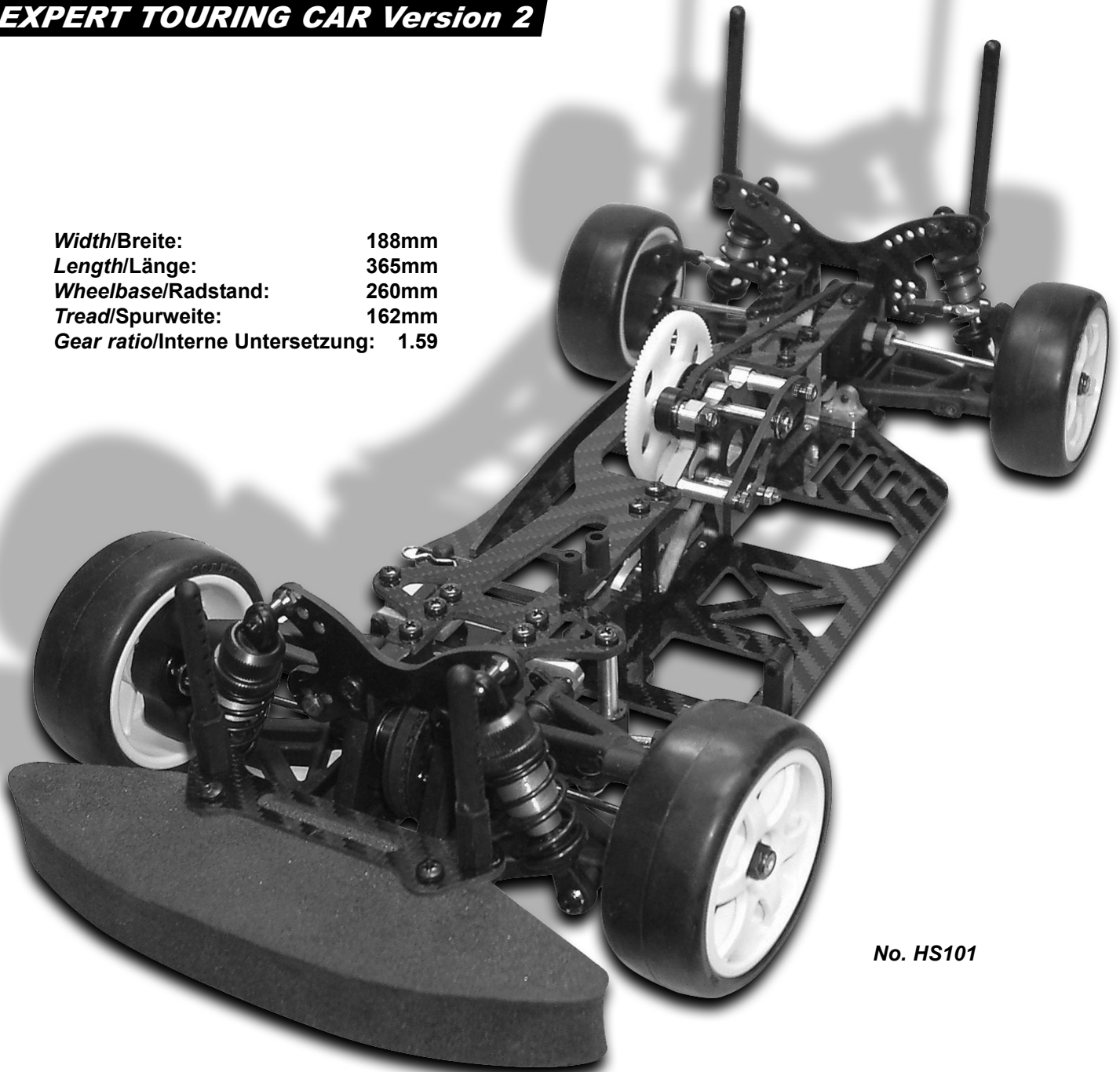


# ETC V2

## EXPERT TOURING CAR Version 2

**Width/Breite:** 188mm  
**Length/Länge:** 365mm  
**Wheelbase/Radstand:** 260mm  
**Tread/Spurweite:** 162mm  
**Gear ratio/Interne Untersetzung:** 1.59



No. HS101

**BAUANLEITUNG**  
**INSTRUCTION MANUAL**

**Robitronic**  
Power for winners

## REQUIRED FOR OPERATION / NICHT IM LIEFERUMFANG ENTHALTEN

- ① 2 Channel Radio Controller Unit  
2 Kanal Fernsteuerung Set



- ② UM-3 Batteries (8pcs)  
Mignon Akkus (8Stk.)



- ③ Charger for Batteries  
Ladegerät für Akkus



- ④ 7.2V Ni-Cd or Ni-MH Battery  
7,2V Ni-Cd oder Ni-MH Akku



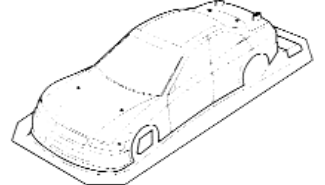
- ⑥ Speed Controller  
Fahrtenregler



- ⑤ Electric Motor (540 type)  
Elektromotor

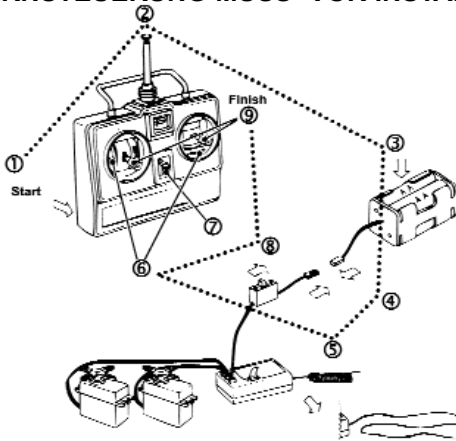


- ⑦ Touring Car Body (190mm)  
Tourenwagen Karosserie (190mm)



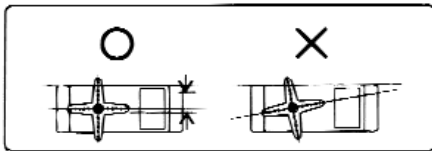
\* Carefully read the instruction manual of your 2 channel radio controller before using.  
\* Lesen Sie bitte vor Benützung die Gebrauchsanweisung Ihres Senders.

## RADIO MUST BE SET AT NEUTRAL POSITION BEFORE INSTALLING IN THE KIT. FERNSTEUERUNG MUSS VOR INSTALLATION AUF NEUTRAL POSITION STEHEN.



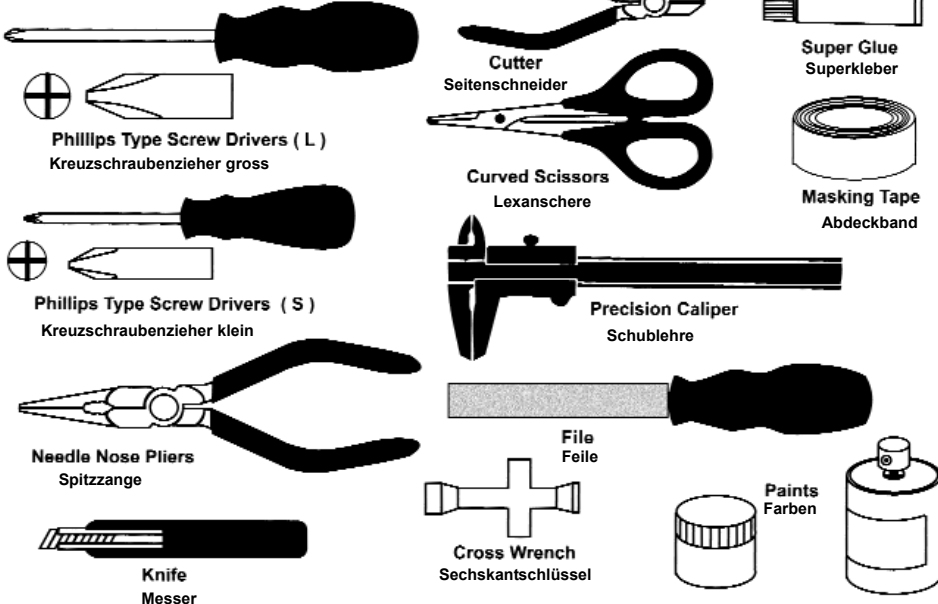
### SEQUENCE TO SET NEUTRAL    SCHRITTE ZUR NEUTRALEINSTELLUNG

- |   |  |
|---|--|
| ① Install transmitter batteries.  | 1) Senderbatterie einsetzen  |
| ② Extend the antenna.(Transmitter)  | 2) Antenne herausziehen  |
| ③ Install receiver batteries .  | 3) Empfängerakkus einsetzen  |
| ④ After installing the battery, connect the battery box.                          | 4) Empfängerbatterie mit Empfänger verbinden   |
| ⑤ Extend the antenna. (Receiver)  | 5) Empfängerantenne auslegen   |
| ⑥ Set the trim-level at center.   | 6) Trimmung auf Mittelstellung   |
| ⑦ Turn on the switch. (Transmitter)   | 7) Sender einschalten  |
| ⑧ Turn on the switch. (Receiver)  | 8) Empfänger einschalten   |
| ⑨ Make sure the servos are in command.  | 9) Vergewissern Sie sich, dass die Servos funktionieren  |
| ⑩ When the operation stick is in neutral, servo horns must be in neutral as well. | 10) Bei Neutralstellung des Senders müssen die Ruderhörner des Servos ebenfalls in Neutralstellung sein. |
|   | * Ruderhörner nejustieren falls nicht in Neutralstellung   |
| ⑪ Turn off the switch. (Receiver)   | 11) Empfänger ausschalten  |
| ⑫ Turn off the switch. (Transmitter)  | 12) Sender ausschalten   |
| ⑬ Retract the antenna. (Transmitter)  | 13) Senderantenne einschieben  |

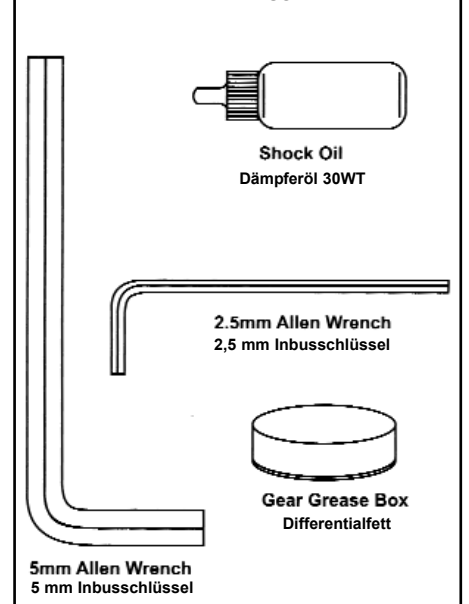


\*Adjustment can be made by re-installing the servo horn.

## TOOLS NOT INCLUDED IN KIT NICHT IM BAUSATZ ENTHALTEN



## INCLUDED WITH KIT IM BAUSATZ ENTHALTEN

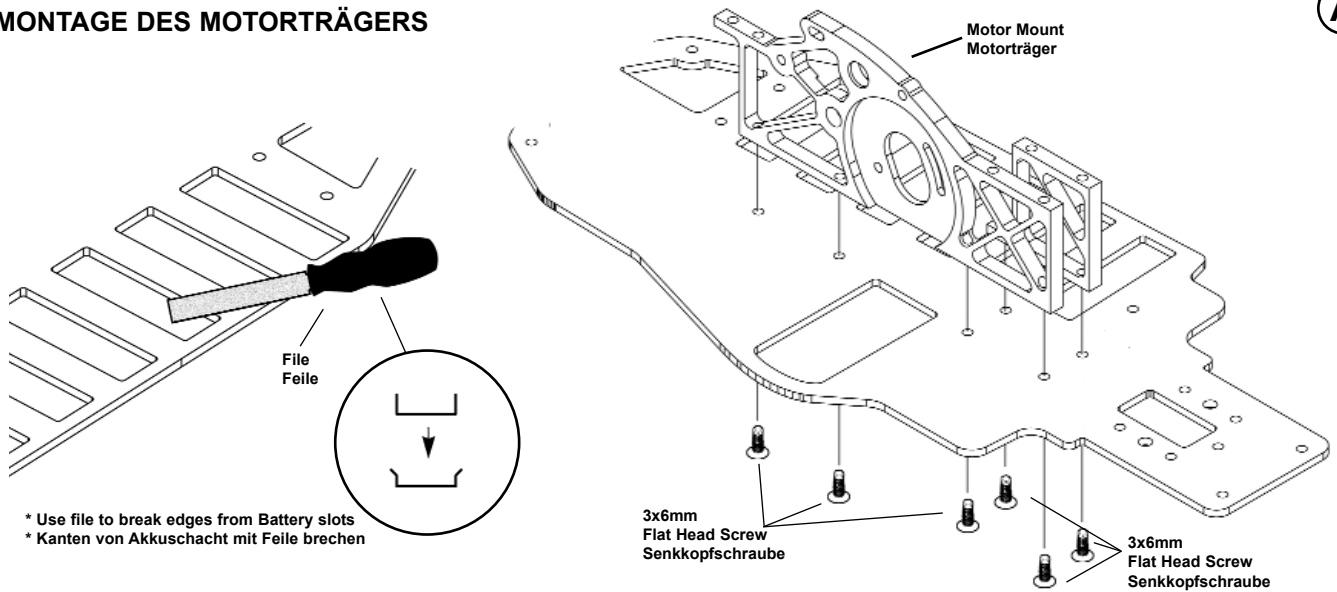


Note! Some pictures are only symbolic and can slightly different from the original.

Bitte beachten Sie! Manche Grafiken sind nur Symbolbilder und können sich vom Original geringfügig unterscheiden.

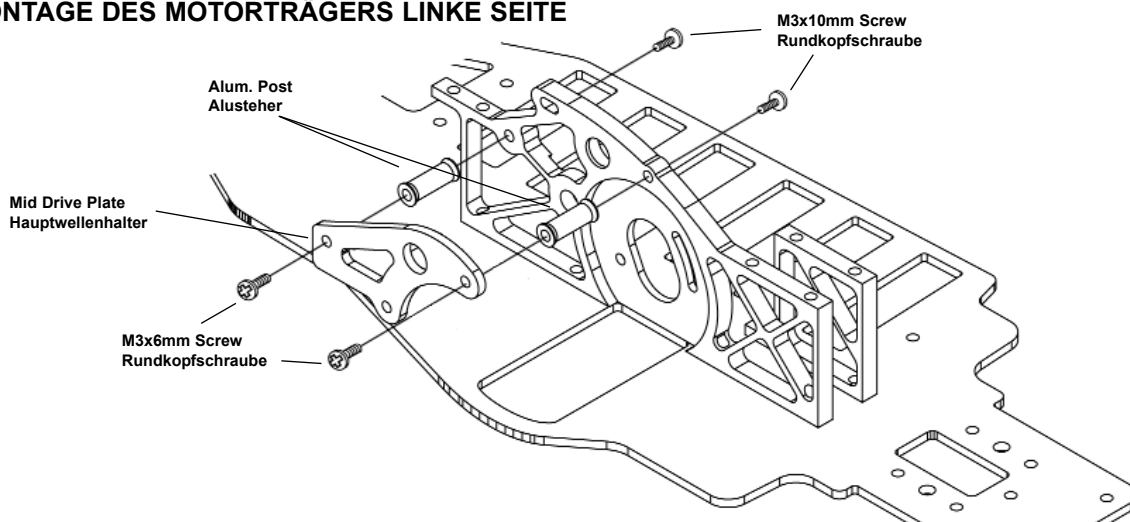
### 1) ASSEMBLY OF THE MOTOR MOUNT MONTAGE DES MOTORTRÄGERS

A



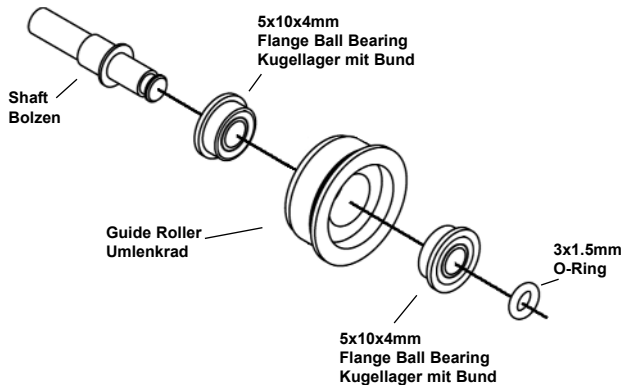
### 2) ASSEMBLY OF THE MOTOR MOUNT LEFT-SIDE MONTAGE DES MOTORTRÄGERS LINKE SEITE

