


# AXIAL SCORPION

1 / 10 ROCK CRAWLER RTR



# MAXIO SCORPION

## CAUTIONS

 **To prevent serious personal injury and/or property damage, operate all remotely controlled models in a responsible manner as outlined herein.**

### **CHOOSE THE RIGHT PLACE TO OPERATE YOUR R/C MODEL.**

- Do not run on public streets or highways. This could cause serious accidents, personal injuries, and/or property damage.
- Never run R/C models near people or animals.
- To avoid injury, do not run in confined spaces.
- Do not run where loud noises can disturb others, such as hospitals and residential areas.
- Never run indoors. There is a high risk of fire and/or damage.


### **INSPECT YOUR MODEL BEFORE OPERATION.**

- Make sure that all screws and nuts are properly tightened. It is also a good idea to use removable thread lock wherever metal screws go into metal, especially for engine mounts and the engine pilot shaft.
- Always use fresh batteries for your transmitter and for your receiver to avoid losing control of the model.
- Always test the brakes and throttle before starting your engine to avoid losing control of the model.
- Make sure no one else is using the same radio frequency as you are using.

### **AFTER OPERATION OF YOUR R/C MODEL**

- Turn off receiver first, then turn off transmitter, this will prevent runaways.
- Be careful when handling batteries, they will be hot after running.
- Replace any batteries that have been dented or have frayed wires, short circuits can cause fire.
- Be sure to keep your R/C model clean and free of excess dirt and grease, this will increase the life.

## VORSICHT!

 **Um Verletzungen an Personen und/oder Sachschäden zu vermeiden, sollten alle ferngesteuerten Modelle sorgfältig und verantwortungsbewusst bedient werden, wie nachfolgend beschrieben.**

### **Wählen Sie den richtigen Platz zum Fahren**

- Fahren Sie niemals auf öffentlichen Straßen. Dies könnte Verkehrsunfälle, Personenschäden oder Sachschäden verursachen.
- Fahren Sie niemals in der Nähe von anderen Personen oder Tieren.
- Fahren Sie niemals auf belebten Straßen.
- Fahren Sie nie in der Nähe von Wohnhäusern oder Krankenhäusern. Der Lärm könnte andere Personen stören.
- Fahren Sie niemals in Innenräumen. Dort könnte etwas beschädigt werden.


### **Überprüfen Sie Ihr Modell, bevor Sie es in Betrieb nehmen.**

- Gehen Sie sicher, dass alle Schrauben und Muttern festgezogen sind. Verwenden Sie überall dort Schrauben-Sicherungslack, wo Metallschrauben in ein Metallgewinde greifen, besonders bei den Motorhaltern.
- Um Störungen zu vermeiden, benutzen Sie immer voll geladene Akkus in Ihrem Sender und Empfänger.
- Bevor Sie den Motor starten, sollten Sie immer die Funktion der Bremse und des Gashebels testen.
- Gehen Sie sicher, dass niemand mit der gleichen Frequenz fährt wie Sie.

### **Nach Betrieb des RC Modells:**

- Zuerst den Empfänger abdrehen, dann den Sender abdrehen um unkontrolliertes Durchgehen zu vermeiden.
- Seien Sie vorsichtig mit gebrauchten Akkus, sie können nach dem Gebrauch heiß sein.
- Ersetzen Sie Akkus/Batterien die beschädigt sind oder schadhafte Kabel aufweisen, sie können Kurzschlüsse oder Feuer verursachen.
- Halten Sie Ihr Fahrzeug sauber und entfernen Sie Schmutz und Schmierfett, damit erhöhen Sie die Lebensdauer Ihres Modells.

## PRECAUTIONS

 **Afin d'éviter toutes blessures corporelles et/ou dommages environnants, veuillez procéder en toute responsabilité comme indiqué ci-dessous**

### **Choisir le lieu adéquat pour faire rouler votre modèle.**

- Ne jamais rouler dans les rues ou sur les routes ouvertes au public. Ceci peut provoquer de graves accidents.
- Ne jamais rouler près de personnes ou d'animaux.
- Pour éviter les blessures, ne pas rouler dans des espaces confinés.
- Ne jamais rouler où le bruit peut déranger, comme aux abords des hôpitaux ou des quartiers résidentiels.
- Ne jamais rouler à l'intérieur: les gaz d'échappement sont nocifs.

### **Controler votre modèle avant chaque utilisation.**

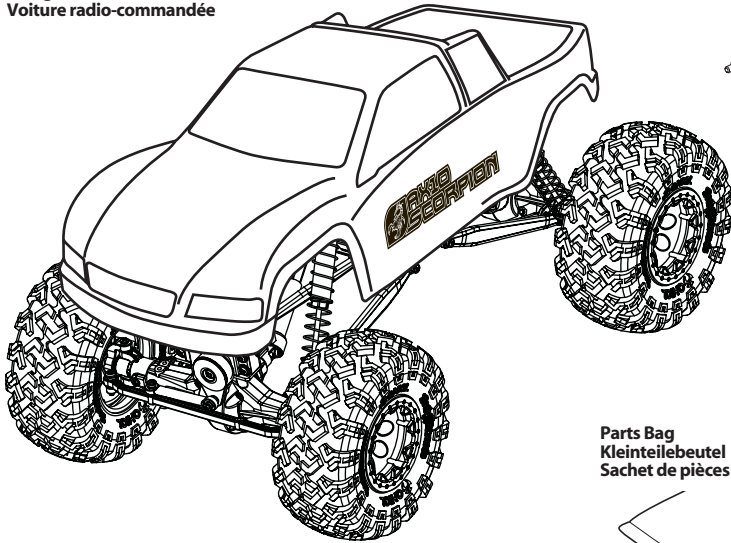
- Vérifier que les vis et les écrous sont bien serrés. Il est très fortement conseillé d'utiliser du frein filet pour bloquer les vis qui sont en contact avec du métal et tout particulièrement les vis du moteur.
- Toujours utiliser des batteries bien chargées pour l'émission et la réception.
- Toujours vérifier les freins et la commande des gaz avant de démarrer.
- Vérifier qu'aucune autre personne n'utilise votre fréquence radio.

### **Après l'Opération De Votre Modèle de R/C**

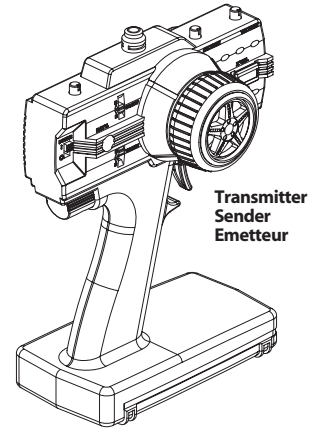
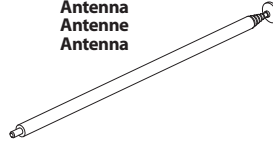
- Le virage du récepteur premier, alors virage de l'émetteur, ceci empêchera des fugitifs.
- Faire attention en contrôlant des piles, ils auront chaud après avoir couru.
- Remplacer n'importe quelles piles qui ont été cabossées ou a éraillé des fils, les court-circuits peuvent causer le feu.
- Etre sûr de garder votre modèle de R/C nettoie et libère de terre et la graisse supplémentaires, ceci augmentera la vie.

**Included items / Im Baukasten enthalten / Outils inclus dans le kit**

Radio control car  
Ferngesteuertes Modellauto  
Voiture radio-commandée

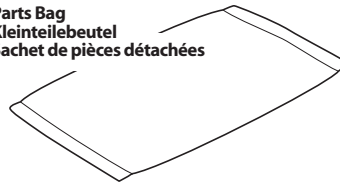


Antenna  
Antenne  
Antenna

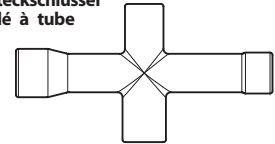


Transmitter  
Sender  
Emetteur

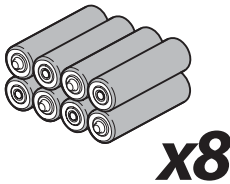
Parts Bag  
Kleinteilebeutel  
Sachet de pièces détachées



Cross wrench  
Steckschlüssel  
Clé à tube



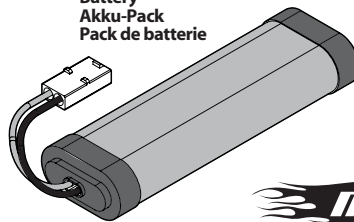
**Equipment needed / Benötigtes Zubehör / Equipement nécessaire**



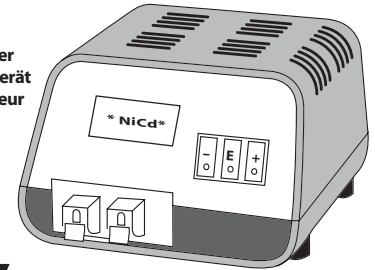
**x8**

8AA Alkaline Dry Batteries.  
8 St. AA Trockenbatterien.  
8 piles type R6 pour votre  
radio commande.

Battery  
Akku-Pack  
Pack de batterie

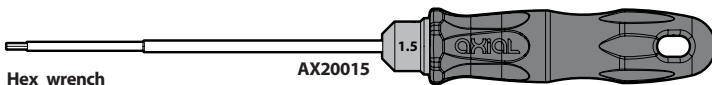


Charger  
Ladegerät  
Chargeur



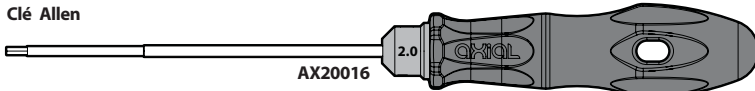
visit [www.maxamps.com](http://www.maxamps.com) for a complete  
selection of batteries and chargers specifically  
for the AX10 Scorpion.

**Tools Recommended / Benötigte Werkzeuge / Outillage**

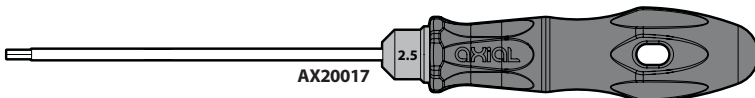


AX20015

Hex wrench  
Inbusschlüssel  
Clé Allen

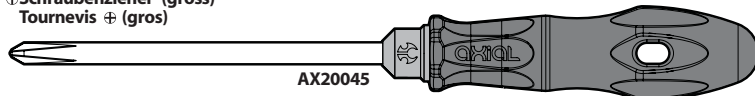


AX20016

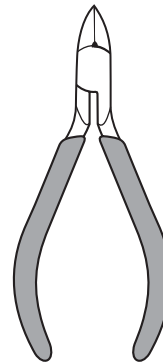


AX20017

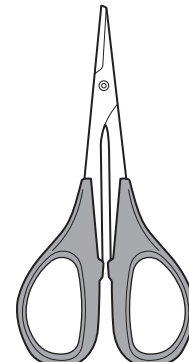
⊕Screwdriver (large)  
⊕Schraubenzieher (gross)  
Tournevis ⊕ (gros)



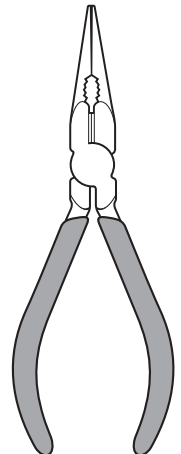
AX20045



Side cutter  
Seitenschneider  
Pinces coupantes

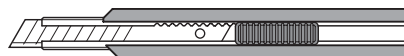


Curved scissors  
Schere  
Ciseaux



Long nose pliers  
Flachzange  
Pinces à becs longs

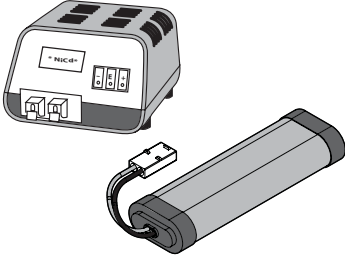
Modeling knife  
Modelliermesser  
Couteau de modéliste





## Getting Started / Anfängen Zu Werden / Commencer

### Charge your battery / Laden des Fahrakkus / Chargement de la batterie



Follow the manufacturer's directions for the charger you purchased to properly charge your batteries.

Folgen Sie den Herstelleranweisungen für den Auflader Ihres gekauft ordentlich, Ihre Batterien zu laden.

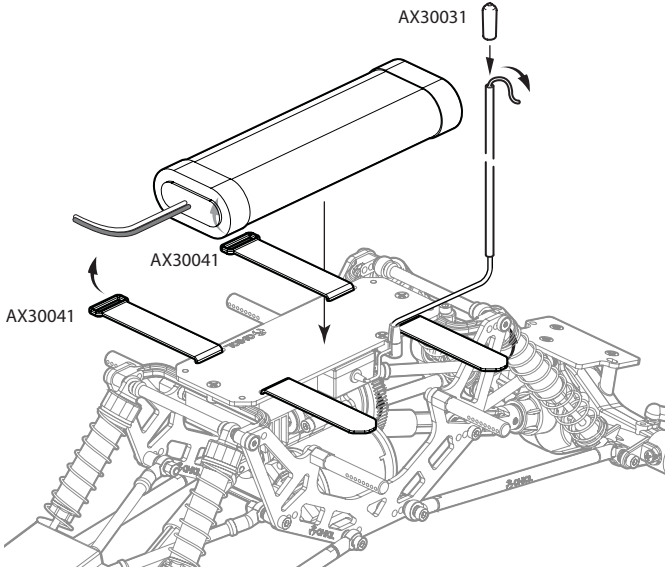
Suivre les directions de fabricants pour le chargeur votre a acheté convenablement pour charger vos piles.

**Do not use Nickel Cadmium battery charger for Nickel Metal Hydride batteries. If you do not use the special charger for Nickel Metal Hydride batteries, the batteries will be damaged.**

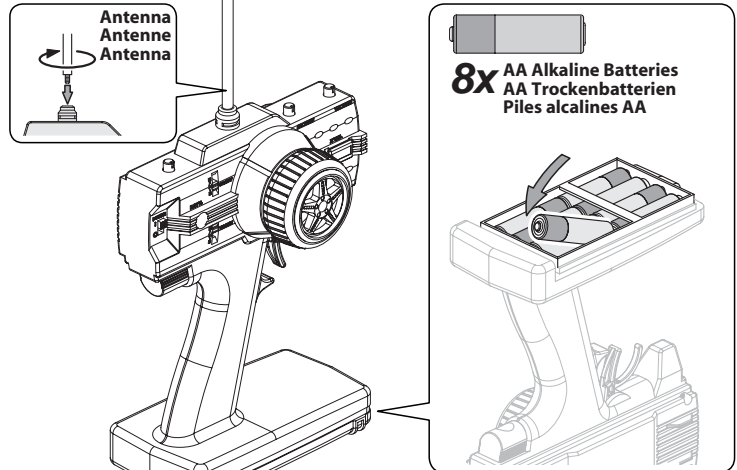
Verwenden Sie kein Ladegerät, dass für Nickel Cadmium Akkus gedacht ist, um Nickel Metal Hydrid Akkus zu laden. Wenn Sie kein spezielles Ladegerät für Nickel Metal Hydrid Akkus verwenden, können diese beschädigt werden.

N'utilisez pas de chargeur pour batteries Cadmium-Nickel pour charger des batteries Nickel-Métal Hydride. Si vous n'utilisez pas un chargeur spécial pour des batteries Nickel-Métal Hydride, celles-ci seront endommagées.

### Charge your battery / Laden des Fahrakkus / Chargement de la batterie



### Transmitter Preparation / Vorbereitung des Senders / Préparation de L'émetteur



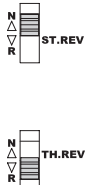
### Transmitter Preparation / Vorbereitung des Senders / Préparation de L'émetteur

#### Steering Dual Rate Lenkeinschlagsbegrenzung Double débit de direction



To be used to adjust steering servo throw.  
Zum Einstellen des maximalen Lenkeinschlags.  
À utiliser pour le réglage du taux et de l'angle du servo.

#### Reverse Switch Servowegschalter Commutateur d'inversion



You may have to reverse the steering or throttle switch. Check to make sure you have proper steering and throttle before running your new kit for the first time.

Sie dürfen die Steuerung oder den Drosselklappenschalter umkehren müssen. Kontrolle sich zu vergewissern, dass Sie passende Steuerung und Drosselklappe vor Laufen Ihres neuen Satzes zum erstem Mal haben.

Vous pouvez avoir à renverser la direction ou étranglez le commutateur. Le contrôle pour s'assurer que vous avez la direction correcte et étranglez avant de courir votre nouvelle trousse pour la première fois.

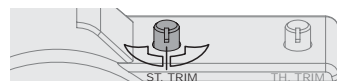


#### Throttle Trim Gas-Trimung Trim d'accélération

If your vehicle is moving, adjust the throttle trim until it stops

Falls sich das Auto bewegt, bitte stellen Sie die Gas-Trimung so ein, um das Auto Zum Stillstand zu bringen.

Si la voiture, ajustez le trim de direction pour que la voiture arrête de bouger.

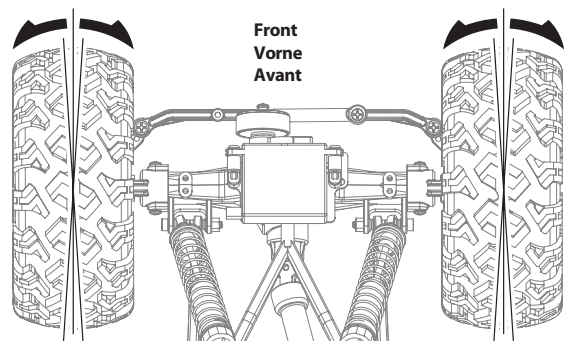


#### Steering Trim Lenkungstrimmung Trim de direction

Turn steering trim to set tires completely in center position.

Stellen Sie die Trimmung so ein, dass die Räder geradeaus zeigen.

Tournez le trim de direction de façon à ce que les pneus soient dans une position complètement centrée.





## Trouble Shooting / Fehlerbehebung / Dépannage

**Problem**  
**Problem**  
**Problème**

**Cause**  
**Grund**  
**Cause**

**Remedy**  
**Lösung**  
**Remède**

**Does not move**  
**Das Auto fährt nicht**  
**Le véhicule ne bouge pas**

**Batteries are not installed properly in the transmitter.**  
**Die Batterien sitzen nicht korrekt im Sender.**  
**Les piles ne sont pas placées correctement dans l'émetteur.**

**Weak or no battery in model.**  
**Leerer oder kein Akku im Auto.**  
**Batterie faible ou non installée**

**Damaged motor.**  
**Kaputter Motor.**  
**Moteur endommagé**

**Frayed or broken wiring.**  
**Beschädigte Verkabelung.**  
**Câble dénudé ou coupe**

**ESC is shut down by heat protection circuit.**  
**Notabschaltung des Reglers wegen Überhitzung.**  
**Le système ESC est fermé par le circuit de protection thermique.**

**Make sure batteries are properly installed.**  
**Legen Sie die Batterien korrekt ein.**  
**Positionnez correctement les piles dans l'émetteur.**

**Install charged battery.**  
**Einbauen eines geladenen Akkus.**  
**Mettez en place une batterie chargée**

**Replace with new motor.**  
**Austausch durch einen neuen Motor.**  
**Remplacez par un nouveau moteur**

**Splice and insulate wiring completely.**  
**Erneuern und isolieren Sie die kaputte Stelle.**  
**Faites une épissure et isolez complètement le câble.**

**Stop driving immediately, do not drive the car until the Speed Controller cools down.**  
**Fahren Sie nicht weiter. Warten Sie bis der Fahrten regler abgekühlt ist.**  
**Arrêtez immédiatement de conduire, ne pilotez pas la voiture tant que le contrôleur de vitesse n'a pas refroidi.**

**No Control.**  
**Keine Kontrolle über das Auto**  
**Pas de contrôle**

**Improper antenna on transmitter or model.**  
**Zu kurze Antenne am Sender oder Auto.**  
**Antenne inadéquate sur l'émetteur ou le véhicule**

**Weak or no batteries in transmitter or model.**  
**Leere oder keine Batterien im Sender oder Auto.**  
**Batterie faible ou absente dans l'émetteur ou le véhicule.**

**Another radio control model using same frequency.**  
**Ein anderes ferngesteuertes Modell verwendet die gleiche Frequenz.**  
**Un autre véhicule radio-commandé utilise la même fréquence.**

**Neutral position or trim is incorrect.**  
**Neutralposition oder Trimmung sind verstellt.**  
**La position neutre est incorrecte ou le trim n'est pas réglé.**

**Are the connectors and crystal inserted properly?**  
**Sitzen alle Stecker und der Quarz richtig?**  
**Est-ce que les connecteurs et le quartz sont correctement mis en place ?**

**Install charged or fresh batteries.**  
**Einbauen voller Batterien.**  
**Mettez des batteries rechargées ou neuves.**

**Fully extend antenna.**  
**Ziehen Sie die Antenne vollständig aus.**  
**Dépliez complètement l'antenne.**

**Try a different location or wait for the other person to finish.**  
**Fahren Sie auf einem anderen Platz oder warten Sie, bis das andere Modell ausgeschaltet ist.**  
**Allez ailleurs ou attendez que l'autre personne ait terminé.**

**Adjust the steering trim.**  
**Stellen Sie die Lenkungstrimmung neu ein.**  
**Réglez le trim de direction.**

**Reinstall connectors and crystal into the receiver.**  
**Überprüfen Sie die Steckverbindungen und den Quarz.**  
**Remettez en place les connecteurs et le quartz dans le récepteur.**

**Steering and Throttle Function Reversed.**  
**Lenkung und Gas funktionieren genau verkehrt herum.**  
**Direction et accélération inverses.**

**Servo reverse switch is in wrong position.**  
**Servorichtungs-Schalter ist in der falschen Position.**  
**L'interrupteur de marche arrière du servo est dans la mauvaise position**

**Please check that the wires from ESC to motor are connected properly.**  
**Bitte überprüfen Sie, ob die Kabel vom Regler zum Motor richtig sitzen.**  
**Veillez vérifier que les fils allant de l'ESC au moteur sont correctement raccordés.**

**Set to correct position.**  
**Satz, Position zu korrigieren**  
**Vérifiez la position correcte**

**Check to make sure motor and ESC are properly connected.**  
**Kontrolle sich zu vergewissern, dass Motor und ESC ordentlich verbunden sind.**  
**Le contrôle pour assurer que le moteur et ESC est convenablement connecté.**

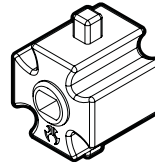
## Upgrades / Steigungen / Montées

### Rock Crawling / Schaukeln Sie Kriechen / Balancer Ramper

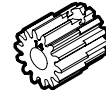
To upgrade your RTR to a more capable rock crawler we recommend replacing the front diff gears with a heavy duty locker and changing the gearing to a 14T pinion.

Um Ihr RTR zu einem fähigeren Felsenkriecher wir zu verbessern, empfehlen wir, dass das Ersetzen von den vorderen diff Gängen mit einem schweren Pflichtschließfach und Änderung das Einstellen zu einem 14T Treibrad.

Pour améliorer votre RTR à une tortue de rocher plus capable que nous recommandons remplaçant les engrenages de différence de devant avec un casier très résistant et changeant l'adapte à un 14T pignon.



AX30500

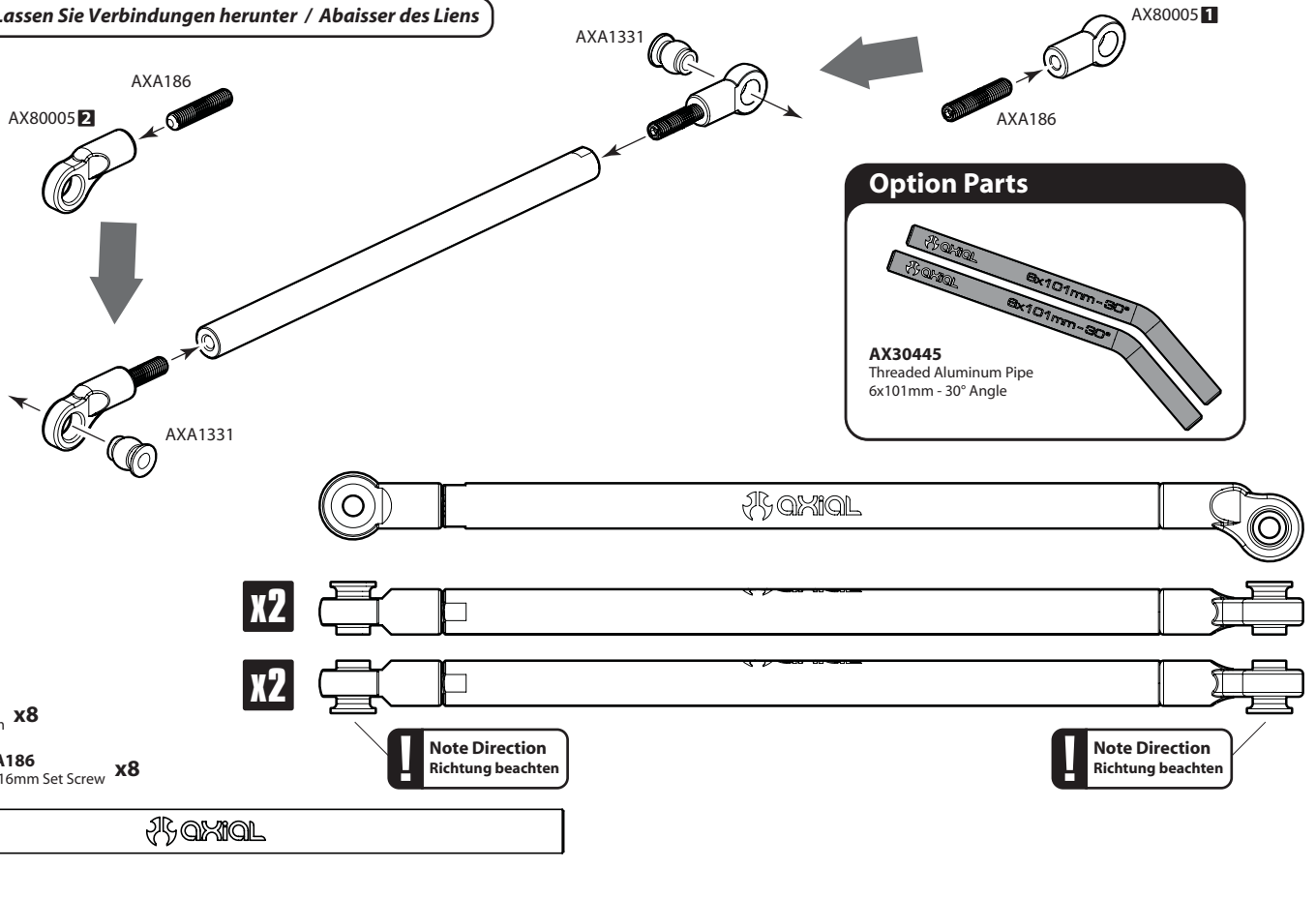


AX30572

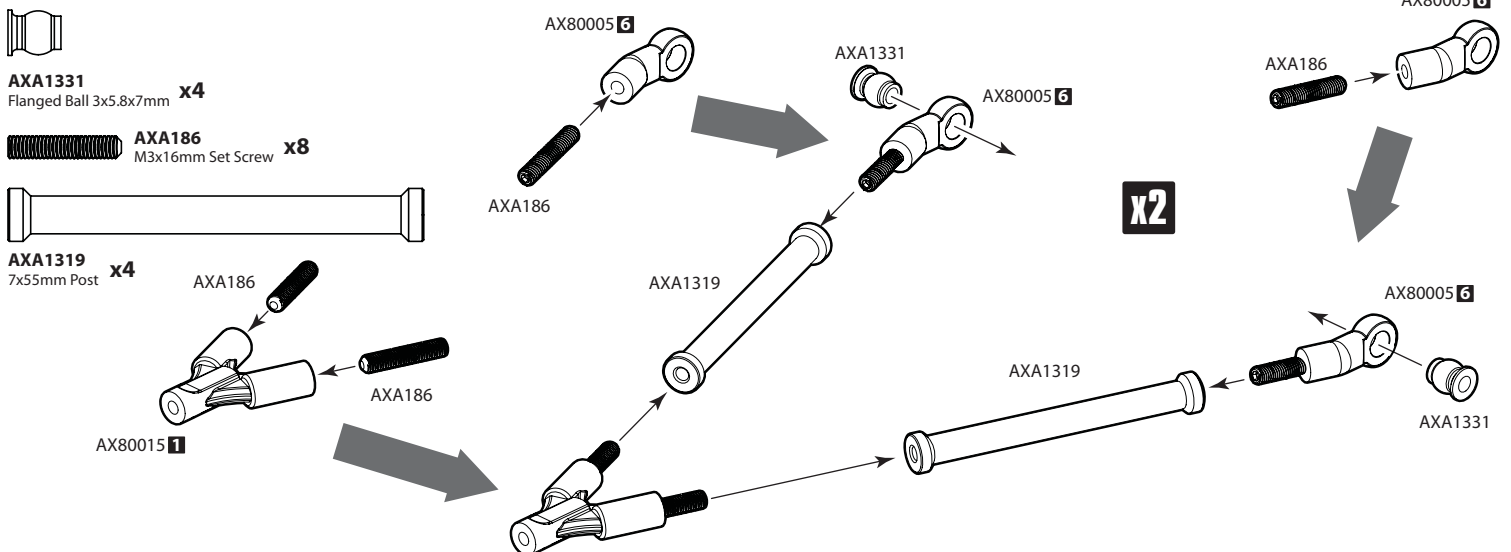
See page 9 and page 24 for installation instructions.

