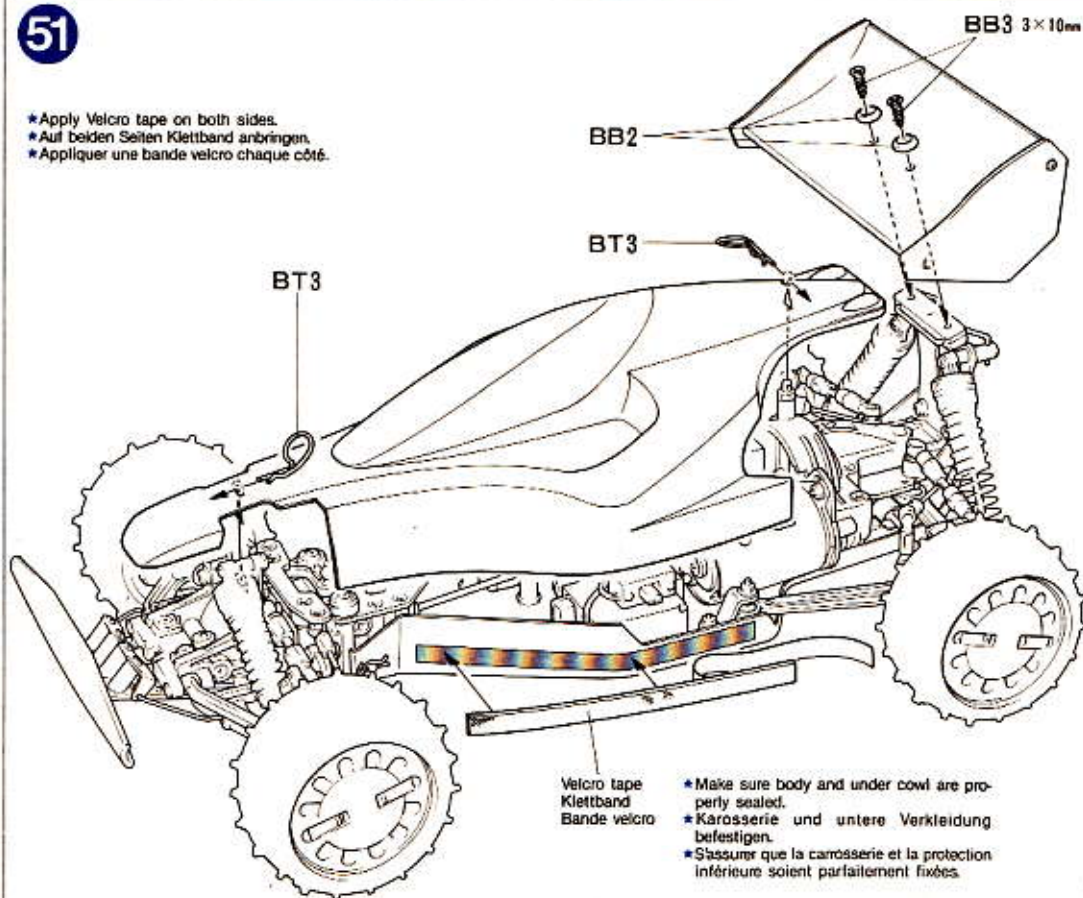
- 1 Découper chaque motif au plus près de ses contours pour éliminer le film transparent.
 - 2 Soulever le papier de protection à l'une des extrémités et positionner le motif sur la carrosserie.
 - 3 Retirer lentement le papier de protection en veillant à ce que le motif ne se déplace pas sur la carrosserie.
- En retirant entièrement à l'avance le papier de protection, le film risque de former des plis ou de retenir des bulles d'air indésirables.

**50 MARKINGS
BESCHRIFTUNG
DECORATION**

- ★ Apply sponsor stickers as you like.
- ★ Sponsor-Sticker nach Belieben anbringen.
- ★ Appliquer des motifs adhésifs des sponsors selon vos désirs.

**51 PARTS USED
VERWENDETE TEILE
PIECES UTILISEES****BB****BT****51**

- ★ Apply Velcro tape on both sides.
- ★ Auf beiden Seiten Klettband anbringen.
- ★ Appliquer une bande velcro chaque côté.



Velcro tape
Klettband
Bande velcro

- ★ Make sure body and under cowl are properly sealed.
- ★ Karosserie und untere Verkleidung befestigen.
- ★ S'assurer que la carrosserie et la protection inférieure soient parfaitement fixées.

**TAMIYA COLOR FOR
POLYCARBONATE**

This is a paint to do a fine job on polycarbonate bodies of RC cars. It can be brushed or sprayed and brushes can be cleaned with water. 18 colors are available. It is collision resistant and durable.





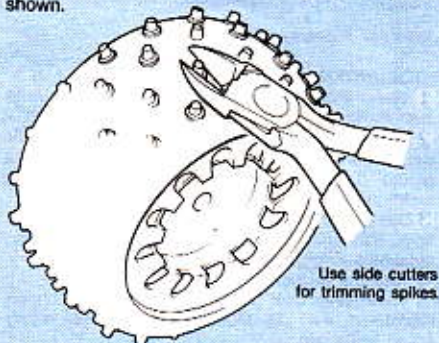
SETTING-UP THE AVANTE 2001

To greatly enhance the overall performance of your car, it is necessary to tune the vehicle to the track (and its surface conditions), on which you will be racing. This will ensure its best performance on race day. Make adjustments referring to the instruction manual, keeping in mind that "balance" is the key word.

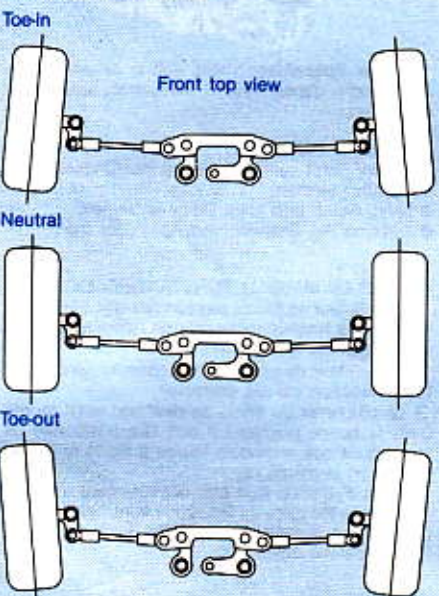
1. TIRES

Tires have a great influence on the performance of the car, and are normally the first components tuned. The stock high-grip pin spike tires can be easily modified for a soft track surface or hard track conditions by shortening the height of the pins by trimming. This helps the tires provide the best traction for improved acceleration and handling.

When the car understeers, trim spikes on front tires for hard surfaces; and use long spiked front tires for soft surface running. Do the opposite if the car oversteers. It is suggested that you make-up several sets of tires with different spike lengths, in order to have the right choice of tires at the track. Worn spike tires can regain proper grip by trimming spike tips as shown.

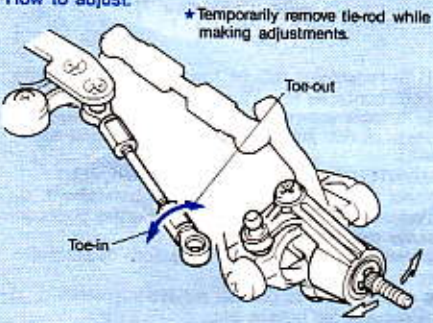


2. TOE-IN AND TOE-OUT



Adjusting the car to toe-in a little, by pointing the wheels inwards, provides the car with good straight

How to adjust.

