

YADAST YADA^{PRO}



* Picture show YADA ST version

www.protech.be



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.

SAV INTERNATIONALE PROTECH

TEL: ++ 32 14 25 92 83

FAX: ++ 32 14 25 92 89

email: info@promodels.be

<http://www.protech.be>

Please use the spare parts list at the back of this manual to help you find the part more easily

PROTECH cannot be held responsible for damage or any claims arising from the use of this product.

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.

SAV INTERNATIONALE PROTECH

TEL: ++ 32 14 25 92 83

FAX: ++ 32 14 25 92 89

email: info@promodels.be

<http://www.protech.be>

Om het zoeken van het onderdeel dat u nodig hebt te vergemakkelijken, gelieve de onderdelenlijst op pagina 30-41 van deze handleiding te raadplegen

PROTECH kan niet verantwoordelijk gesteld worden voor schade of vorderingen voortvloeiend uit het gebruik van dit produkt

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.

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Bitte verwenden Sie die in diesem Anweisungsheft auf Seite 30-41 abgedruckten Diagramme, um die Ersatzteile zu finden, die Sie benötigen.

PROTECH kann nicht für Schäden oder Ansprüche haftbar gemacht werden, die sich aus der Verwendung dieses Produkts ergeben.

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.

SAV INTERNATIONALE PROTECH

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FAX: ++ 32 14 25 92 89

email: info@promodels.be

<http://www.protech.be>

Afin de faciliter la recherche de vos pièces détachées, veuillez consulter la liste des pièces détachées en fin de cette notice

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



Performance features of the YADA 1/8th Nitro Buggy

HIGH PERFORMANCE 4WD 1/8 NITRO BUGGY



* Picture show YADA ST version

YADA ST features **T30**

*Extreme low Differential Center Of Gravity
Extreme light Differential system
Increased suspension travel to 7cm
Pro steering geometry angle
Moulded wing and Body included
Lower CG design troughout the car
6061 Anodized Black Aluminium Radio Plate
6061 Anodized 3.2mm Alu main chassis*

*6061 Anodized Black steering plate
6061 engine mount set
6061 Black center diff. support plate
Pro Turnbuckles
3 Shoe clutch
Low profile radio box
Pro brake pad
Shock shaft of 3.5mm*

*Two Piece Pro center differential mount
Full ball Bearing throughout the car
Protech SX-21 engine included
Complete 2 Channel radio included
Laydown servo steering
CNC Spur, Crown and Pinion gear
Rear swaybar
Competition Dishwheels & Tyres*

YADA PRO Extra features **T31**

*7075 Lightened CNC design main chassis
7075 CNC RE & FR susp hinge pin holder
7075 CNC lightened design FR shocktower
7075 CNC lightened design RE shocktower
7075 CNC lightened steering plate
7075 CNC lightened Torque rod front & rear
7075 Black Center differential support plate
7075 Black CNC design Radioplate*

*Reinforced brake pad & holder
7075 Engine mount set
Competition dish wheels & Tyres
Universal joints rear & front
1.7mm blue springs rear & front
Rear and Front swaybar*

Motor and radio equipment are not included !

YADA PRO-X Extra "X" features **T32**

*7075 CNC lightened FR shocktower black/chrome finished-X
7075 CNC lightened RE shocktower black/chrome finished-X
7075 CNC lightened Torque rod FR black/chrome finished-X
7075 CNC lightened Torque rod RE black/chrome finished-X
7075 CNC lightened FR suspension Arm holder black/chrome finished-X
7075 CNC lightened RE suspension Arm holder black/chrome finished-X
7075 Steering servo mount-X & Aluminium Wing stay joint*

*7075 Center diff mount set-X
7075 Engine mount set-X
7075 Sway bar plate-X
7075 Steering plate-X
7075 Radio plate-X
7075 center diff plate
Motor and radio equipment are not included !*

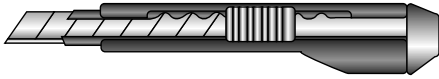


**Tools required / Benodigde gereedschappen
Benotigde werkeuzeug / Outils recommandés**

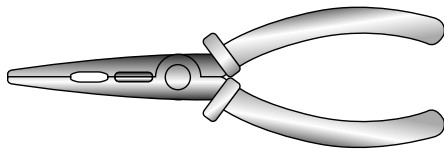


Conical reamer
Konische ruimer
Konische Reibahlen
Alésoir conique

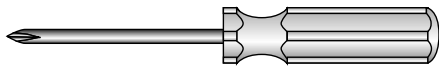
AK101



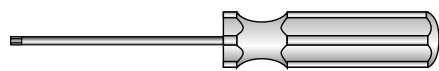
Sharp hobby knife
Scherp hobbymes
Hobby messer
Couteau de modéliste



Needle nose plier
Bek tang
Beiszange
Pince à becs

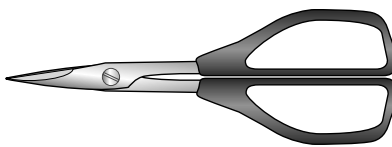


Philips screw driver
Kruisschroevendraaier
Schraubendreher
Tournevis Philips



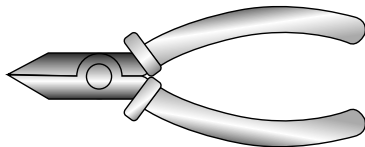
Hexwrench set
Inbussleutels set
Sechskant-Steckschlüssel
Set clés allen

T0158 4pcs

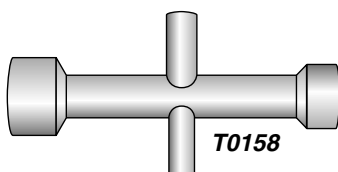


Curved scissors
Gebogen schaar
Gebogene Schere
Ciseaux

AK100



Wire cutter
Draad stripper
Kneifzange
Pince coupante



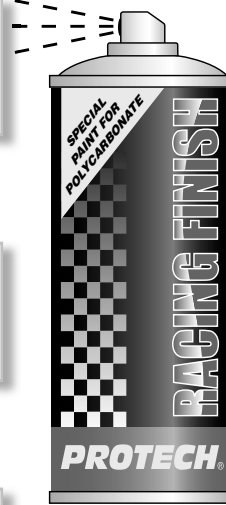
Cross wrench
Kruissleutel
Clé en croix
Kreuzschlüssel

T0158



Nut lock
Lock-Tide
Schrauben Sicherer
Frein-filet

A600



Protech Racing Finish
Protech Racing Finish
Protech Racing Finish
Protech Racing Finish

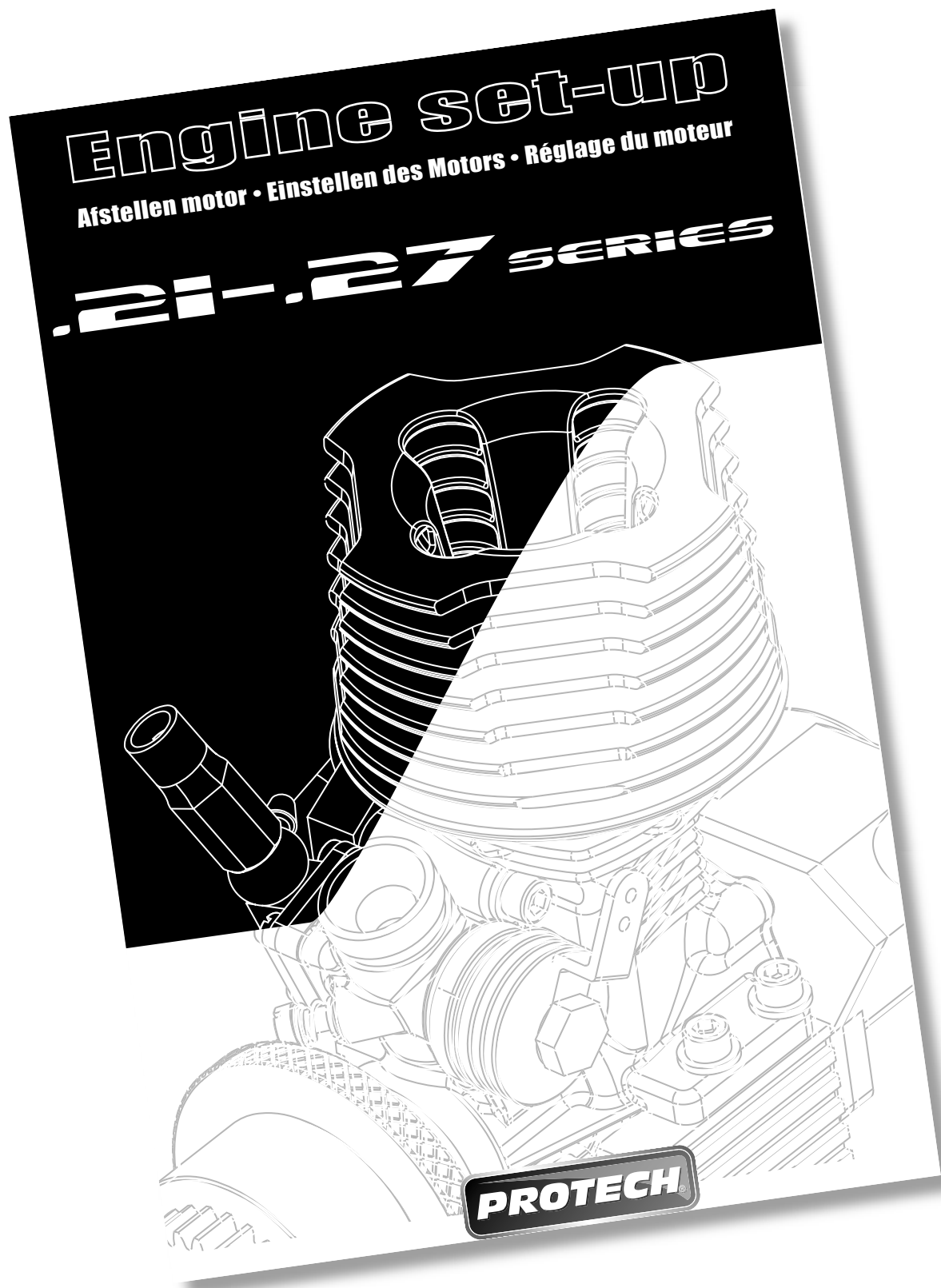
RF... (*)

**Check the colours in our
general catalog or visit
us at
<http://www.protech.be>**



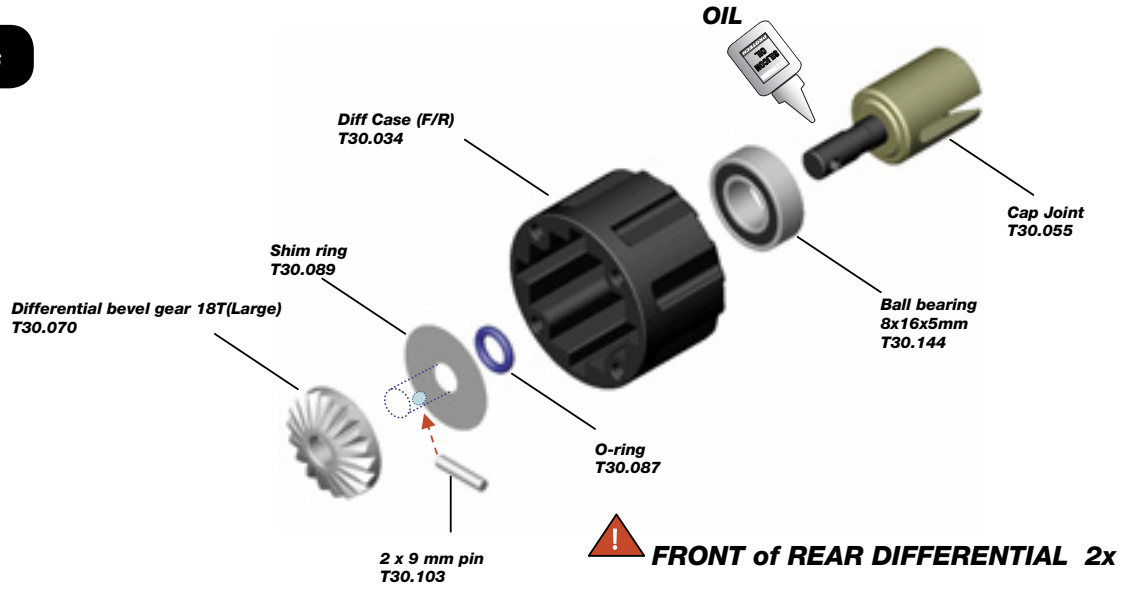
**Engine set -up / Afstellen van de motor
Einstellungen des Motors / Réglage moteur**

- Check the ENGINE SET-UP manual to start and break in the engine
- Lees aandachtig de handleiding AFSTELLEN MOTOR voor het inlopen en roderen van de motor
- Lesen Sie gründlich die Anleitung EINSTELLEN DES MOTORS für das einlaufen und rodieren vom Motor
- Consultez le manuel REGLAGE DU MOTEUR pour démarrer et rôder votre moteur

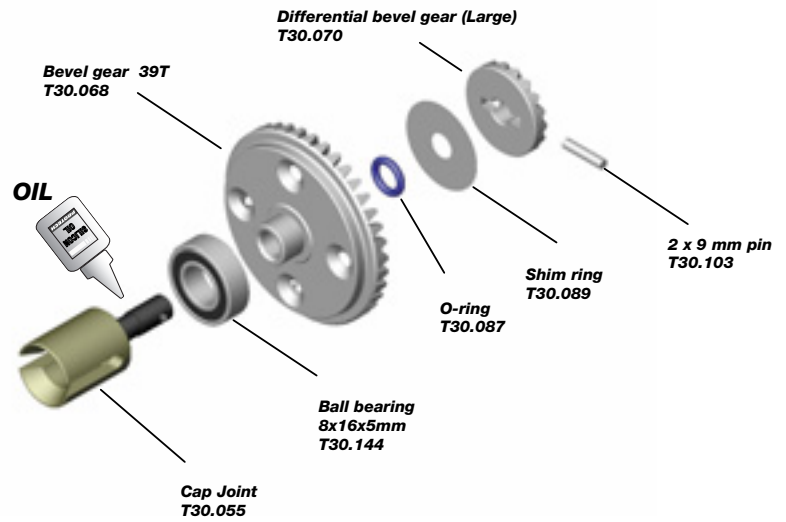


**Assembly of the differentials FR & RE / Montage van het voorste en achterste differentiën /
Assemblage des différentiels AV et AR / Montierung von die Vordere und Hintere Differentialen**

Differentials



Gear Differential / Make 2 x !

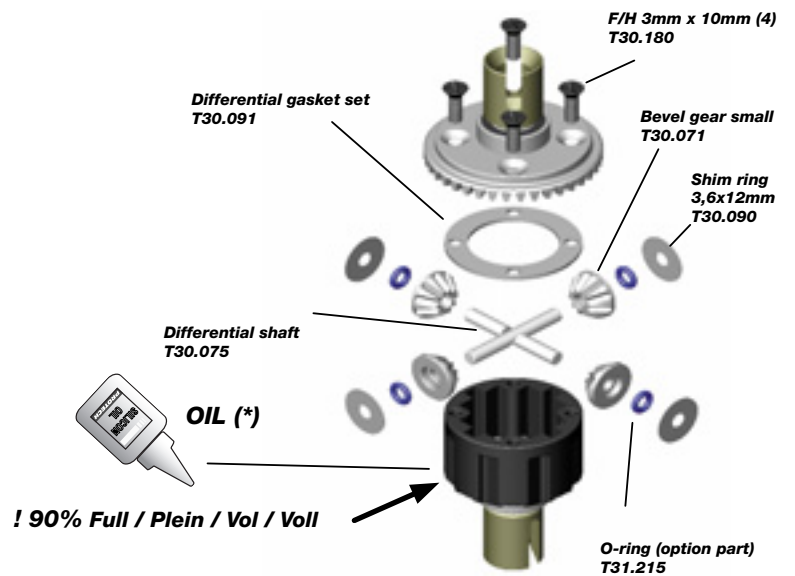


Assembly of the Front Differential



(*) USE ONLY PROTECH SILICONE OIL

FRONT DIFF.	More steering Standard Less steering	use the ref. SL2500 use the ref. SL5000 use the ref. SL10000
CENTER DIFF.	Standard Quick acceleration	use the ref. SL5000 use the ref. SL10000
REAR DIFF.	Standard	use the ref. SL1000 or use grease



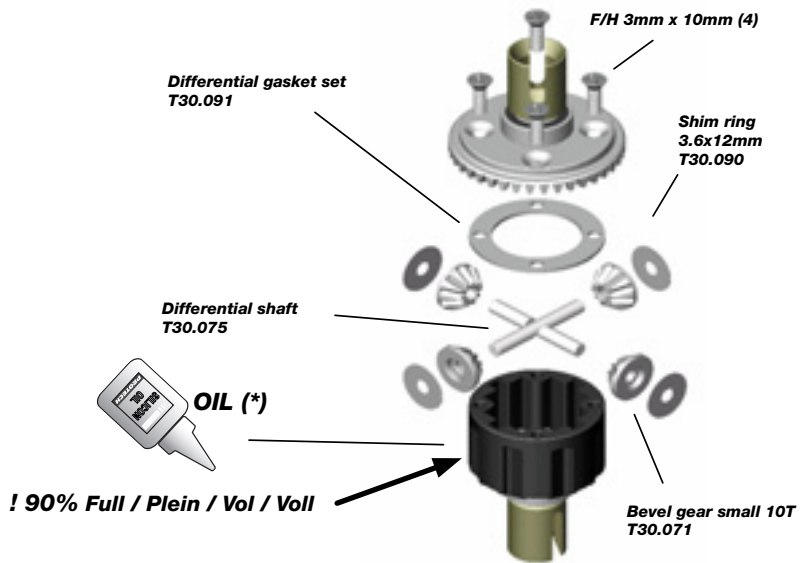
O-rings are a optional part for different driving settings (with O-rings = more acceleration)



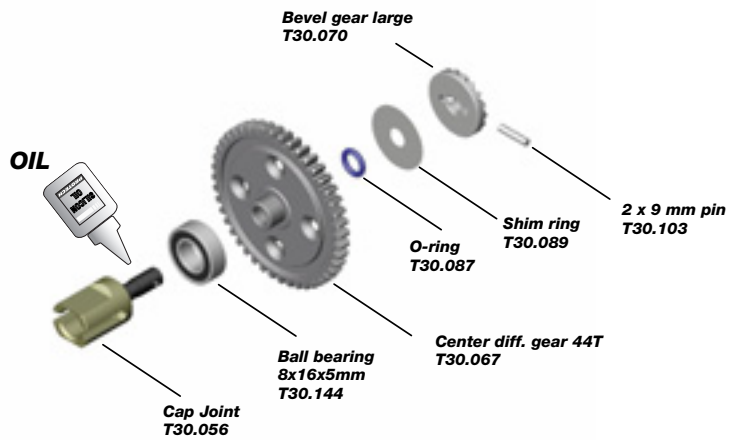
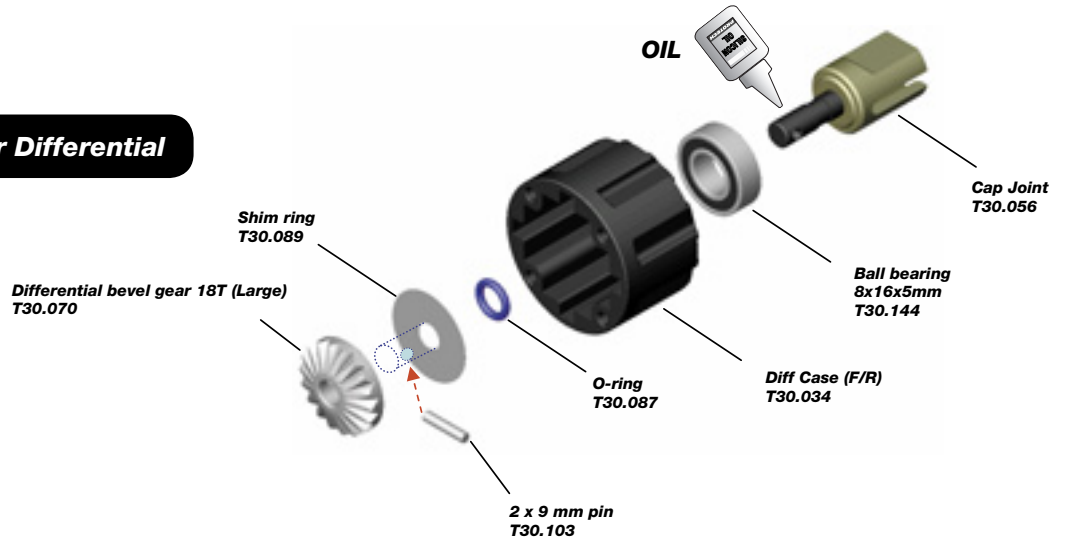
Assembly of the differentials RE & CE / Montage van de achterste en centrale differentielen / Assemblage des différentiels AR et CE / Montierung von die Centale und Hintere Differentialen

Assembly of the Rear Differential

F/H 3mm x 10mm (x4)



Central Gear Differential



(*) USE ONLY PROTECH SILICONE OIL

FRONT DIFF.	More steering Standard Less steering	use the ref. SL2500 use the ref. SL5000 use the ref. SL10000
CENTER DIFF.	Standard Quick acceleration	use the ref. SL5000 use the ref. SL10000
REAR DIFF.	Standard	use the ref. SL1000 or use grease



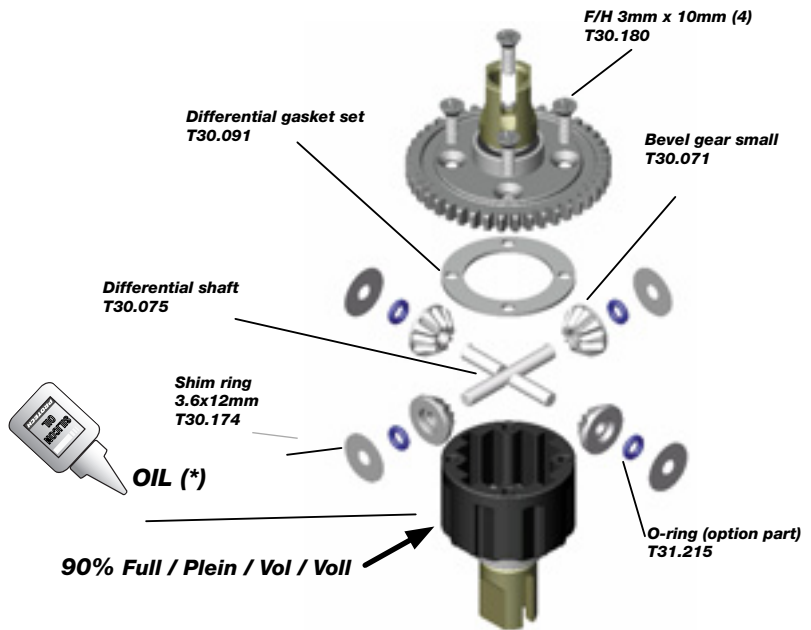
Assembly of the REAR gearbox & Center diff. / Montage v/d tandwielkast A & Centraal diff / Montage des réducteurs AR & différentiel central/ Montierung des Getriebe A & Central

Assembly of the Central Differential

F/H 3mm x 10mm (x4)

(*) USE ONLY PROTECH SILICONE OIL

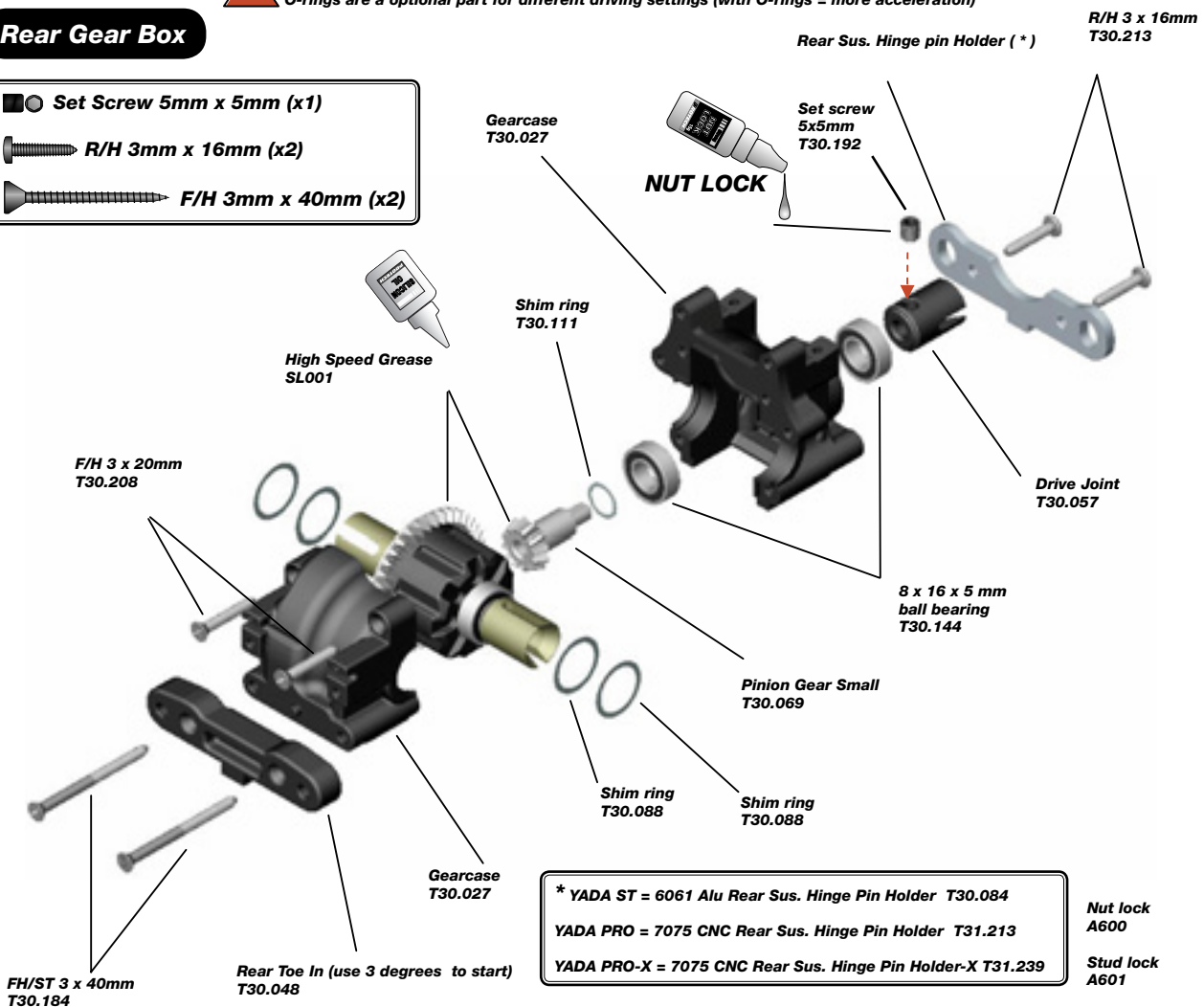
FRONT DIFF.	More steering Standard Less steering	use the ref. SL2500 use the ref. SL5000 use the ref. SL10000
CENTER DIFF.	Standard Quick acceleration	use the ref. SL5000 use the ref. SL10000
REAR DIFF.	Standard	use the ref. SL1000 or use grease