A



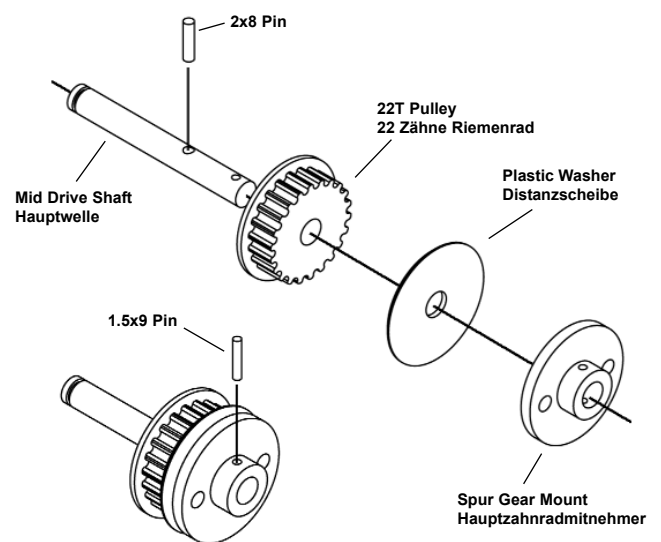
### 3) ASSEMBLY OF THE GUIDE ROLLER MONTAGE DER UMLENKROLLE

A



### 4) ASSEMBLY OF THE MID DRIVE SHAFT MONTAGE DER HAUPTWELLE

A

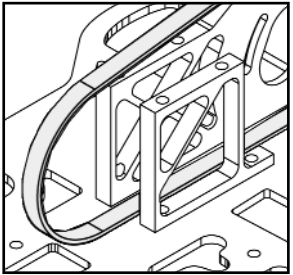
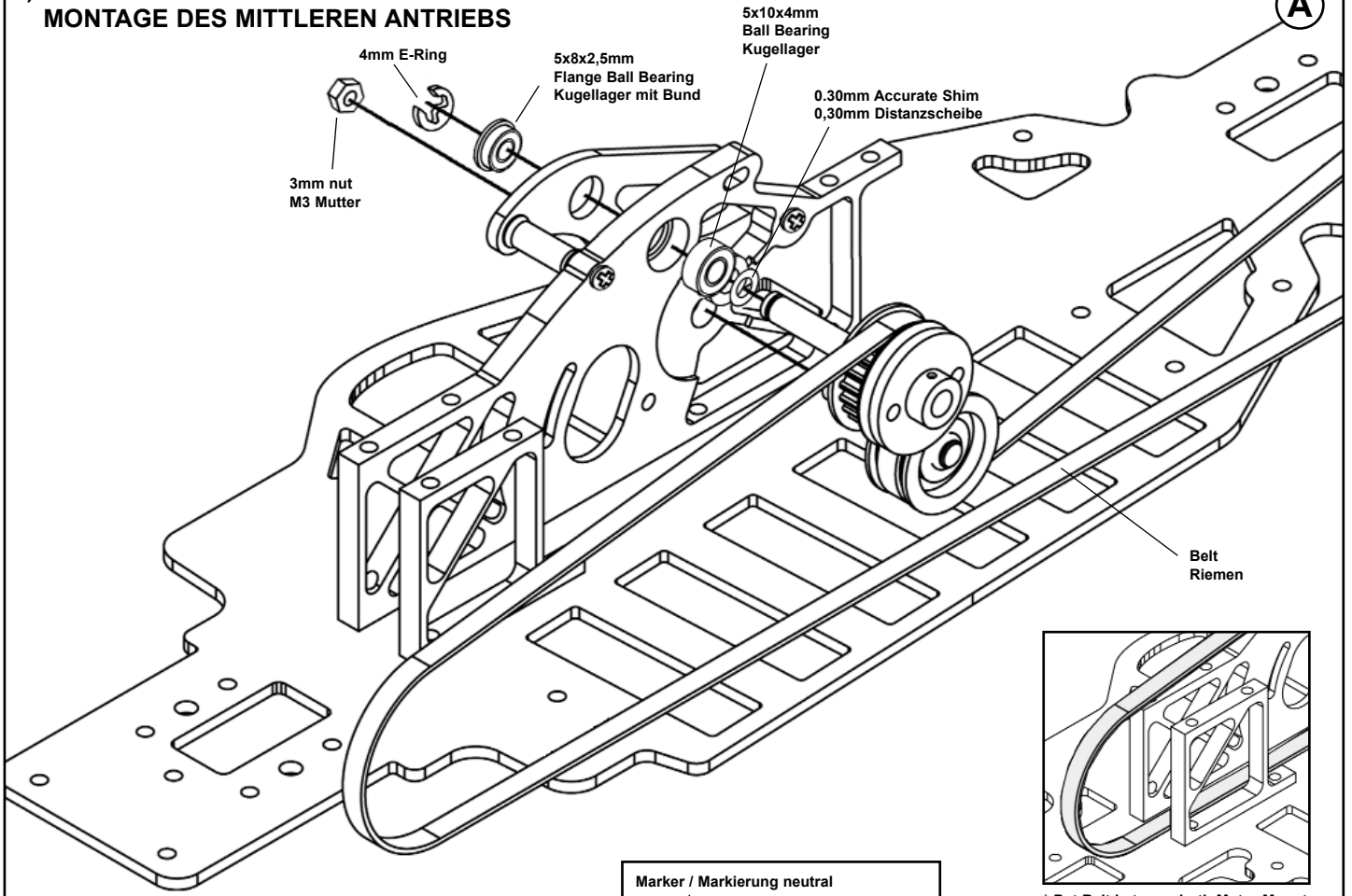


\* Use 2x M3x6mm Screw for the Spur Gear (Page 20)

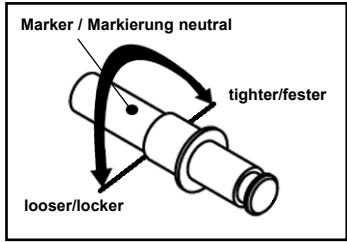
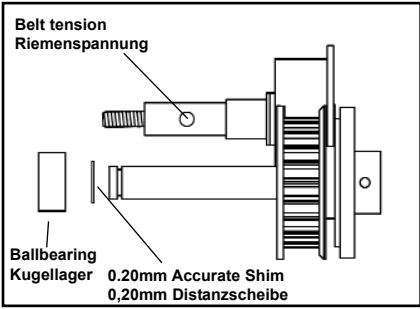
\* 2x M3x6mm Rundkopfschrauben für das Hauptzahnrad verwenden (Seite 20)

## 5) ASSEMBLY OF THE MID DRIVE MONTAGE DES MITTLEREN ANTRIEBS

A



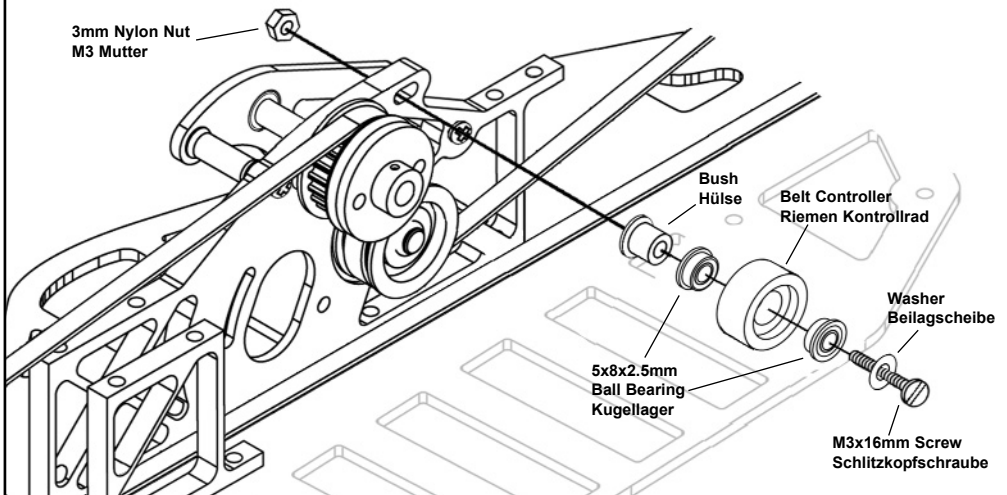
\* Put Belt between both Motor Mounts  
\* Riemen muß zwischen beiden Motorblocks laufen



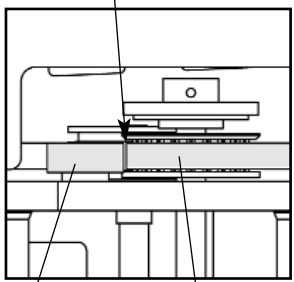
\* Fine adjustment for belt tension.  
Never turn the excentric shaft more than 90 deegres.  
\* Verwenden Sie die Exzenterscheibe nur zum Feinjustieren des Riemens. Verstellen Sie die Welle nie mehr als 90°, wenn die Markierung oben ist.

## 6) ASSEMBLY OF THE BELT CONTROLLER MONTAGE DES RIEMEN KONTROLLRADES

A



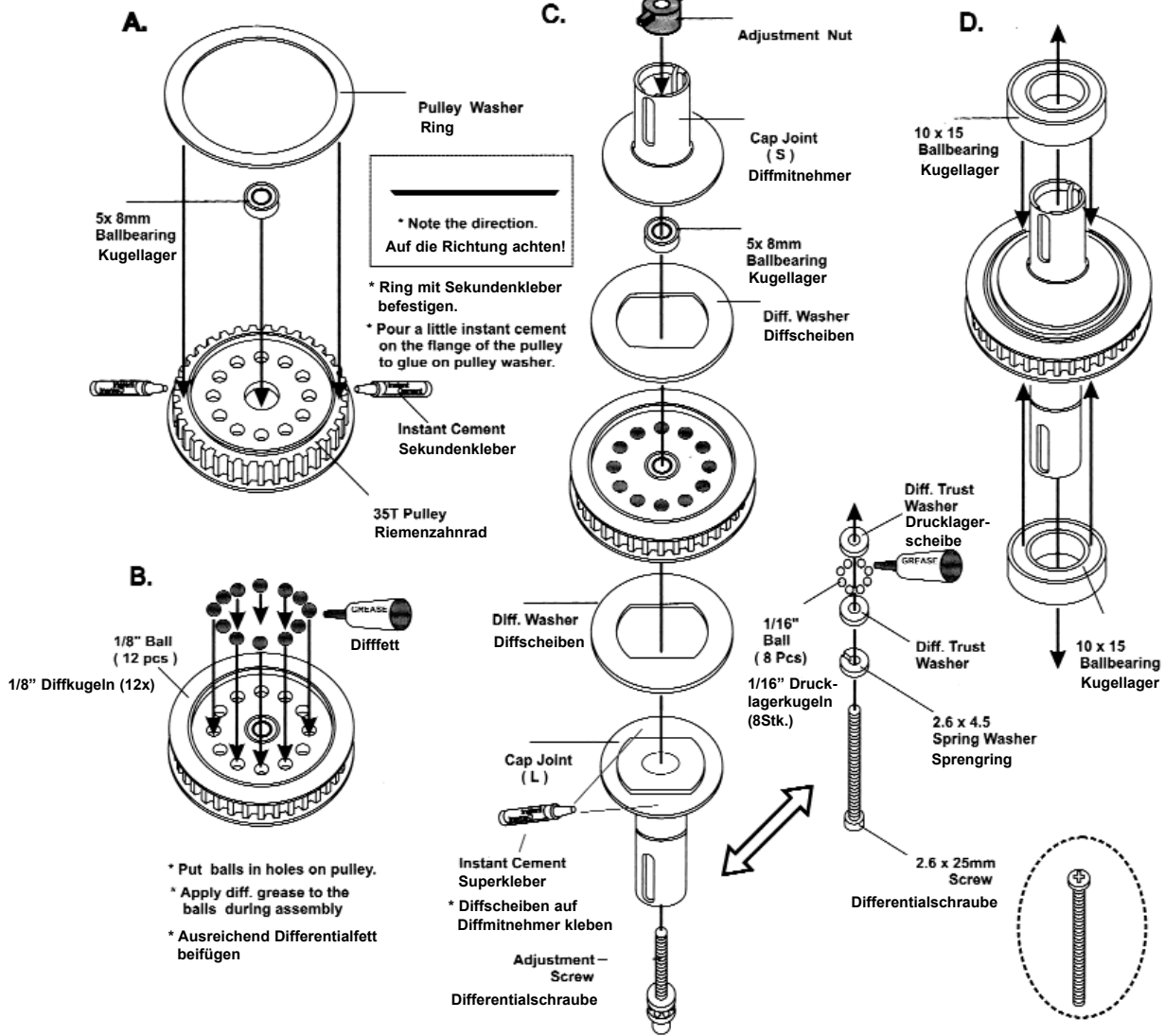
\* Adjust 0.5mm between the ball bearing and the belt  
\* Stellen Sie ca. 0,5mm Abstand zwischen Kugellager und Riemen ein



Belt Controller Riemen Kontrollrad  
Belt Riemen

## 7) BALL DIFFERENTIAL ASSEMBLY (Builds 2 differentials) MONTAGE DES KUGELDIFFERENTIALS (2x)

B

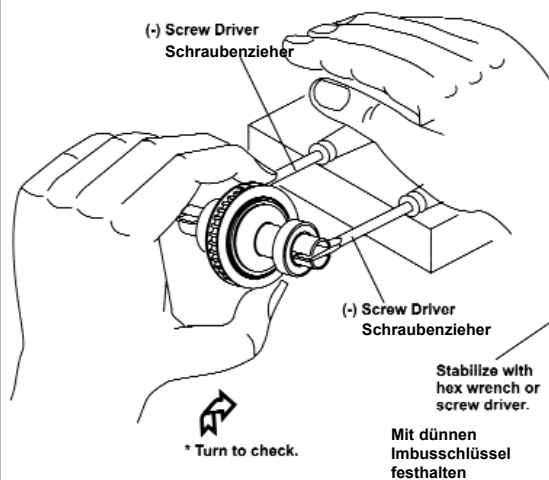


## CHECKING BALL DIFFERENTIAL

"A"

Hold both cap joints with screw drivers and try to turn the differential gear.  
If the differential gear moves too freely or is over tight make adjustments as shown in next step.

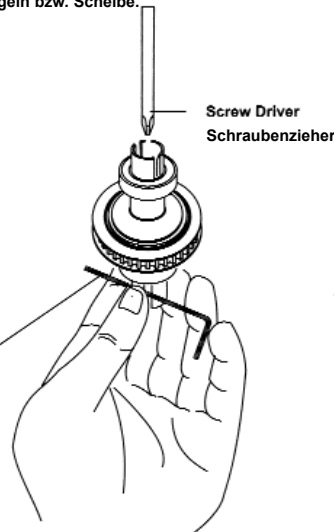
Stecken Sie 2 Schraubenzieher in die Schlitz und versuchen Sie das Riemenrad zu drehen.  
Wenn sich das Riemenrad leicht dreht oder zu streng ist gehen sie wie Schritt B vor.



"B"

Adjusting the hex screw with a phillips screw driver (small) will tighten or loosen the ball differential. Please note that if this screw is over tightened or the ball differential moves too freely damage may occur to the balls and the diff. washer. (Please check very carefully)

Durch verstellen der Differentialschraube können Sie das Diff locker oder strenger einstellen. Bitte vorsichtig einstellen, sonst beschädigen Sie die Kugeln bzw. Scheibe.



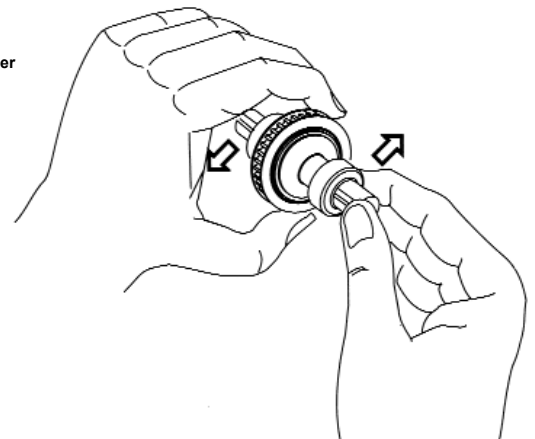
"C"

To test the effectiveness of the ball differential hold the gear tightly with one hand and turn one cap joint.

Does the other cap joint move in the opposite direction?