Visit [www.rccrawler.com](http://www.rccrawler.com) for More Tips!

### Lower Links / Lassen Sie Verbindungen herunter / Abaisser des Liens



### Upper Links / Obere Verbindungen / Liens supérieurs



# Upgrades / Steigungen / Montées

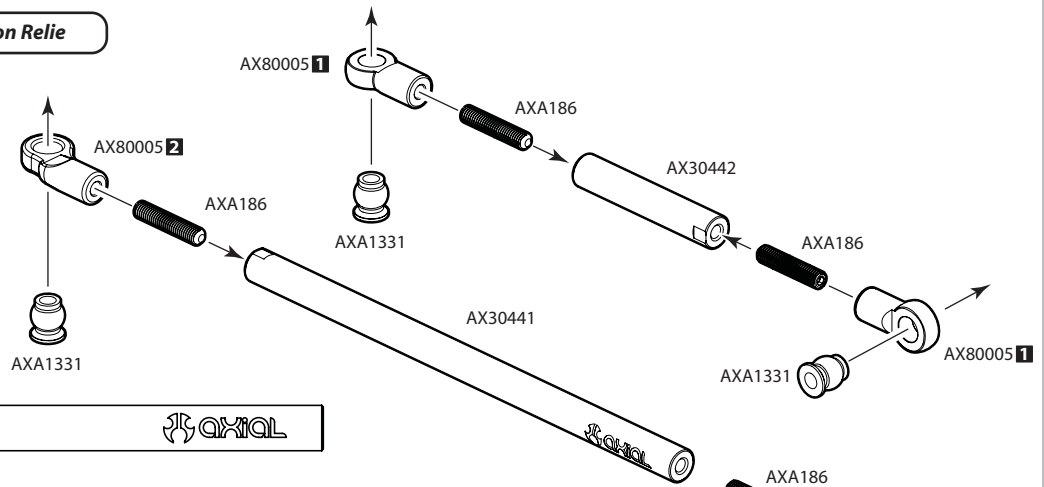
## Steering Links / Steuerung Verknüpft / La direction Relie

**AXA186**  
M3x16mm Set Screw **x4**

**AXA1331**  
Flanged Ball 3x5.8x7mm **x4**



**AX30442**  
6x33mm **x1**



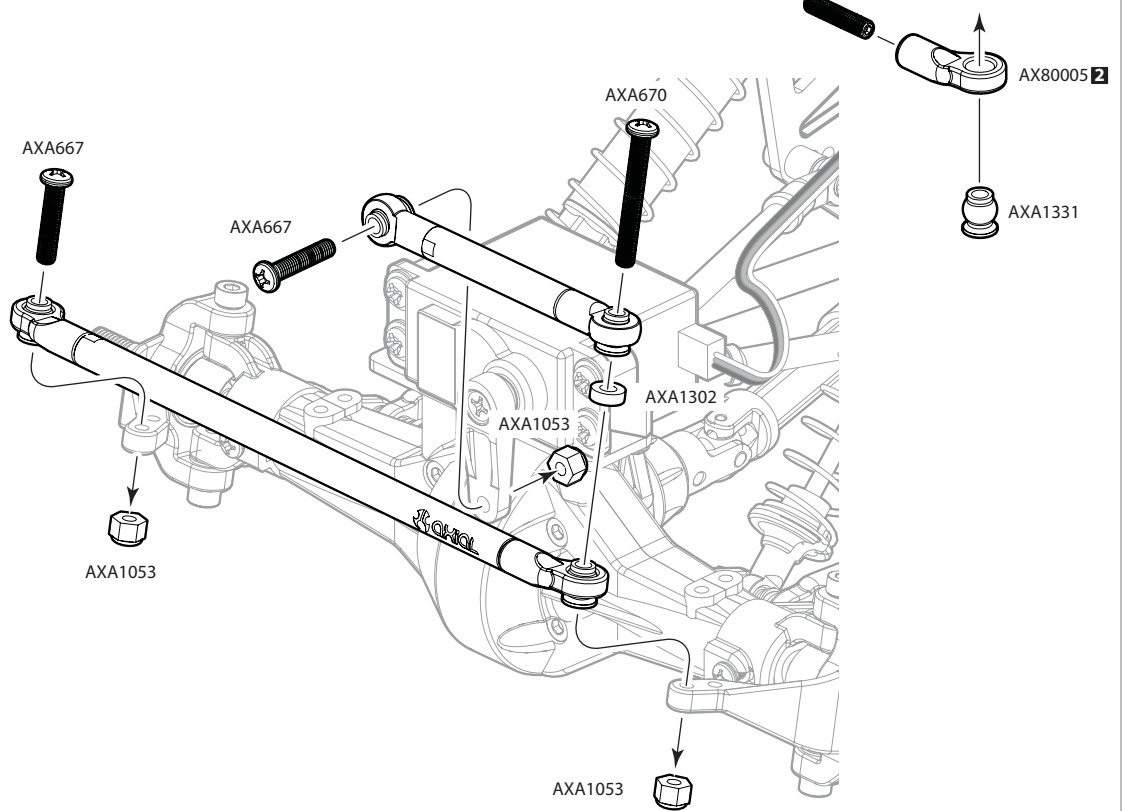
**AX30441**  
6x106mm **x1**

**AXA667**  
M3x15mm **x2**

**AXA670**  
M3x25mm **x1**

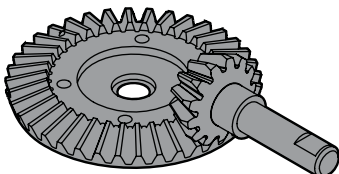
**AXA1053**  
M3 Nylon Locking Hex Nut **x3**

**AXA1302**  
2x6mm Spacer **x1**

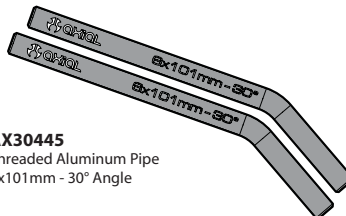


## Option Parts

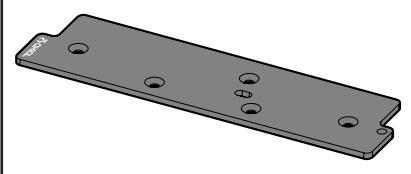
**AX30395**  
Heavy Duty Bevel Gear Set



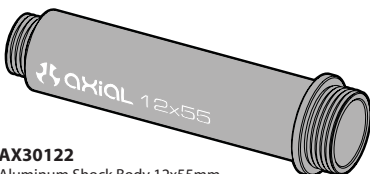
**AX30445**  
Threaded Aluminum Pipe  
6x101mm - 30° Angle



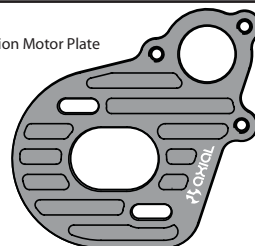
**AX30486**  
AX10 Scorpion Battery/Servo Plate



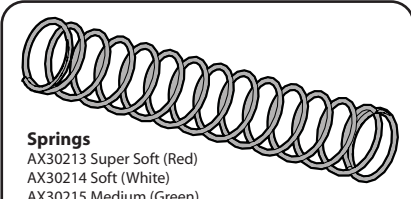
**AX30122**  
Aluminum Shock Body 12x55mm



**AX30482**  
AX10 Scorpion Motor Plate



**Springs**  
AX30213 Super Soft (Red)  
AX30214 Soft (White)  
AX30215 Medium (Green)  
AX30216 Firm (Yellow)  
AX30217 Super Firm (Blue)





## Batteries / Batterien / Piles

### Optional Battery Mounting

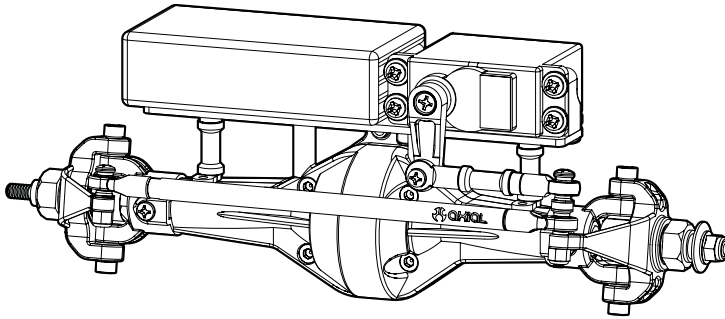
The standard 7.2V stick pack can be mounted on the battery/radio tray as shown in the instructions. However this is not the most ideal mounting place for competitive rock crawling since it places most of the weight higher in the chassis. You can also use smaller packs (LiPo, Lithium Ion, receiver packs, etc.) that offer a much lower weight. Ideally you want the bulk of the weight to be over the front axle. If you plan on competing or simply want to improve the performance of your AX10 Scorpion it is recommended to relocate your batteries over the front axle. You can mount the battery pack on top of the steering servo using Velcro, plastic zip ties, or strapping tape. You can also mount the battery pack using the optional AX10 Scorpion Battery/Servo Plate (AX30486) as shown.

### Optionale Akkubefestigung

Der normale 7,2V Stick Pack kann wie beschrieben auf die Elektronik Grundplatte montiert werden. Diese Position ist nicht der idealste Ort, da das Gewicht höher als das Chassis ist. Sie können auch kleinere Packs verwenden (LiPo, Lithium Ion, Empfängerpacks...) die leichter sind. Im Idealfall kommt das Gewicht über die Vorderachse. Wenn Sie ein Rennen mitfahren, oder die Leistung Ihres Wagens optimieren wollen wird empfohlen, die Akkus über die Vorderachse zu montieren. Sie können den Akkupack auf dem Lenkservo mit Klettverschluss, Kabelbinder oder Klebeband montieren. Sie können auch den Akku mit dem Option Part AX30486 nach Bedarf montieren.

### Monter facultatif de Pile

Le standard 7,2V tas de baton peut être monté sur le plateau de pile/radio selon les instructions. Cependant ceci n'est pas l'endroit montant le plus idéal pour ramper de rocher compétitif puisque il place la plupart du poids plus haut dans le châssis. Vous pouvez utiliser aussi de plus petits tas (LiPo, l'lon de Lithium, les tas de récepteur, etc.) cela offre un abaisse beaucoup le poids. Idéalement vous voulez que la masse du poids pour ait été par-dessus l'essieu avant. Si vous planifiez sur concourir ou simplement le besoin pour améliorer l'exécution de votre AX10 Scorpion qu'il est recommandé reloger vos piles par-dessus l'essieu avant. Vous pouvez monter le tas de pile sur la direction le Velcro d'utilisation servo, la fermeture éclair en plastique lie, ou sangler la bande. Vous pouvez monter aussi le tas de pile utilisant le facultatif AX10 Scorpion Plaque Pile/Servo (AX30486) comme indiqué.



visit [www.maxamps.com](http://www.maxamps.com) for a complete selection of batteries and chargers specifically for the AX10 Scorpion.

## Wheels - Tires / Räder - Ermüdet / Les roues - Fatigue

The AX10 Scorpion is set up to be competitive right out of the box, however terrain, weather and driving style all affect the performance of the chassis. You can fine tune performance of your AX10 Scorpion by adding weight, trimming the inner foam, and tuning your tires.

Der AX10 Skorpion ist konstruiert, um aus der Schachtel konkurrenzfähig zu sein, jedoch beeinflussen Gelände, Wetter und Fahrstil die Leistung vom Chassis. Sie können die Leistung Ihres AX10 Skorpion durch hinzufügen von Gewichten, Trimmen der Reifeneinlage und der Reifenabstimmung einstellen.

Le AX10 Scorpion s'est établi pour être la droite compétitif de la boîte, cependant le terrain, le temps et la conduite conçoivent tout affecte l'exécution du châssis. Vous pouvez condamner à une amende l'exécution d'air de votre AX10 Scorpion en ajoutant le poids, taillant la mousse intérieure, et l'accordement de vos pneus.

### Adding Weight / Addiergewicht / Poids ajoutant

You can add weight to the front axle to improve traction. Most users will use stick on wheel weights that fit inside the tire and mount to the wheel, but you can also use Airsoft pellets or BB's. You will have to experiment to determine how much weight to add.

Sie können an der Vorderachse Gewicht hinzufügen um die Traktion zu verbessern. Die meisten Fahrer verwenden aufsteckbare Rädergewichte die innerhalb des Reifens montiert werden, Sie können aber auch Airsoft Kugeln oder BB's verwenden. Sie werden experimentieren müssen, um zu bestimmen, wieviel Gewicht Sie hinzufügen müssen.

Vous pouvez ajouter le poids à l'essieu avant pour améliorer la traction. La plupart des utilisateurs utiliseront le baton sur les poids de roue qui capable dans le pneu et le mont à la roue, mais vous pouvez utiliser aussi les boulettes de Airsoft ou BB. Vous aurez à expérimenter pour déterminer combien de peser pour ajouter.



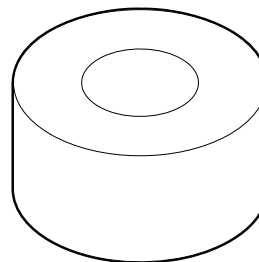
### Tire Flex / Reifen Flex / Le pneu Fléchet

You can adjust the amount of tire flex you get by trimming your inner foam. Visit [www.rcrawler.com](http://www.rcrawler.com) to see all the choices you have before trimming your inner foams.

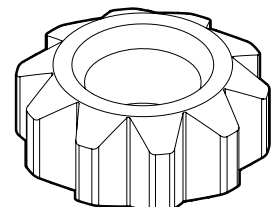
Sie können die Eigenschaften des Reifens durch trimmen der Reifeneinlage ändern. Besuchen Sie [www.rcrawler.com](http://www.rcrawler.com), um Möglichkeiten für diese Änderung zu sehen, bevor Sie die Einlage bearbeiten.

Vous pouvez ajuster la quantité de pneu fléchet vous obtient en taillant votre mousse intérieure. [www.rcrawler.com](http://www.rcrawler.com) de visite pour voir tous les choix que vous avez avant de tailler vos mousses intérieures.

Standard



Trimmed




### Shock Absorbers / Dämpfer / Amortisseurs


Proper building, maintenance, and tuning of your shocks will enhance the performance of your AX10 Scorpion. Be sure to inspect the shocks regularly for any sign of wear or damage and replace parts as needed. Tune your shocks to enhance the performance of your AX10 Scorpion using the tips provided below.


Ordnungsgemäßer Zusammenbau, Wartung und Abstimmung der Dämpfer wird die Leistung Ihres AX10 Scorpion erhöhen. Prüfen Sie unbedingt regelmäßig die Dämpfer auf Verschleiß und ersetzen Sie die nötigen Teile. Stimmen Sie Ihre Dämpfer ab wie untenstehend beschrieben, um die Leistung des Wagens zu erhöhen.

Le bâtiment correct, l'entretien, et accordant de vos chocs améliorera l'exécution de votre AX10 Scorpion. Etre sûr d'inspecter le regularly de chocs pour n'importe quel signe d'usure ou damage et remplace des parties comme nécessaire. Accorder vos chocs pour améliorer l'exécution de votre AX10 Scorpion utilisant les pointes fournies au dessous.



Shock Oil / Dämpferöl / Huile pour amortisseur	
Thinner / Dünner / Plus fluide	Thicker / Dicker / Plus visqueuse
Softer damping More traction Quicker weight transfer  Weichere Dämpfung Mehr Griff Schnellere gewichtsverlagerung  Amortissement plus doux Plus d'adhérence Transfert de masses du châssis plus rapide	Stiffer damping Slower chassis weight transfer Reacts slower to input  Härtere Dämpfung Langsamere Gewichtsverlagerung Auto reagiert langsamer auf Steuerbefehle  Amortissement plus rigide Transfert de masses du châssis plus lente La voiture répond plus lentement aux commandes



Shock Spring / Dämpferfeder / Ressort d'amortisseur	
<b>Softer / Weicher / Plus souple</b> More Chassis Roll Mehr rollbewegung des chassis Plus de roulis du châssis  Less Chassis Roll Weniger rollbewegung des chassis Moins de roulis du châssis  <b>Thicker / Dicker / Plus visqueuse</b>	 AX30213 Super Soft (Red) AX30214 Soft (White) AX30215 Medium (Green) AX30216 Firm (Yellow) AX30217 Super Firm (Blue)

### Gear Ratio / Getriebeübersetzung / Rapports De Démultiplication

Use this equation to calculate the final drive ratio.  
**Final Drive Gear Ratio = 1 / ((pinion/Spur) X .13)**

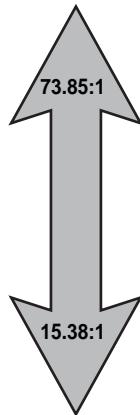
Mit dieser Gleichung können Sie die Gesamtübersetzung berechnen.

**Gesamtübersetzung = 1 / ((pinion/Spur) X .13)**

Utilisez cette equation pour calculer le rapport de transmission final

**Rapport de transmission final = 1 / ((pinion/Spur) X .13)**

**Slower - More Torque**  
**Langsamer - Mehr Kraft**



**Faster - Less Torque**  
**Schneller - Weniger Kraft**

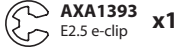
		48 Pitch									
		Spur									
		70	72	75	78	81	85	87	90	93	96
Pinion	10								69.23	71.54	73.85
	11								62.94	65.03	67.13
	12							55.77	57.69	59.62	61.54
	13							51.48	53.25	55.03	56.80
	14						46.70	47.80	49.45	51.10	52.75
	15						43.59	44.62	46.15	47.69	49.23
	16						40.87	44.62	43.27	44.71	46.15
	17						36.32	39.37	40.72	42.08	43.44
	18					34.62	34.41	37.18	38.46	39.74	41.03
	19					32.79	34.41	35.22	36.44	37.65	38.87
	20					31.15	32.69	33.46	34.62	35.77	36.92
	21				28.57	29.67	31.14	31.87	32.97	34.07	35.16
	22				27.27	28.32	29.72	30.42	31.47	32.52	33.57
	23				26.09	27.09	28.43	29.10	30.10	31.10	32.11
	24			24.04	25.00	25.96	27.24	27.88	28.85	29.81	30.77
	25			23.08	24.00	24.92	26.15	26.77	27.69	28.62	29.54
	26			22.19	23.08	23.96	25.15	25.74	26.63	27.51	28.40
27		20.51	21.37	22.22	23.08	24.22	24.79	25.64	26.50	27.35	
28		19.78	20.60	21.43	22.25	23.35	23.90	24.73	25.55	26.37	
29	18.57	19.10	19.89	20.69	21.49	22.55	23.08	23.87	24.67	25.46	
30	17.95	18.46	19.23	20.00	20.77	21.79	22.31	23.08	23.85	24.62	
31	17.37	17.87	18.61	19.35	20.10	21.09	21.59	22.33	23.08	23.82	
32	16.83	17.31	18.03	18.75	19.47	20.43	20.91	21.63	22.36	23.08	
33	16.32	16.78	17.48	18.18	18.88	19.81	20.28	20.98	21.68	22.38	
34	15.84	16.29	16.97	17.65	18.33	19.23	19.68	20.36	21.04	21.72	
35	15.38	15.82	16.48	17.14	17.80	18.68	19.12	19.78	20.44	21.10	



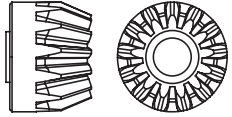
**AX30405**  
Input Shaft 5x28mm **x1**



**AX30163**  
Pin 2x10mm **x1**

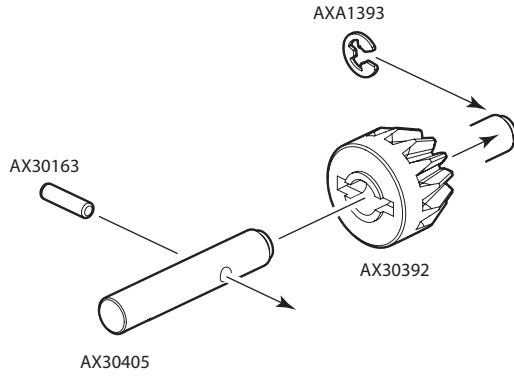


**AXA1393**  
E2.5 e-clip **x1**



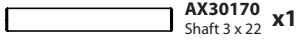
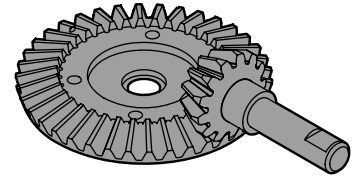
**AX30392**  
13T Bevel Gear **x1**

# 1

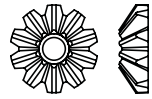


## Option Parts

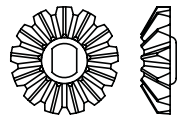
**AX30395**  
Heavy Duty Bevel Gear Set



**AX30170**  
Shaft 3 x 22 **x1**



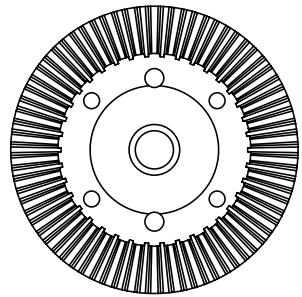
**AX30390**  
10T Bevel Gear **x2**



**AX30390**  
13T Bevel Gear **x2**



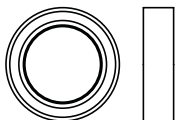
**AXA1162**  
O-Ring 5x1mm **x2**



**AX30392**  
38T Bevel Gear **x1**



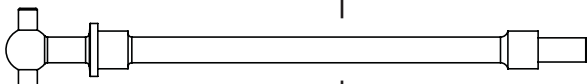
**AXA015**  
M2x10mm **x4**



**AXA1230**  
Bearing 10x15x4mm **x2**

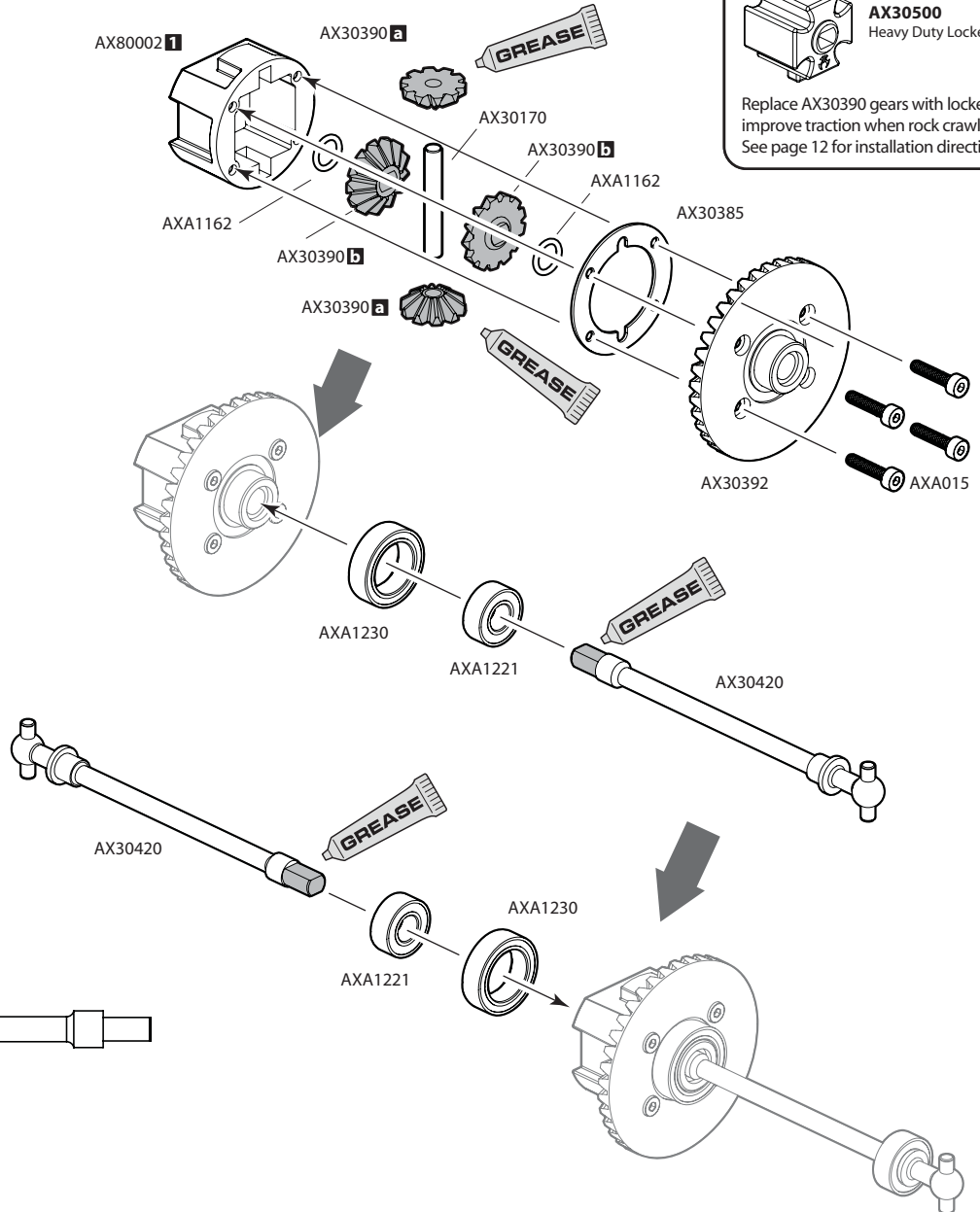


**AXA1221**  
Bearing 5x11x4mm **x2**

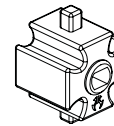


**AX30420**  
Solid Axle Dogbone 6x74mm **x2**

# 2



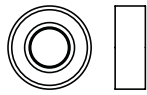
## Tip



**AX30500**  
Heavy Duty Locker

Replace AX30390 gears with locker to improve traction when rock crawling. See page 12 for installation directions.