O-rings are a optional part for different driving settings (with O-rings = more acceleration)

Rear Gear Box

Set Screw 5mm x 5mm (x1)
R/H 3mm x 16mm (x2)
F/H 3mm x 40mm (x2)



Nut lock A600

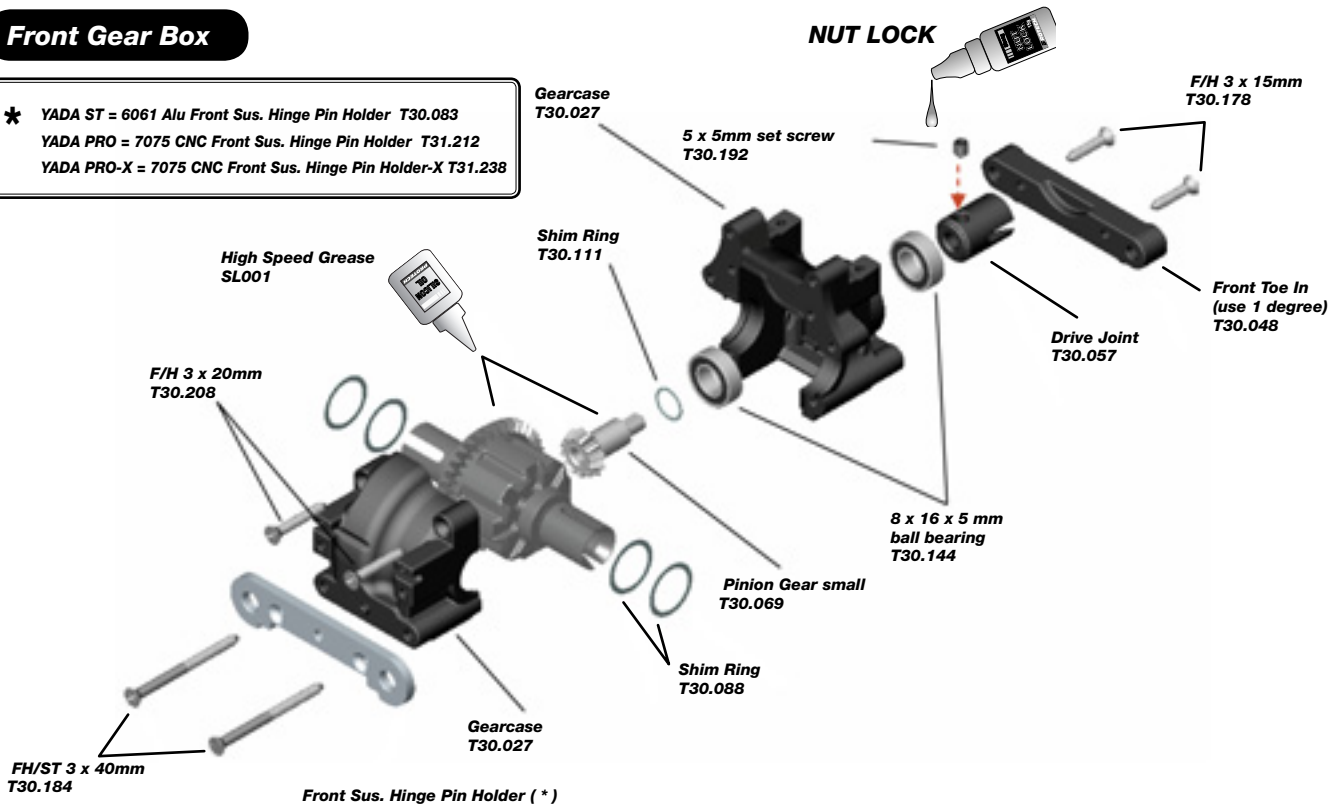
Stud lock A601



**Assembly of the FRONT gearbox & SUSPENSION / Montage v/d tandwielkast V & / ophanging
Montage des réducteurs FR & de la Suspension AV / Montierung des Getriebe V & Querlenker V**

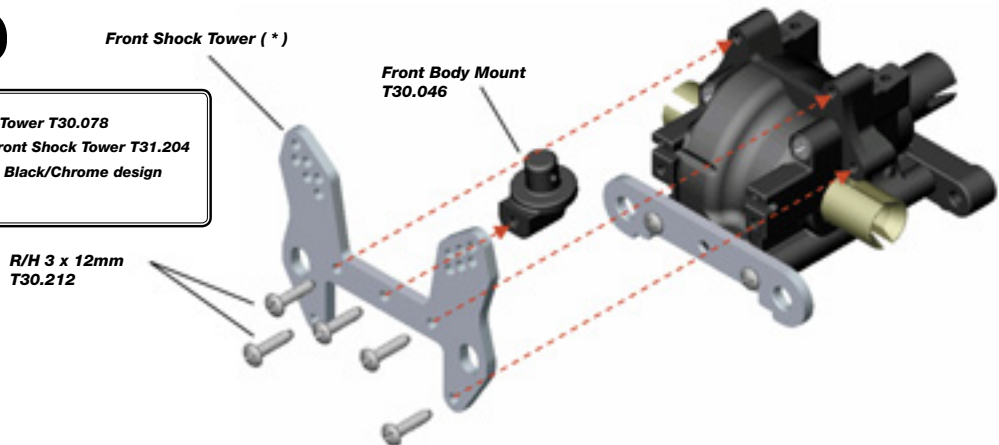
Front Gear Box

- * YADA ST = 6061 Alu Front Sus. Hinge Pin Holder T30.083
- YADA PRO = 7075 CNC Front Sus. Hinge Pin Holder T31.212
- YADA PRO-X = 7075 CNC Front Sus. Hinge Pin Holder-X T31.238



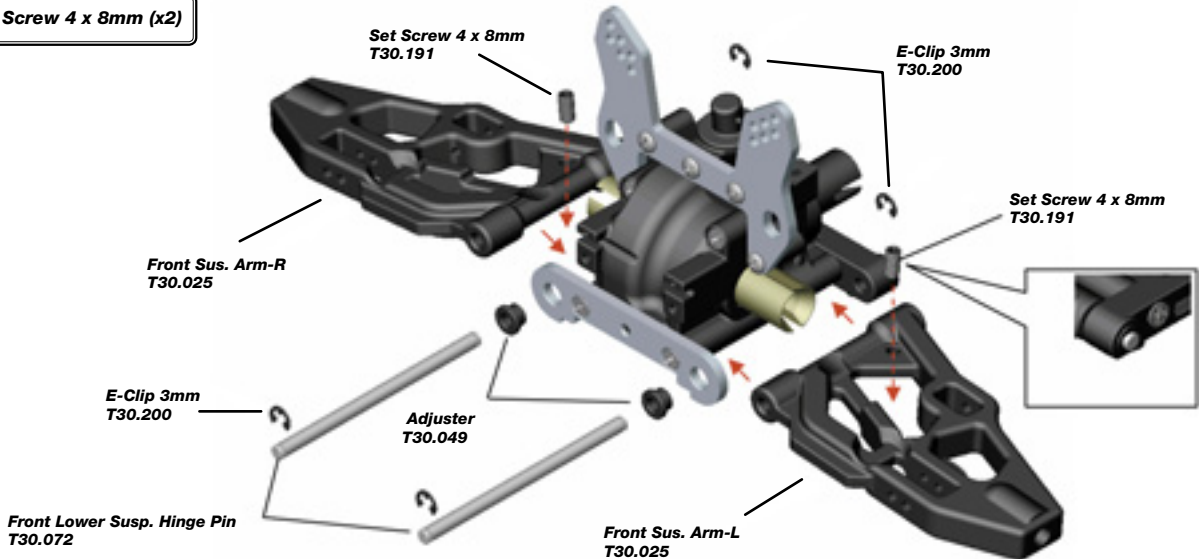
Front Shock Tower

- * YADA ST = 6061 Alu Front Shock Tower T30.078
- YADA PRO = 7075 Lighten CNC Front Shock Tower T31.204
- YADA PRO-X = 7075 Lighten CNC Black/Chrome design Front Shock Tower-X T31.205



Front Lower arm

- Set Screw 4 x 8mm (x2)



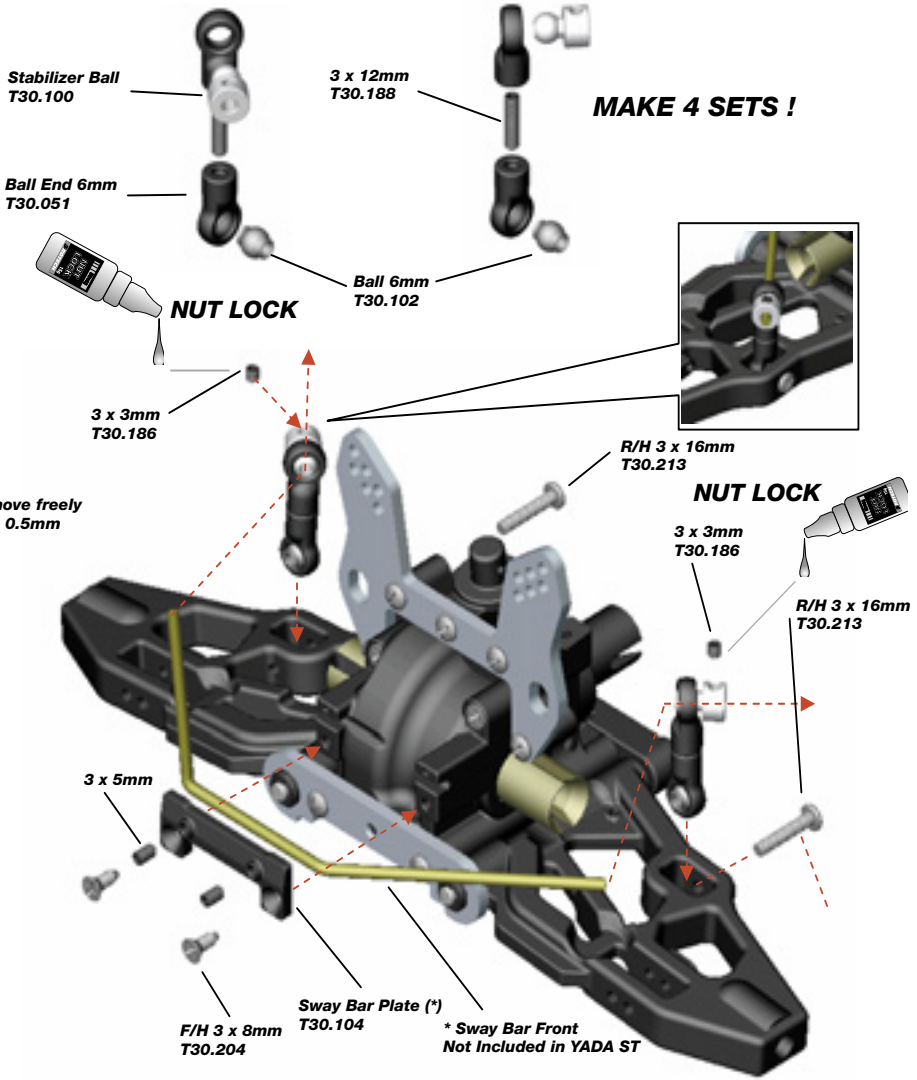
Assembly of the front suspension / Montage van de voorste ophanging / Montage de la suspension avant / Montierung von die vordere Querlenker

Front Sway Bar

- 3mm x 3mm (x2)
- 3mm x 5mm (x2)
- R/H 3mm x 16mm (x2)
- F/H 3mm x 8mm (x2)

- * Front Sway Bar 2.2mm : T30.105
- 2.3mm : T30.106
- 2.4mm : T30.107

! Make sure that the swaybare can move freely
Distance between the 2 ball Ends = 0.5mm

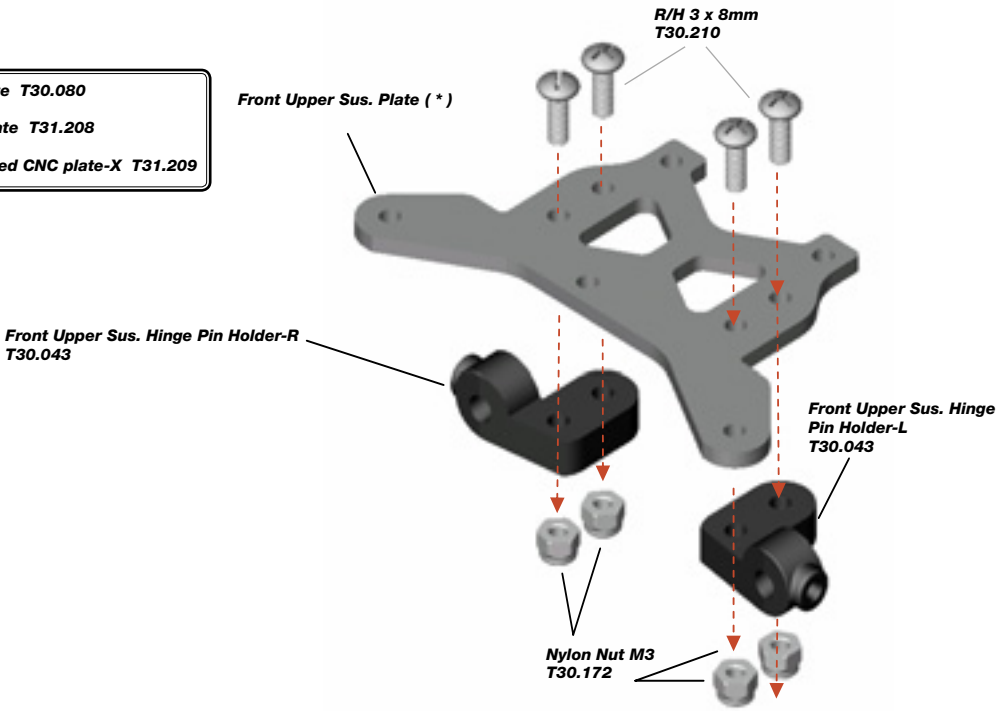


- * YADA PRO = 7075 Sway Bar Plate T31.217
- YADA PRO-X = 7075 Sway Bar Plate T31.235

Front Upper Suspension Plate

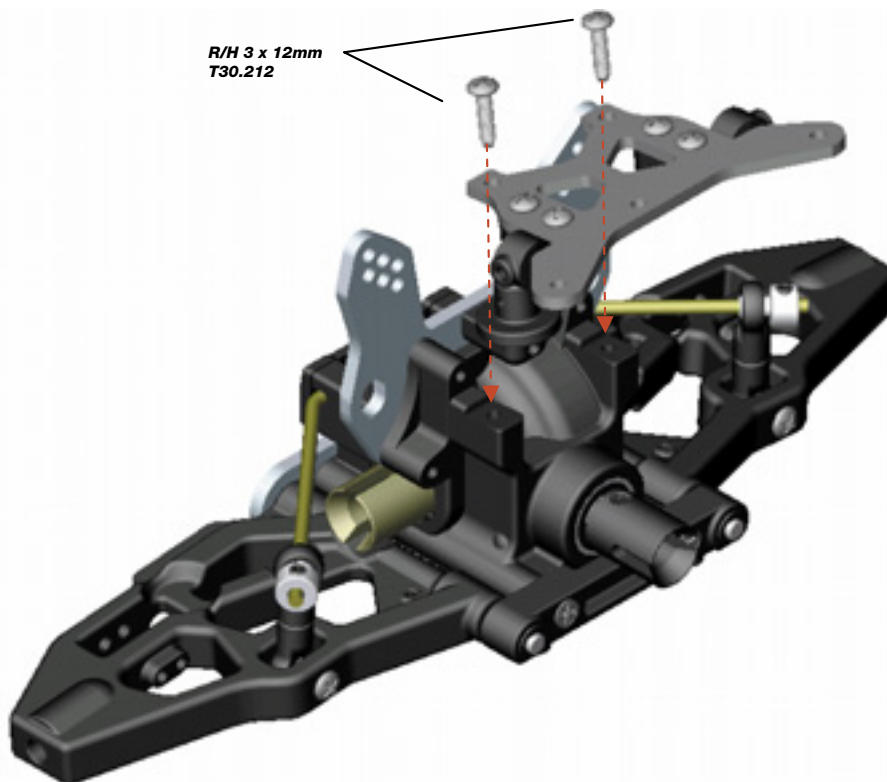
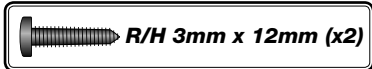
- R/H 3mm x 8mm (x4)

- * YADA ST = 6061 Alu Front Upper Sus. Plate T30.080
- YADA PRO = 7075 Black anodized CNC plate T31.208
- YADA PRO-X = 7075 Black/chrome anodized CNC plate-X T31.209

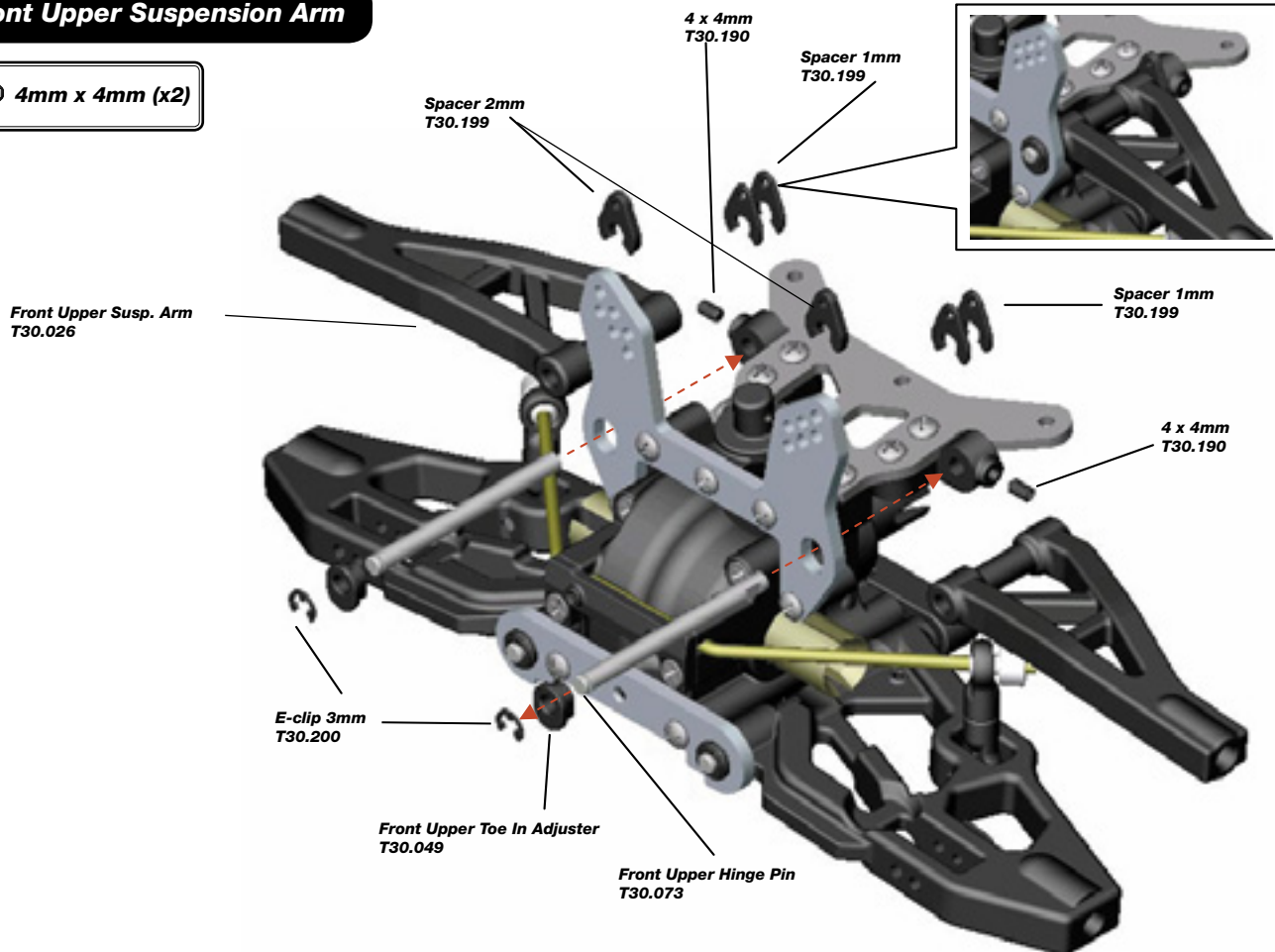
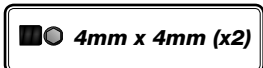


**Assembly of the front suspension / Montage van de voorste ophanging /
Montage de la suspension AV / Montierung von die vordere Querlenker oben**

Front Upper Suspension

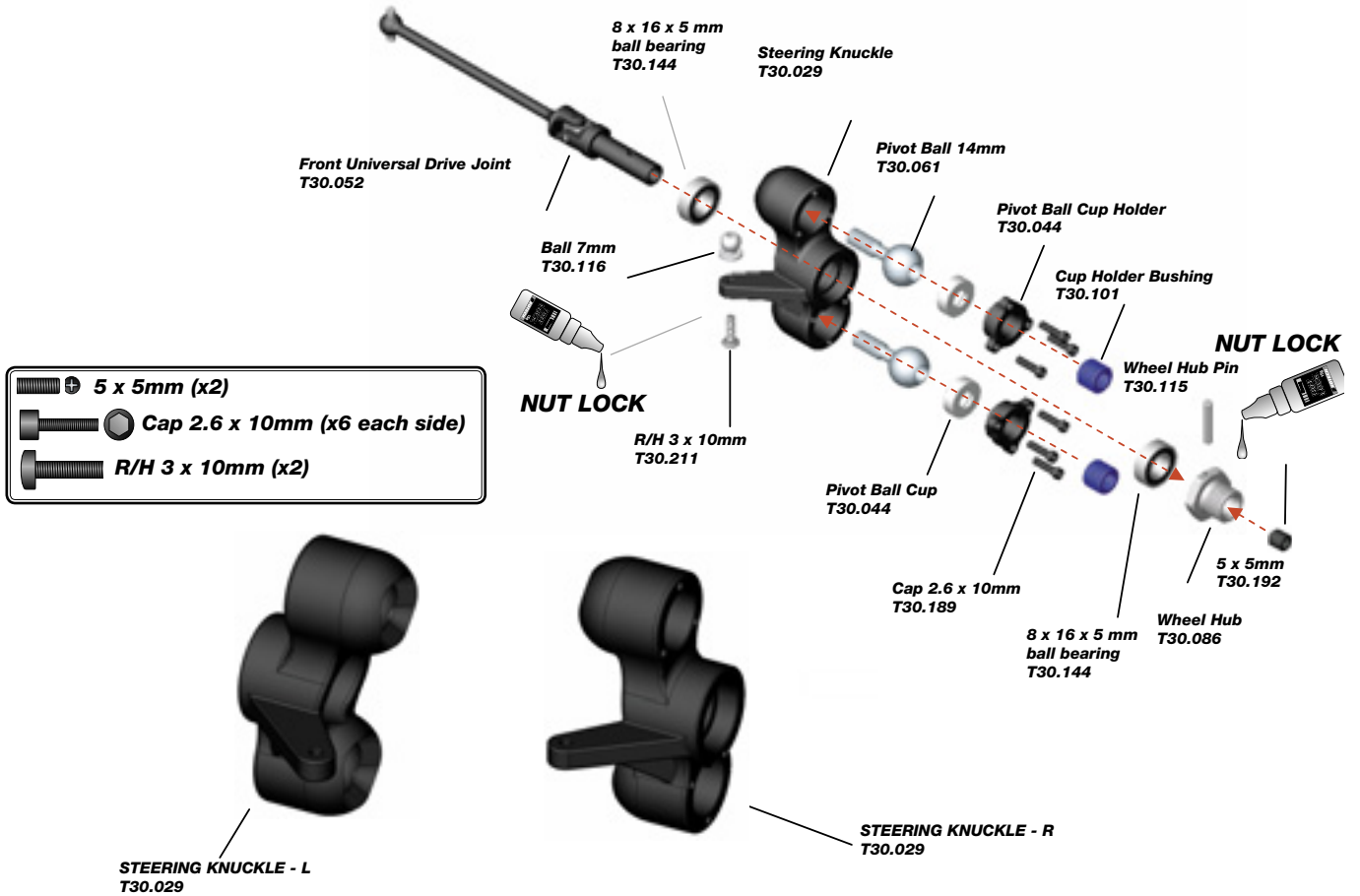


Front Upper Suspension Arm



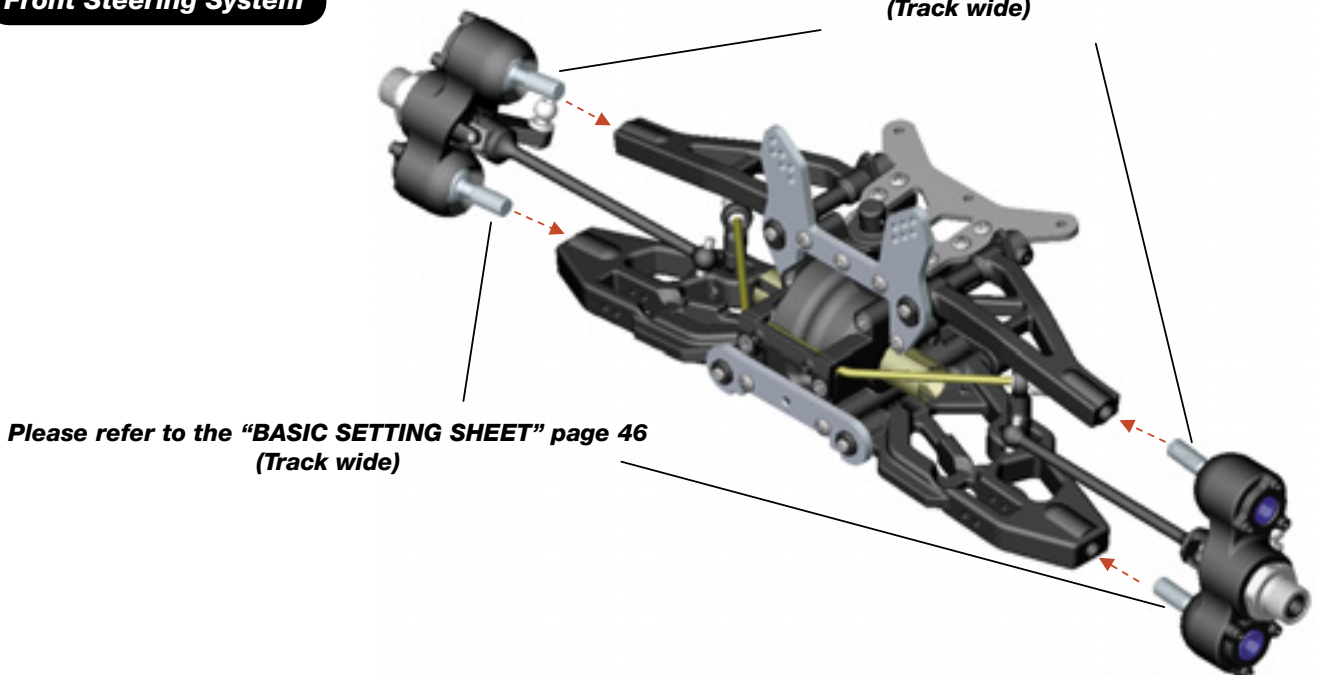
**Assembly of the front suspension / Montage van de voorste ophanging /
Montage de la suspension AV / Montierung von die vordere Querlenker oben**

