

# VKR-8 • VKS-8

**IC POWERED ON-ROAD RACING CARS**

**Instruction manual • Bouwhandleiding • Bauanleitung • Instructions de montage**



**PROTECH®**

## SERVICE

### **SAS: Service after sales**

Please note that only manufacturing faults or problems caused by manufacturer faults will be repaired on the account of SAS. It is not possible to claim warranty if the problem is caused by misuse of this product. PROTECH cannot be held responsible for damage or any claims arising from the use of this product. Please use the diagrams in this instruction book to find the spare parts that you need

### **SAV: Service après vente**

Ne seront pris en charge par le SAV, que les pièces présentant un vice de fabrication. En aucun cas, la mauvaise utilisation du produit ne peut engendrer un SAV gratuit.

PROTECH ne peut pas être rendu responsable pour des dommages ou réclamations provenant de l'usage de ce produit.

Afin de faciliter la recherche de vos pièces détachées, veuillez-consulter la page 36 de cette notice

### **SNV: Service na verkoop**

Alléén fabricagefouten of problemen veroorzaakt door een fabricagefout zullen op rekening van de SNV hersteld worden. Er kan nooit aanspraak gemaakt worden op een gratis herstelling door de SNV als de problemen voortkomen uit een verkeerd gebruik van het produkt

PROTECH kan niet verantwoordelijk gesteld worden voor schaden of vorderingen voortvloeiend uit het gebruik van dit produkt. Om het zoeken van het onderdeel dat u nodig hebt te vergemakkelijken, gelieve de onderdelenlijst op pagina 36 van deze handleiding te raadplegen

### **KD : Kundendienst**

Nur Herstellungsfehler oder durch Herstellungsfehler verursachte Probleme werden für Rechnung des KD repariert. Die Garantie kann nicht in Anspruch genommen werden, wenn das Problem auf eine unsachgemäße Verwendung des Erzeugnisses zurückzuführen ist.

PROTECH kann nicht für Schäden oder Ansprüche haftbar gemacht werden, die sich aus der Verwendung dieses Produkts ergeben. Bitte verwenden Sie die in diesem Anweisungsheft auf Seite 36 abgedruckten Diagramme, um die Ersatzteile zu finden, die Sie benötigen.

## Factory settings (only for VXS-8) / Fabrieksinstellingen (enkel voor VXS-8) Werkseinstellingen (nur für VXS-8) / Réglage d'usine (uniquement pour VXS-8)

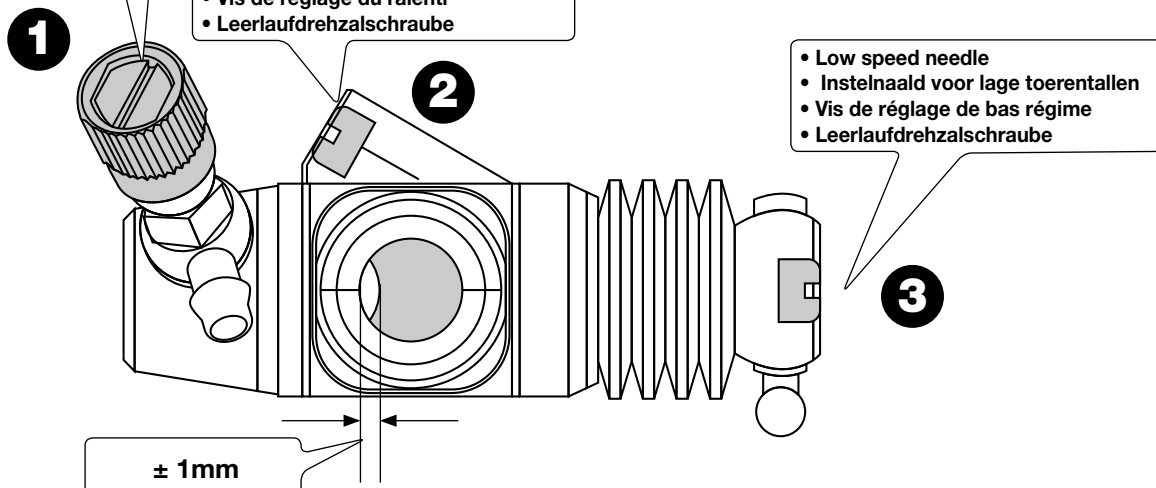
- High speed needle
- Instelnaald voor hoge toerentallen
- Pointeau principal (haut régime)
- Nadel für hohe Drehzahlen

- Idle adjustment screw
- Stelschroef voor stationair draaien
- Vis de réglage du ralenti
- Leerlaufdrehschraube

### FACTORY SETTINGS

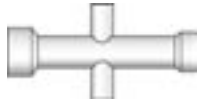
- |   |                     |   |
|---|---------------------|---|
| 1 | • High speed needle | 4 turns from closed                             |
| 2 | • Idle adjustment   | Carburator 1mm open                             |
| 3 | • Low speed needle  | 5 <sup>1</sup> / <sub>2</sub> turns from closed |

- Low speed needle
- Instelnaald voor lage toerentallen
- Vis de réglage de bas régime
- Leerlaufdrehschraube



**TOOLS REQUIRED / BENODIGDE GEREEDSCHAPEN  
OUTILS RECOMMANDES / BENODIGDE WERKZEUGE**

Cross wrench  
CLé en croix  
Kruissleutel  
Kreuzschlüssel



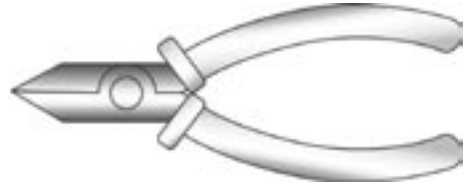
Needle nose pliers  
Pince à bec  
Bek tang  
Beiszange



Philips screw driver  
Tournevis Philips  
Philips schroevendraaier  
Schraubendreher



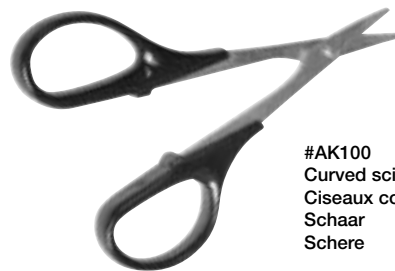
Wire cutter  
Pince coupante  
Draad stripper  
Kneifzange



Sharp hobby knife  
Couteau de modéliste  
Scherp hobbymes  
Hobby Messer



#T0158  
Hex wrench set  
Tournevis allen  
Zeskant sleutelset  
Sechskant-Steckschlüssel Satz



#AK100  
Curved scissors  
Ciseaux courbe  
Schaar  
Schere



**Protech Racing Finish**  
Special paint for polycarbonate  
Peinture spéciale pour le polycarbonate  
Spuitsbus voor polycarbonaat  
Sprüh dose für Polycarbonat

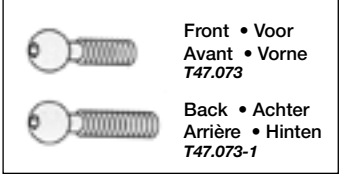
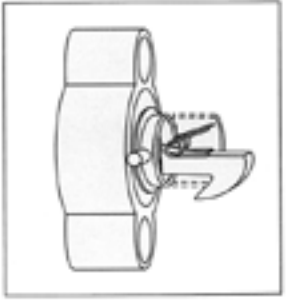
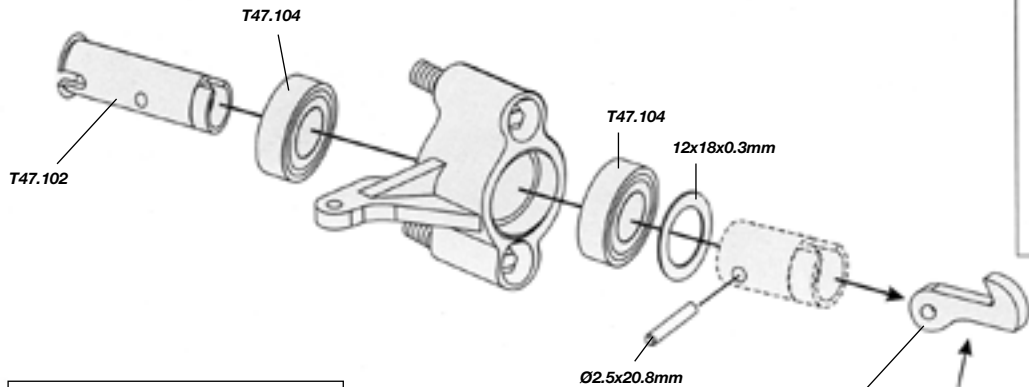
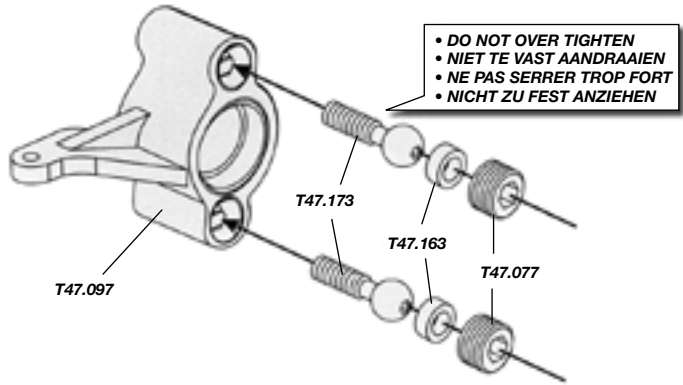


#A105-25  
Instant glue  
Secondenlijm  
Colle cyanoacrylate  
Sekundenkleber

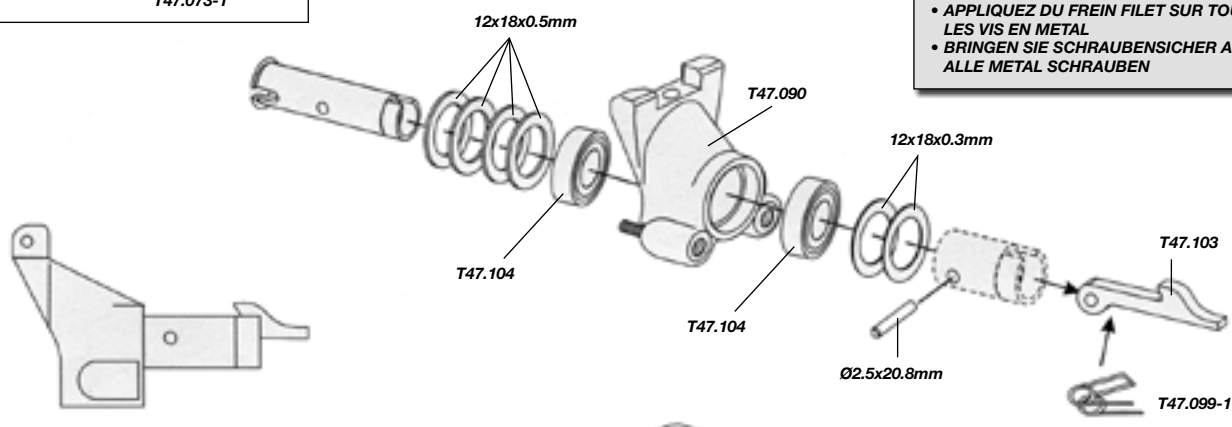


#LX906  
Air filter oil  
Huile pour filtre à air  
Olie voor luchtfilter  
Öl für Luft Filter

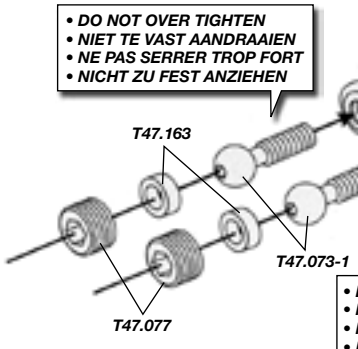
**Assemble the steering knuckles FR & R / Bouwen van de stuurblokken V & A  
Assemblage des fusées AV & AR / Zusammenstellen von die Achsschenkel V & H**



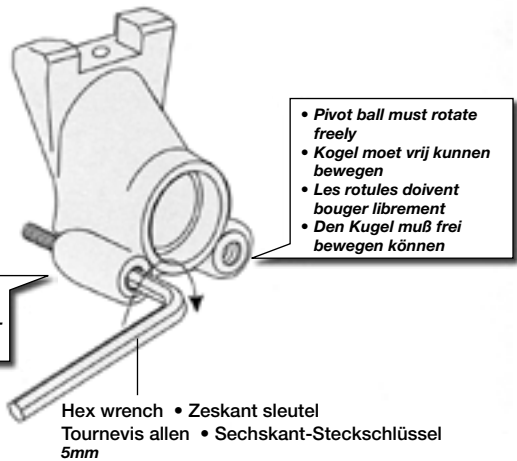
• LOCTITE ALL METAL-METAL FASTENERS  
• BRENG OP ALLE METAAL-METAAL CONTACTEN BORGMIJDEEL AAN  
• APPLIQUEZ DU FREIN FILET SUR TOUTES LES VIS EN METAL  
• BRINGEN SIE SCHRAUBENSICHER AN AUF ALLE METAL SCHRAUBEN



• DO NOT OVER TIGHTEN  
• NIET TE VAST AANDRAAIEN  
• NE PAS SERRER TROP FORT  
• NICHT ZU FEST ANZIEHEN



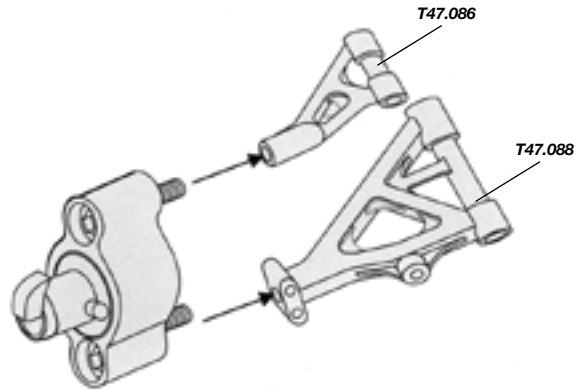
• DO NOT OVER TIGHTEN  
• NIET TE VAST AANDRAAIEN  
• NE PAS SERRER TROP FORT  
• NICHT ZU FEST ANZIEHEN



Assembly of the front suspension / Montage van de voorste ophanging /  
Montage de la suspension avant / Montierung von die vordere Querlenker