**AXA1221**  
Bearing 5x11x4mm **x2**

**AXA085**  
M3x10mm **x2**

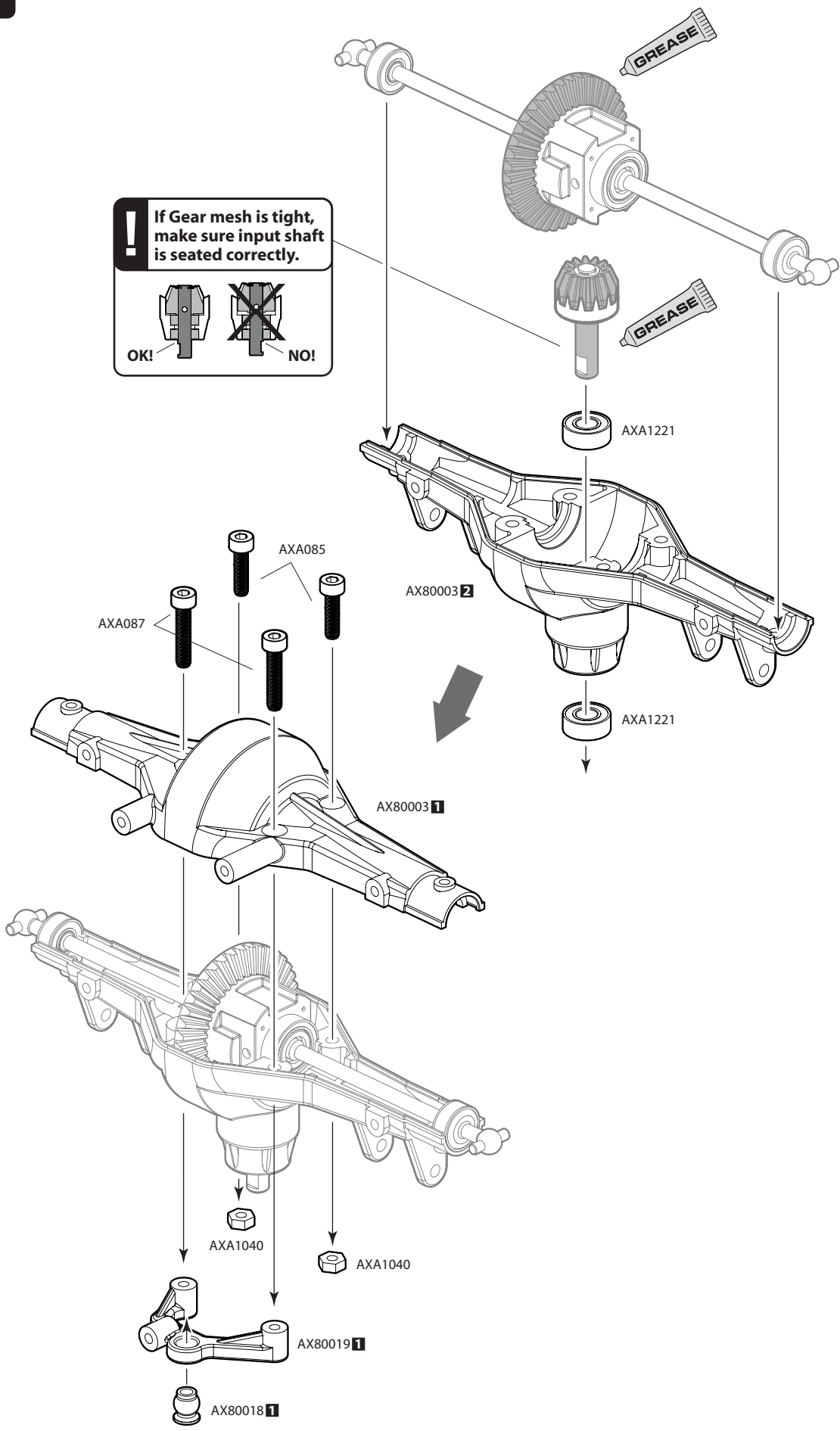


**AXA087**  
M3x16mm **x2**

**AXA1040**  
M3 Thin Hex Nut **x2**

**! If Gear mesh is tight, make sure input shaft is seated correctly.**

**OK!** **NO!**



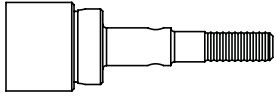
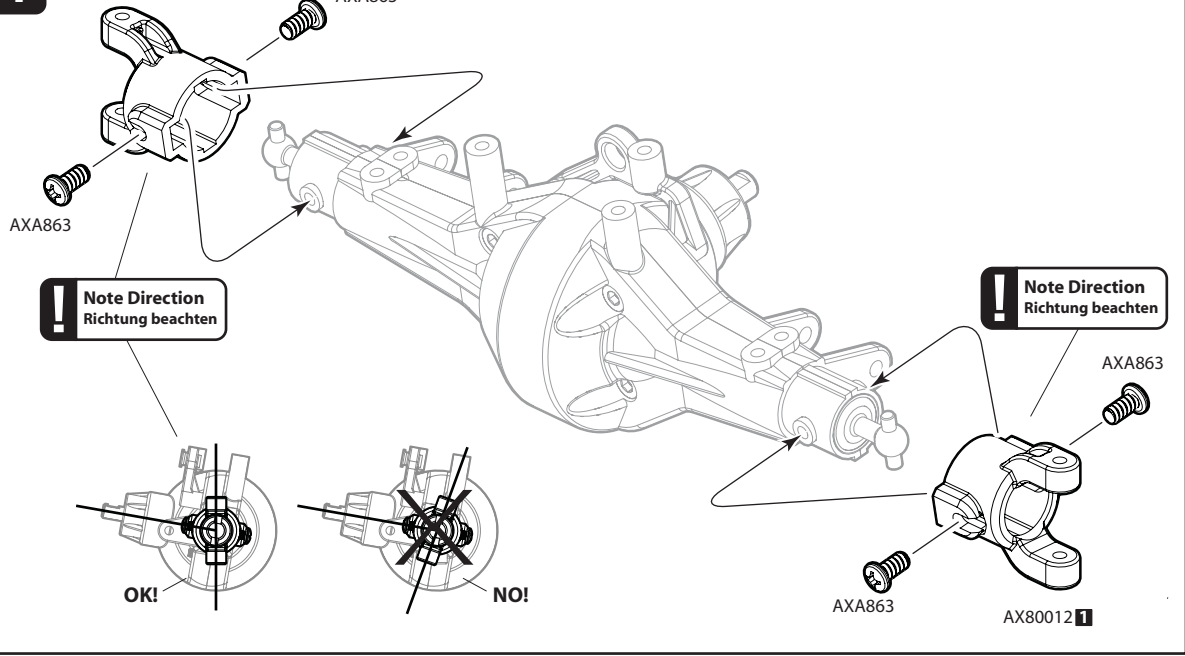


**AXA863**  
M3x6mm Tapping Binder Head **x4**

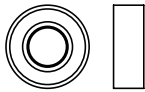
**4**

AX80012 **2**

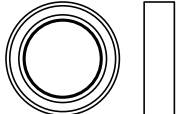
AXA863



**AX30366**  
Axle 5x35mm **x2**



**AXA1221**  
Bearing 5x11x4mm **x2**

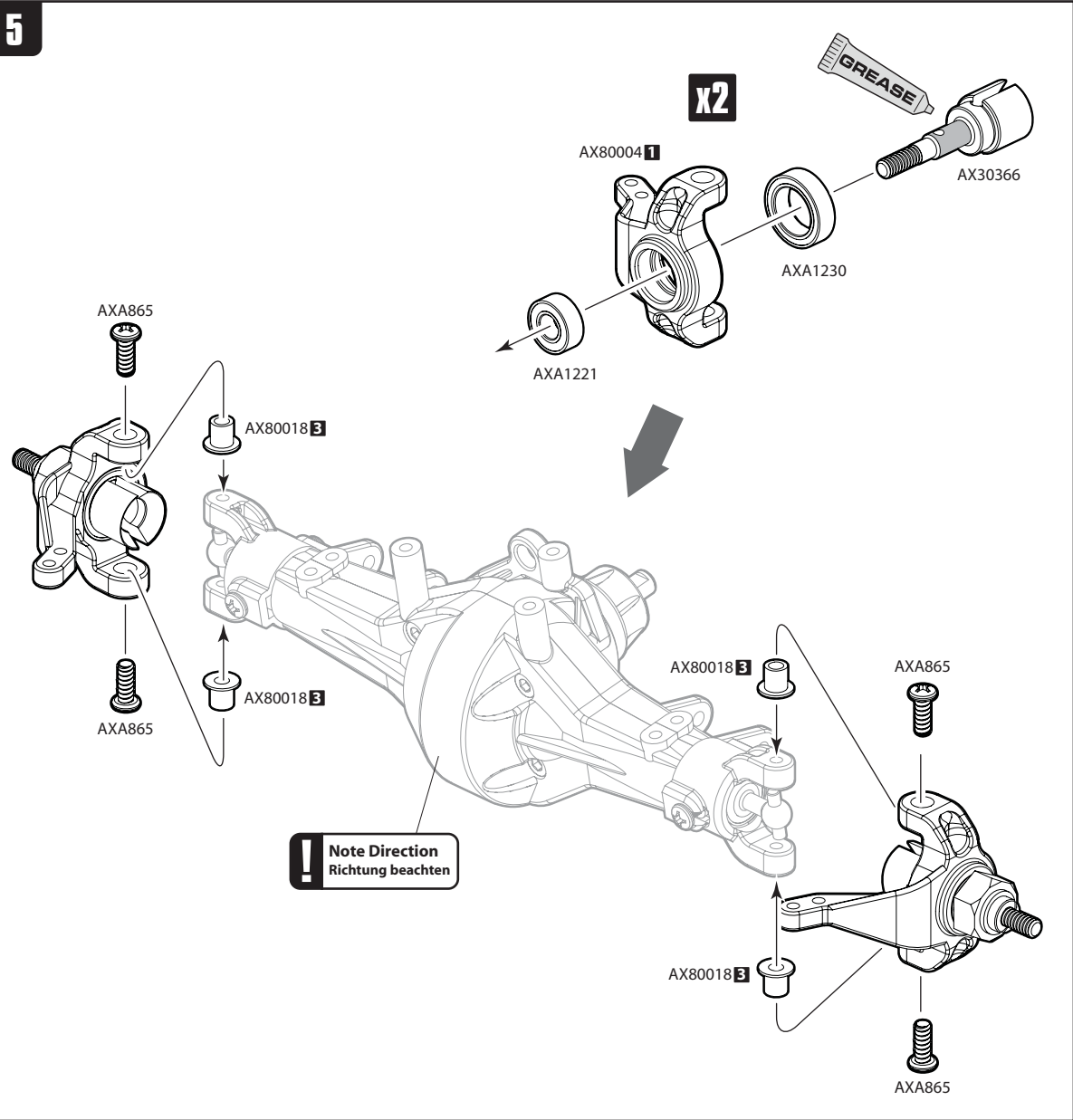


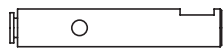
**AXA1230**  
Bearing 10x15x4mm **x2**



**AXA865**  
M3x10mm Tapping Binder Head **x4**

**5**

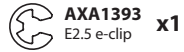




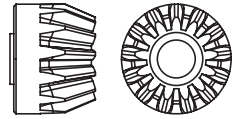
**AX30405**  
Input Shaft 5x28mm **x1**



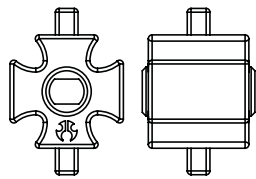
**AX30163**  
Pin 2x10mm **x1**



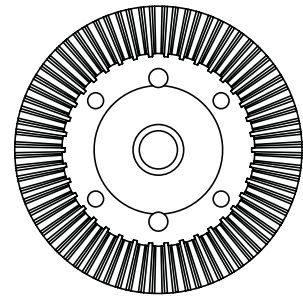
**AXA1393**  
E2.5 e-clip **x1**



**AX30392**  
13T Bevel Gear **x1**



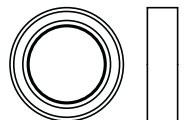
**AX30500**  
Heavy Duty Locker **x1**



**AX30392**  
38T Bevel Gear **x1**



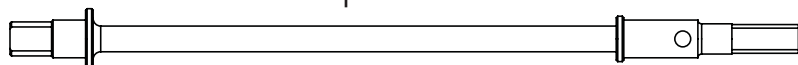
**AXA015**  
M2x10mm **x4**



**AXA1230**  
Bearing 10x15x4mm **x2**

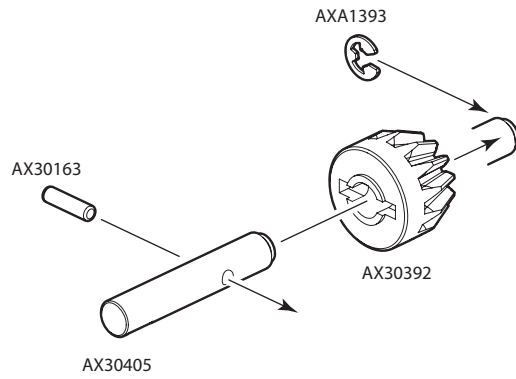


**AXA1221**  
Bearing 5x11x4mm **x2**



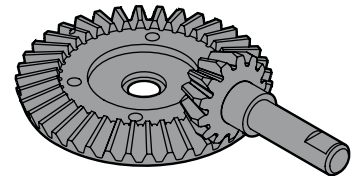
**AX30421**  
Solid Axle Dogbone 6x104.5mm **x2**

**6**

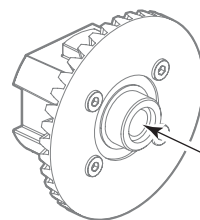
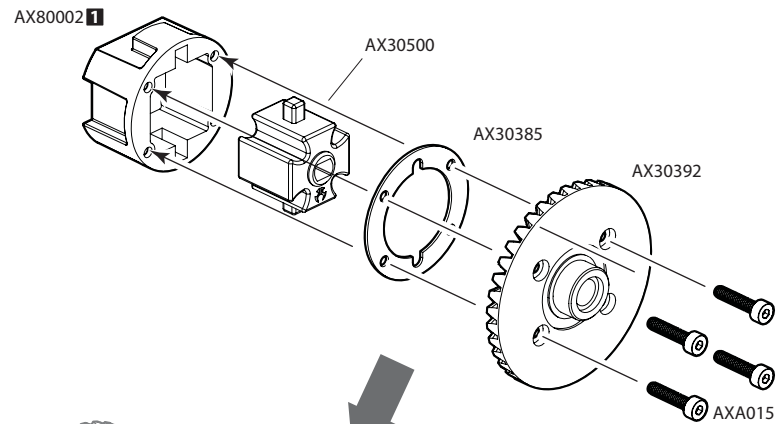


**Option Parts**

**AX30395**  
Heavy Duty Bevel Gear Set



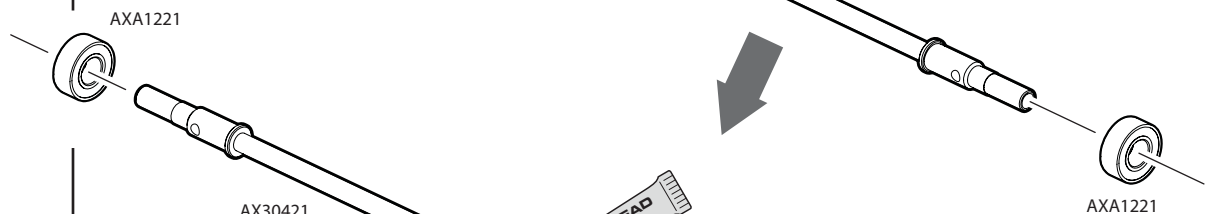
**7**



**AXA1230**



**AX30421**



**AXA1221**

**AX30421**

**AXA1230**

**AXA1221**





**AXA1221**  
Bearing 5x11x4mm **x2**

**AXA085**  
M3x10mm **x2**



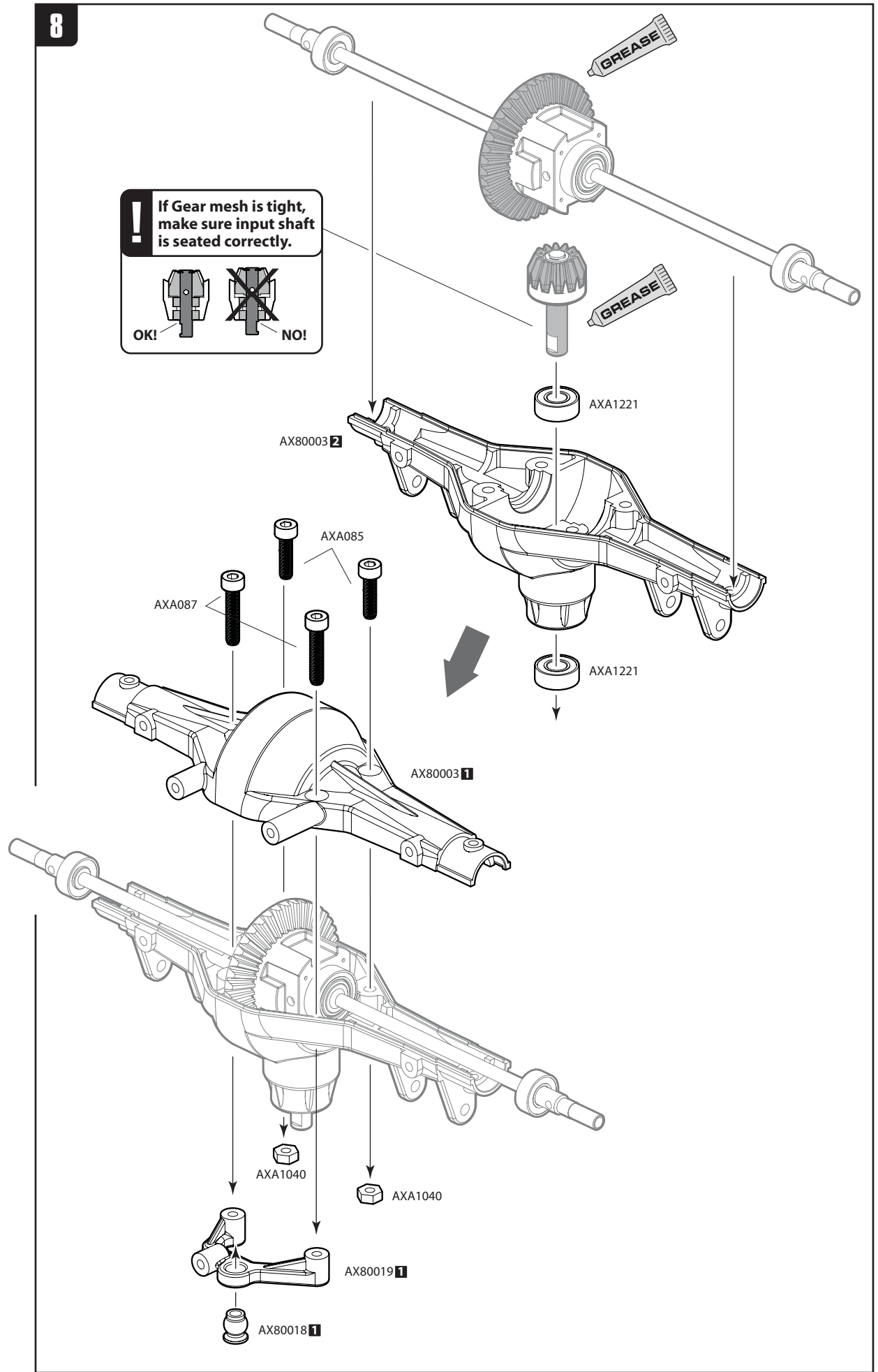
**AXA087**  
M3x16mm **x2**

**AXA1040**  
M3 Thin Hex Nut **x2**

**8**

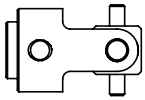
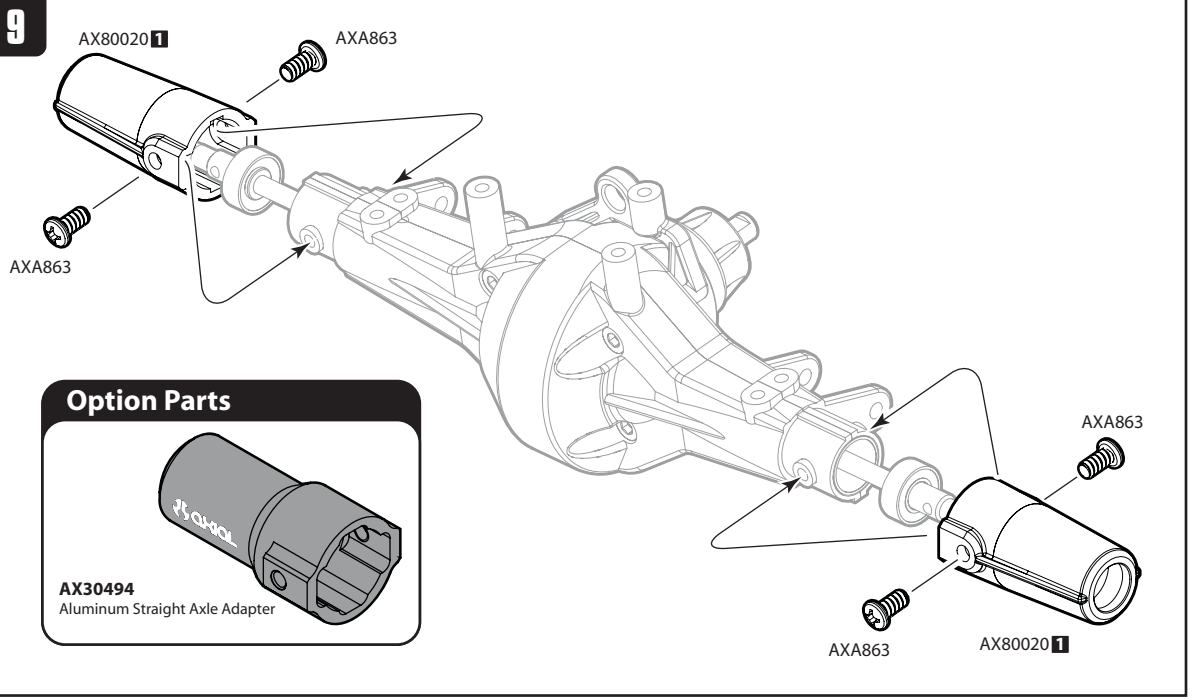
**! If Gear mesh is tight, make sure input shaft is seated correctly.**