Right / Left Steering X 2



Front Steering System

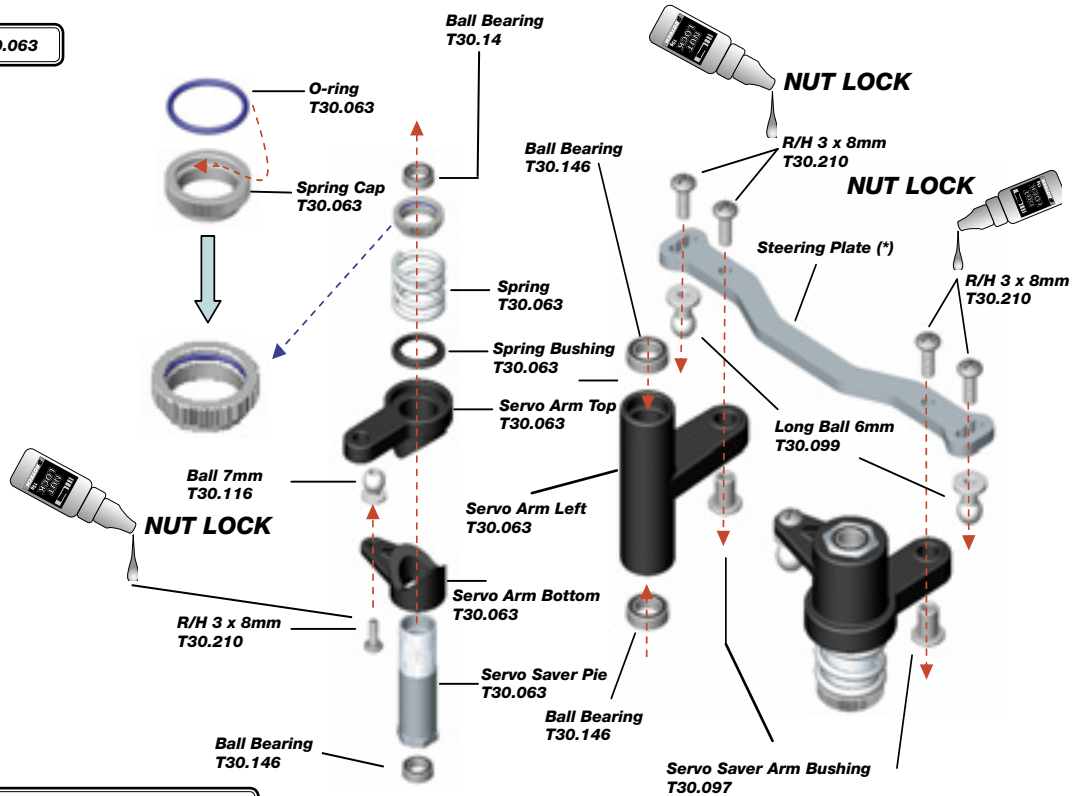
Please refer to the "BASIC SETTING SHEET" page 38 (Track wide)



**Assembly of the servo saver / Montage van de servo saver
Assemblage du sauve-servo / Montierung des Servo Saver**

Servo Saver

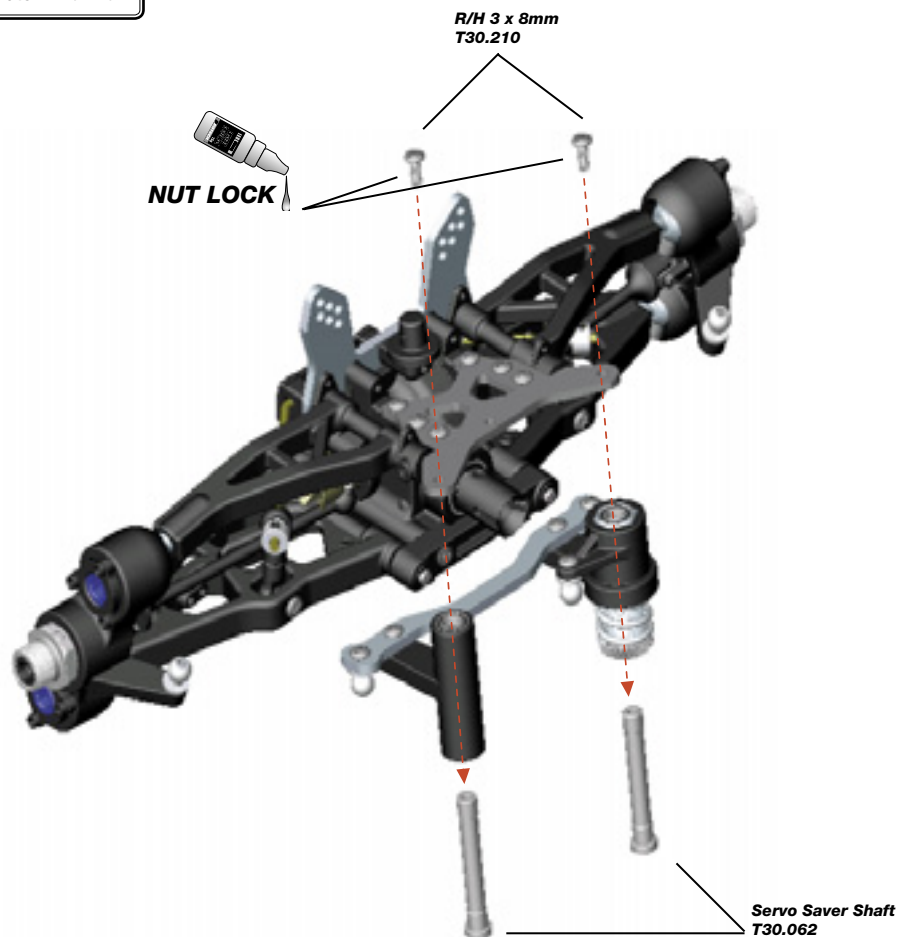
SERVO SAVER COMPLETE: T30.063



- * YADA ST = 6061 steering plate T30.081
- YADA PRO = 7075 CNC lighten steering plate T31.210
- YADA PRO-X = 7075 CNC lighten steering plate-X T31.237

Servo Saver Shaft

R/H 3mm x 8mm (x2)



Nut lock
A600

Stud lock
A601

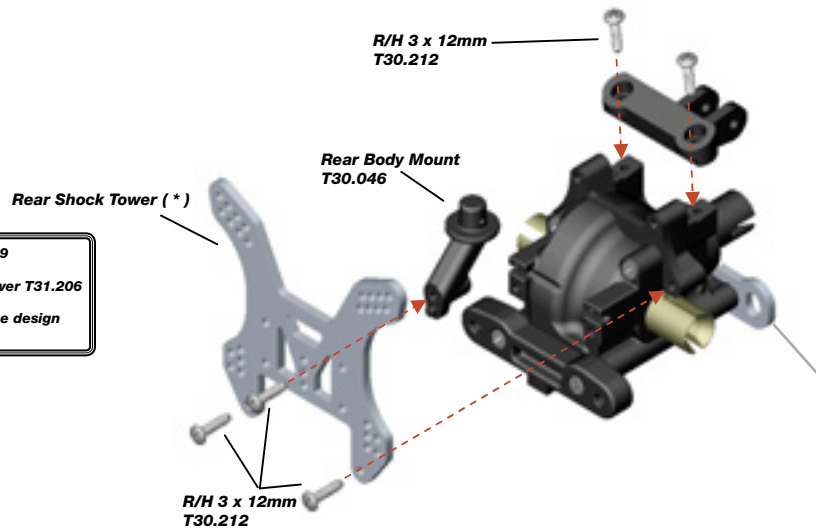


Assembly of the rear suspension / Montage van de achterste ophanging / Montage de la suspension AR / Montierung von die Querlenker oben

Rear Shock Tower

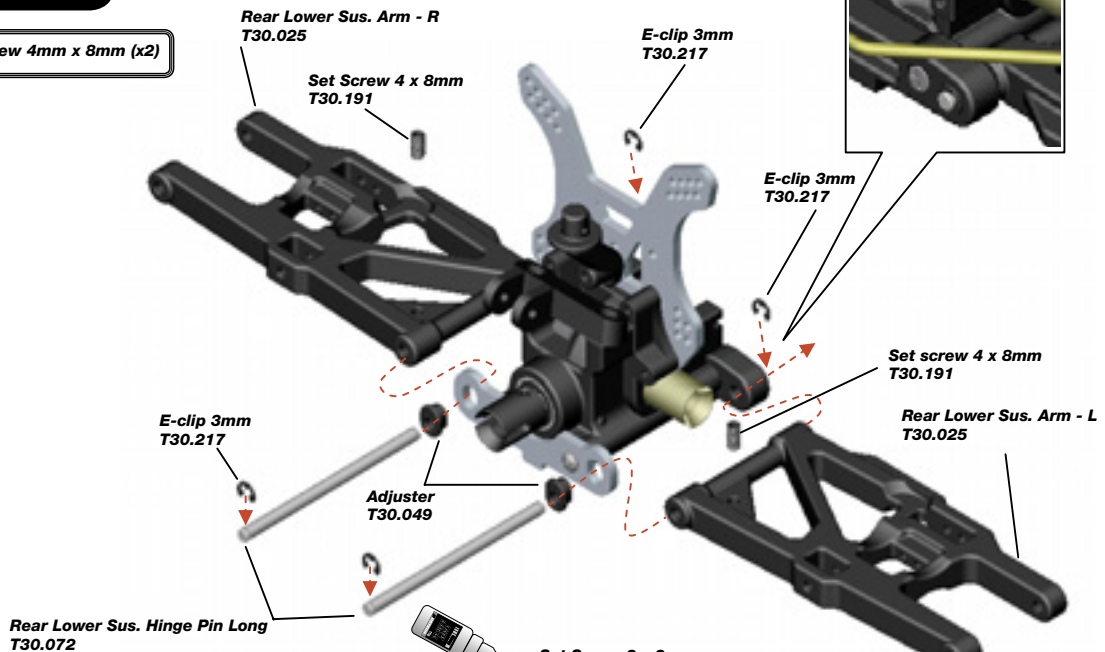
 R/H 3mm x 12mm (x4)

* YADA ST = 6061 Alu Rear Shock Tower T30.079
YADA PRO = 7075 Lighten CNC Rear Shock Tower T31.206
YADA PRO-X = 7075 Lighten CNC Black/Chrome design Rear Shock Tower-X T31.207



Rear Lower Arm

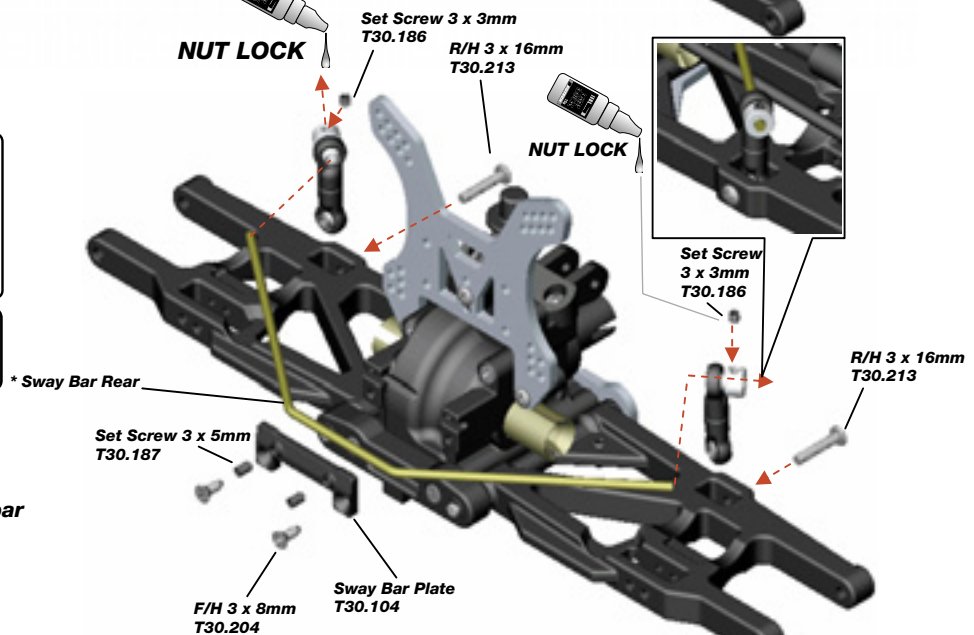
 Set Screw 4mm x 8mm (x2)



Rear Sway Bar

 3mm x 3mm (x2)
 3mm x 5mm (x2)
 R/H 3mm x 16mm (x2)
 F/H 3mm x 8mm (x2)

* Rear Sway Bar 2.2mm : T30.108
2.3mm : T30.109
2.4mm : T30.110

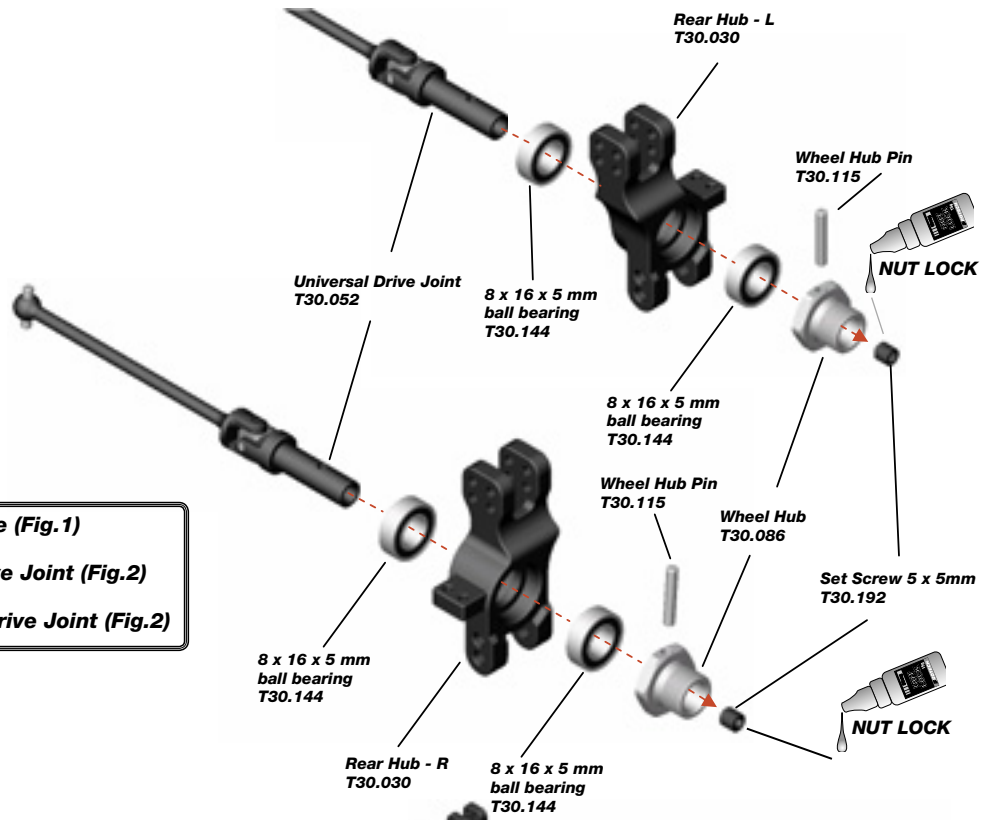


! Make sure that the swaybar can move freely !

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

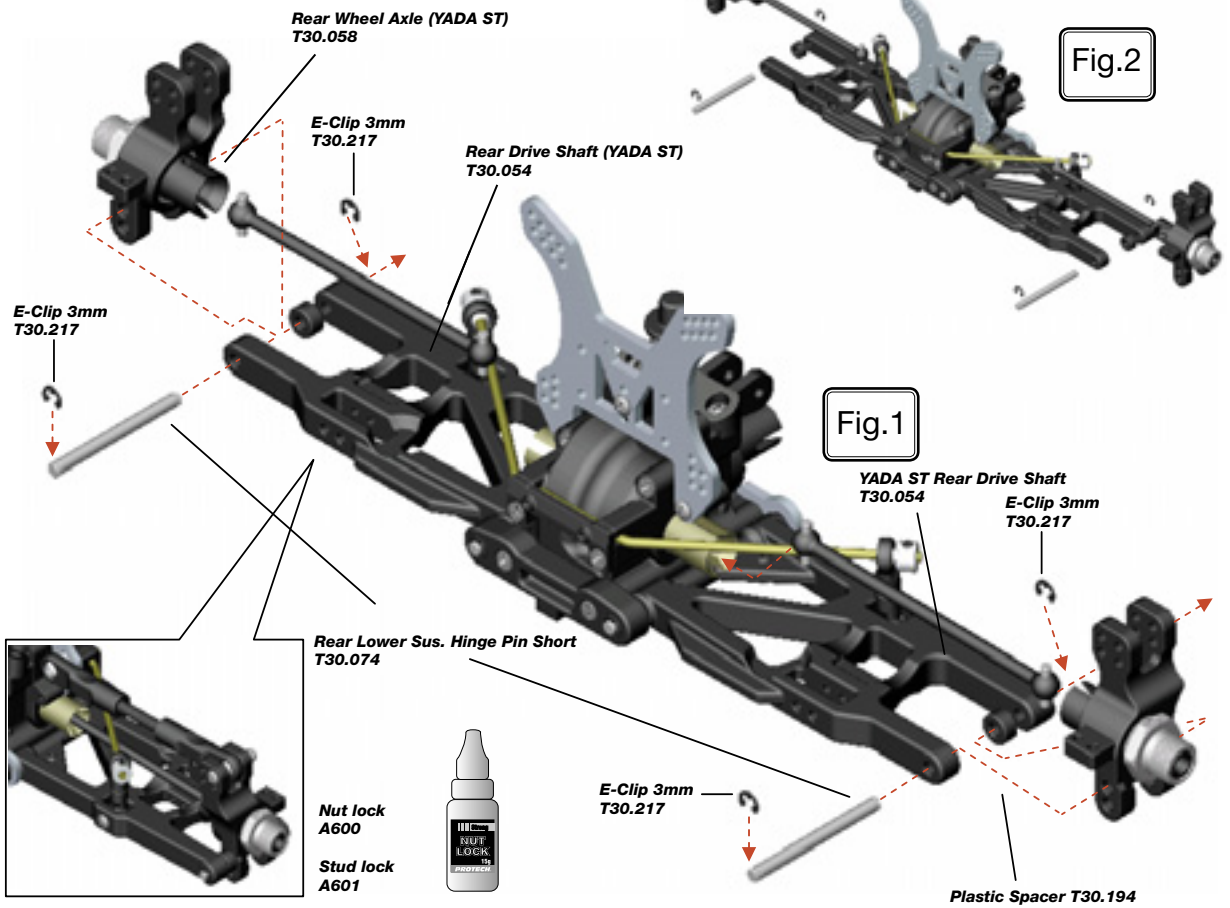
Rear Hub Carrier Assembly

5 x 5mm (x2)



YADA ST : Rear = Rear Wheel Axle (Fig.1)
YADA PRO : Rear = Universal Drive Joint (Fig.2)
YADA PRO-X : Rear = Universal Drive Joint (Fig.2)

Rear Drive Set

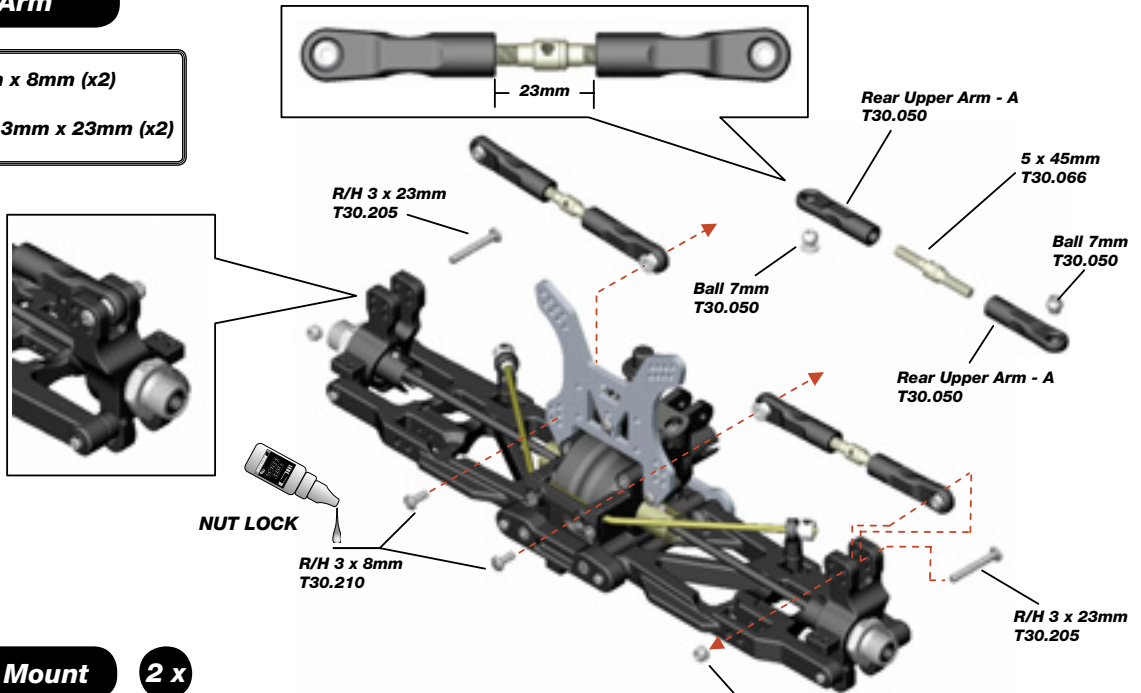


Assembly of the CENTER gearbox / Montage van het centrale differentieel Montage du réducteur central / Montierung des centrale Getriebe

Rear Upper Arm

R/H 3mm x 8mm (x2)