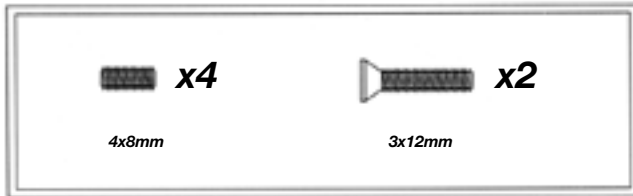
**B**  
**BAG**

**2x**

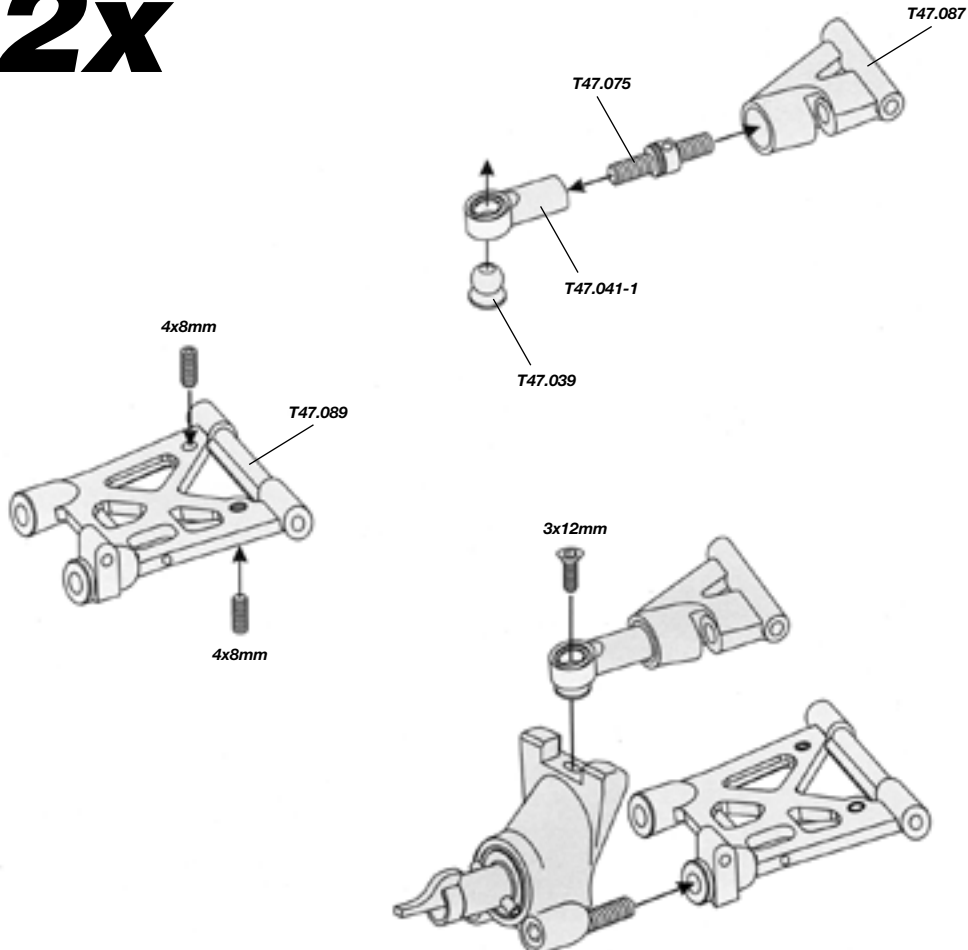


Assembly of the rear suspension / Montage van de achterste ophanging /  
Montage de la suspension arrière / Montierung von die hintere Querlenker

**B**  
**BAG**

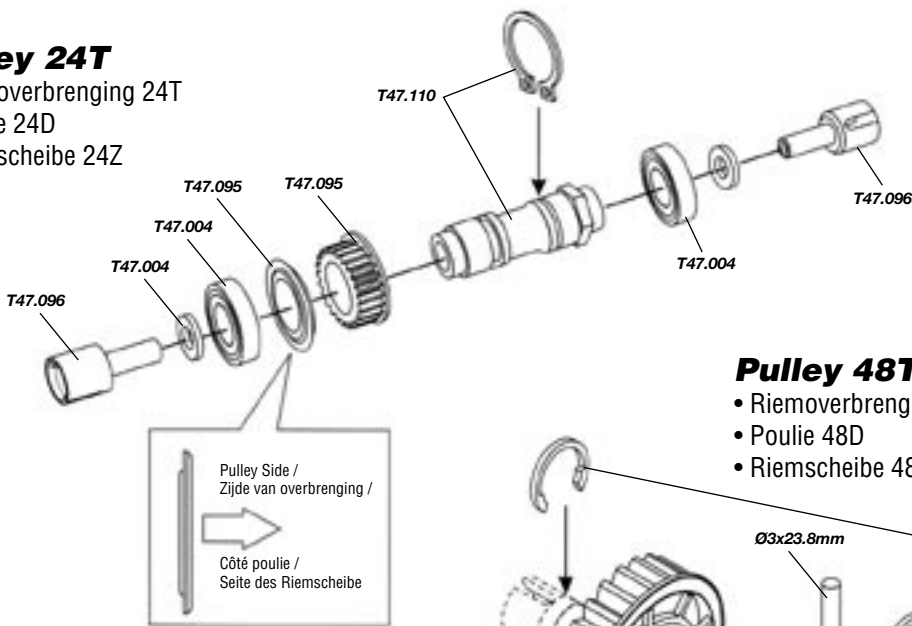


**2x**



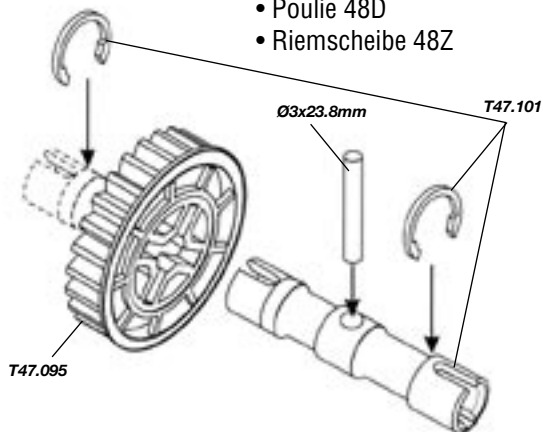
**Pulley 24T**

- Riemoverbrenging 24T
- Poulie 24D
- Riemscheibe 24Z



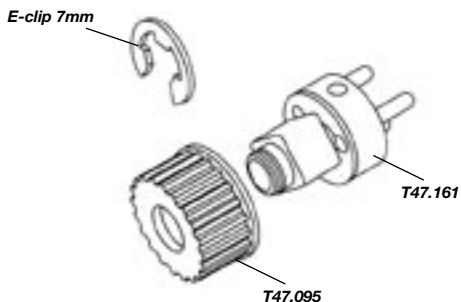
**Pulley 48T**

- Riemoverbrenging 48T
- Poulie 48D
- Riemscheibe 48Z



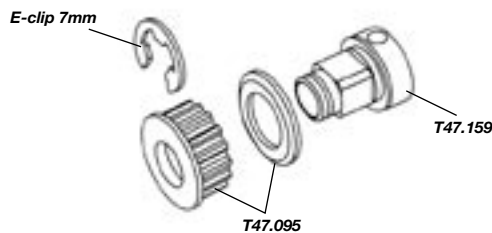
**Pulley 20T**

- Riemoverbrenging 20T
- Poulie 20D
- Riemscheibe 20Z



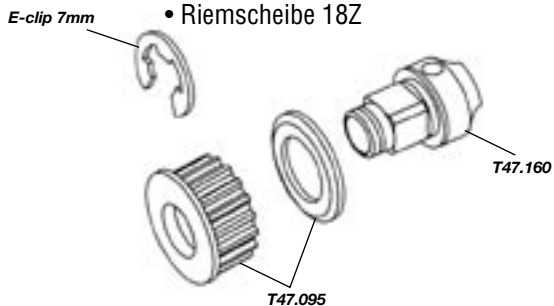
**Pulley 16T**

- Riemoverbrenging 16T
- Poulie 16D
- Riemscheibe 16Z



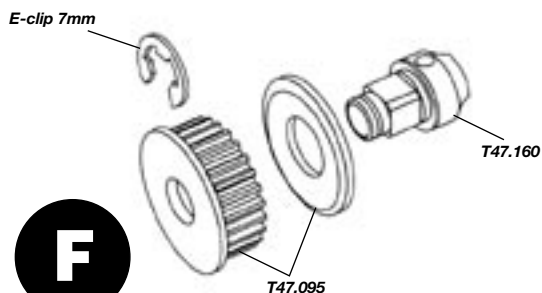
**Pulley 18T**

- Riemoverbrenging 18T
- Poulie 18D
- Riemscheibe 18Z

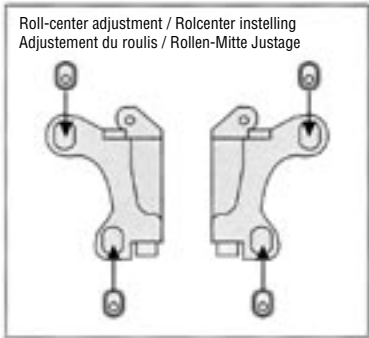
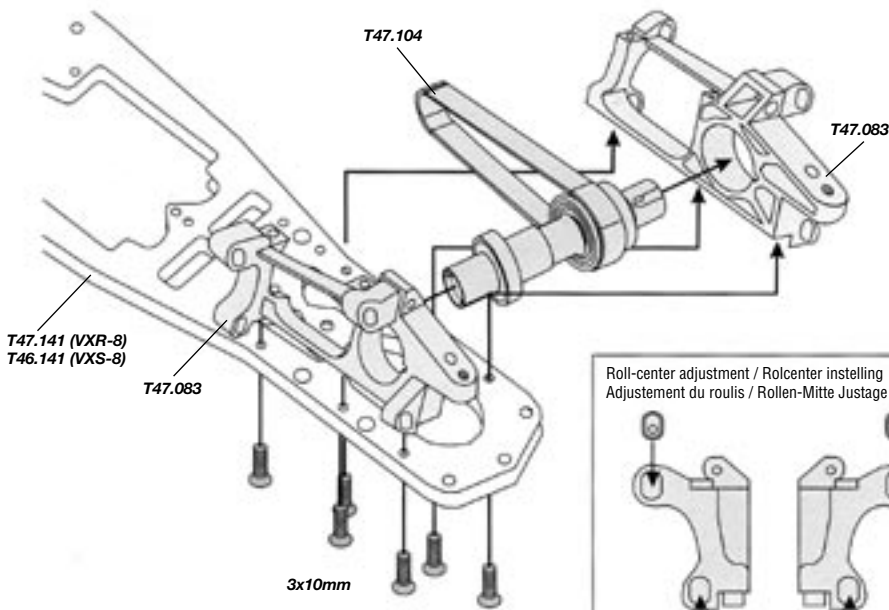


**Pulley 26T or 25T**

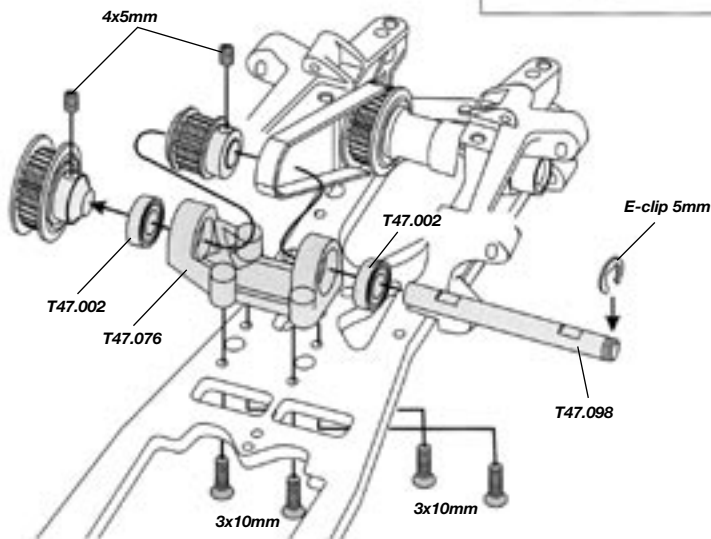
- Riemoverbrenging 26T of 25T
- Poulie 26D ou 25D
- Riemscheibe 26Z oder 25Z





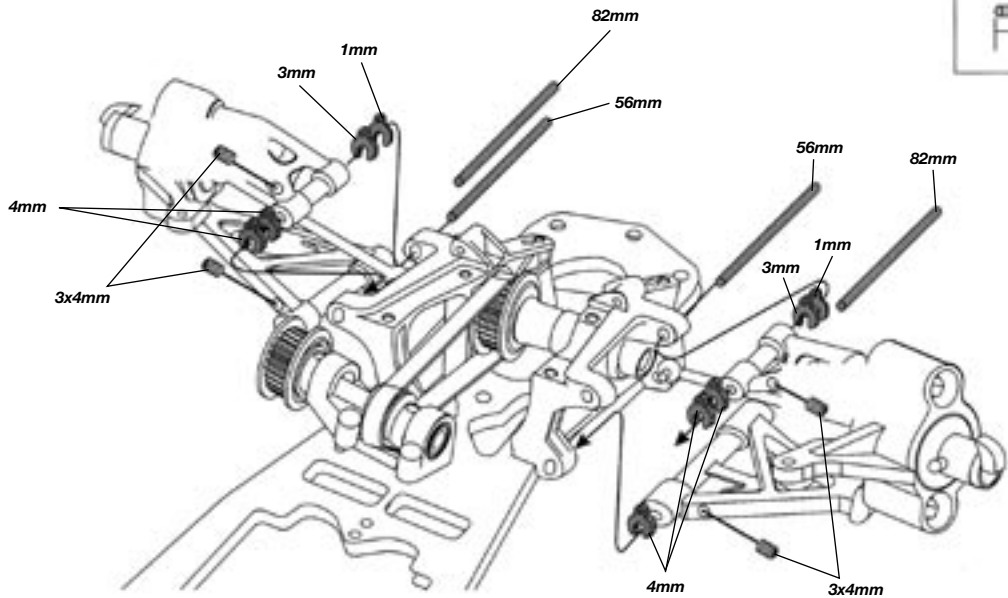
Mounting the transmission / Monteren van de overbrengingen  
 Montage de la transmission / Montierung von die Überbringungen






