

YETI XL

MONSTER BUGGY

1/8th SCALE ELECTRIC 4WD • BUILD-IT-YOURSELF KIT VERSION



 **axial**®

www.axialracing.com



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, Personen schäden 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.

Contrôler 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.
- Être sûr de garder votre modèle de R/C nettoie et libère de terre et la graisse supplémentaires, ceci augmentera la vie.

Equipment needed / Benötigtes Zubehör / Equipement nécessaire

Radio Gear / Fernsteueranlage / Equipement Radio

Radio control system

• You will need a 2-Channel radio system with one servo, receiver, an electronic speed control with an ON/OFF switch.

Fernsteueranlage

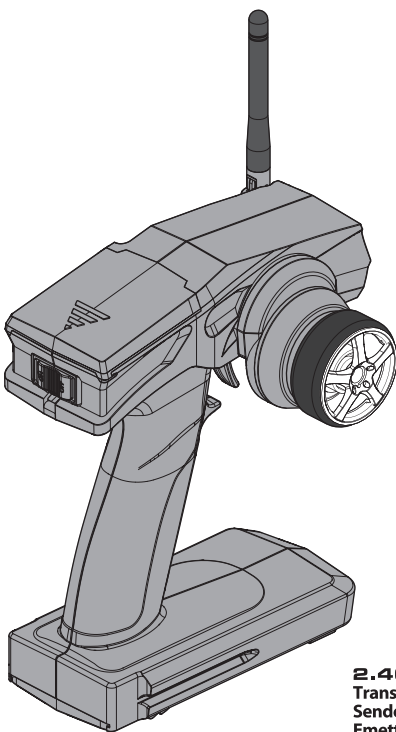
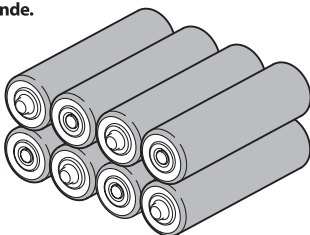
• Sie werden ein 2-Kanal Radio System mit einem Servo, Empfänger, eine elektronische Geschwindigkeitssteuerung mit einem Netzschalter brauchen.

Ensemble radiocommande

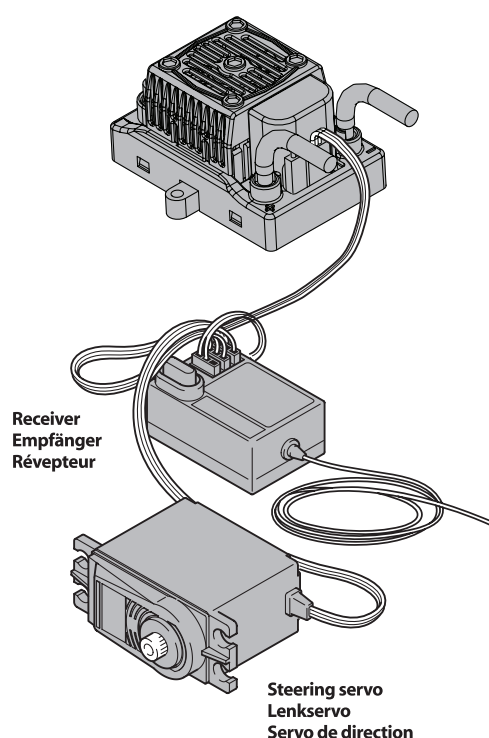
• Vous aurez besoin d'un système de radio de 2 Chaines avec un servo, le récepteur, un contrôle de vitesse électronique avec un interrupteur (on-off).

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

8x



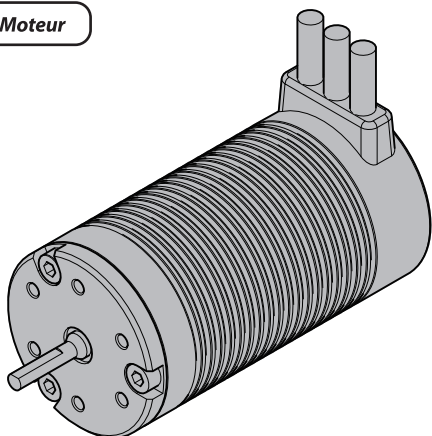
2.4GHz
Transmitter
Sender
Emetteur



Receiver
Empfänger
Récepteur

Steering servo
Lenkservo
Servo de direction

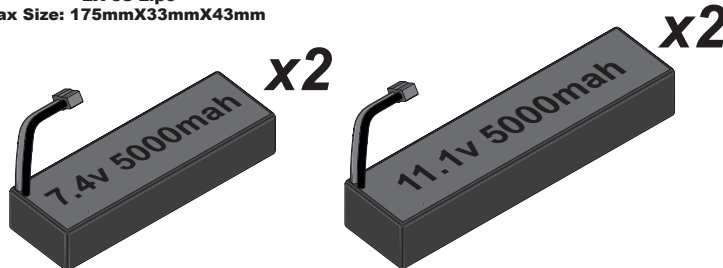
Motor / Motoren / Moteur



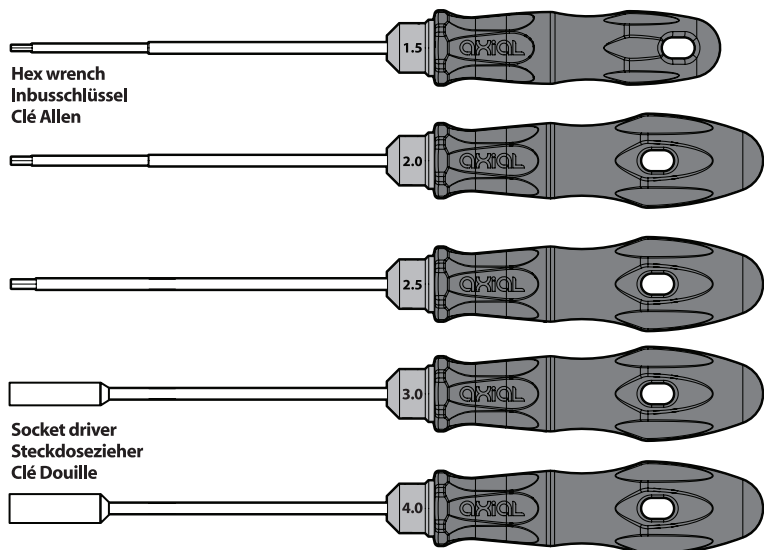
Battery / Akku / Batterie

Battery / Akku / Batterie

STANDARD 2X 2S Lipo
2X 3S Lipo
Max Size: 175mmX33mmX43mm

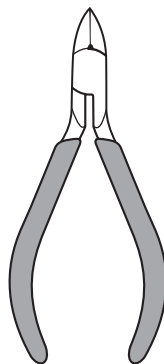


Tools Recommended / Benötigte Werkzeuge / Outillage

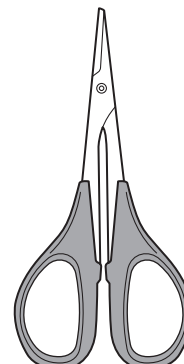


Hex wrench
Inbusschlüssel
Clé Allen

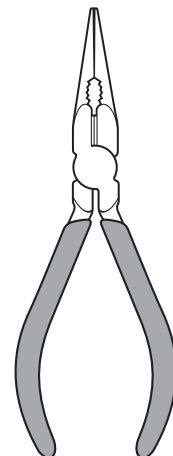
Socket driver
Steckdosezieher
Clé Douille



Side cutter
Seitenschneider
Pinces coupantes

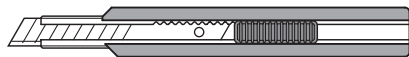


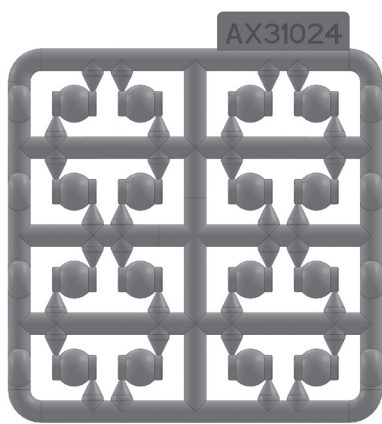
Curved scissors
Schere
Ciseaux



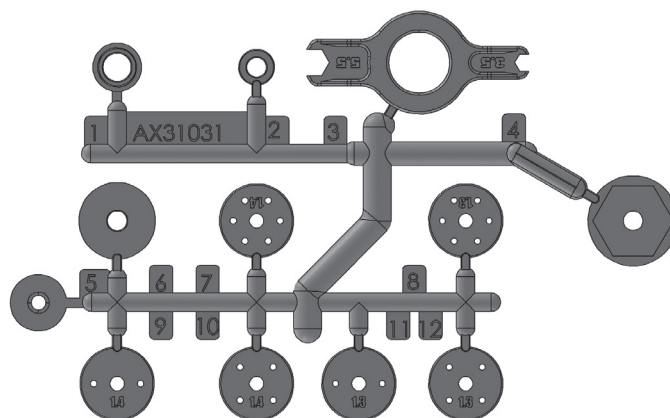
Long nose pliers
Flachzange
Pinces à becs longs

Modeling knife
Modelliermesser
Couteau de modéliste

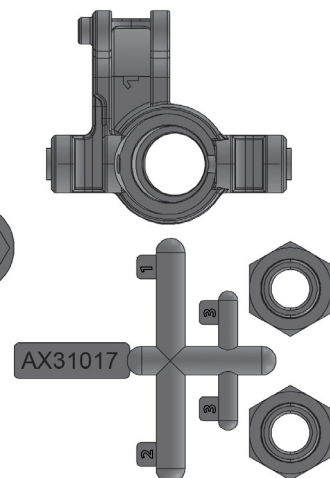




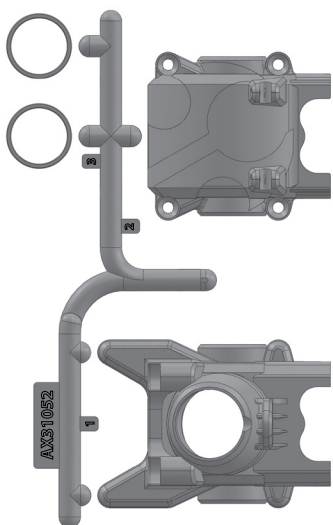
AX31024
Rod End Ball Set (6.8x8x3mm) **x4**



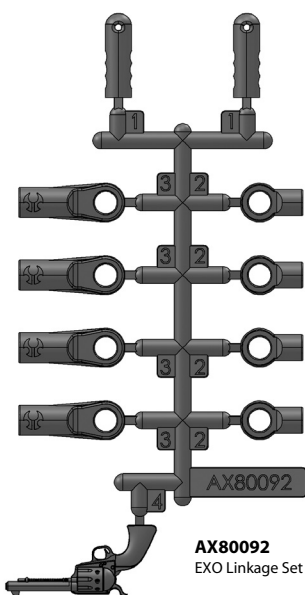
AX31031
Big Bore Shock Parts and Piston (16mm) **x4**



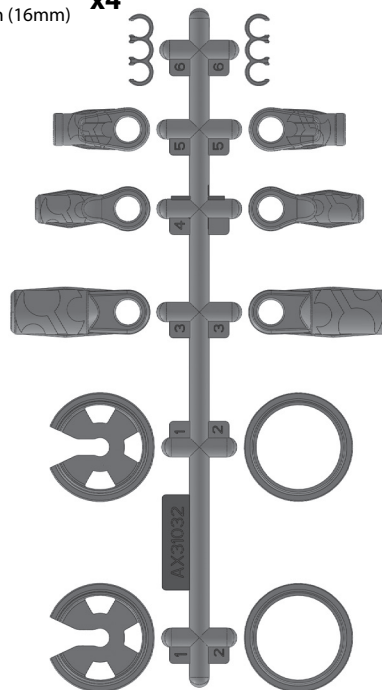
AX31017
MT Front Hubs



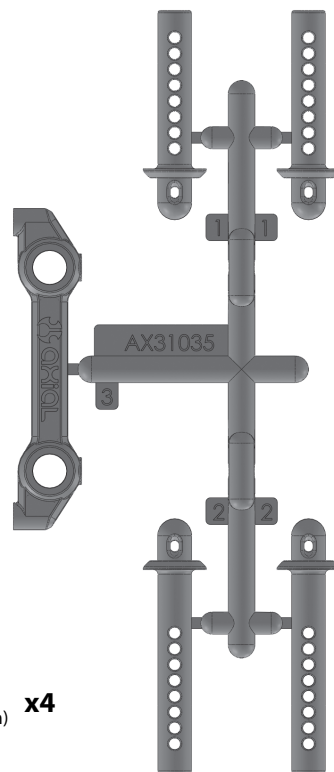
AX31052
Yeti™ XL Front Bulkhead



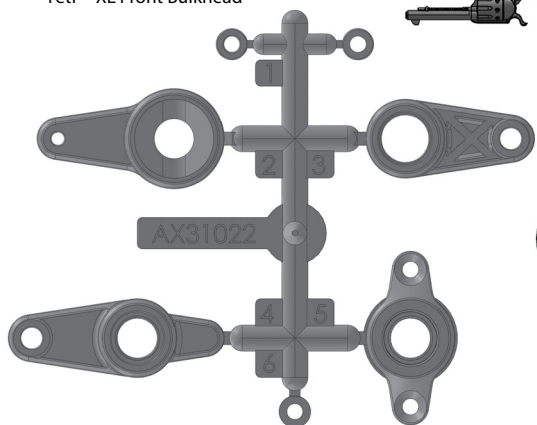
AX80092
EXO Linkage Set



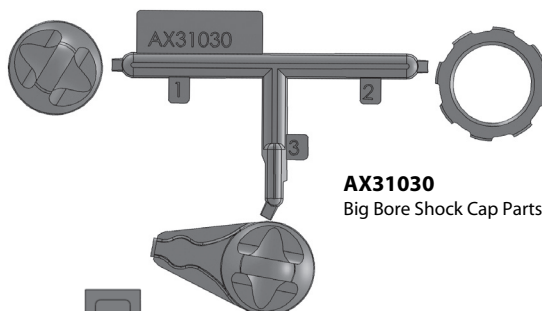
AX31032
Big Bore Shock Parts and Rod Ends (16mm)



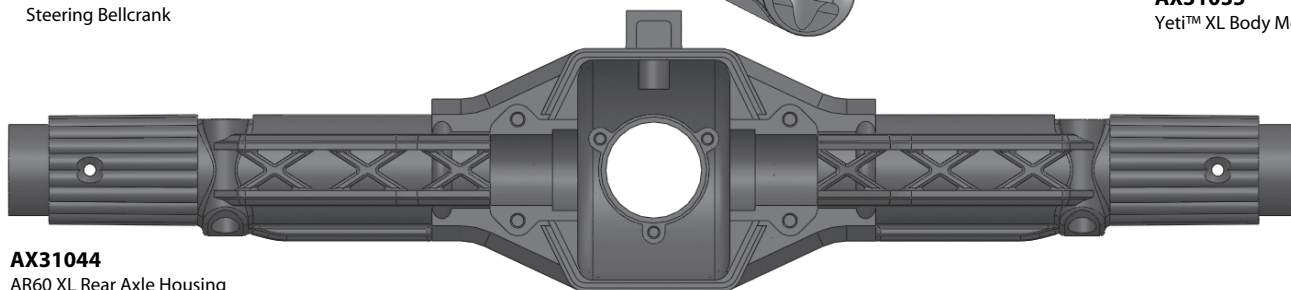
AX31035
Yeti™ XL Body Mount Set



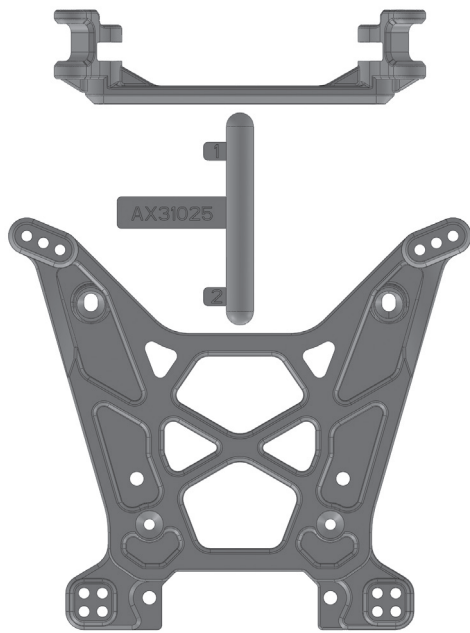
AX31022
Steering Bellcrank



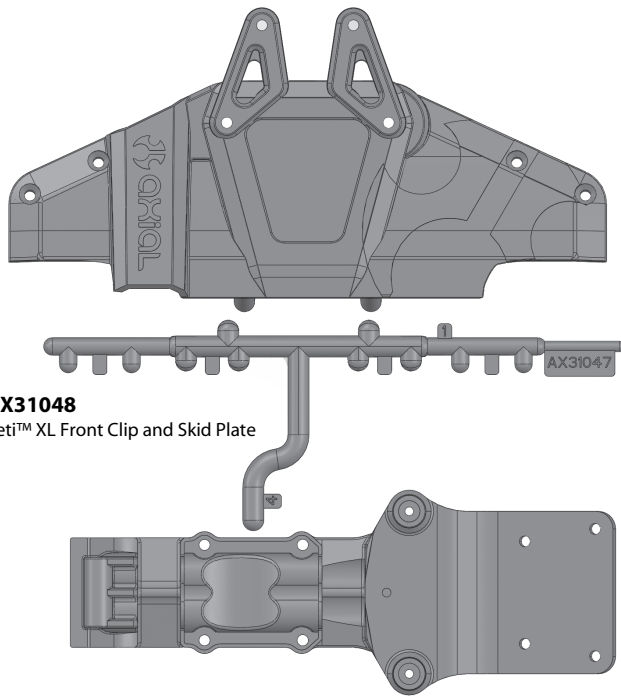
AX31030
Big Bore Shock Cap Parts (16mm) **x4**