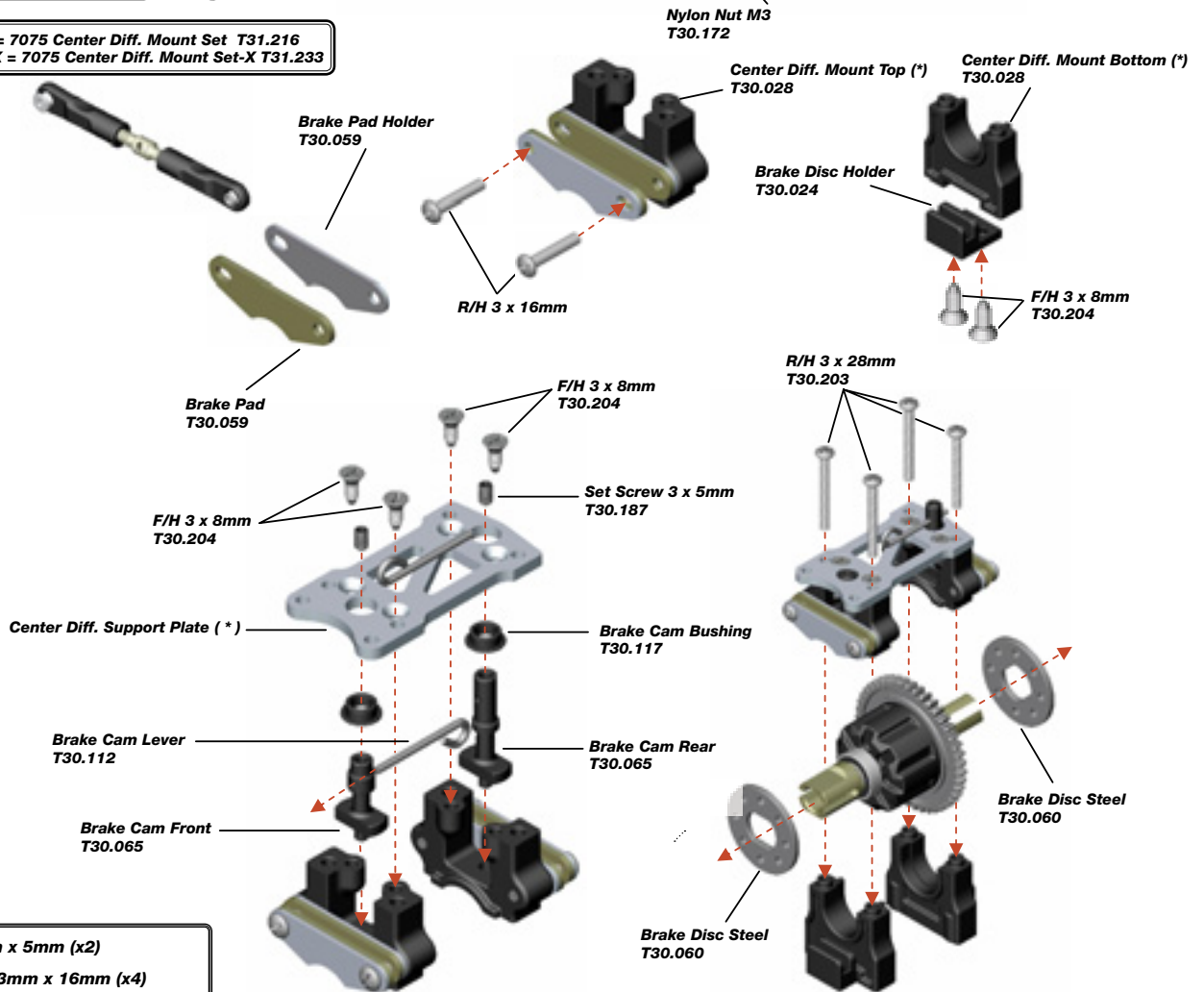
R/H 3mm x 23mm (x2)



Center Diff. Mount

2 x

* YADA PRO = 7075 Center Diff. Mount Set T31.216
YADA PRO-X = 7075 Center Diff. Mount Set-X T31.233



3mm x 5mm (x2)

R/H 3mm x 16mm (x4)

F/H 3mm x 8mm (x6)

R/H 3mm x 28mm (x4)


* YADA ST = 6061 Alu Center Diff. Support Plate T30.082

YADA PRO = 7075 Center Diff. Support Plate T31.211

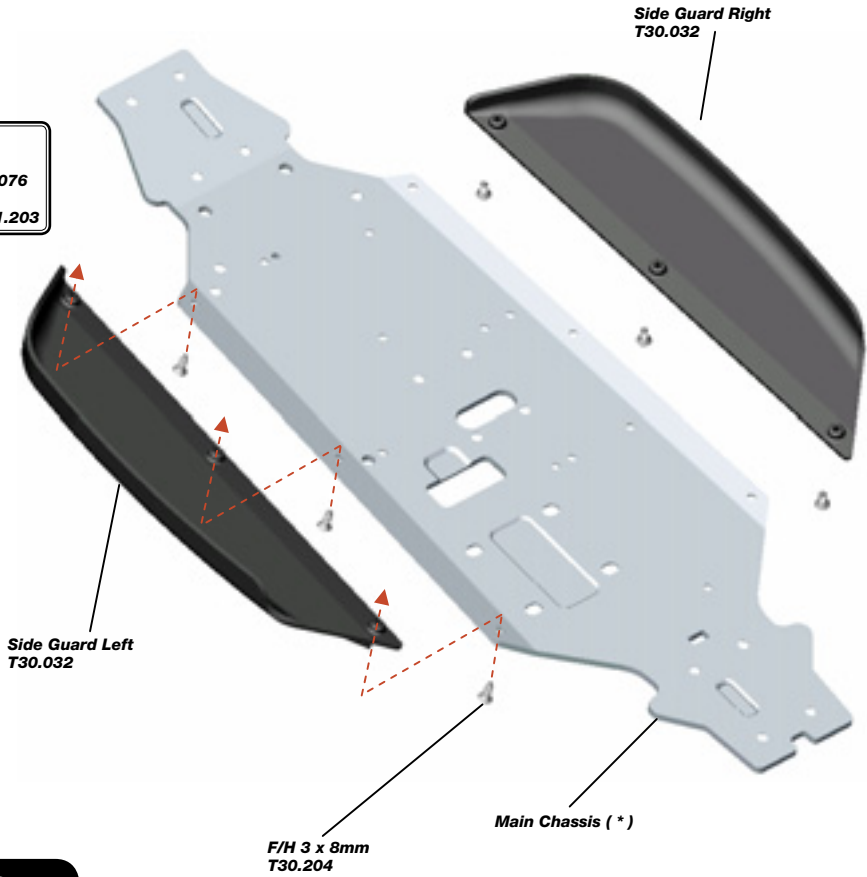
YADA PRO-X = 7075 Center Diff. Support Plate-X T31.241

Mounting the differentials on the chassis / Montage v/d differentielen op het chassis / Montage des différentiels sur le chassis / Montierung die 3 differentialen auf das chassis

Right / Left Side Guard

 **F/H 3mm x 8mm (x6)**

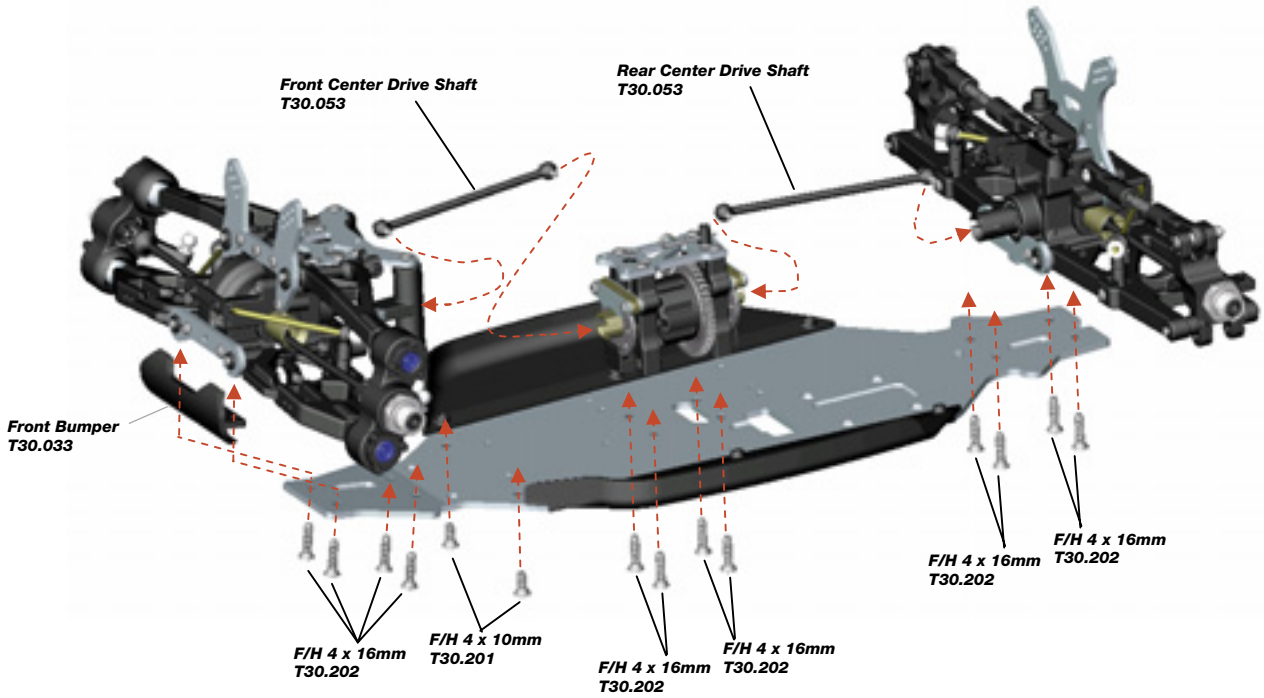
*** YADA ST = 6061 Alu Main Chassis T30.077**
YADA PRO = 7075 Lighten CNC Chassis T30.076
YADA PRO-X = 7075 Modify CNC Chassis T31.203



Front / Center / Rear Gear Case




 **F/H 4mm x 16mm (x12)**
 **F/H 4mm x 10mm (x2)**

YADA ST : Front center & rear = Drive shaft
YADA PRO : Front center & rear = Universal Joint
YADA PRO-X : Front center & rear = Universal Joint

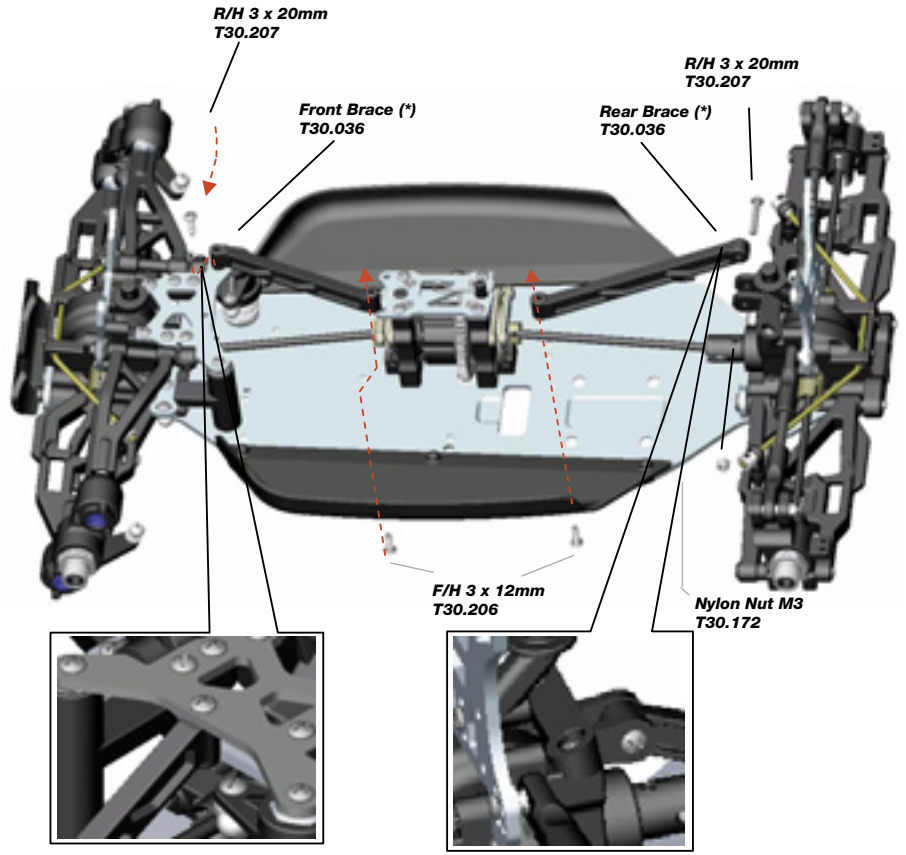


**Mounting the parts on the chassis / Montage v/d differentiën op het chassis /
Montage des parties sur le chassis / Montierung die 3 differentialen auf das chassis**

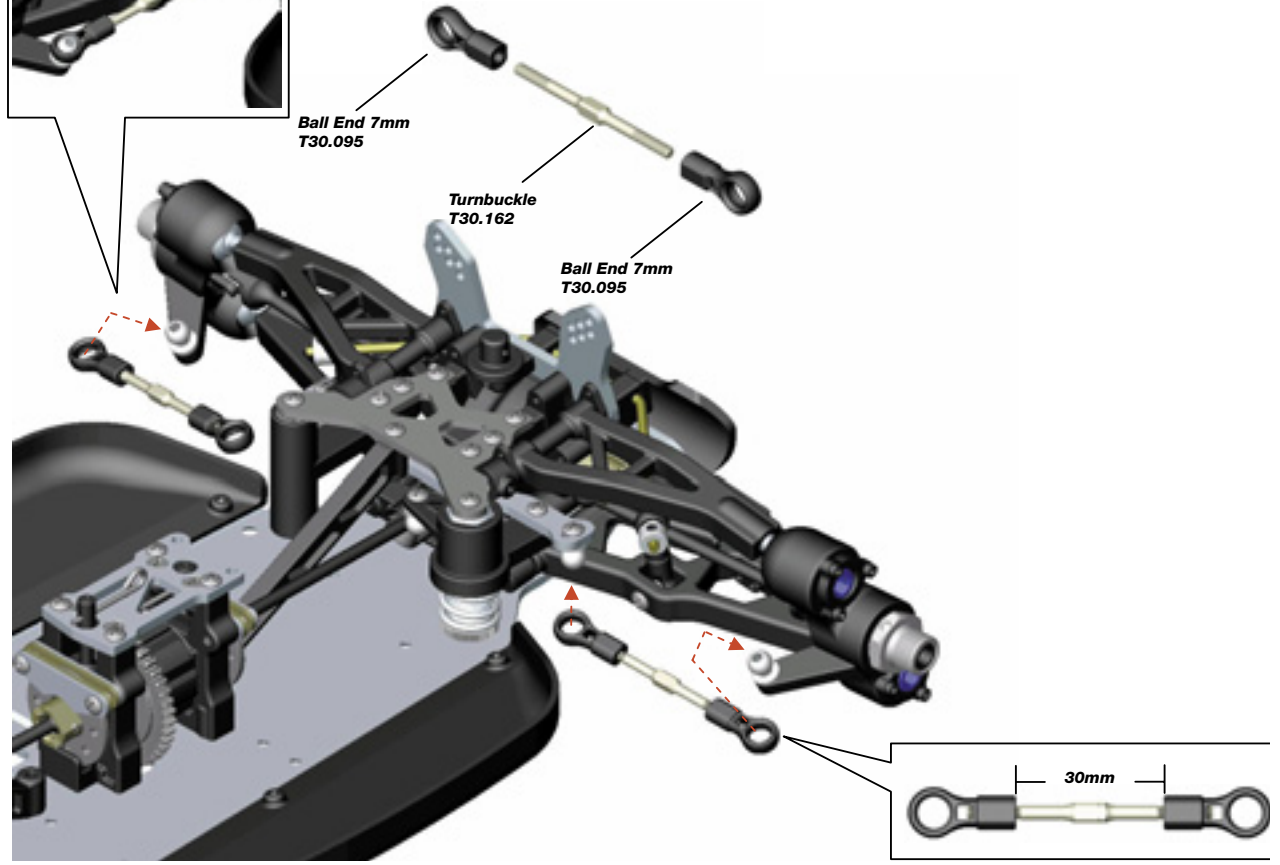
Tension Rod

-  R/H 3mm x 12mm (x3)
-  R/H 3mm x 20mm (x2)
-  F/H 3mm x 8mm (x6)

- ★ YADA ST = Reinforced Plastic T30.036
- YADA PRO = 7075 Chassis Brace Set T31.200
- YADA PRO-X = 7075 Chassis Brace Set-X T31.201



Steering Rod

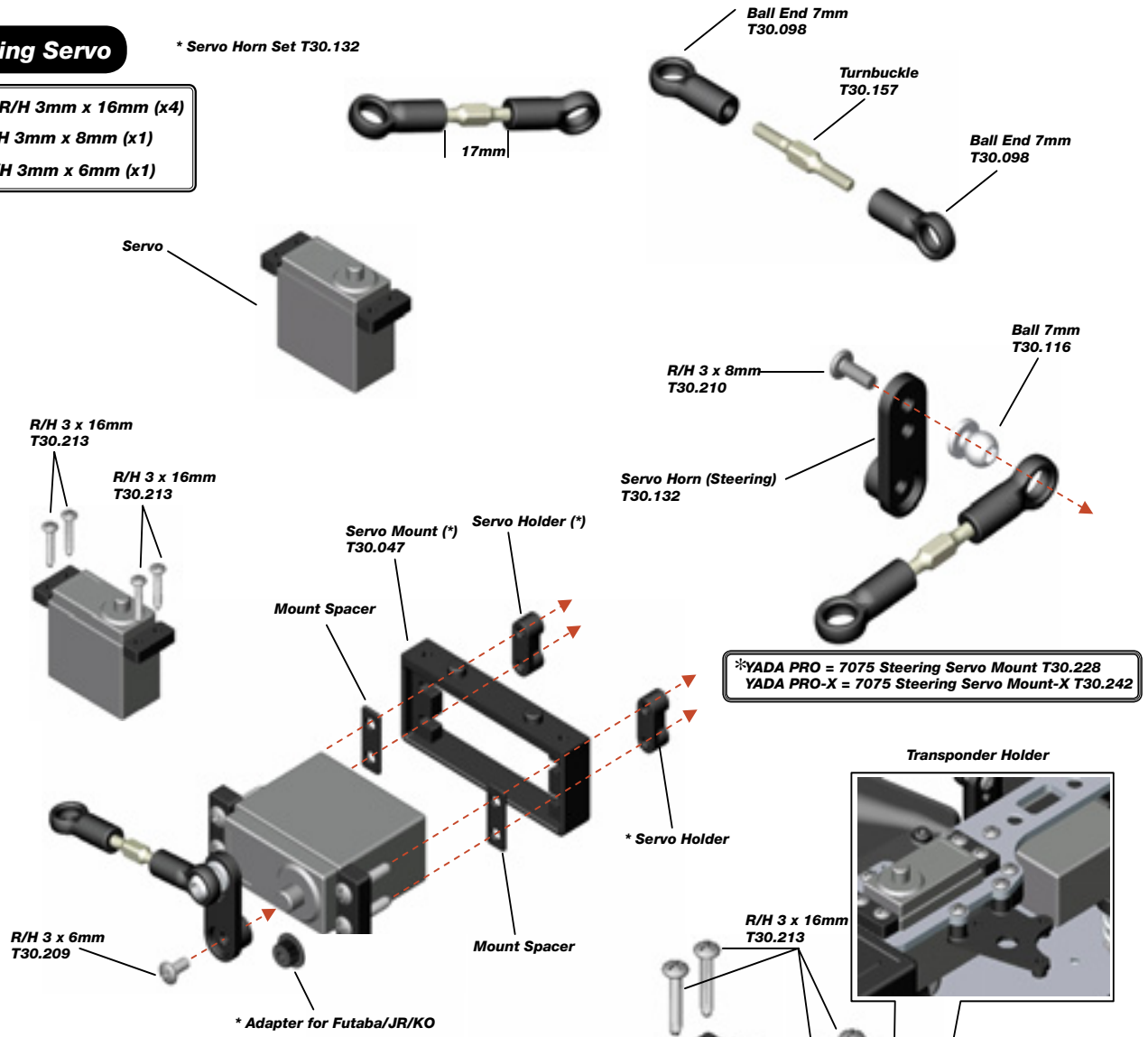


Assembling the radio plate / Montage van de radioplaat / Montage de la platine radio / Montieren von die Fernsteuerungs Platine



Steering Servo

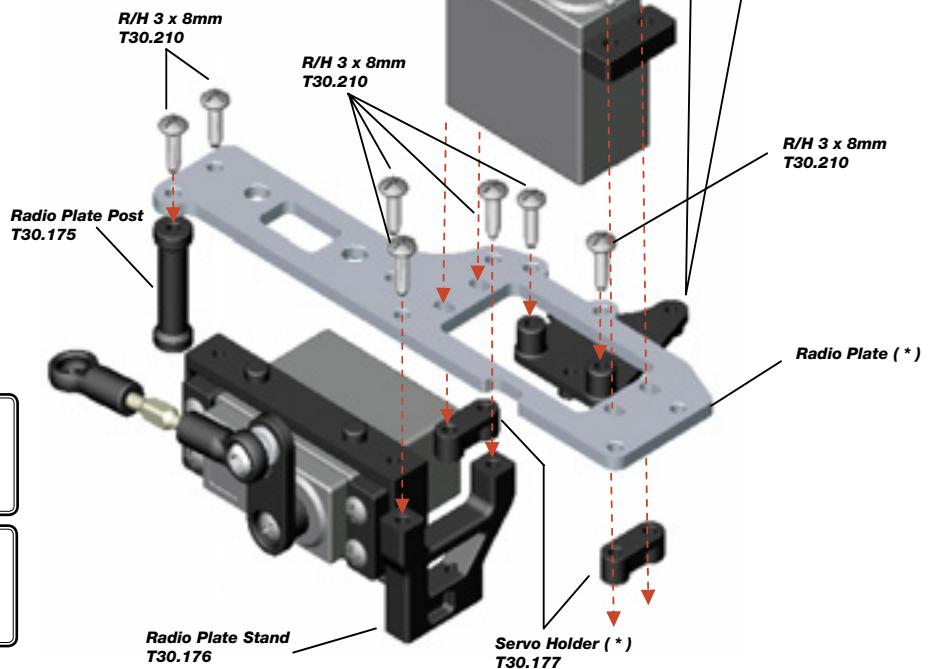
* Servo Horn Set T30.132

-  R/H 3mm x 16mm (x4)
-  R/H 3mm x 8mm (x1)
-  R/H 3mm x 6mm (x1)



Assembly Radio Plate

-  R/H 3mm x 8mm (x6)
-  R/H 3mm x 16mm (x4)



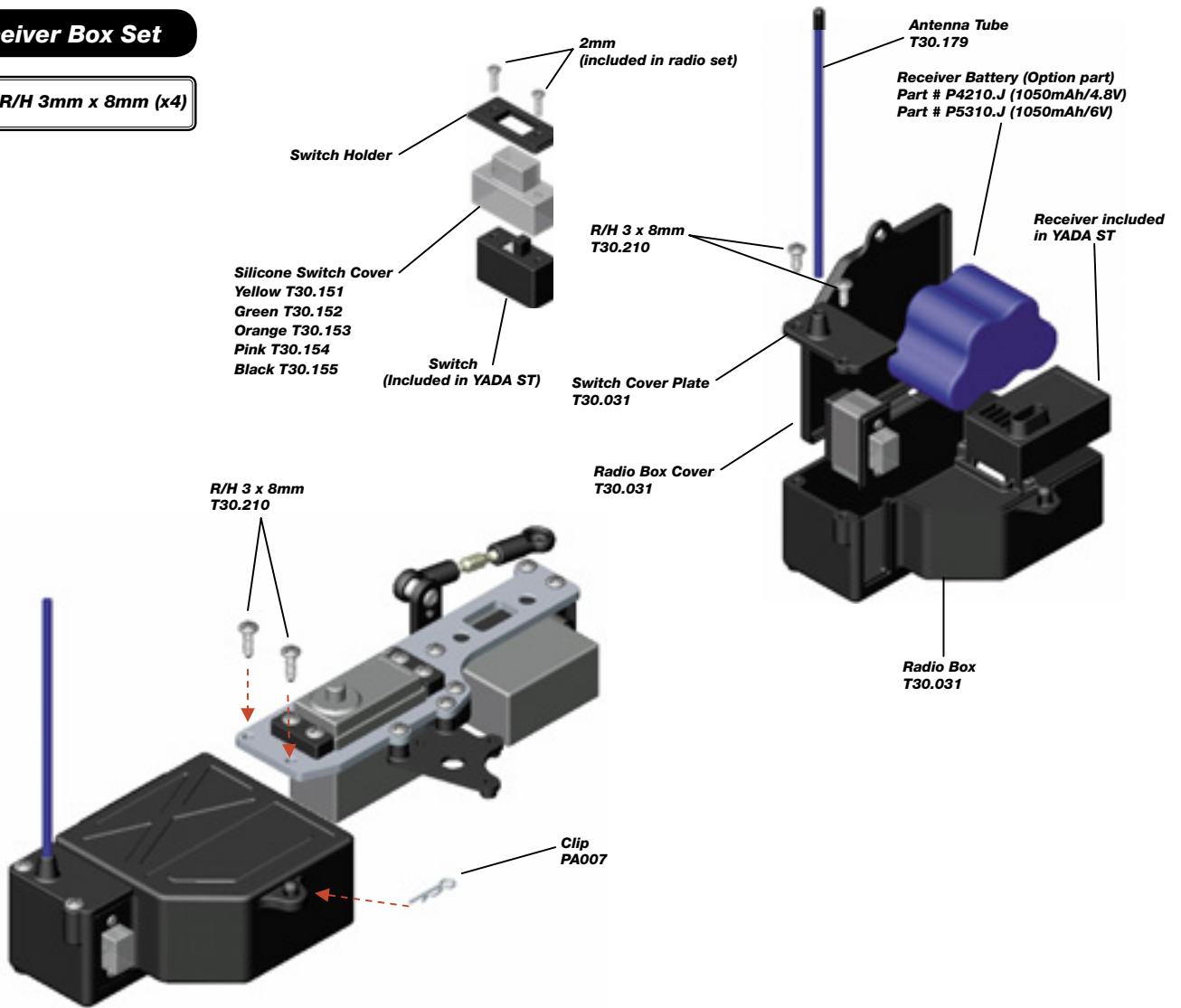
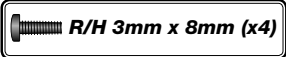
* YADA ST = 6061 Aluminium Radio Plate T30.094
YADA PRO = 7075 Radio Plate T31.216
YADA PRO-X = 7075 Radio Plate T31.240

* YADA ST = Plastic Servo Holder T30.177
YADA PRO = 7075 Servo Holder T31.229
YADA PRO-X = 7075 Servo Holder T31.229