-  **x4**  
3x4mm
-  **x2**  
4x5mm
-  **x10**  
3x10mm



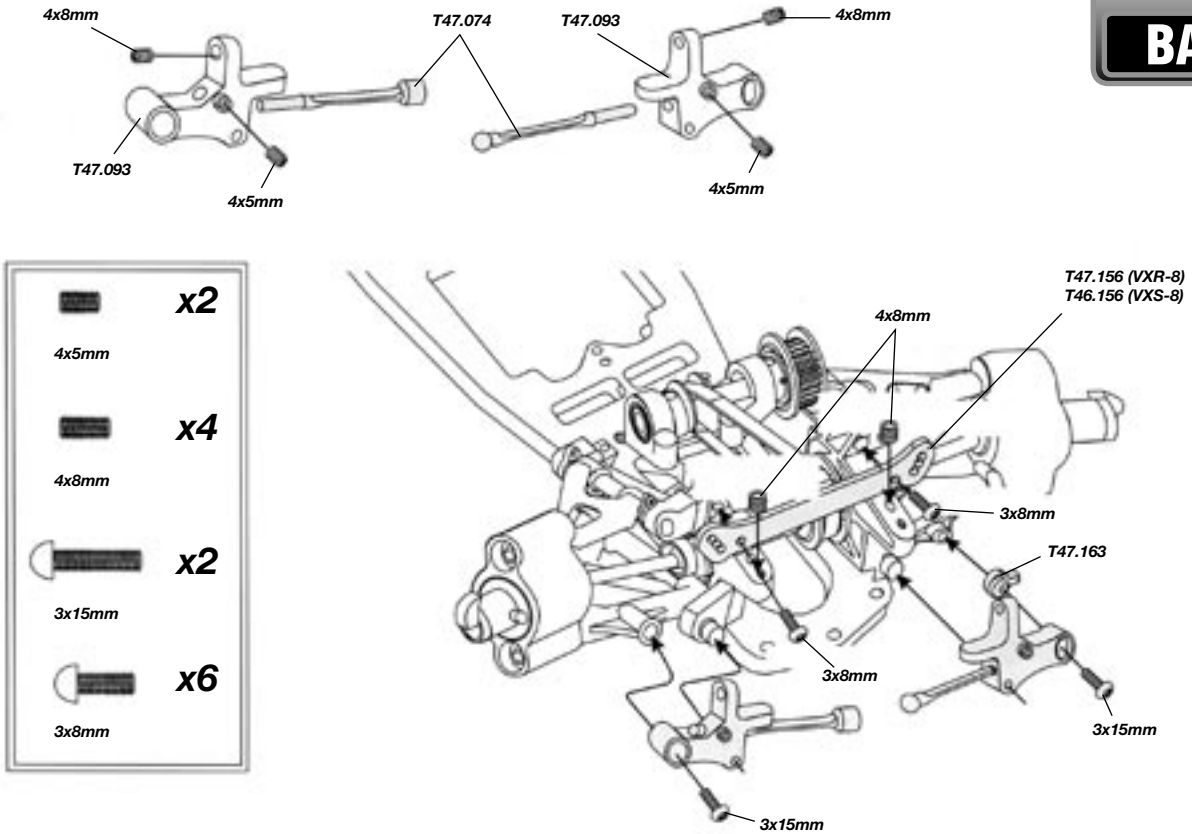
- T47.071
-  56mm
  -  82mm



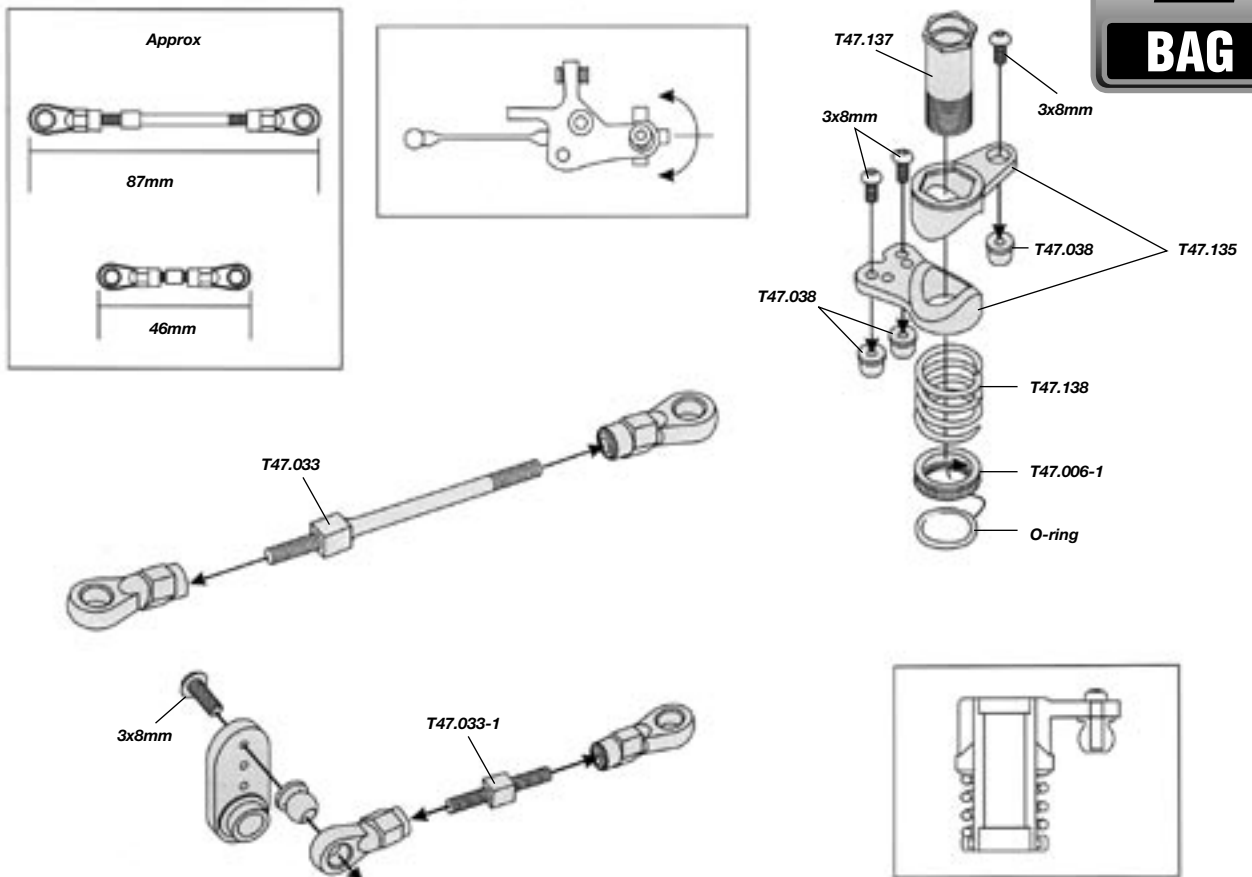
- T47.163
-  **x6**  
4mm
  -  **x2**  
3mm
  -  **x2**  
1mm



**Assembly of the front suspension / Montage van de voorste ophanging /  
Montage de la suspension AV / Montierung von die vordere Querlenker oben**

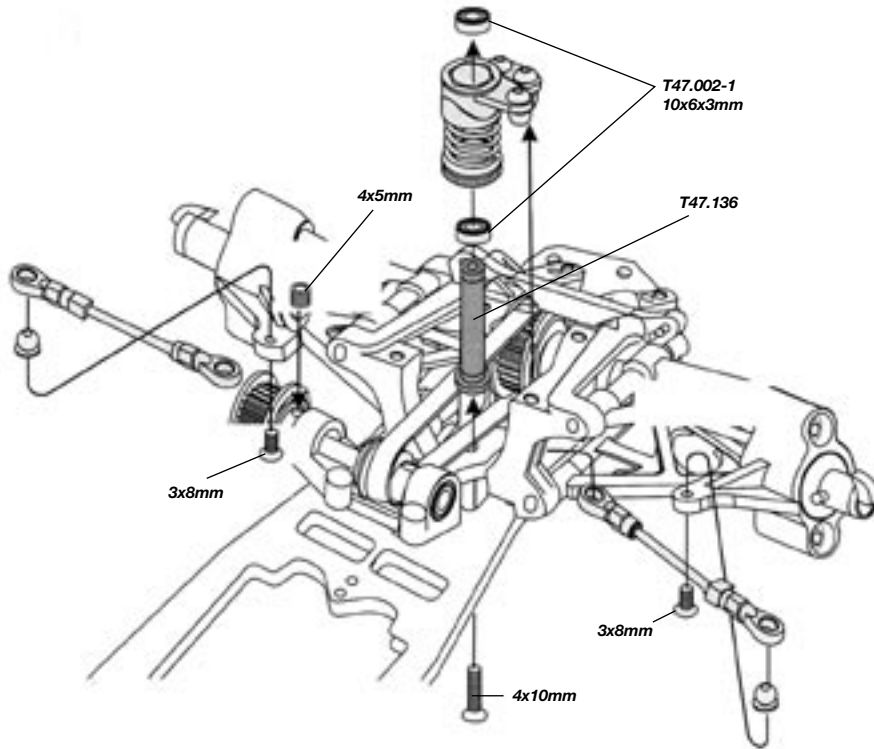


**Assembly of the servo saver / Samenstellen van de servo saver  
Assemblage du sauve-servo / Zusammenstellen des Servo Savers**

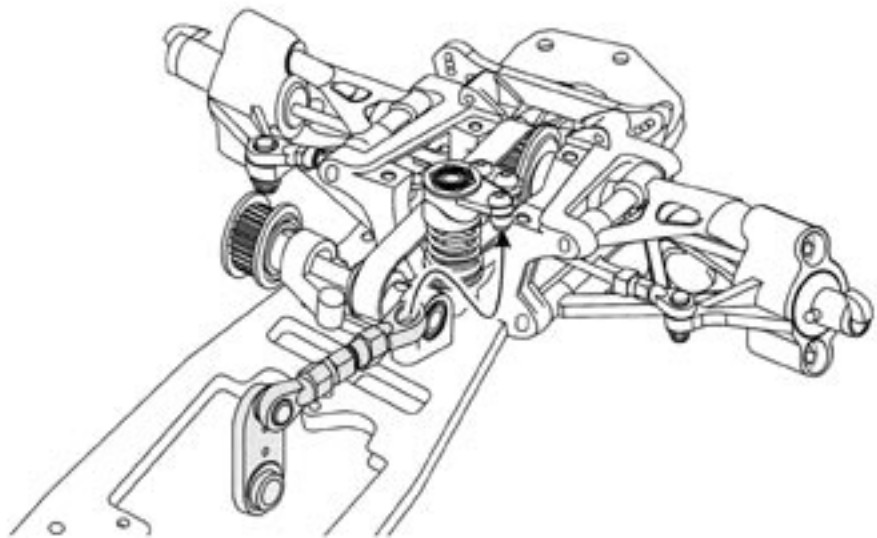




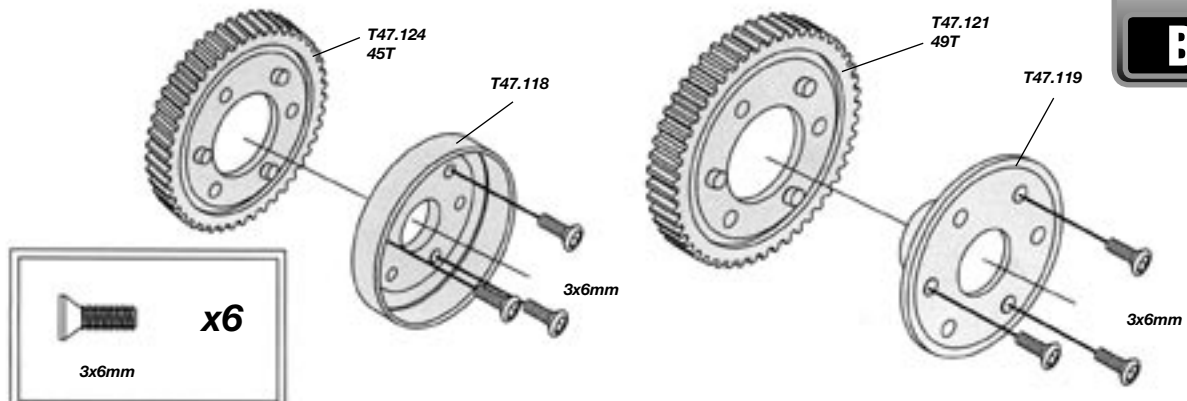
Mounting of the servo saver / Montage van de servo saver  
 Montage du sauve-servo / Montierung des Servo Saver



	<b>x1</b>
4x10mm	
	<b>x1</b>
4x5mm	
	<b>x2</b>
3x8mm	

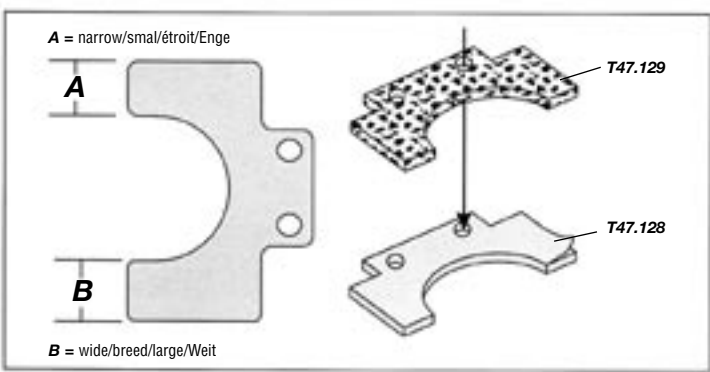
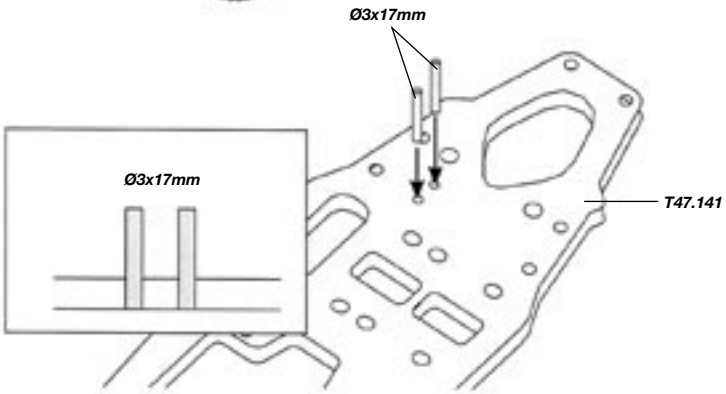
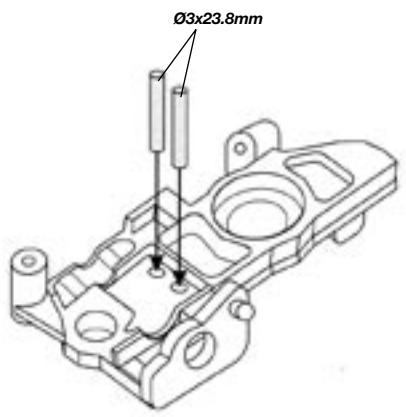
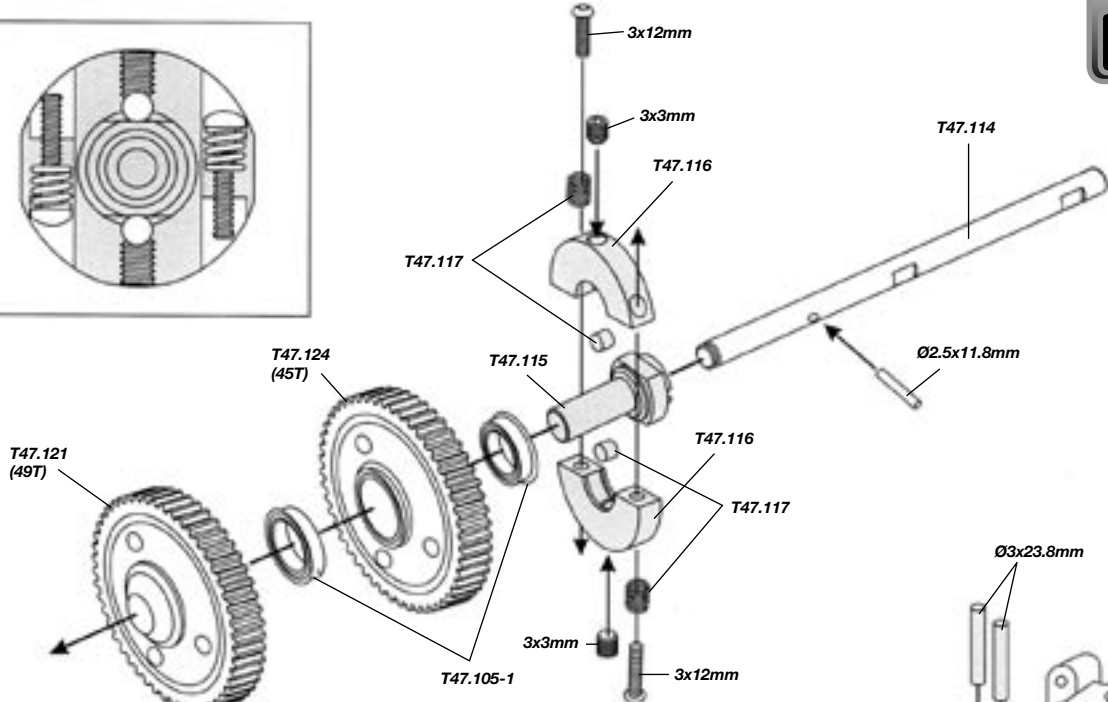
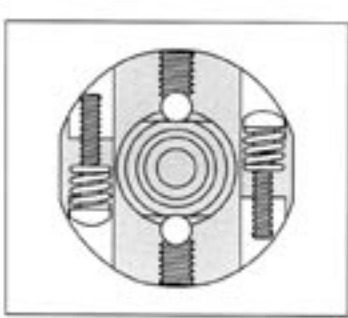


Assembling the gears / Samenstellen van de tandwielen  
 Assemblage des couronnes / Zusammenstellen von Zahnräder