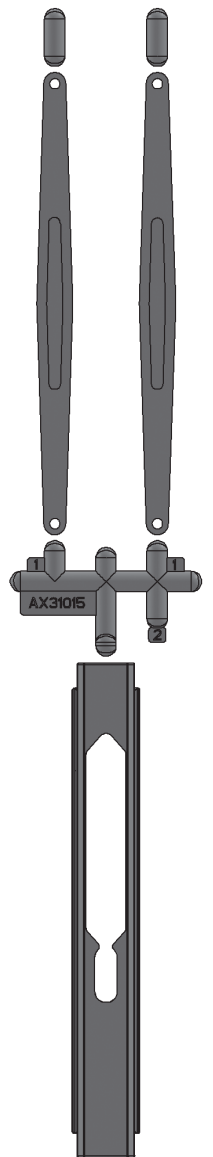
AX31044
AR60 XL Rear Axle Housing



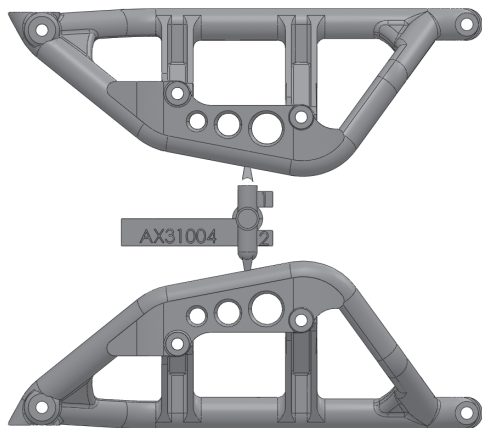
AX31025
Yeti™ XL Front Shock Tower



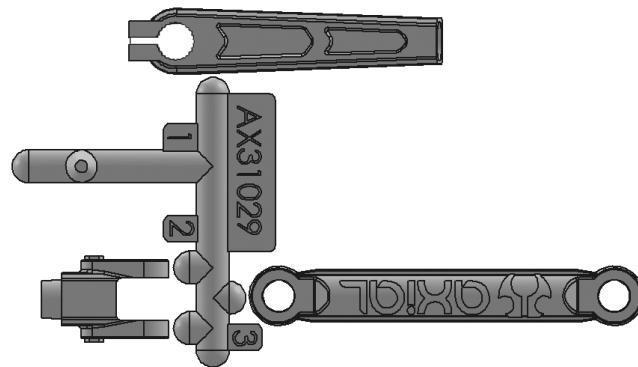
AX31048
Yeti™ XL Front Clip and Skid Plate



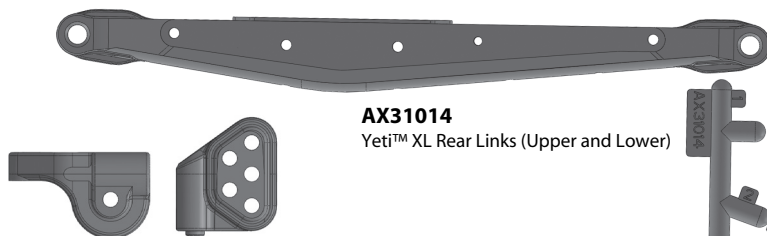
AX31015 **x2**
MT Rear Links stiffeners



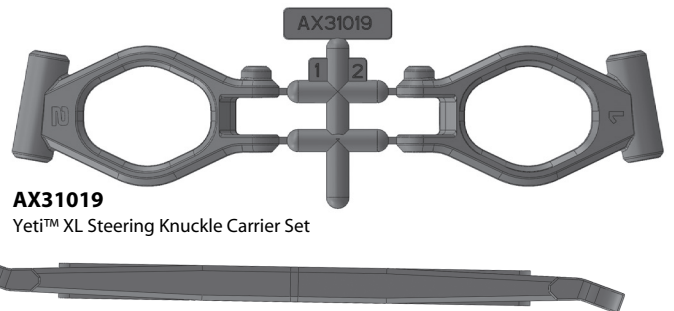
AX31004
Yeti™ XL Rear Shock Mount



AX31029
Yeti™ XL Rear Sway Bar Parts

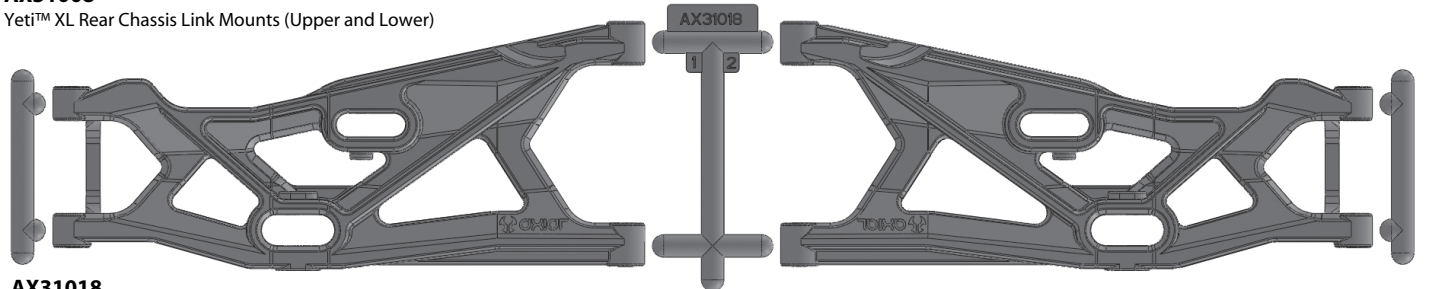


AX31014
Yeti™ XL Rear Links (Upper and Lower)

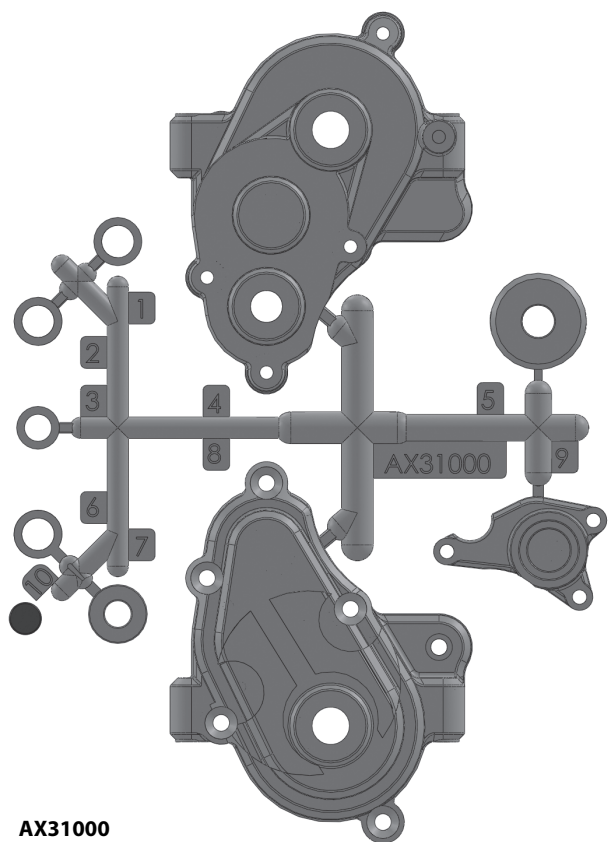


AX31019
Yeti™ XL Steering Knuckle Carrier Set

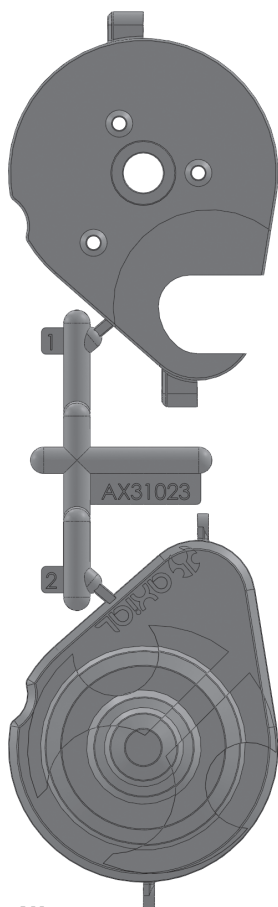
AX31008
Yeti™ XL Rear Chassis Link Mounts (Upper and Lower)



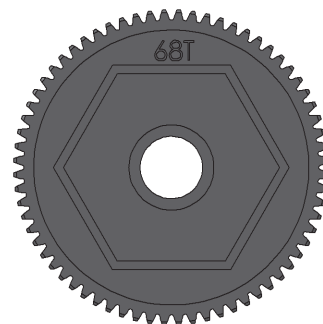
AX31018
Yeti™ XL Lower Front Control Arm Set



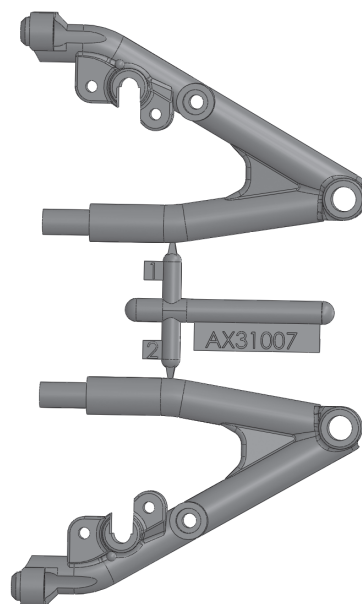
AX31000
XL 2 Speed Transmission Case



AX31023
Yeti™ XL Transmission Spur Gear Cover



AX31069
68T Spur Gear - 32P(powder metal)