**OK!** **NO!**





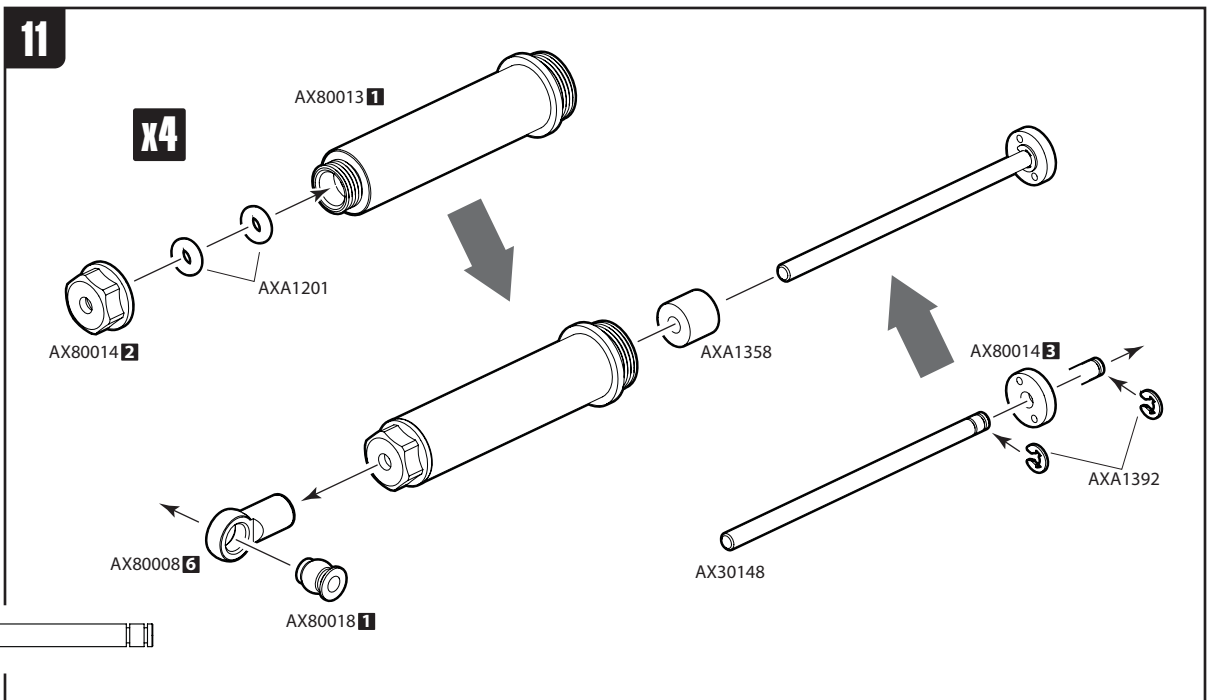
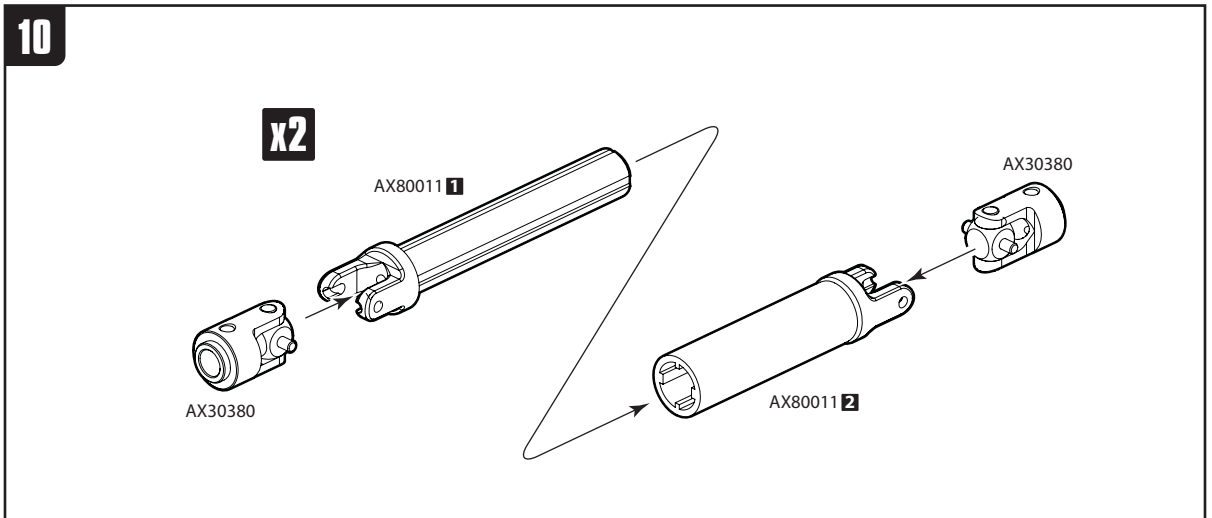
**AXA863**  
M3x6mm Tapping Binder Head **x4**

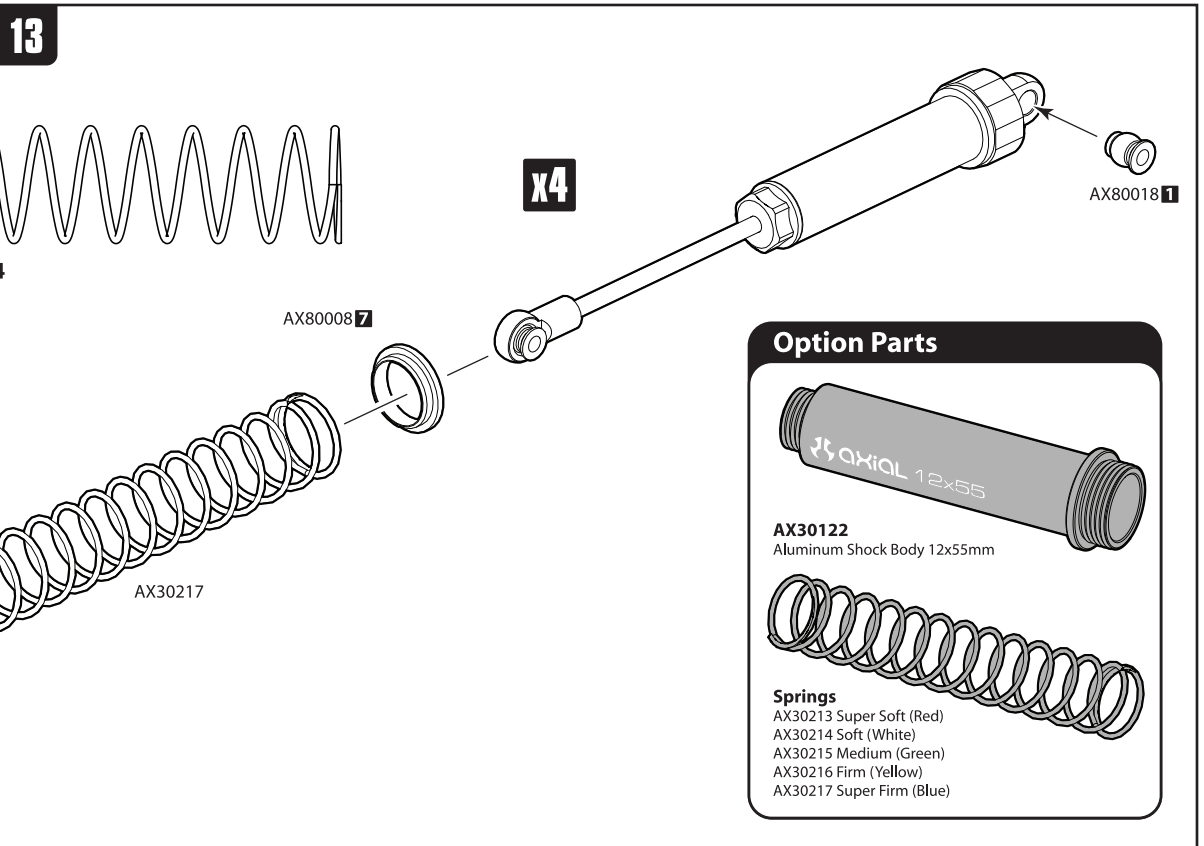
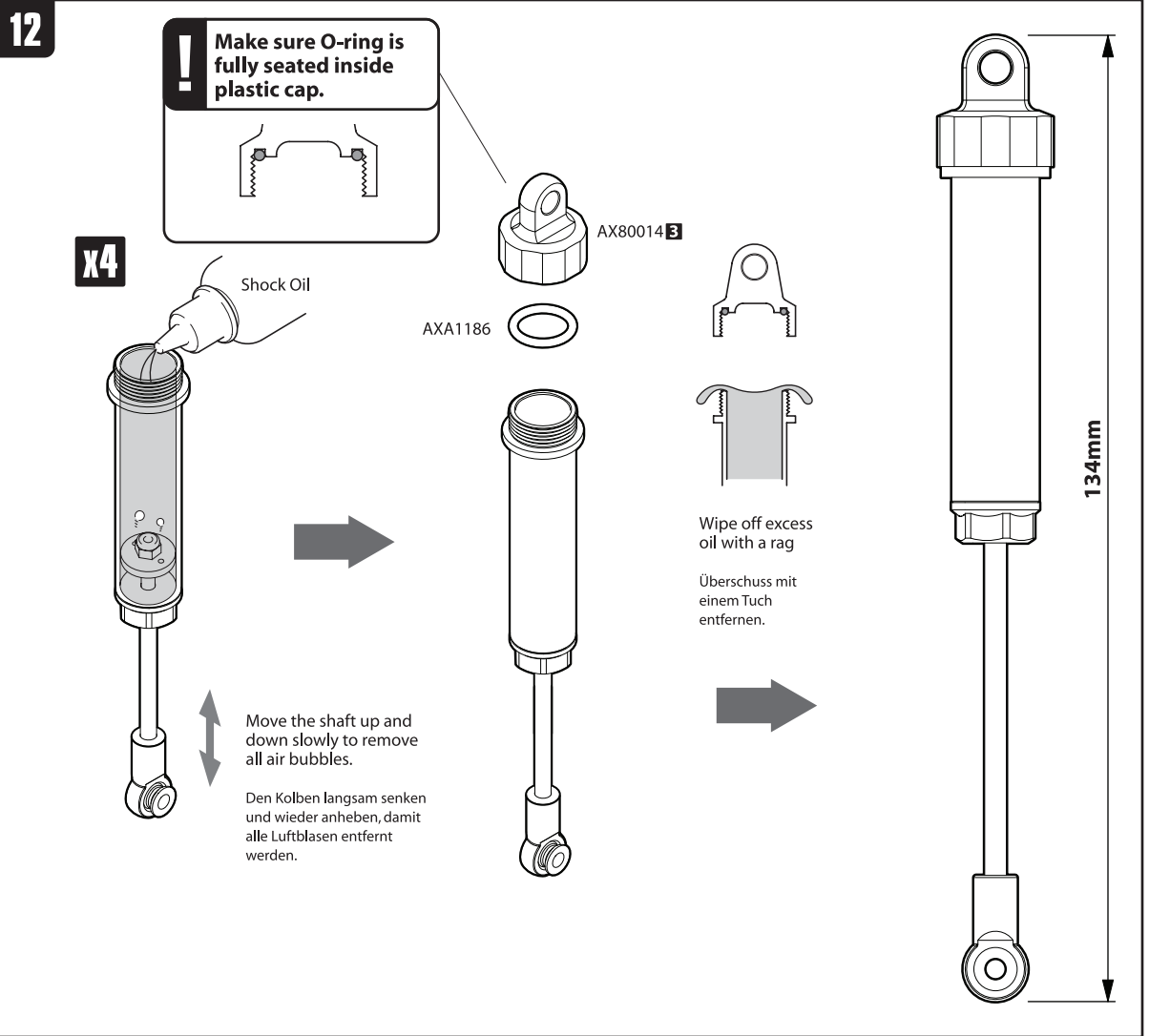
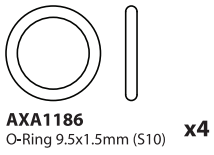


**AX30380**  
Metal Driveshaft Yoke **x4**

**Option Parts**

**AX30493**  
Aluminum Drive Shaft Rings







14

x4

AX80016 2

AX80018 1

AX80018 1



AXA180  
M3x3mm Set Screw x1



AXA867  
M3x15mm Tapping Binder Head x1

15

AX80016 1

AXA867

AXA180



AXA180  
M3x3mm Set Screw x1



AXA867  
M3x15mm Tapping Binder Head x1

16

AX80016 1

AXA867

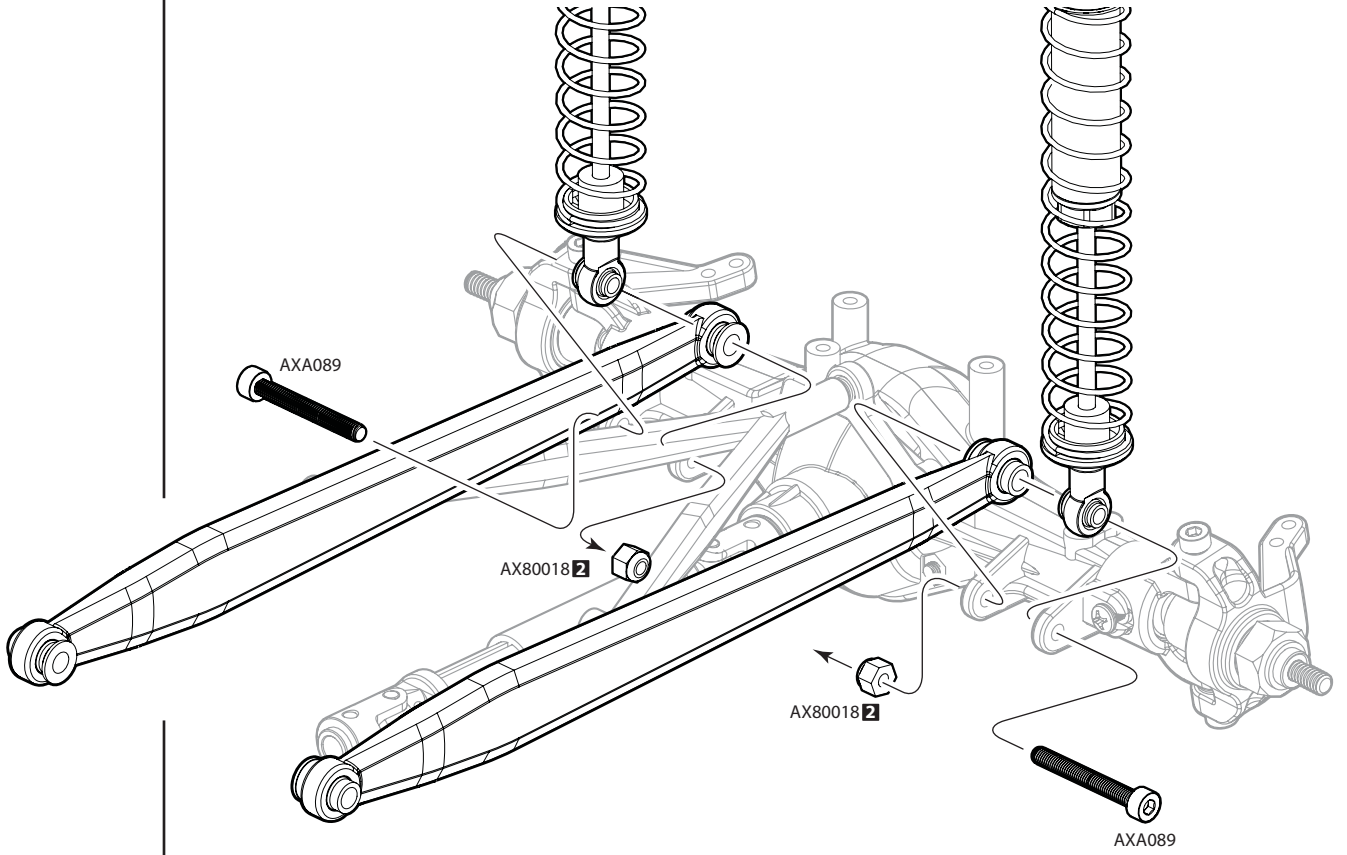
AXA180





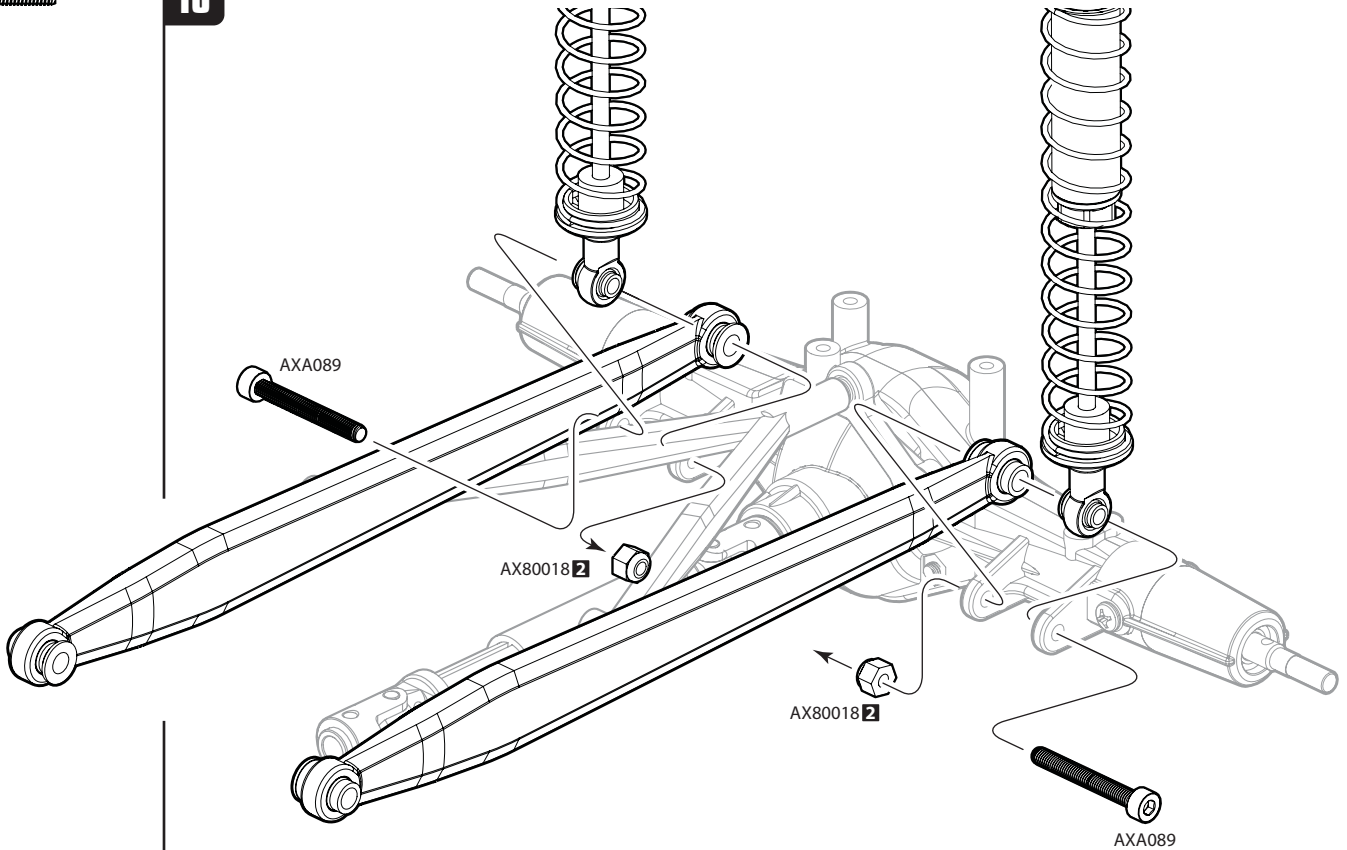
AXA089  
M3x25mm x2

17

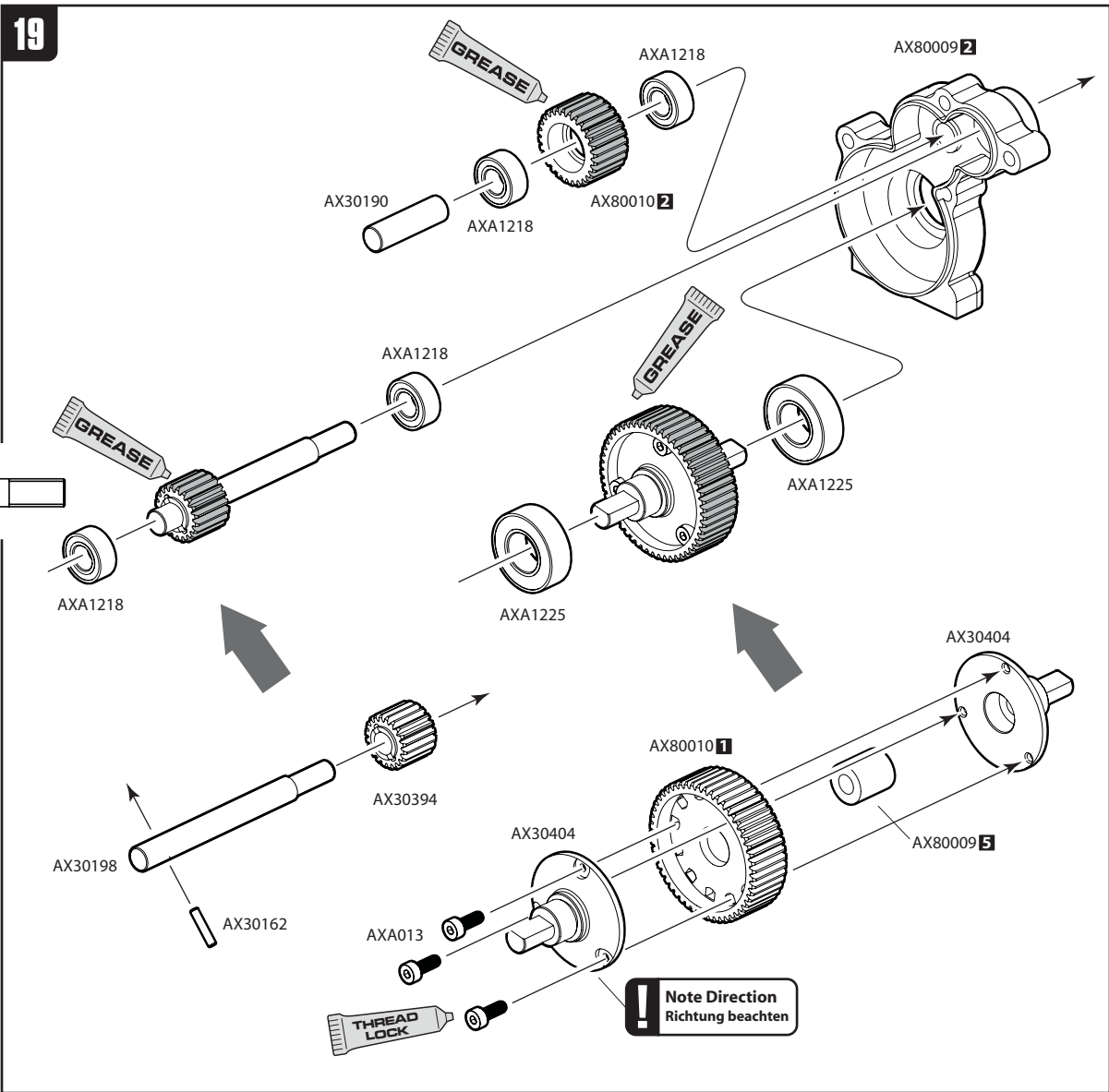
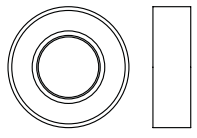
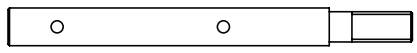
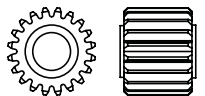
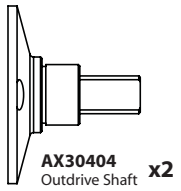


AXA089  
M3x25mm x2

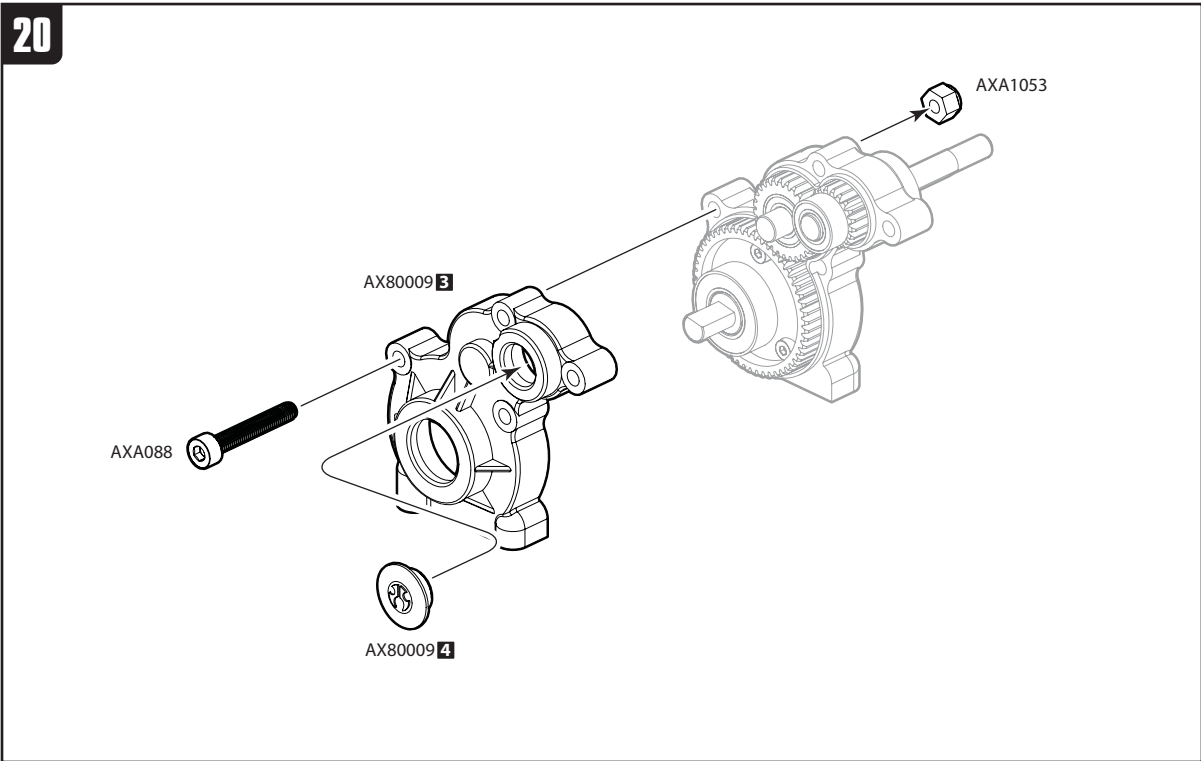
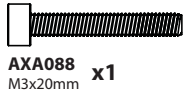
18



**19**

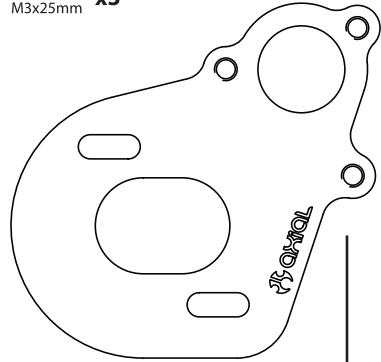


**20**

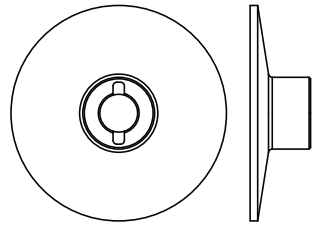




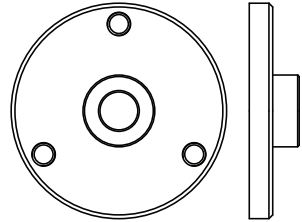
**AXA089**  
M3x25mm **x3**



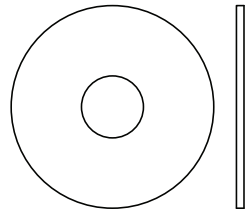
**AX30491**  
AX10 Scorpion Motor Plate **x1**