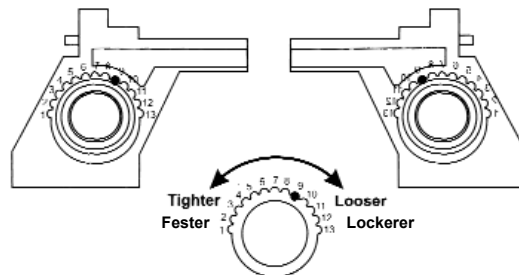
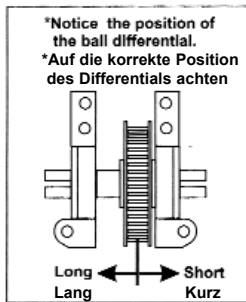
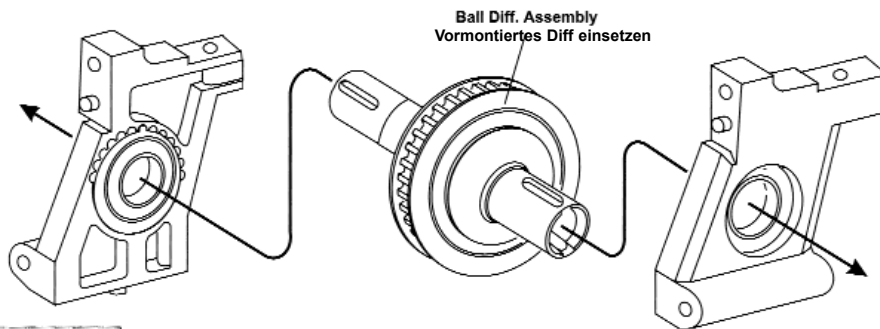
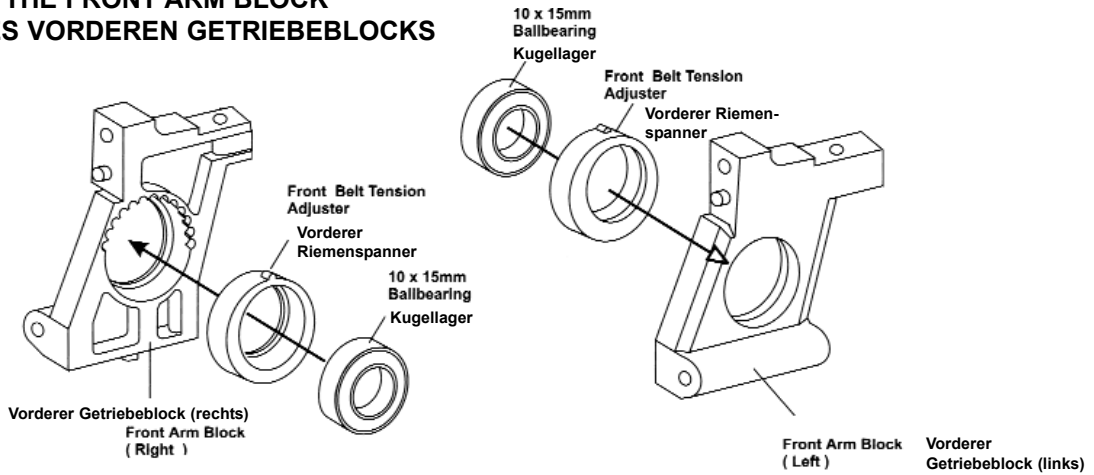
By tightening the adjustment screw the effectiveness of the ball differential will be lost.

Um das Differential zu testen, halten Sie mit einer Hand das Riemenrad und drehen an einem der Diffmitnehmer. Die Diffmitnehmer müssen sich entgegengesetzt drehen.