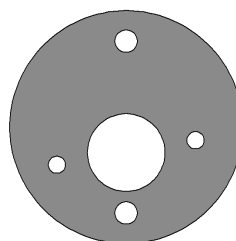
AX31007
Yeti™ XL Chassis Rear Risers



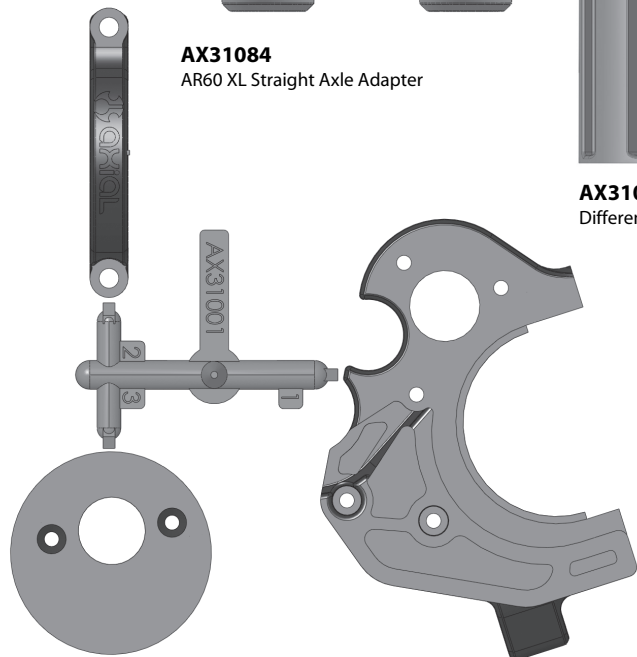
AX31084
AR60 XL Straight Axle Adapter



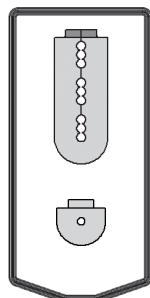
AX31055
Differential Case



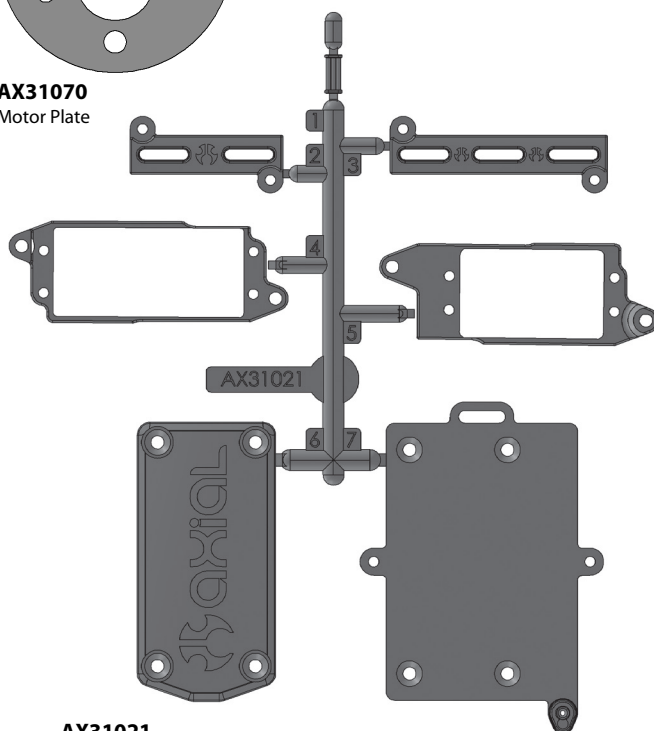
AX31070
Motor Plate



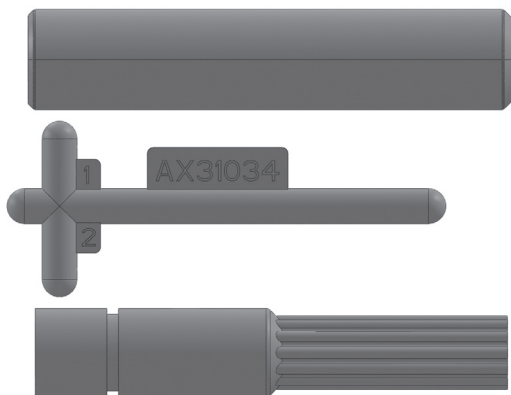
AX31001
XL 2 Speed Motor Mount



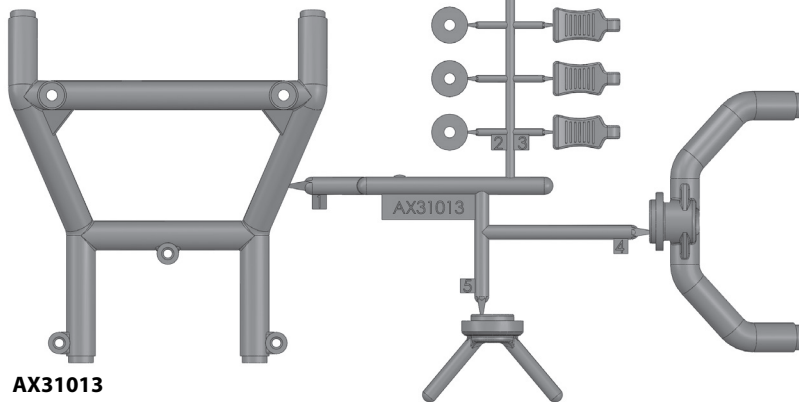
AX31083
Radio Box Seal



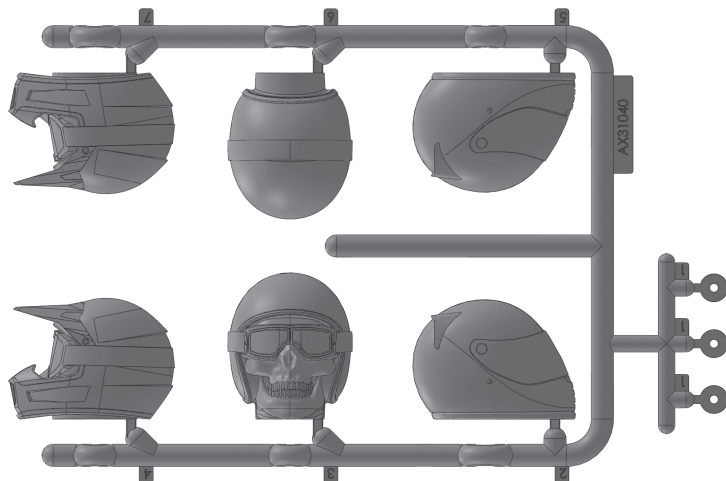
AX31021
MT Electronics Parts



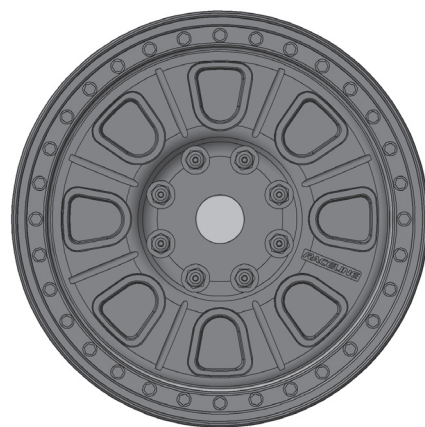
AX31034
WB XL Driveshaft



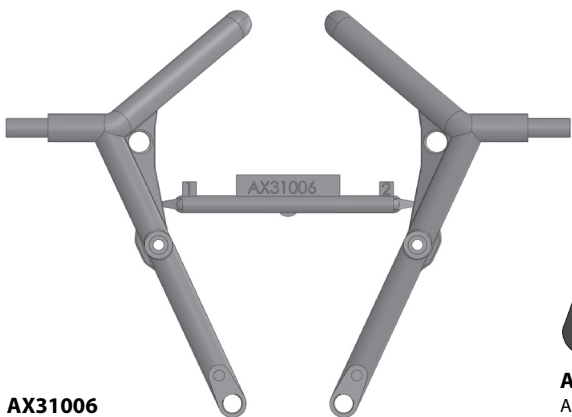
AX31013
Y-480 Roll Cage (Tire Carrier)



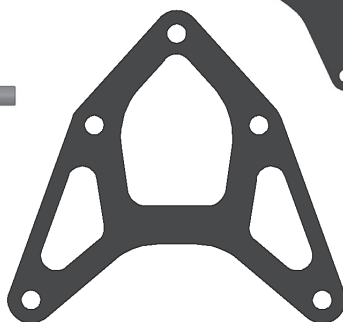
AX31040
Y-480 Helmet Set



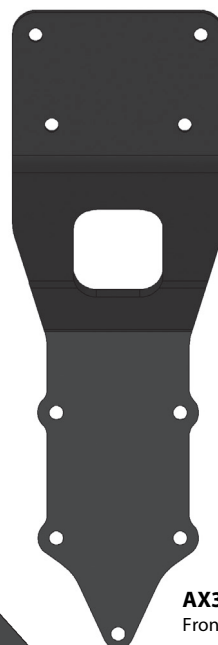
AX31043
3.8 Raceline Monster Wheels (Black)(2pcs)



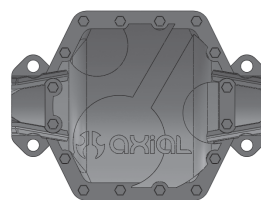
AX31006
Yeti™ XL Chassis Cage Components



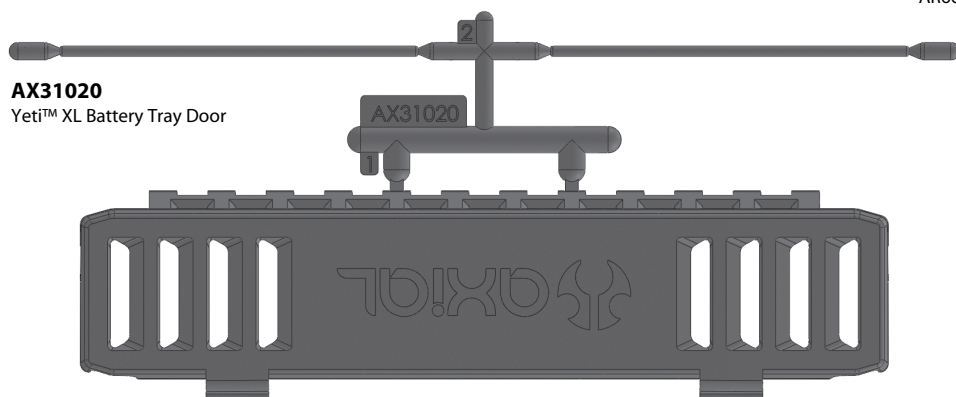
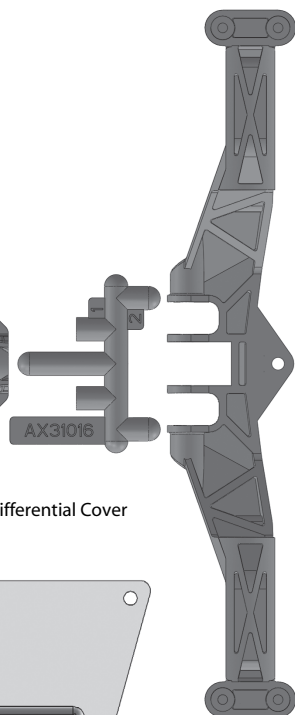
AX31237
Aluminum Upper Brace Plate



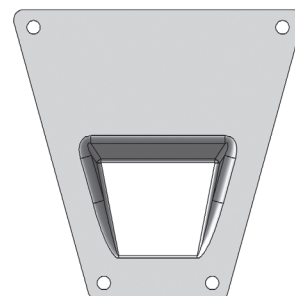
AX31236
Front Aluminum Skid Plate



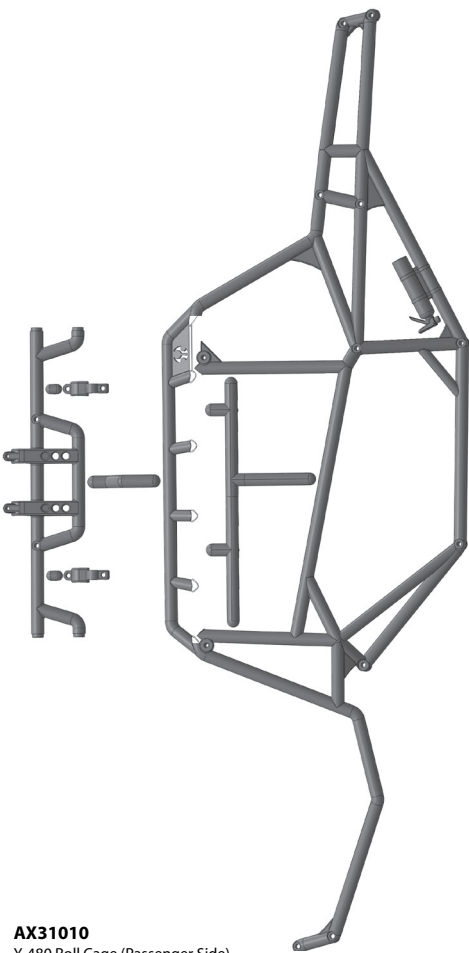
AX31016
AR60 XL Rear Axle Truss and Differential Cover



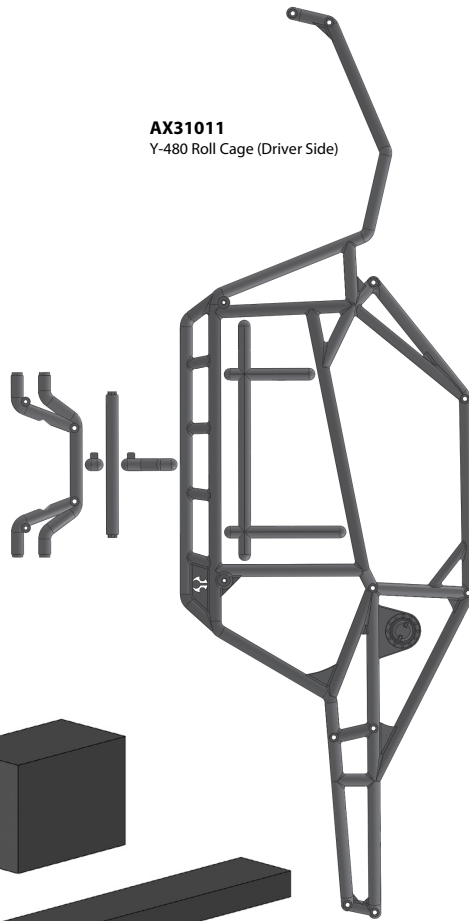
AX31020
Yeti™ XL Battery Tray Door



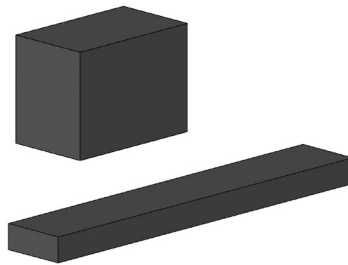
AX31088
Front Bumper Plate



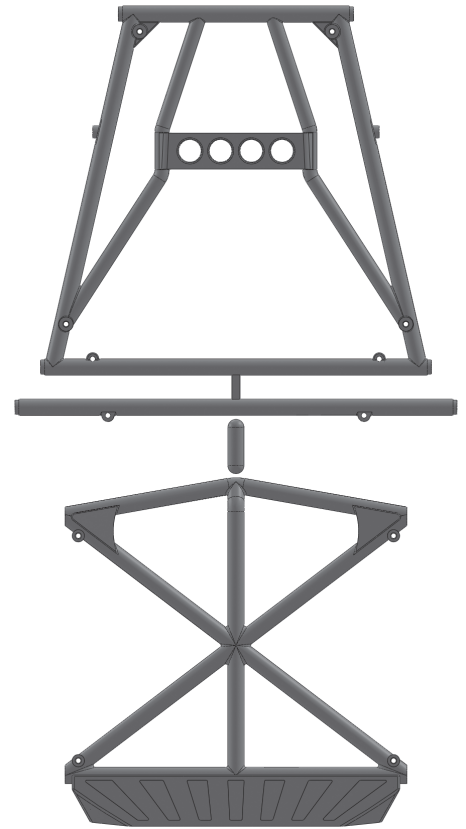
AX31010
Y-480 Roll Cage (Passenger Side)



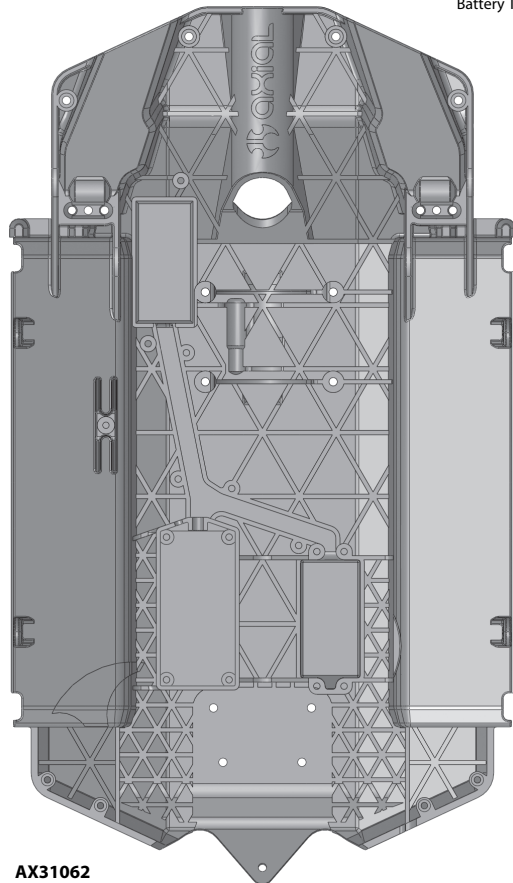
AX31011
Y-480 Roll Cage (Driver Side)



AX31234
Battery Tray Foam Pad Set Yeti XL



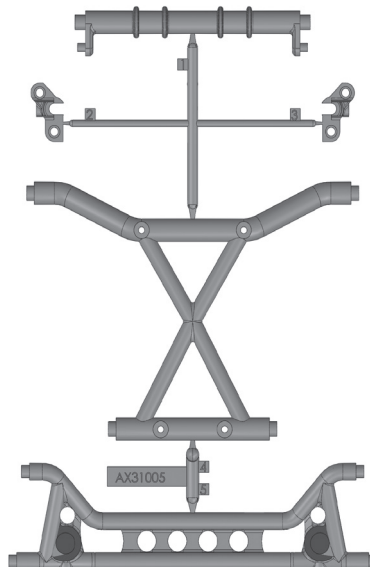
AX31012
Y-480 Roll Cage (Roof and Hood)



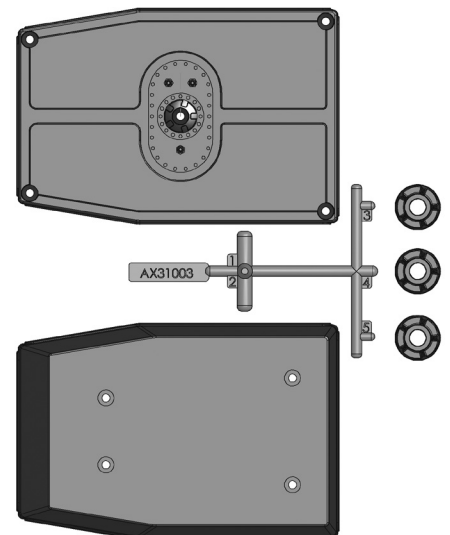
AX31062
Yeti™ XL Main Chassis Tub



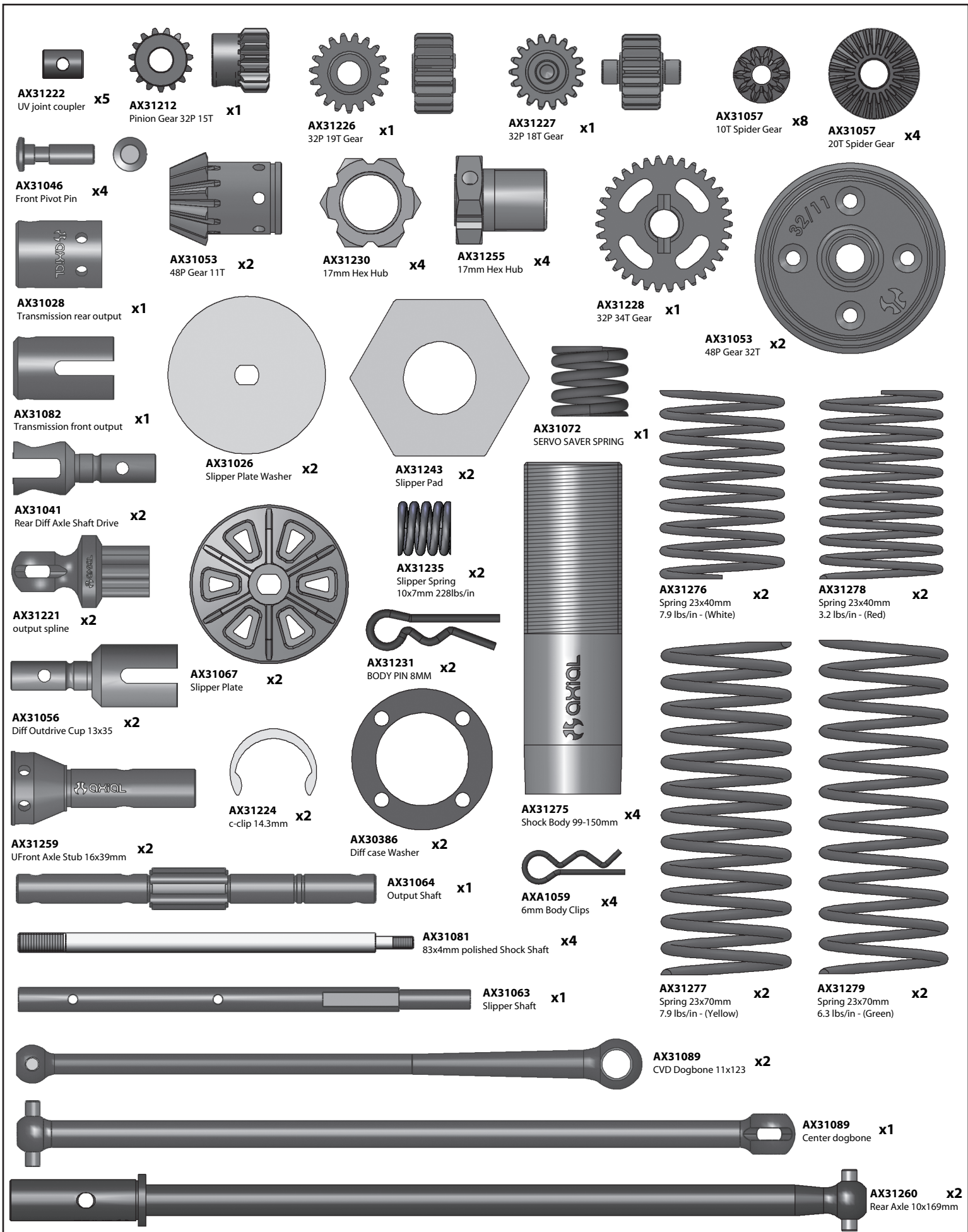
AX31036
Yeti™ XL Front Bumper Set

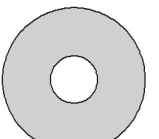
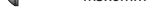