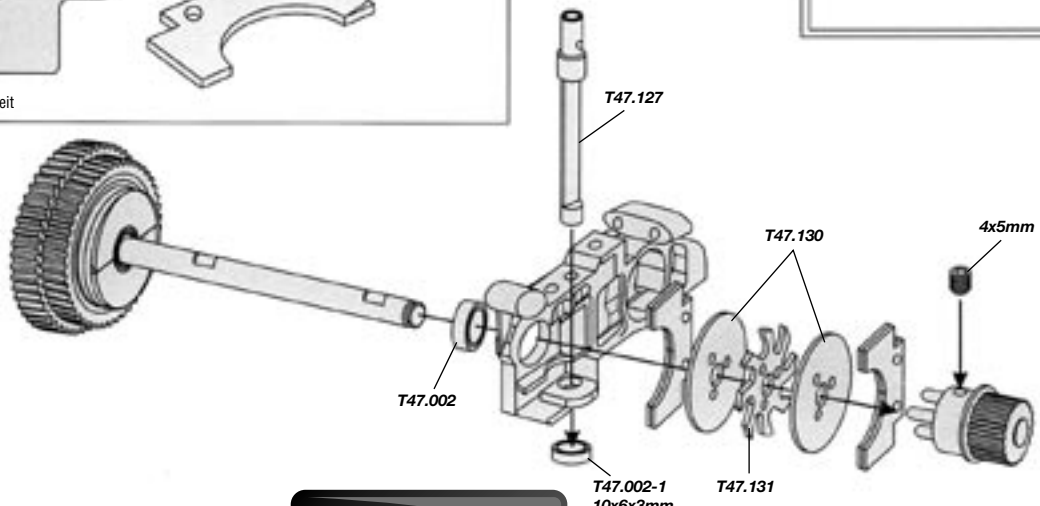


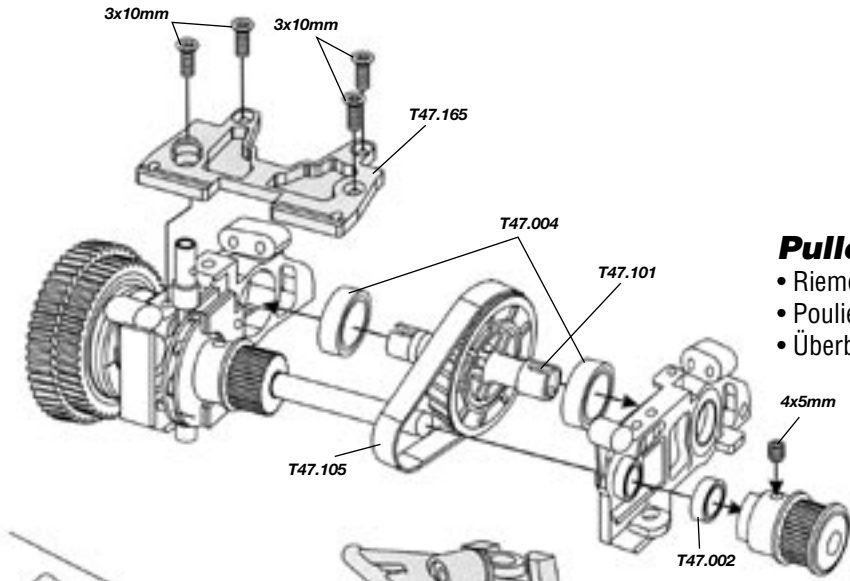
	<b>x6</b>
3x6mm	

Assembly of the gearbox / Samenstellen van de versnellingsbak /  
 Assemblage du réducteur / Zusammenstellen des Getriebes



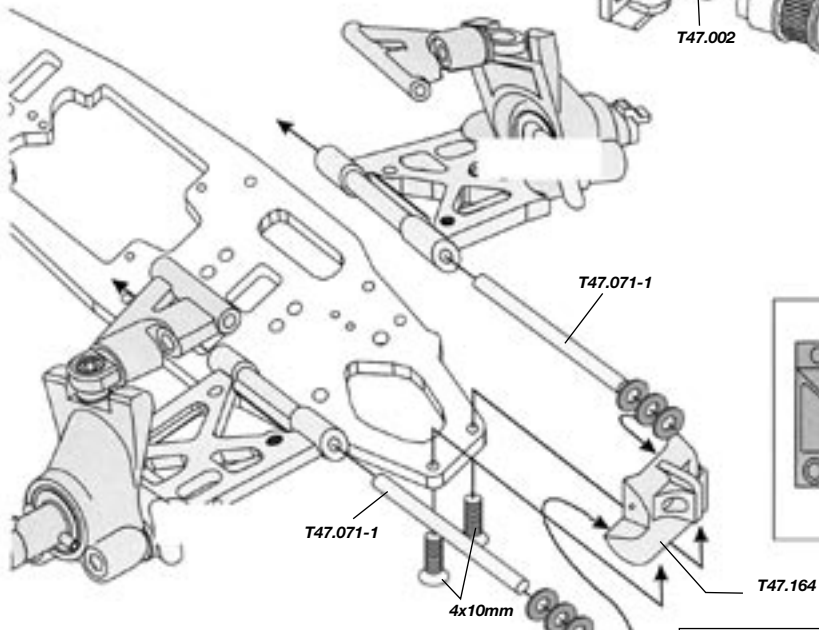
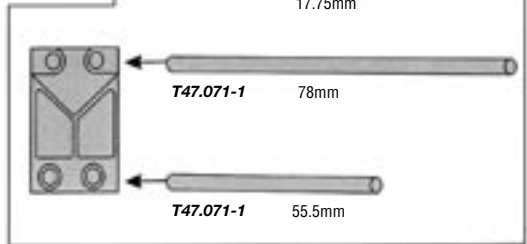
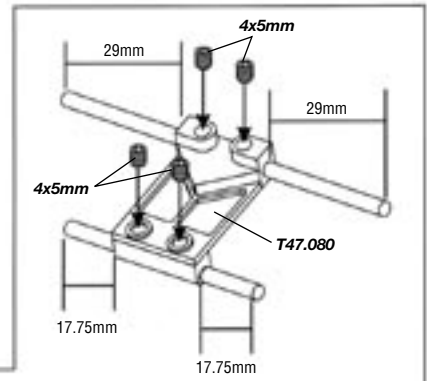
	x2
3x3mm	
	x1
4x5mm	
	x2
3x12mm	



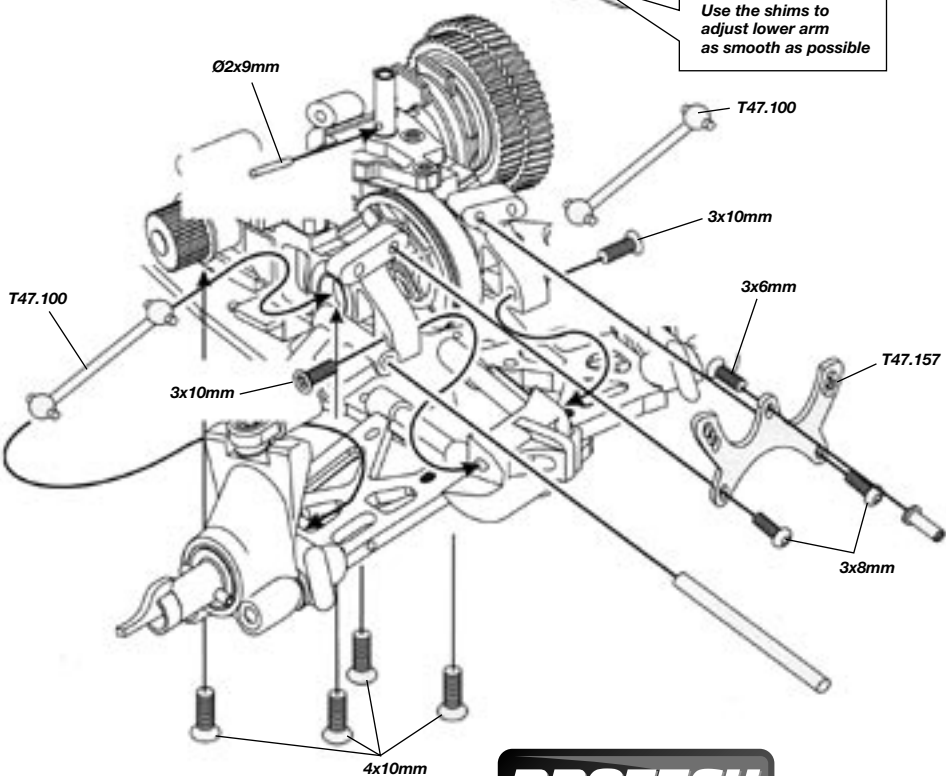


**Pulley 18T**

- Riemoverbrenging 18T
- Poulie 18D
- Überbringung 18Z

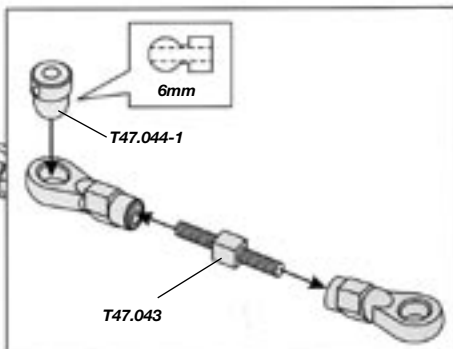
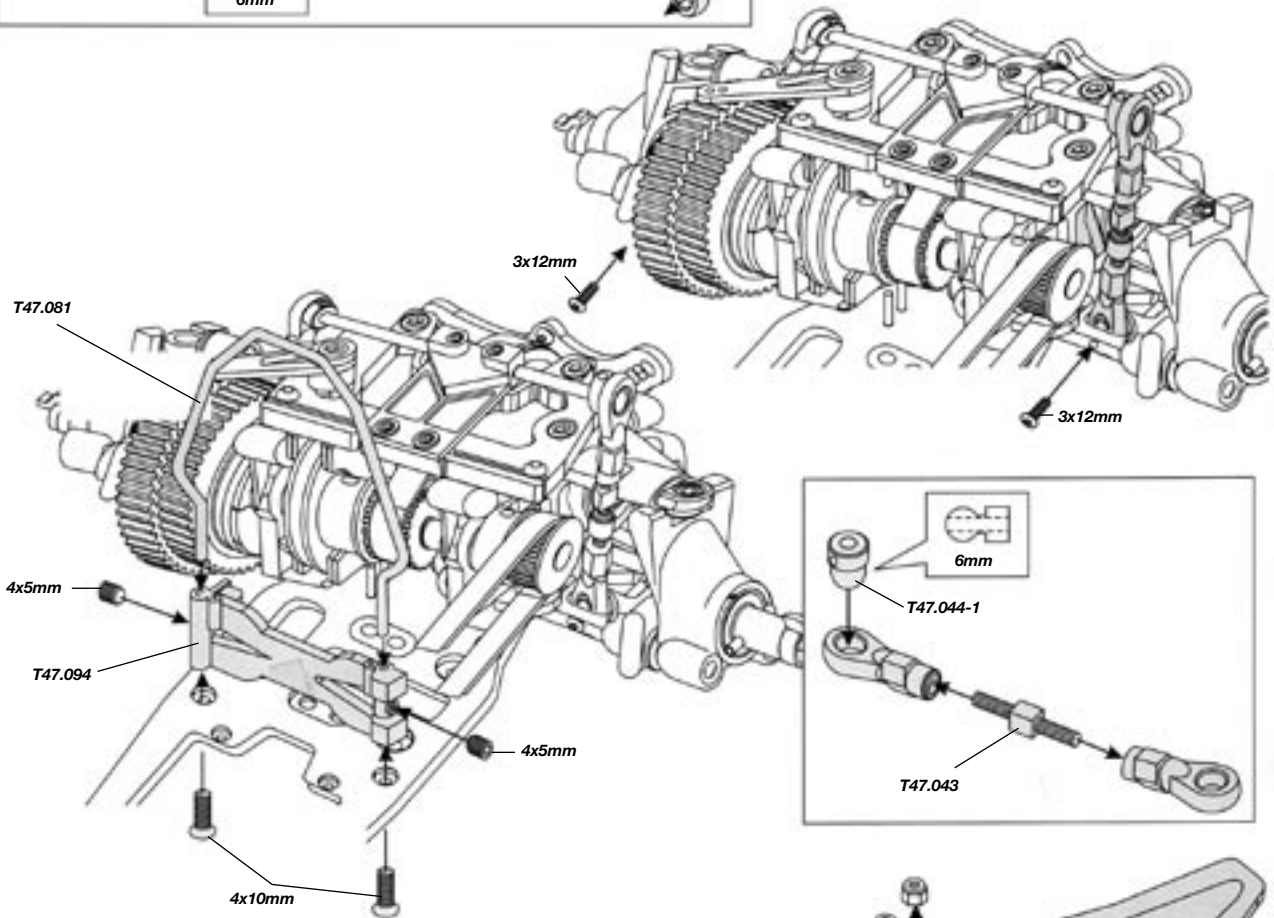
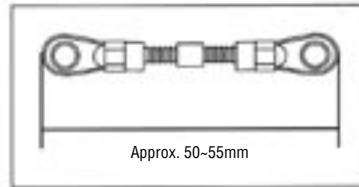
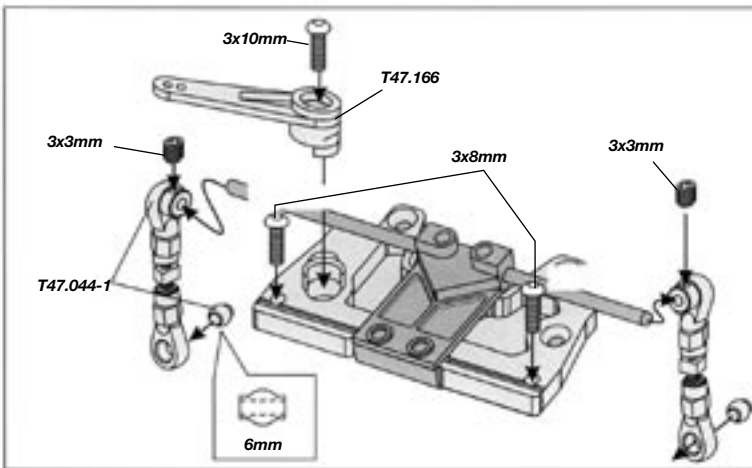


8x3,5x0,1mm  
 Use the shims to  
 adjust lower arm  
 as smooth as possible

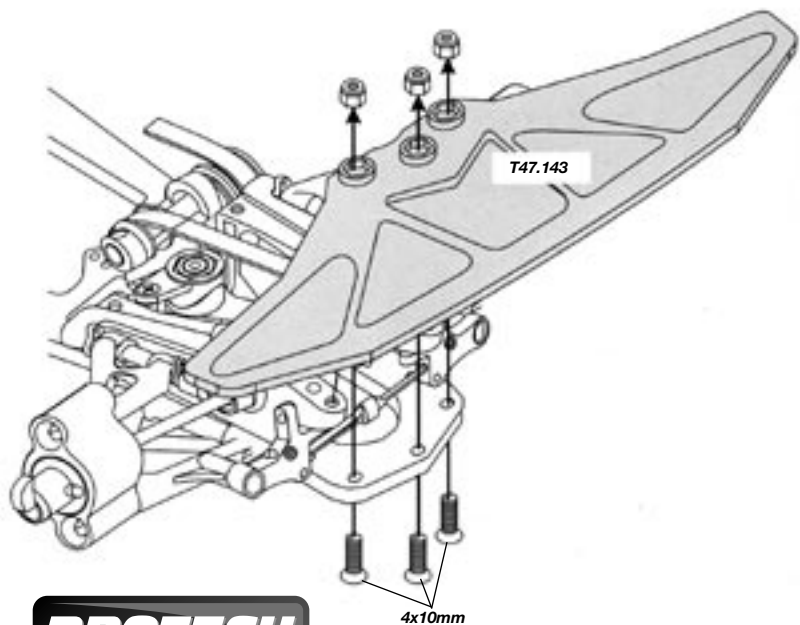


- |        |           |
|--------|-----------|
|        | <b>x6</b> |
| 4x10mm |           |
|        | <b>x6</b> |
| 3x10mm |           |
|        | <b>x2</b> |
| 3x8mm  |           |
|        | <b>x1</b> |
| 3x6mm  |           |
|        | <b>x5</b> |
| 4x5mm  |           |