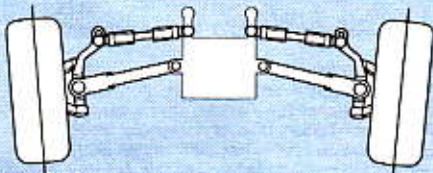


running and moderate steering characteristics. Toe-out adjustments, which point the front wheels outwards, allows sharp and crisp steering. Take care not to overdo any adjustment, otherwise the resulting drag will hinder the handling of the car. Too much of either reduces performance and control. Begin with a little toe-in and work from there.

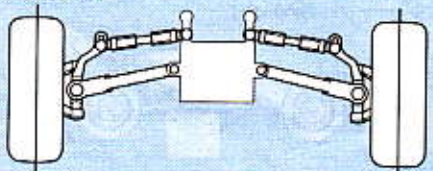
3. CAMBER ANGLE

While taking the corners, the car is forced to go outwards, causing in-stability. The area of contact on each tire is determined by the camber angle, and therefore the traction of the tires can be made greater or lesser through adjustment of the camber angle. To increase traction during cornering adjust camber angle to negative, and for reducing traction, adjust to positive. The steering characteristics can be changed by altering the traction of the front and rear tires. The car can be made to oversteer with the front adjusted to negative camber and the rear to positive. To cause the car to understeer, adjust front to positive camber and rear to negative.

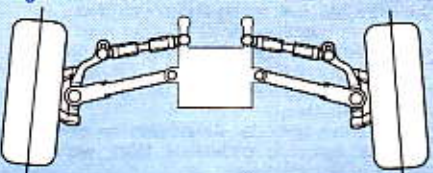
Positive camber



Zero camber

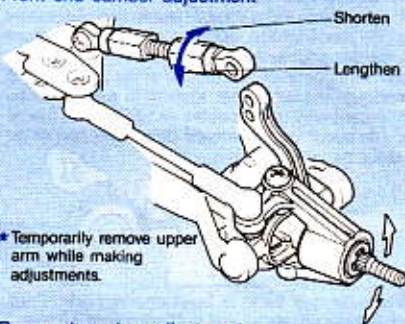


Negative camber



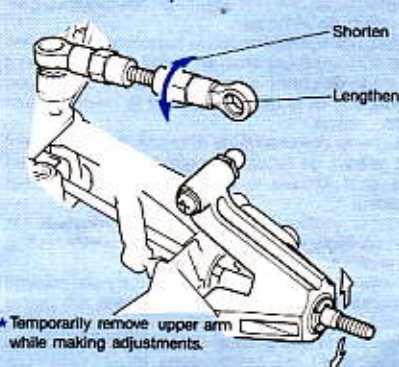
* The vehicle is adjusted to the required camber angle, when assembled according to the instruction manual, but it is suggested to later adjust it to your own preference and track conditions. Lengthen the upper arm for positive camber and shorten for negative camber angle.

Front end camber adjustment



* Temporarily remove upper arm while making adjustments.

Rear end camber adjustment



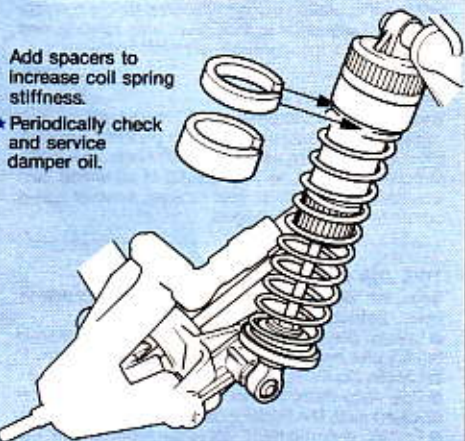
* Temporarily remove upper arm while making adjustments.

4. DAMPER

It is suggested that you first assemble the damper units to standard, as described in the instruction manual, and test run the car. If the car understeers, make the front dampers softer and the rear harder. For oversteering traits, make the front dampers harder and the rear softer. Also, you can reduce car dividing tendencies during jumps by setting the front dampers hard and the rear soft. The damper units should always be adjusted to maintain a balance between the front and rear end. Excessive damping only makes the car more difficult to control.

Add spacers to increase coil spring stiffness.

* Periodically check and service damper oil.



* Damper oil also plays a very important part in enhancing overall suspension potential. Use of different types of oil enable you to adjust your damper units for any track conditions. Remember to periodically check and service damper oil to maintain performance.

5. GEAR RATIO

Selecting the right gear ratio is very important in achieving good results in official four-minute off road races. Proper gear ratio should be determined by the available output power of the motor; type of battery; track condition and layout. The standard gear ratio set-up for the Avante 2001, when using a Tamiya 7.2V-1700mAh Racing Pack EX battery is: 20 tooth pinion gear with the Technigold Motor; 18 tooth pinion gear with the Dynatech 01R Motor; and 14 tooth pinion gear when using the Dynatech 02H Motor. It should also be noted that running the car on a good grip surface suggests use of a pinion gear 1 - 2 teeth smaller, in order to effectively use all of the available battery power.

23T Gear ratio: 1:7.89	22T Gear ratio: 1:8.25	21T Gear ratio: 1:8.63
20T Gear ratio: 1:9.07 (Technigold)	19T Gear ratio: 1:9.54	18T Gear ratio: 1:10.00 (Dynatech 01R)
17T Gear ratio: 1:10.67	16T Gear ratio: 1:11.33	15T Gear ratio: 1:12.22
14T Gear ratio: 1:13.09 (Dynatech 02H)	13T Gear ratio: 1:14.10	12T Gear ratio: 1:15.27

SAFETY PRECAUTIONS

Follow the outlined rules for safe radio control operation.

- Avoid running the car in crowded areas and near small children.
- Never use the street for running R/C models.
- Never hinder rotation of wheels, nor attempt to run model when it is stuck.
- Make sure that no one else is using the same frequency in your running area. Using the same frequency at the same time can cause serious accidents, whether it's driving, flying, or sailing.

R/C OPERATING PROCEDURES

1. Set model on a box so wheels are free to rotate.
 2. Install/connect running and transmitter batteries.
 3. Make sure the transmitter controls and trims are in neutral.
 4. Switch on transmitter.
 5. Switch on receiver.
- ★ Inspect operation using transmitter before running.
★ Reverse sequence to shut down after running, and make sure to disconnect/remove all batteries.

HANDLING CAUTIONS

Because an electric powered R/C model utilizes high capacity Ni-Cd batteries and high performance electric motors, current as large as 200 watts flow in the circuits. You must be very careful of all wiring, and adjustments, otherwise your receiver, servo or speed controller can be damaged.

TIPS ZUR SICHERHEIT

Beachten Sie die folgenden Richtlinien für fehlerfreien Betrieb.