**AX30410**  
Inner Slipper Plate **x1**



**AX30411**  
Outer Slipper Plate **x1**



**AX30412**  
Slipper Pad 27x8x1mm **x1**



**AX30413**  
Spring 8.5x12 **x1**



**AX30162**  
Pin 1.5x8mm **x1**



**AX1045**  
M4 Nylon Lock Nut **x1**



**AXA1070**  
Washer 3x6x0.5 **x3**



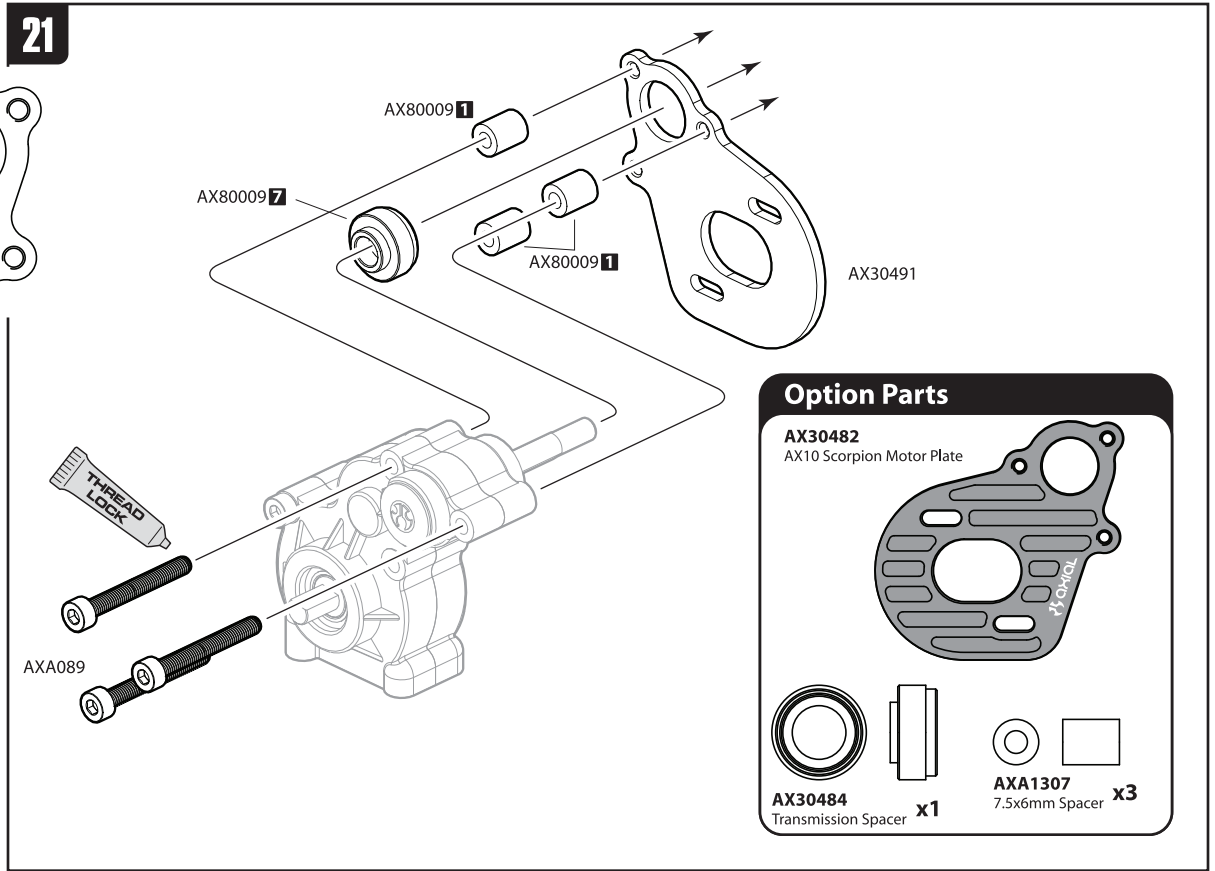
**AX1071**  
Washer 4x8x0.5mm **x1**



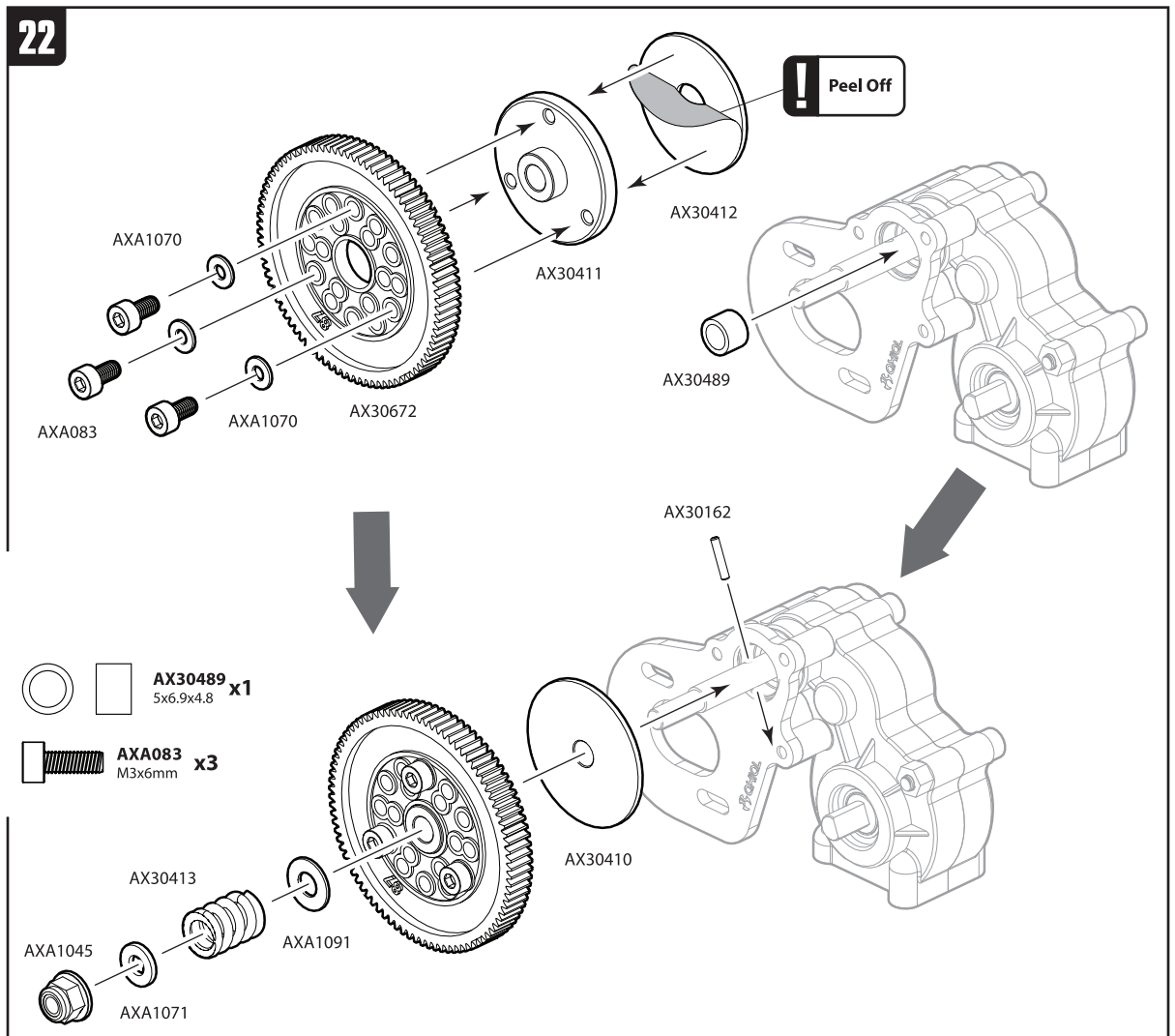
**AXA1091**  
Washer 5x10x.5mm **x1**



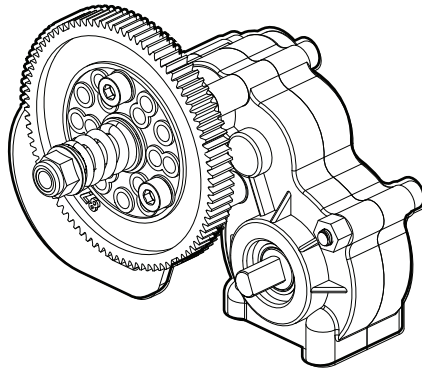
**21**



**22**



23





To set the slipper clutch, tighten the nut (↻Clockwise) until it stops then loosen it 2 turns (↻Counter clockwise). The spur gear should slip when firm pressure is applied. Do not over tighten the slipper clutch, damage may occur to the drivetrain.

**Testing the slipper clutch**

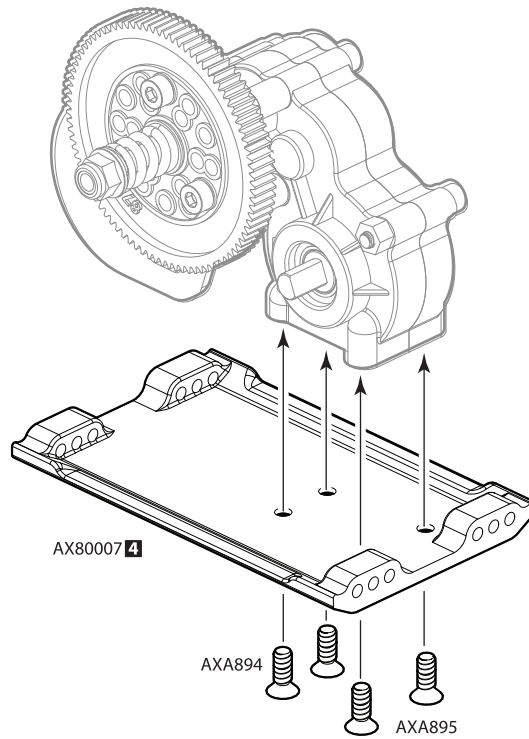
- 1. Hold the tires
- 2. Use your fingers to rotate the spur gear

Note: The spur gear should slip when firm pressure is applied. If it does not slip, loosen the nut in 1/2 turn increments

 **AXA894**  
M3x8mm Tapping Flat Head x2

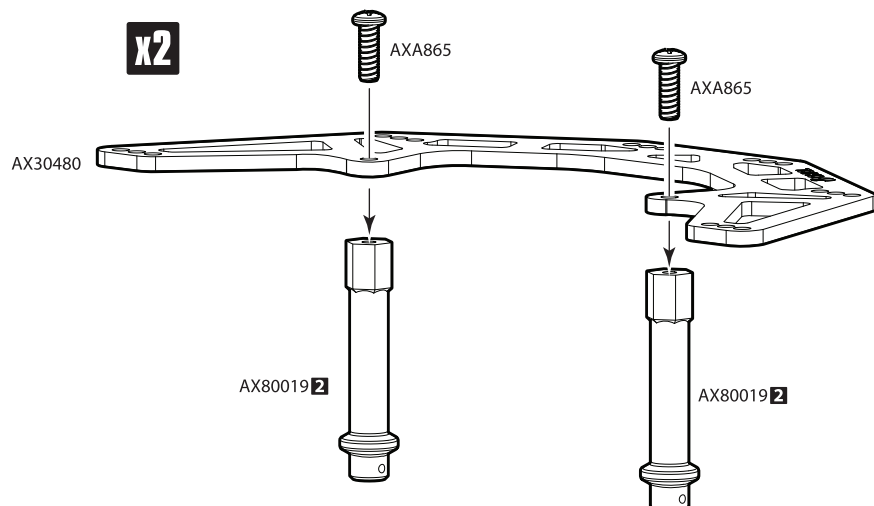
 **AXA895**  
M3x10mm Tapping Flat Head x2

24

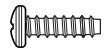


 **AXA865**  
M3x10mm Tapping Binder Head x4

25







**AXA865**  
M3x10mm Tapping Binder Head **x2**



**AXA867**  
M3x15mm Tapping Binder Head **x2**



**AXA180**  
M3x3mm Set Screw **x1**

**26**



AXA867  
AXA865

**Do Not Over Tighten**  
Nicht zu stark Anziehen

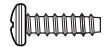
**Note Direction**  
Richtung beachten



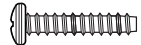
AXA180

**Do Not Over Tighten**  
Nicht zu stark Anziehen

**Note Direction**  
Richtung beachten



**AXA865**  
M3x10mm Tapping Binder Head **x2**

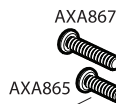


**AXA867**  
M3x15mm Tapping Binder Head **x2**



**AXA180**  
M3x3mm Set Screw **x1**

**27**



AXA867  
AXA865

**Do Not Over Tighten**  
Nicht zu stark Anziehen

**Note Direction**  
Richtung beachten



AXA180

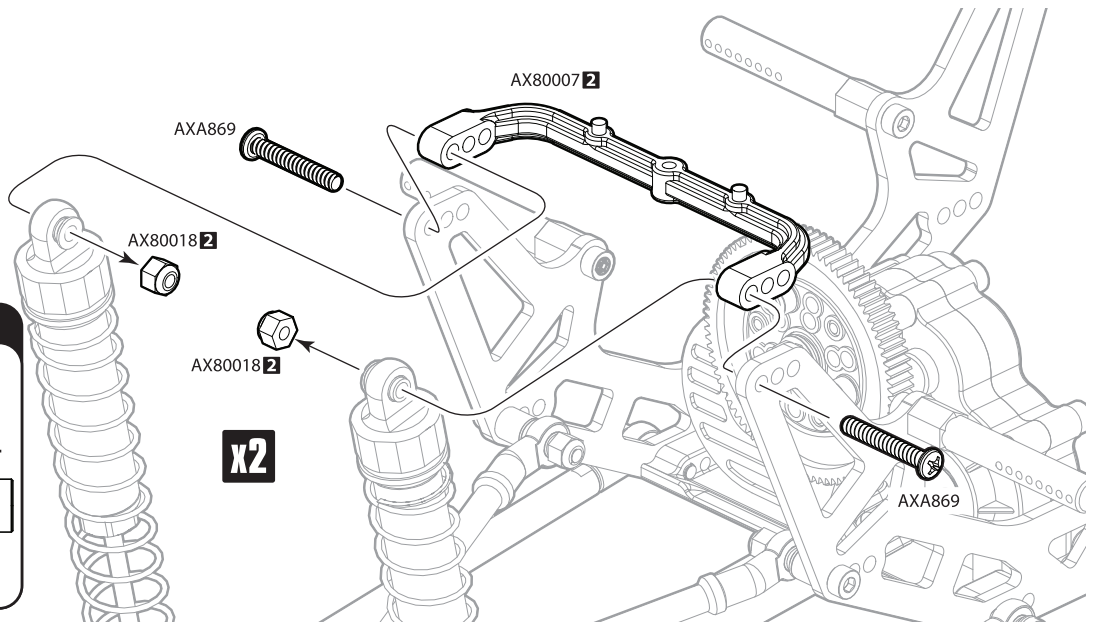
**Do Not Over Tighten**  
Nicht zu stark Anziehen

**Note Direction**  
Richtung beachten



**AXA869**  
M3x20mm Tapping Binder Head **x4**

**28**



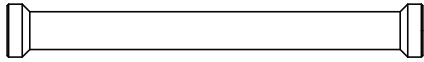
**Option Parts**



**AXA150**  
M3x25mm **x4**



**AXA1101**  
Cone Washer 3x6.9x2 **x4**

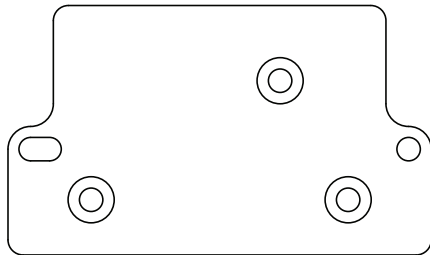


**AXA1319**  
7x55mm Post **x2**



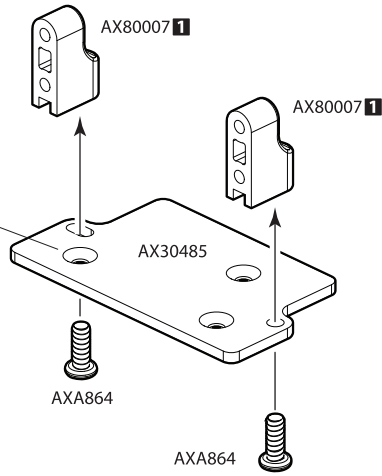
**AXA864**  
M3x8mm Tapping Binder Head **x2**

**29**



**AX30485**  
AX10 Scorpion Servo Plate **x1**

**!** Note Direction  
Richtung beachten

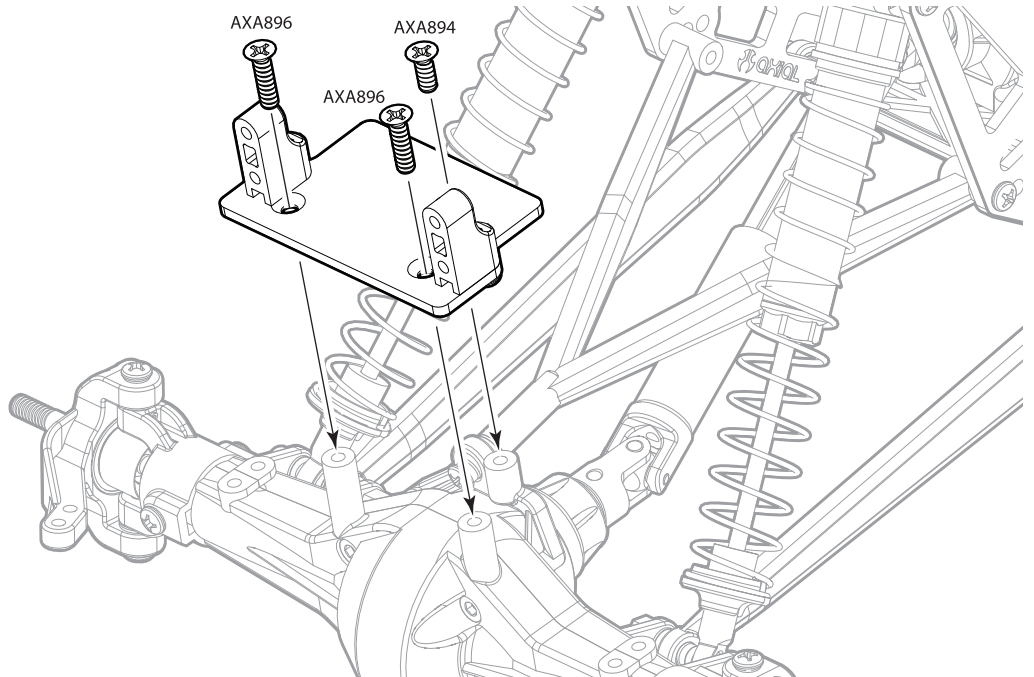


**AXA894**  
M3x8mm Tapping Flat Head **x1**



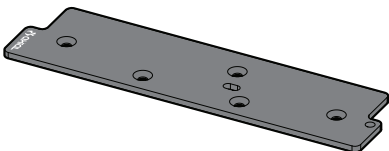
**AXA896**  
M3x12mm Tapping Flat Head **x2**

**30**



**Option Parts**

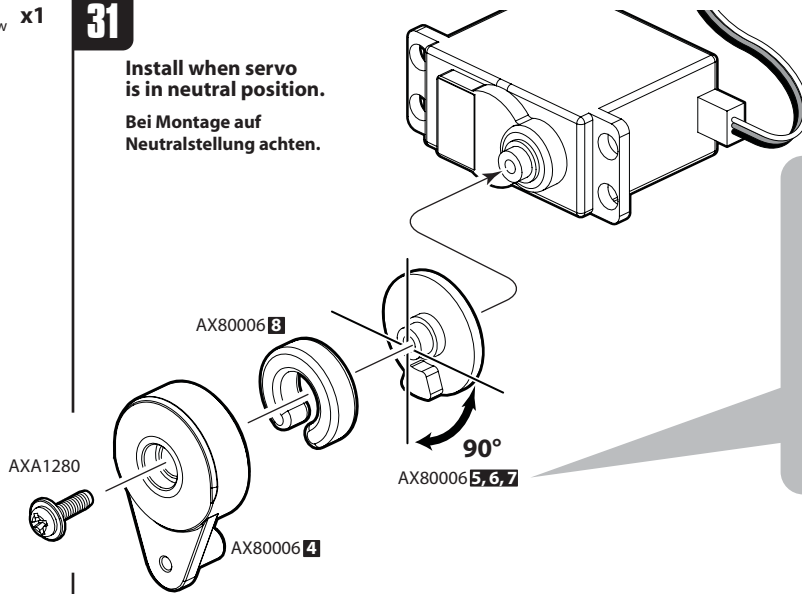
**AX30486**  
AX10 Scorpion Battery/Servo Plate



**AXA1280**  
M3x10mm Flange Screw **x1**

**31**

**Install when servo is in neutral position.**  
**Bei Montage auf Neutralstellung achten.**



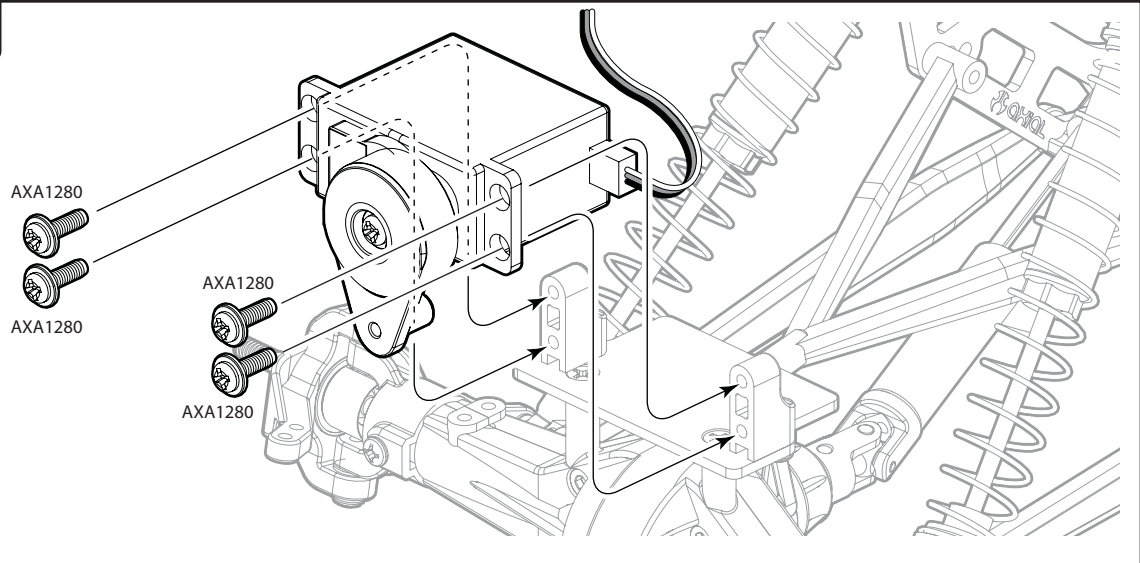
AX80006 **7**  
**23** **Airtronics / JR / KO**