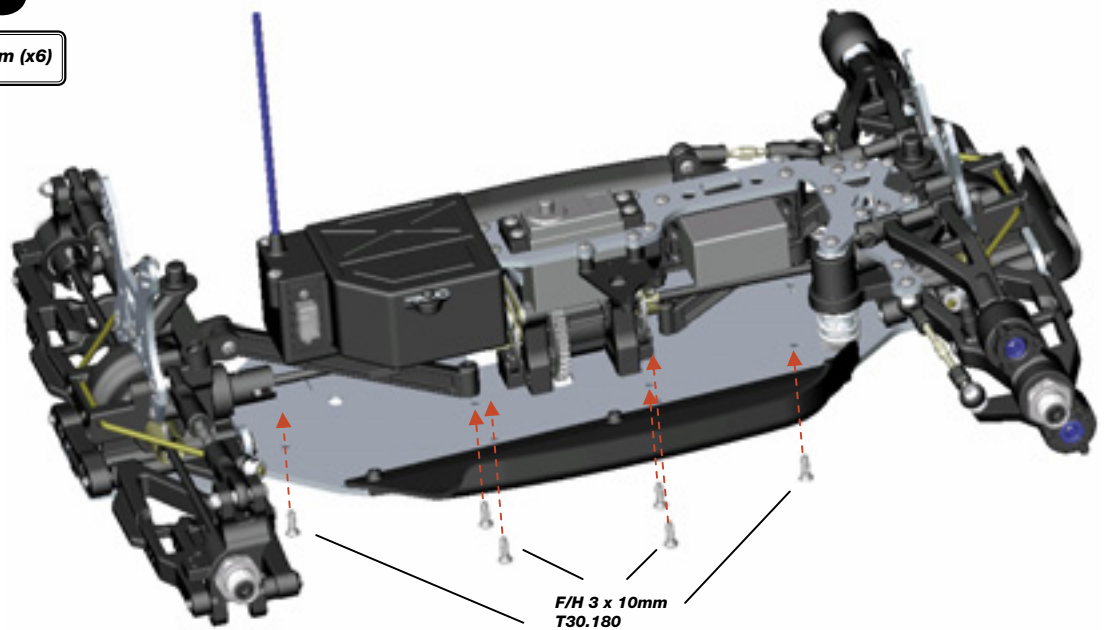
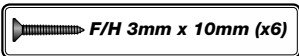


**Assembling the radio plate / Montage van de radioplaat /
Montage de la platine radio / Montieren von die Fernsteuerungs Platine**

Receiver Box Set





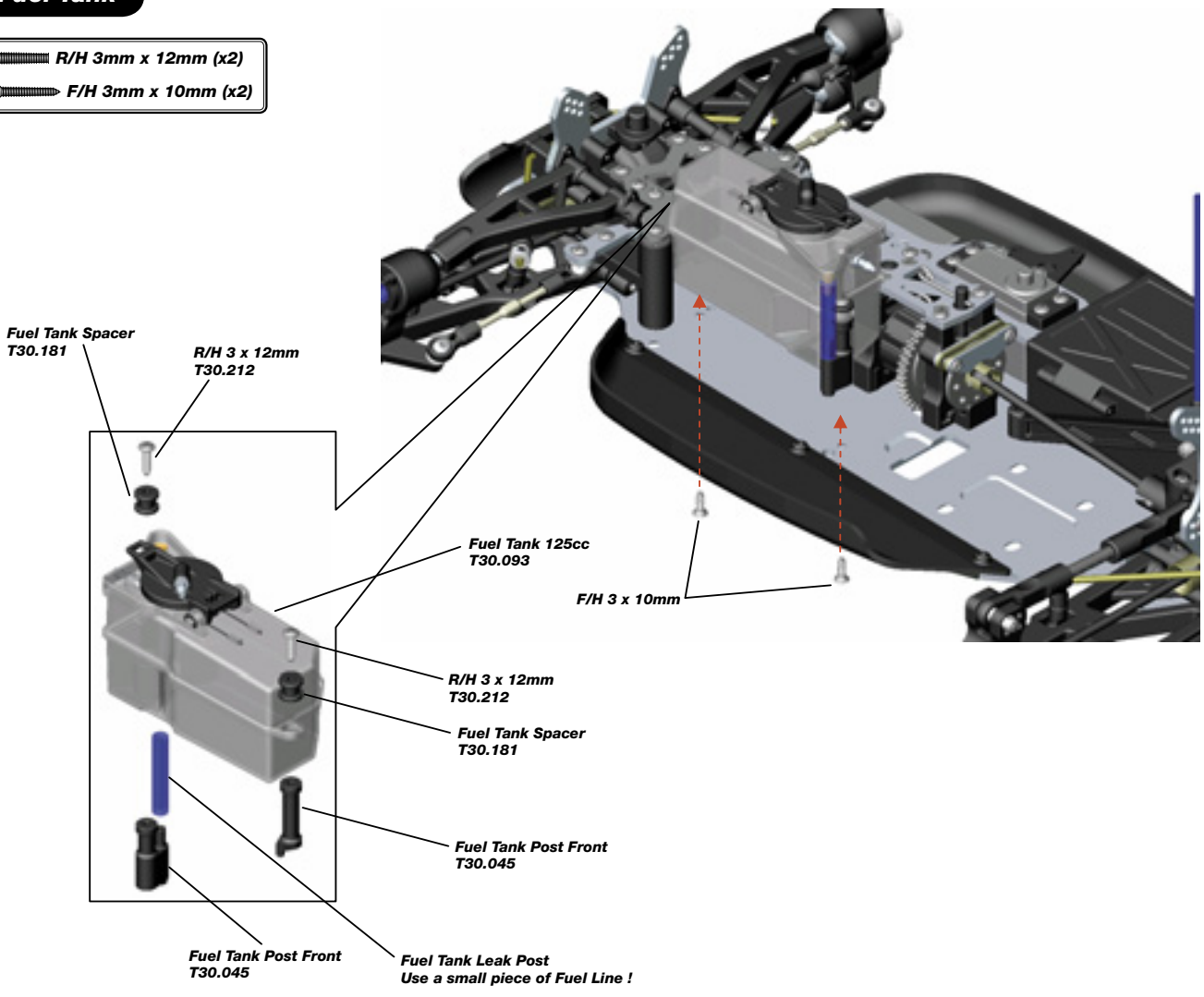
Radio plate Set



**Assembly of the Fuel Tank / Montage van de Brandstoftank
Montage du Réservoir / Montierung des Kraftstofftank**

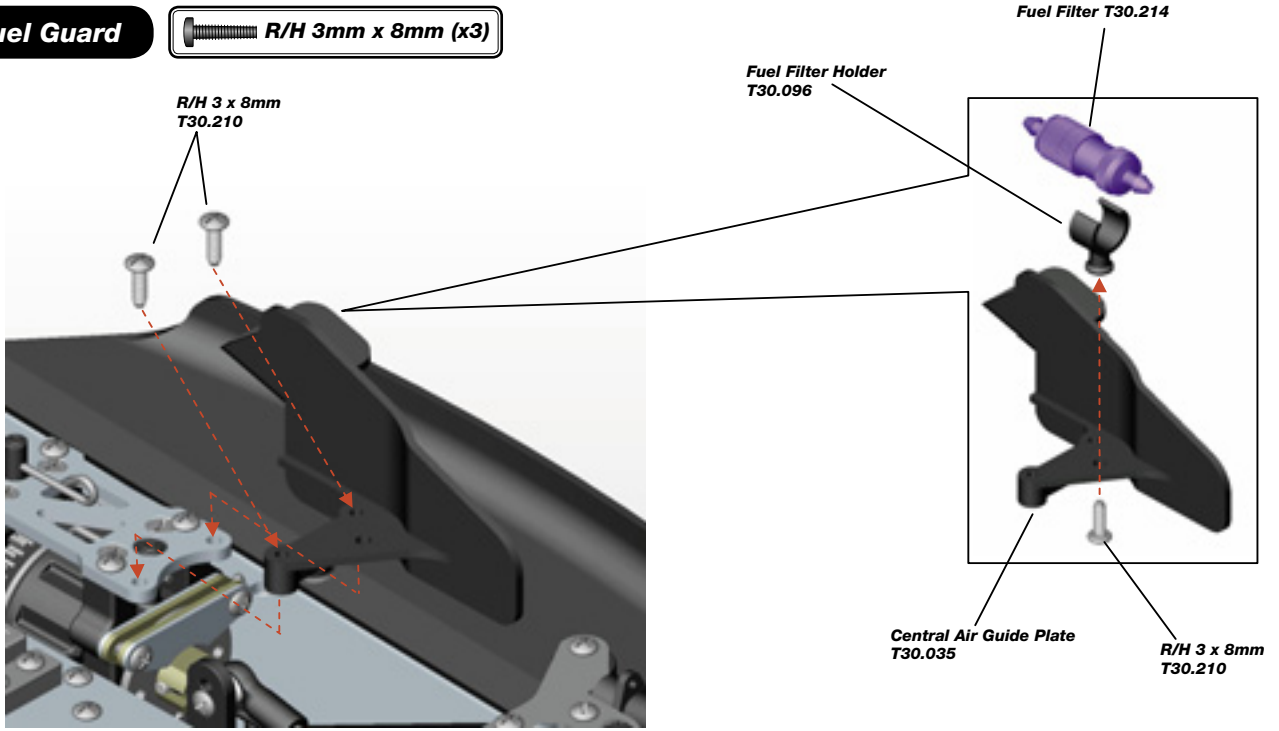
Fuel Tank

-  R/H 3mm x 12mm (x2)
-  F/H 3mm x 10mm (x2)




Fuel Guard

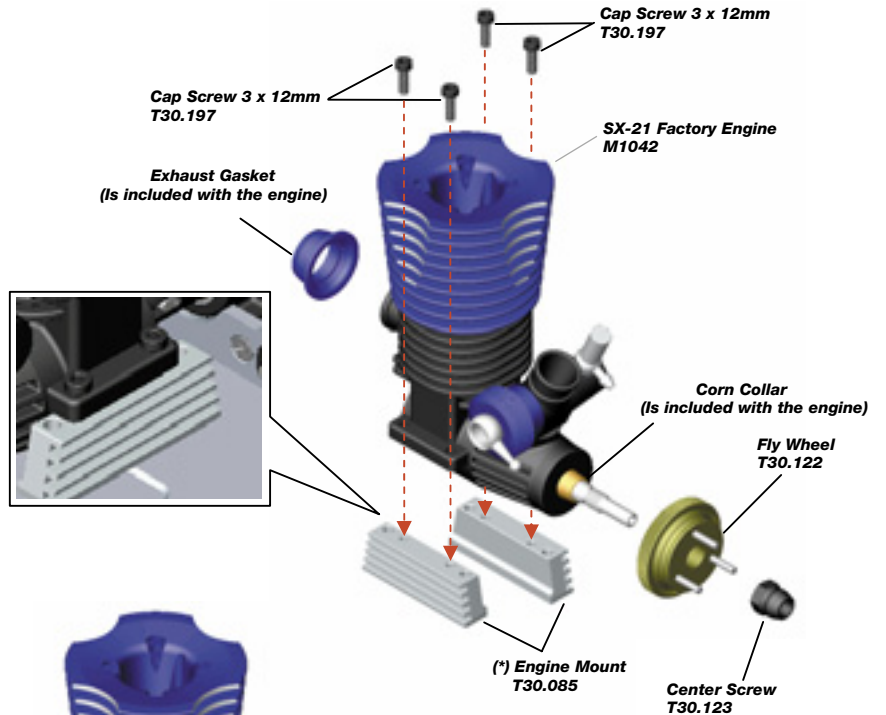
-  R/H 3mm x 8mm (x3)



Building the clutch / Montage van de koppeling Montage du système d'embrayage / Montierung von die kupplungsglocket

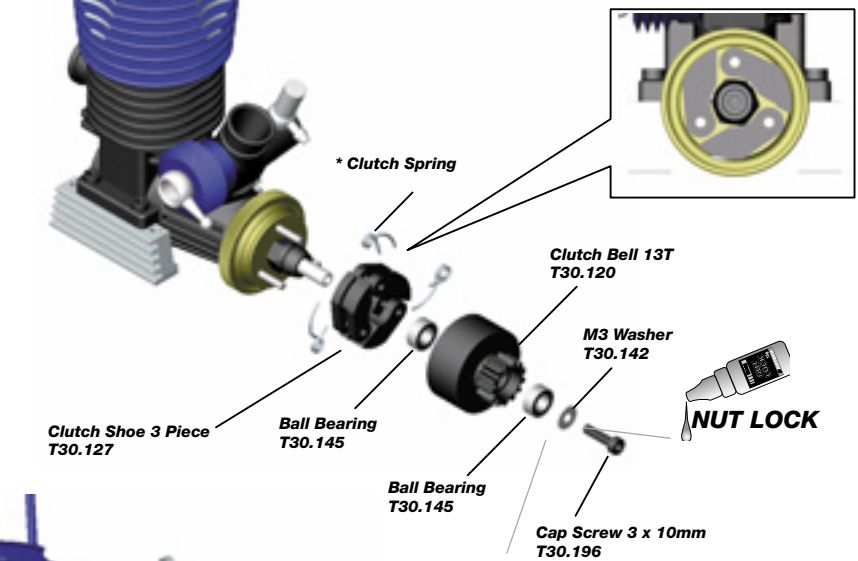
Clutch Set Up

-  **Cap 3mm x 12mm (x4)**
-  **Cap 3mm x 10mm (x1)**



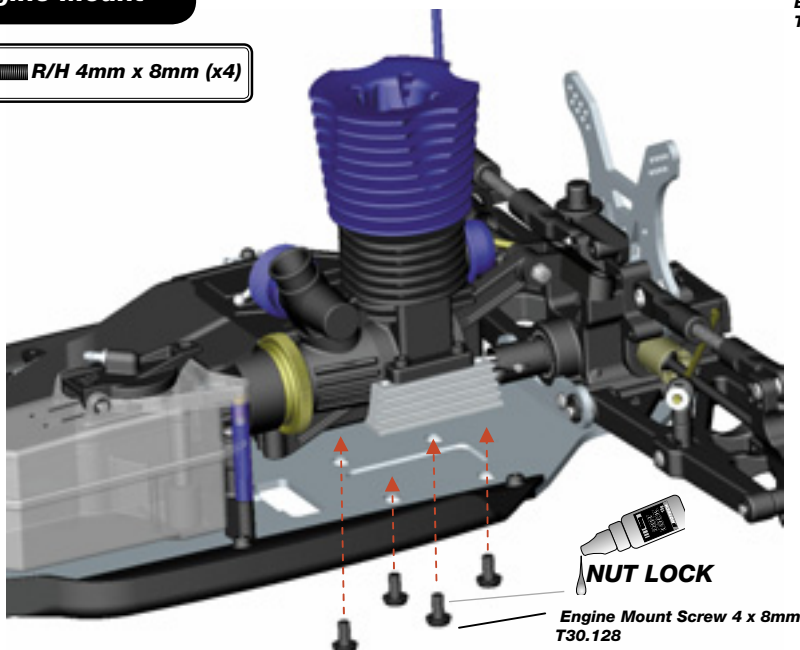
- * Engine Mount YADA ST 6061 = T30.085
- Engine Mount YADA PRO = T31.214
- Engine Mount YADA PRO-X = T31.234

- * Clutch Spring 0.9mm = T30.124
- Clutch Spring 1.0mm = T30.125
- Clutch Spring 1.1mm = T30.126



Engine Mount





-  **R/H 4mm x 8mm (x4)**

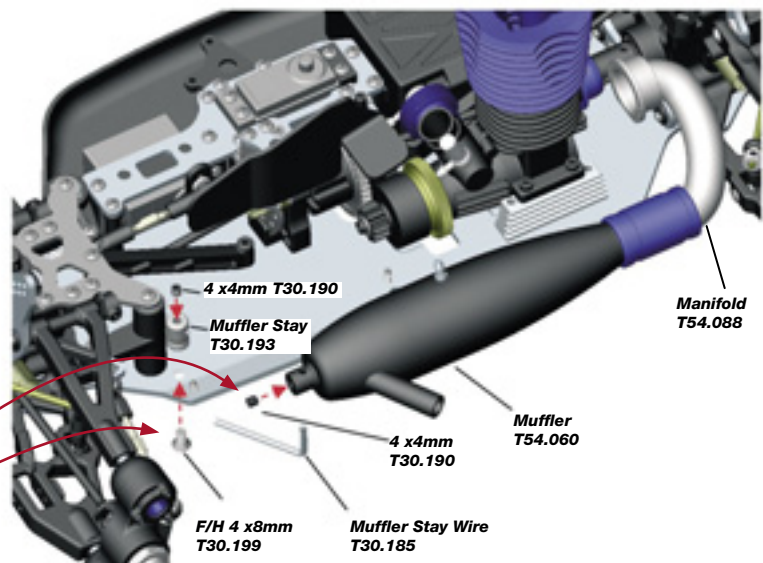


This gap can be adjusted by adding one or more shims
Ajoutez une ou plusieurs rondelles pour limiter le jeu
Deze spatie kan opgevuld worden met één of meer rondellen
Die Spatzierung kann aufgefüllt werden mit ein oder mehrere Unterlegscheiben

**Assembly of the throttle control linkage / Montage van de carburator aansturing
Montage de la commande de carburateur / Montieren von die vergaser anlenkung**



Muffler

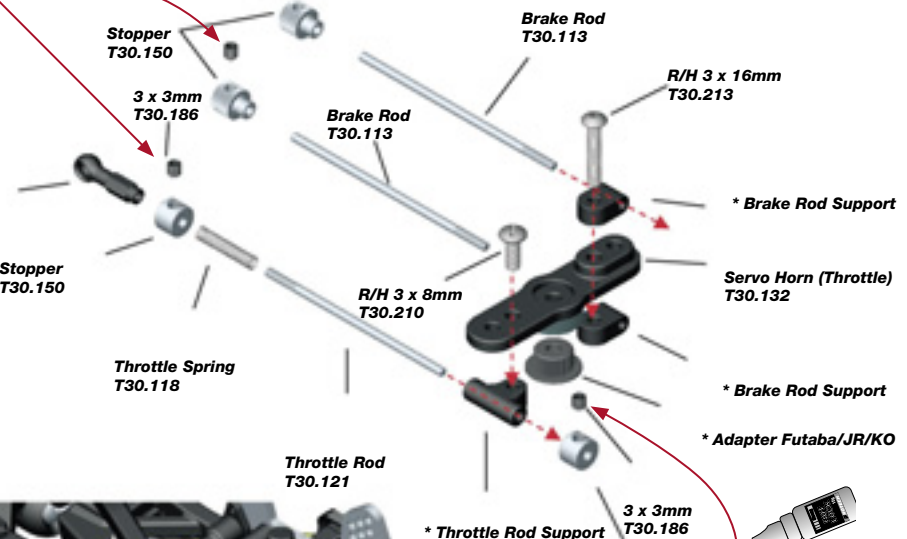
-  R/H 3mm x 8mm (x1)
-  R/H 3mm x 8mm (x1)
-  F/H 4mm x 8mm (x1)
-  3mm x 3mm (x4)



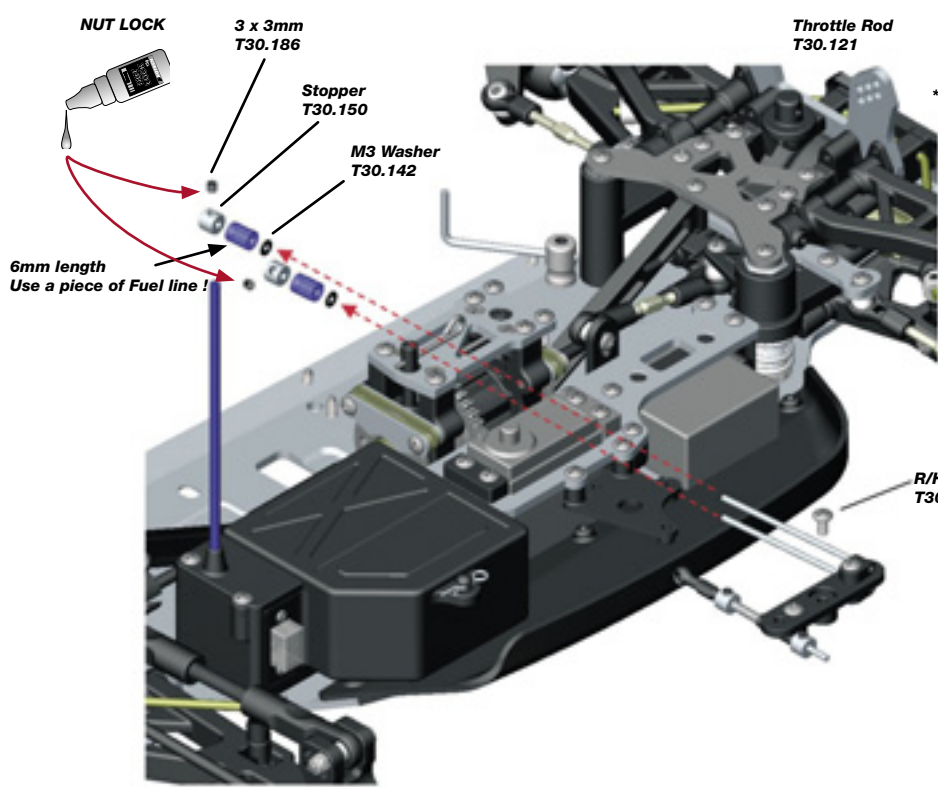
- Stopper Purple T30.148
- Stopper Black T30.149
- Stopper Silver T30.150

Throttle Control Linkage

-  R/H 3mm x 6mm (x1)
-  3 x 3mm (x2)



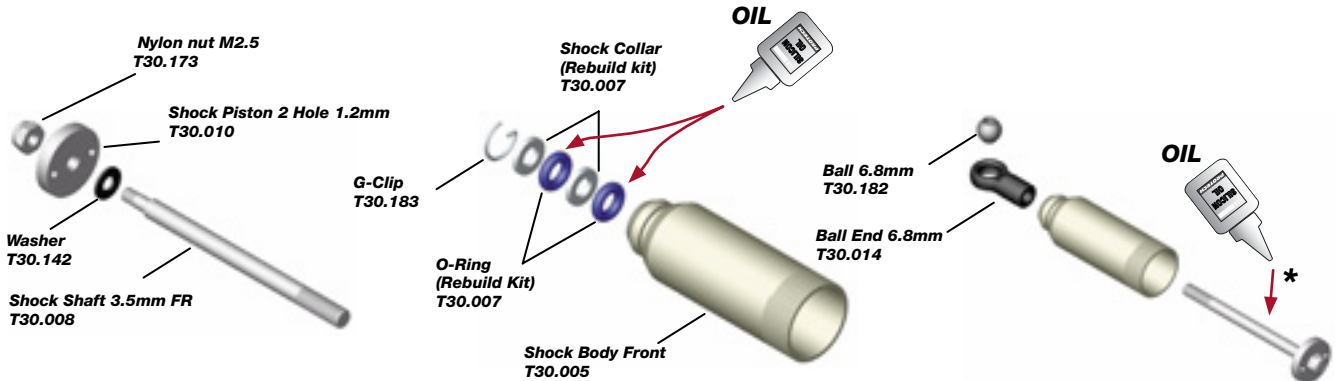
* Throttle Control Linkage Set T30.119



Assembly of the FR & RE shock absorbers / Montage van de voorste & achterste schokdempers Assemblage des amortisseurs AV & AR / Montierung des dämpferzylinder vorne und hinten

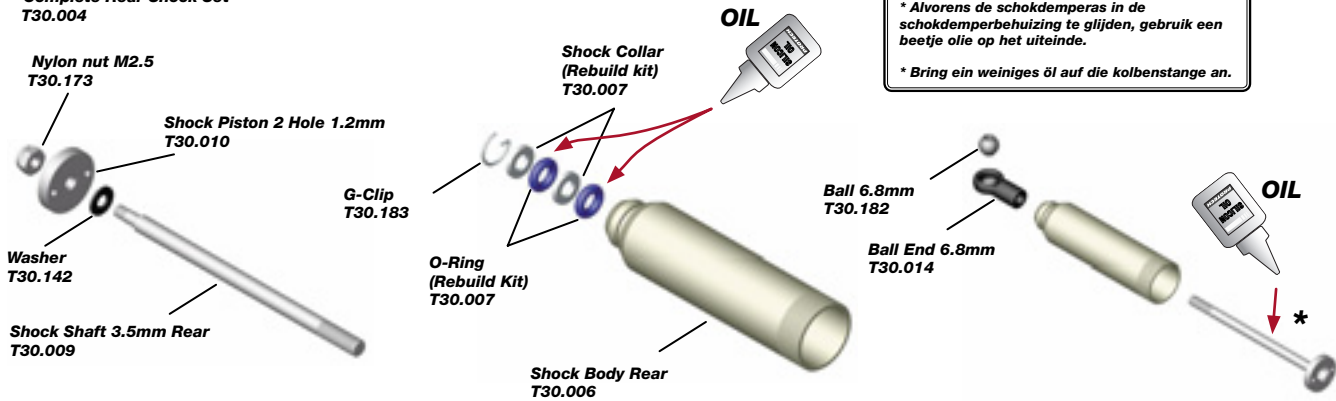
Front Shock 2x!

* Complete Front Shock Set
T30.003



Rear Shock 2x!

* Complete Rear Shock Set
T30.004

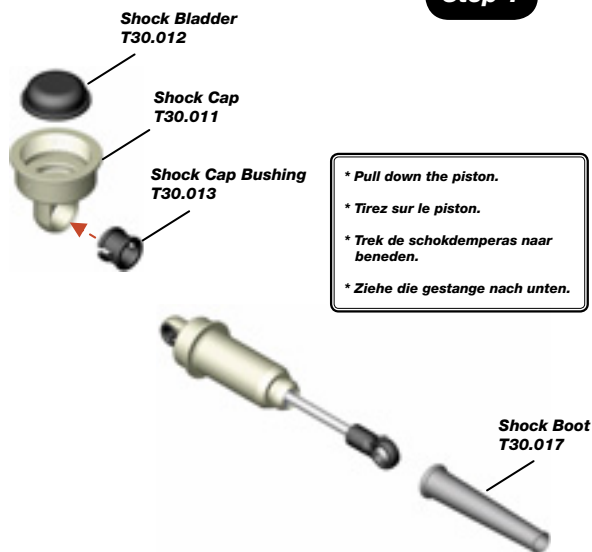


* To insert the shock shaft more easily in the shock body, apply some oil.
* Avant de glisser l'axe dans le corps d'amortisseur, mettez un peu d'huile.
* Alvorens de schokdemperas in de schokdemperbehuizing te glijden, gebruik een beetje olie op het uiteinde.
* Bring ein wenig Öl auf die Kolbenstange an.