Installing protection bar and bumper / Installeren van bescherming en bumper  
 Installation de l'arceau et du pare-chocs / Installieren von Schutzstabe und Stoßdämpfer



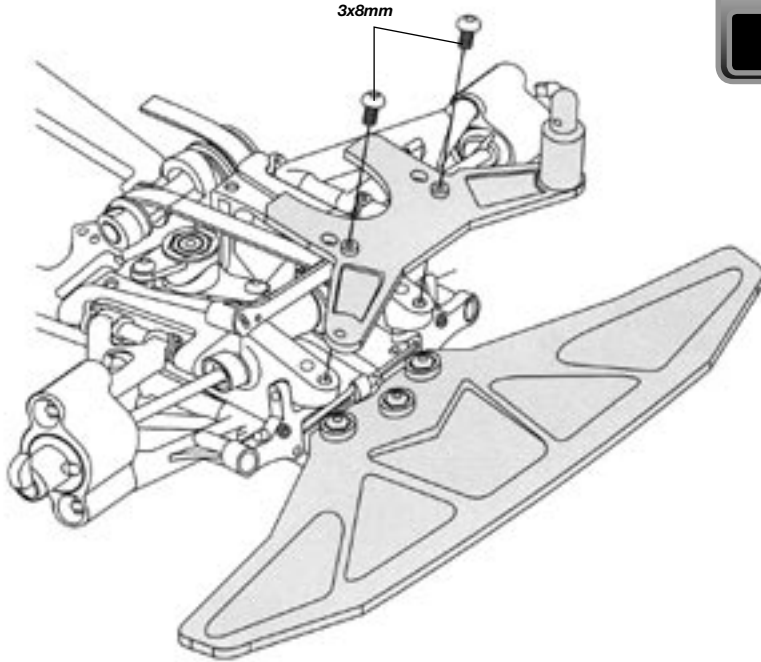
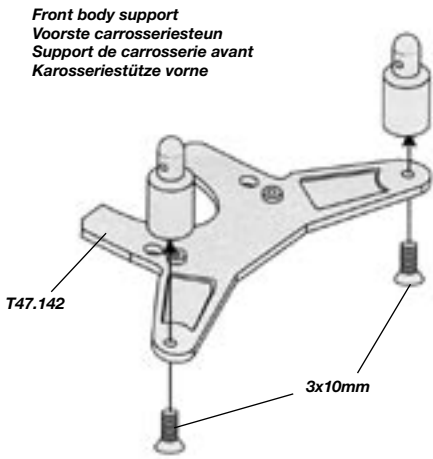
- |  |           |  |           |
|--|-----------|--|-----------|
|  | <b>x2</b> |  | <b>x2</b> |
|  | <b>x1</b> |  | <b>x2</b> |
|  | <b>x2</b> |  | <b>x3</b> |
|  | <b>x5</b> |  |           |



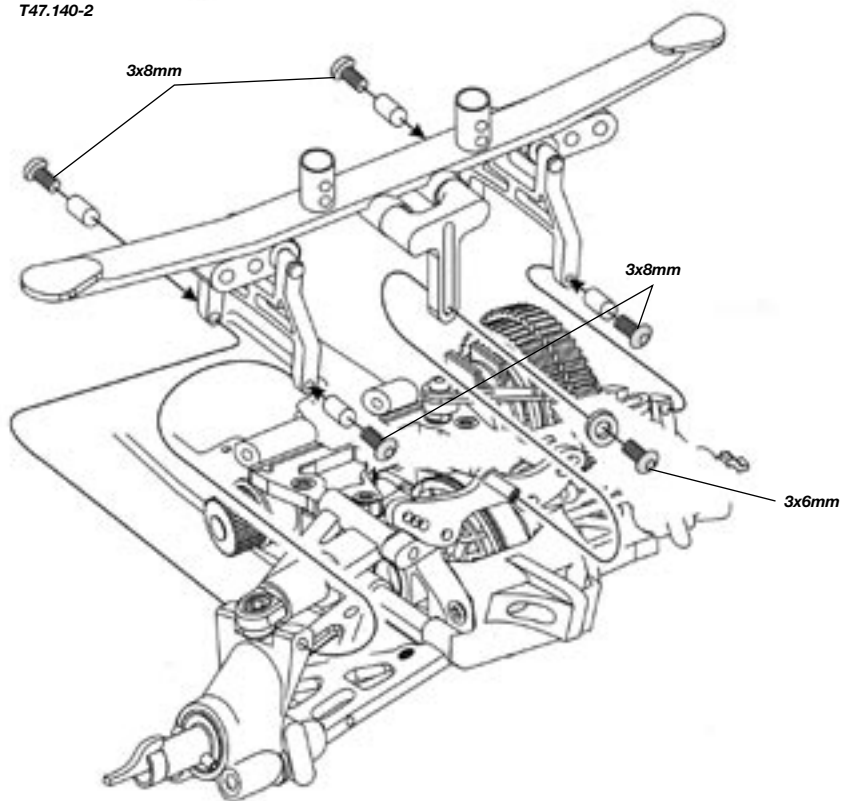
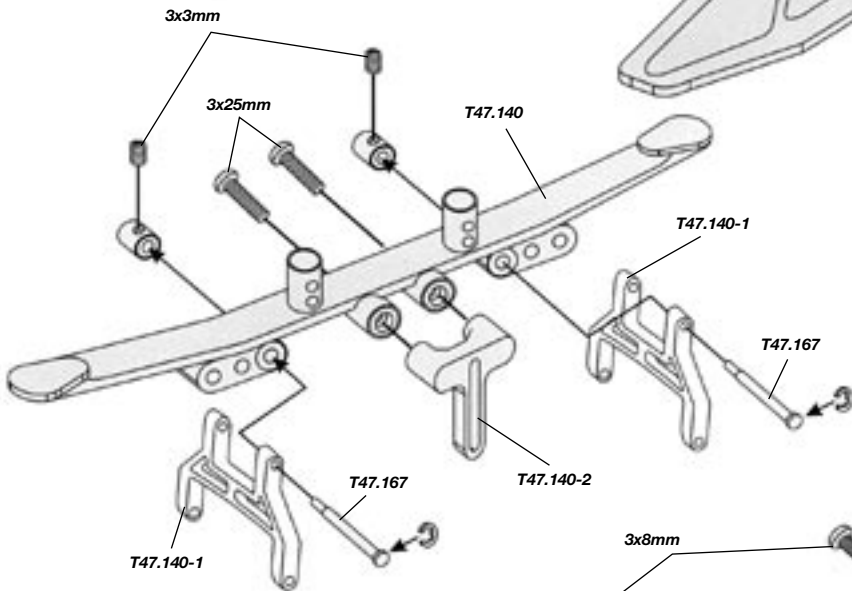
**Installing the body supports / Installeren van de carrossieresteunen**  
**Installation des supports de carrosserie / Installieren von Karosseriestützen**



**Front body support**  
 Voorste carrossieresteun  
 Support de carrosserie avant  
 Karosseriestütze vorne

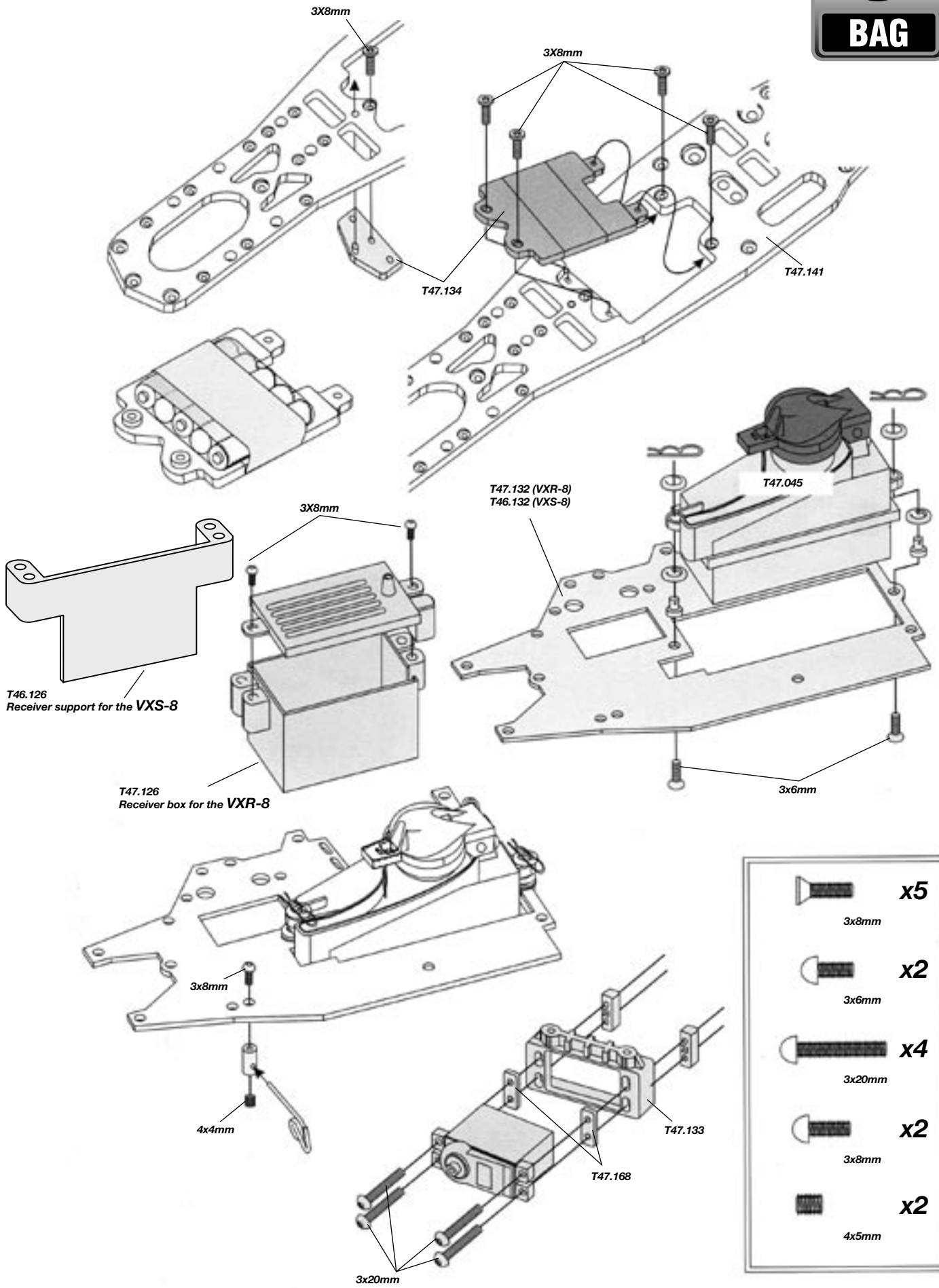







**Rear body support**  
 Achterste carrossieresteun  
 Support de carrosserie arrière  
 Karosseriestütze hinten



- |        |           |
|--------|-----------|
|        | <b>x2</b> |
| 3x25mm |           |
|        | <b>x6</b> |
| 3x8mm  |           |
|        | <b>x1</b> |
| 3x6mm  |           |
|        | <b>x2</b> |
| 3x10mm |           |
|        | <b>x2</b> |
| 3x3mm  |           |

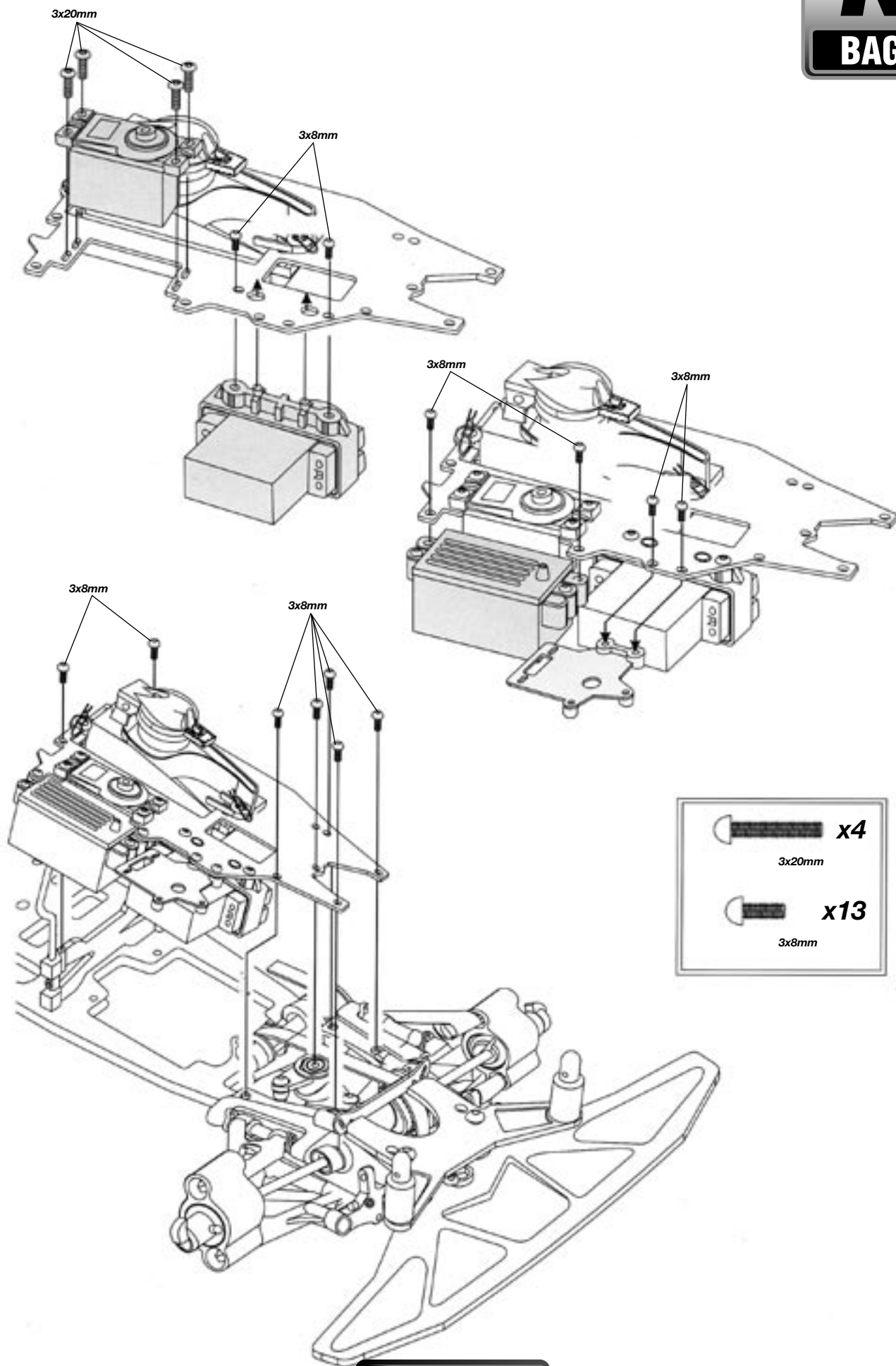
Installing batteryholder & Fuelbottle / Installeren batterijhouder en Brandstoftank  
 Installation du support de batterie et réservoir / Installieren von Akkühälter und Kraftstofftank



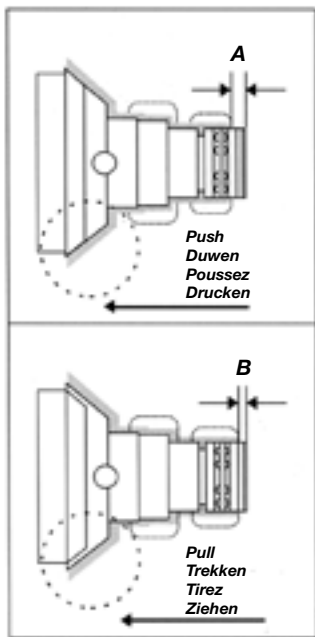
	<b>x5</b>
3x8mm	
	<b>x2</b>
3x6mm	
	<b>x4</b>
3x20mm	
	<b>x2</b>
3x8mm	
	<b>x2</b>
4x5mm	



Instaling servos & radioplaat / Installeren van servo's en radioplaat  
Installation des servos et de la platine radio / Installieren von Servos und RC-Platte



# Adjusting the clutch gap / Koppelingsspel aanpassen Réglage de la cloche d'embrayage / Justage des Kupplung Abstandes



Install only the clutchbell and the thrustbearing assembly on the engine crankshaft.  
Push the clutchbell onto the clutch shoe, and then measure the distance A as indicated.