AX80006 **6**  
**24** **Hitec**

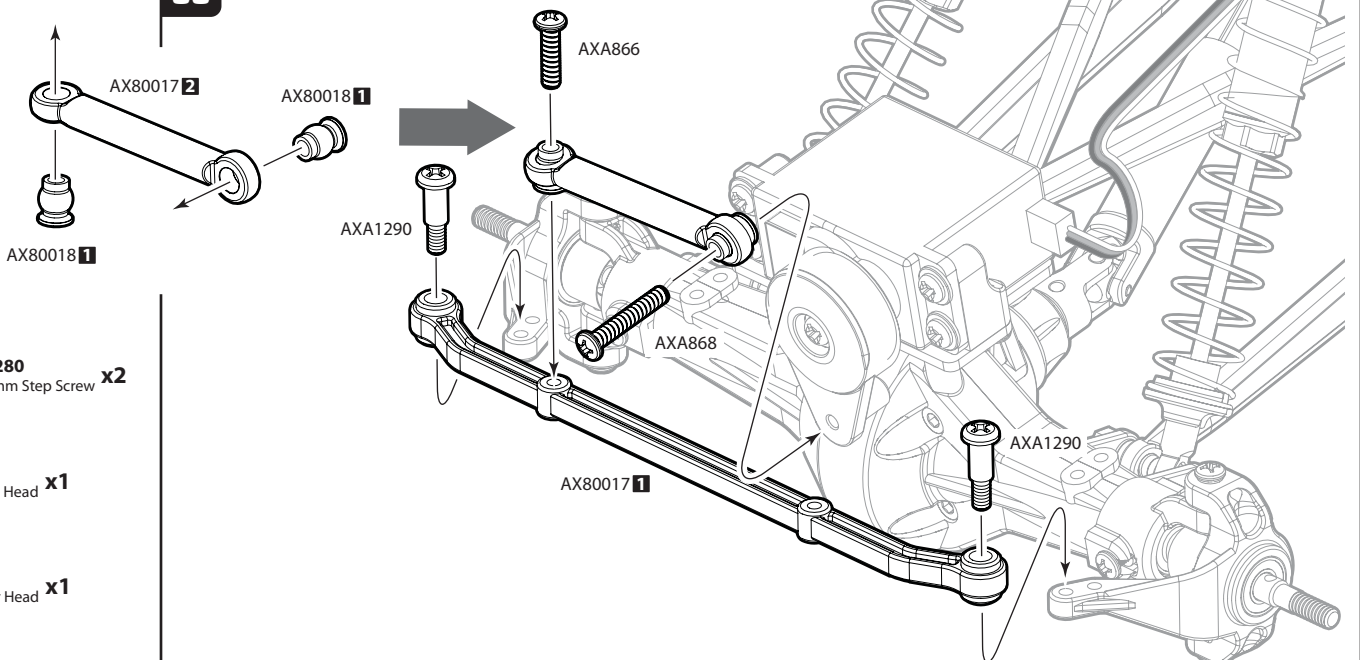
AX80006 **5**  
**25** **Futaba**

**AXA1280**  
M3x10mm Flange Screw **x4**

**32**



**33**

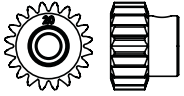


**AXA1280**  
M3x14mm Step Screw **x2**

**AXA866**  
M3x12mm Tapping Binder Head **x1**

**AXA868**  
M3x18mm Tapping Binder Head **x1**

**AXA180**  
M3x3mm Set Screw **x1**

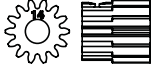


**AX30578**  
Pinion 48DP 20T **x1**

**AXA1070**  
Washer 3x6x0.5 **x2**

**AXA083**  
M3x6mm **x2**

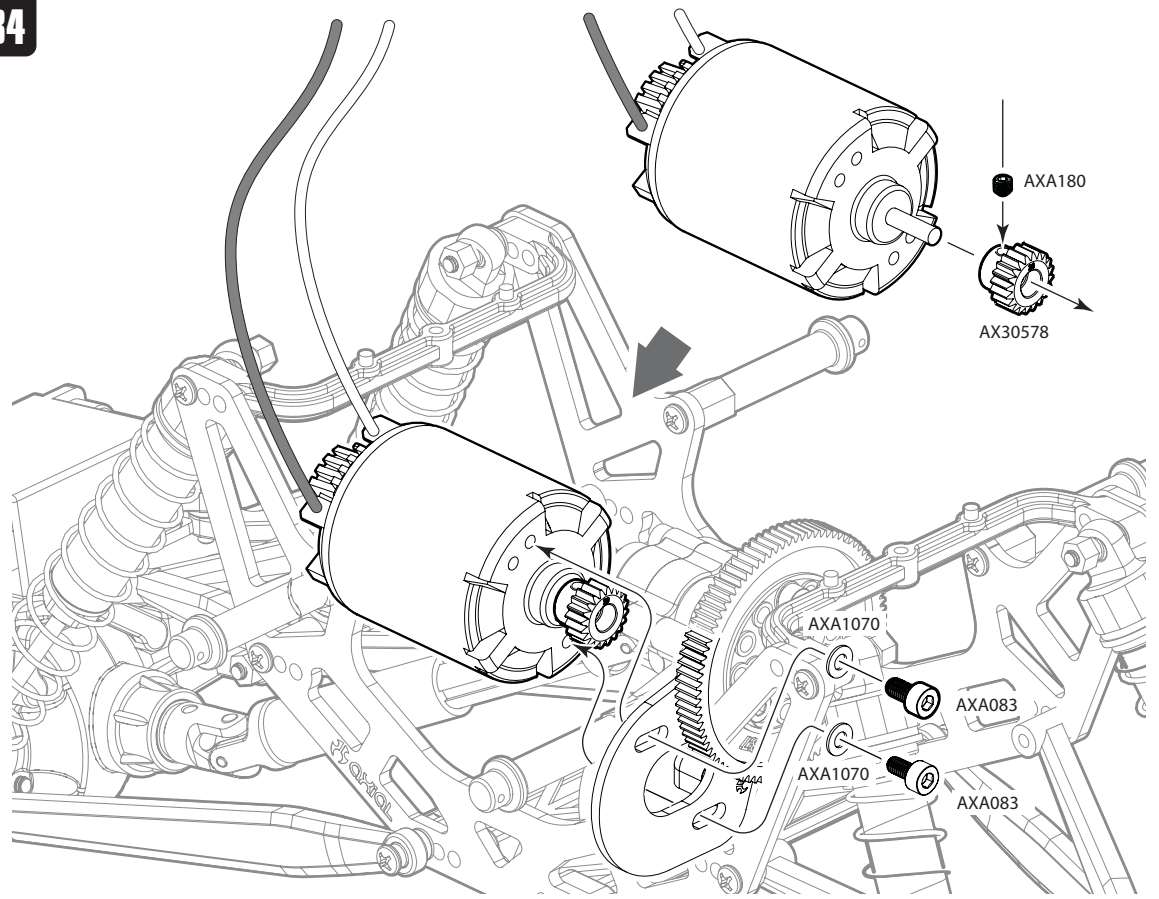
**Tip**



**AX30572**  
Pinion 48DP 14T **x1**

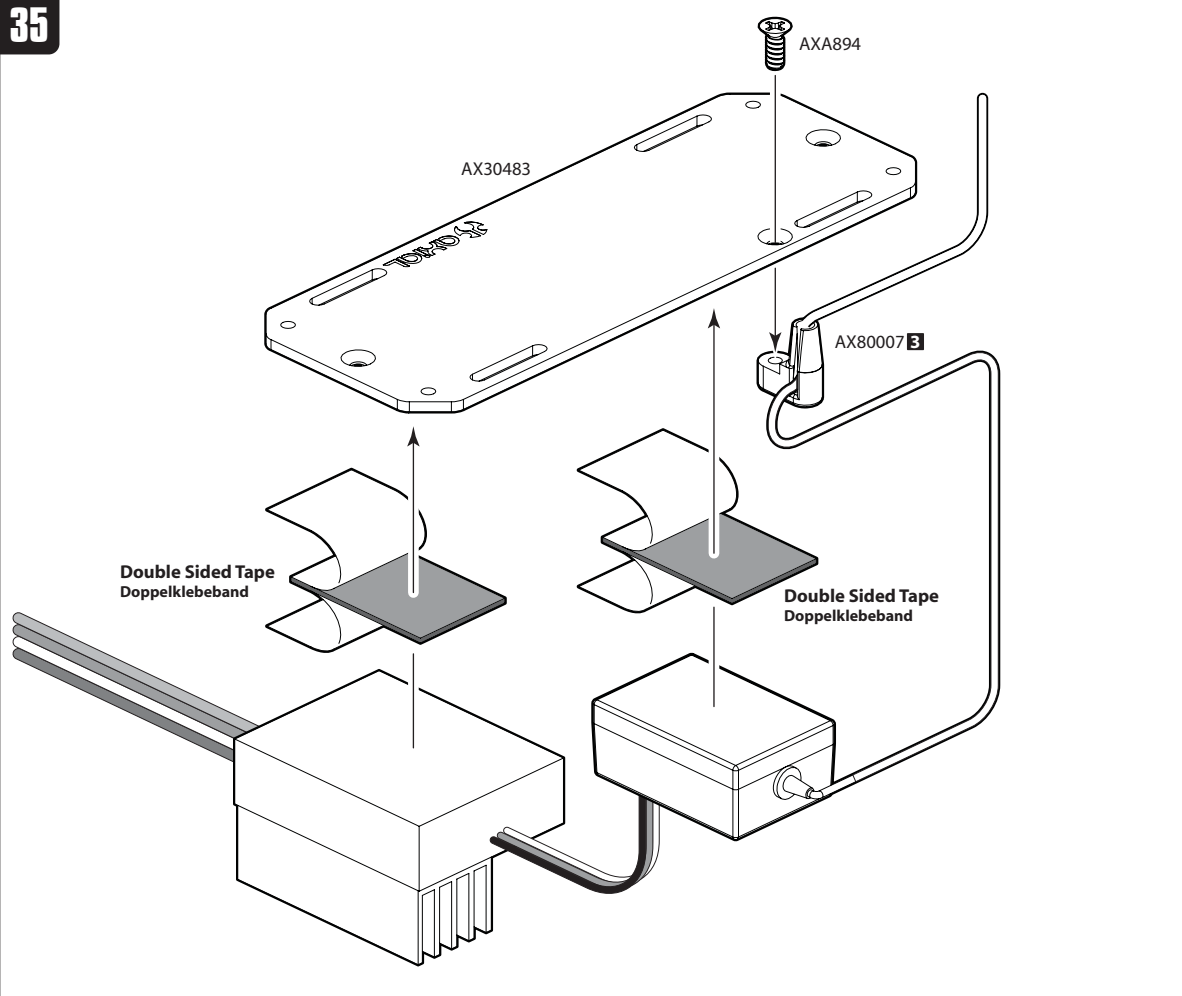
Replace with 14T pinion for better rock crawling ratio.

**34**



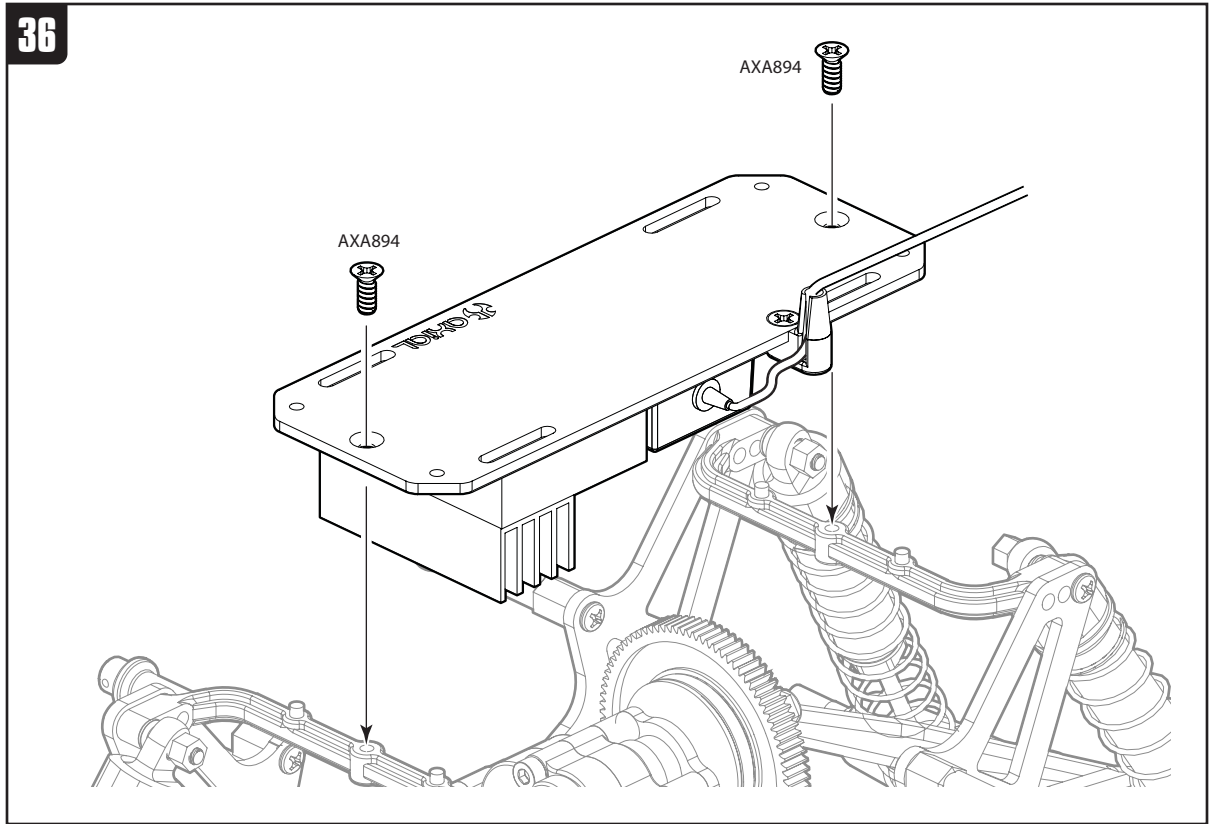
**AXA894**  
M3x8mm Tapping Flat Head **x1**

**35**

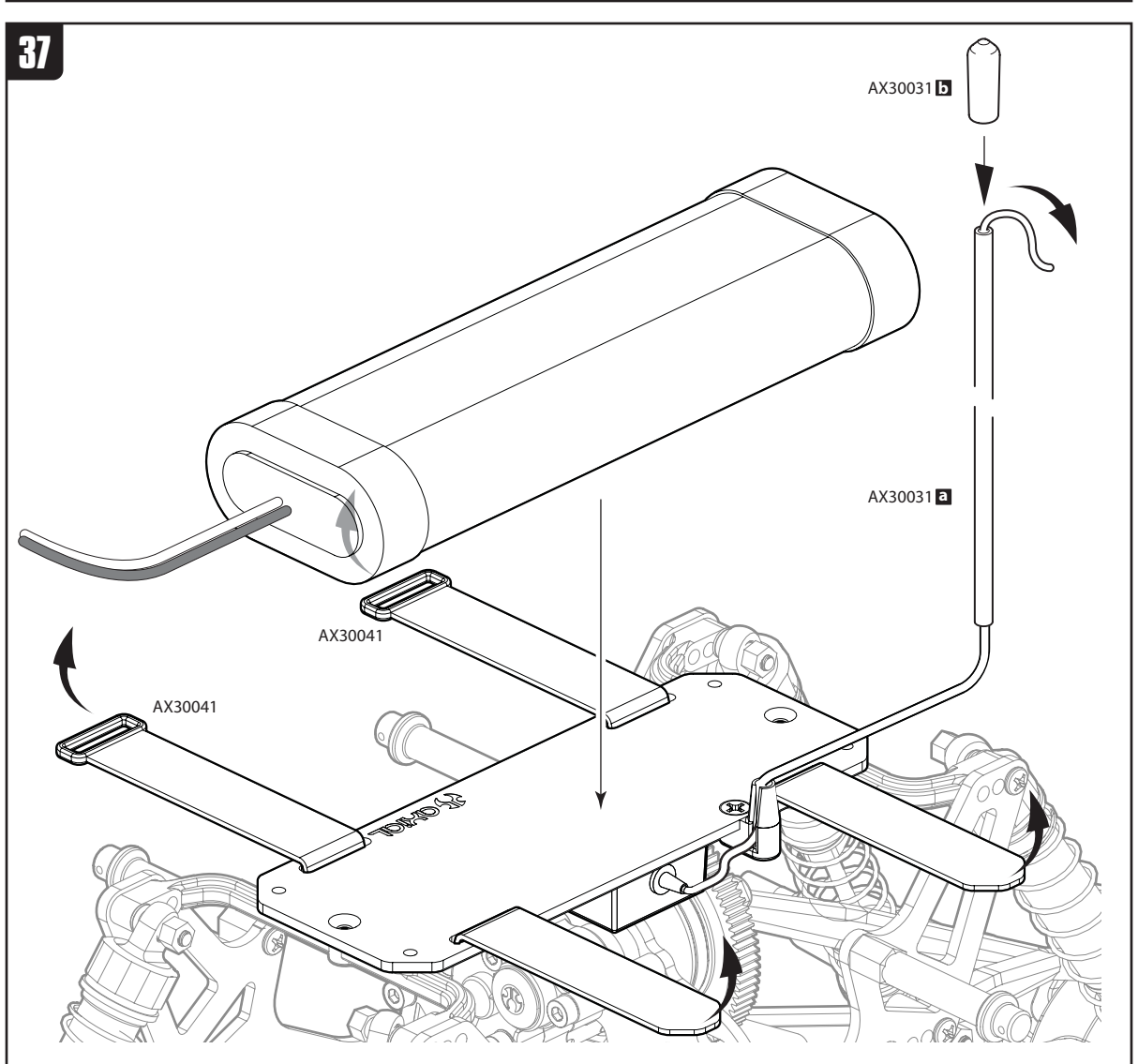




36



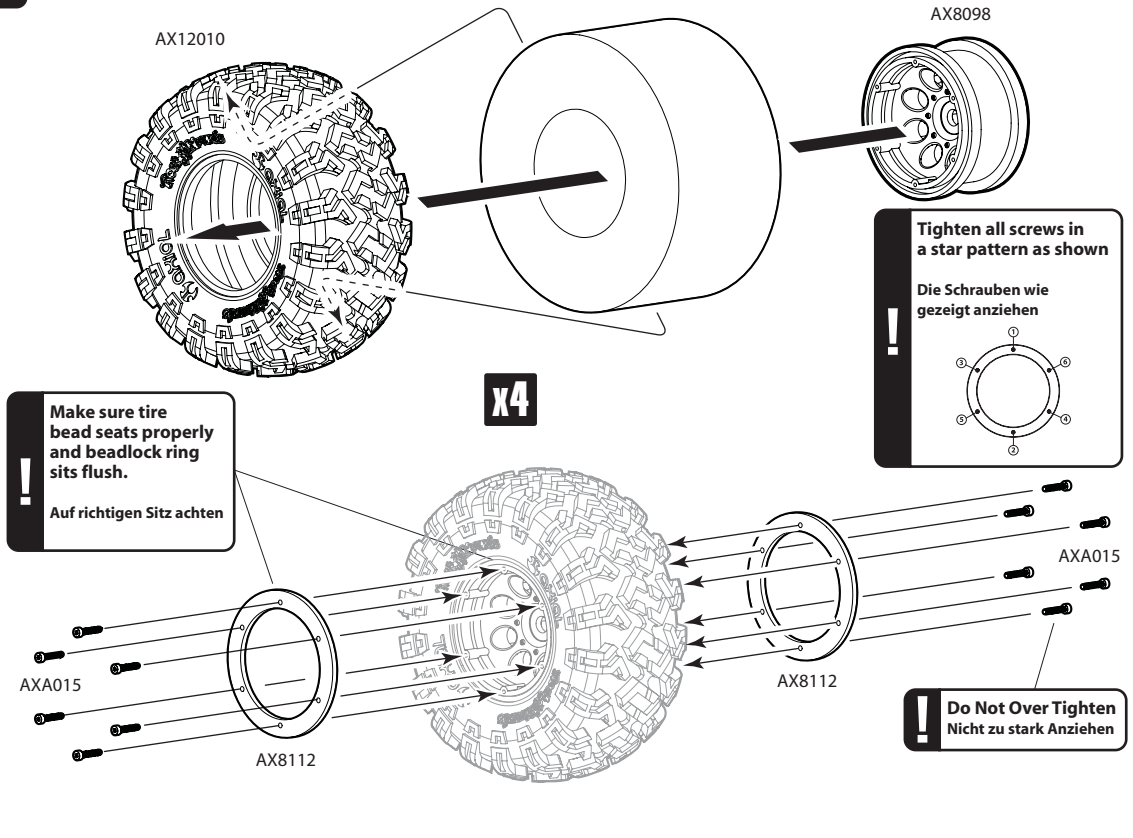
37





AXA015  
M2x10mm x48

38



AXA180  
M3x3mm Set Screw x4

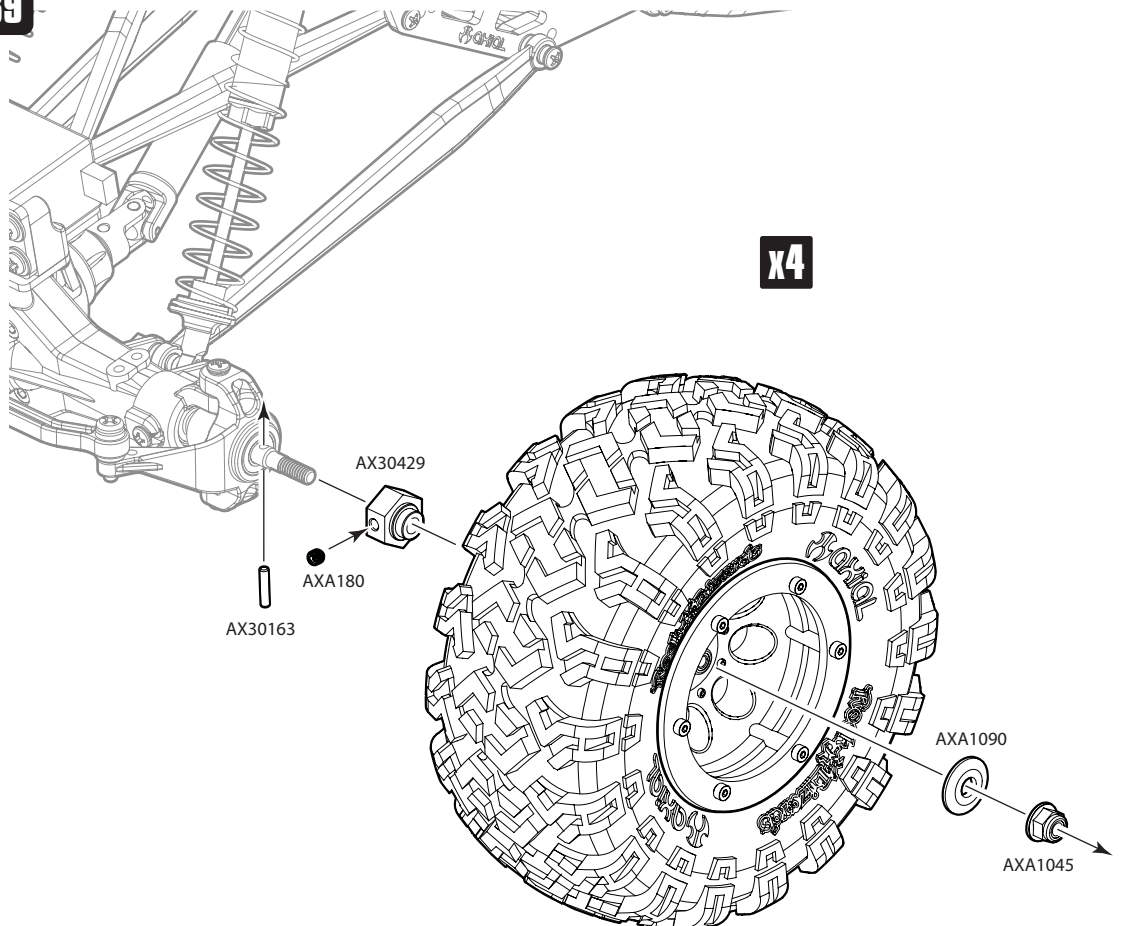
AX30429  
12mm Aluminum Hub x4

AX30163  
Pin 2x10mm x4

AXA1045  
M4 Nylon Lock Nut x4

AXA1090  
Washer 4.8x14 x4

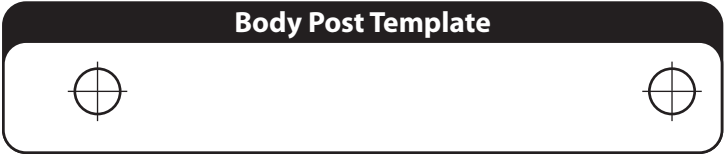
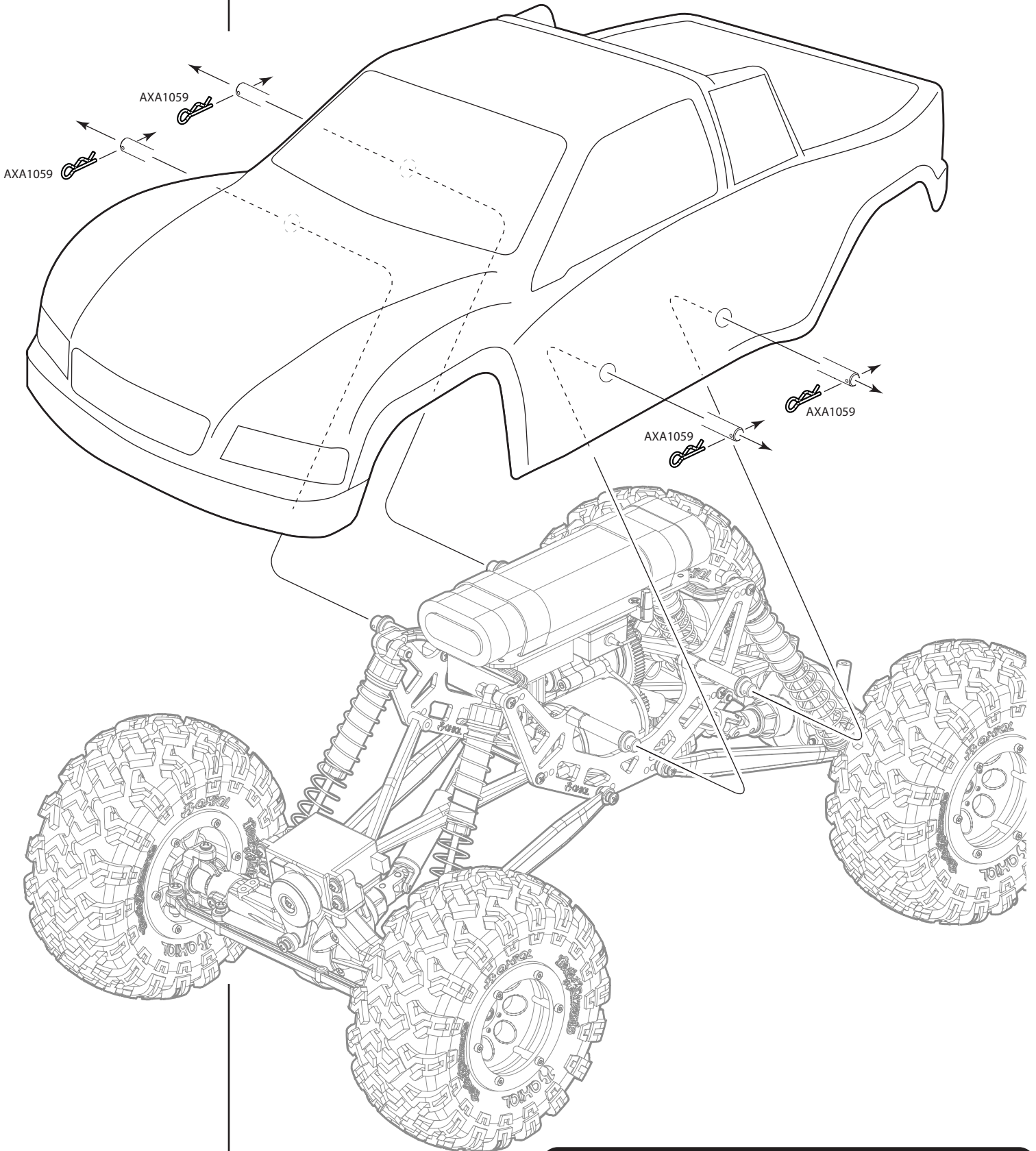
39





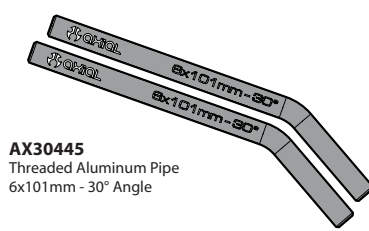
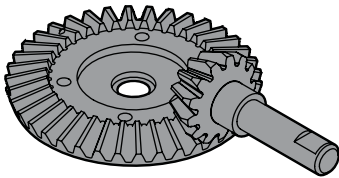
**AXA1059**  
6mm Body Clip **x4**