Shock Oil Set Up

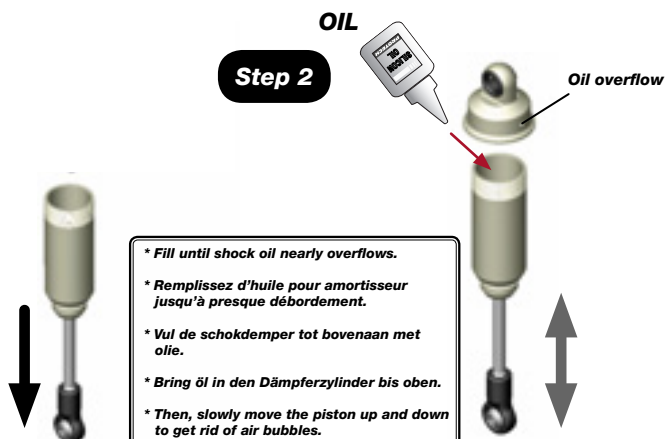
Front = SL500 Silicon oil / Rear = SL450 oil

Step 1



* Pull down the piston.
* Tirez sur le piston.
* Trek de schokdemperas naar beneden.
* Ziehe die gestange nach unten.

Step 2



* Fill until shock oil nearly overflows.
* Remplissez d'huile pour amortisseur jusqu'à presque débordement.
* Vul de schokdemper tot bovenaan met olie.
* Bring öl in den Dämpferzylinder bis oben.
* Then, slowly move the piston up and down to get rid of air bubbles.
* Bougez lentement de haut en bas pour enlever les bulles d'air.
* Beweeg de schokdemperas langzaam op en neer om de luchtbelen uit de olie te krijgen.
* Drücken sie die kolbenstange langsam nach oben und nach unten um luftblase zu entfernen.

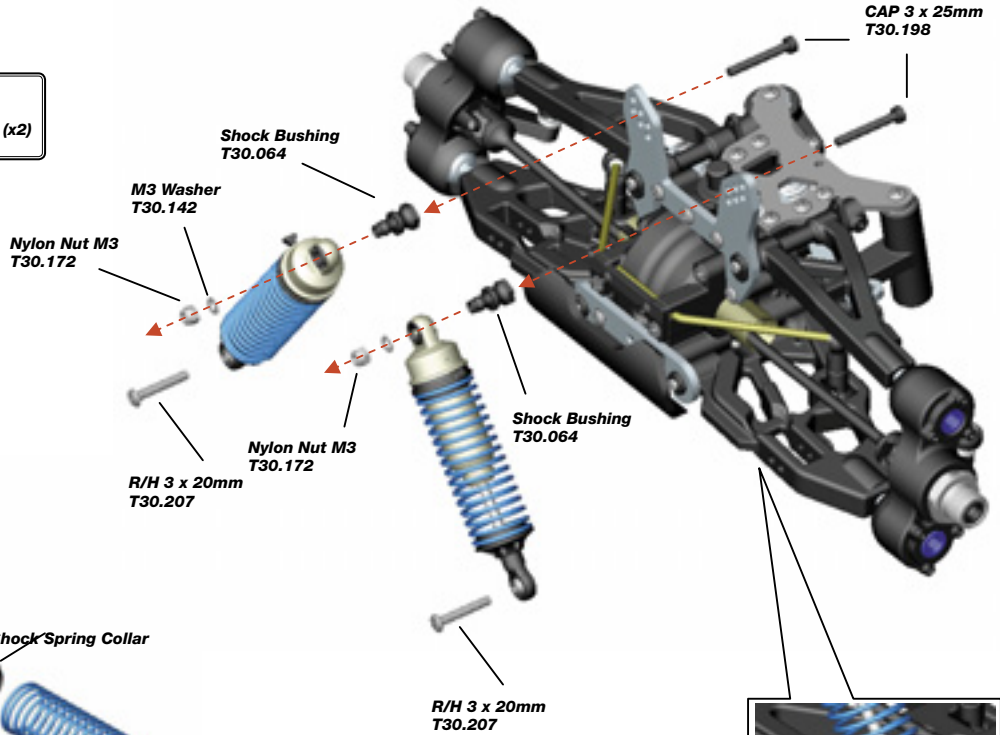
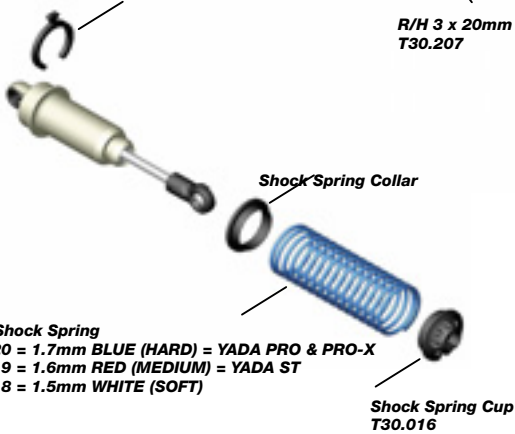
**Mounting of the front & rear shock absorbers / Montage van de voorste & achterste schokdempers
Montage des amortisseurs AV & AR / Montierung des dämpferzylinder vorne und hinten**

Front Shock



Basic Set up = 2mm adjuster

Shock Spring Adjuster
1, 2, 5 and 10mm
T30.015

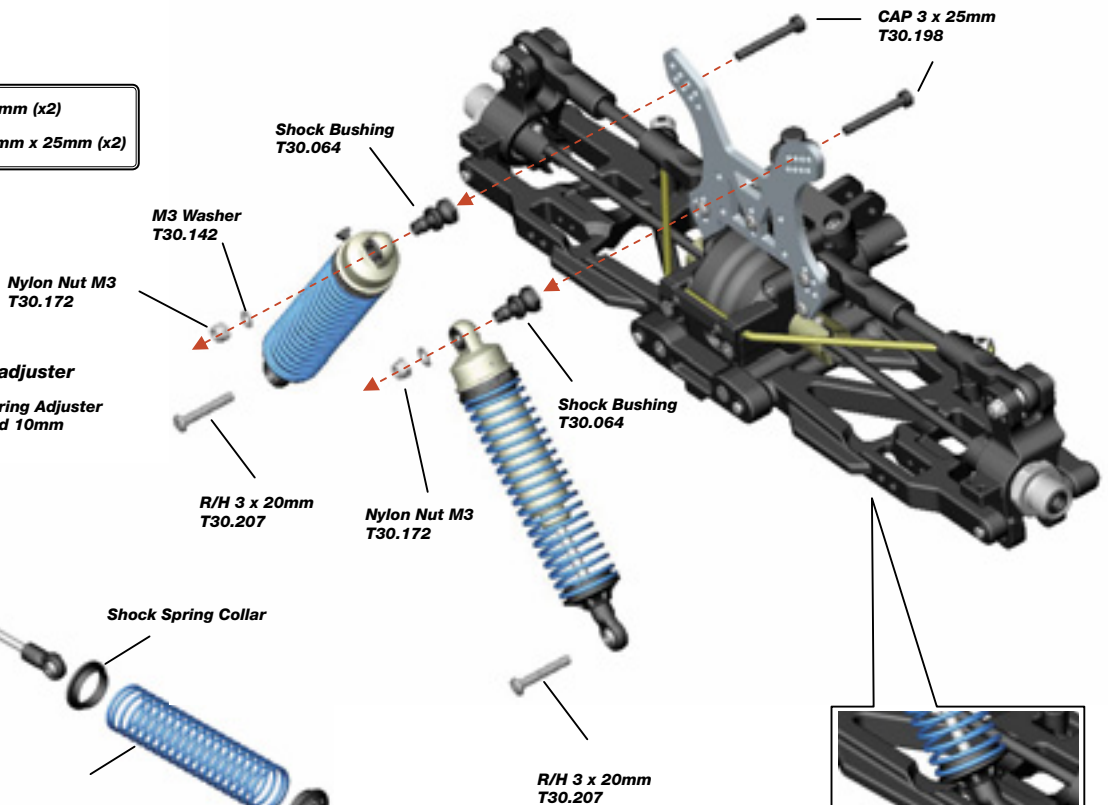
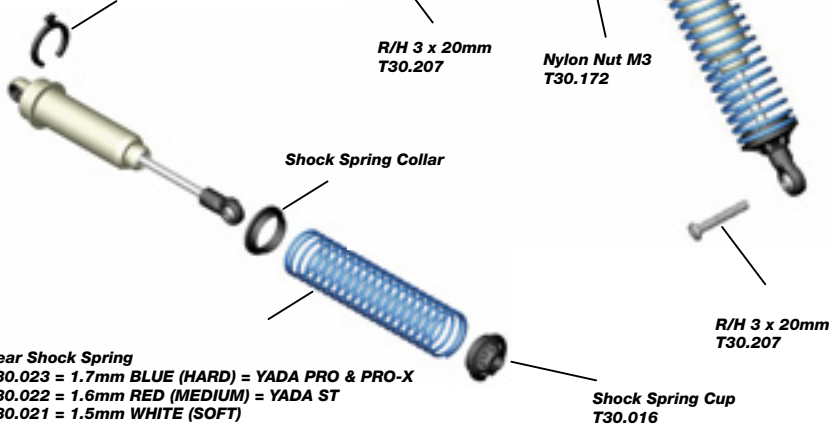


Rear Shock



Basic Set up = 5mm adjuster

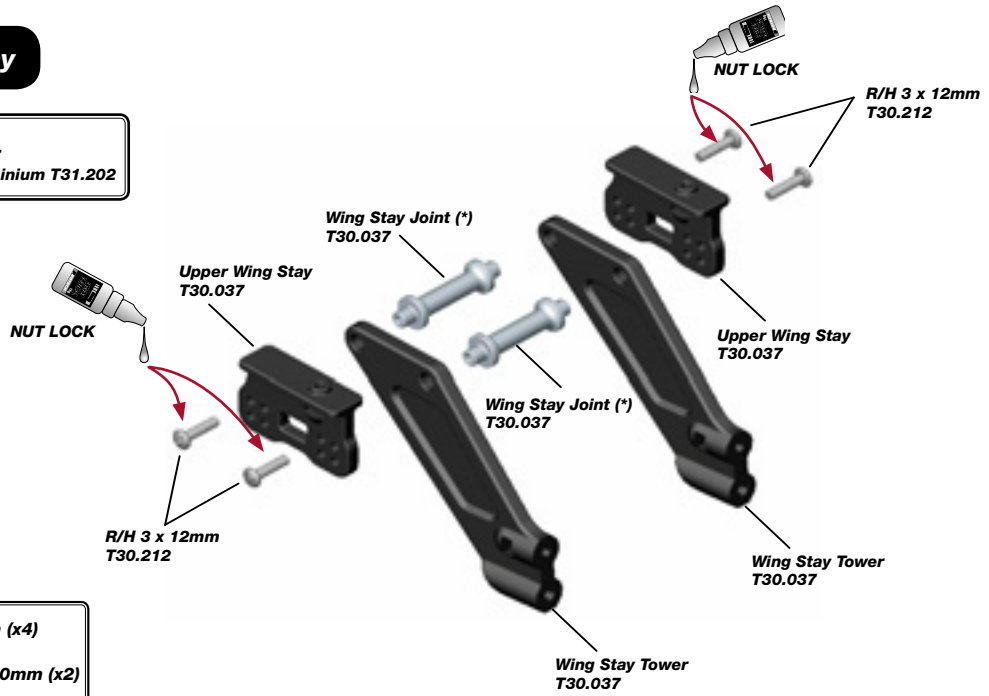
Shock Spring Adjuster
1, 2, 5 and 10mm
T30.015



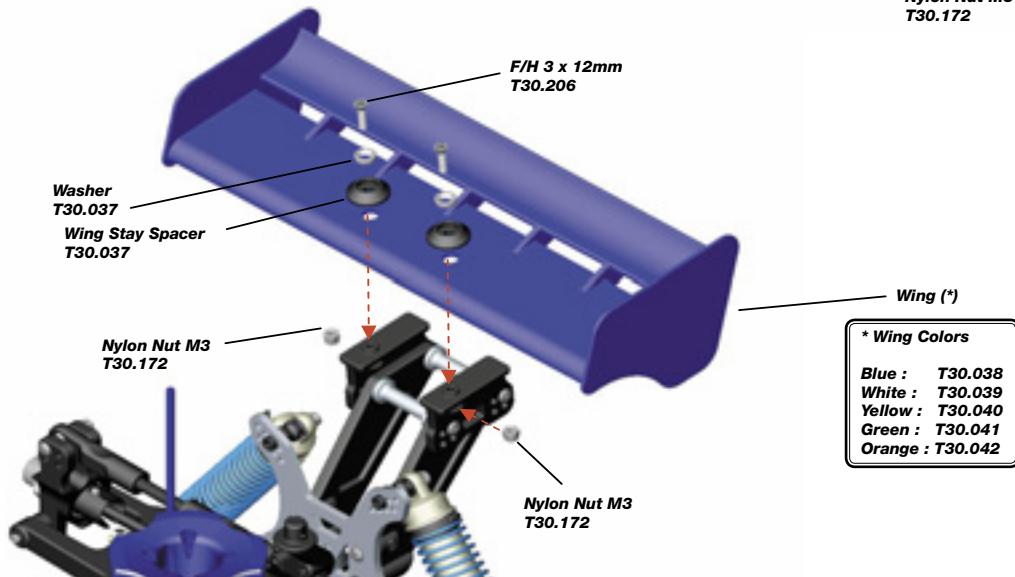
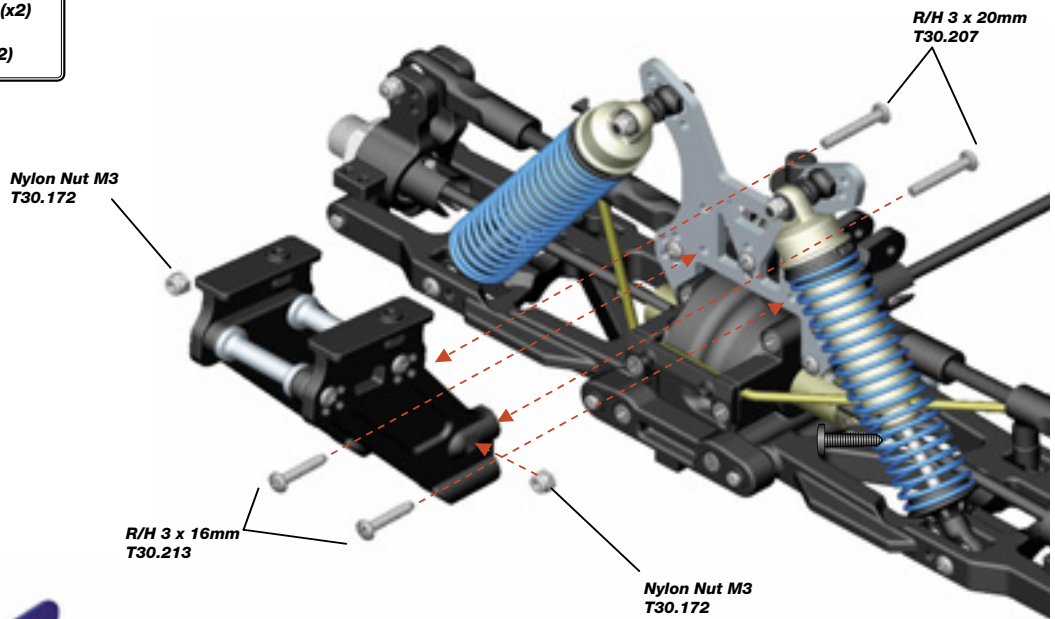
**Mounting of the rear wing / Montage van de achtervleugel
Montage de l'aileron AR / Montierung des heckflügel**

Wing & Wing Stay

Wing Stay Joint
YADA ST = plastic T30.037
YADA PRO & PRO-X = aluminium T31.202



- R/H 3mm x 12mm (x4)
- R/H 3mm x 20mm (x2)
- R/H 3mm x 16mm (x2)
- F/H 3mm x 12mm (x2)



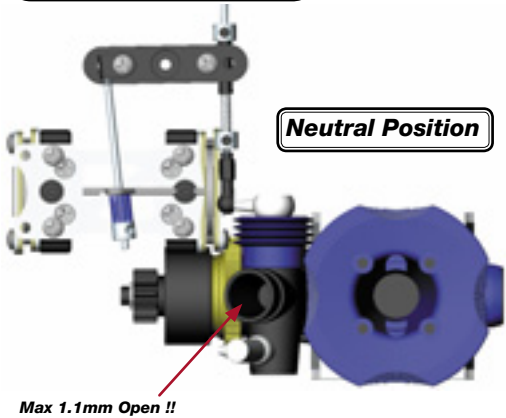
*** Wing Colors**

Blue :	T30.038
White :	T30.039
Yellow :	T30.040
Green :	T30.041
Orange :	T30.042

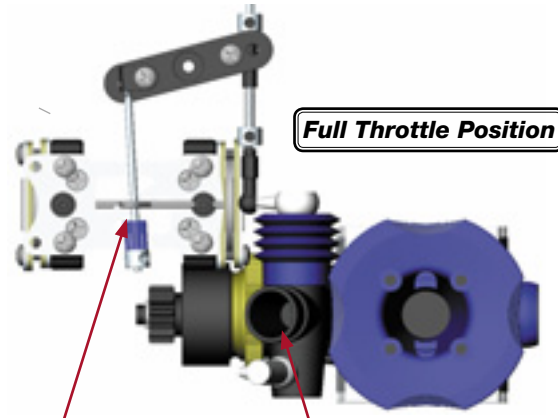


**Throttle linkage & assembly of the Air filter / Carburator afstelling & montage van de Luchtfilter
 Reglage de la commande de carburateur & montage du filtre à air / Die vergaser anlenkung & des luftfilter**

Linkage Adjustment



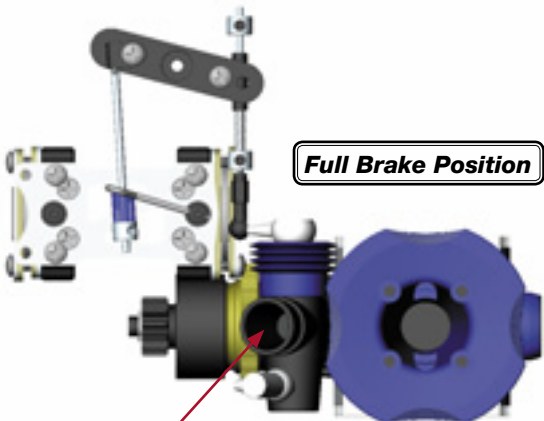
Neutral Position



Full Throttle Position

Full Throttle = Brake at neutral position !!

Full Troille = Carburator max Open !!



Full Brake Position

Full Brake = Carburator max 1.1mm Open !!

Airfilter

F/H 3mm x 12mm (x2)



LX 906

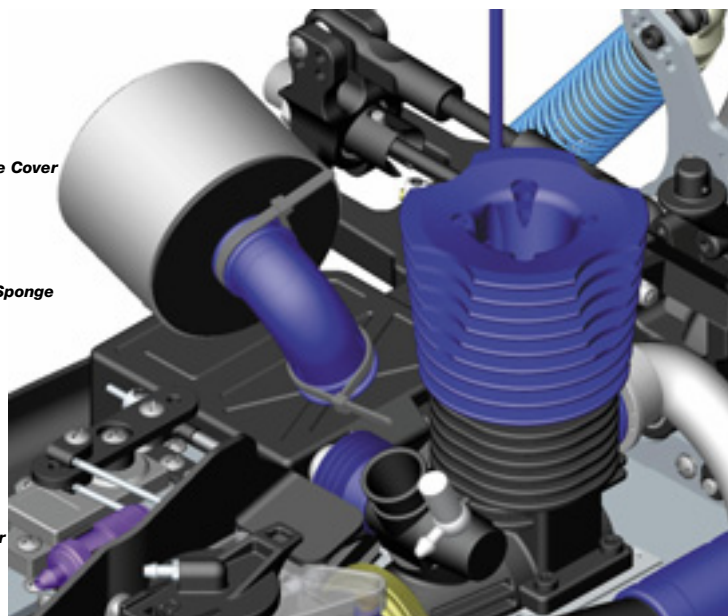
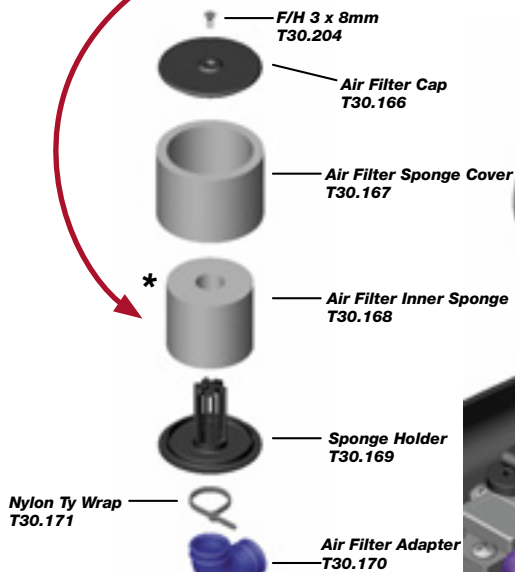
Air Filter Set Black T30.129
 Air Filter Set White T30.130
 Air Filter Set BLue T30.131

Use special air-filter oil (Use LX 906) on the inner sponge filter (not on the outer filter) to stop dust from getting into the engine.

Utilisez toujours de l'huile spéciale pour filtre à air (LX906) pour empêcher la poussière d'entrer dans le moteur.

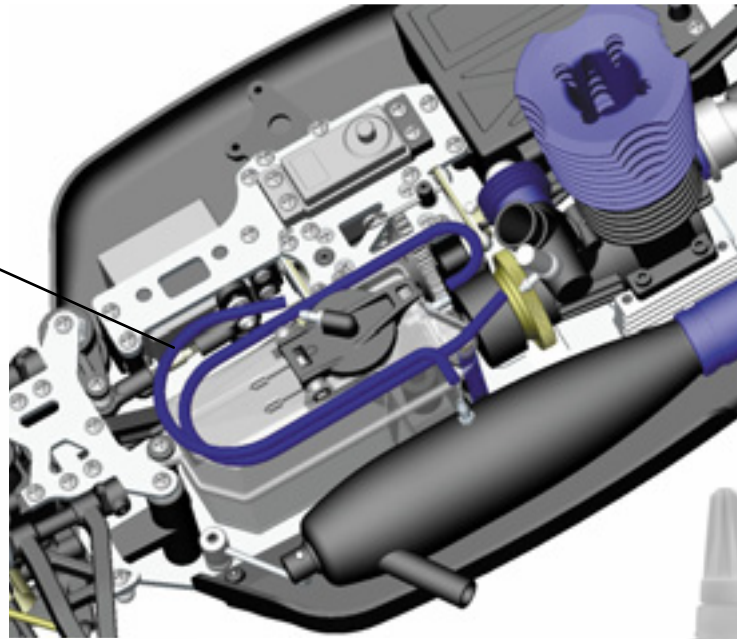
Gebruik speciale luchtfILTER olie (Gebruik LX 906) op de mouse om te vermijden dat stof en vuil in de motor terecht komt.

Gebrauchen Sie Spezialen Luftfilter Öl (LX906) auf das Schaumstoff so vermeiden Sie das Schmutz und Staub im Motor eindringt.



**Assembly of the tires & Fuel line / Montage van de banden & Benzineleiding
Montage des pneus & le fuselage/ Montieren von reifen & den siliconeschlauch fur den kraftstofftank**

Fuel line & Tires



Fuel Line
MA600

Tire
T30.165
More Tyres on p.35



Foam Insert:
Soft Foam Insert T30.138
Medium Foam Insert T30.139
Hard Foam Insert T30.140

Rims:
White T30.133
Green T30.134
Yellow T30.135
Orange T30.136
Black T30.137

Protech CA Glue
A105-25



Mount the insert and the tires on the rims, carefully glue the tires to the rims using CA glue (we recommend using PROTECH CA glue part no: A105 -25)

Collez les inserts et les pneus sur les jantes avec de la colle cyanoacrylate (nous recommandons la CA PROTECH nr. A105-25).

Plaats de mousse en de banden op de velgen, voorzichtig de banden op de velgen verlijmen met CA lijm (Wij raden aan dat U PROTECH CA lijm nr. A105-25 gebruikt).

Montieren Sie den Schaumstoff und Reifen auf die Felgen, kleben Sie die Reifen vorsichtig auf die Felgen mit CA Klebstoff (PROTECH n°: A105-25).