AX31005
Yeti™ XL Chassis Cross Members



AX31003
Yeti™ XL Weight Box



	AXA1041 M2.5 Nylon Locking Hex Nut	x4		AXA1069 Washer 2.7x6.7x0.5 mm	x8		AXA180 M3x3mm Set Screw	x1
	AXA1045 M4 Nylon Lock Nut	x1		AXA1071 Washer 4x8x0.5mm	x2		AXA183 M3x6mm Set Screw	x4
	AXA1052 M3 Thin Nylon Locking Hex Nut	x13		AXA1072 Washer 3x8x0.5mm	x2		AXA187 M3x20mm Set Screw	x4
	AXA1053 M3 Nylon Locking Hex Nut	x3		AXA1074 Washer 4x10x0.15mm	x8		AXA291 M4x4mm Set Screw (Black)	x3
	AX30163 Pin 2x10mm	x1		AX31281 Washer 4x11x1mm	x1		AX31261 M5x6mm Set Screw	x4
	AX30165 Pin 2.5x12mm	x5		AX31289 Shim 8x10x0.3mm	x8		AX31045 M4x12mm	x3
	AX31222 Pin 2.5x14.8mm	x5		AX31233 Washer 6x19x0.2mm	x4		AX31232 M4x16.5mm	x5
	AX31258 Pin 3x17mm	x4		AX31269 Washer 15x18x0.2mm	x4		AX31185 M3x10mm	x6
	AX31076 P4 Oring	x8		AXA061 M2.6x4mm	x3		AXA146 M3x12mm	x7
	AXA1144 O-Ring 6x9.5x1.9mm	x4		AX31195 M2.6x12mm	x3		AXA0147 M3x16mm	x2
	AX31075 O-Ring 15.5x1.5mm	x8		AXA113 M3x6mm	x4		AXA148 M3x18mm	x42
	AX31198 Bearing 6x10x3mm	x4		AXA114 M3x8mm	x5		AXA149 M3x20mm	x12
	AXA1221 Bearing 5x11x4mm	x4		AXA115 M3x10mm	x10		AXA151 M3x30mm	x6
	AX31200 Bearing 6x12x4mm	x2		AXA116 M3x12mm	x8		AXA474 M3x45mm	x1
	AXA1225 Bearing 8x16x5mm	x4		AXA117 M3x15mm	x7		AX31121 M4x12mm	x3
	AX31201 Bearing 10x16x5mm	x4		AXA118 M3x18mm	x12		AXA089 M3x25mm	x4
	AXA1243 Bearing 15x21x4mm	x6		AXA119 M3x20mm	x19		AX31238 M3x50mm Cap head hex socket screw	x2
				AXA121 M3x30mm	x2		AXA414 M2.6x10mm	x2
				AX31119 M3x35mm	x4		AXA422 M2.6x6mm	x3
				AXA124 M3x45mm	x2		AXA423 M2.6x8mm	x4
							AXA433 M3x6mm	x29
							AXA434 M3x8mm	x4
							AXA435 M3x10mm	x2
							AXA437 M3x15mm	x6
							AXA439 M3x20mm	x18
							AXA1059 6mm Body Clip	x4

Open Bag A

1

Open Plastic Bag 1



AX30165 **x2**
Pin 2.5x12mm



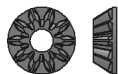
AXA148 **x4**
M3x18mm



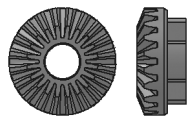
AXA291 **x1**
M4x4mm



AX30171 **x2**
4x26mm



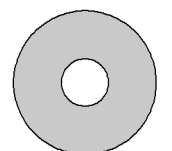
AX31057 **x2**
10T Spider Gear



AX31057 **x2**
20T Spider Gear



AXA1074 **x4**
Washer 4x10x0.15mm



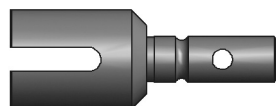
AX31233 **x2**
Washer 6x19x0.2mm



AXA1144 **x2**
O-Ring 6x9.5x1.9mm

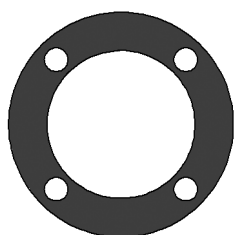
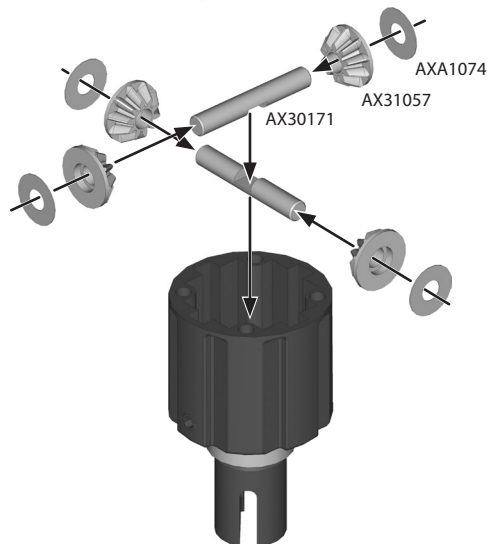
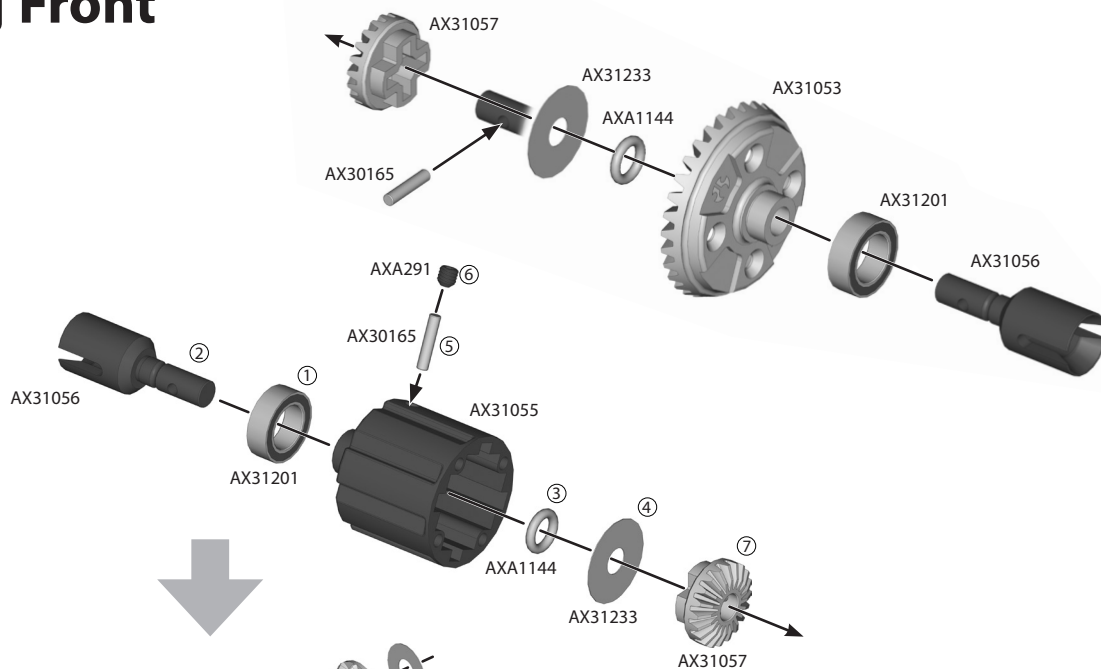


AX31201 **x4**
Bearing 8x16x5mm

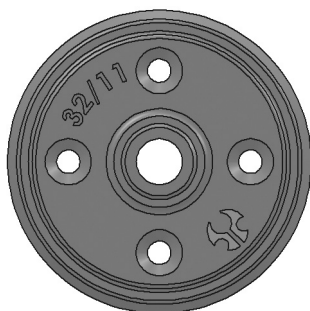


AX31056 **x2**
Diff Outdrive Cup 13x35

1 Front

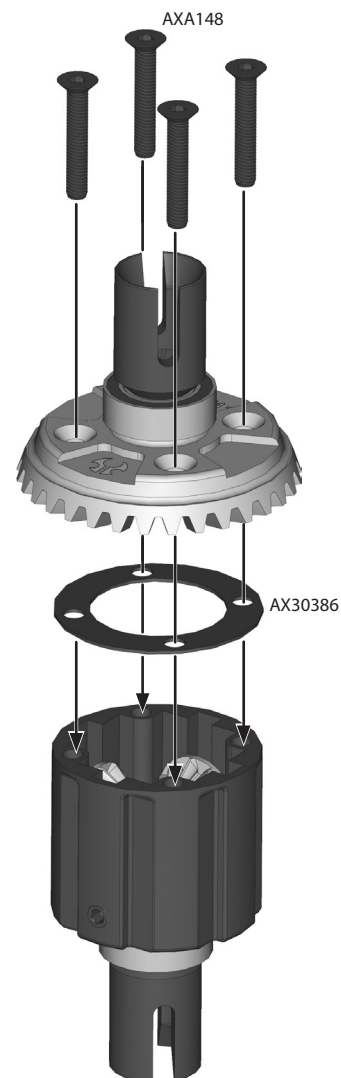
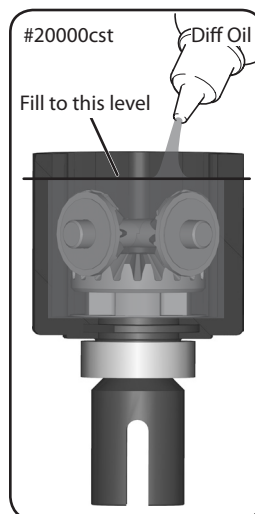


AX30386 **x1**
Diff case Washer



AX31053 **x1**
48P Gear 32T

Front



2 Front

AX31089

AX31224

AX31222

AXA1243

AX31052 **3**

AXA1243

AX31269

AX31053

AXA061

AX31222

AX31052 **1**

*** Do Not Over Tighten**

AX31089
Center Dogbone 11x123

x1

3 Front

This diagram illustrates the assembly of the front differential. The main components shown are the differential housing (AX31052 2), the differential gear (AXA148), and the axle shafts. The assembly is shown in an exploded view, with arrows indicating the correct placement of each part. A grease gun is shown applying grease to the differential housing. The axle shafts are labeled AX31025 2. The differential housing is labeled AX31052 2. The differential gear is labeled AXA148. The axle shafts are labeled AX31025 2. The assembly is shown in an exploded view, with arrows indicating the correct placement of each part. A grease gun is shown applying grease to the differential housing.

4 Front

AX31035 **2**

AX31035 **2**

AX31045

AX31035 **3**

AX31045

AX31185

AX31185

5 Rear



AX30165
Pin 2.5x12mm **x2**



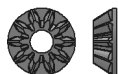
AXA148
M3x18mm **x4**



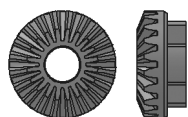
AXA291
M4x4mm **x1**



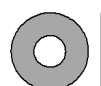
AX30171
4x26mm **x2**



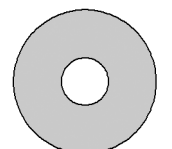
AX31057
10T Spider Gear **x2**



AX31057
20T Spider Gear **x2**



AXA1074
Washer 4x10x0.15mm **x4**



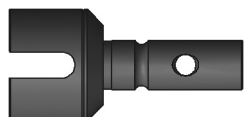
AX31233
Washer 6x19x0.2mm **x2**



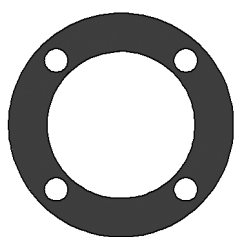
AXA1144
O-Ring 6x9.5x1.9mm **x2**



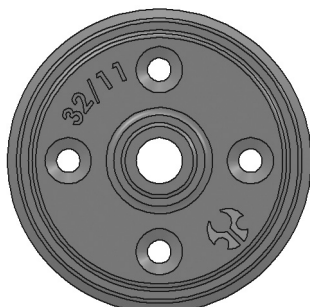
AX31201
Bearing 10x16x5mm **x4**



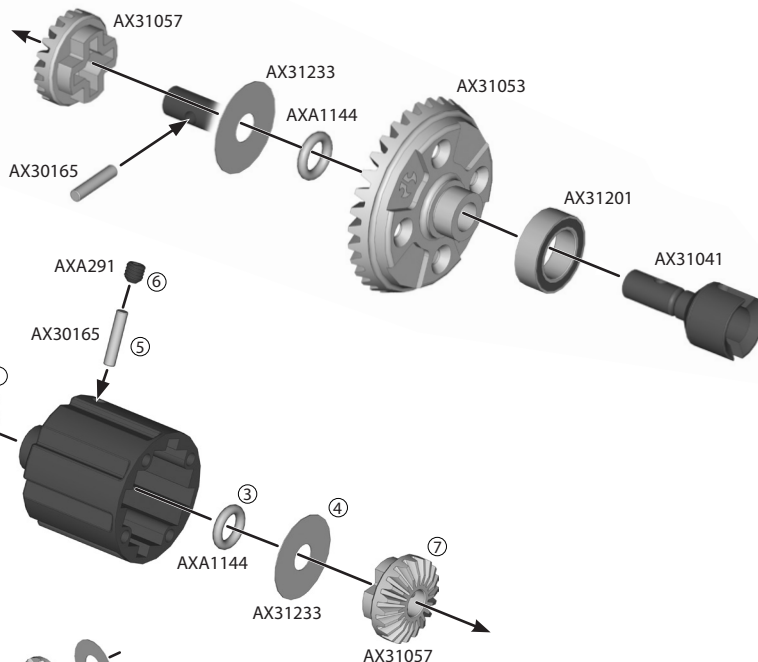
AX31041
Diff Outdrive Cup 13.8x30mm **x2**