- Lassen Sie das Fahrzeug nur in freiem Gelände fahren und nicht in der Nähe von Kleinkindern.
- Lassen Sie Ihr Auto niemals auf der Straße fahren.
- Das Auto nicht fahren lassen, wenn die Räder blockiert sind. Die Räder müssen sich immer drehen.
- Prüfen, daß niemand dieselbe Frequenz in der Umgebung benutzt, denn dadurch können Unfälle entstehen - sowohl beim Fahren, Fliegen oder Segeln.

KONTROLLEN VOR DER FAHRT

1. Setzen Sie das Modell so auf einen Kasten, daß sich die Räder frei drehen können.
 2. Die Fahrakku und Sender-Batterien einbauen/verbinden.
 3. Darauf achten, daß Empfänger-Trimmung in Neutralstellung ist.
 4. Sender einschalten.
 5. Empfänger einschalten.
- ★ Die Funktion vor Abfahrt mit dem Sender überprüfen.
★ Nach Spielbetrieb in umgekehrter Reihenfolge vorgehen und die Batterien herausnehmen bzw. abklemmen.

BITTE BEACHTEN!

Ein ferngesteuertes Auto mit Elektro-Motor braucht viel Strom und einen Motor mit großer Leistung. Bis zu 200 Watt! Alle Verdrahtungen, Einstellungen und der Fahrregler müssen vorsichtig gehandhabt oder sicher eingebaut sein, sonst können Empfänger, die

MESURES DE SECURITE

Veuillez trouver ci-dessous les règles de sécurité à respecter pour l'utilisation de votre ensemble R/C.

- Evitez de rouler avec votre voiture dans un endroit où il y a beaucoup de monde ou encore fréquenté par des enfants.
- Ne roulez jamais sur la route.
- Evitez de bloquer la voiture contre un obstacle, ce qui empêcherait la rotation des roues.
- Assurez-vous que personne d'autre n'utilise la même fréquence sur le même terrain que vous. Utiliser la même fréquence en même temps peut être source de sérieux accidents, pendant la conduite, le vol ou la navigation des modèles R/C.

PROEDURE DE MISE EN MARCHÉ

1. Assurez-vous de la libre rotation de la transmission du véhicule.
 2. Installez les batteries dans l'émetteur.
 3. Assurez-vous que les trims soient au neutre.
 4. Allumez l'émetteur.
 5. Allumez le récepteur.
- ★ Vérifiez la bonne marche de votre radiocommande avant de rouler.
★ Faites les opérations inverses après utilisation de votre ensemble R/C. Assurez-vous que les batteries soient bien débranchées et rechargez-les.

PRECAUTIONS

Du fait qu'une voiture R/C électrique utilise un moteur de hautes performances alimenté par une batterie de forte capacité, un courant d'environ 200 Watts traverse les circuits. Il convient donc de réaliser tous les câblages et de régler le variateur de vitesse avec le plus grand soin, autrement le récepteur, les servos ou le variateur peuvent être endommagés.

INSPECTION BEFORE OPERATION

Be sure to check the points shown in the figure before starting operation. This is necessary to prevent trouble and accidents. In the first operation after assembly, let the model run slowly for the first 5 minutes while checking the condition of the steering and speed control.



- 1 Make sure that screws, particularly grub screws are tight enough.
- 2 Make sure that batteries for the transmitter are fully charged or new by means of meter.
- 3 Make sure that Ni-Cd battery has been sufficiently charged. If Battery is not charged, car may run out of control if the receiver and motor use the same battery.
- 4 Adjust steering servo and/or trim so that the car tracks in a straight line with the transmitter at neutral.
- 5 Double check speed controller for neutral position. Improper adjustment can result in a run away model.
- 6 Double check the wiring for breaks and short circuits.
- 7 Be sure to apply grease to bearings, and moving portions of suspension, etc.

Servos oder der Fahrregler beschädigt werden.

KONTROLLEN VOR DER FAHRT

Führen Sie bitte unbedingt die Kontrolle gemäß den nachstehenden Punkten durch, bevor Sie das Auto fahren lassen. Dies ist notwendig, um Probleme und Unfälle zu vermeiden. Beim ersten Betrieb nach dem Zusammenbau lassen Sie das Auto die ersten 5 Minuten langsam fahren und prüfen Sie die Lenkung und Fahrregler.



- 1 Prüfen, ob die Schrauben, besonders die Gewindestifte, fest genug angezogen sind.
- 2 Sind die Batterien für den Sender frisch?
- 3 Sind die Ni-Cd-Akkus voll geladen? Wenn die Akkus nicht voll geladen sind, kann das Fahrzeug außer Kontrolle geraten, falls Sender und Motor dieselbe Batterie benutzen.
- 4 Lenk-Servo und/oder Trimmhebel so einstellen, daß das Fahrzeug geradeaus fährt, wenn der Sender in Neutralstellung ist.
- 5 Sehr genau prüfen, ob Fahrregler in Neutralstellung ist. Ungenaue Einstellung kann dazu führen, daß das Fahrzeug unkontrolliert davonfährt.
- 6 Kabel gut isolieren, um Kurzschluß zu vermeiden.
- 7 Die Lager einfetten und ebenso die beweglichen

VERIFICATION AVANT ESSAIS

Vérifier les points indiqués sur l'illustration ci-dessous avant de procéder aux essais. Ces opérations sont importantes pour éviter les pannes et les accidents. La première opération à effectuer après avoir terminé la montage est de laisser tourner le moteur lentement durant environ 5 minutes en vérifiant en même temps le bon fonctionnement de la direction et du variateur de vitesse.



- 1 S'assurer que toute la boulonnerie, particulièrement les vis pointeau, est suffisamment serrée.
- 2 S'assurer du bon état de charge des batteries d'alimentation de l'émetteur.
- 3 S'assurer également que la batterie de propulsion a été suffisamment chargée, dans le cas contraire une perte de contrôle peut se produire du fait que la réception et le moteur utilisent la même source d'alimentation.
- 4 Régler la commande de direction, éventuellement avec le trim, de façon à ce que la voiture roule en ligne droit lorsque le manche est au neutre sur l'émetteur.
- 5 Double vérification du neutre du variateur. Un mauvais réglage peut provoquer une détérioration du variateur.
- 6 Vérifier soigneusement le câblage pour prévenir les ruptures ou les court-circuits; isoler les points douteux avec du ruban adhésif.
- 7 Appliquer de la graisse sur les paliers, les points de pivotement des suspensions, etc...

TROUBLESHOOTING

- 1 If the motor does not function (a rare occurrence), remove wires and check the motor by directly connecting its lead wires to a fresh battery.
- 2 Is the speed controller adjusted properly? Is wiring done properly? Read through manual included with your electronic speed controller unit.
- 3 Is the servo horn in the proper position? It must be fitted so that the model turns right and left the same amount.
- 4 Antenna must be adjusted correctly.
- 5 When shafts or wheels become entangled, motor will overheat. Remove such hindrances immediately.



- 6 If the radio control unit is not satisfactory, inquire with the manufacturer. The radio is very precisely constructed and must be handled with great care.

MAINTENANCE AFTER RUNNING

After operating the model, perform the following to maintain optimum performance.

- Completely remove sand, mud, dirt, etc.
- Apply grease on the suspension, gears, bearings, etc.

Teile der Aufhängung.