Pull the clutchbell away from the clutch shoe, and then measure the distance B as indicated.

The clutch gap is A-B: the correct gap is 0.7mm. If the clutch gap is larger than 0.7mm, you can easily calculate the thickness of shims required to set the correct gap:

Thickness of shims required (in mm)=A-B-0.7

For example: Using the values A=1.3mm, B=0.3mm  
Shim thickness= 1.3-0.3-0.7=0.3mm

Place shims between the outer thrustbearing plate and the rim of the thrustbearing carrier as shown.

Réglage du jeu longitudinal de la cloche d'embrayage  
Installez la cloche d'embrayage avec le roulement (assemblé) sur le vilebrequin.  
Pressez la cloche contre les masselottes et mesurez la distance (A) indiquée sur le dessin.

Tirez sur la cloche et mesurez à nouveau la distance (B) indiquée sur le dessin.

Calcul: A-B = Le jeu correct devra être de 0.7mm. Si le jeu est supérieur à 0.7mm, ajoutez une ou plusieurs rondelles de réglage.

L'épaisseur est déterminée comme suit: A-B-0.7= épaisseur à ajouter (mm)

Par exemple: Si A=1.3mm et B=0.3mm

L'épaisseur de la rondelle sera = 1.3-0.3-0.7= 0.3mm

Placez la rondelle entre la flasque extérieure du roulement et le support du roulement.

Installeer de koppelingssklok en de kogellager op de motoras.  
Druk de koppelingssklok op de koppelingsschoen en meet dan de afstand A zoals afgebeeld.

Trek de koppelingssklok weg van de koppelingsschoen en meet dan de afstand B zoals afgebeeld.

De koppelingsspeling is A-B: de juiste afstand is 0.7mm. Als de afstand groter is dan 0.7mm kan je makkelijk uitrekenen welke dikte van de pasring je moet gebruiken om de juiste afstand te bekomen:

De dikte van de pasring (in mm)=A-B-0.7

Voorbeeld: Gebruik de waarden A=1.3mm, B=0.3mm  
Dikte van de pasring= 1.3-0.3-0.7=0.3mm

Plaats de pasring tussen de buitenste kogellagerplaat en opstaande rand van de kogellageras zoals afgebeeld.

Installieren Sie die Kupplungsglocke und den Kugellager auf die Motorwelle. Drücken Sie die Kupplungsglocke auf den Kupplungsbacken und Meßen Sie den Abstand A wie abgebildet.

Ziehen Sie die Kupplungsglocke vom Kupplungsbacken und Meßen Sie jetzt den Abstand B wie abgebildet.

Den zu justieren Abstand ist A-B: den Korrekten Abstand ist 0.7mm. Wenn den Abstand größer ist wie 0.7mm können Sie die Größe des Meßplättchens berechnen um den Korrekten Abstand zu bekommen: Die Größe vom Meßplättchen (in mm)=A-B-0.7

Zum Beispiel: Benutzen Sie die Abständen A=1.3mm, B=0.3mm  
Meßplättchen-Größe= 1.3-0.3-0.7=0.3mm

Schieben Sie das Meßplättchen zwischen die Äußere Kugellagerplatte und die Rande des Kugellagerwelles wie abgebildet.

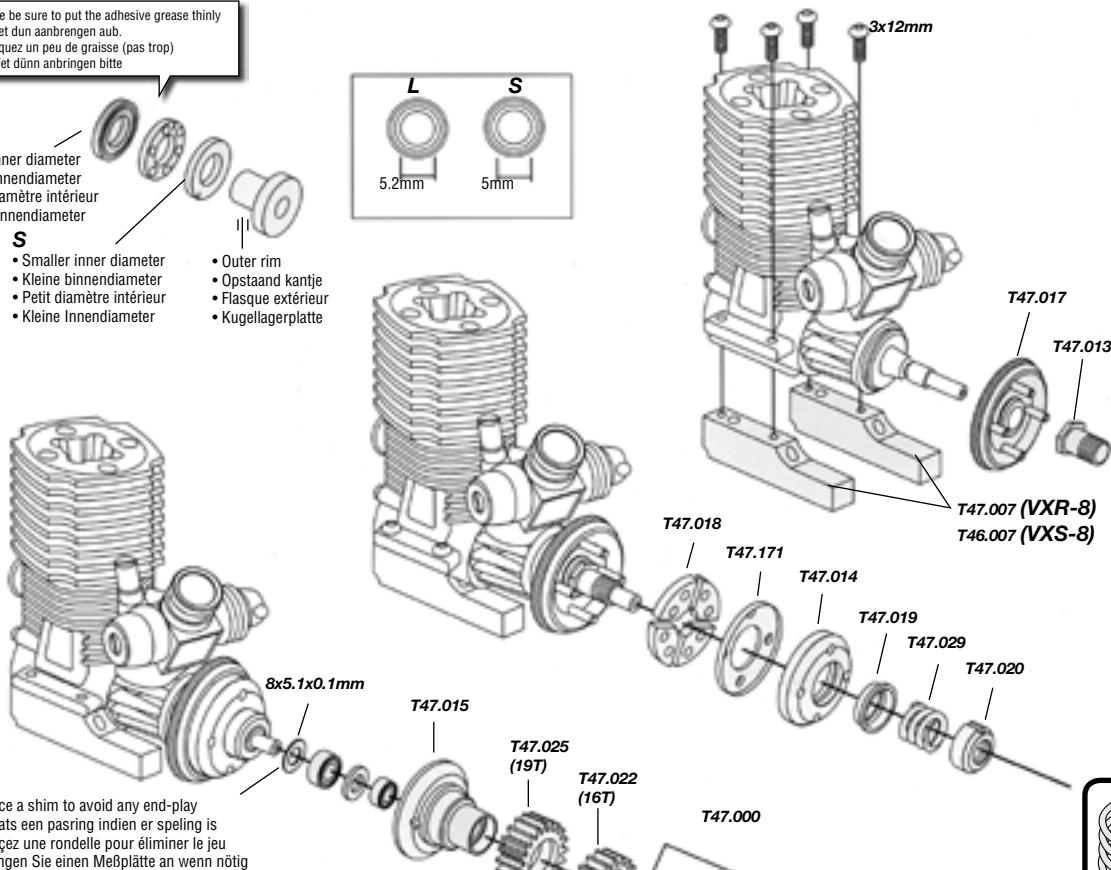
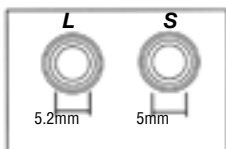
- Please be sure to put the adhesive grease thinly
- Het vet dun aanbrengen aub.
- Appliquez un peu de graisse (pas trop)
- Das Fet dünn anbringen bitte

- L**
- Larger inner diameter
  - Grote binnendiameter
  - Grand diamètre intérieur
  - Großen Innendiameter

**S**

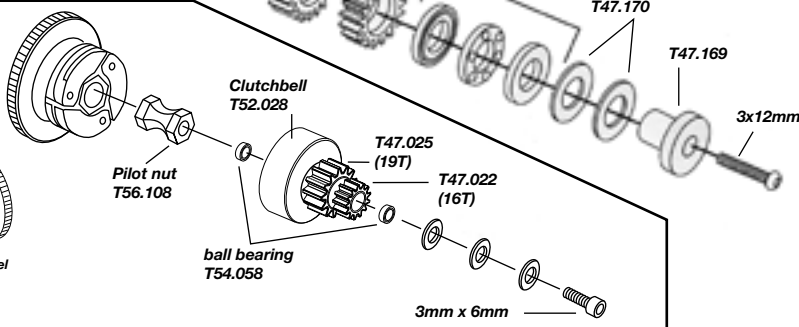
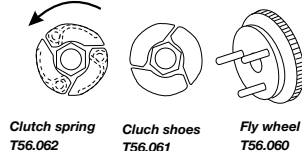
- Smaller inner diameter
- Kleine binnendiameter
- Petit diamètre intérieur
- Kleine Innendiameter

- Outer rim
- Opstaand kantje
- Flasque extérieur
- Kugellagerplatte



- Place a shim to avoid any end-play
- Plaats een pasring indien er speling is
- Placez une rondelle pour éliminer le jeu
- Bringen Sie einen Meßplatte an wenn nötig

ONLY FOR THE VXS-8  
ENKEL VOOR VXS-8  
NUR FÜR VXS-8  
SEULEMENT POUR LA VXS-8



**HEAVY CLUTCH SPRING**

T47.030	16kg
T47.031	20kg

**PINIONS**

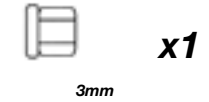
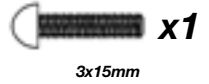
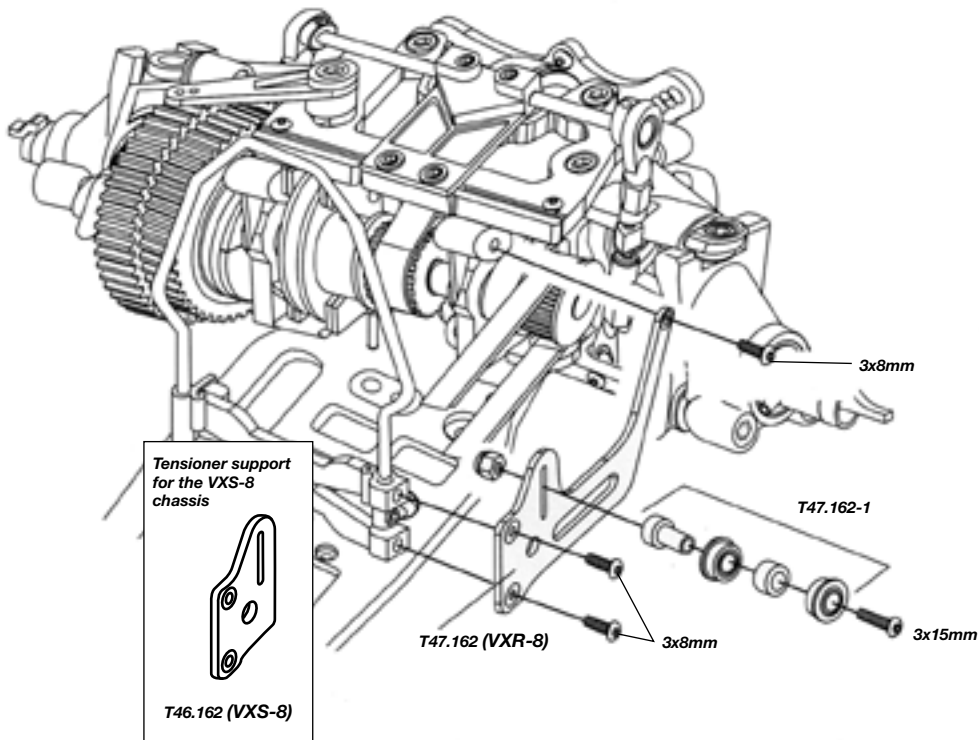
T47.023	Pinion (17T)
T47.024	Pinion (18T)
T47.026	Pinion (20T)
T47.027	Pinion (21T)



**Installing belt tensioner / Installeren van de riemspanner  
Installation du tendeur de courroie / Anbringen des Riemenspanners**

**M**

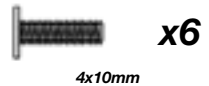
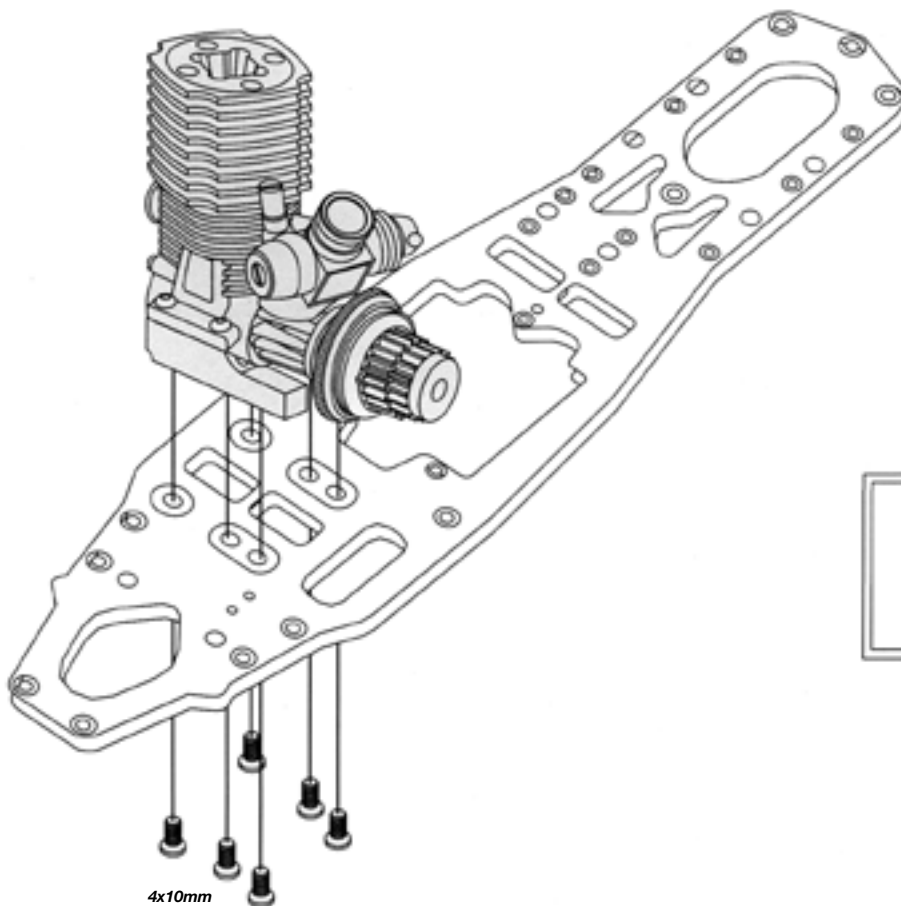
**BAG**