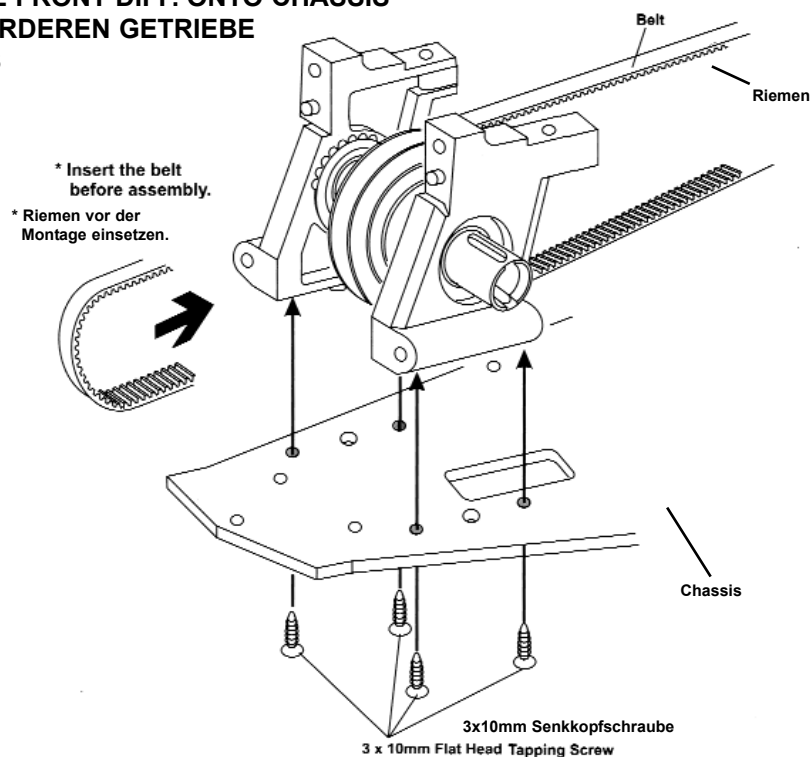
## 8) ASSEMBLY OF THE FRONT ARM BLOCK MONTAGE DES VORDEREN GETRIEBEBLOCKS

C

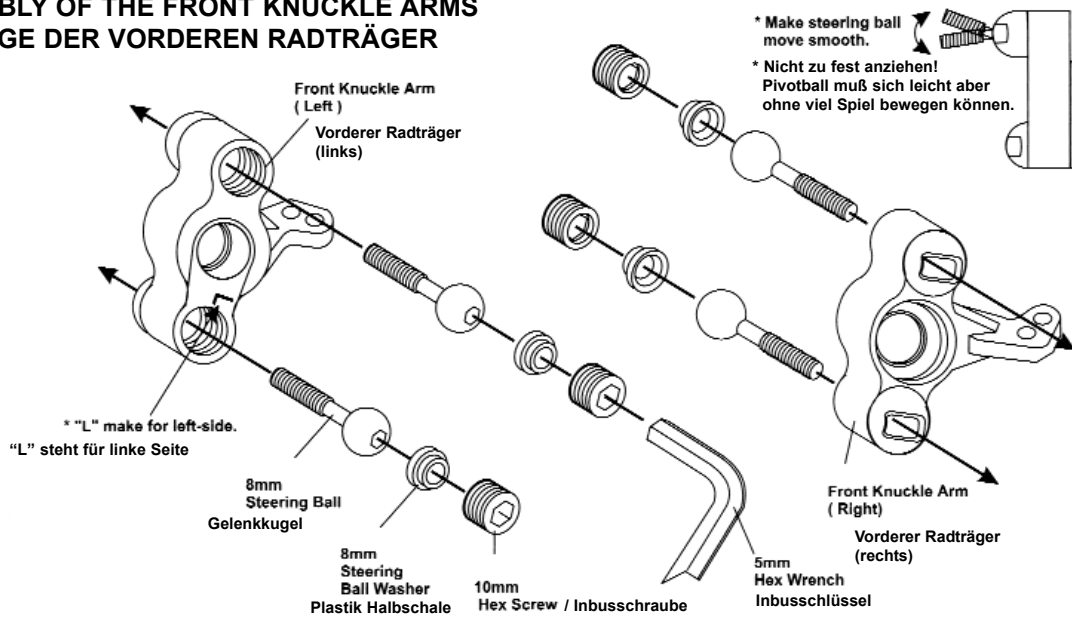


## 9) ASSEMBLY OF THE FRONT DIFF. ONTO CHASSIS MONTAGE DES VORDEREN GETRIEBE AUF DAS CHASSIS

C

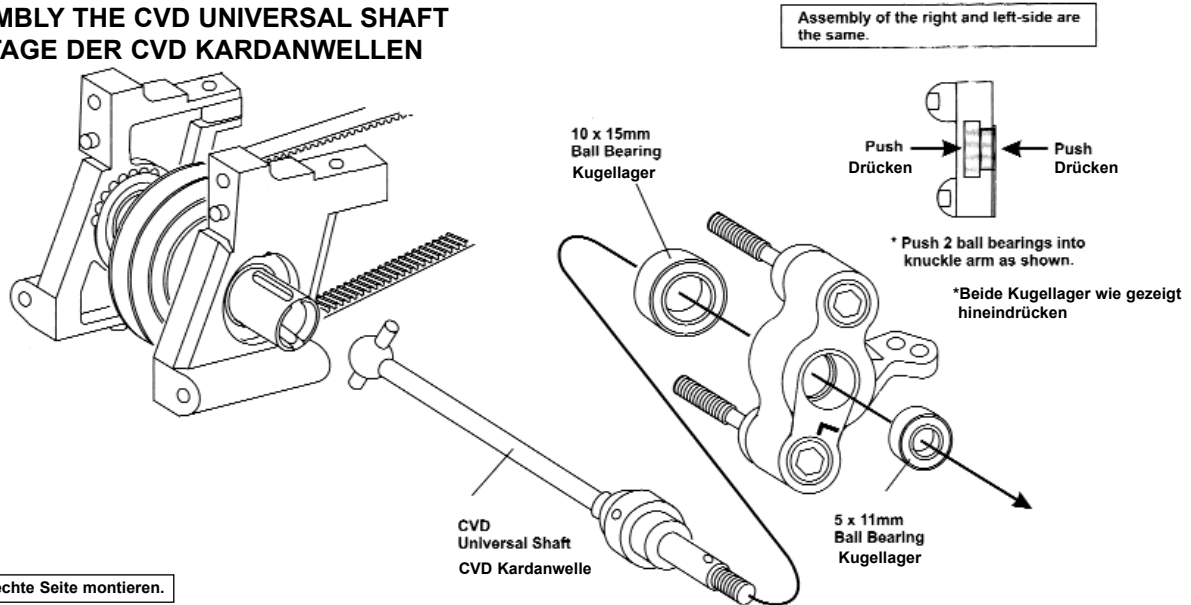


### 10) ASSEMBLY OF THE FRONT KNUCKLE ARMS MONTAGE DER VORDEREN RADTRÄGER



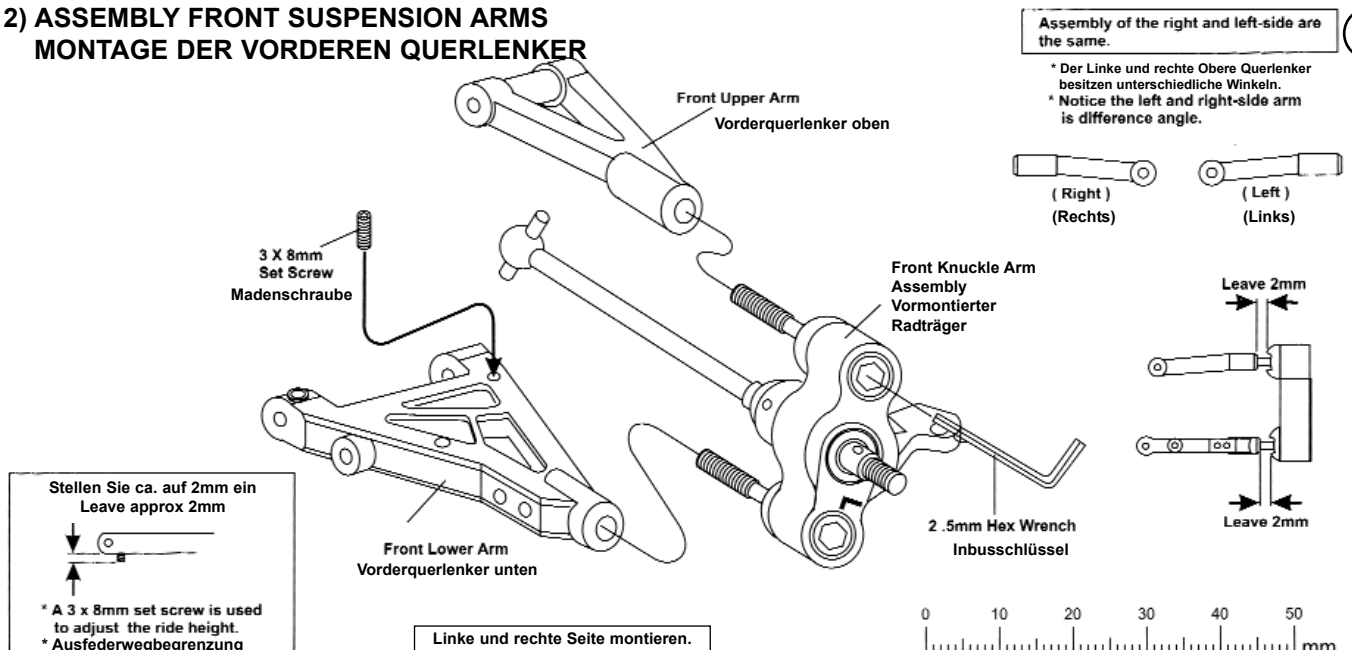
C

### 11) ASSEMBLY THE CVD UNIVERSAL SHAFT MONTAGE DER CVD KARDANWELLEN



C

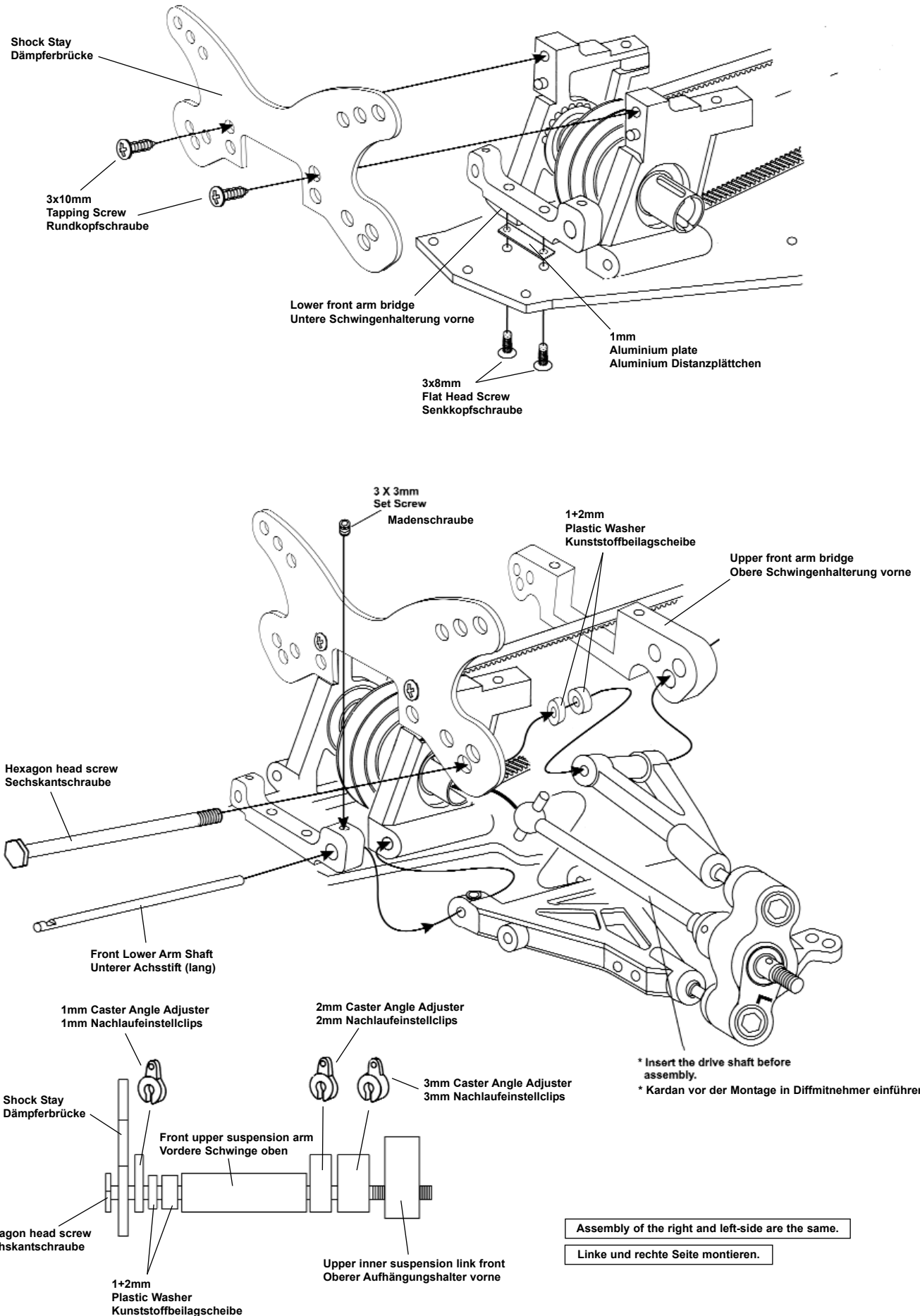
### 12) ASSEMBLY FRONT SUSPENSION ARMS MONTAGE DER VORDEREN QUERLENKER



C

## 13) ASSEMBLY THE FRONT SUSPENSION ARM TO ARM BLOCK MONTAGE DER VORDEREN AUFHÄNGUNG AN DIE GETRIEBEBOX

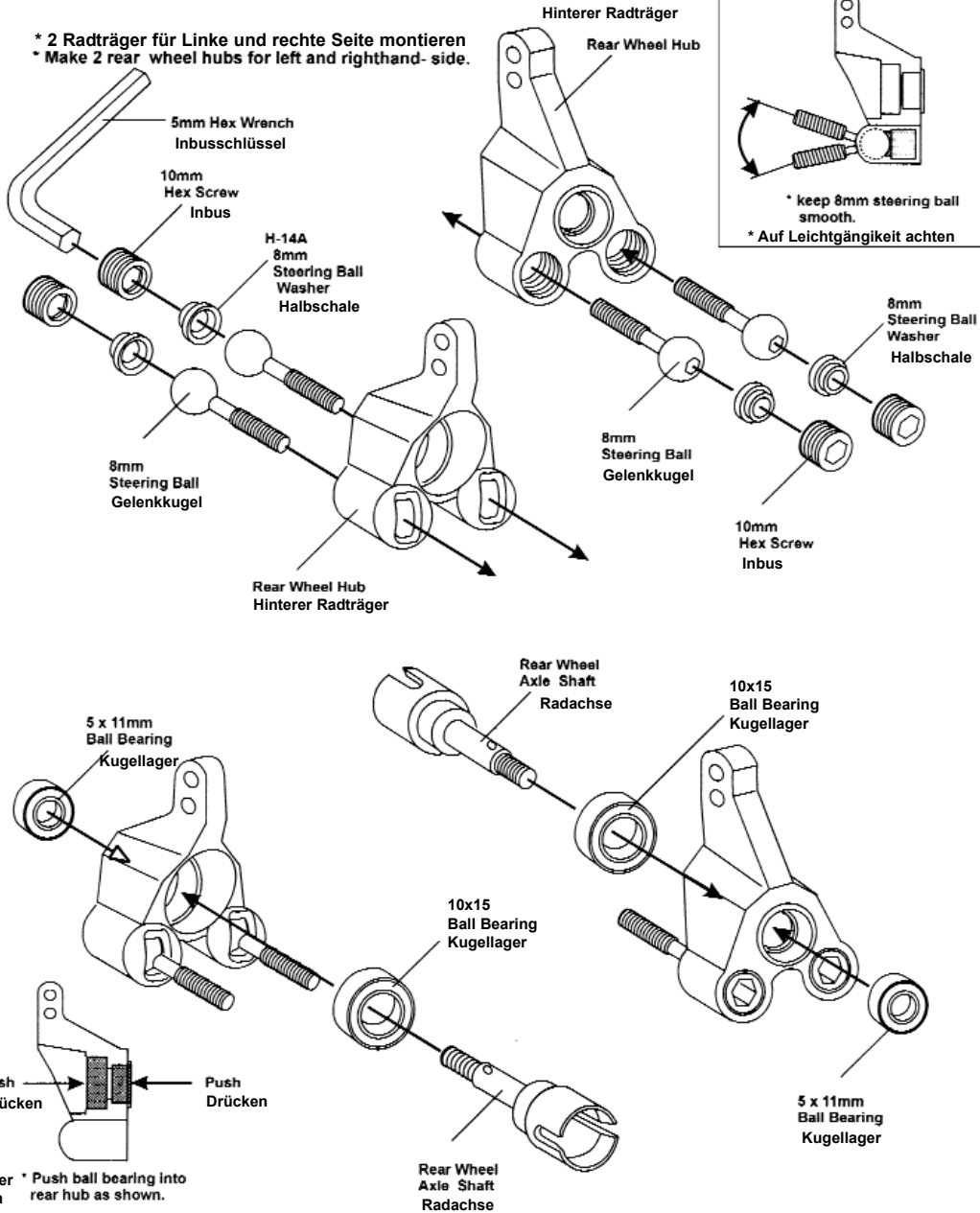
(C)





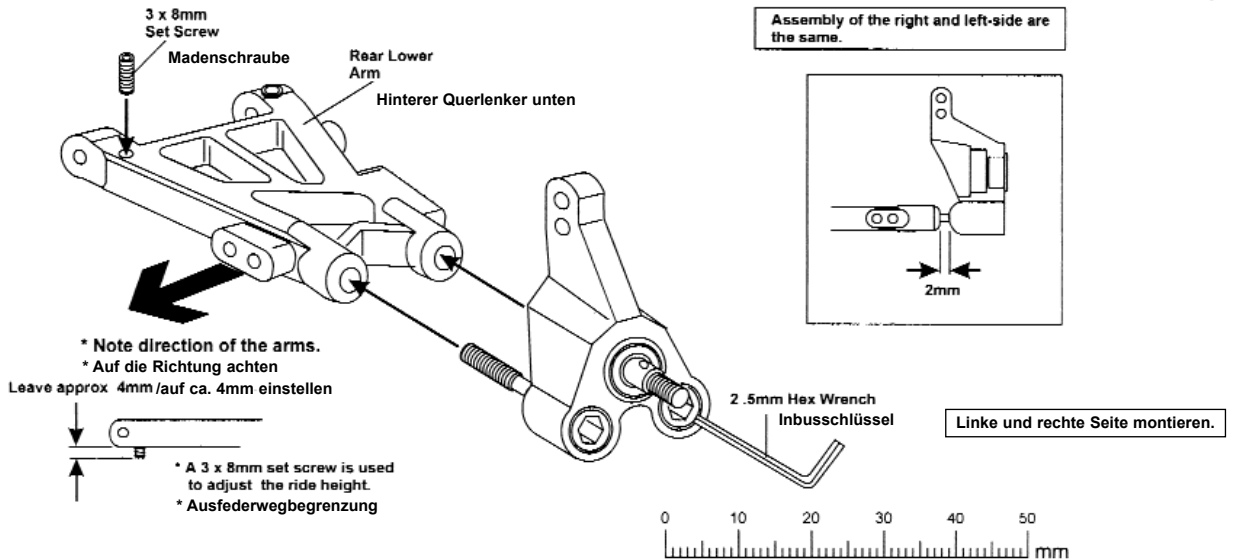
14) ASSEMBLY OF THE REAR WHEEL HUB  
MONTAGE DES HINTEREN RADTRÄGERS

D



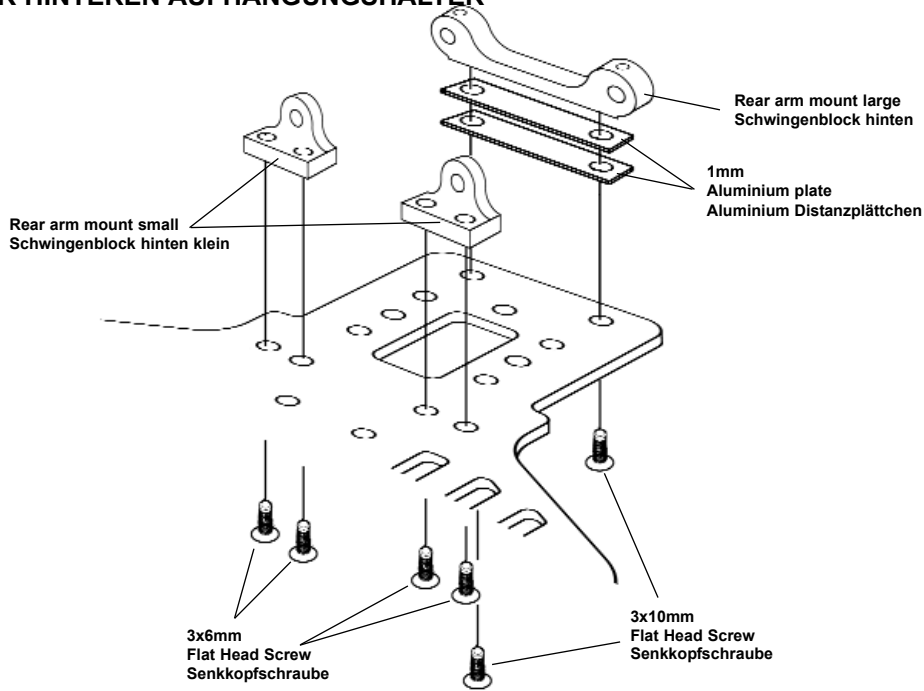
15) ASSEMBLY OF THE REAR HUBS INTO REAR ARMS  
MONTAGE DER HINTEREN RADTRÄGER

D



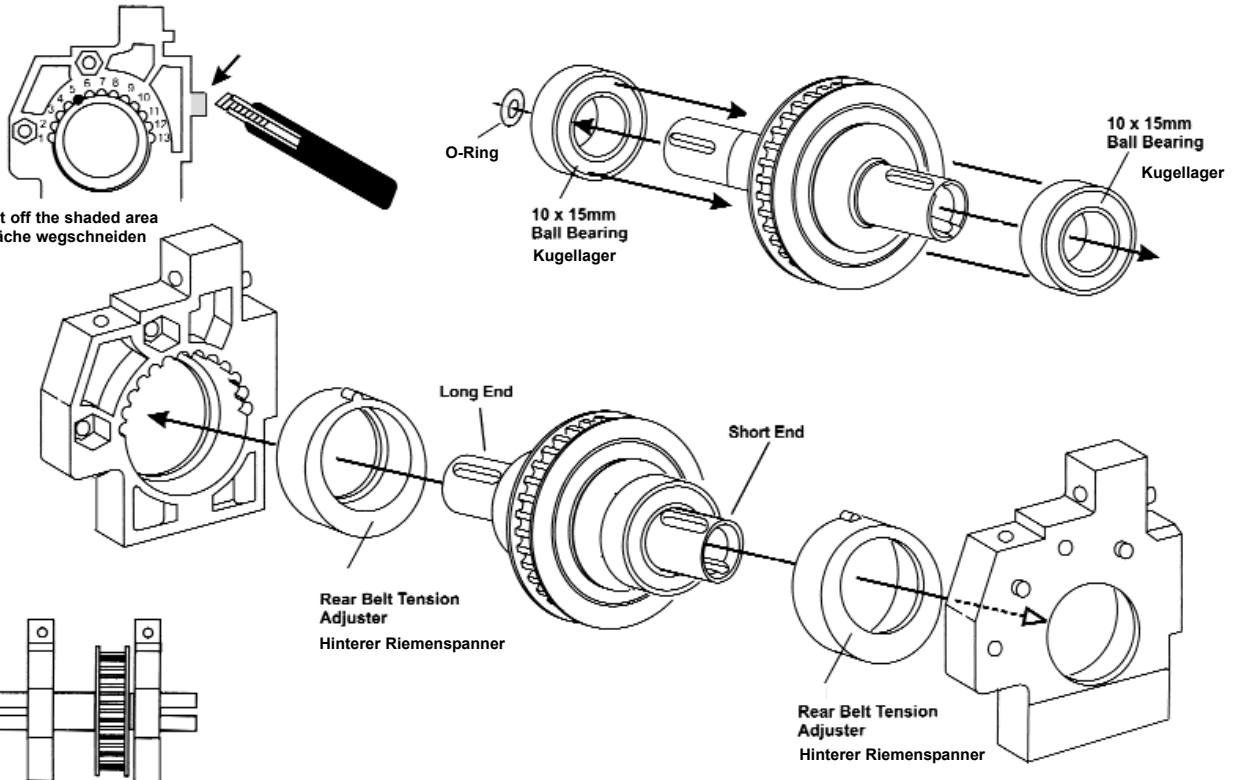
## 16) ASSEMBLY OF THE REAR ARM MOUNT MONTAGE DER HINTEREN AUFHÄNGUNGSHALTER

(D)



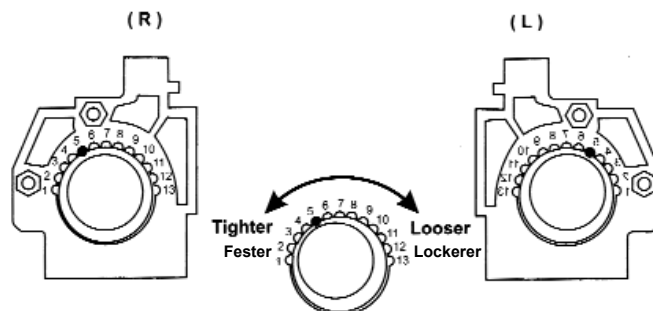
## 17) ASSEMBLY OF THE REAR DIFFERENTIAL INTO REAR BLOCK MONTIEREN DES HINTEREN GETRIEBES

(D)



\*Check the position of the ball differential before assembly. The front and the rear diff. are in same position!

\*Auf die korrekte Position des Differentials achten. Das vordere und hintere Diff müssen auf der gleichen Seite montiert werden!

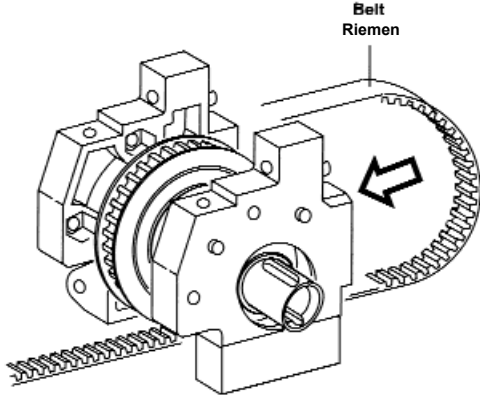


\* Both of the left and righthand-side belt tension adjuster must place in same position. No.5 is standard position

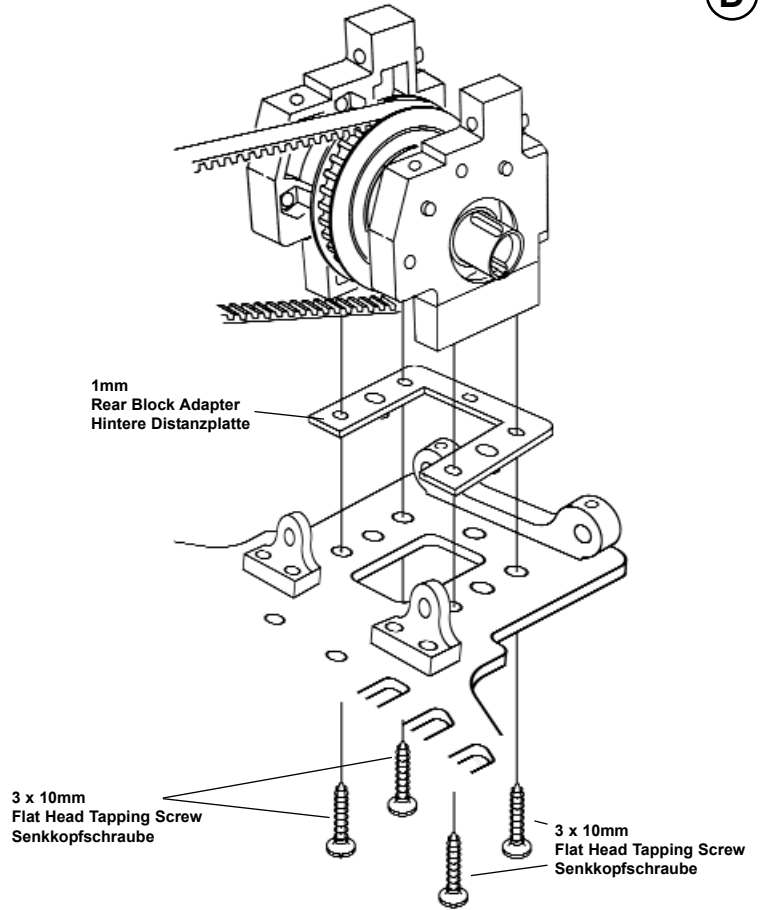
\* Beide Seiten gehören in die gleiche Position. Die Standardposition ist Nr. 5

18) ASSEMBLY REAR LOWER ARMS  
MONTAGE DES HINTEREN GETRIEBEBLOCKS

D

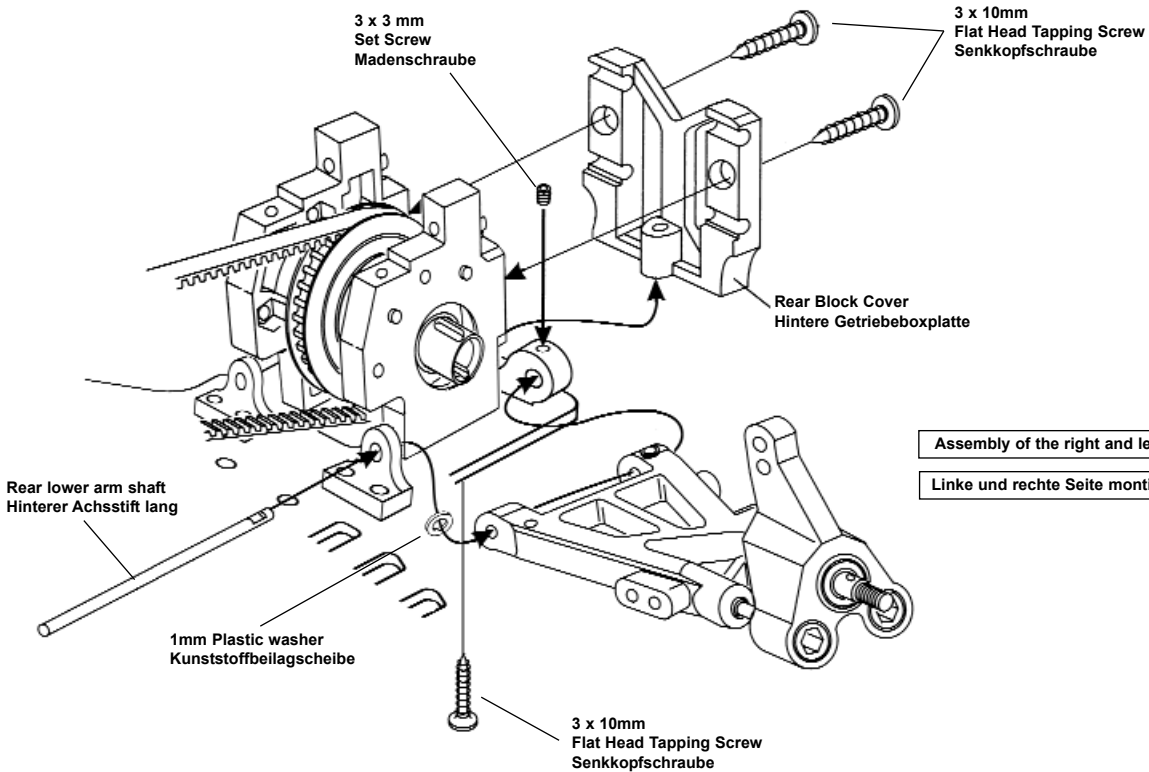


\* Riemen vor der Montage einsetzen.  
\* Insert rear belt before assembly.