STÖRUNGEN UND URSACHEN

- 1 Wenn Motor nicht läuft, evtl. direkt an Batterie zum Prüfen anschließen.
- 2 Ist der Fahrregler genau eingestellt? Sind die Kabel genau gelegt? Die Anweisung nochmals genau durchlesen, auch die Anleitung für den elektronischen Fahrregler.
- 3 Das Servohorn überprüfen. Es muß so eingebaut sein, daß links und rechts gleichmäßiger Kurveneinschlag erfolgt.
- 4 Antenne ausrichten.
- 5 Wenn Gras oder Steinchen die Antriebsachsen blockieren, wird der Motor überhitzt. Blockierung sofort entfernen.



- 6 Wenn Funkanlage nicht richtig arbeitet, zum Fachhändler gehen - NICHT versuchen, SELBST zu reparieren.

NACH DEM FAHREN

Nach der Fahrt sollten folgende Wartungsarbeiten ausgeführt werden.

- Sand, Staub und allen Dreck entfernen.
- Aufhängung, Getriebe und Achslager ölen.

CAUSES DE MAUVAIS FONCTIONNEMENT

- 1 Si le moteur ne tourne pas (un cas rare...) le déconnecter et le tester directement en l'alimentant avec une pile neuve.
- 2 Le variateur de vitesse est-il correctement réglé? La connection est-elle correcte?
- 3 La palonnier du servo de direction est-il monté dans la bonne position? Il doit être positionné de façon à ce que le modèle tourne à droite et à gauche selon le même rayon.
- 4 Le fil d'antenne doit être correctement disposé.
- 5 Lorsque les axes ou les roues sont freinés dans leur rotation, le moteur surchauffe. Retirer immédiatement pareils obstacles.



- 6 Si l'ensemble R/C ne fonctionne pas correctement, contacter le S.A.V. du fabricant. Un ensemble de radiocommande est fabriqué avec une haute précision et doit être manipulé avec un grand soin.

MAINTENANCE APRES FONCTIONNEMENT

Après chaque séance de fonctionnement du modèle, effectuer les opérations suivantes pour conserver des performances maximum.

- Nettoyer entièrement les projections de poussière, de sable, de boue, etc...
- Appliquer de la graisse sur les suspensions, la pignonerie, les paliers, etc...