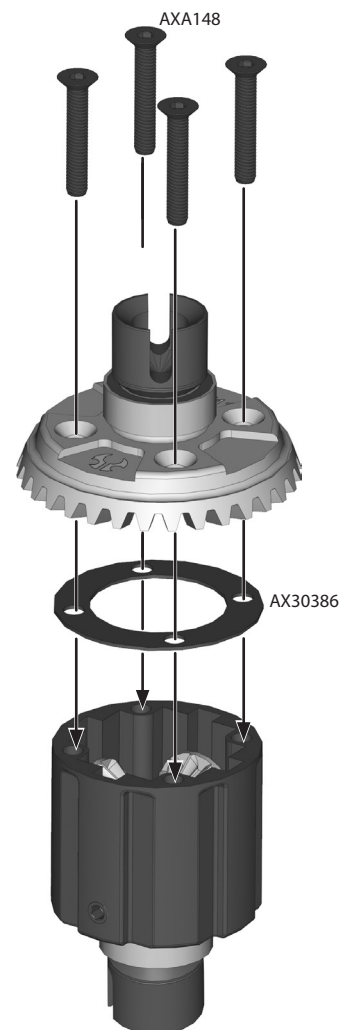
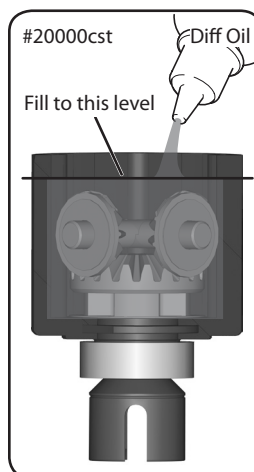
AX30386
Diff case Washer **x1**



AX31053
48P Gear 32T **x1**



Rear



6



AXA061
M2.6x4mm **x3**



AXA146 **x1**
M3x12mm



AX31222 **x1**
Pin 2.5x14.8mm



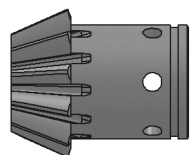
AX3122 **x1**
UV joint coupler



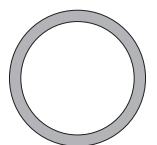
AXA1243 **x2**
Bearing 15x21x4mm



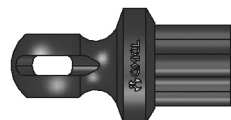
AX31224 **x1**
c-clip 14.3mm



AX31053 **x1**
48P Gear 11T



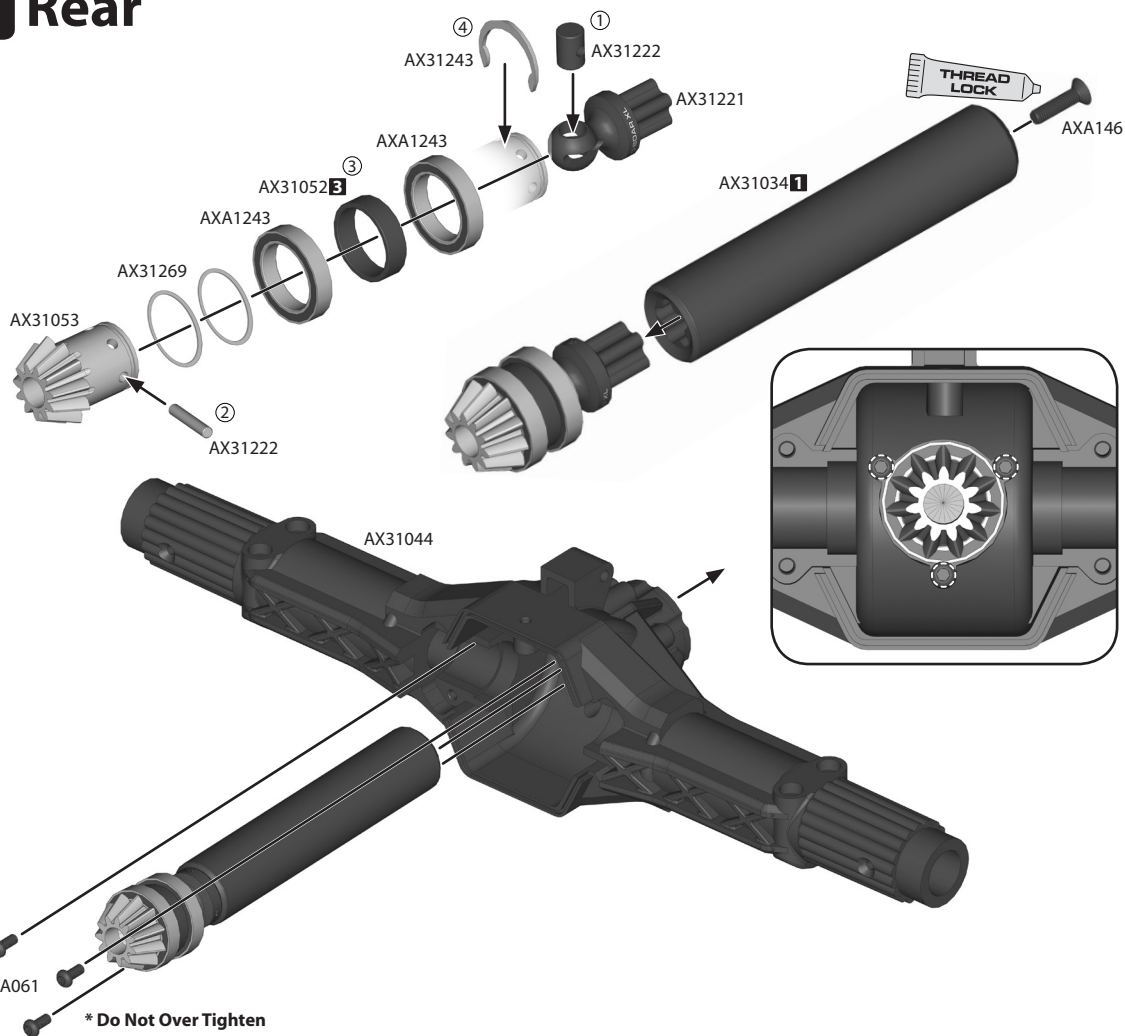
AX31269 **x2**
Washer 15x18x0.2mm



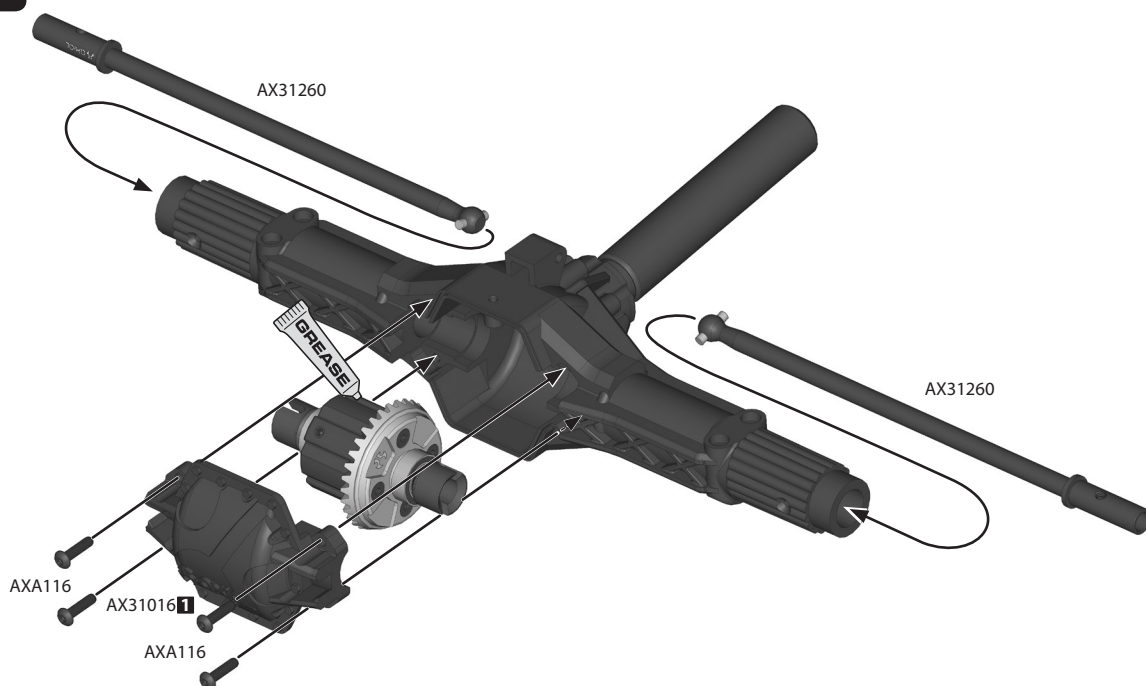
AX31221 **x1**
Output Shaft



AXA116
M3x12mm **x4**



7



AX31260
Rear Axle
10x169mm **x2**

8

AX31000

AXA115

AXA115

AXA1225

AXA115

AXA115
M3x10mm **x4**

AXA1225
Bearing 8x16x5mm **x2**

AXA1225

AXA115

AXA115

AX31000

9

AX31261
AX31255
AX31258

AXA089
M3x25mm
x4

AXA145
M3x10mm
x1

AX31261
M5x6mm
x2

AX31258
Pin 3x17mm
x2

AX31255
17mm Hex Hub
x2

AXA089
AXA145
AX31016
AX31258
AX31255
AX31261
THREAD LOCK



AXA1053
M3 Nylon Locking Hex Nut

x2



AX31050
Hinge Pin 4x85mm

x2



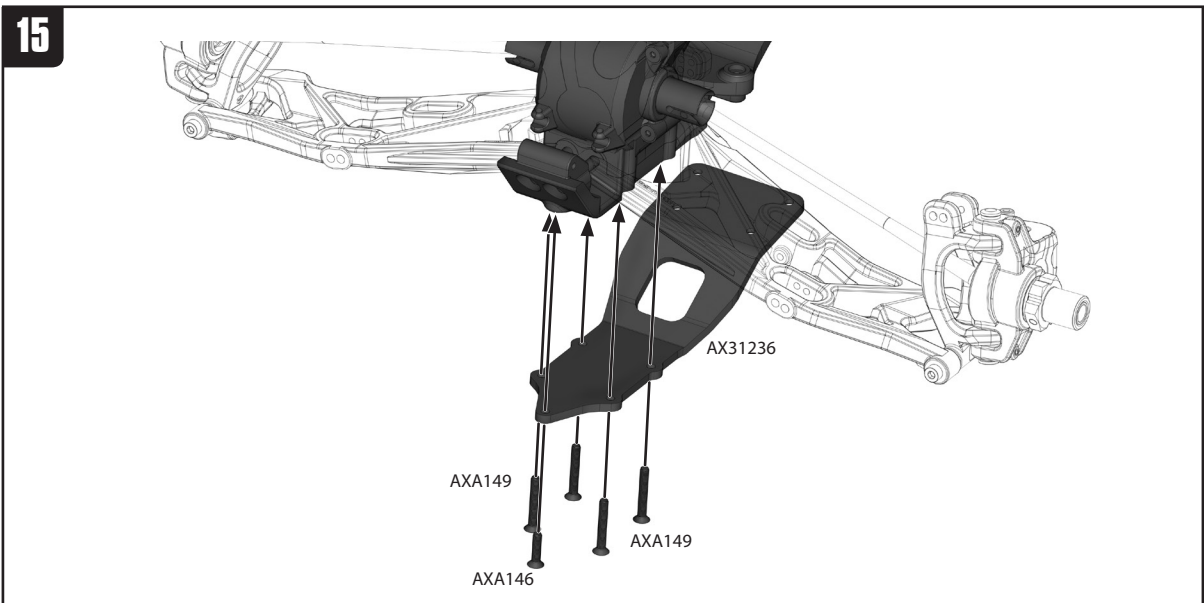
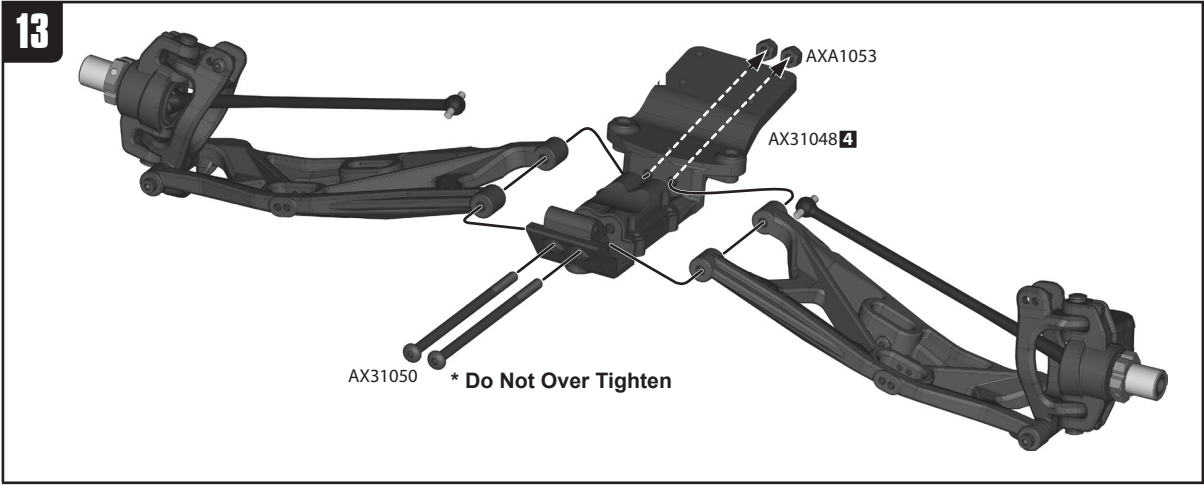
AXA149
M3x20mm

x4



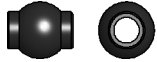
AXA146
M3x12mm

x1



C**Open Bag C****2****Open Plastic Bag 2****16**

AXA117
M3x15mm

x4

AX31024
Ball 6.8x8x3

x4

AX31256
M5x75mm Turnbuckle

x2

AXA1072
3x8x0.5mm

x2

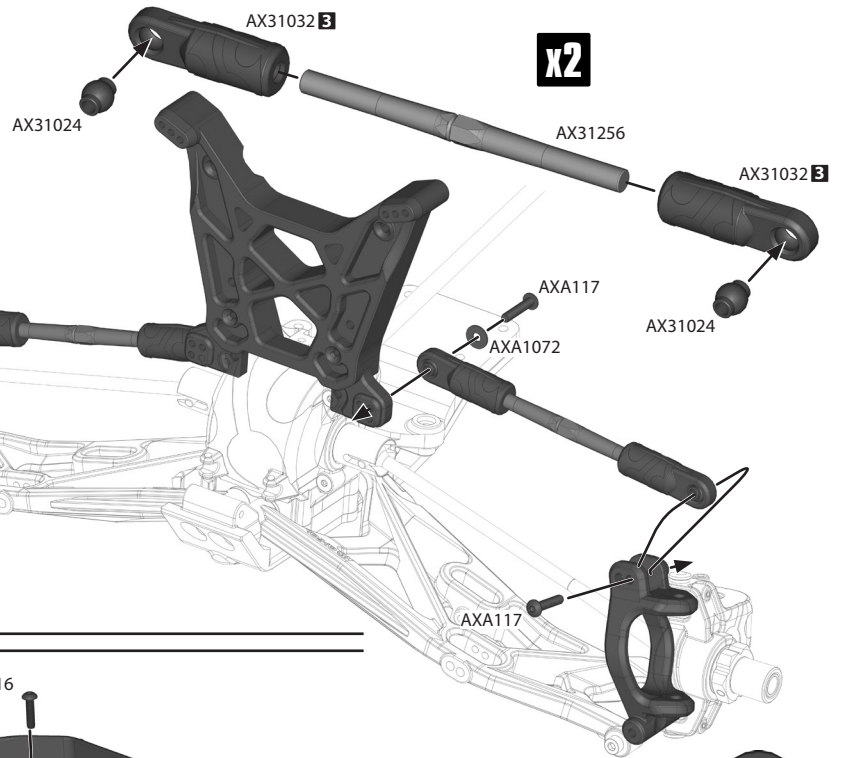
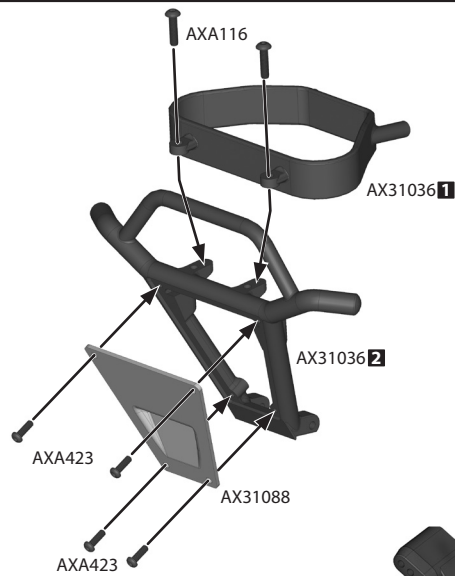
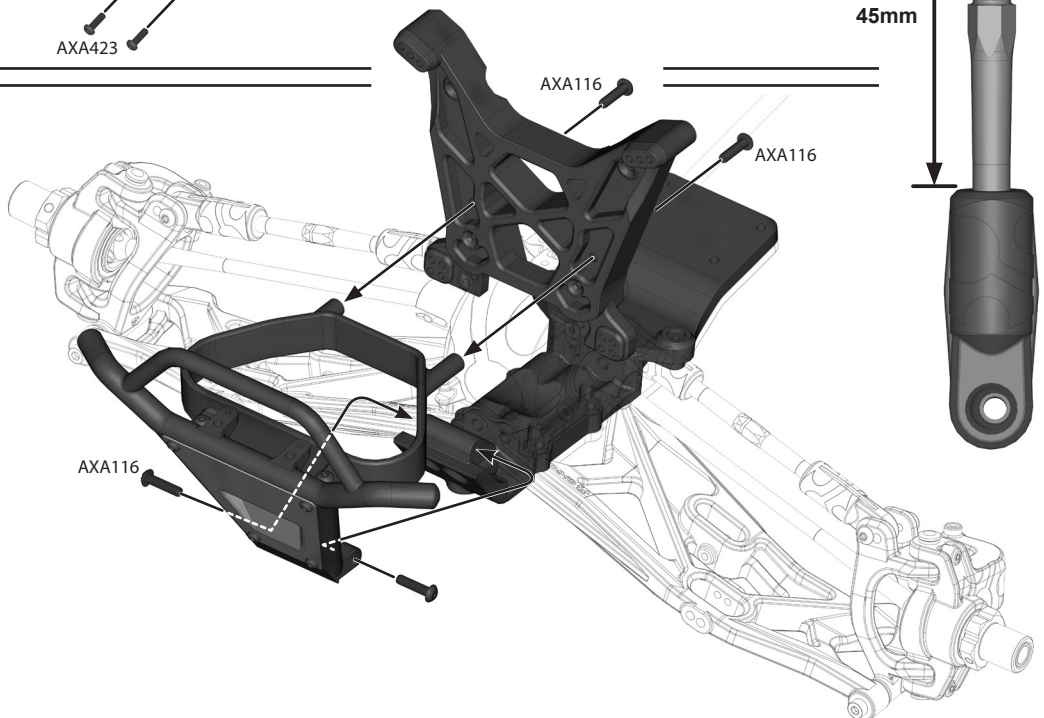
AXA116
M3x12mm