**40**

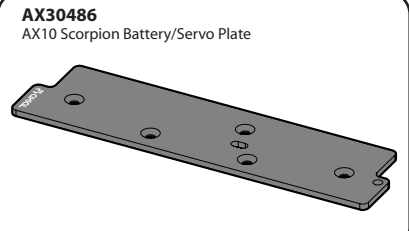


Option Parts

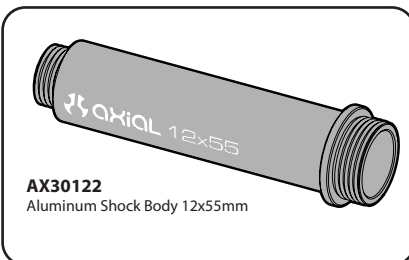
**AX30395**  
Heavy Duty Bevel Gear Set



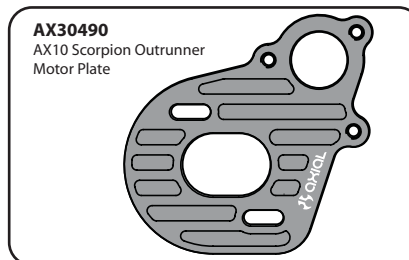
**AX30445**  
Threaded Aluminum Pipe  
6x101mm - 30° Angle



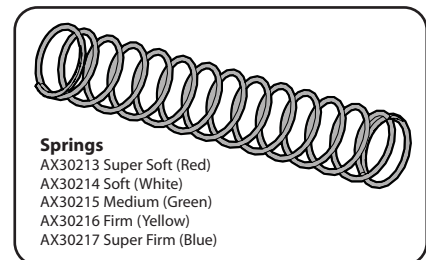
**AX30486**  
AX10 Scorpion Battery/Servo Plate



**AX30122**  
Aluminum Shock Body 12x55mm

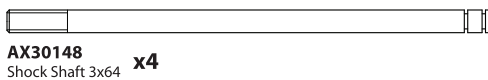


**AX30490**  
AX10 Scorpion Outrunner  
Motor Plate



**Springs**  
AX30213 Super Soft (Red)  
AX30214 Soft (White)  
AX30215 Medium (Green)  
AX30216 Firm (Yellow)  
AX30217 Super Firm (Blue)

Parts Reference / Übersicht aller Teile / Référence des pièces



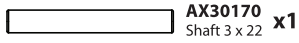
**AX30148**  
Shock Shaft 3x64 **x4**



**AX30162**  
Pin 1.5x8mm **x2**



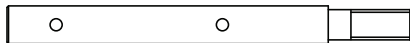
**AX30163**  
Pin 2x10mm **x6**



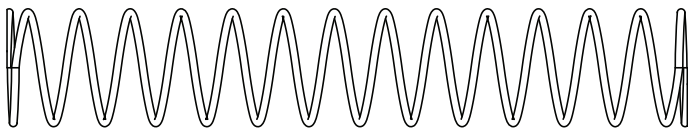
**AX30170**  
Shaft 3 x 22 **x1**



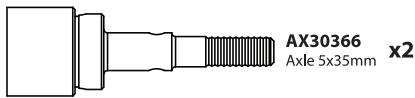
**AX30190**  
Shaft 5x18 **x1**



**AX30198**  
Drive gear Shaft 5x53.5 **x1**



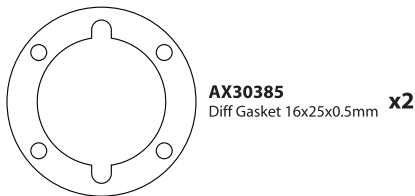
**AX30217**  
Spring 14x90mm 3.01 lbs/in- Super Firm (Blue) **x4**



**AX30366**  
Axle 5x35mm **x2**



**AX30380**  
Metal Driveshaft Yoke **x4**



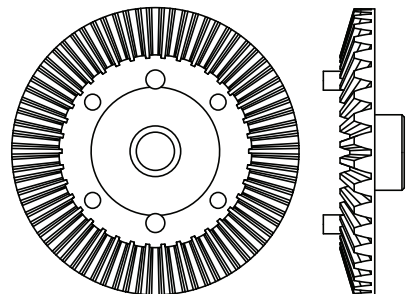
**AX30385**  
Diff Gasket 16x25x0.5mm **x2**



**AX30390**  
10T Bevel Gear **x2**



**AX30390**  
13T Bevel Gear **x2**



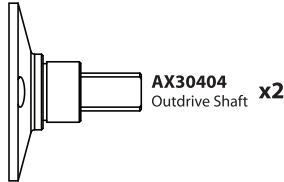
**AX30392**  
38T Bevel Gear **x2**



**AX30392**  
13T Bevel Gear **x2**



**AX30394**  
20T Drive Gear **x1**



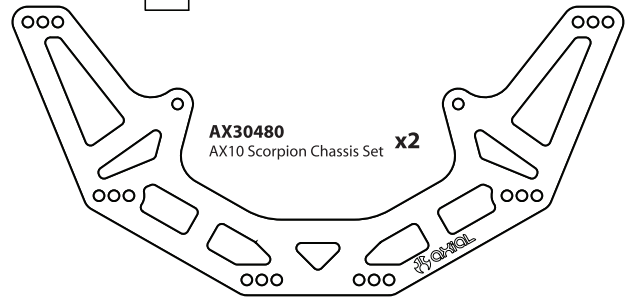
**AX30404**  
Outdrive Shaft **x2**



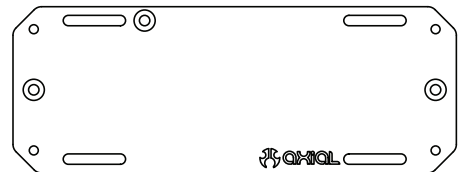
**AX30405**  
Input Shaft 5x28mm **x2**



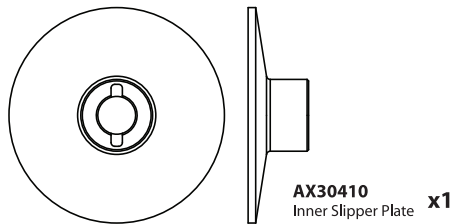
**AX30429**  
12mm Aluminum Hub **x4**



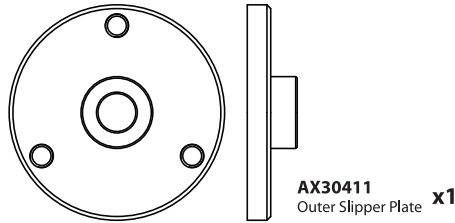
**AX30480**  
AX10 Scorpion Chassis Set **x2**



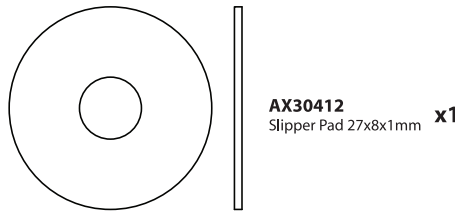
**AX30483**  
AX10 Scorpion Battery Tray **x1**



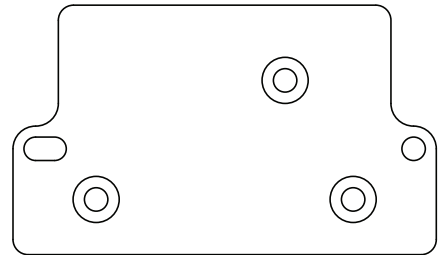
**AX30410**  
Inner Slipper Plate **x1**



**AX30411**  
Outer Slipper Plate **x1**



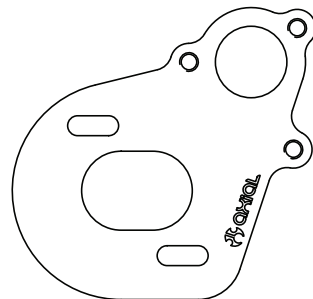
**AX30412**  
Slipper Pad 27x8x1mm **x1**



**AX30485**  
AX10 Scorpion Servo Plate **x1**



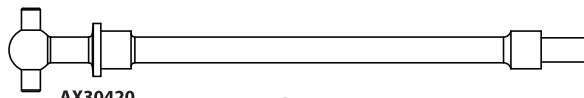
**AX30489**  
5x6.9x4.8 **x1**



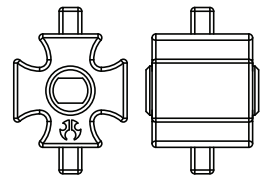
**AX30491**  
Motor Plate **x1**



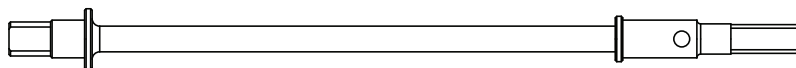
**AX30413**  
Spring 8.5x12 **x1**



**AX30420**  
Solid Axle Dogbone 6x74mm **x2**



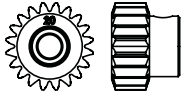
**AX30500**  
Heavy Duty Locker **x2**



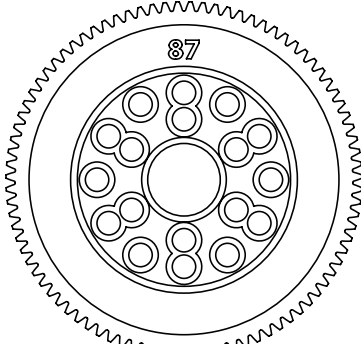
**AX30421**  
Solid Axle Dogbone 6x104.5mm **x2**



**AX30572**  
Pinion 48DP 14T **x1**



**AX30578**  
Pinion 48DP 20T **x1**



**AX30672**  
Spur 48DP 87T **x1**



**AXA013**  
M2x6mm **x3**



**AXA015**  
M2x10mm **x56**



**AXA083**  
M3x6mm **x5**



**AXA087**  
M3x16mm **x4**



**AXA088**  
M3x20mm **x1**



**AXA089**  
M3x25mm **x7**



**AXA1040**  
M3 Thin Hex Nut **x4**



**AXA1045**  
M4 Nylon Lock Nut **x5**



**AXA1053**  
M3 Nylon Locking Hex Nut **x1**



**AXA1059**  
6mm Body Clip **x4**



**AXA1070**  
Washer 3x6x0.5 **x5**



**AX1071**  
Washer 4x8x1mm **x1**



**AXA1090**  
Washer 4.8x14 **x4**



**AXA1091**  
Washer 5x10x.5mm **x1**



**AXA1162**  
O-Ring 5x1mm **x2**



**AXA1186**  
O-Ring 9.5x1.5mm (S10) **x4**



**AXA1201**  
O-Ring 3x2mm (P3) **x8**



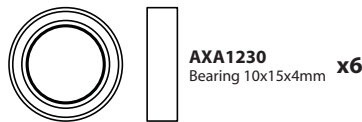
**AXA1218**  
Bearing 5x10x4mm **x4**



**AXA1221**  
Bearing 5x11x4mm **x10**



**AXA1225**  
Bearing 8x16x5mm **x2**



**AXA1230**  
Bearing 10x15x4mm **x6**



**AXA1280**  
M3x10mm Flange Screw **x5**



**AXA1280**  
M3x14mm Step Screw **x2**



**AXA1358**  
Shock Damper 3x7x8 **x4**



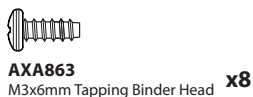
**AXA1392**  
E2 e-clip **x8**



**AXA1393**  
E2.5 e-clip **x2**



**AXA180**  
M3x3mm Set Screw **x5**



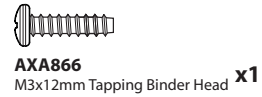
**AXA863**  
M3x6mm Tapping Binder Head **x8**



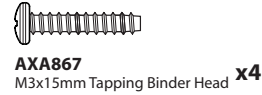
**AXA864**  
M3x8mm Tapping Binder Head **x2**



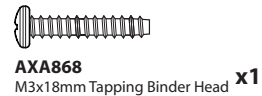
**AXA865**  
M3x10mm Tapping Binder Head **x12**



**AXA866**  
M3x12mm Tapping Binder Head **x1**



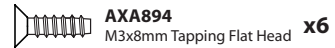
**AXA867**  
M3x15mm Tapping Binder Head **x4**



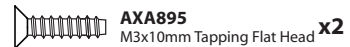
**AXA868**  
M3x18mm Tapping Binder Head **x1**



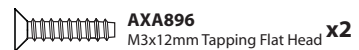
**AXA869**  
M3x20mm Tapping Binder Head **x4**



**AXA894**  
M3x8mm Tapping Flat Head **x6**

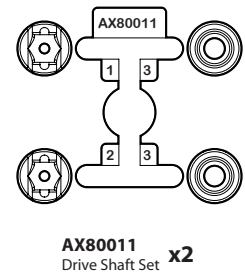
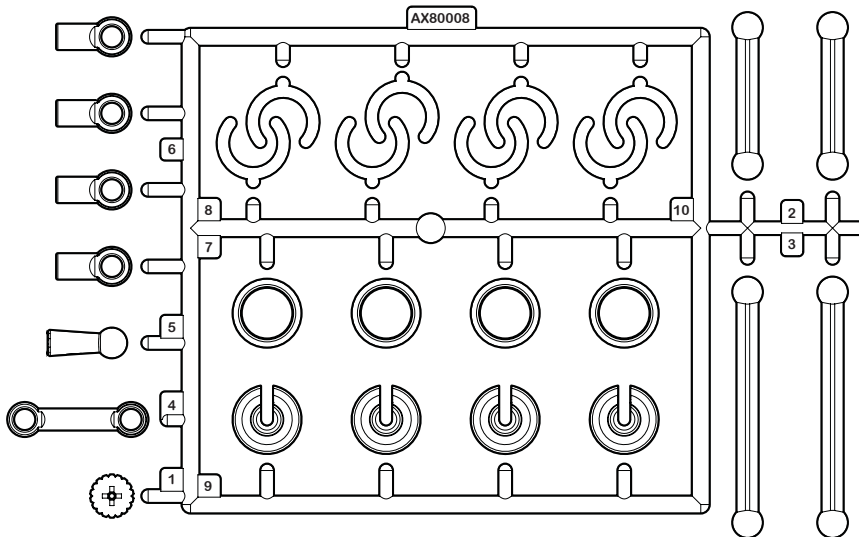
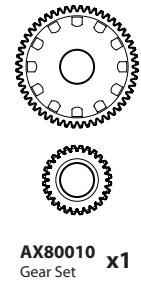
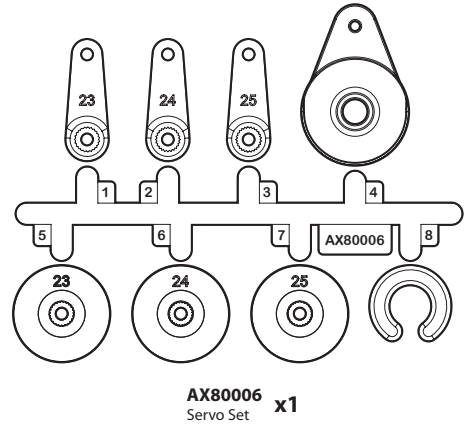
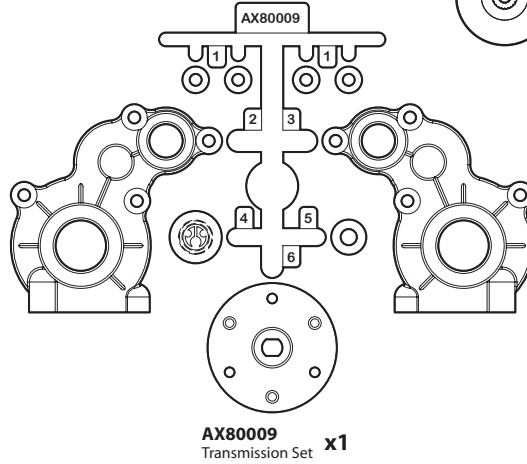
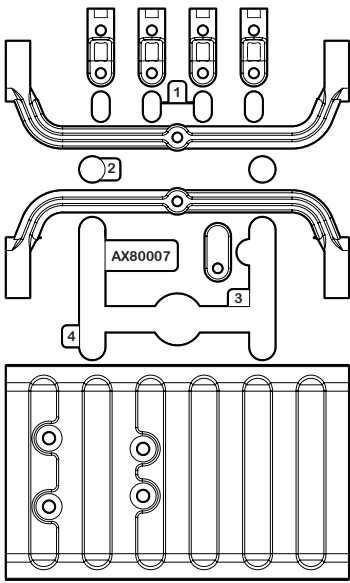
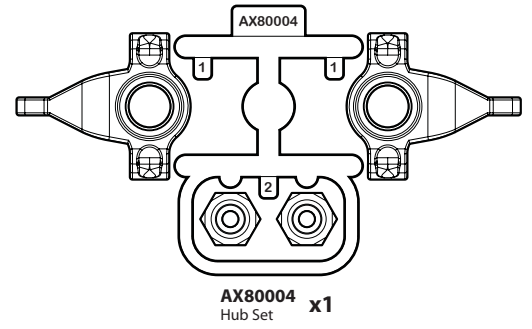
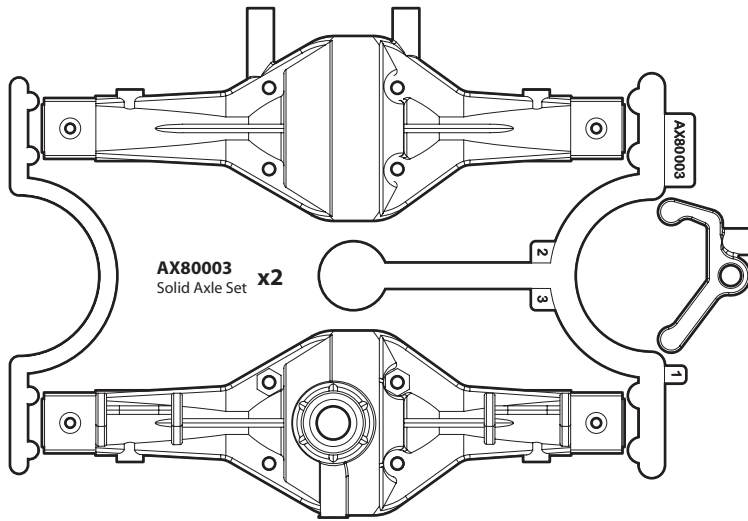


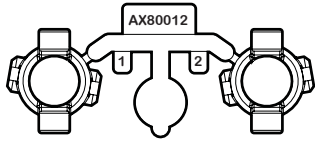
**AXA895**  
M3x10mm Tapping Flat Head **x2**



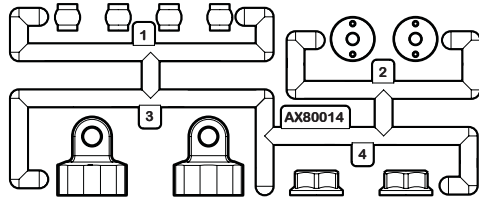
**AXA896**  
M3x12mm Tapping Flat Head **x2**



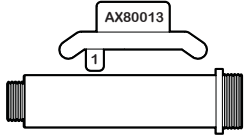




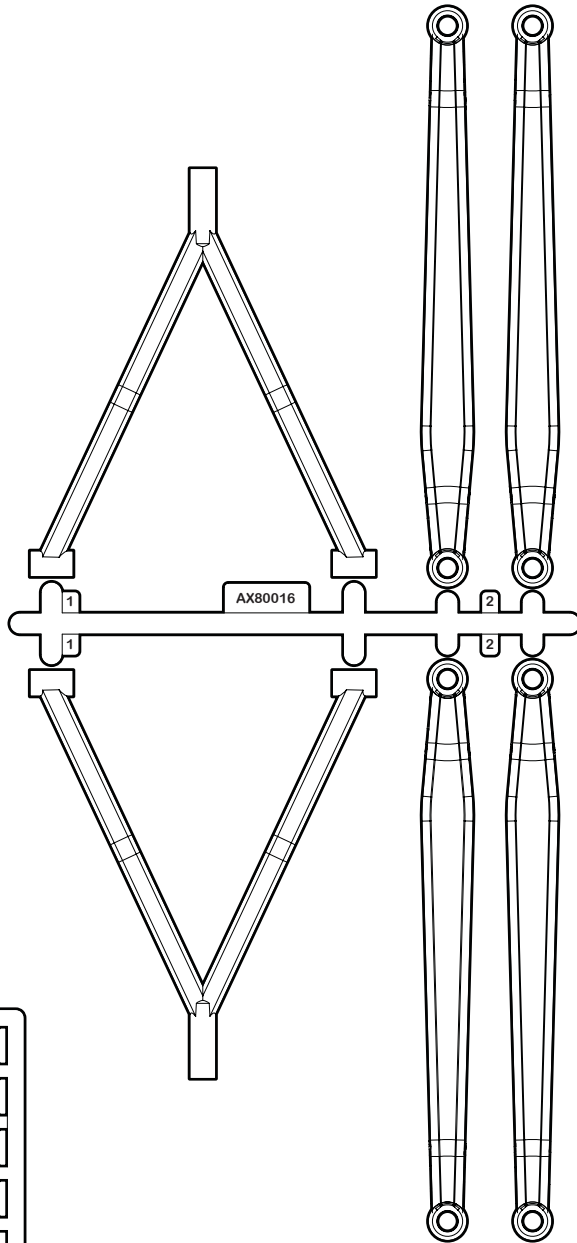
**AX80012**  
C Hub Carrier Set **x1**



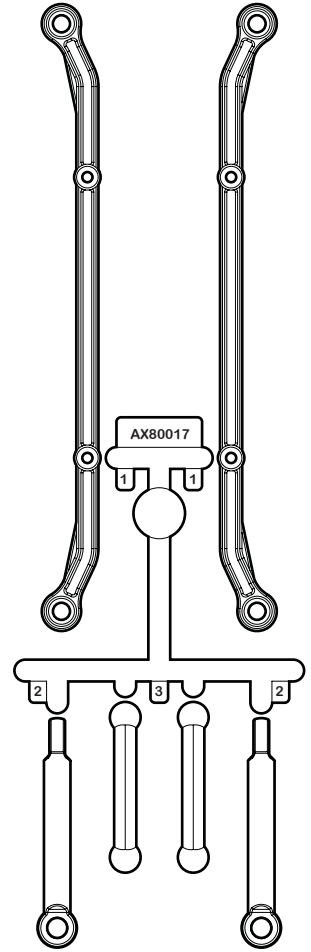
**AX80014**  
Shock Cap Set **x2**



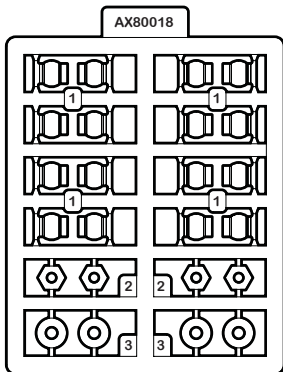
**AX80013**  
80-125 Shock Body Set **x2**