PARTS

Body×1
 Karosserie 1825060
 Carrosserie

Under cowl×1
 Untere Verkleidung 9805356
 Protection inférieure

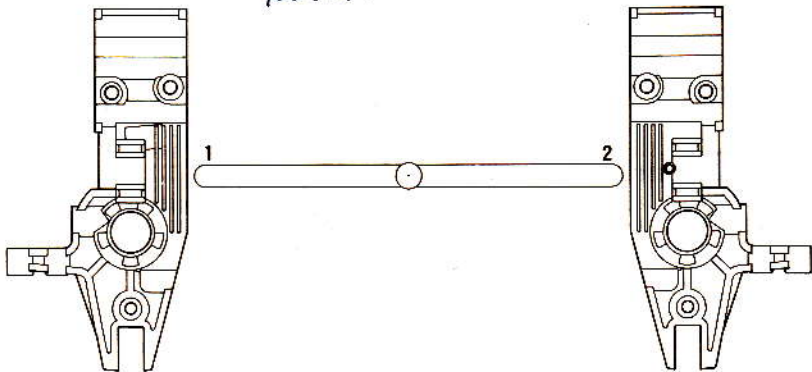
Sticker×1
 Motif adhésif 9495109

Wing×1
 Spoiler 9805356
 Aileron

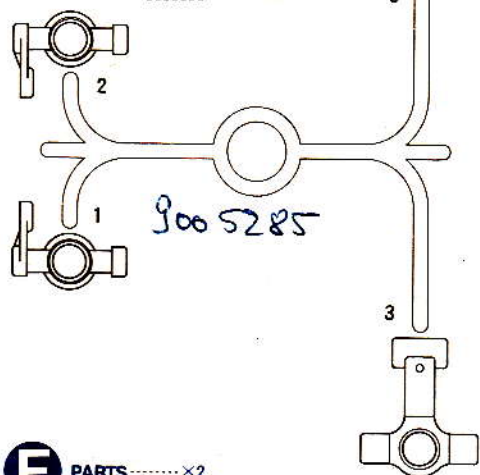
Tire×4
 Reifen 6215020
 Pneu

Antenna pipe×1
 Antennenrohr 6095001
 Gaine d'antenne

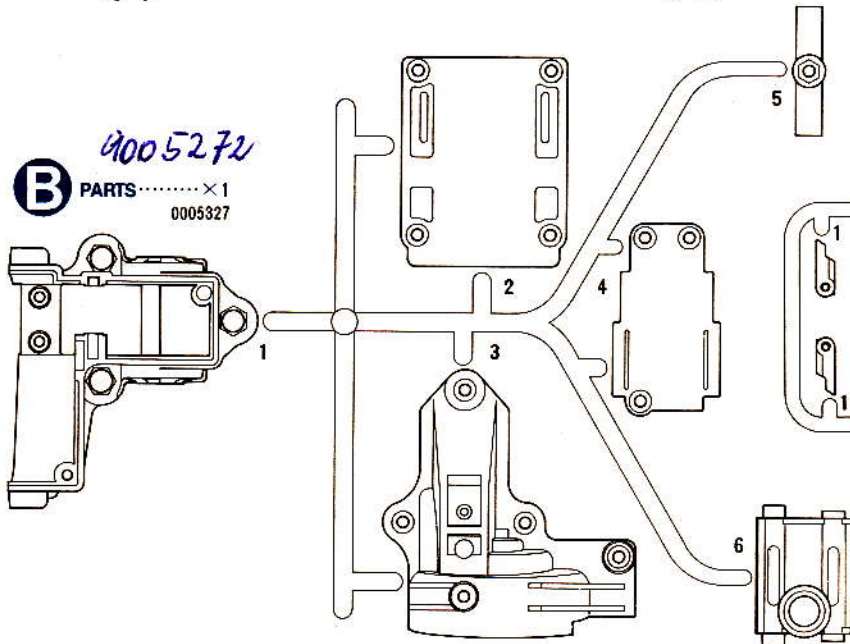
A PARTS×1
 0005326 9005271



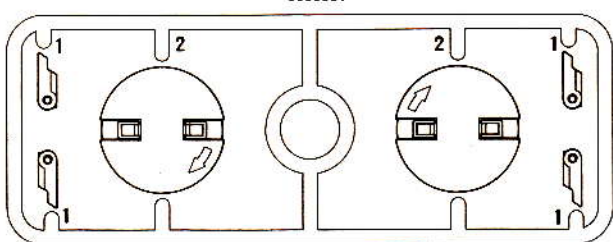
C PARTS×1
 0005338



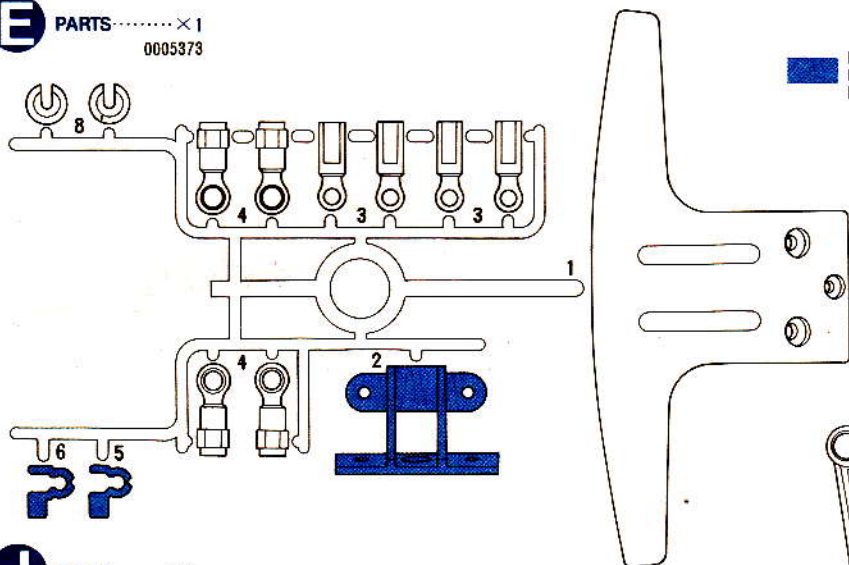
B PARTS×1
 0005327 9005272



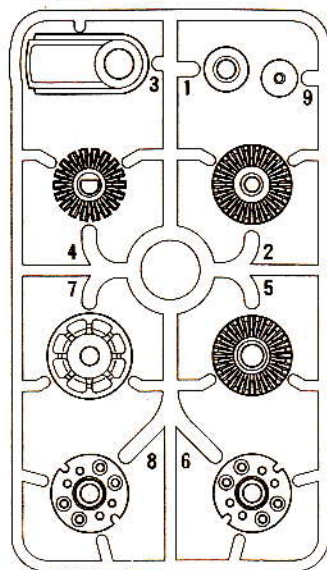
F PARTS×2
 0005331



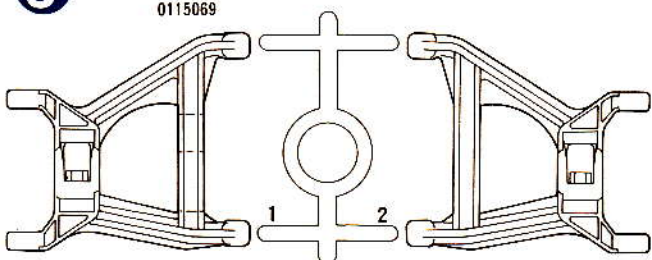
E PARTS×1
 0005373



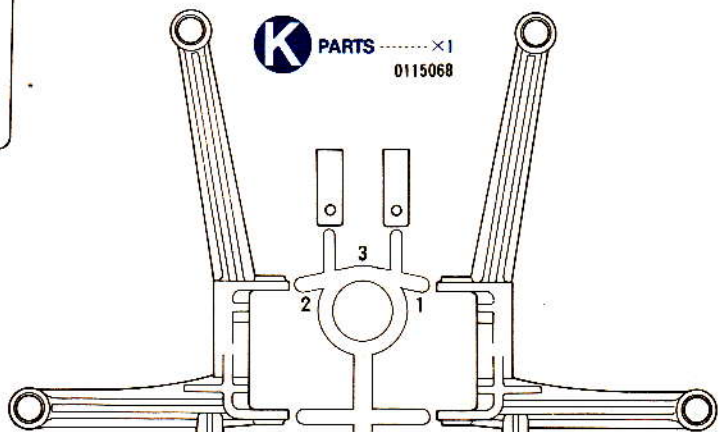
H PARTS×1
 0005333



J PARTS×1
 0115069



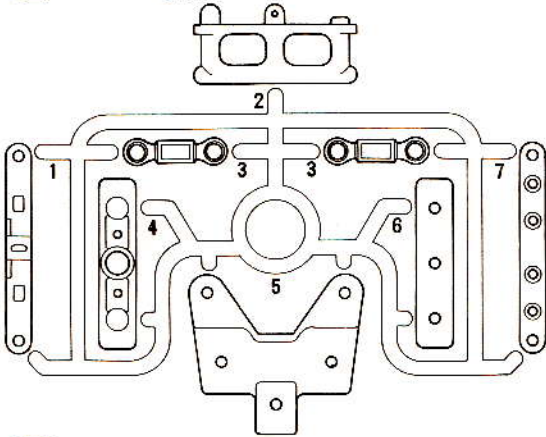
K PARTS×1
 0115068



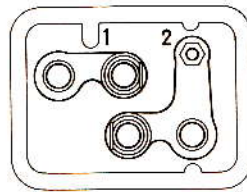
Not used.
 Nicht verwenden.
 Non utiliser.

PARTS

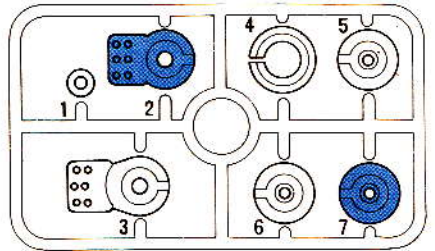
N PARTS×1
0115070



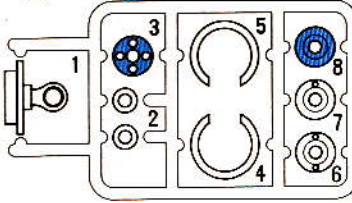
L PARTS×1
0115067



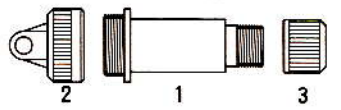
P PARTS×1
0115065



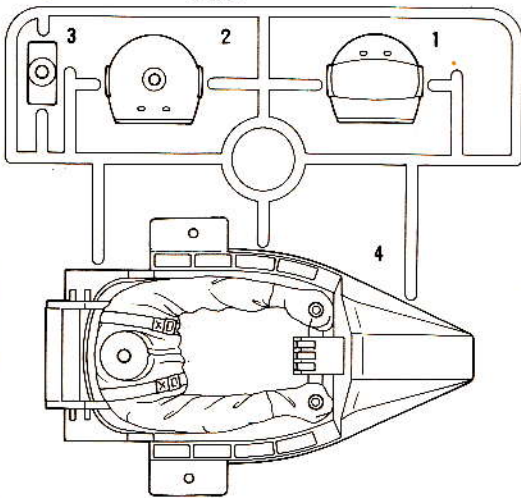
T PARTS×2
0225058



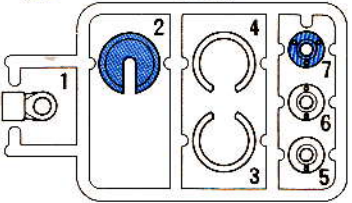
Y PARTS×2
0225059



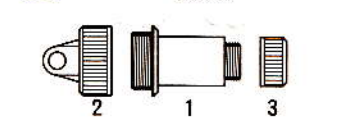
Z PARTS×1
0225062



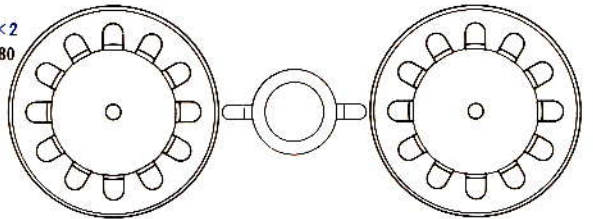
V PARTS×2
0225060



W PARTS×2
0225061



Wheel×2
Rad
Roue 9335080



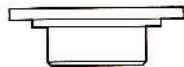
Not used.
Nicht verwenden.
Non utilisé.