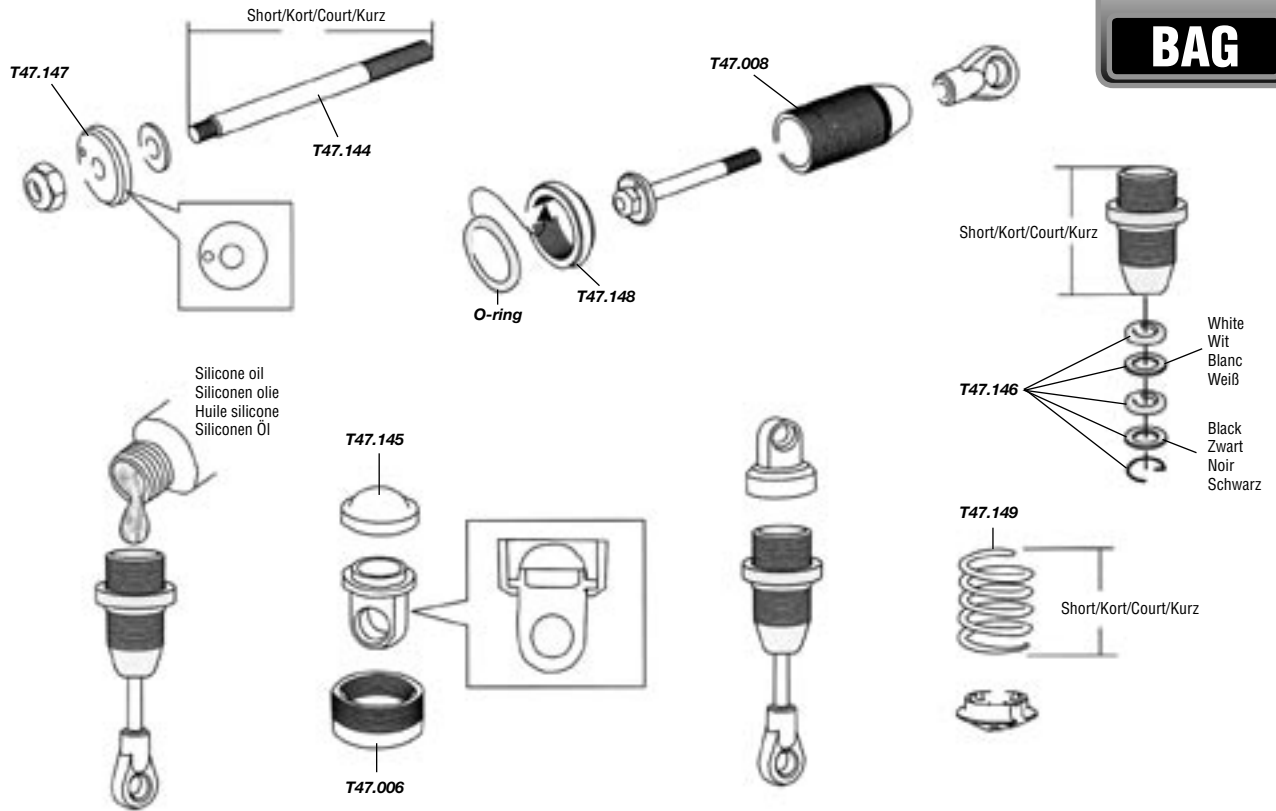
**Instaling the engine / Installeren van de motor  
Installation du moteur / Installieren von Motor**

**M**

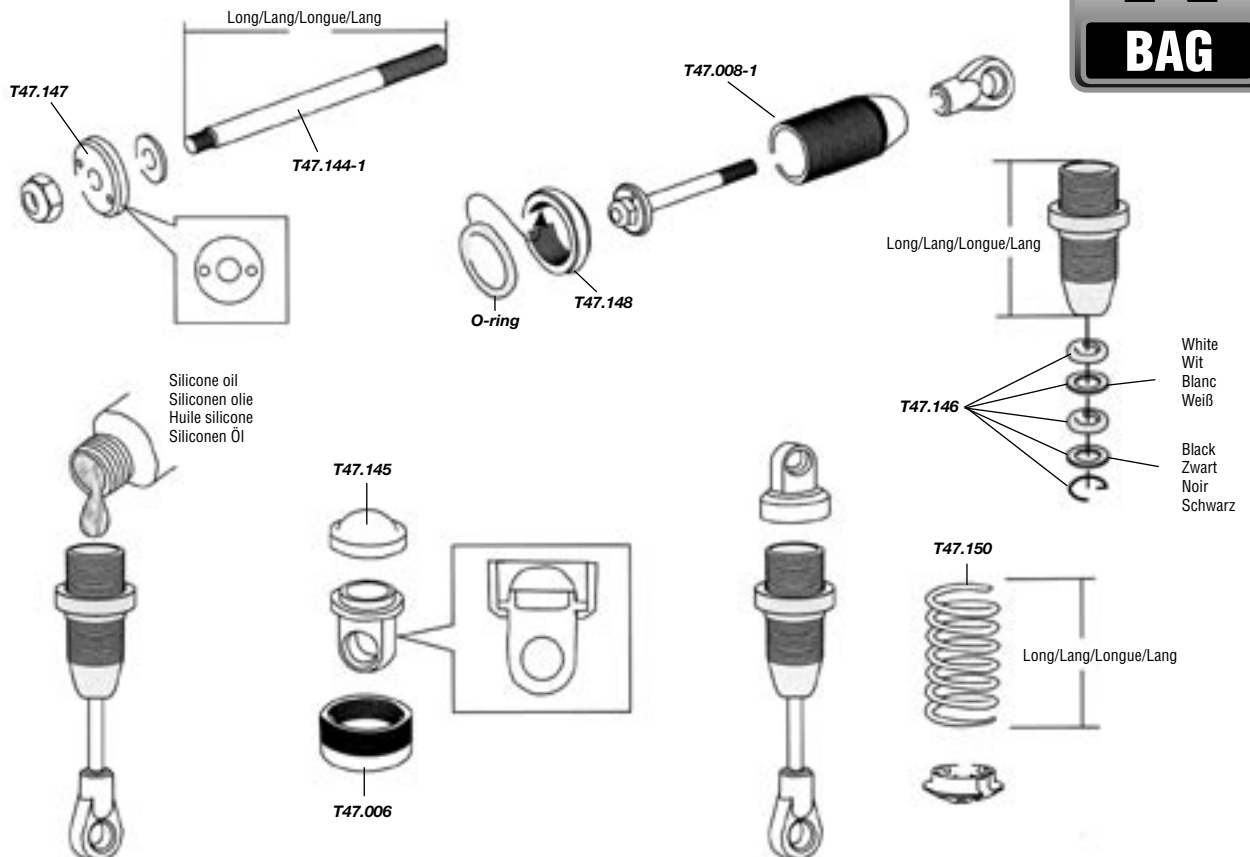
**BAG**



**Assembling the front shock absorbers / Samenstellen van de voorste schokdempers  
Assemblage des amortisseurs AV / Zusammenstellen von die vordere Stoßdämpfer**

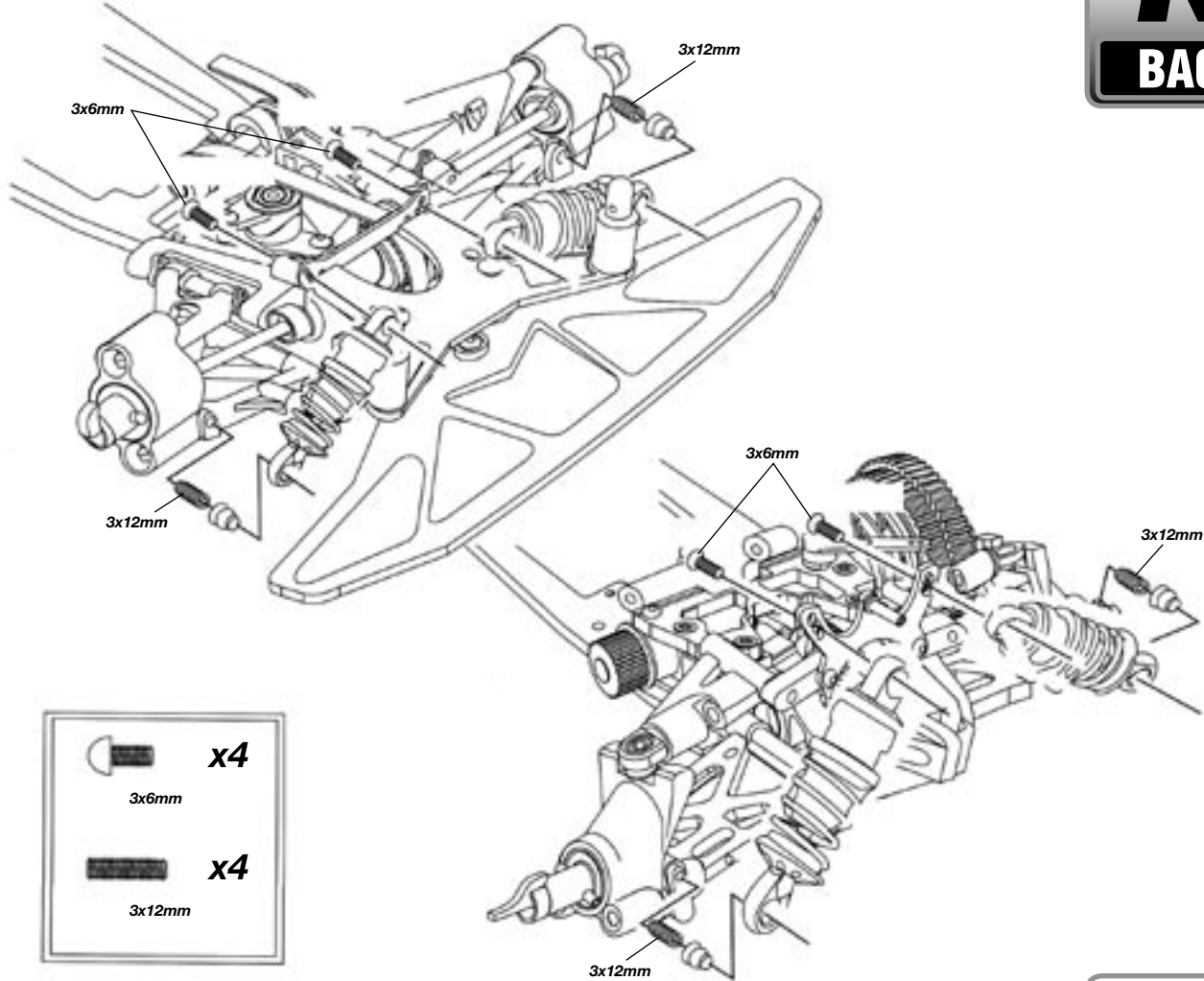


**Assembling the rear shock absorbers / Samenstellen van de achterste schokdempers  
Assemblage des amortisseurs AR / Zusammenstellen von die hintere Stoßdämpfer**



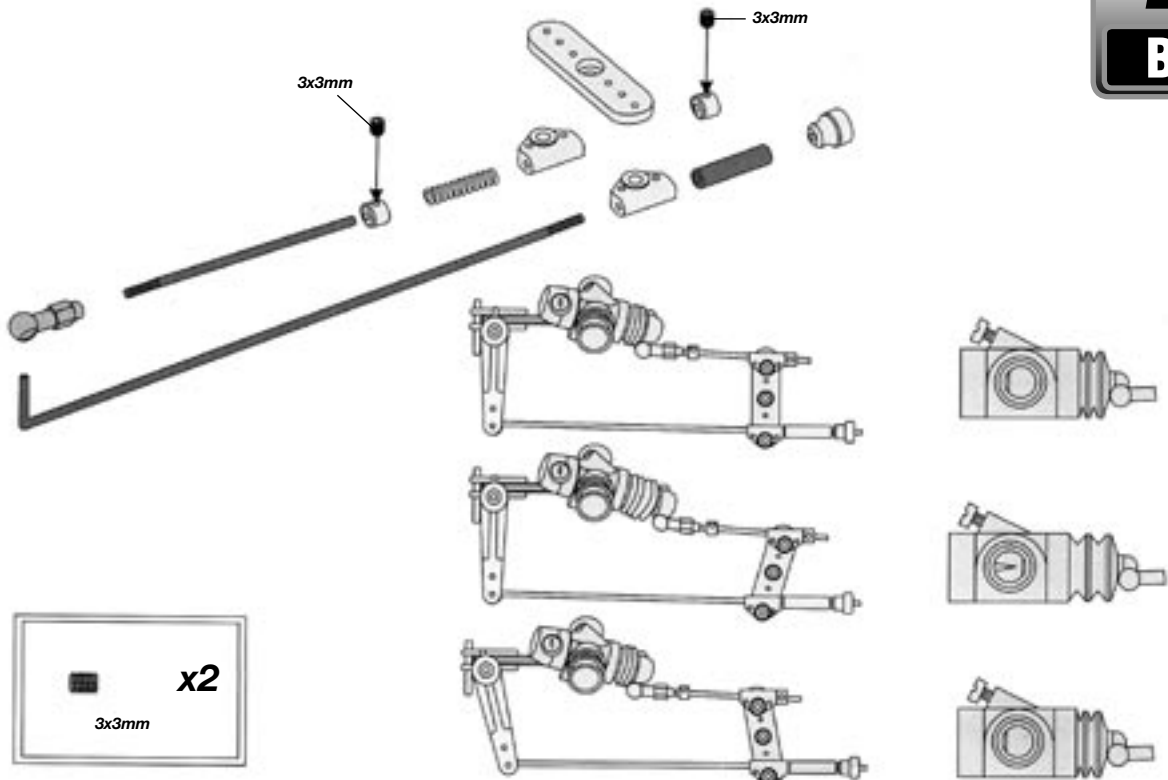
**Installing the shock absorbers / Monteren van de schokdempers  
Installation des amortisseurs / Montieren von Stoßdämpfer**

**N**  
**BAG**



**Assembly of the throttle linkage / Montage van de carburator aansturing /  
Montage de la commande du carburateur / Montieren von die Vergaser Anlenkung**

**N**  
**BAG**

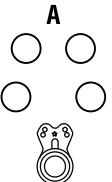
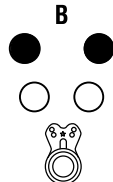


**Basic Set-up sheet / Afstellingen**  
**Feuille de réglage de base / Einstellungen**

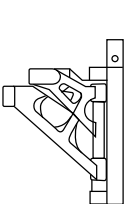
NAME \_\_\_\_\_ DATE \_\_\_\_\_

TRACK \_\_\_\_\_

**SERVO SAVER ARM**

A  B 

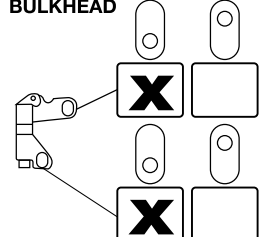
**FRONT UPPER ARMS**



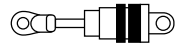
1MM 3MM 4MM  
 2  1

1MM 3MM 4MM  
 1  1

**BULKHEAD**



**FRONT**



OIL **40**

SPRING TYPE **YELLOW**

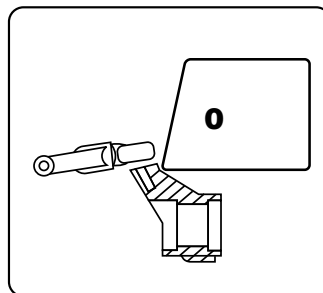
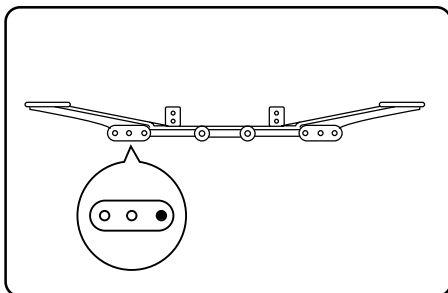
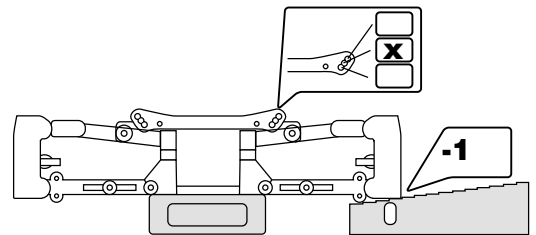
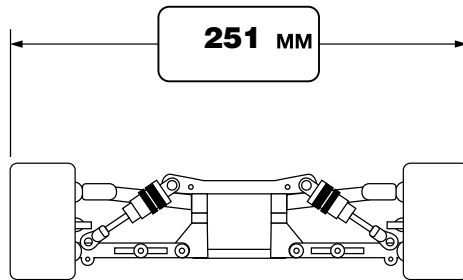
2  SOFT  MED  HARD