19) ASSEMBLY REAR SUSPENSION  
MONTAGE DER HINTEREN AUFHÄNGUNG

D

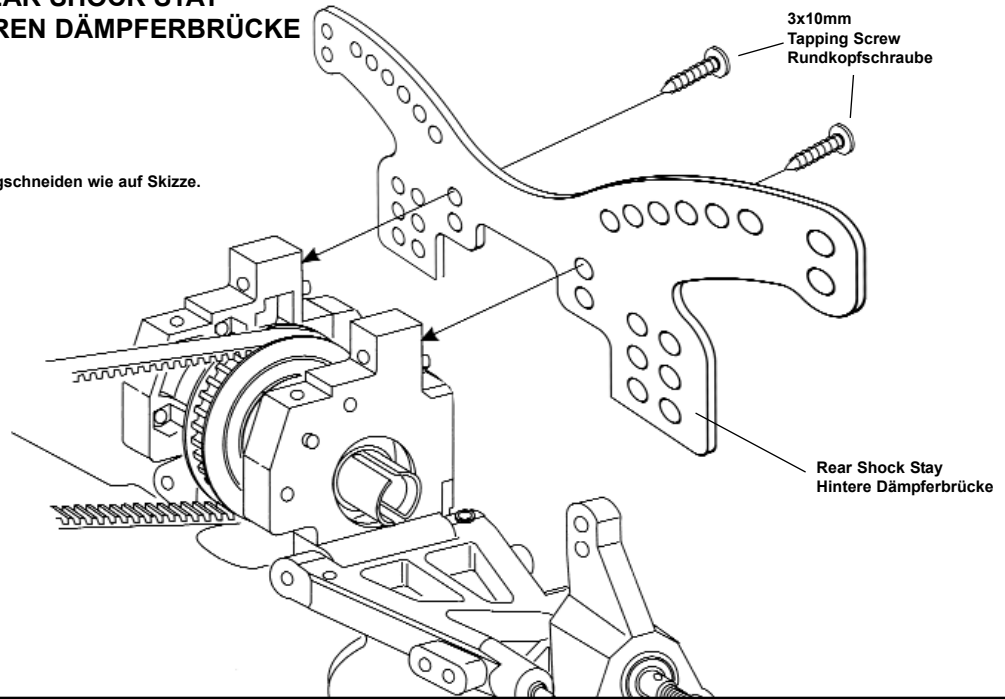


Assembly of the right and left-side are the same.  
Linke und rechte Seite montieren.

## 20) ASSEMBLY OF THE REAR SHOCK STAY MONTAGE DER HINTEREN DÄMPFERBRÜCKE

(D)

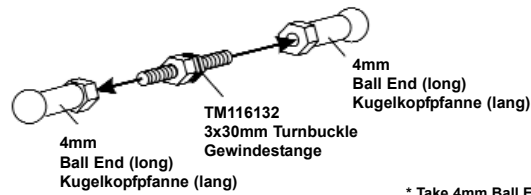
\*Plastik wegschneiden wie auf Skizze.



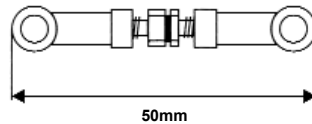
## 21) ASSEMBLY OF THE REAR UPPER ROD MONTAGE DER HINTEREN QUERLENKERSTANGE

(D)

- \* Assemble 2 upper rods. (Right and Left)
- \* Montieren Sie 2 Gewindestangen (Rechts und Links)

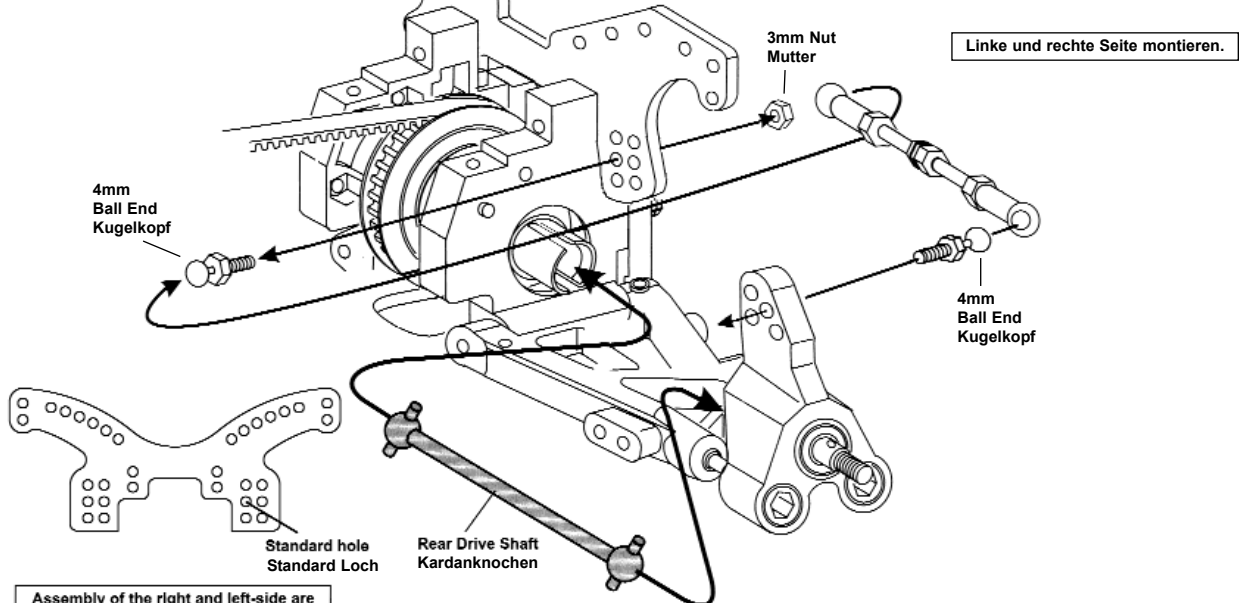


- \* Take 4mm Ball End from Bag G
- \* Entnehmen Sie Kugelkopfpfanne von Verpackung G



## 22) ASSEMBLY OF THE REAR DRIVE SHAFT MONTAGE DER HINTEREN ANTRIEBSWELLE

(D)

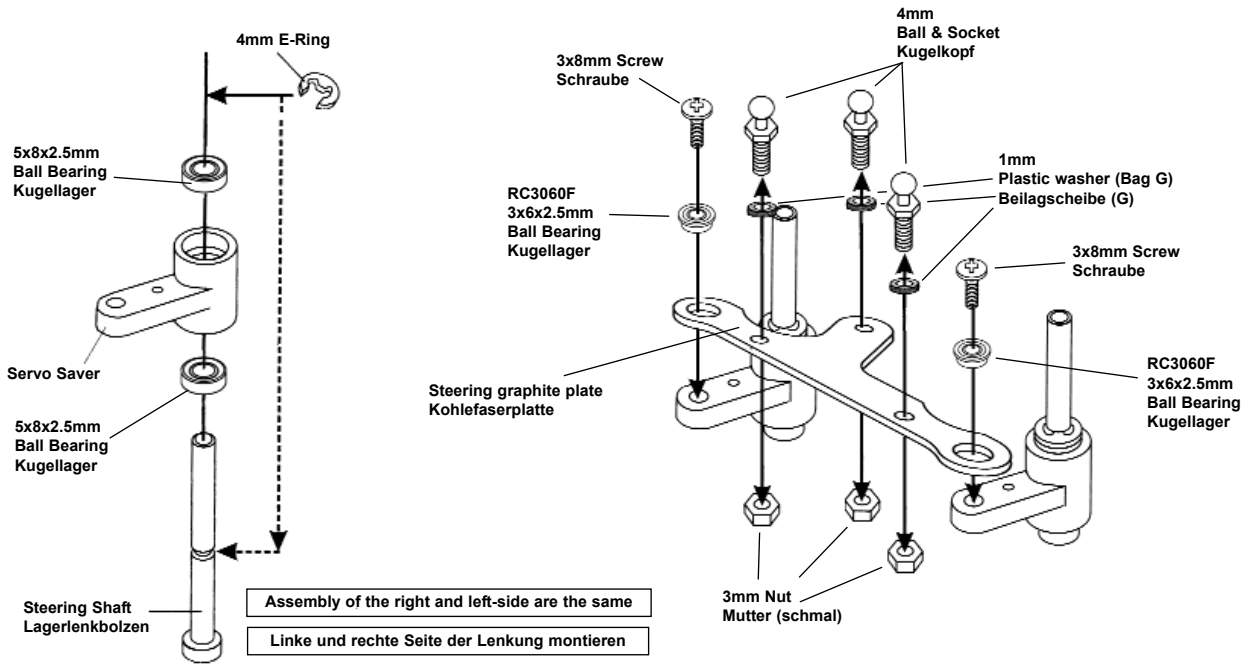


Assembly of the right and left-side are the same.

- \* Insert rear drive shaft before assembly.
- \* Kardan vor dem Zusammenbau einsetzen.

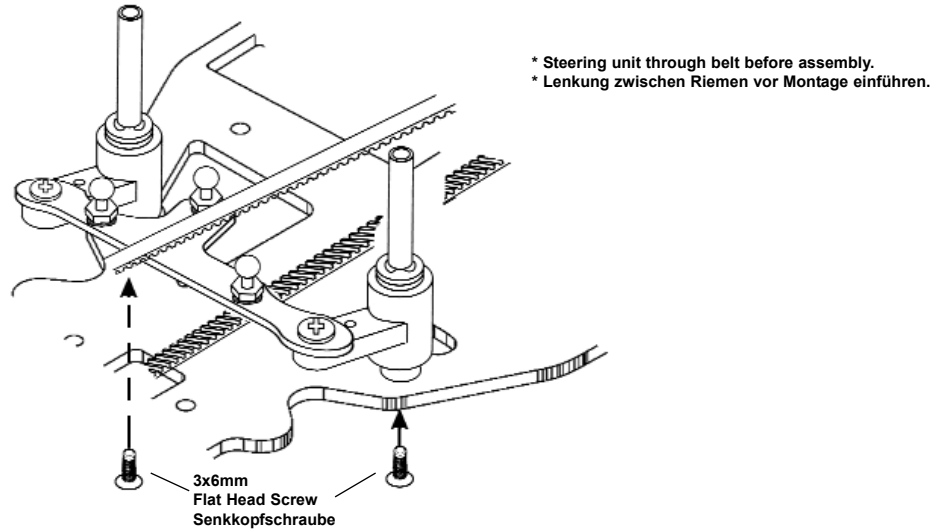
23) ASSEMBLY OF THE STEERING  
MONTAGE DER LENKUNG

E



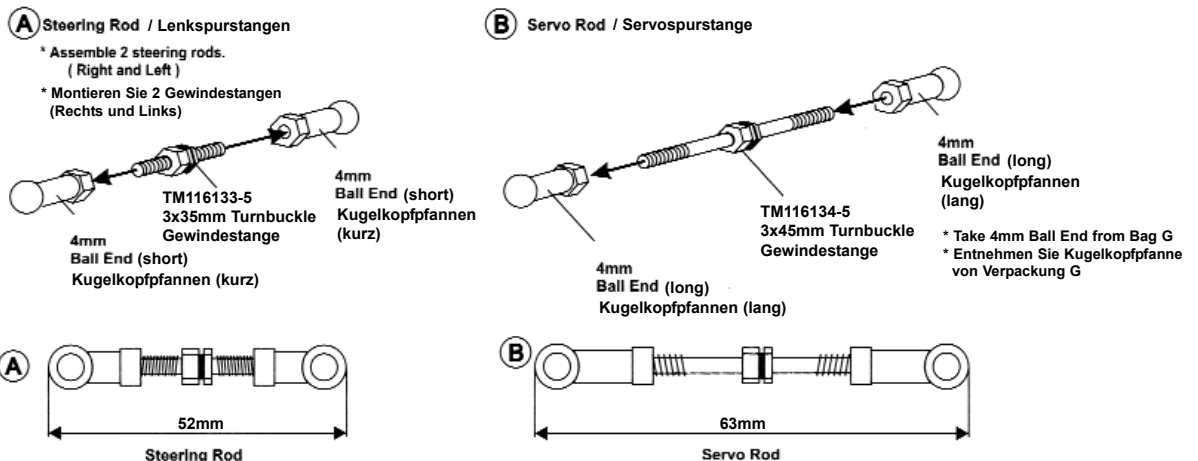
24) ASSEMBLY OF THE STEERING ONTO CHASSIS  
MONTAGE DER LENKUNG AUF DAS CHASSIS

E



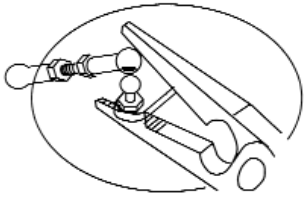
25) ASSEMBLY OF THE STEERING ROD AND SERVO ROD  
MONTAGE DER LENKSPURSTANGEN

E



## 26) ASSEMBLY OF THE STEERING ROD MONTAGE DER LENKSTANGEN

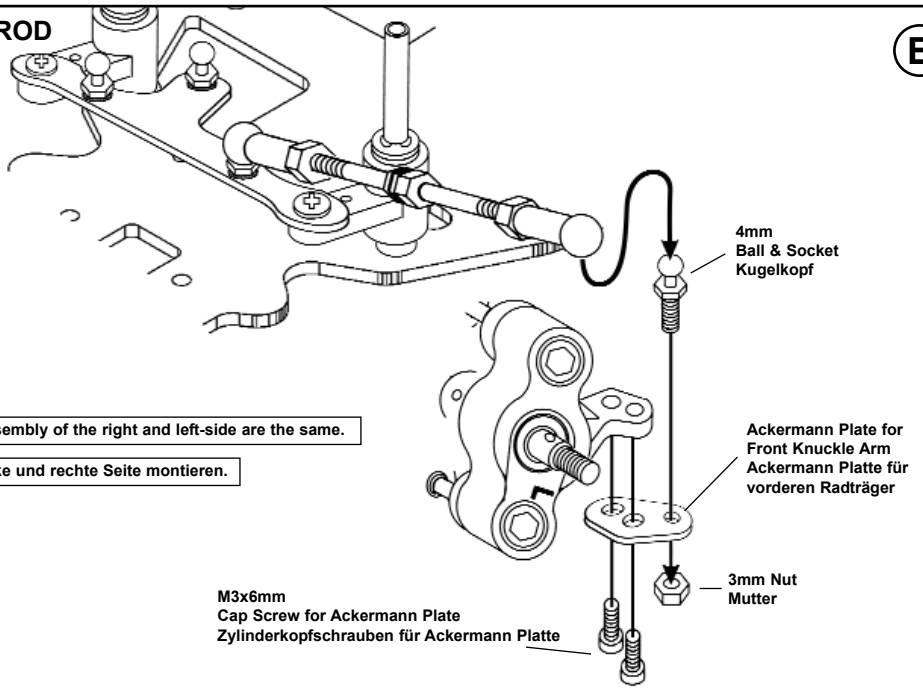
E



- \* Snap on with needle-nose pliers.
- \* Mit Zange zusammenfügen

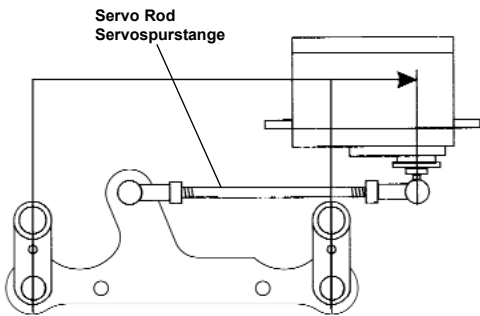
Assembly of the right and left-side are the same.

Linke und rechte Seite montieren.