SA BLISTER PACK BLISTER-VERPACKUNG EMBALLAGE SOUS BLISTER

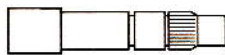
Upper deck×1
Oberes Deck 4025022
Châssis supérieur

Lower deck×1
Chassisboden 4025023
Châssis inférieur

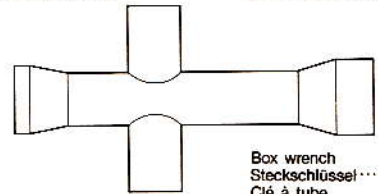
Propeller shaft×1
Schraubenwelle 3485025
Arbre de transmission



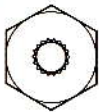
SA2 Pressure plate
.....×1
3455213
Druckplatte
Plaque de pression



SA3×1
2595049
Rear propeller joint
Hinteres Antriebs-Gelenk
Accouplement d'arbre de transmission arrière



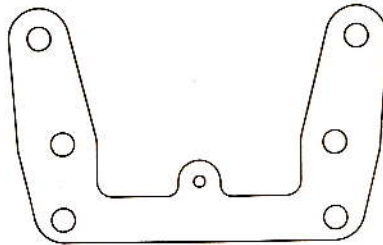
SA7×2
5005044
Front coil spring
Vordere Feder
Ressort hélicoïdal avant



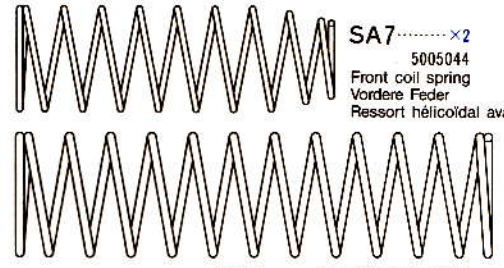
SA1 Wheel hub
.....×4
3425017
Radnabe
Moyeu de roue



SA4 Front propeller joint
.....×1
2595063
Vorderes Antriebs-Gelenk
Accouplement d'arbre de transmission avant



SA6×1
4305261
Front damper stay
Vordere Dämpferstrebe
Support d'amortisseur avant

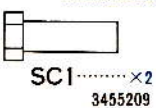


SA8×2
5005019
Rear coil spring
Hintere Feder
Ressort hélicoïdal arrière



SA5×2
4025024
Reinforcing plate
Verstärkungsplatte
Plaque de renfort

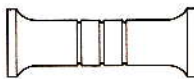
SC METAL PARTS BAG METALLTEILE-BEUTEL SACHET DE PIECES METALLIQUES



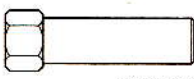
SC1×2
3455209
Tube nut
Rohrmutter
Tube-écrou



SC2×1
3455035
Antenna holder
Antennenhaltung
Support d'antenne



SC3×3
3455210
Chassis stay
Chassis-Strebe
Support de châssis

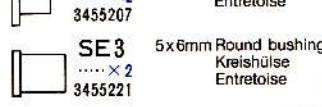


SC4×3
3455211
Hexagonal spacer
Sechskantlängstanzstück
Entretoise hexagonale

SE BUSHING BAG HÜLSEN-BEUTEL SACHET D'ENTRETOISES



SE1 Bushing base
.....×2
3455197
Hülse socket
Entretoise



SE2 5x4mm Round bushing
.....×2
3455207
Kreishülse
Entretoise



SE3 5x6mm Round bushing
.....×2
3455221
Kreishülse
Entretoise



SE4 5x6mm Hexagonal bushing
.....×2
3455256
Sechskanthülse
Entretoise hexagonale



SE5 Flange tube
.....×4
3455232
Kragenrohr
Tube à flasque



SE6 Damper mount (short)
.....×2
3455176
Dämpferlager (kurz)
Support d'amortisseur (court)

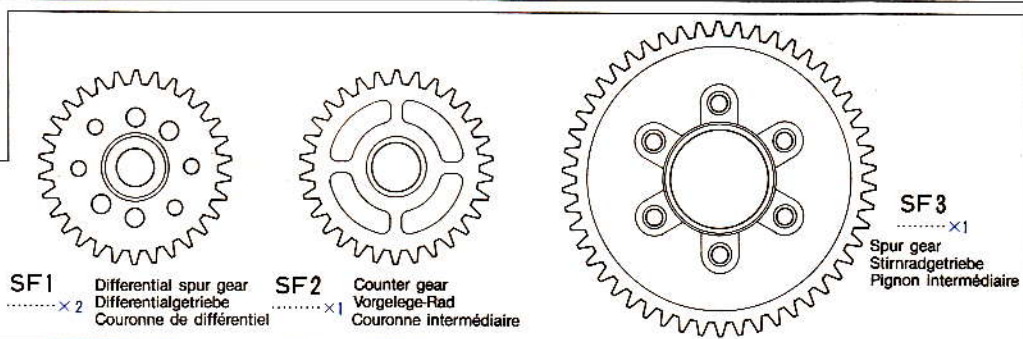


SE7 Damper mount (long)
.....×4
3455195
Dämpferlager (lang)
Support d'amortisseur (long)

PARTS

BLISTER PACK (A)
BLISTER-VERPACKUNG (A)
EMBALLAGE SOUS BLISTER (A)

SF GEAR BAG
ZAHNRAD-BEUTEL
SACHET DE PIGNONNERIE
 9335053



SF1x2 Differential spur gear
 Differentialgetriebe
 Couronne de différentiel

SF2x1 Counter gear
 Vorgelege-Rad
 Couronne intermédiaire

SF3x1 Spur gear
 Stirnradgetriebe
 Pignon intermédiaire

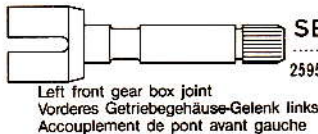
SB BLISTER PACK (B)
BLISTER-VERPACKUNG (B)
EMBALLAGE SOUS BLISTER (B)

Motorx1
 Moteur

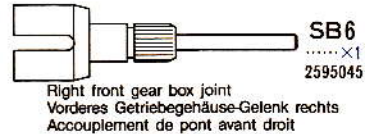
SB4x1 20T Pinion gear
 3515013 20Z Motoritzel
 Pignon moteur 20 dents



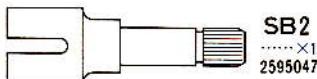
SB1x2 Drive shaft
 4135027 Antriebswelle
 Arbre d'entraînement



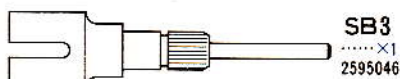
SB5x1 Left front gear box joint
 2595044 Vorderes Getriebegehäuse-Gelenk links
 Accouplement de pont avant gauche



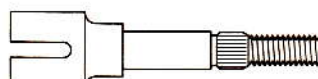
SB6x1 Right front gear box joint
 2595045 Vorderes Getriebegehäuse-Gelenk rechts
 Accouplement de pont avant droit