**FRONT**


CAMBER ANGLE 2 °

CASTER ANGLE 2 MM

TOE ANGLE OUT 1,5 °



**REAR**



OIL **40**

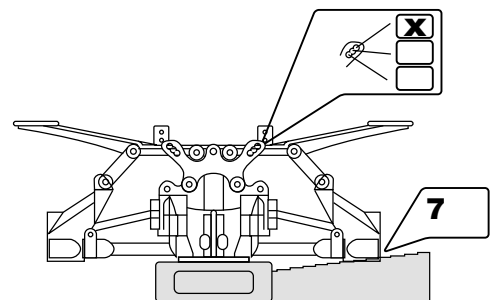
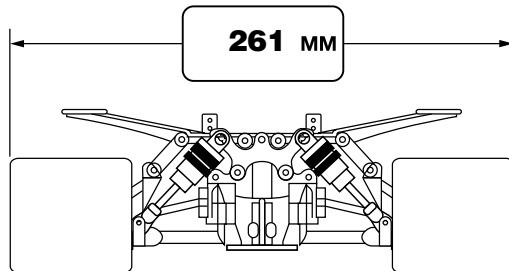
SPRING TYPE **YELLOW**

2  SOFT  MED  HARD

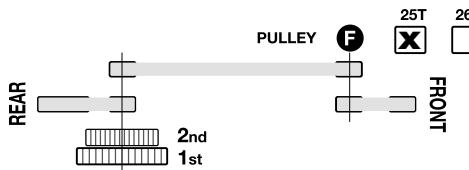
**REAR**

CAMBER ANGLE 3 °

TOE ANGLE IN 2 °



**TRANSMISSION RATIO**



REAR  25T  26T

PULLEY  F  F

FRONT

1st **16 / 49**

2nd **20 / 45**

**RESULT** \_\_\_\_\_

TOT. LAP \_\_\_\_\_

RACE TIME \_\_\_\_\_

BEST LAP \_\_\_\_\_

FUEL \_\_\_\_\_ NITRO % \_\_\_\_\_ OIL % \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

ENGINE \_\_\_\_\_

GLOWPLUG \_\_\_\_\_

GASKET \_\_\_\_\_ MM

TRACK CONDITIONS \_\_\_\_\_

AIR T° \_\_\_\_\_ TRACK T° \_\_\_\_\_

SURFACE \_\_\_\_\_ GRIP \_\_\_\_\_

**Set-up sheet / Afstellingen**  
**Feuille de réglage / Einstellungen**

NAME \_\_\_\_\_ DATE \_\_\_\_\_

TRACK \_\_\_\_\_

**SERVO SAVER ARM**

**FRONT UPPER ARMS**

**BULKHEAD**

**FRONT**

OIL

SPRING TYPE

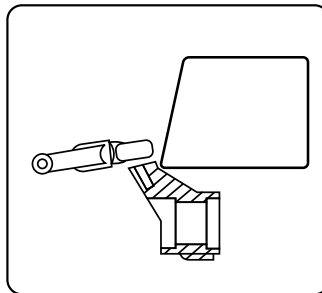
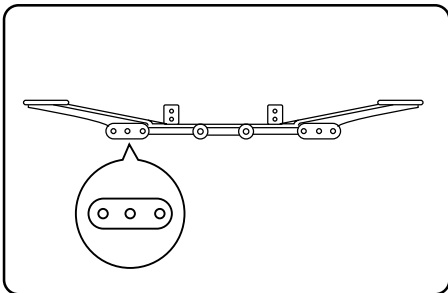
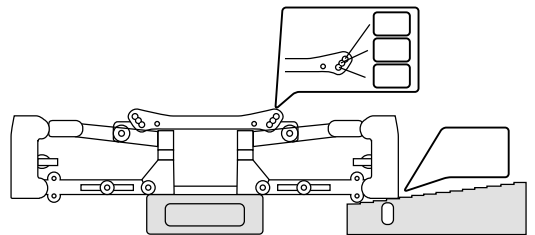
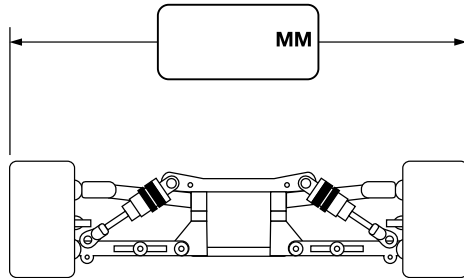
SOFT MED HARD

**FRONT**

CAMBER ANGLE

CASTER ANGLE \_\_\_\_\_ MM

TOE ANGLE



**REAR**

OIL

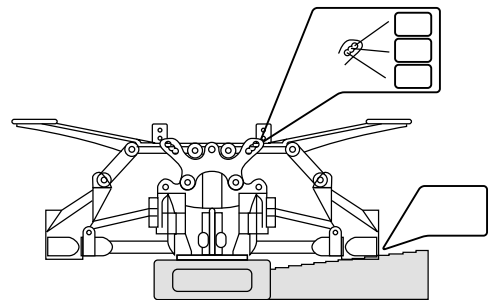
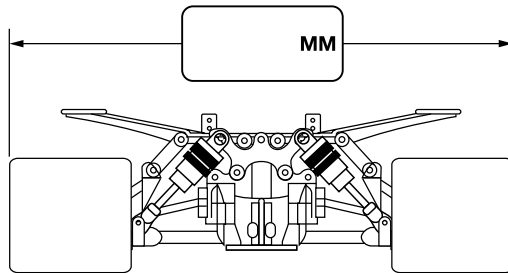
SPRING TYPE

SOFT MED HARD

**REAR**

CAMBER ANGLE

TOE ANGLE



**TRANSMISSION RATIO**

REAR

PULLEY **F**

25T  26T

FRONT

2nd  1st

**GEARBOX RATIO**

1st \_\_\_\_\_ / \_\_\_\_\_

2nd \_\_\_\_\_ / \_\_\_\_\_

**RESULT** \_\_\_\_\_

TOT. LAP \_\_\_\_\_

RACE TIME \_\_\_\_\_

BEST LAP \_\_\_\_\_

FUEL \_\_\_\_\_ NITRO % \_\_\_\_\_ OIL % \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

ENGINE \_\_\_\_\_

GLOWPLUG \_\_\_\_\_

GASKET \_\_\_\_\_ MM

TRACK CONDITIONS \_\_\_\_\_

AIR T° \_\_\_\_\_ TRACK T° \_\_\_\_\_

SURFACE \_\_\_\_\_ GRIP \_\_\_\_\_

**Spare Parts & Optional parts list / Onderdelenlijst  
Liste des pièces détachées & options / Sonderzubehör**

T46.007	Engine mounts <b>VXS-8</b>
T46.126	Receiver support <b>VXS-8</b>
T46.132	Aluminium radio tray <b>VXS-8</b>
T46.141	6065 aluminium chassis <b>VXS-8</b>
T46.156	Aluminium shocktower <b>VXS-8</b>
T46.162	Belt tensioner support <b>VXS-8</b>
T47.000	Thrust bearing 10x5x4, set
T47.001	Bearings 10x5x4, 2pcs
T47.002	Bearings 13x6x5, 2pcs
T47.002-1	Bearings 6x10x3, 3pcs
T47.003	Flat head socket, 6pcs
T47.004	Bearings 21x12x5, 2pcs
T47.005	Bearing 10x5x4, 1pc
T47.005-1	Flanged bearings 12x8x3, 2pcs
T47.006	Alum. Shock caps, 2pcs
T47.006-1	Servo saver retainer, 2pcs
T47.007	7075 Engine mounts, 1pc
T47.008	Front Shock Bodies, short, 2pcs
T47.008-1	Rear Shock Bodies, long, 2pcs
T47.009	Front Shock, set
T47.010	Rear Shock, set
T47.011	1/8 airfilter
T47.013	SG Clutch Nut
T47.014	Large Clutch Shoe
T47.015	7075 T6 Clutch Bell
T47.017	7075 Machined Flywheel
T47.018	Small Clutch Shoes, 4pcs
T47.019	Clutch Spring Retainer
T47.020	Clutch Spring Adjuster
T47.022	7075 T6 Pinion (std), 16T
T47.025	7075 T6 Pinion (std), 19T
T47.029	Heavy Clutch Spring, 12kg
T47.033	Front Turnbuckle Set
T47.034	Servo steering linkage

T47.035	Antenna Tube, 2pcs
T47.037	E-Clip Set
T47.038	6mm Steel Ball, 10pcs
T47.039	8mm Steel Ball, 2pcs
T47.040	Pin set
T47.041	6mm Ball Ends, 10pcs
T47.041-1	8mm Ball Ends, 2pcs
T47.043	R Turnbuckle, 2pcs
T47.044-1	6mm Steel ball, 10pcs
T47.045	Fuel Tank
T47.047	Alum. Pipe Mount
T47.048	Spring Wire
T47.071	F/R Hingepin 3,5mm, set
T47.071-1	Shaft 3mm, 2pcs
T47.073	Short Pivot Balls, 4pcs
T47.073-1	Long Pivot Balls, 4pcs
T47.074	Front Sway Bar
T47.075	Rear Upper Turnbuckles
T47.076	Front Layshaft Mount
T47.077	Pivot Ball Retainers
T47.078	Shims 12x18x0.5mm, 10pcs
T47.079	Shims 12x18x0.3mm, 10pcs
T47.080	Rear Sway Bar Mount
T47.081	Roll Bar
T47.082	3.5mm Pin, 8pcs
T47.083	Front Bulkhead, set
T47.084	Rear Bulkhead, set
T47.086	Front Upper Arm, 1pcs
T47.087	Rear Upper Arm, 1pcs
T47.088	Front Lower Arm, 1pcs
T47.089	Rear Lower Arm, 1pcs
T47.090	Rear Hub Carriers
T47.092	Rear steering, 8pcs
T47.093	Front Sway Bar Mount
T47.094	Radio Tray Mount

T47.095	Pulley Set
T47.096	One-way Outdrives
T47.097	L/R Front Knuckles
T47.098	Front Layshaft
T47.099	Front QC Levers
T47.099-1	Quick Change Springs, 4pcs
T47.100	Reae Dogbones, 2pcs
T47.101	Rear Solid Axle
T47.102	Front QC Axles, 2pcs
T47.102-1	Rear QC Axles, 2pcs
T47.103	Rear QC Lever
T47.104	Bando Belt-Front
T47.105	Bando Belt-Rear
T47.106	Bando Belt-Rear
T47.110	Front Oneway Axle
T47.111	Front Dogbones, 2pcs
T47.114	Rear Layshaft
T47.115	2-Speed Shaft
T47.116	2-Speed Shoes, 2pcs
T47.117	2-Speed Springs/Barrels
T47.118	2nd Gear Plate
T47.119	1st Gear Plate w/bearing
T47.120	50T Spur(opt)
T47.121	49T Spur(std)
T47.122	48T Spur(opt)
T47.123	44T Spur(opt)
T47.124	45T Spur(std)
T47.125	46T Spur(opt)
T47.126	Receiver Case
T47.127	Brake Actuator
T47.128	Brake Calipers
T47.129	Brake Pads
T47.130	Brake Discs(2)
T47.131	Brake Cooler
T47.132	Carbon Radio Tray

**Spare Parts & Optional parts list / Onderdelenlijst  
Liste des pièces détachées & options / Sonderzubehör**

T47.133	Steering Servo Mount
T47.134	Battery Tray
T47.135	Servo Saver Bellcrank
T47.136	Servo Saver Post
T47.137	Aluminum Post
T47.138	Servo Saver Spring
T47.140	Rear Body Mount
T47.140-1	R Body Mount Support
T47.140-2	R Body Mount Brace
T47.141	7075 T6 Machined Chassis
T47.142	F Body Mount Plate
T47.143	Bumper
T47.144	Front Shock Shafts, small, 2pcs
T47.144-1	Rear Shock Shafts, long, 2pcs
T47.145	Shock Diaphragms, 4pcs
T47.146	Shock Rebuild Kit
T47.147	Shock Pistons F/R, 4pcs
T47.148	Shock Spring Adjusters, 2pcs
T47.149	Front Springs(Gray)1.8mm
T47.150	Rear Springs(Gray)1.8mm
T47.151	Front Springs(yellow)1.9mm
T47.152	Rear Springs(yellow)1.9mm
T47.156	Carbon F Shock Tower
T47.157	Carbon R Shock Tower
T47.159	Short Pulley Holder 16T
T47.160	Long Pulley Holder 18T,25T,26T
T47.161	Brake Pulley Mount 20T
T47.162	Left Side Alum. Brace
T47.162-1	Belt Tensioner Set 8x5x3/2
T47.163	Caster Clips
T47.164	Rear Bulkhead Cap
T47.165	Rear Bulkhead Brace
T47.166	Brake Lever
T47.167	Rear Body Mount Hardware
T47.168	Servo Mounts/Spacers

T47.169	Thrust Bearing Carrier
T47.170	Clutch Shims 8x5.1x0.1mm, 10pcs
T47.170-1	Clutch Shims 8x3.5x0.1mm, 10pcs
T47.171	Clutch Plate
T47.172	Hardware Set
	<b>OPTIONAL PARTS For VXR-8 &amp; VXS-8</b>
T47.023	7075 T6 Pinion (std), 17T
T47.024	7075 T6 Pinion (std), 18T
T47.026	7075 T6 Pinion (std), 20T
T47.027	7075 T6 Pinion (std), 21T
T47.030	Heavy clutch spring - 16kg
T47.031	Heavy clutch spring - 20kg
T47.200	Push-type Clutch Set
T47.211	7075 F Sway Bar Mounts
T47.212	7075 R Sway Bar Mounts
T47.213	Carbon Battery Tray
T47.214	Carbon Side Brace
T47.215	Aluminum Radio Tray
T47.216	F Layshaft Mount
T47.217	Red Rulon Clutch Shoe
T47.218	HD Brake Pads
T47.219	Body stiffener mount
T47.220	MC Nylon Body mount
T47.221	Steering
T47.222	One -Engine mount
T47.223	Brake lever
T47.224	Servo saver bellcrank
T47.225	Pin steering mount
T47.226	F/ball universal/QC Lerevs
T47.227	R/ball universal/QC Lerevs
T47.226-1	F/Shaft/CVD
T47.227-1	R/Shaft/CVD
T47.228	F/ball universal/Nut
T47.228-1	ALU. Nut
T47.229	R/ball universal/Nut

T47.230	7075 Alu.F/shock tower
T47.231	7076 Alu.R/shock tower
T47.232	Receiver case
T47.233	Front Springs(yellow)1.9mm
T47.234	Rear Springs(yellow)1.9mm
	<b>OPTIONAL PARTS ONLY for VXS-8</b>
T47.000	Thrust bearing set
T47.007	7075 engine mounts
T47.013	SG clutch nut
T47.014	Large clutch shoe
T47.015	7075 T6 clutch bell
T47.017	7075 machined flywheel
T47.018	Small clutch shoes, 4pcs
T47.019	Clutch spring retainer
T47.020	Clutch spring adjuster
T47.022	7075 T6 Pinion (std), 16T
T47.023	7075 T6 Pinion (std), 17T
T47.024	7075 T6 Pinion (std), 18T
T47.025	7075 T6 Pinion (std), 19T
T47.026	7075 T6 Pinion (std), 20T
T47.027	7075 T6 Pinion (std), 21T
T47.029	Heavy clutch spring - 12kg
T47.030	Heavy clutch spring - 16kg
T47.031	Heavy clutch spring - 20kg
T47.126	Receiver box
T47.132	Carbon fiber radio tray
T47.141	7075 T6 machined chassis
T47.156	Carbon FRONT shocktower
T47.162	Left side alu. brace
T47.169	Thrust Bearing Carrier
T47.170	Clutch Shims 8x5.1x0.1mm, 10pcs
T47.170-1	Clutch Shims 8x3.5x0.1mm, 10pcs
T47.171	Clutch Plate

# All you need is inside our 300 pages full colour catalog



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