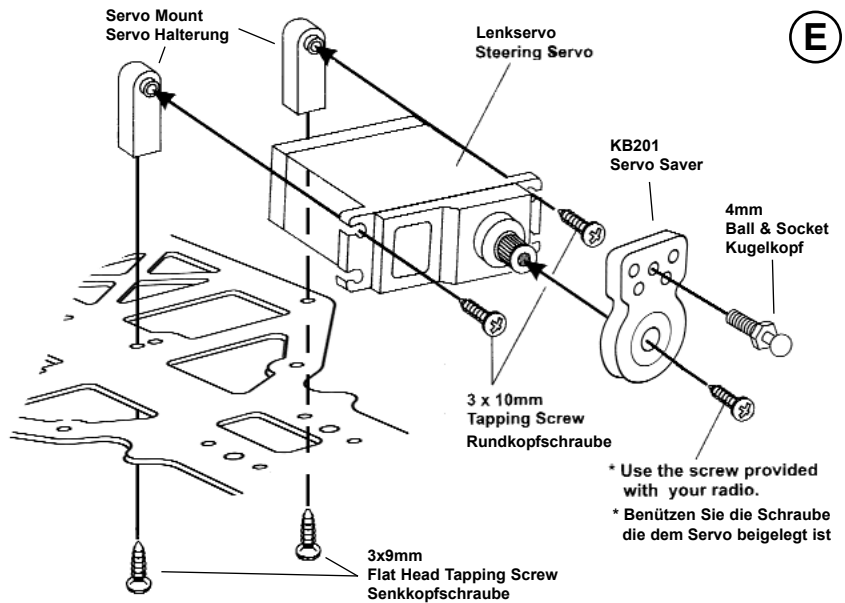


## 27) ASSEMBLY OF THE STEERING SERVO MONTAGE DES LENKSERVOS

E



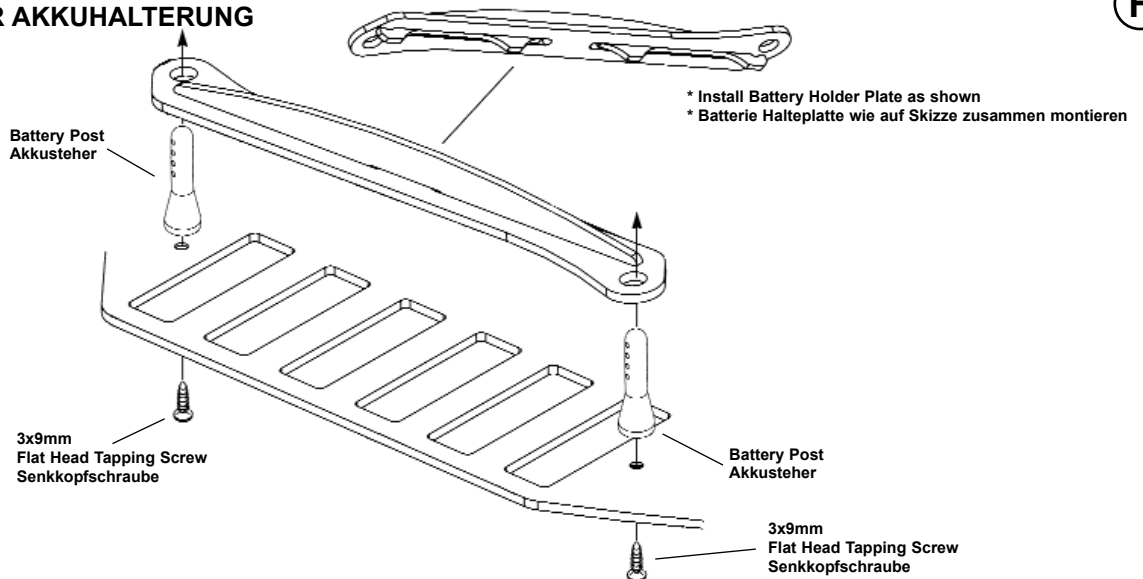
- \* Align servo saver and steering servo as shown.
- \* Achten Sie auf korrekte Anordnung der Lenkarme wie Skizze



- \* Use the screw provided with your radio.
- \* Benützen Sie die Schraube die dem Servo beigelegt ist

## 28) ASSEMBLY OF THE BATTERY HOLDER MONTAGE DER AKKUHALTERUNG

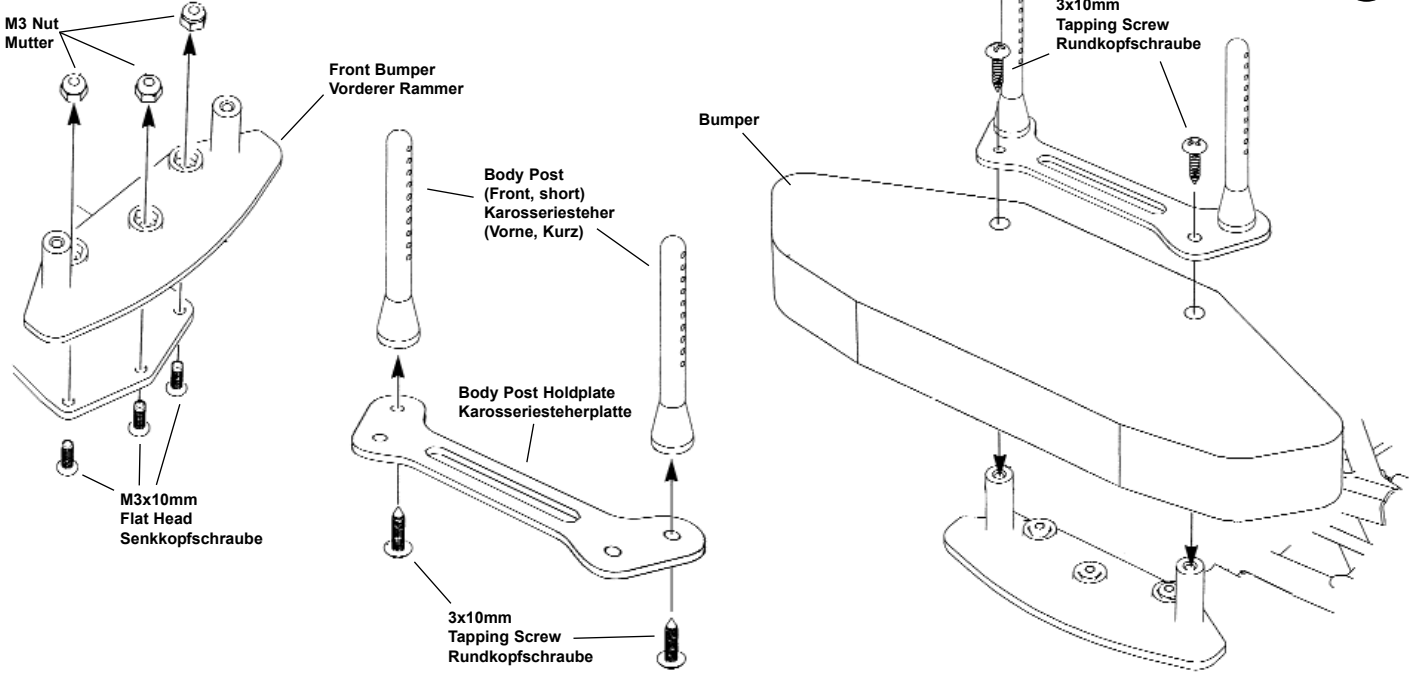
F



- \* Install Battery Holder Plate as shown
- \* Batterie Halteplatte wie auf Skizze zusammen montieren

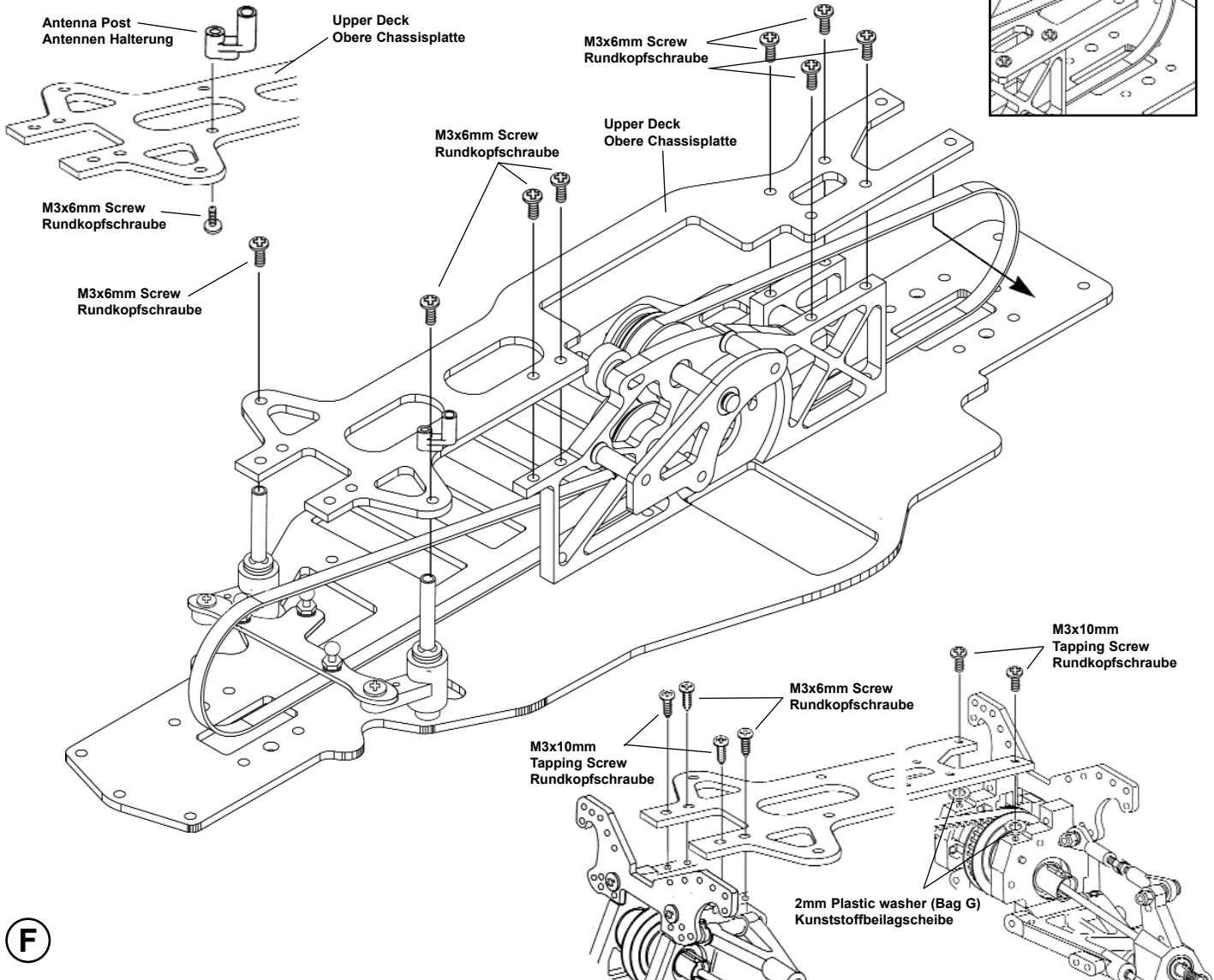
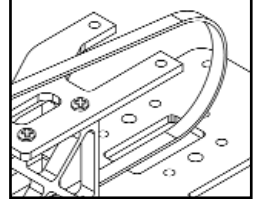
**29) ASSEMBLY OF THE FRONT BUMPER  
MONTAGE DES VORDEREN RAMMERS**

F



**30) ASSEMBLY OF THE UPPER DECK  
MONTAGE DER OBEREN CHASSISPLATTE**

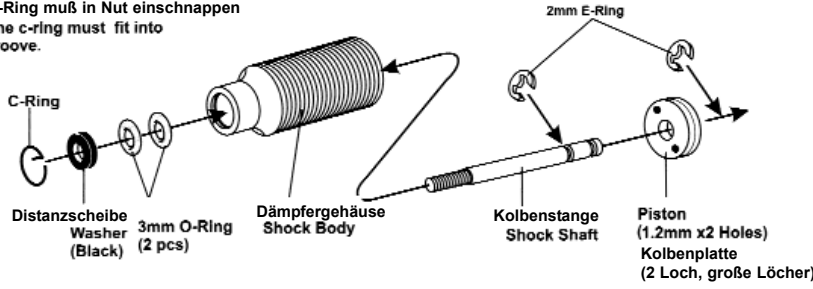
\* The upper deck must be between the rear side of the belt.  
\* Achten Sie darauf, das das Oberdeck hinten zwischen den Riemen geschoben werden muß.



## 31) SHOCK ASSEMBLY / MONTAGE DER STOSSDÄMPFER



- \* C-Ring muß in Nut einschnappen
- \* The c-ring must fit into groove.



- \* Cut the piston from the plastic parts tree.
- \* Schneiden Sie die Kolbenplatte von den Plastikteilen herrunter



- \* Use pliers to snap on E-Ring.



- \* Put a little oil to 3mm o-ring before assembly.
- \* Geben Sie vor dem Einbau etwas Silikonöl auf die O-Ringe

## 32) ASSEMBLY OF THE 4MM BALL END / MONTAGE DER 4MM KUGELPFANNEN



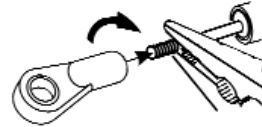
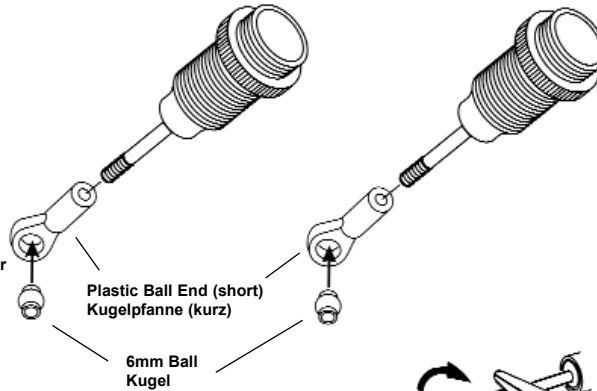
- \* The O-Ring must be inserted into groove.
- \* O-Ring in die Nut einsetzen



- \* Use a little shock oil to lubricate O-Rings before screwing on adjusting nut.
- \* Verwenden Sie etwas Öl um die Justiermutter leichter aufzuschrauben

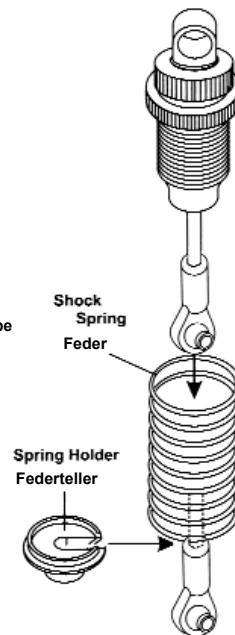
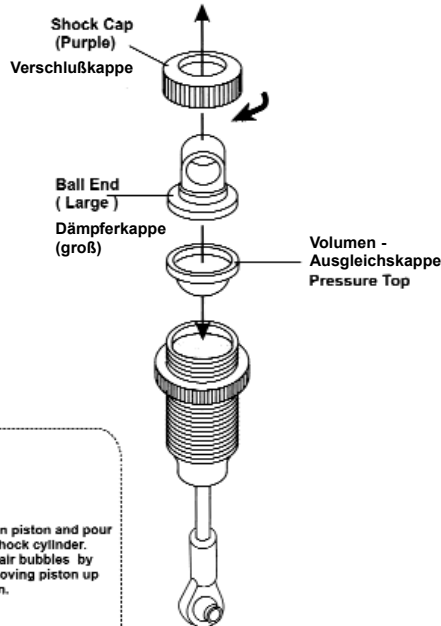
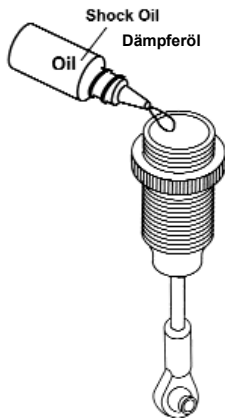
Make two for front.  
2x Vorne

Make two for rear.  
2x Hinten



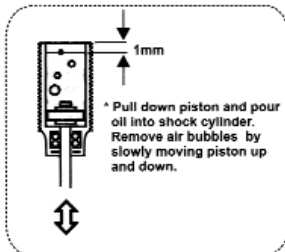
- \* Be careful not to damage the shock shaft.
- \* Vorsichtig mit der Zange. Beschädigen Sie nicht die Kolbenstange.

## 33) FILLING THE SHOCK OIL / BEFÜLLEN DER STOSSDÄMPFER



### Dämpfer befüllen:

Kolbenstange ganz nach unten schieben und Dämpferkolben mit Öl bis auf 1mm befüllen. Langsam Kolbenstange nach oben und unten bewegen, damit Luftblasen entweichen können. Diaphragm aufsetzen und überschüssiges Öl entweichen lassen. Oberteil aufschrauben und fest zuziehen. Kolben muß sich ganz hineinschieben lassen, ansonsten etwas aufschrauben und noch etwas Öl entweichen lassen.