SB2x1 Right rear gear box joint
 2595047 Hinteres Getriebegehäuse-Gelenk rechts
 Accouplement de pont arrière droit



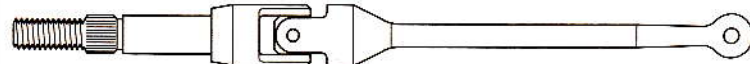
SB3x1 Left rear gear box joint
 2595046 Hinteres Getriebegehäuse-Gelenk links
 Accouplement de pont arrière gauche



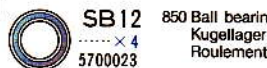
SB7x2 Wheel axle
 2595050 Rad-Achse
 Axe de roue



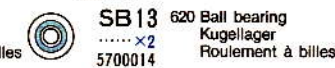
SB11x4 1680 Ball bearing
 5700020 Kugellager
 Roulement à billes



SB8x2 Universal shaft
 4135026 Universalwelle
 Cardan



SB12x4 850 Ball bearing
 5700023 Kugellager
 Roulement à billes



SB13x2 620 Ball bearing
 5700014 Kugellager
 Roulement à billes



SB9x1 Left upright
 5485007 Achsschenkel links
 Bras de direction gauche



SB10x1 Right upright
 5485008 Achsschenkel rechts
 Bras de direction droit

SG DIFFERENTIAL GEAR BAG
DIFFERENTIALGETRIEBE-BEUTEL
SACHET DE PIGNONS DIFFERENTIELS
 9405431

SG1x8 8T Gear
 3505017 8Z Getriebe
 Pignon 8 dents

SG2x4 14T Gear
 3505016 14Z Getriebe
 Pignon 14 dents

SD DIFFERENTIAL PARTS BAG
DIFFERENTIALTEILE-BEUTEL
SACHET DE PIÈCES DIFFÉRENTIEL
 9405432

SD1x2 5mm Thrust washer
 5700011 Druckscheibe
 Rondelle de butée

SD2x1 Ball thrust bearing
 5700013 Druckkugellager
 Butée à billes

SD3x6 3mm Steel ball
 5700038 Stahlkugel
 Bille en acier

SD4x1 Center cap
 3455214 Zentral-Kappe
 Bague de centrage

SD5x1 2x8mm Cap screw
 2040002 Zylinderkopfschraube
 Vis pointeau

SD6x1 2mm Spring washer
 2310006 Federscheibe
 Rondelle ressort

SD7x5 5mm Disk spring
 2310005 Tellerfeder
 Rondelle belleville

SD8x2 17mm Thrust washer
 5700016 Druckscheibe
 Rondelle de butée

SP BALL CONNECTOR BAG
KUGELKOPF-BEUTEL
SACHET DE CONNECTEURS A ROTULE
 9405589

SP1x2 5x9mm Ball connector
 3455130 Kugelkopf
 Connecteur à rotule

SP2x2 5x5mm Ball connector
 3455137 Kugelkopf
 Connecteur à rotule

SP3x1 4mm Ball connector
 3455037 Kugelkopf
 Connecteur à rotule

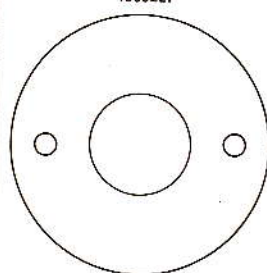
SP4x4 6mm Ball nut
 3455235 Kugelmutter
 Ecrou à rotule

SP5x2 5mm Ball nut
 3455250 Kugelmutter
 Ecrou à rotule

METAL PARTS SMALL BOX
KLEINE SCHACHTEL METALL-TEILE
PETITE BOITE DE PIÈCES MÉTALLIQUES

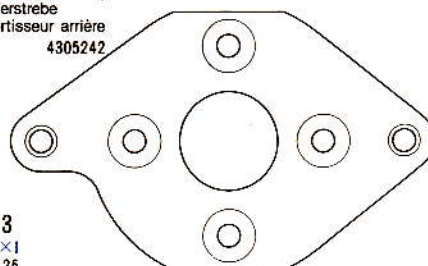
BP PRESS PARTS BAG
PRESSTEILE-BEUTEL
SACHET DE PIÈCES EMBOUTIES
 9405584

BP1x2 Gear box plate
 4305227 Getriebedeckel
 Plaque de réducteur



BP3x1 Motor plate
 4305125 Motor-Platte
 Plaque-moteur

BP2x1 Rear damper stay
 4305242 Hintere Dämpferstrebe
 Support d'amortisseur arrière



BP4x1 Motor mount
 4305243 Motor-Lager
 Support-moteur

BP5x1 Left front stabilizer holder
 4305222 Vorderer Stabilisator-Halter links
 Support gauche de la barre anti-roulis avant



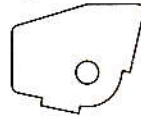
BP7x1 Left rear stabilizer holder
 4305244 Hinterer Stabilisator-Halter links
 Support gauche de la barre anti-roulis arrière



BP2x1 Steering plate
 4305260 Lenkerplatte
 Plaque de direction



BP6x1 Right front stabilizer holder
 4305223 Vorderer Stabilisator-Halter rechts
 Support droit de la barre anti-roulis avant



BP8x1 Right rear stabilizer holder
 4305245 Hinterer Stabilisator-Halter rechts
 Support droit de la barre anti-roulis arrière

PARTS

METAL PARTS SMALL BOX KLEINE SCHACHTEL METALLTEILE PETITE BOITE DE PIÉCES MÉTALLIQUES

BT TOOL BAG WERKZEUG-BEUTEL SACHET D'OUTILLAGE 9405582

Double sided tape.....x1
Doppelklebeband 1905005
Adhésif double face

Velcro tape.....x2
Klettband 1905007
Bande velcro

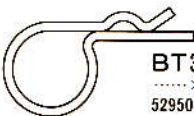
Nylon band.....x2
Nylonband 6305006
Collier en nylon



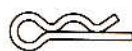
BT1 850 Metal bearing
Metall-Lager
Palier en métal
.....x8
5725008



BT2 8mm Ball
Kugel
Bille
.....x4
3455230



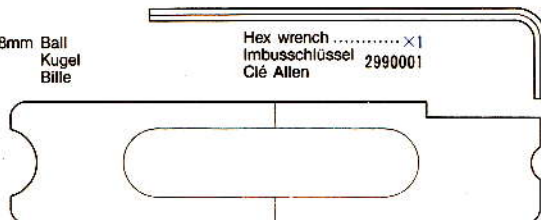
BT3 Snap pin (large)
Federstift (groß)
Épingle métallique (grande)
.....x3
5295006



BT4 Snap pin (small)
Federstift (klein)
Épingle métallique (petite)
.....x3
2915001