x2

AXA423
M2.6x8mm

x4

AXA116
M3x12mm

x4**17****18**

45mm

19



AXA146
M3x12mm **x2**



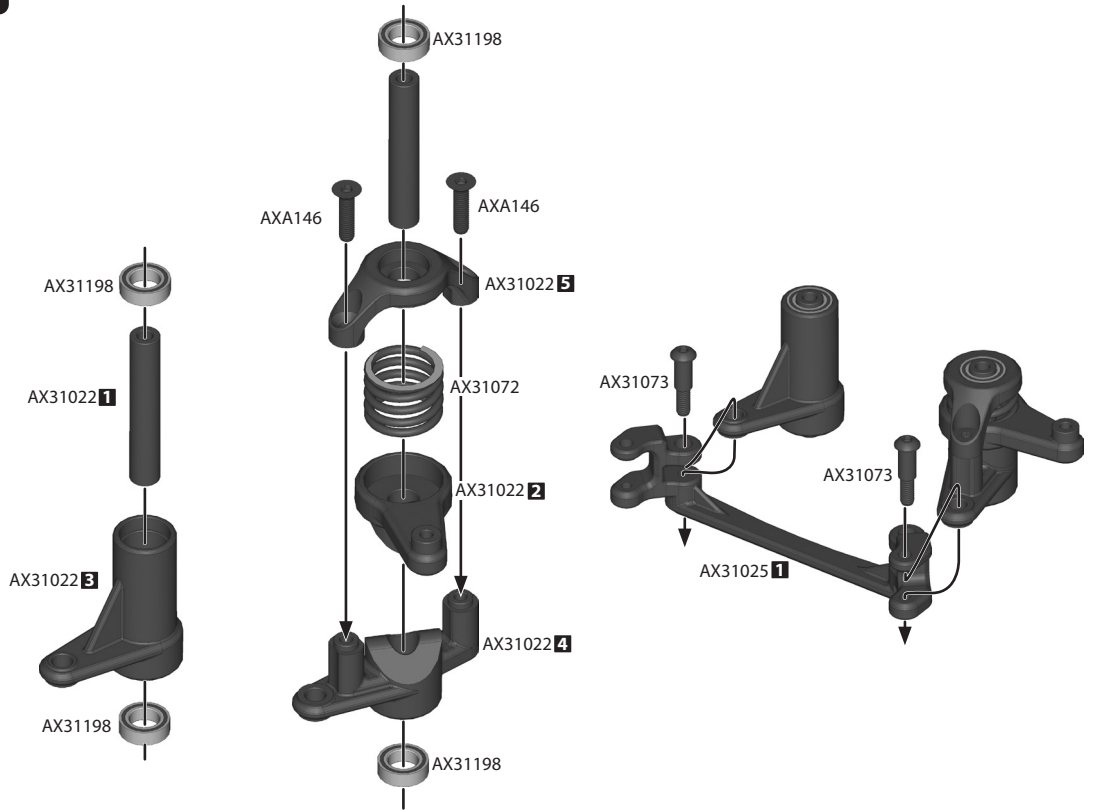
AX31073
M3x4x15mm **x2**



AX31198
Bearing 6x10x3mm **x4**



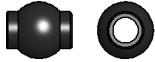
AX31072
Servo Saver Spring **x1**



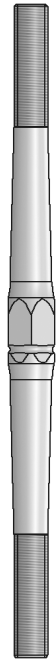
20



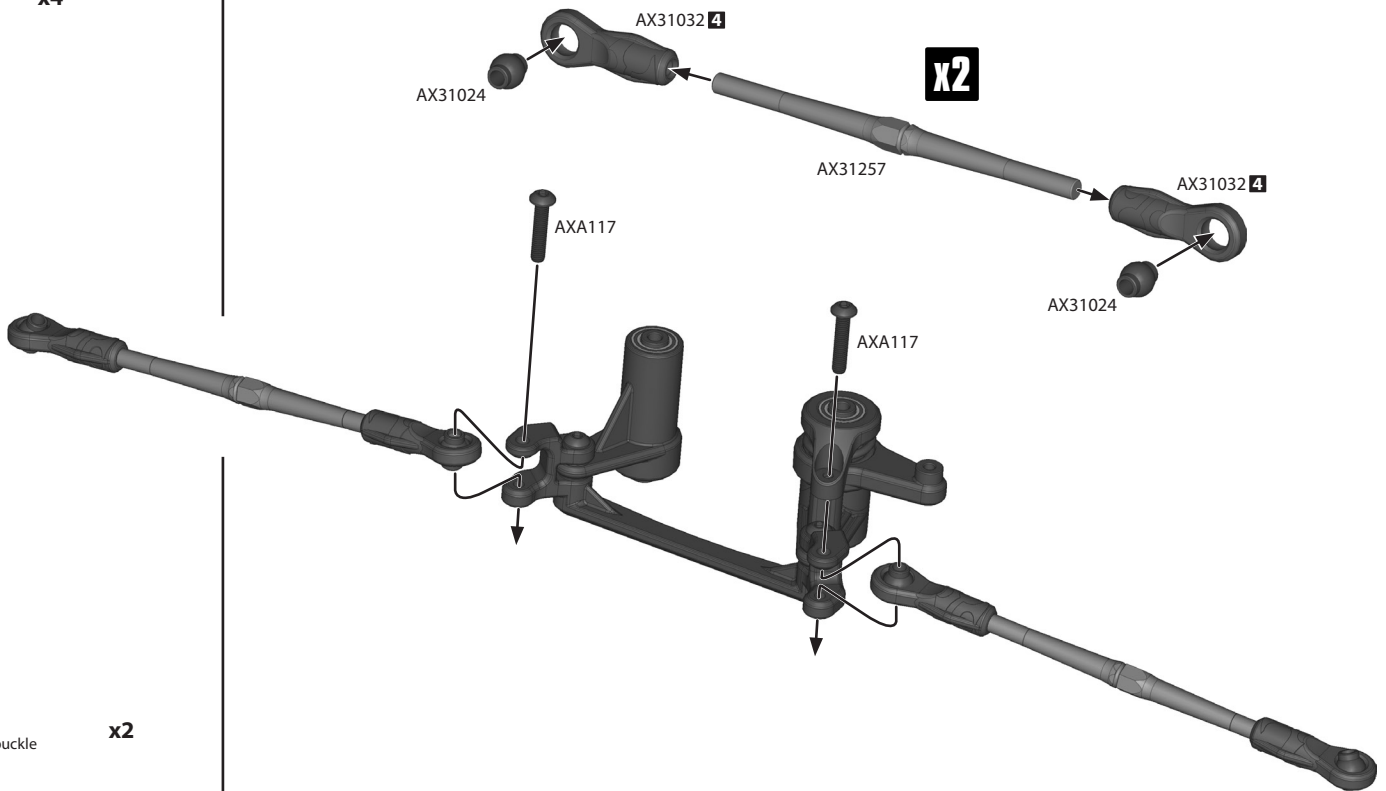
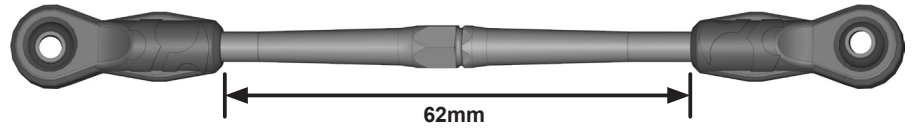
AXA117
M3x15mm **x4**



AX31024
Ball 6.8x8x3 **x4**



AX31257
M4x80mm Turnbuckle **x2**

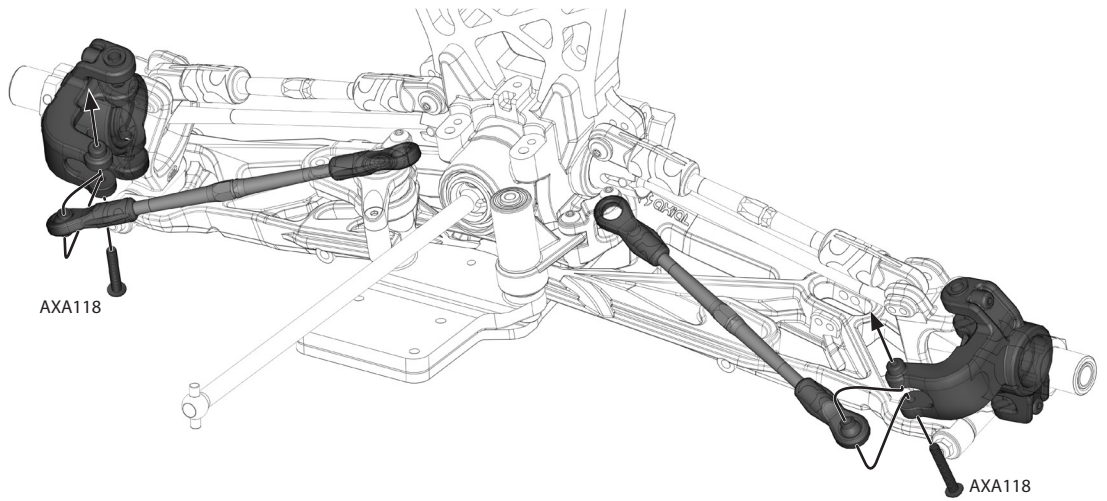




AXA118
M3x18mm

x2

21

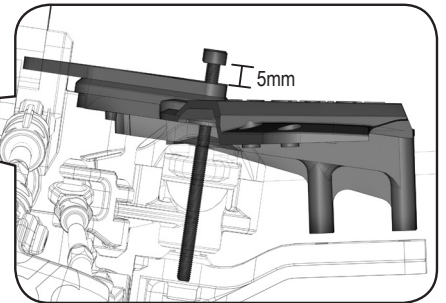
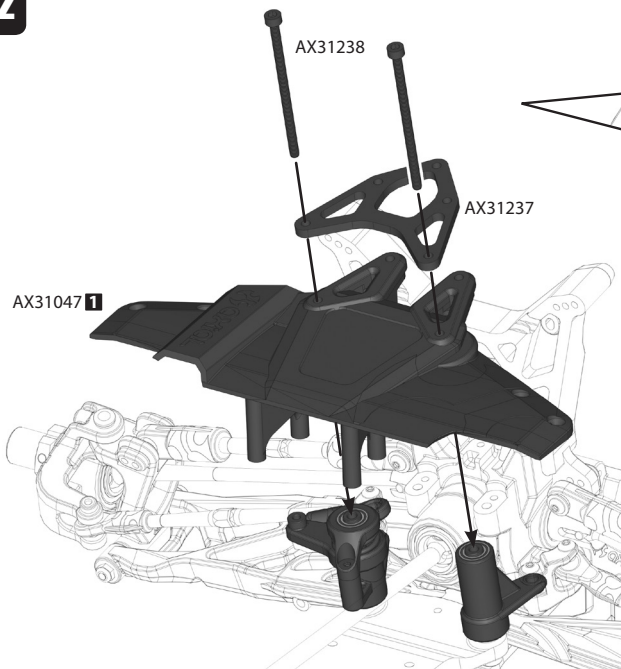


22

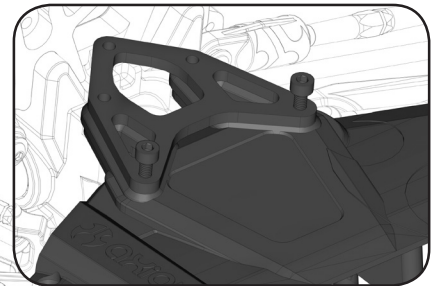


AX31238
M3x50mm Cap head hex socket screw

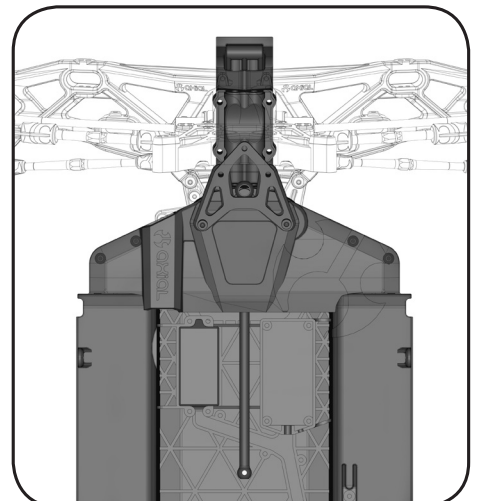
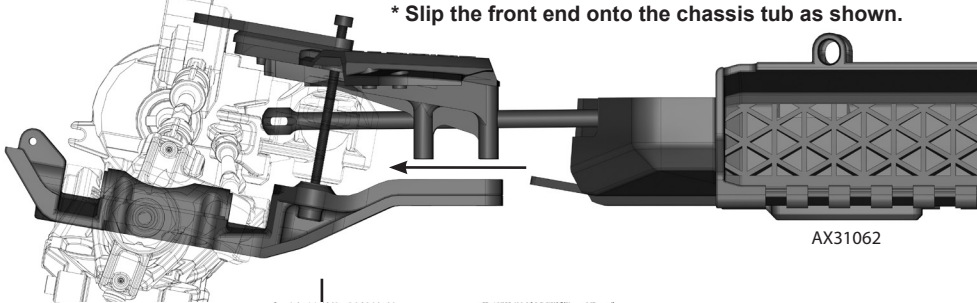
x2



* Notice the screws are to remain loose until the chassis tub is connected.



* Slip the front end onto the chassis tub as shown.



23

Finish tightening the bell crank screws. Do Not Over Tighten.