- \* Pull down piston and pour oil into shock cylinder. Remove air bubbles by slowly moving piston up and down.

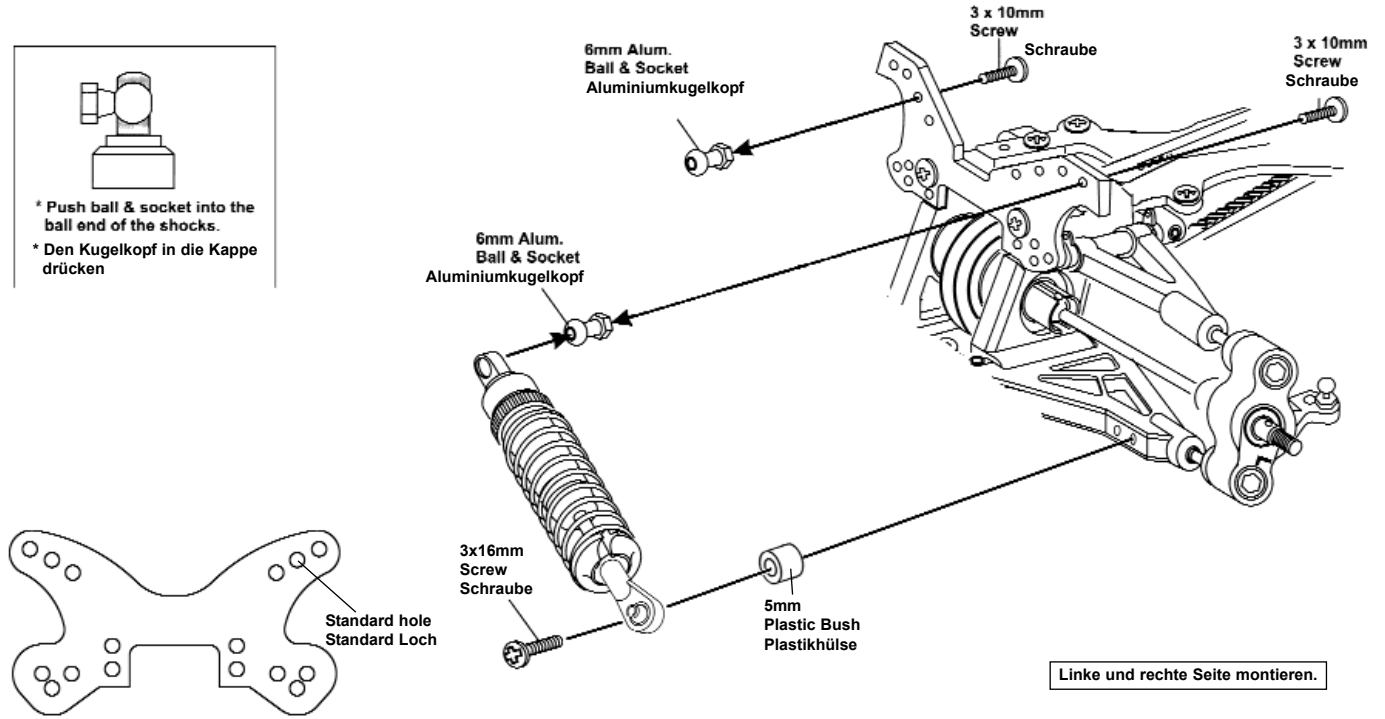
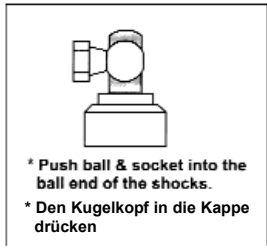
- \* Take the spring holder from the plastic parts tree.
- \* Entnehmen Sie die Federteller von den Plastikteilen.



**34) INSTALLATION OF THE FRONT SHOCK ABSORBER  
MONTAGE DER VORDEREN STOSSDÄMPFER**

G

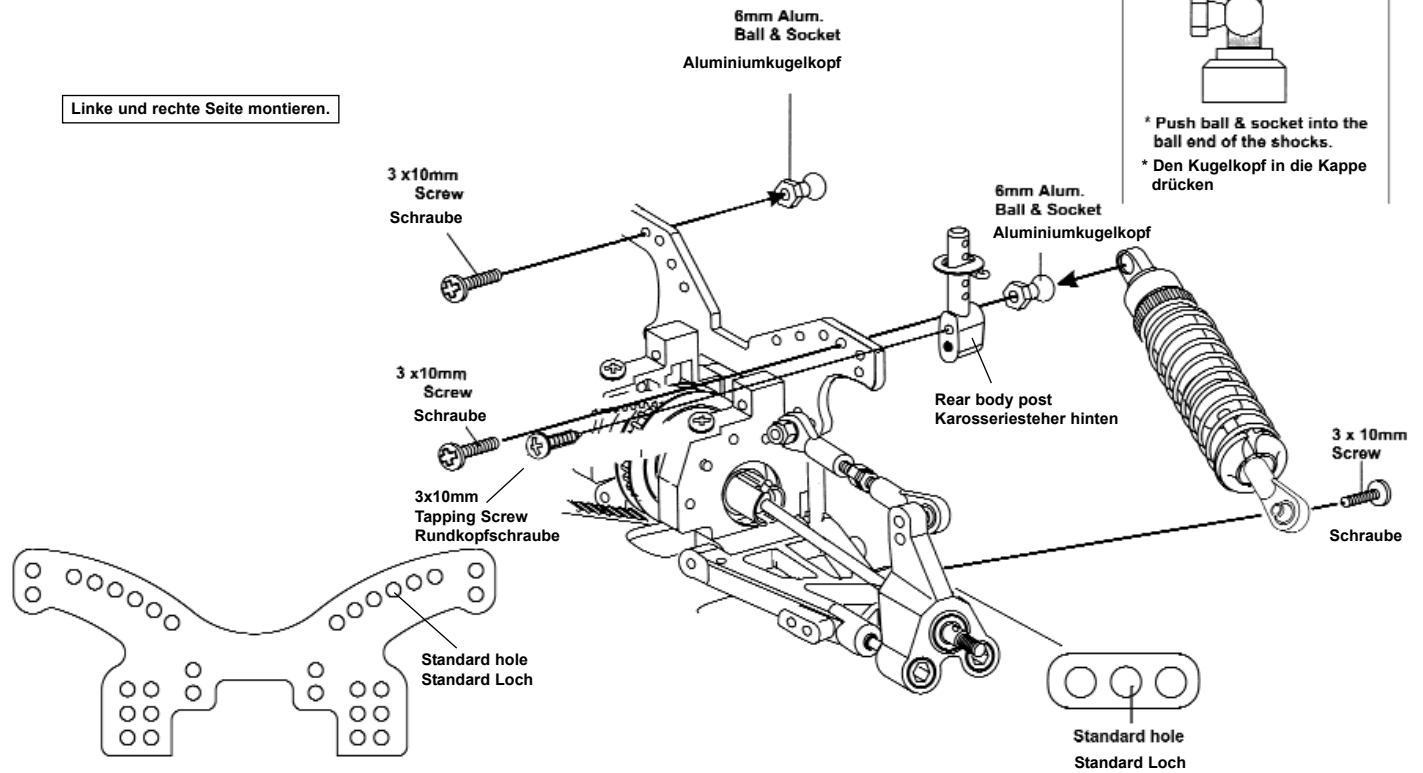
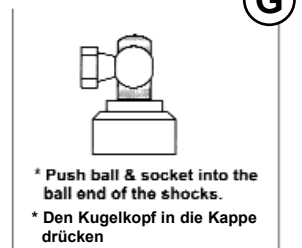
Assembly of the right and lefthand side are the same.



**35) INSTALLATION OF THE REAR SHOCK ABSORBER  
MONTAGE DER HINTEREN STOSSDÄMPFER**

G

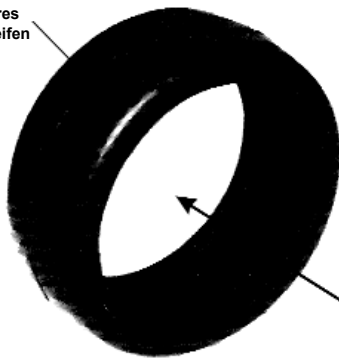
Linke und rechte Seite montieren.



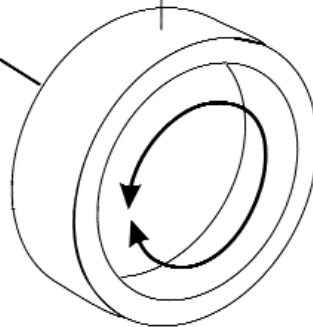
Assembly of the right and lefthand side are the same.

## 36) ASSEMBLY OF THE TIRES AND WHEELS MONTAGE VON REIFEN UND FELGEN

Tires  
Reifen



Tire insert  
Reifeneinlage

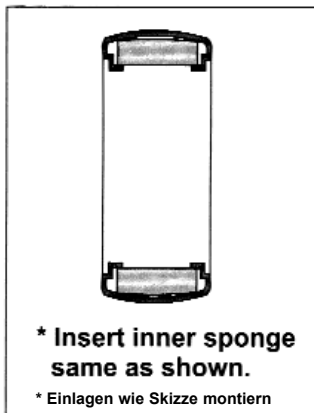
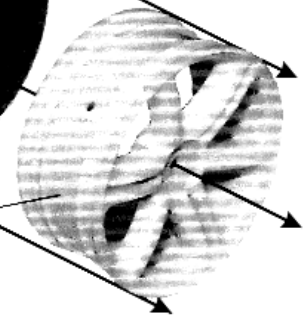


\* Insert wheel into tire.

\* Felge mit Reifen zusammenfügen



Six Spoke  
Wheel( 24mm)  
Felge (24mm)

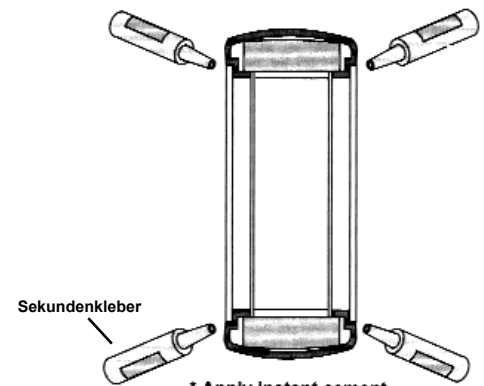


\* Insert inner sponge  
same as shown.

\* Einlagen wie Skizze montieren

\* Insert the inner sponge  
before assembly.

\* Reifeneinlage vor Montage in Reifen einlegen



Sekundenkleber

\* Apply Instant cement.

\* Reifen mit Felge zusammenkleben

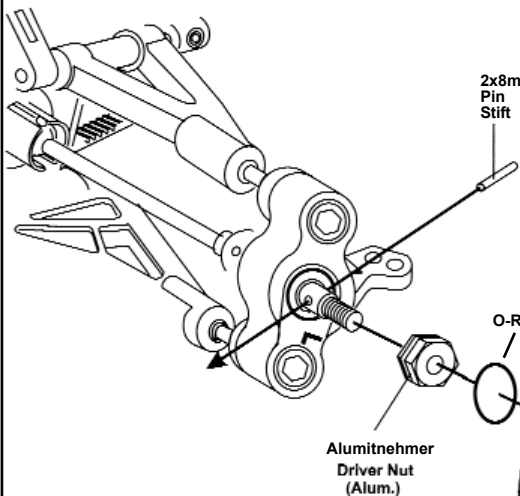
## 37) ASSEMBLY OF THE WHEELS INTO WHEEL HUB MONTAGE DER REIFEN UND RADMITNEHMER



( FRONT ASSEMBLY )  
Vorne

( REAR ASSEMBLY )  
Hinten

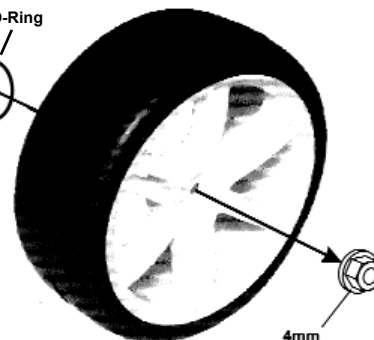
Linke und rechte Seite montieren.



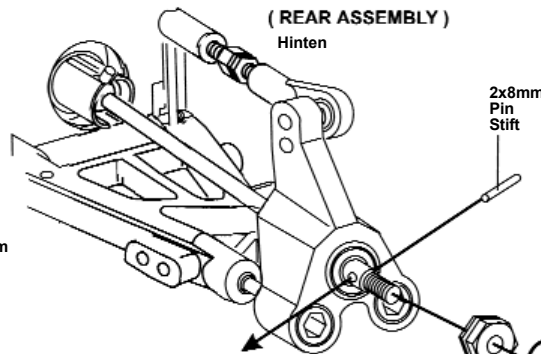
2x8mm  
Pin  
Stift

O-Ring

Alumitnehmer  
Driver Nut  
(Alum.)



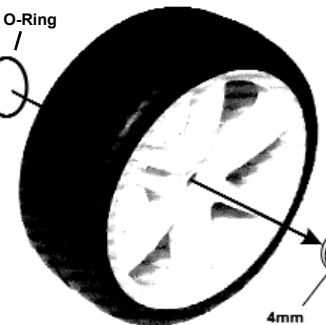
4mm  
Nylon Nut  
Mutter



2x8mm  
Pin  
Stift

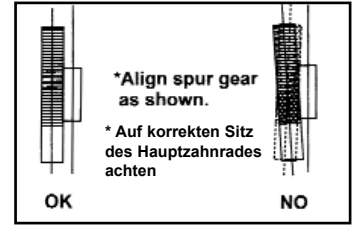
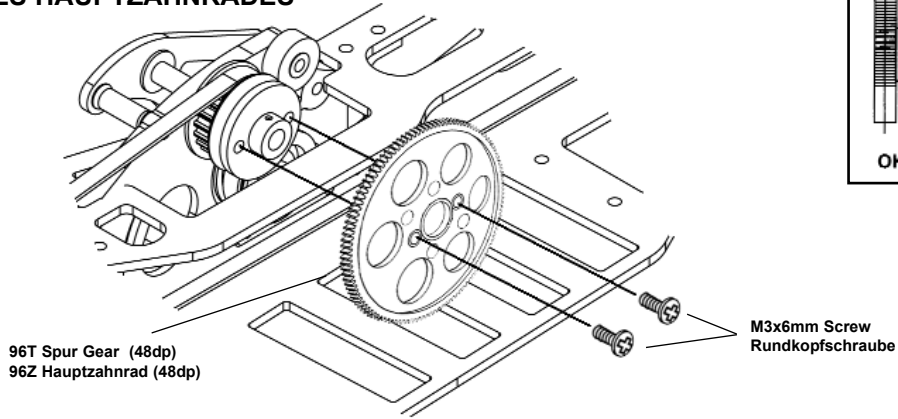
O-Ring

Alumitnehmer  
Driver Nut  
(Alum.)