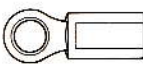
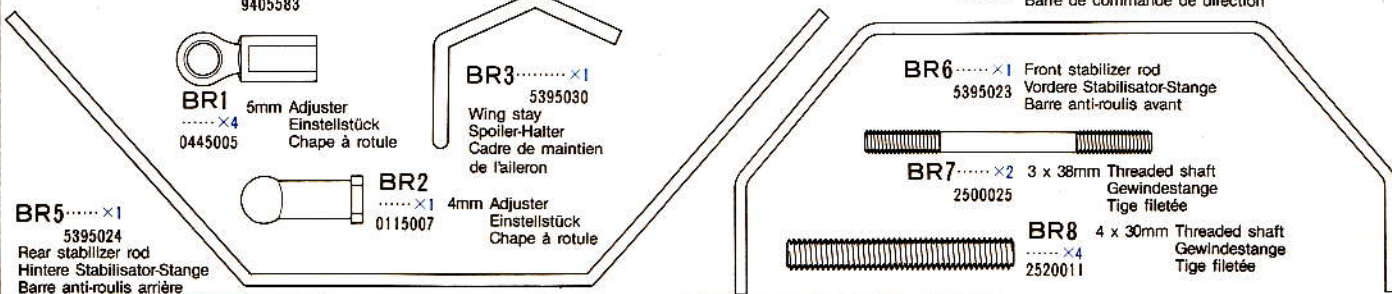
Grease
Fett
Graisse
.....x1
6435019



Hex wrench.....x1
Imbusschlüssel 2990001
Clé Allen

Tool for E-Ring
Werkzeug für E-Ring
Outil pour circlip
.....x1
4305199

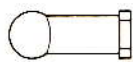
BR ROD BAG GESTÄNGE-BEUTEL SACHET DE TRINGLIERIES 9405583



BR1 5mm Adjuster
Einstellstück
Chape à rotule
.....x4
0445005



BR3.....x1
5395030
Wing stay
Spoiler-Halter
Cadre de maintien
de l'aileron



BR2.....x1
0115007
4mm Adjuster
Einstellstück
Chape à rotule

BR5.....x1
5395024
Rear stabilizer rod
Hintere Stabilisator-Stange
Barre anti-roulis arrière

BR4.....x1 Steering rod
Lenkstange
Barre de commande de direction
5315013

BR6.....x1 Front stabilizer rod
Vordere Stabilisator-Stange
Barre anti-roulis avant
5395023

BR7.....x2 3 x 38mm Threaded shaft
Gewindestange
Tige filetée
2500025

BR8 4 x 30mm Threaded shaft
Gewindestange
Tige filetée
.....x4
2520011

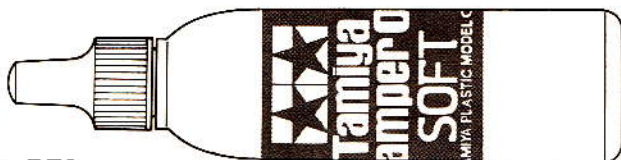
BF DAMPER BAG DÄMPFER-BEUTEL SACHET D'AMORTISSEURS 9405586



BF1.....x2
6275017
Oil seal (black)
Ölabdichtung (schwarz)
Joint d'étanchéité (noir)



BF2.....x2
6275020
Oil seal (gray)
Ölabdichtung (grau)
Joint d'étanchéité (gris)



BF3.....x2 Front damper shaft
Vordere Dämpferstange
Axe d'amortisseur avant
3455194

BF4.....x2 Rear damper shaft
Hintere Dämpferstange
Axe d'amortisseur arrière
3455168

BF5.....x12 3mm O-Ring
Joint torique
2995006

6435027 Damper oil
Dämpfer-Öl
Huile pour amortisseurs
.....x1

BA SCREW BAG SCHRAUBENBEUTEL SACHET DE VIS 9465358

BA1.....x12 3mm Nut
Mutter
Écrou
2200008

BA2.....x18 3mm Flange nut
Kragenmutter
Écrou à flasque
2230001

BA3.....x10 3mm Washer
Beilagscheibe
Rondelle
2300007



BA4.....x8 3 x 10mm Screw
Schraube
Vis
2000027



BA5.....x4 3 x 15mm Screw
Schraube
Vis
2000028



BA6.....x10 3 x 20mm Screw
Schraube
Vis
2000029

BM MOUNT BAG HALTER-BEUTEL SACHET DE FIXATIONS 9405585

BM1.....x2 Tapered bushing
Kegel-Hülse
Entretoise
3455234

BM2.....x2 Wing mount
Spoilerhalterung
Support d'aileron
3455238



BM3.....x1 Under cowl mount
Halterung für untere Verkleidung
Support de protection inférieure
3455243



BM4.....x3 Body mount
Karosserie-Halter
Support de carrosserie
2685016

BB SCREW BAG SCHRAUBENBEUTEL SACHET DE VIS 9465359

BB1.....x12 2mm E-Ring
Circlip
2320002

BB2.....x2 Wing washer
Spoilerscheibe
Rondelle d'aileron
2305003

BB3.....x25 3 x 10mm Tapping screw
Schraube
Vis
2080011



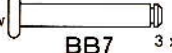
BB4.....x13 3 x 8mm Tapping screw
Schraube
Vis
2080009



BB5.....x1 3 x 10mm Tapping screw
Schraube
Vis
2080028



BB6.....x2 3 x 15mm Tapping screw
Schraube
Vis
2080014



BB7.....x4 3 x 19mm Link pin
Lenkerbolzen
Axe d'articulation
2685035

BD SCREW BAG SCHRAUBENBEUTEL SACHET DE VIS 9465361

BD1.....x5 3mm Grub screw
Madenschraube
Vis pointeau
2070002

BD2.....x6 2mm Nut
Mutter
Écrou
2200012

BD3.....x5 4mm E-Ring
Circlip
2320005



BD4.....x8 2 x 11mm Screw pin
Schraubzapfen
Vis décollée
2685031



BD5.....x6 2 x 6mm Screw
Schraube
Vis
2000006



BD6.....x8 2 x 6mm Screw
Schraube
Vis
2020016



BD7.....x6 2mm Spring washer
Federscheibe
Rondelle ressort
2310006

BC SCREW BAG SCHRAUBENBEUTEL SACHET DE VIS 9465360

BC1.....x12 3x10mm Step screw
Paßschraube
Vis décollée
2090012

BC2.....x2 3x6mm Screw
Schraube
Vis
2020023

BC3.....x19 3x8mm Screw
Schraube
Vis
2020015



BC4.....x2 3 x 12mm Screw
Schraube
Vis
2020024



BC5.....x4 3 x 18mm Screw
Schraube
Vis
2020018



BC6.....x2 3 x 25mm Screw
Schraube
Vis
2020025

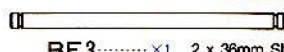


BC7.....x2 3 x 42mm Screw
Schraube
Vis
2020022

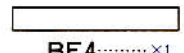
BE SCREW BAG SCHRAUBENBEUTEL SACHET DE VIS 9465362

BE1.....x2 3mm E-Ring
Circlip
2320008

BE2.....x1 5 x 24mm Shaft
Achse
Axe
3485024



BE3.....x1 2 x 36mm Shaft
Achse
Axe
3482002



BE4.....x1 3 x 22mm Tube
Rohr
3580033



BE5.....x5 2.6 x 10mm Tapping screw
Schraube
Vis
2080008

* Extra screws and nuts are included. Use them as spares.
* Ersatzschrauben und -muttern liegen bei.
* Des vis et des écrous supplémentaires sont inclus. Les utiliser comme pièces de rechange.