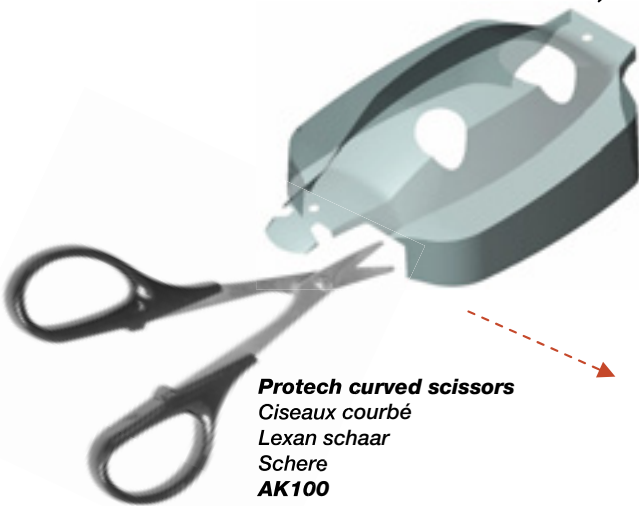
Wheel Hub Nut
T30.141

**Cut out of the body / Uitsnijden van de carrosserie
Découpe de la carrosserie / Ausschneiden von Karosserie**

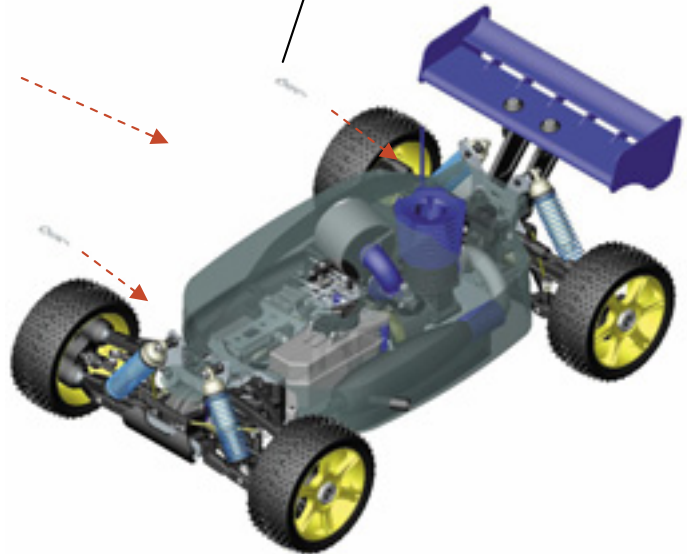
Body

Body (Clear)
T30.001

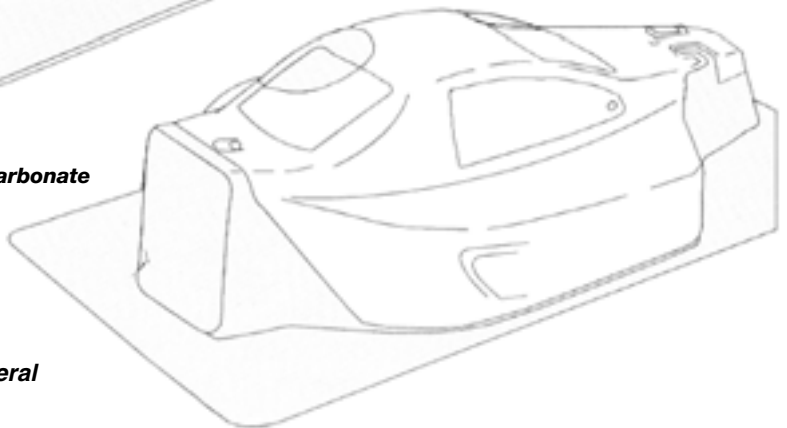
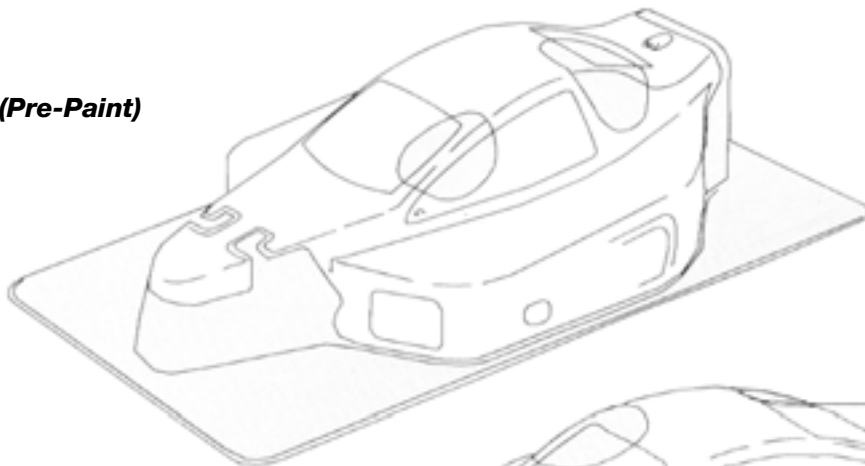
Body Clips
PA007



Protech curved scissors
Ciseaux courbé
Lexan schaar
Schere
AK100



YADA Buggy Body (Pre-Paint)
T30.002



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

RF... (*)

Check the colours in our general
catalog or visit us at
<http://www.protech.be>



Spare parts / Onderdelen
Pièces détachées / Unterteilen

■ Included in kit

▲ Option part

PART #	DESCRIPTION	ST	PRO
T30	YADA ST RTR Nitro Buggy w Radio&Engine		
T31	YADA PRO Nitro Buggy		
T30.001	YADA Buggy Body (Clear)		■
T30.002	YADA Buggy Body (Pre-Paint)	■	
T30.003	Front Shock Set	■	■
T30.004	Rear Shock Set	■	■
T30.005	Front Shock Body x 2	■	■
T30.006	Rear Shock Body x 2	■	■
T30.007	Shock Rebuilt Kit	■	■
T30.008	Front Shock Shaft x 2	■	■
T30.009	Rear Shock Shaft x 2	■	■
T30.010	Shock Piston 2-hole 1.2mm x 2	■	■
T30.011	N/A		
T30.012	Shock Bladders x 4	■	■
T30.013	Shock Cap Bushing x 4	■	■
T30.014	Shock Shaft Ball End x 4	■	■
T30.015	Shock Spring Adjuster Set x 2	■	■
T30.016	Shock Spring Cup Set (Up & Down) x 4	■	■
T30.017	Shock Boots x 4	■	■
T30.018	Shock Spring -Front White 1.5mm x 2	▲	▲
T30.019	Shock Spring-Front Red 1.6mm x 2	■	▲
T30.020	Shock Spring-Front Blue 1.7mm x 2	▲	■
T30.021	Shock Spring-Rear White 1.5mm x 2	▲	▲
T30.022	Shock Spring-Rear Red 1.6mm x 2	■	▲
T30.023	Shock Spring-Rear Blue 1.7mm x 2	▲	■
T30.024	Brake Disc Holder	■	■
T30.025	Front/Rear Lower Suspension Arm x 2	■	■
T30.026	Front Upper Suspension Arm x 2	■	■
T30.027	Gear Case x 2	■	■
T30.028	Center Diff. Mount Set x 2	■	
T30.030	Rear Hub Set x 1 each	■	■
T30.031	Radio Box Set	■	■
T30.032	Side Guards L & R	■	■
T30.033	Front Bumper	■	■
T30.034	Differential Case	■	■
T30.035	Center Air Guide Plate	■	■

PART #	DESCRIPTION	ST	PRO
T30.036	Chassis Brace Set (Front & Rear)	■	
T30.037	Wing Stay Set	■	■
T30.038	Wing Blue	▲	▲
T30.039	Wing White	■	■
T30.040	Wing Yellow	▲	▲
T30.041	Wing Green	▲	▲
T30.042	Wing Orange	▲	▲
T30.043	Front Upper Sus. Hinge Pin Holder	■	
T30.045	Fuel Tank Post Set	■	■
T30.046	Front & Rear Body Mount	■	■
T30.047	Steering Servo Mount	■	
T30.048	Front & Rear Toe-In Set 1,2,3 degree	■	■
T30.049	Front /Rear Toe-In Adjuster	■	■
T30.050	Rear Upper Arm-Ball End 7mm	■	■
T30.051	Sway Bar Mount-Ball End 3mm	■	■
T30.052	Universal Drive Joint	■	■
T30.053	FR centre & RE centre Drive Shaft	■	■
T30.054	Rear Drive Shaft	■	
T30.055	Diff. Out drive	■	■
T30.056	Center Diff. Out Drive (Flat Face)	■	■
T30.057	Drive Joint	■	■
T30.058	Rear Wheel Axle	■	
T30.059	Brake Pad	■	■
T30.060	Brake Disc, 2pcs	■	■
T30.061	14mm Steering Pivot Ball	■	■
T30.062	Steering Servo Saver Post	■	■
T30.063	Servo Saver Full Set	■	■
T30.064	Shock Bushing	■	■
T30.065	Front Rear Brake Cam	■	■
T30.066	Rear Upper Suspension Turnbuckle	■	■
T30.067	44T Steel Spur Gear	■	■
T30.068	43T Diff. Gear	■	■
T30.069	13T Pinion Gear	■	■
T30.070	18T Diff. Bevel Gear	■	■
T30.071	10 Diff. Bevel Gear	■	■
T30.072	Front Lower Suspension Hinge Pin	■	■
T30.073	Front Upper Suspension Hinge Pin	■	■



Spare parts / Onderdelen
Pièces détachées / Unterteilen

■ Included in kit

▲ Option part

PART #	DESCRIPTION	ST	PRO
T30.074	Rear Hub Hinge Pin	■	■
T30.075	Diff. Bevel Gear Shaft	■	■
T30.076	CNC Main Chassis		■
T30.077	Main Chassis	■	
T30.078	Front Shock Tower 6061T	■	
T30.079	Rear Shock Tower 6061T	■	
T30.080	Front Support Plate 6061T	■	
T30.081	Steering Plate 6061T	■	
T30.082	Center Diff. Support Plate 6061T	■	
T30.083	Front Suspension Arm Holder	■	
T30.084	Rear Suspension Arm Holder	■	
T30.085	Engine Mount	■	
T30.086	Wheel Hub x 2	■	■
T30.087	1.5mm Diff. O-Ring x 5	■	■
T30.088	Shim Ring 13 x 16 x 0.1mm & 0.2mm	■	■
T30.089	Diff. Washer Large	■	■
T30.090	Diff. Washer Small	■	■
T30.091	Diff. Gasket	■	■
T30.092	YADA Sticker Sheet	■	■
T30.093	Fuel Tank 125cc	■	■
T30.094	Radio Plate 6061T	■	
T30.095	Steering Ball End	■	■
T30.096	Fuel Filter Holder	■	■
T30.097	Servo Arm Bushing	■	■
T30.098	Servo Ball End 6mm (Plastic)	■	■
T30.099	Long Ball 6mm (Steering)	■	■
T30.100	Stabilizer Ball 6mm	■	■
T30.102	Ball 6mm	■	
T30.103	Differential Pin	■	■
T30.104	Sway Bar Plate (Plastic)	■	
T30.105	Front Sway Bar 2.2mm	▲	▲
T30.106	Front Sway Bar 2.3mm	▲	■
T30.107	Front Sway Bar 2.4mm	▲	▲
T30.108	Rear Sway Bar 2.7mm	▲	▲
T30.109	Rear Sway Bar 2.8mm	■	▲
T30.110	Rear Sway Bar 2.9mm	▲	▲
T30.111	Shim Ring 5 x 7 x 0.1mm & 0.2mm	■	■

PART #	DESCRIPTION	ST	PRO
T30.112	Brake Cam Level	■	■
T30.113	Brake Rod	■	■
T30.114	Throttle Rod End (Plastic)	■	■
T30.115	Wheel Hub Pin	■	■
T30.116	Ball 7mm	■	
T30.117	Brake Cam Bushing	■	■
T30.118	Throttle Spring	■	■
T30.119	Throttle Linkage Set	■	■
T30.120	Clutch Bell 13T	■	■
T30.121	Throttle Rod	■	■
T30.122	Flywheel	■	▲
T30.123	Center Screw	■	▲
T30.124	Clutch Spring 0.9mm	■	▲
T30.125	Clutch Spring 1.0mm	▲	▲
T30.126	Clutch Spring 1.1mm	▲	▲
T30.127	3 Piece Clutch Shoe (Plastic)	■	
T30.128	Engine Mount Screw	■	■
T30.129	Air Filter Set Black	■	▲
T30.130	Air Filter Set White	▲	▲
T30.131	Air Filter Set Blue	▲	▲
T30.132	Servo Horn Set	■	■
T30.133	Wheel White (6 Spoke Design)	▲	▲
T30.134	Wheel Green (6 Spoke Design)	▲	▲
T30.135	Wheel Yellow (6 Spoke Design)	▲	▲
T30.136	Wheel Orange (6 Spoke Design)	▲	▲
T30.137	Wheel Black (6 Spoke Design)	▲	▲
T30.138	Soft Foam Tire Insert	▲	▲
T30.139	Medium Foam Tire Insert	■	■
T30.140	Hard Foam Tire Insert	▲	▲
T30.141	Screw Bag	■	■
T30.142	M3 Washer	■	■
T30.143	M4 Washer	■	■
T30.144	Rubber Sealed Bearing 8*16*5mm x 10	■	■
T30.145	Rubber Sealed Bearing 5*10*4mm x 2	■	■
T30.146	Rubber Sealed Bearing 6*10*3mm x 4	■	■
T30.147	Metal Sealed Bearing 6*10*3mm x 4	■	■
T30.148	Aluminium Stopper Purple	▲	▲
T30.149	Aluminium Stopper Black	▲	▲



Option parts / Opties Options / Optionen

■ Included in kit

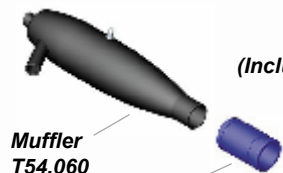
▲ Option part

PART #	DESCRIPTION	ST	PRO
T31.200	7075 Chassis Brace Set (Front & Rear)	▲	■
T31.202	Aluminium Wing Stay Joint	▲	■
T31.203	7075 CNC Modify Main Chassis	▲	■
T31.204	7075 Front Shock Tower	▲	■
T31.206	7075 Rear Shock Tower	▲	■
T31.208	7075 Front Support Plate	▲	■
T31.210	7075 Steering Plate	▲	■
T31.211	7075 Center Differential Plate	▲	■
T31.212	7075 Front Suspension Arm Holder	▲	■
T31.213	7075 Rear Suspension Arm Holder	▲	■
T31.214	7075 Engine Mount Set x 2	▲	■
T31.215	Differential O-ring Set x 12	▲	■
T31.216	7075 Center Differential Mount Set x2	▲	■
T31.217	7075 Sway Bar Plate	▲	■
T31.218	7075 Rear Brace Holder	▲	■
T31.219	7075 Front & Rear Brake Cam	▲	■
T31.220	7075 Radio Plate Post	▲	■
T31.221	7075 Fuel Tank Post	▲	■
T31.222	7075 Steering servo Saver Post x 2	▲	■
T31.223	6mm Ball x 4	▲	■
T31.224	7mm Ball x 4	▲	■
T31.225	Center Front/Rear Universal Drive	▲	■
T31.226	7075 Clutch Shoe x 3	▲	▲
T31.227	7075 Radio Plate	▲	■
T31.228	7075 Steering Servo Mount	▲	■
T31.229	7075 Servo Holder	▲	■
T31.230	7075 Steering Pivot Ball Bushing	▲	■
T31.231	1/8th Starter Box	▲	▲
T31.232	Fuel Bottle 500cc	■	▲



Rear Exhaust Engine
(Included with the YADA ST)
M1042

SX-21 8P Factory Rear Exhaust Engine
(Option Part)
M1043



Muffler
T54.060

(Included with the YADA ST)

Muffler Connection
Tube (Silicone)

Manifold
T54.060



Fuel Bottle 500ml (included with YADA ST)
T31.232



Glow Starter (included with YADA ST)
T0102.5



8 x AA Alkaline batteries for transmitter
(NOT INCLUDED)

4 x AA Alkaline batteries for receiver
(NOT INCLUDED)



Option Part:
4.8V or 6V Battery pack for receiver
P4210.j = 1050mAh/4.8V
P5310.j = 1050mAh/6V



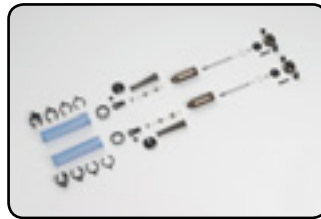
**Spare parts / Onderdelen
Pièces détachées / Unterteilen**



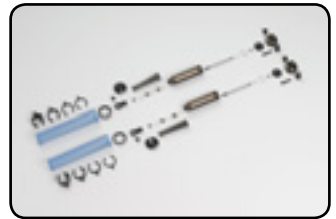
T30.001 YADA body transparent



T30.002 YADA body pre-paint



T30.003 Front shock set



T30.004 Rear shock set



T30.005 Front shock body, 2pcs



T30.006 Rear shock body, 2pcs



T30.007 Shock rebuild kit



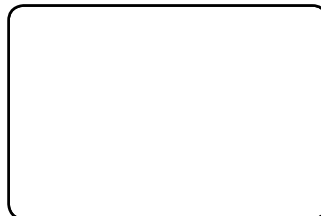
T30.008 Front shock shaft, 2pcs



T30.009 Rear shock shaft, 2pcs



T30.010 Shock piston 2-hole
1,5mm



T30.012 Shock bladders, 4pcs



T30.013 Shock cap bushing, 4pcs



T30.014 Shock shaft ball end,
4pcs



T30.015 Spring adjuster set, 2pcs



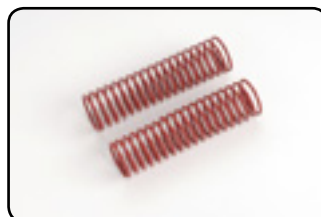
T30.016 Shock spring cup set,
4pcs



T30.017 Shock boots, 4pcs



T30.018 Shock spring Front white
1.5mm, 2pcs



T30.019 Shock spring Front red
1.6mm, 2pcs



T30.020 Shock spring Front blue
1.7mm, 2pcs



T30.021 Shock spring Rear white
1.5mm, 2pcs



T30.022 Shock spring Rear red
1.6mm, 2pcs



T30.023 Shock spring Rear blue
1.7mm, 2pcs



T30.024 Brake disc holder, 2pcs



**Spare parts / Onderdelen
Pièces détachées / Unterteilen**



T30.025 Front & Rear lower suspension arms, 1 each



T30.026 Front upper suspension arms, 2pcs



T30.027 Gear case



T30.028 Center diff mount set, 2pcs



T33.036 Front steering knuckle left & right, 1 each



T30.030 Rear hub set, 1 each



T30.031 Radio box set



T30.032 Side guards left & right



T30.033 Front bumper



T30.034 Differential case



T30.035 Center air guide plate



T30.036 Chassis brace set front & rear



T30.037 Wing stay set



T30.038 Rear wing blue



T30.039 Rear wing white



T30.040 Rear wing yellow



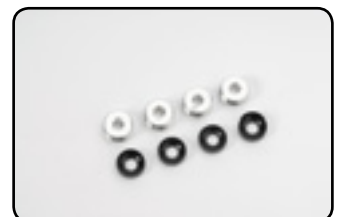
T30.041 Rear wing green



T30.042 Rear wing orange



T30.043 Front upper suspension hinge pin holder, 1 each



T33.035 Front steering pivot ball bushing, 4pcs



T30.045 Fuel tank post set



T30.046 Front & rear bodymount



T30.047 Steering servo mount



T30.048 Front & rear Toe-in set 1,2 and 3 degrees



**Spare parts / Onderdelen
Pièces détachées / Unterteilen**



T30.049 Front & rear Toe-in adjusters



T30.050 Rear upper arm-ball end 5mm, 4pcs



T30.051 Sway bar mount-ball end 3mm, 6pcs



T30.052 Universal drive, 2pcs



T30.053 Front center & Rear center driveshaft, 1 each



T30.054 Rear drive shaft



T30.055 Diff. out drive, 2pcs



T30.056 Center diff. out drive (flat face), 2pcs



T30.057 Drive joint, 2pcs



T30.058 Rear wheel axle, 2pcs



T30.059 Brake pad, 4pcs



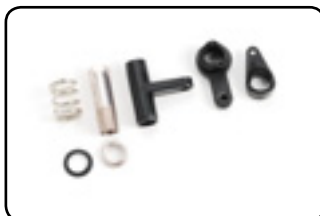
T30.060 Brake discs, 2pcs



T30.061 14mm steering pivot ball



T30.062 Steering servo saver post



T30.063 Servo saver full set



T30.064 Shock bushing, 4pcs



T30.065 Front & rear brake cam



T30.066 Rear upper susp. turnbuckle



T30.067 44T steel spur gear



T30.068 43T differential gear



T30.069 13T pinion gear



T30.070 18T diff. bevel gear, 2pcs



T30.071 10T diff. bevel gear, 4pcs



T30.072 Front lower susp. pin, 2pcs



Spare parts / Onderdelen
Pièces détachées / Unterteilen



T30.073 Front upper susp. hinge pin



T30.074 Rear hub hinge pin



T30.075 Differential bevel gear shaft



T30.076 7075 CNC main chassis



T30.077 Main chassis YADA ST



T30.078 Front shock tower 6061T



T30.079 Rear shock tower 6061T



T30.080 Front support plate 6061T



T30.081 Steering plate 6061T



T30.082 Center diff. support plate 6061T



T30.083 Front suspension arm holder



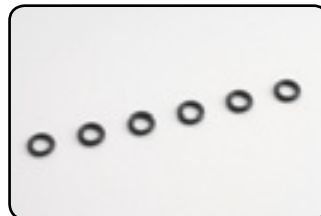
T30.084 Rear suspension arm holder



T30.085 Engine mount



T30.086 Wheel hub, 2pcs



T30.087 Differential o-ring 5x1.5mm, 6pcs



T30.088 Diff. washer thin for outdrives, 12pcs



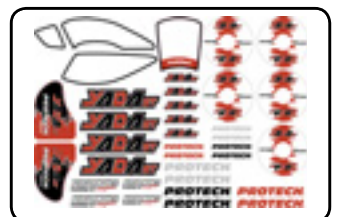
T30.089 Differential washer large, 10pcs



T30.090 Differential washer small, 12pcs



T30.091 Differential gasket, 3pcs



T30.092 YADA sticker sheet



T30.093 Fuel tank



T30.094 Radio plate 6061T



T30.095 Steering ball end, 6pcs



T30.096 Fuel filter holder, 2pcs



**Spare parts / Onderdelen
Pièces détachées / Unterteilen**



T30.097 Servo arm bushing, 2pcs



T30.098 Servo ball end 6mm, 6pcs



T30.099 Long ball 6mm (steering), 6pcs



T30.100 Stabilizer ball 6mm, 4pcs



T30.102 Ball 6mm, 4pcs



T30.103 Differential pin, 6pcs



T30.104 Sway bar plate plastic, 2pcs



T30.105 Front sway bar 2.2mm



T30.106 Front sway bar 2.3mm



T30.107 Front sway bar 2.4mm



T30.108 Rear sway bar 2.7mm



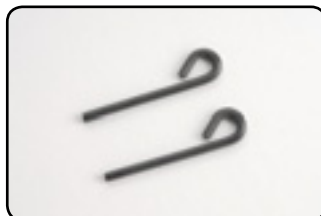
T30.109 Rear sway bar 2.8mm



T30.110 Rear sway bar 2.9mm



T30.111 Shim ring set for 12T pinion gear, 13pcs



T30.112 Shock bushing, 4pcs



T30.113 Brake rod set



T30.114 Throttle rod end, 3pcs



T30.115 Wheel hub pin, 4pcs



T30.117 Brake cam bearing, 2pcs



T30.118 Throttle spring, 4pcs



T30.119 Throttle linkage set



T30.120 Clutch bell 13T



T30.121 Throttle rod set



T30.122 Flywheel



**Spare parts / Onderdelen
Pièces détachées / Unterteilen**



T30.123 Center screw



T30.124 Clutch spring 0.9mm, 3pcs



T30.125 Clutch spring 1.0mm, 3pcs



T30.126 Clutch spring 1.1mm, 3pcs



T30.127 3 piece clutch shoe



T30.128 Engine mount screw, 4pcs



T30.129 Air filter



T30.132 Servo horn set



T30.133 Wheel white



T30.134 Wheel green



T30.135 Wheel yellow



T30.136 Wheel orange



T30.137 Wheel black



T30.138 Soft foam tire insert



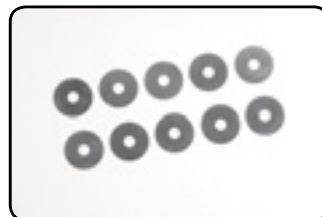
T30.139 Medium foam tire insert



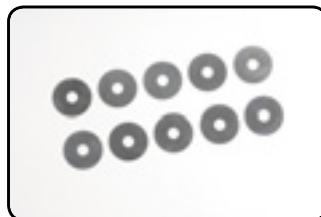
T30.140 Hard foam tire insert



T30.141 Screw bag



MA2103 M3 washer, 10pcs



MA2104 M4 washer, 10pcs



T30.144 Rubber sealed bearing 8x16x5mm x 10



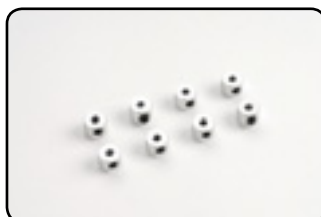
T30.145 Rubber sealed bearing 5x10x4mm x 2



T30.146 Rubber sealed bearing 6x10x3mm x 4



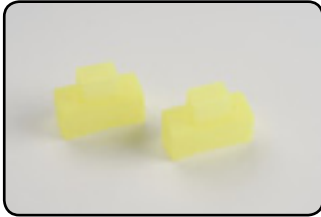
T30.147 Metal sealed bearing 6x10x3mm, 8pcs



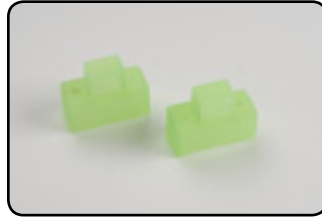
T30.150 Alu. stopper silver, 8pcs
T30.148 Alu. stopper purple, 8pcs
T30.149 Alu. stopper black, 8pcs



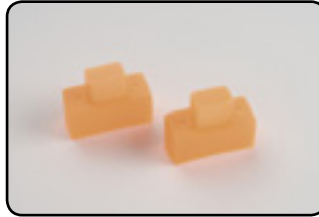
**Spare parts / Onderdelen
Pièces détachées / Unterteilen**