4mm  
Nylon Nut  
Mutter

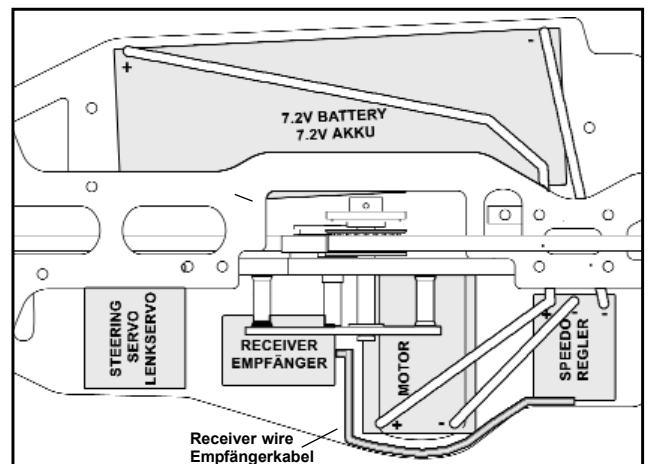
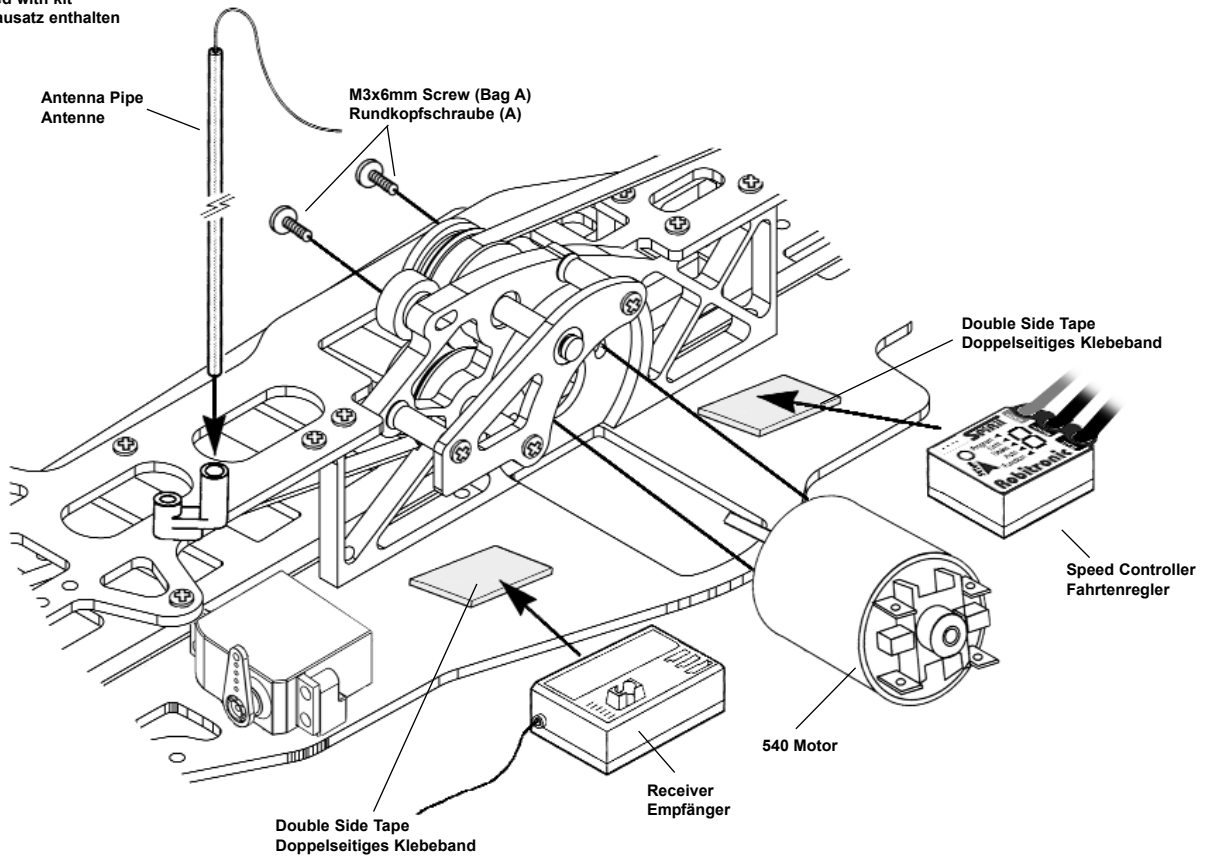
**38) ASSEMBLY OF THE SPUR GEAR  
MONTAGE DES HAUPTZAHNRADES**



(A)

**39) INSTALLATION OF THE ELECTRIC PARTS  
MONTAGE DER ELEKTRONIK**

\* Not included with kit  
\* Nicht im Bausatz enthalten



\*Fastener of the receiver wire from your Speed Controller  
Guide the receiver wire behind the motor and assure it with a tape.

\*Befestigung des Empfängerkabels von Ihrem Fahrtenregler  
Führen Sie das Empfängerkabel hinter dem Motor entlang und befestigen es mit einem Klebeband.

### FRONT and REAR WIDTH SETTING

SPURBREITEN EINSTELLUNG

(FRONT) VORNE

2MM  
81MM  
162MM  
81MM

(REAR) HINTEN

2MM  
81MM  
162MM  
81MM

### Front Down Stop

VORDERE BODENFREIHEIT

Madenschraube zum Einstellen verwenden  
Adjust front 3 x 8mm set screw.

A  
A=A' is OK  
A'

### Rear Down Stop

HINTERE BODENFREIHEIT

Madenschraube zum Einstellen verwenden  
Adjust rear 3 x 8mm set screw.

B  
B=B' is OK  
B'

### FRONT TOE-IN and TOE-OUT SETTING

VORDERE VORSPUR UND NACHSPUR EINSTELLUNG

Vorspur  
Toe-In  
Toe-Out  
Nachspur  
Neutral Position

Adjust the length of front steering rod to change the toe angle.  
Making the tie rod longer will make the front tires become toe-in. Response will be slower and will over steer.  
Making the tie rod shorter will make the front tires become toe-out. Response will be quicker and will under steer.

Verändern Sie die Spur durch Einstellen der Spurstangen.  
Vorspur: Kurveneingang weniger Lenkung, Kurvenausgang mehr Lenkung  
Nachspur: Kurveneingang mehr Lenkung, Kurvenausgang weniger Lenkung

### REAR TOE-IN and TOE-OUT SETTING

HINTERE VORSPUR UND NACHSPUR EINSTELLUNG

Vorspur  
Toe-In  
Toe-Out  
Nachspur  
Neutral Position

Verändern Sie die Spur durch Einstellen der 8mm Kugelköpfe.  
Vorspur: Mehr Griff (Untersteuern)  
Nachspur: Weniger Griff (Übersteuern)

Adjust the length of rear hub 8mm ball change the toe angle.  
Making the 8mm ball longer will make the rear tires become toe-in. Response will be under steer.  
Making the 8mm ball shorter will make the rear tires become toe-out. Response will be over steer.

Adjust from rear ball. Einstellung über hinteren Kugelkopf

### FRONT CAMBER ANGLE SETTING

VORDERE STURZ EINSTELLUNG

Sturzeinstellung über vorderen Kugelkopf  
(FRONT) VORNE

Use 2.5mm hex wrench to adjust lower arm ball in front.

Place the model car on a flat surface. Raise the chassis to it's maximum clearance before the wheels leave the ground. Adjust length of the front and rear lower ball so that the wheels arc at right angles to the ground.

### REAR CAMBER ANGLE SETTING

HINTERE STURZ EINSTELLUNG

Turnbuckle  
(REAR) HINTEN

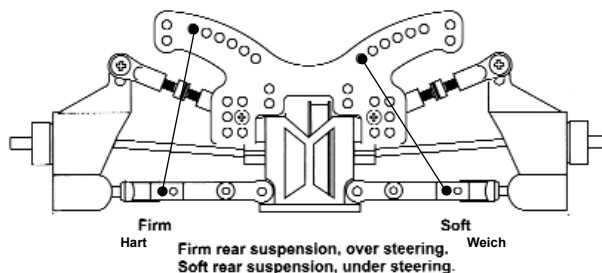
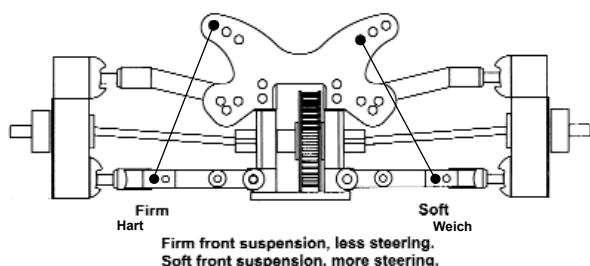
Sturzeinstellung über hintere Spurstange

Use 2.5mm hex wrench to adjust lower arm ball in rear.

The rear camber adjustment can be made by moving the turnbuckle rod on the upper arms, clockwise or anticlockwise. We suggest zero degrees for the front and one degree negative for the rear.

## SHOCK ANGLE SETTING

DÄMPFERPOSITIONEN

(FRONT)  
VORNE(REAR)  
HINTEN

## GEAR RATIO / ÜBERSETZUNG 1.59:1

48dp	20	21	22	23	24	25	26	27	28	29	30
94	7,47	7,12	6,79	6,50	6,23	5,98	5,75	5,54	5,34	5,15	4,98
96	7,63	7,27	6,94	6,64	6,36	6,11	5,87	5,65	5,45	5,26	5,09
98	7,79	7,42	7,08	6,77	6,49	6,23	5,99	5,77	5,57	5,37	5,19
100	7,95	7,57	7,23	6,91	6,63	6,36	6,12	5,89	5,68	5,48	5,30

64dp	28	29	30	31	32	33	34	35	36	37	38
124	7,04	6,80	6,57	6,36	6,16	5,97	5,80	5,63	5,48	5,33	5,19
126	7,16	6,91	6,68	6,46	6,26	6,07	5,89	5,72	5,57	5,41	5,27
128	7,27	7,02	6,78	6,57	6,36	6,17	5,99	5,81	5,65	5,50	5,36
130	7,38	7,13	6,89	6,67	6,46	6,26	6,08	5,91	5,74	5,59	5,44

## HARDNESS OF SHOCK OIL / DÄMPFERÖL VISKOSITÄT



Be aware that different shock oil will change the models performance.  
Unterschiedliches Öl ändert die Straßenlage des Fahrzeuges.

Hardness	Weicher ← Softer → Harder → Härter						
	10	20	30	40	50	80	100
Shock Oil							

## R/C TIPS

R/C cars are fun to drive, but be aware that driving them in the wrong places can cause serious damage. Never drive near real cars, animals, or people that are unaware the R/C car is being driven.

When learning to drive, go to an area that has no obstacles that can damage your car if you have a crash. Stay away from curbs, parked cars, poles, etc. Always wear shoes when driving.

## SAFETY PRECAUTIONS

Follow the outlined rules for safe radio control operation.

1. 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.
2. Avoid running in standing water and rain. If R/C unit, motor, or battery get wet, clean and dry thoroughly in a dry shaded area.

## R/C OPERATING PROCEDURES

1. Make sure the transmitter controls and trims are in neutral.
2. Switch on transmitter.
3. Switch on receiver  
Inspect operation using transmitter before running. Revers sequence to shut down after running, and make sure to disconnect or remove batteries.

## INSPECTION BEFORE OPERATION

1. Make sure that screws and nuts are tight enough.
2. Make sure that batteries for transmitter are new, and Ni-Cad running batteries have been sufficiently charged.  
If batteries are not new or fully charged, the model may run out of order.
3. Adjust steering servo and trim so that the model runs straight with transmitter in neutral.
4. Double check speed controller for neutral position.
5. Double check for wiring breaks and short circuits.
6. Check motor function. Unusual noise or excessive heat build-up in a short period may indicate a damaged motor.
7. Apply grease to suspension, gears, ballbearings, etc.

## MAINTENANCE AFTER RUNNING

After operating the model, perform the following to maintenance for best performance.

1. After running model, switch off transmitter and remove batteries from model and R/C unit.
2. Completely remove sand, mud, dirt, etc.
3. Apply grease to suspension, gears, ballbearings.
4. Do not use water or solvents to clean your model.

ARTNR/NO.	TUNINGTEILE	TUNINGPARTS
A13T	Tuningriemen Superflex	Tuningbelt Superflex
A26	Power Roller	Power Roller
HS12	Freilauf-Differential vorne (1)	Alum. One-Way Unit (1 set)
HS12A	Mitnehmer für Freilaufdiff. (2)	Cap Joint for HS-12 (2)
IS05	Querlenker vorne unten , Hart (2)	Front Lower Arms, hard (2)
IS06	Querlenker hinten unten , Hart (2)	Rear Lower Arms, hard
RS702	Dämpferfedern Set Lang (8 Stk)	Long Shock Spring Set (4 pairs)

ARTNR/NO.	ERSATZTEILE	SPAREPARTS
A01-V2	Alu Motorträger V2 ( 2 teilig )	Alum. Motor Mount V2 (2)
A02	Verbindungssteher für Motorträger oben V1&V2 (2)	Alum. Post for Motor Mount V1&V2 (2)
A03	Hauptwellenhalter Carbon V1&V2	Graphite Plate for Mid-Drive V1&V2
A04-V2	Welle für Umlenkrolle Riemenspanner V2	Shaft for Guide Roller Tuning V2
A05	Umlenkrolle Delrin V1&V2	Delrin Guide Roller V1&V2
A06	O-Ring für Umlenkrolle (5)	O-Ring for Guide Roller (5)
A07	Welle-Hauptzahnrad mit E-Clips V1&V2	Mid Drive Shaft with E-Clips V1&V2
A08	Riemenrad 22 Zähne mit 2x8mm Stift	22T Pulley with 2x8mm Pin
A09	Hauptzahnradadapter mit 1,5x9mm Stift V1&V2	Spur Gear Mount with 1.5x9mm Pin V1&V2
A10-V2	Carbon Chassis Bodenplatte V2	Graphite Chassis V2
A12-V2	Riemen-Kontroller komplett V2	Belt Controller Set V2
A13	Riemen S 3 M 666	Belt S 3 M 666
A14-V2	Stoßdämpferbrücke Vorne V2	Graphite Shock Stay Front V2
A15-V2	Stoßdämpferbrücke Hinten V2	Graphite Shock Stay Rear V2
A16-V2	Lenkstange V2	Graphite Steering Plate V2
A17-V2	Carbon Radioplatte V2	Graphite Upper Deck V2
A19-V2	Karosseriehalter Platte Vorne V2	Graphite Bods Post Plate Front V2
A21	Rammer vorne unten	Front Bumper
A22	Formschaum - Bumper	Sponge Bumper
A24	Akkualter - Steher (2)	Battery Post (2)
A25	Akkualterung Carbon V1&V2	Graphite Battery Holder V1&V2
A30	Untere Schwingenhalterung Vorne V2	Lower Front Arm Bridge V2
A31	Obere Schwingenhalterung Vorne V2	Upper Front Arm Bridge V2
A32	Schwingenblock hintenV klein V2 (1)	Rear Arm Mount Small V2 (1)
A33	Schwingenblock hintenH V2	Rear Arm Mount Large V2
A34	Ackermann Set für Lenkhebel V2 (2)	Ackermann Set for Knuckle Arm V2 (2)
E07	P-3 O-Ringe für Stoßdämpfer (8)	P-3 O-Ring (8)
E08	Volumen-Ausgleichkappen (4)	Air Pressure Top (4)
E10	Stoßdämpfer-Plastikteile+Kugelpfannen für hi. Anlenkung (1 Set)	Shock Plastic Parts (1 set)
E11	Diff-Scheiben (2)	Differential Washer (2)
E12	1/8" Diff-Kugeln (8)	1/8" Diff. Ball (8)
E13	1/16" Diff-Kugeln u. Scheiben für Drucklager	1/16" Thrust Ball, w/Washer (8)
E17	Antriebsknochen hinten (2)	Rear Drive Shaft (2)
E19-V2	Querlenkerstifte hinten unten V2 (2)	Rear Arm Lower Shaft V2 (2)
E19A-V2	Querlenkerstifte vorne unten V2 (2)	Front Arm Lower Shaft V2 (2)
E23-V2	Lagerbolzen-Lenkung V2	Steering Shaft V2
E36	4mm Kugelkopf (10)	4mm Ball & Socket (10)
E37	6mm Kugelkopf (6)	6mm Ball & Socket (6)
E38	6mm Kugelkopf (6)	6mm Ball (6)
E48	Diff-Riemenrad 35 Zähne (2)	35T Pully (2)

ARTNR/NO.	ERSATZTEILE	SPAREPARTS
E56-V2	Lenkung Kunststoffteile V2	Servo Saver (Plastic Set) V2
E65	4mm Kugelpfannen (1 Set)	4mm Plastic Ball Joint (1set)
E72	Antenne (1)	Antenna (1)
ES18	Delrin Diff-Mitnehmer ( L/R )	Delrin Cap Joint (2)
ES18A	Diff.-Einstellmutter (1)	Adjustment Nut (1)
ES18B	Diff.-Einstellschraube (1)	Adjustment Screw (1)
ES44-V2	Karosseriesteher V2	Body Post V2 (2)
ES45	1/10 Stoßdämpfer Einstellbar (2)	1/10 Shock Absorber, adjustable (2)
ES45E	Rändelmutter für Stoßdämpfer (2)	Adjustment for shock spring (2)
ES45G	Stoßdämpfergehäuse (2)	Shock Body (2)
ES45H	P-12 O-Ringe für Rändelmutter (4)	P-12 O-Ring (4)
H01	Stoßdämpferfedern (4)	Shock Spring (4)
H02	Stoßdämpfer Kolbenstange (2)	Shock Shaft (2)
H05-V2	Querlenker vorne oben & Getriebekasten V2	Front Arm Block (1 set)
H06-V2	Querlenker unten vorne/hinten V2	Lower Arms (F&R), Body Post (1 set)
H07-V2	Querlenkerstifte vorne oben V2 (2)	Front Arm Upper Shaft V2 (2)
H09	Lenkhebel / Radträger vorne (2)	Knuckle Arm (2)
H10	Radträger hinten L/R	Rear Wheel Hub (2)
H11	Getriebebox hinten (1 Set)	Rear Gear Box (1 set)
H11-V2	Getriebebox hinten V2 (1 Set)	Rear Gear Box (1 set)
H112B	1mm Scheiben (8)	1mm Washer black (8)
H13	Antriebswelle hinten aussen (2)	Rear Wheel Axle Shaft (2)
H14	Pivotball 8mm (4)	8mm Steering Ball (4)
H15	10mm Alu-Schraube für Pivotball (4)	10mm Alum. Set Screw (4)
H19	CVD - Antriebswellen vorne (2)	CVD Universal Joint (2)
H280	6mm Alum.-Kugeln für Stoßdämpfer unten (4)	Alum. 6mm Shock End (4)



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