* Do Not Over Tighten



AXA117
M3x15mm x3



AXA148
M3x18mm x4



AXA149
M3x20mm x4



AXA113
M3x6mm x2



AXA0109
Oversize Flat Hex Socket x4



AXA118
M3x18mm x1



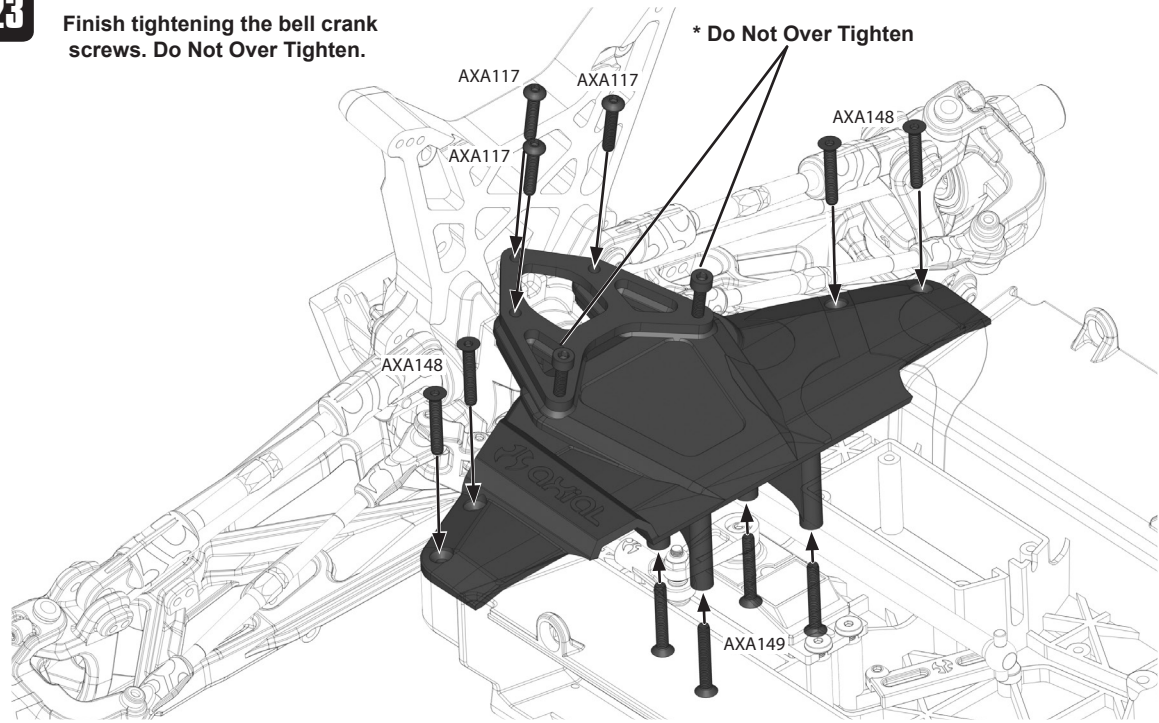
AXA1641
M3x50mm Turnbuckle (Black) x1



AXA1052
M3 Thin Nylon Locking Hex Nu x2

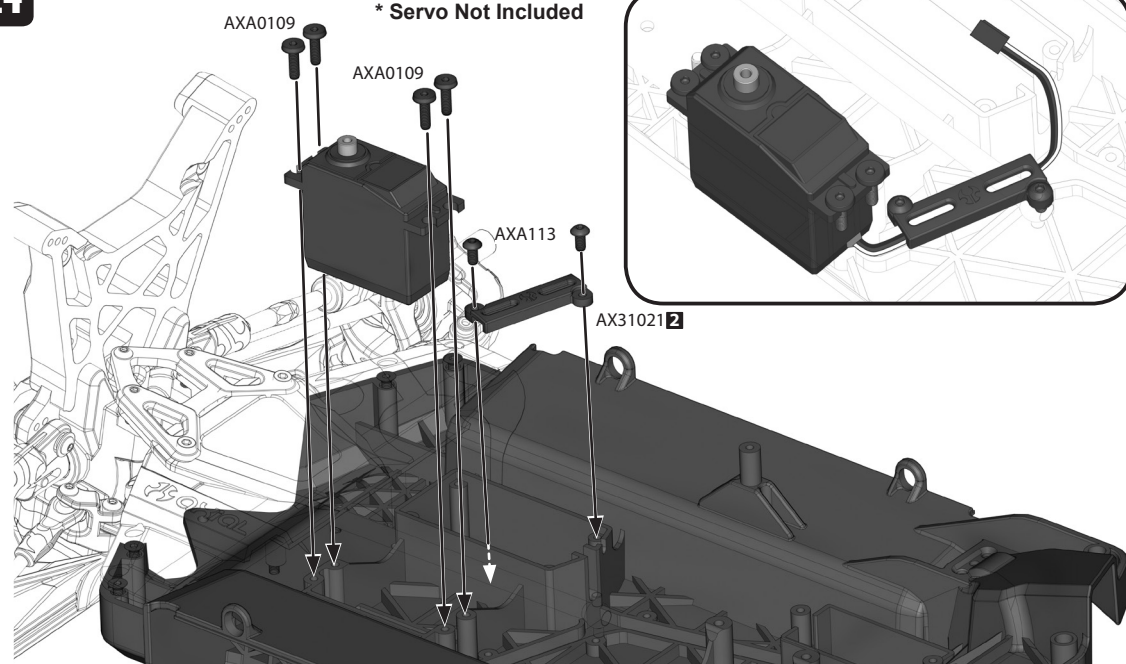


AXA1331
Flanged Ball 3x5.8x7mm x2



24

* Servo Not Included



25

Option Parts

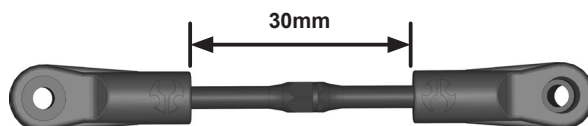


AX30834 23T
AX30835 24T
AX30836 25T



AXA1331

AX80006 1	23 Airtronics / JR / KO
AX80006 2	24 Hitec
AX80006 3	25 Futaba



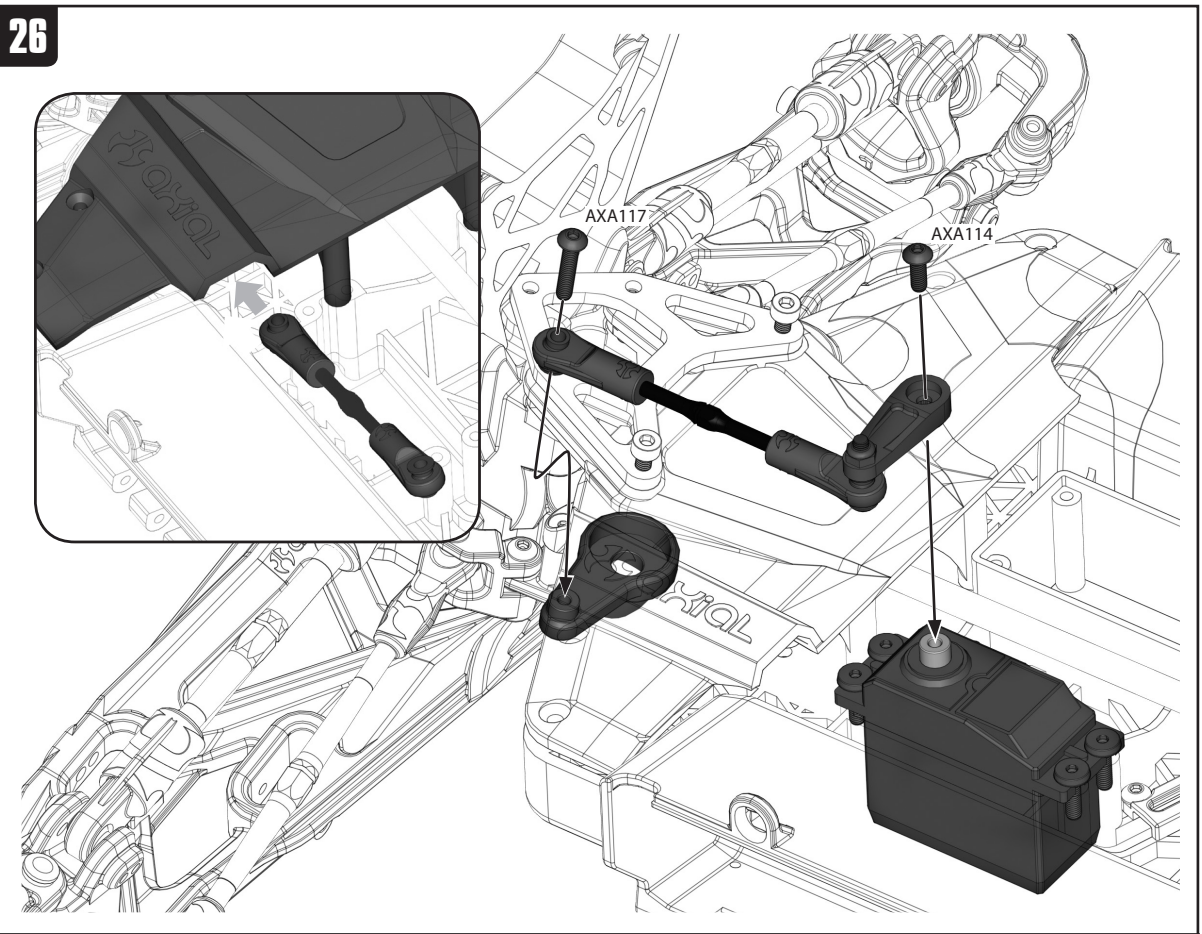
26



AXA114
M3x8mm x1

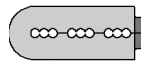


AXA117
M3x15mm x1



27

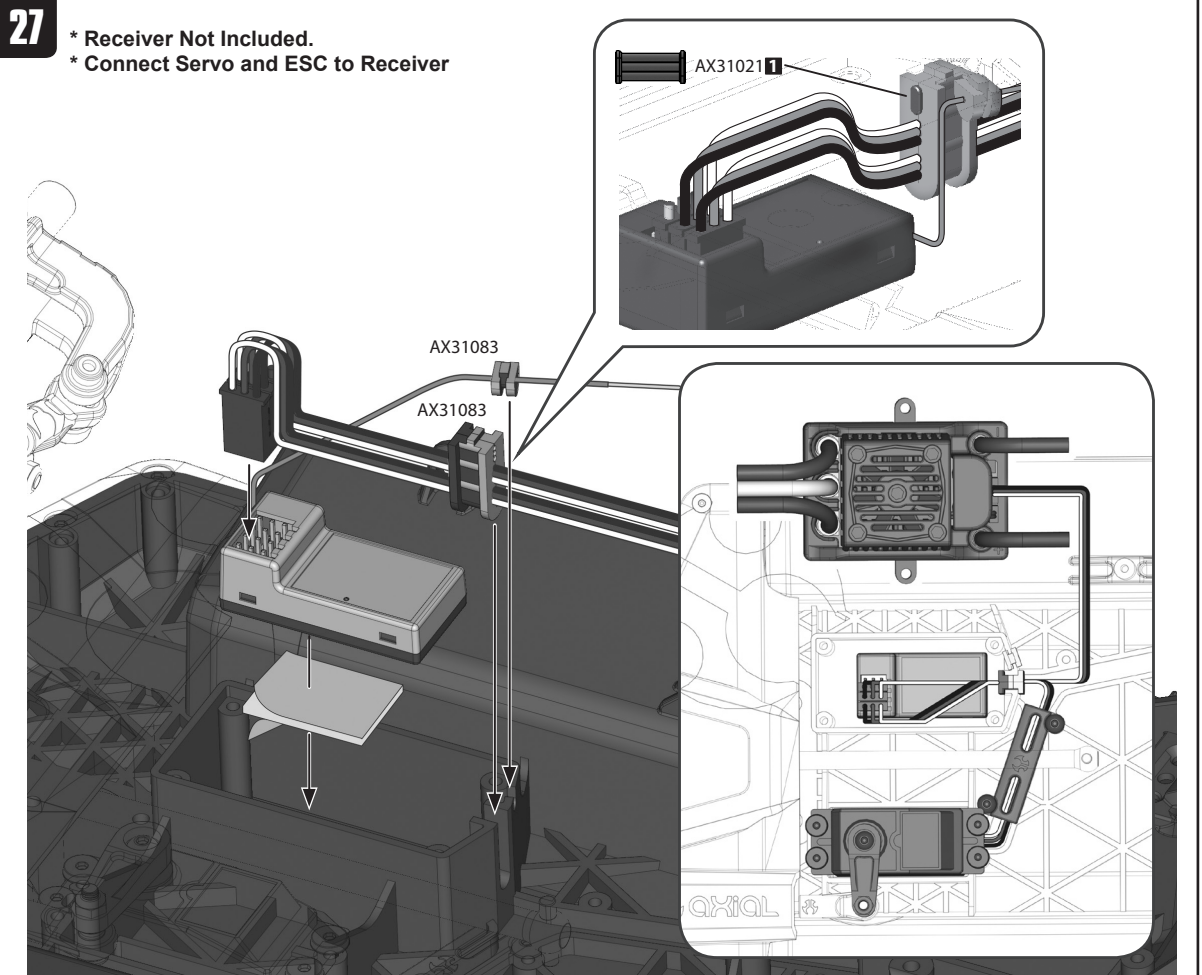
- * Receiver Not Included.
- * Connect Servo and ESC to Receiver