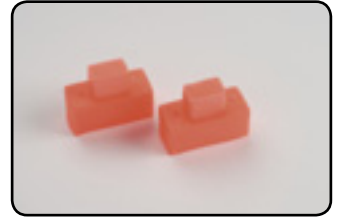
T30.151 Switch cover yellow, 2pcs



T30.152 Switch cover green, 2pcs



T30.153 Switch cover orange, 2pcs



T30.154 Switch cover red, 2pcs



T30.155 Switch cover blue, 2pcs



T30.156 Drive shaft cover, 4pcs



T30.157 Turnbuckle 3x25mm, 2pcs



T30.158 Dish wheels black



T30.159 Turnbuckle 3x35mm, 2pcs



T30.160 Turnbuckle 3x40mm, 2pcs



T30.161 Dish wheels white



T30.162 Turnbuckle 3x40mm, 2pcs



T30.165 Tire, 2pcs



T30.195 Glass fiber tape



T30.199 Clip spacer 1mm & 2mm



T30.214 Fuel filter



T31.232 Fuel bottle 500ml



T55.055 Tires 1/8 XX-pin



T54.083 Tires 1/8 OMEGA, 2pcs



T54.261 Tires 1/8 X-EQUAL, 2pcs



**Option parts / Opties
Options / Optionen**



T31.200 7075 Chassis brace set front & rear



T31.202 Aluminium wing stay joint



T31.203 7075 CNC modified chassis



T31.204 7075 front shock tower



T31.206 7075 rear shock tower



T31.208 Front support plate



T31.210 7075 steering plate



T31.211 Center differential plate



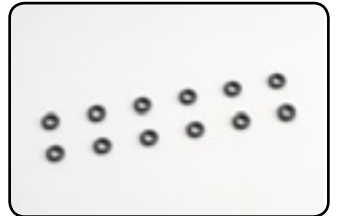
T31.212 7075 front suspension arm holder



T31.213 7075 rear suspension arm holder



T31.214 7075 engine mount set



T31.215 Differential o-ring set, 12pcs



T31.217 7075 sway bar plate



T31.218 7075 rear brace holder



T31.219 7075 front & rear brake cam



T31.222 7075 steering servo saver post



T31.226 7075 clutch shoe, 3pcs



T31.227 Radio plate



T31.228 7075 steering servo mount

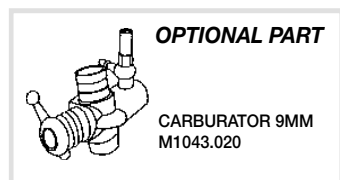
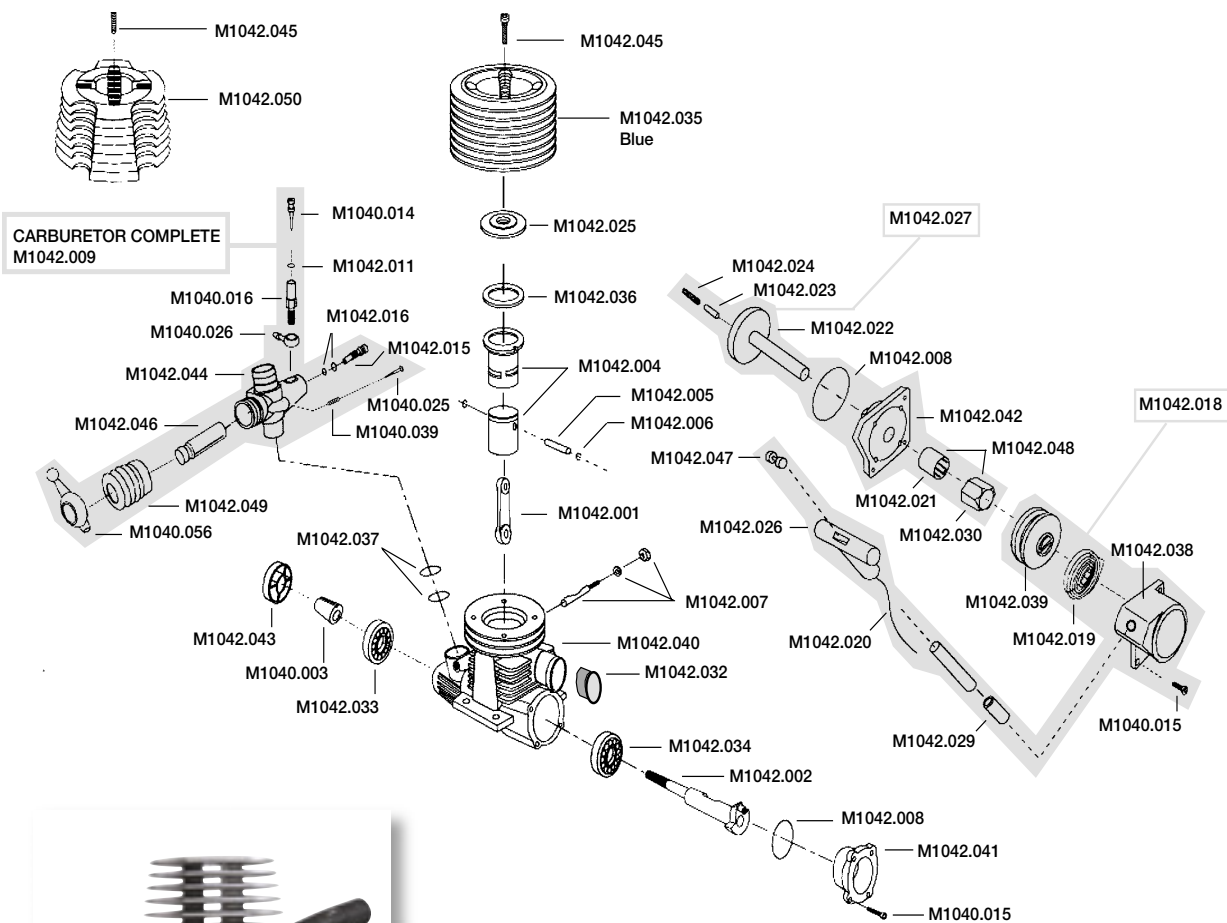


T31.229 7075 servo holder



T31.231 1/8th starter box

Engine spare parts SX-21



REF	DESCRIPTION	REF	DESCRIPTION	REF	DESCRIPTION
M1040.003	DRIVE COPPER CONE	M1042.021	ONE WAY BALL BEARING	M1042.044	CARBURETOR MAIN BODY
M1040.014	MAIN NEEDLE VALVE	M1042.022	STARTING AXLE	M1042.045	CYL. HEAD BOLT (M3X12) 4PCS
M1040.015	REAR COVER BOLT (M2.6X6) 4PCS	M1042.023	STARTING PIN	M1042.046	THROTTLE NEEDLE
M1040.016	MAIN NEEDLE VALVE HUB	M1042.024	PRESSURE SPRING	M1042.047	STRING SEAT
M1040.025	THROTTLE STOP ADJUST. SCREW	M1042.025	BURN ROOM	M1042.048	ONE WAY BALL BEARING + SEAT
M1040.026	FUEL NOZZLE	M1042.026	HANDLE	M1042.049	THROTTLE COVER
M1040.039	ADJUSTED SCREW SPRING	M1042.027	PULL START CRANKCASE COVER SET	M1042.050	CYLINDER HEAD
M1040.056	THROTTLE SCREW CAP	M1042.029	BUFFER HEAD WASHER SEAT	M1046.029	WASHER 0,6X4,1X7,5
M1042.001	CONNECTING ROD	M1042.030	ONE WAY BEARING SEAT		
M1042.002	CRANKSHAFT OS 12MM	M1042.032	SILICON EXHAUST GASKET	OPTIONAL PART	
M1042.004	CYLINDER SLEEVE/PISTON	M1042.033	BALL BEARING FRONT	M1043.020	CARBURATOR 9MM
M1042.005	PISTON GUDGEON PIN	M1042.034	BALL BEARING REAR		
M1042.006	"G" PIN SNAP RING 2 PCS	M1042.035	CYLINDER HEAD (BLUE)		
M1042.007	CARBURETOR SETTING PIN	M1042.036	CYLINDER HEAD WASHER 0,2MM		
M1042.008	REAR COVER "O" RING	M1042.037	CARBURATOR "O" RING		
M1042.009	CARBURETOR COMPLET (SLIDE TYPE)	M1042.038	REAR COVER		
M1042.011	MAIN NEEDLE VALVE "O" RING	M1042.039	THREAD SEAT		
M1042.016	SUPPLY NEEDLE VALVE "O" RING	M1042.040	CRANKCASE BLACK COLOUR		
M1042.018	RECOIL STARTING UNIT	M1042.041	REAR BACK COVER		
M1042.019	EDDY SPRING	M1042.042	CONNECTIVE SEAT		
M1042.020	STARTING STRING	M1042.043	DRIVE GEAR		

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- Full ball bearings throughout the car
- SX-21 Engine with pullstarter

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YADA PRO 1/8 Nitro Buggy - MAIN FEATURES

IN STOCK NOW

- Extreme low Center of Gravity
- Full ball bearings throughout the car
- Full anodized black 707 5 CNC s/s parts
- Competition suspension geometry
- SX-21 Engine with pullstarter

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FEATURES

YADA ST SETUP SHEET

PROTECH SUSPENSION

- Low CG design
- Alloy shock block s/s, black anodized
- Shock filter reinforced nylon parts
- Fully adjustable Comber/Camber
- Adjustable width

- Ball type suspension system
- Hot shock absorber control
- Iron shock shaft
- Universal 17mm alloy hex drive
- Steering knuckle with left & right thread

YADA ST PARTS GALLERY



Safety precautions Veiligheidsvoorschriften Sicherheitsvorschriften / Précautions d'usages



1

1 Don't drive where many rocks are found. In 1/8 scale off-road racing a stone with a diameter of 10cm is in real life a rock of nearly 1m. Take care not to drive against objects because this may damage your model externally as well as internally.

Nooit rijden waar veel rotsen aanwezig zijn. In schaal 1/8 off-road racen is een steen met diameter 10cm in werkelijkheid gelijk aan een rots van ongeveer 1m. Probeer nooit tegen obstakels aan te rijden daar diet uw model zowel extern als intern kan beschadigen.

Niemals fahren in der nehe von Felsbrocken. In Skala 1/8 off-road fahren ist ein Stein von 10cm in wirklichkeit einen Felsbrock von ungefehr 1m. Versuchen Sie niemals gegen Hindernissen zu fahren, es kan ihr Modell extern und intern beschädigen.

Ne pas rouler sur un terrain avec de gros cailloux. Ne pas oublier qu' à l'échelle de votre voiture (1/8), un caillou de 10 cm de diamètre est en réalité (1/1) un rocher de circa 1M de hauteur ! Heurter des objets peut causer des dommages externes et/ou internes au véhicule.



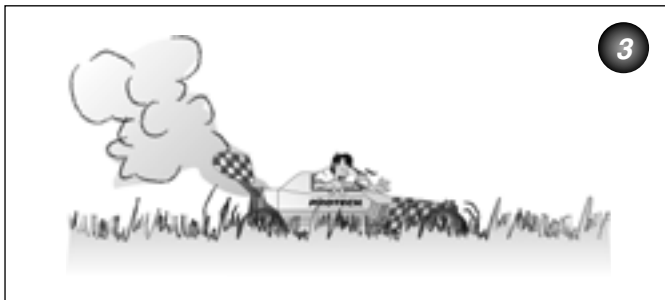
2

2 Take care not to drive in standing water or heavy rain because this could damage the mechanics. The radio control unit, speedcontroller and batteries are very sensitive to humidity and should be well protected against water.

Let op nooit in stilstaand water of hevige regenval te rijden daar dit de mechanica van het model kan beschadigen. Besturingseenheid, snelheidsregelaar en batterijen zijn zeer gevoelig voor vocht en moeten dus goed beschermd worden tegen water.

Geben Sie acht niemals in Wasser oder schwere Regen zu fahren, es kan den Mechanik beschädigen. Die Fernsteuersysteme, Fahrtregler und Batterien sind sehr empfindlich für Feuchtigkeit, beschützen Sie ihn grundlich gegen Nässe.

Attention à ne pas rouler dans l'eau ou par temps de pluie car cela pourrait occasionner des dommages mécaniques. Ne pas oublier que le récepteur, les batteries et le variateur de vitesse (pour les voitures électriques) sont très sensibles à l'humidité et doivent être protégé convenablement contre les projections d'eau.



3

3 Long grass and stems can become entangled in the drive shafts or universal joints which causes needles load which can overheat the motor.

Lang gras en stengels kunnen verstrengeld geraken rond de aandrijfassen of in de aandrijfhuizen. Dit kan leiden tot onnodige belasting en oververhitting van de motor.

Langes Gras und Stämme können verwickelt werden in den Antriebsachsen ode in den Universalverbindungen, die nicht notwendige Last verursachen können, die den Motor überhitzen kann.

Ne pas rouler dans les hautes herbes qui pourraient s'enrouler autour des arbres de transmission et par conséquent occasionner une surcharge et une surchauffe du moteur.



4

The model will not drive as fast on gravel and dry sand. The tires can spin without moving the model. These surfaces offer considerable resistance to your model. It causes a heavy burden and uses more fuel.

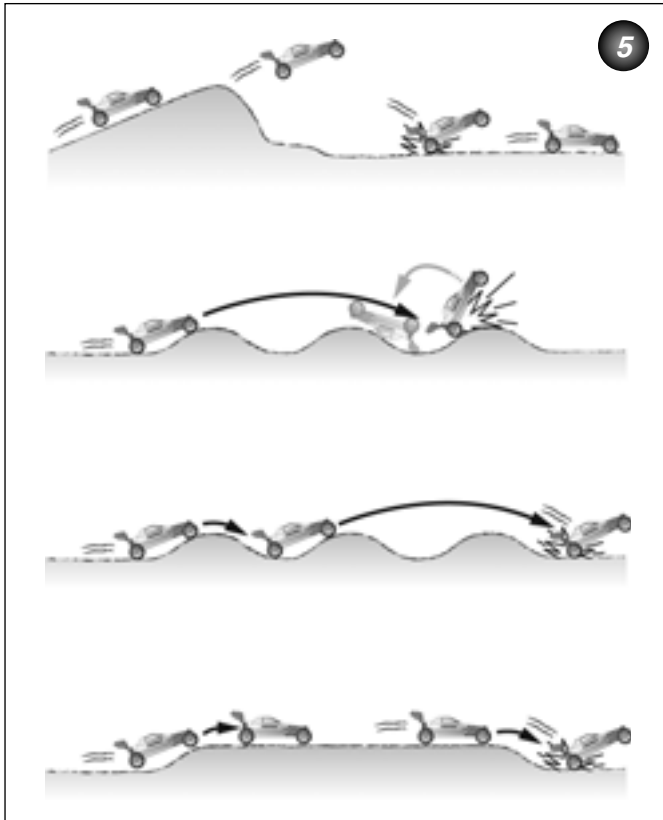
Het model zal niet zo snel rijden op droog zand en grind . De banden kunnen slippen zonder dat het model vooruit rijdt. Deze oppervlakken geven meer wrijving aan uw model. Ze kunnen een zwaardere belasting veroorzaken waardoor de motor meer wordt belast.

Das Modell wird nicht so schnell fahren auf Kies oder trockenem Sand. Die Reifen können spinnen, ohne das Modell zu verschieben. Diese Oberflächen leisten beträchtlich Widerstand zu Ihrem Modell. Es verursacht eine schwere Belastung für der Motor.

Votre modèle ne roulera pas à la même vitesse sur du gravier ou du sable que sur un sol dur. Les pneus risquent de patiner sans que le modèle ne puisse avancer. Ces surfaces offrent une résistance considérable et représentent une charge supplémentaire et par conséquent le moteur devra fournir plus d'effort.



How to jump / Hoe moet je springen Wie man Springt / Comment bien sauter



HOW TO JUMP

5 A good landing attitude: To obtain a stable attitude when jumping you must leave the ramp squarely. The model will start turning in the air when you jump in an angle and will land off balance. You must jump so the rear wheels of your model hit the ground first, with your nose a little up. Therefore it is very important to have just enough speed when you leave the ramp. Applying too much speed tends to raise the nose to high and not enough speed causes the nose to drop and land on the front wheels. When you reduce the speed slightly when entering the ramp, the jump attitude should be OK.

Controlling the model in the air: While the model is in air, you can alter the attitude by reducing or adding power. Reducing power will lower the nose. Adding power will raise the nose (motor torque reaction).

Accelerate with the wheel on the ground: When you apply power to the model before complete landing, or when the rear wheel haven't touched the surface the model can make 'Wheelies' and be unstable. Accelerate only with all wheels are down.

Low jumps are better: A high jump look fantastic but it is not an advantage during competition because you can't accelerate while the wheels in the air. Lower jump give quicker landing and saving time.

Successive jump ramps: A special technique is required when taking successive ramps. You must take care not to land on a following ramp, because then your model will be very unstable. Reduce speed and run over the first ramp, jump only over the last or last two ramps.

Passing on a tableland: Tablelands are raised surfaces between 2 slopes. If the surface is short enough you can jump over it. If the surface is too long you must reduce speed and drive smoothly over the surface and accelerate just before the down slope and land on your rear wheels so there is no 'nose-diving'.

HOE MOET JE SPRINGEN

Een goed gedrag bij de landing: Om een stabiel gedrag te verkrijgen bij het springen moet je de helling in een hoek van 90° nemen. Het model zal in de lucht beginnen te draaien als je in een andere hoek, dan 90°, de helling zou nemen. Bij het landen moeten de achterste wielen eerst de grond raken, met de neus van het model een beetje naar boven gericht. Daarom is het belangrijk om met de juiste snelheid de sprong te doen. Als u te snel rijdt zal de neus te ver omhoog neigen en als u te traag rijdt zal de neus te snel zakken. Als u de snelheid lichtjes vermindert als u de helling op rijdt, zou een goed sprong gedrag moeten bekomen.

Controleren van het model in de lucht: Terwijl het model in de lucht hangt, kan u het gedrag van het model wijzigen door de snelheid aan te passen. Verminderen van de snelheid zal een draai beweging veroorzaken en de neus van het model zal zakken. Meer snelheid geven zal de neus opwaarts duwen.

Versnellen met de wielen op de grond: Als u de snelheid verhoogt voor het model volledig geland is, of wanneer de achterste wielen de grond nog niet raken kan het model op de achterste wielen verder rijden wat het model onbestuurbaar maakt. Versnel enkel als alle wielen op de grond zijn.

Spring zo dicht mogelijk bij de grond: Een hoge sprong kan mooi lijken maar het is zeker geen voordeel bij het competitie rijden omdat u niet kan versnellen als de wielen van de grond zijn. Dus u wint tijd door minder hoge sprongen te maken.

Springen over verschillende heuvels: Er is een speciale techniek nodig als u verschillende heuvels na elkaar wilt nemen. U moet erop letten dat u niet tegen de volgende heuvel land omdat dit het model onbestuurbaar kan maken. Verminder de snelheid en spring enkel over de laatste of de twee laatste heuvels.

Het passeren van een plateau: Plateau's zijn verhoogde oppervlakken. Als de lengte van het plateau niet te groot is kan u erover springen. Als het plateau te lang is moet u er zacht overrijden en op het einde voor de afvaling de snelheid verhogen om op de twee achterste wielen te landen, zodoende is er geen 'neus-landing'.

WIE MAN SPRINGT

Eine gute Landunghaltung: Eine beständige Haltung, während das Springen müssen Sie die Rampe quadratisch verlassen. Das Modell fängt an, in die Luft sich zu drehen, wenn Sie in einen Winkel springen und wird unkontrollierbar. Sie müssen springen so die hinteren Räder Ihres Modells den Grund zuerst berühren, mit Ihrer Nase ein wenig nach oben. Dafür ist es sehr wichtig, gerade genügend Geschwindigkeit zu haben, wenn Sie die Rampe lassen. Bei zu viel Geschwindigkeit neigt die Nase zur Höhe und nicht genügend Geschwindigkeit verursacht die Nase zum Tropfen und Sie landen auf den vorderen Rädern. Wenn hereinkommend Sie die Geschwindigkeit etwas verringern, sollte die Sprunghaltung OKAY sein.

Steuern des Modells in der Luft: Während das Modell in die Luft ist, können Sie die Haltung ändern, indem Sie Energie verringern oder addieren. Das Verringern von von Energie gibt eine Drehkraftreaktion, die die Nase senkt. Das Addieren von Energie hebt die Nase an.

Beschleunigen Sie mit die Rädern auf den Grund: Wann Sie Energie am Modell anwenden, bevor es vollständig gelandet ist, oder als die hintere Rädern nicht die Oberfläche berühren, kann das Modell 'Auf die hintere Rädern fahren und instabil sein. Beschleunigen Sie nur mit allen Rädern unten.

Halten Sie Sprünge so niedrig wie möglich: Ein fantastischer Blick des hohen Sprunges aber es ist kein Vorteil während das Wettbewerb. Sie können nicht beschleunigen wenn die Rädern in die Luft drehen. Sie gewinnen Zeit mit niedrigeren Sprüngen.

Aufeinanderfolgende Sprungrampen: Eine spezielle Technik wird angefordert, wenn man aufeinanderfolgende Rampen nimmt. Sie müssen acht geben um nicht auf einer folgenden Rampe zu landen, weil dann Ihr Modell sehr instabil wird. Verringern Sie Geschwindigkeit und springen Sie nur über die letzten oder letzten zwei Rampen.

Überschreiten auf einen Hochebene: Hochebene sind angehobene Oberflächen zwischen Steigungen. Wenn die Oberfläche genug kurz ist, können Sie über sie springen. Wenn die Oberfläche zu lang ist, müssen Sie Geschwindigkeit verringern und gleichmässig über die Oberfläche fahren. Beschleunigen kurz bevor die unten Steigung und landen Sie auf den Grund auf Ihren hinteren Rädern so es kein 'Spitze-tauchen' verursacht.

COMMENT BIEN SAUTER

Bien atterrir: la première étape consiste à bien amorcer et quitter la rampe perpendiculairement et non avec un angle. Dans le cas contraire, la voiture aura tendance chuter d'un côté et perdra l'équilibre en l'air. Un bon atterrissage se fait sur les roues arrières et le nez de la voiture légèrement plus haut. Pour cela il est important de donner assez de puissance à la voiture lorsqu'elle quitte la rampe. Accélérer trop fera monter le nez trop haut, pas assez de puissance, le nez de la voiture touchera le sol en premier (pas correct), si la puissance est légèrement réduite lors de la montée sur la rampe, la position de saut sera correcte.

Contôle du modèle en l'air: La position de la voiture peut-être contrôlée en l'air en accélérant ou décélérant. Accélérer à pour effet de faire monter le nez, ceci est dû au couple du moteur. Décélérer à pour effet de faire piquer le nez.

Accélérer à l'atterrissage: Accélérer lorsque la voiture n'est pas encore sur le sol ou uniquement lorsque les roues arrières sont sur le sol provoquera un effet de "Wheelie" et la voiture sera instable. N'accélérer que lorsque les 4 roues sont sur le sol.

Bien sauter: Si les sauts très haut sont spectaculaires, ils ne sont pas un avantage en compétition car la voiture n'accélère pas quand elle est en l'air. Il est recommandé de faire des sauts bas et d'atterrir le plus vite possible ainsi vous perdrez moins de temps.

Obstacle à plusieurs bosses: Les obstacles à plusieurs bosses exigent une technique particulière pour les franchir. Si la voiture saute la première bosse, elle atterrira sur ou avant la dernière bosse et sera très instable à l'atterrissage et l'accélération. Pour bien sauter un obstacle composé de plusieurs bosses, ne pas sauter la première bosse mais réduire la vitesse et roulez au-dessus de celle-ci et ainsi sauter au-dessus de la dernière ou de deux bosses.

Passage d'un plateau: Un plateau est une surface plane et élevée située entre 2 pentes. Si le plateau est suffisamment court, il est possible de le sauter et donc utiliser la technique de saut de bosse. Si au contraire le plateau est long, réduire la vitesse pour grimper la pente du plateau. Accélérer juste avant la descente pour atterrir sur les roues arrières. Cela évite que le nez de la voiture ne descende et que la voiture devienne instable.





1/8 OFF-ROAD NITRO BUGGY

PROTECH RACING TEAM

Basic Setup Sheet

Name : _____
 Track : _____
 Date : _____
 Weather : _____

Track Conditions:

Size: Open Med. Tight
 Traction: High Med. Low
 Surface: Smooth Med. Bumpy

Front Suspension:

Track Width: 295mm
 Camber Angle: -2°
 Upper Arm Spacer: 4mm
 Toe Angle: -1°
 Rebound Stop: 2mm
 Anti-roll Bar: Use 2.3mm None
 Lower Arm mount (kick up): 1°
 Upper Arm position: PL0042-0A
 Lower Arm spacer: 2mm

Front Shocks:

Piston: 2 holes
 Oil: 500
 Spring: Blue
 Spacer: 2mm
 Shock Position:

Rear Suspension:

Camber Angle: -1.5°
 Lower Arm mount: (Toe Angle) 2°
 Rebound Stop: 3mm
 Anti-roll Bar: Use 2.9mm None
 Anti-Squat:
 Wheelbase Adjustment: 5.2mm
 Front

Rear Shocks:

Piston: 2 holes
 Oil: 450
 Spring: Blue
 Spacer: 5mm
 Shock Position:

Differential oils:

Front: #7000 O-Ring 0 pcs.
 Center: #7000 O-Ring 0 pcs.
 Rear: #10000 O-Ring 0 pcs.

Comments:

Drive shafts rear & front "level" _____
 6V Receiver battery pack used _____

Wing Position:

Clutch: Shoes: Aluminium Other: original ST
 Spring: 1.0 mm
 Clutch Bell / Spur Gear : 13T / 44T

Engine:

Protech SX-21 8P Omega used for test, with Rossi glowplug #7 _____

Steering Ackerman:

Tyres: YADA ST original tyres

Front: Tyre: Original Pin Rim: Original Insert: Original
 Rear: Tyre: Original Pin Rim: Original Insert: Original

Fuel Nitro % oil %

DAYTONA 25% _____

Race result:

Race Time / Laps : TEST
 Position in Race: TEST
 Best lap: TEST



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