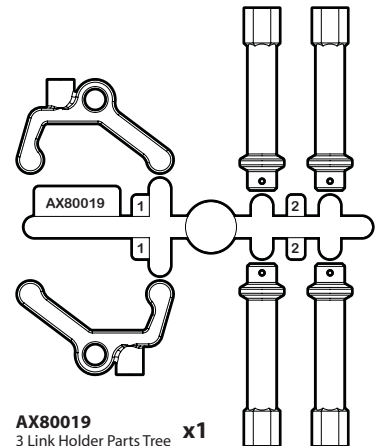
**AX80016**  
Linkage Parts Tree **x1**



**AX80017**  
Steering Link Parts Tree **x1**

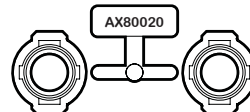


**AX80018**  
Hardware Parts Tree **x2**

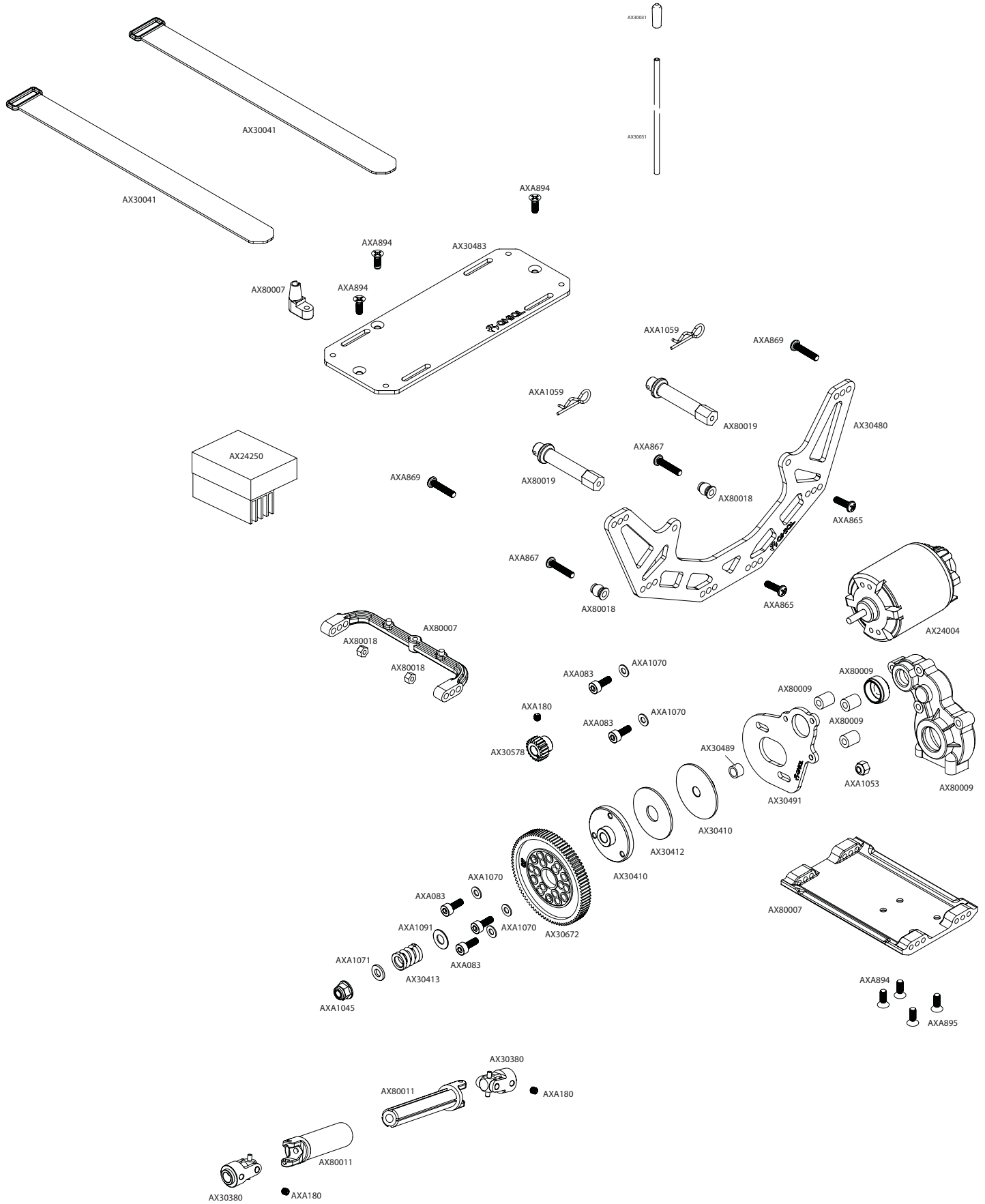


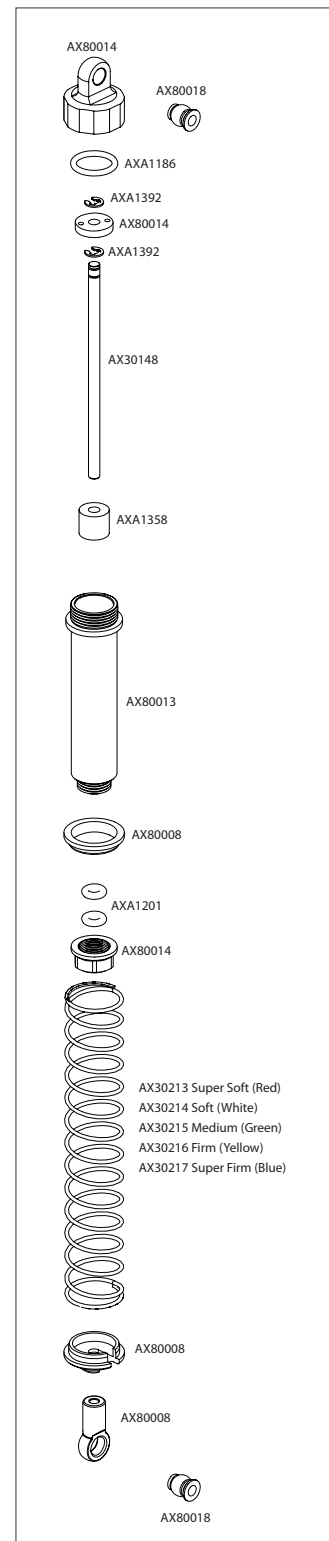
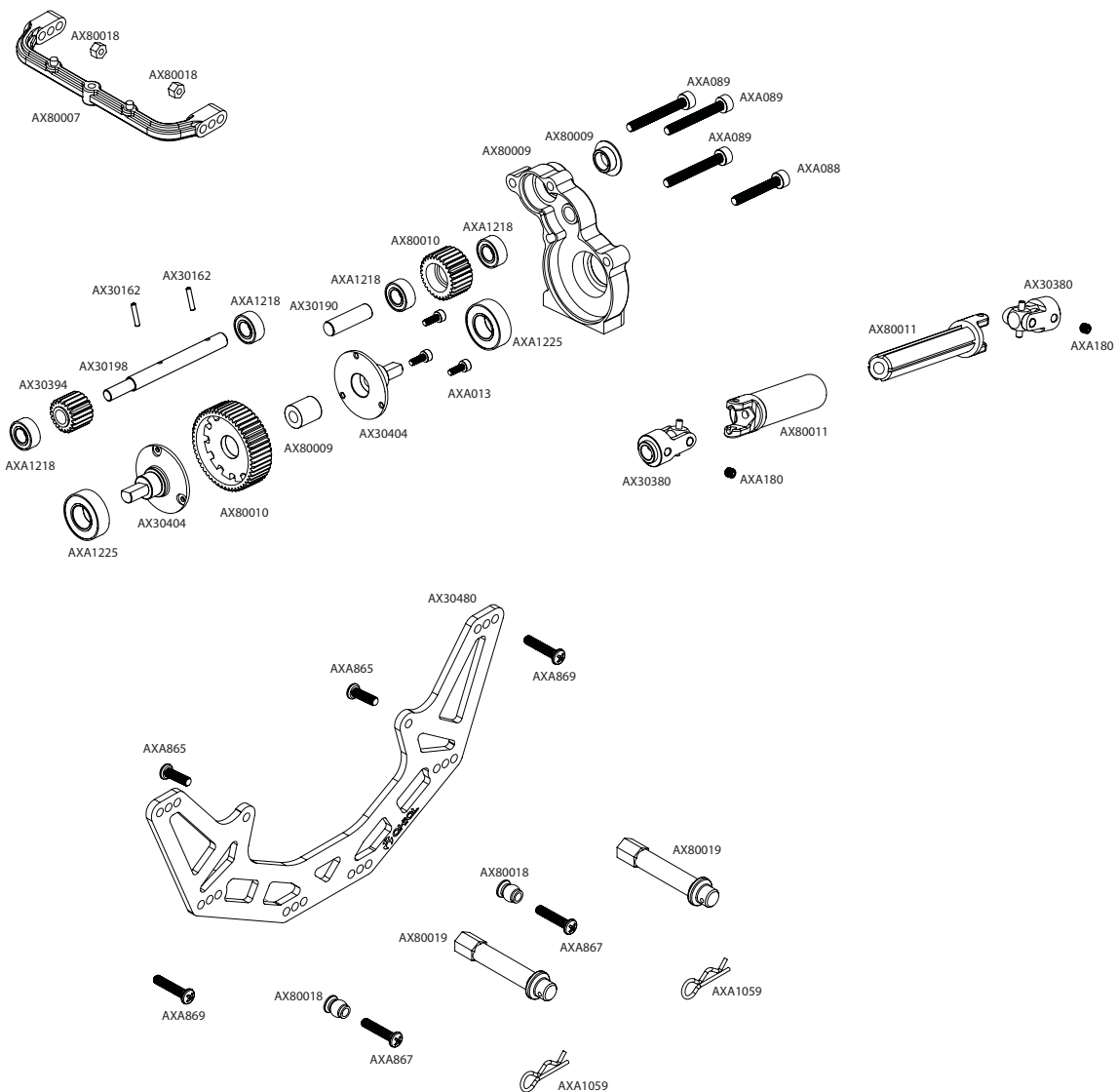
**AX80019**  
3 Link Holder Parts Tree **x1**

**AX80020**  
Straight Axle Adapter Parts Tree **x1**

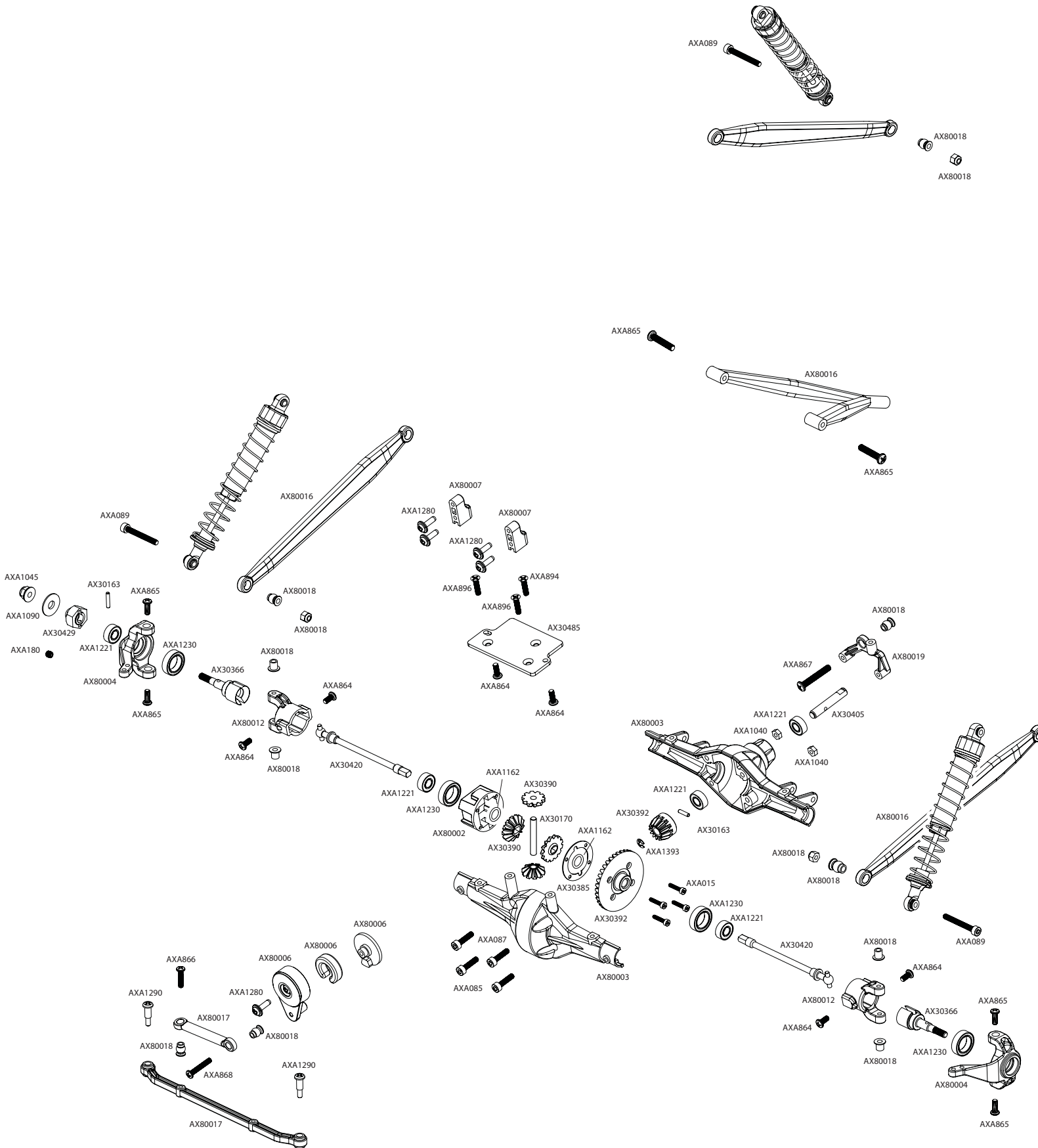


Exploded View / Explosionsansicht / Vue éclatée

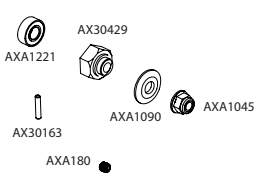
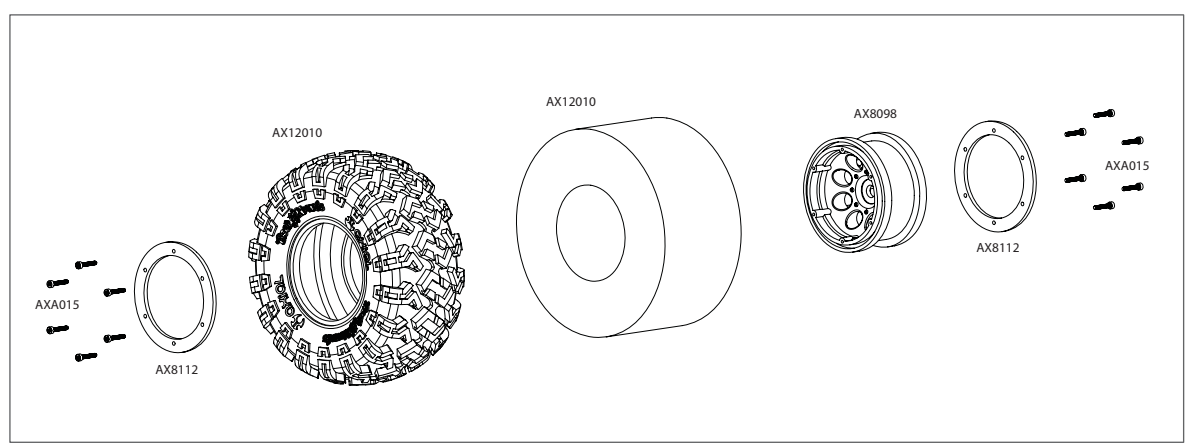
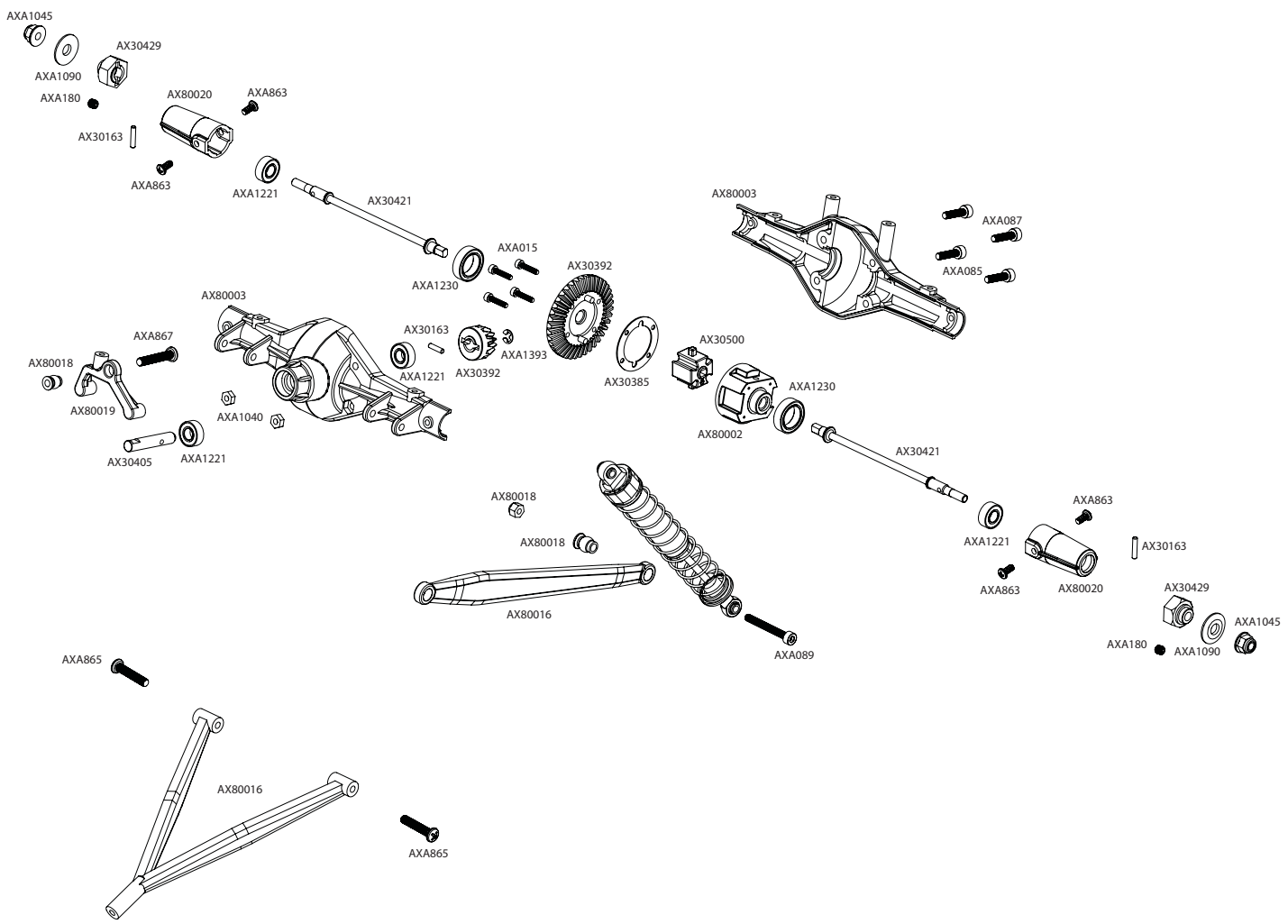




Exploded View / Explosionsansicht / Vue éclatée







## Parts List

Part #	Description	Part #	Description
AX12010	Axial 2.2 Rock Lizards Tire	AX8112	2.2 Beadlock Ring (Grey) (2pcs)
AX30041	Velcro Strap 15x170mm	AXA013	M2x6mm Cap Head (Black Oxide) (10pcs)
AX30148	Shock Shaft 3x64	AXA015	M2x10mm Cap Head (Black Oxide) (10pcs)
AX30162	Pin 1.5x8mm (6pcs.)	AXA083	M3x6mm Cap Head (Black Oxide) (10pcs)
AX30163	Pin 2.0x10 (6pcs.)	AXA086	M3x12mm Cap Head (Black Oxide) (10pcs)
AX30170	Shaft 3 x 22 (2pcs.)	AXA087	M3x16mm Cap Head (Black Oxide) (10pcs)
AX30190	Shaft 5x18 (2pcs.)	AXA088	M3x20mm Cap Head (Black Oxide) (10pcs)
AX30198	Slipper Drive gear Shaft 5x53.5	AXA089	M3x25mm Cap Head (Black Oxide) (10pcs)
AX30217	Spring 14x90mm 3.01 lbs/in- Super Firm (Blue)	AXA1040	M3 Thin Hex Nut (BLACK) (10pcs)
AX30366	Axle 5x35mm	AXA1045	M4 Nylon Lock Nut (Black) (10pcs)
AX30380	Metal Driveshaft Yoke	AXA1053	M3 Nylon Locking Hex Nut (BLACK) (10pcs)
AX30385	Diff Gasket 16x25x0.5mm	AXA1059	6mm Body clip (Black) (10pcs)
AX30390	Differential Gear Set	AXA1070	Washer 3x6x0.5 (10pcs)
AX30392	Bevel Gear Set (38/13)	AXA1071	Washer 4x8x0.5mm (10pcs)
AX30394	20T Drive Gear	AXA1090	Washer 4.8x14 (Black) (4pcs)
AX30404	Outdrive Shaft (2pcs)	AXA1091	Washer 5x10x.5 (Black) (10pcs)
AX30405	Input Shaft 5x28mm (2pcs)	AXA1162	O-Ring 5x1mm (10pcs)
AX30410	Inner Slipper Plate	AXA1186	O-Ring 9.5x1.5mm (S10) (10pcs)
AX30411	Outer Slipper Plate	AXA1201	O-Ring 3x2mm (P3) (10pcs)
AX30412	Slipper pad 27x8x1mm	AXA1218	Bearing 5x10x4mm
AX30413	Slipper spring 8.5x12 165 lbs/in - Black (2pcs)	AXA1221	Bearing 5x11x4mm
AX30420	Solid Axle Dogbone 6x74mm	AXA1225	Bearing 8x16x5mm
AX30421	Straight Axle 6x104.50mm	AXA1230	Bearing 10x15x4mm
AX30429	12mm Aluminum Hub (Black)	AXA1280	M3x10mm Servo Flange Screw
AX30480	AX10 Scorpion Chassis Set	AXA1290	Step Screw M3x4x14mm (6pcs)
AX30483	AX10 Scorpion Radio Plate	AXA1358	Shock Damper 3x7x8 (10pcs)
AX30485	AX10 Scorpion Servo Plate	AXA1392	E2 e-clip (10pcs)
AX30489	Transmission Spacer 5x6.9x4.8mm	AXA1393	E2.5 e-clip (10pcs)
AX30491	AX10 RTR Motor Plate	AXA180	M3x3mm Set Screw (Black Oxide) (10pcs)
AX30500	Heavy Duty Locker	AXA863	M3x6mm Tapping Binder Head (Black Oxide) (10pcs)
AX30572	Pinion 48DP 14T	AXA864	M3x8mm Tapping Binder Head (Black Oxide) (10pcs)
AX30578	Pinion 48DP 20T	AXA865	M3x10mm Tapping Binder Head (Black Oxide) (10pcs)
AX30672	Spur 48DP 87T	AXA866	M3x12mm Tapping Binder Head (Black Oxide) (10pcs)
AX4017	Baja Buzzard Truck Body - .040" (Pre-printed) - Green	AXA867	M3x15mm Tapping Binder Head (Black Oxide) (10pcs)
AX80002	Diff Case -Small	AXA868	M3x18mm Tapping Binder Head (Black Oxide) (10pcs)
AX80003	Solid Axle Set	AXA869	M3x20mm Tapping Binder Head (Black Oxide) (10pcs)
AX80004	Hub Set	AXA894	M3x8mm Tapping Flat Head (Black Oxide) (10pcs)
AX80006	Servo Set	AXA895	M3x10mm Tapping Flat Head (Black Oxide) (10pcs)
AX80007	Radio/Transmission Mounting Set	AXA896	M3x12mm Tapping Flat Head (Black Oxide) (10pcs)
AX80008	Shock Parts Set	<b>Electronics</b>	
AX80009	Transmission Set	AX24250	AE-1 Forward/Reverse ESC
AX80010	Gear Set	AX24004	AM27 540 Electric Motor (27T)
AX80011	Drive Shaft Set	<b>Option parts/upgrades</b>	
AX80012	C Hub Carrier Set	AX12011	Axial 2.2 Rock Lizards Tires (Race Compound)
AX80013	80-125 Shock Body Set	AX30122	Aluminum Shock Body 12x55mm (2pcs.)
AX80014	Shock Cap Set	AX30213	Spring 14x90mm 1.32 lbs/in - Super Soft (Red)
AX80016	Linkage Parts Tree	AX30214	Spring 14x90mm 1.71 lbs/in - Soft (White)
AX80017	Steering Link Parts Tree	AX30215	Spring 14x90mm 2.25 lbs/in - Medium (Green)
AX80018	Hardware Parts Tree	AX30216	Spring 14x90mm 2.78 lbs/in - Firm (Yellow)
AX80019	3 Link Holder Parts Tree	AX30217	Spring 14x90mm 3.01 lbs/in- Super Firm (Blue)
AX80020	Straight Axle Adapter Parts Tree	AX30395	Heavy Duty Bevel Gear - 38T
AX8098	2.2 8 hole Beadlocks	AX30441	Threaded Aluminum Pipe 6x106mm (2pcs.)

Part #	Description	Part #	Description
AX30442	Threaded Aluminum Pipe 6x33mm (2pcs)	AX8092	Axial 2.2 Rockster Beadlocks (Chrome)
AX30443	Threaded Aluminum Pipe 6x98mm (2pcs)	AX8093	Axial 2.2 Rockster Beadlocks (Black Chrome)
AX30445	High Clearance Links - 6x101mm - 30 degree Angle (2pcs)	AX8096	2.2 8 Hole Beadlocks (White)
AX30482	AX10 Scorpion Motor Plate	AX8097	2.2 8 Hole Beadlocks (Black)
AX30486	Optional AX10 Scorpion Battery/Servo Plate	AX8098	2.2 8 Hole Beadlocks (Satin Chrome)
AX30492	AX10 Scorpion Rear Steer Kit	AX8099	2.2 8 Hole Beadlocks (Black Chrome)
AX30493	Driveshaft Ring - Grey (2pcs)	AX8110	2.2 Beadlock Ring (Green)
AX30494	Aluminum Rear Axle Lockout (2pcs)	AX8111	2.2 Beadlock Ring (Purple)
AX4000	Axial War Wagon Truck Body .060 Pre-Cut Clear	AX8112	2.2 Beadlock Ring (Blue)
AX4001	Axial Baja Buzzard Truck Body .060 Pre-Cut Clear	AX8113	2.2 Beadlock Ring (Red)
AX4002	Axial Diablo Truck Body .060 Pre-Cut Clear	AX8114	2.2 Beadlock Ring (Grey)
AX4004	B-17 Betty Truck Body (Clear)	AX8115	2.2 Rock Beadlock Ring (Green)
AX4007	B-17 Betty Truck Body .040"-uncut (Clear)	AX8116	2.2 Rock Beadlock Ring (Purple)
AX4008	Axial Baja Buzzard Truck Body - .040" (Clear)	AX8117	2.2 Rock Beadlock Ring (Blue)
AX4016	34 Rat Rod Truck - .060" (Clear)	AXA1319	2.2 Rock Beadlock Ring (Red)
AX4018	Baja Buzzard Truck Body - .040" (Pre-printed) - Orange	AXA1331	2.2 Rock Beadlock Ring (Grey)
AX4019	Baja Buzzard Truck Body - .040" (Pre-printed) - Blue	AXA186	M3x16mm Set Screw (Black Oxide) (10pcs)
AX80005	Linkage Set		
AX80015	3 Link Connector		
AX8090	Axial 2.2 Rockster Beadlocks (White)		
AX8091	Axial 2.2 Rockster Beadlocks (Black)		

## Warranty Info

### Axial Limited Warranty (USA)

Your Axial product is warranted to be free of defects in materials and workmanship when new. This warranty does not cover damages due to normal wear and tear, user's failure to perform routine maintenance, user error of assembly or installation, user modifications, addition of aftermarket parts or option parts. This warranty lasts as long as the original purchaser owns the product, and is not transferable (Verified by dated itemized sales receipt). In the event of a defect under this warranty, Axial will, at our discretion, repair or replace the product, provided our inspection indicates that an original defect exists. Axial reserves the right to replace any product which is no longer available with a product of comparable value and function. If Axial determines the repair is not covered under warranty guidelines, there could be a charge applied for the repair and return shipping charges.

### International Customers Warranty

Please return product to the dealer where the purchase was made. If your Axial product purchase was made through an on-line retailer, any warranty issues must be taken care of by that retailer. Axial assumes no responsibility for Axial products sold internationally by on-line retailers.

### Service

If you need service on your Axial product here are some simple steps to follow when sending in product in for Warranty/ Repair.

#### STEP 1:

Contact Axial Customer Service at 949-600-8642 Ext: 206 to receive a Return Merchandise Number (RMA#). **Note:** Axial requires the RMA# to be placed on the return merchandise box when shipped to Axial.

#### STEP 2:

Please write a short note explaining the issue you experienced with the product.

#### STEP 3:

Include your return address with a daytime phone number and /or e-mail address.

#### STEP 4:

Please include a Money Order in the amount \$10.00 made payable to Axial for return shipping costs although If product is found to be under Axial Warranty coverage, the \$10.00 will be refunded to you.

**PLEASE NOTE:** Tuning issues are not covered under the Axial Warranty and shipping fee's do apply.

Please allow 5-10 working days for product to be returned. Axial ships using United Postal Service Priority mail or UPS Ground. Any expedited shipping must be arranged and prepaid by customer. Axial will not be responsible for lost or damaged packages.



[www.axialracing.com](http://www.axialracing.com)

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