AX31083
Radio Wire Seal x1



AX31083
Radio Wire Seal x1



28



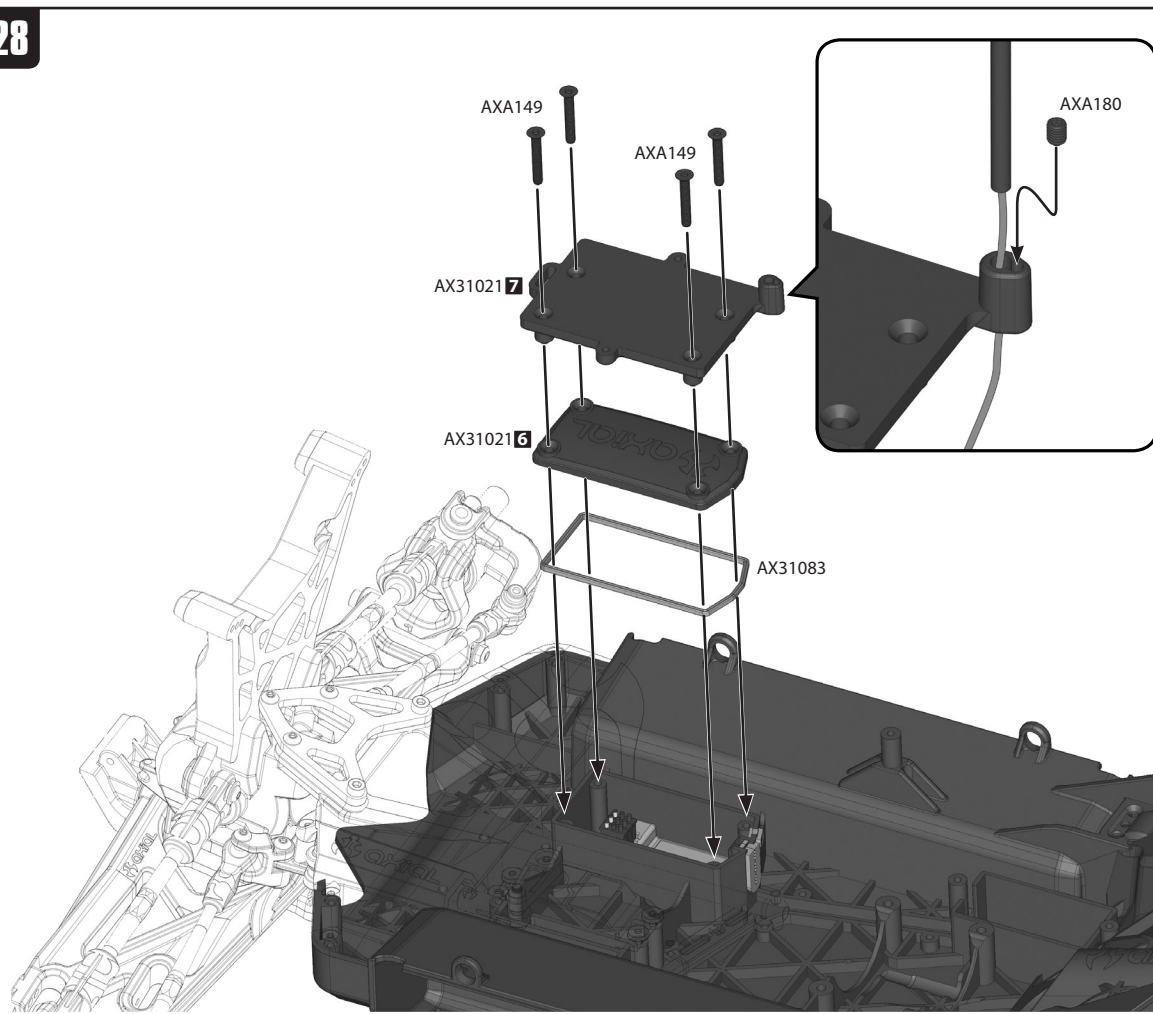
AXA149
M3x20mm **x4**



AXA180
M3x3mm Set Screw **x1**



AX31083
Radio Box Seal **x1**

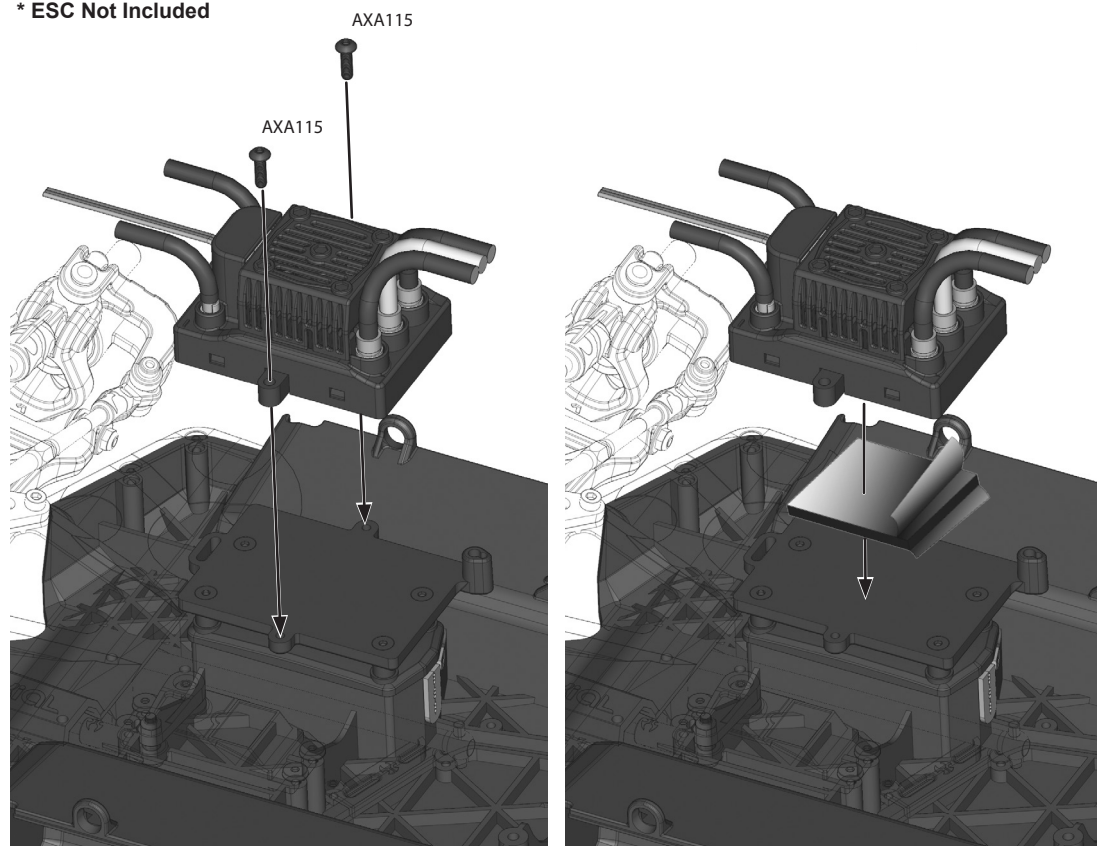


29

* ESC Not Included



AXA115
M3x10mm **x2**



AX31063
Slipper Shaft

x1

AX31064
Output Shaft

x1



AX31195
M2.6x12mm **x3**



AXA148
M3x18mm **x5**



AX30163
Pin 2x10mm **1**



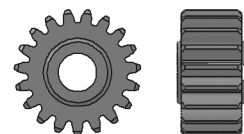
AX30165
Pin 2.5x12mm **x1**



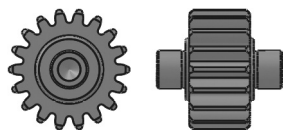
AXA1221
Bearing 5x11x4mm **x4**



AX31200
Bearing 6x12x4mm **x2**



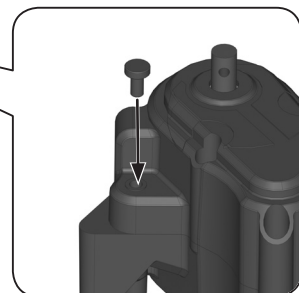
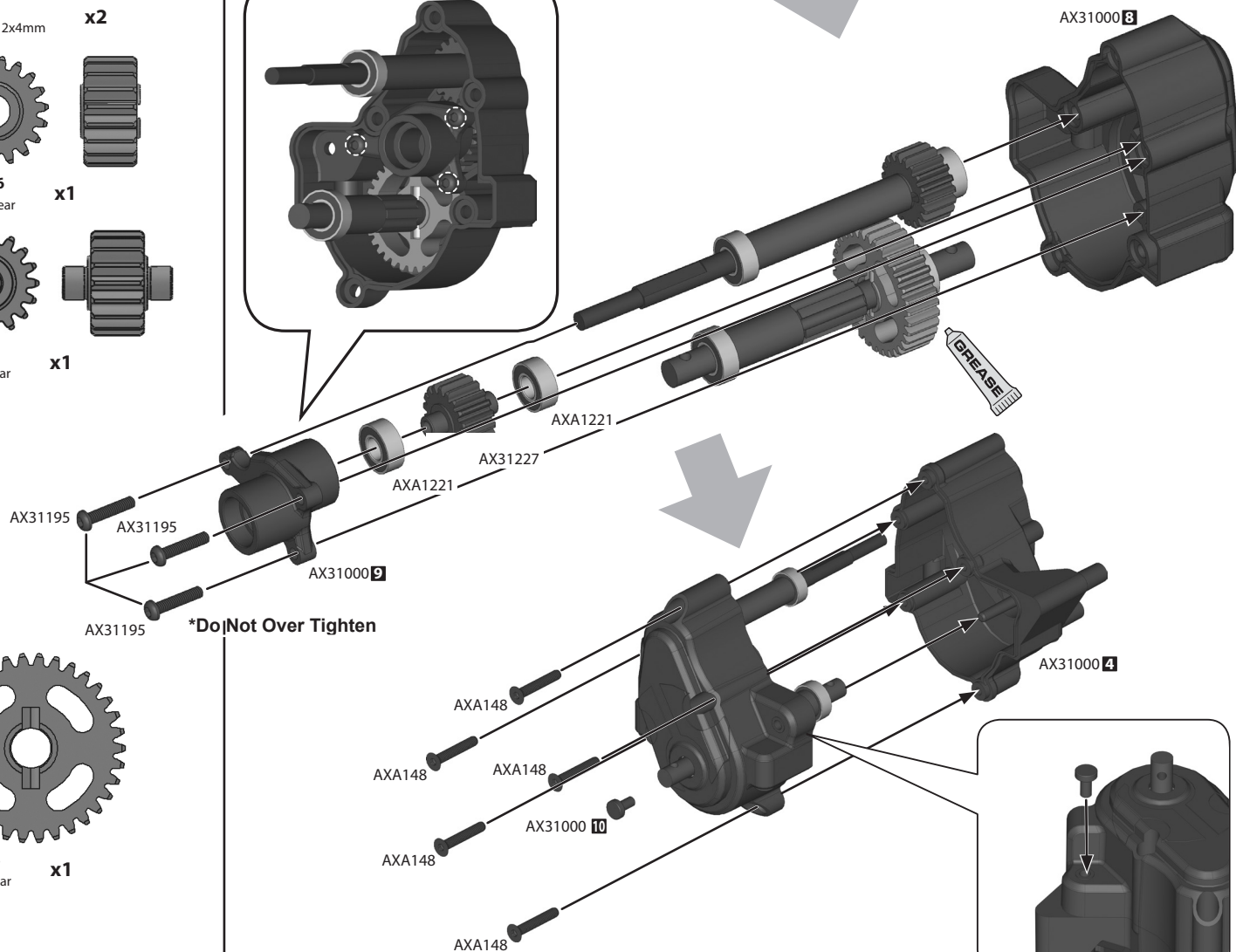
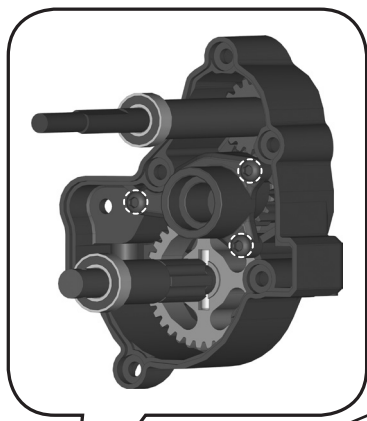
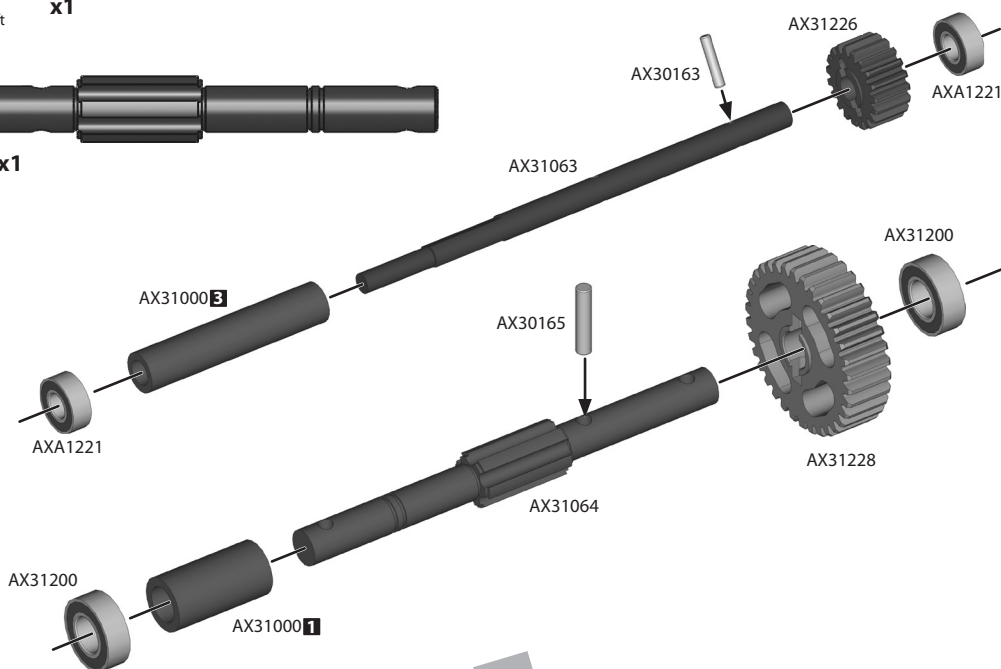
AX31226
32P 19T Gear **x1**



AX31227
32P 18T Gear **x1**



AX31228
32P 34T Gear **x1**



31



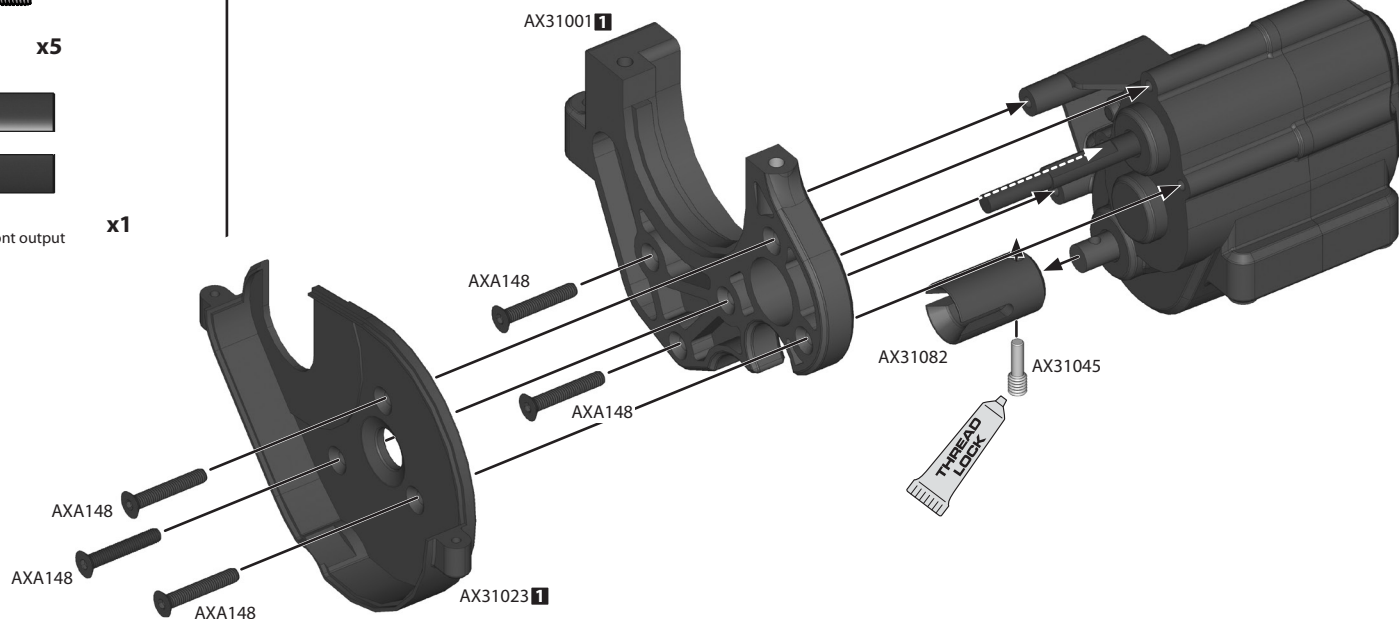
AX31045
M4x2.5x13mm **x1**



AXA148
M3x18mm **x5**



AX31082
Transmission front output **x1**



32



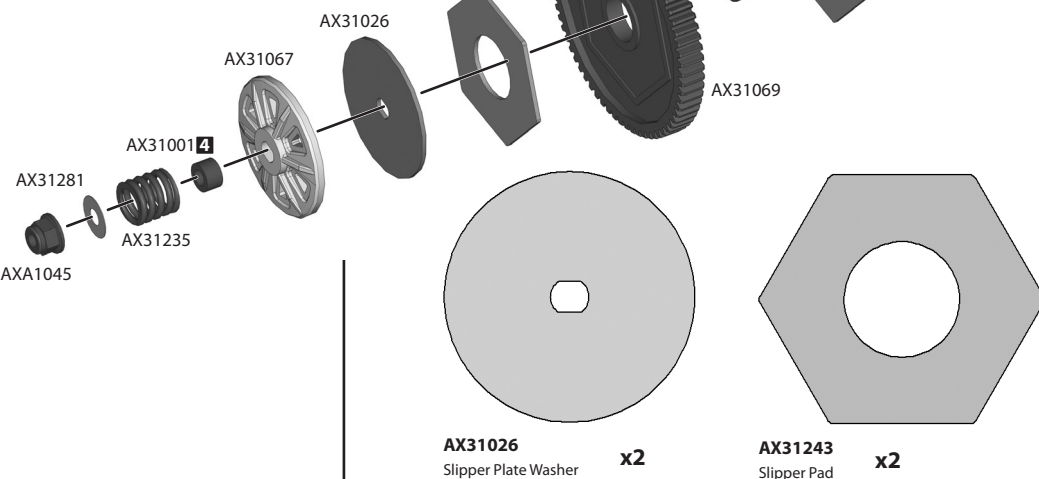
AXA1045
M4 Nylon Lock Nut **x1**



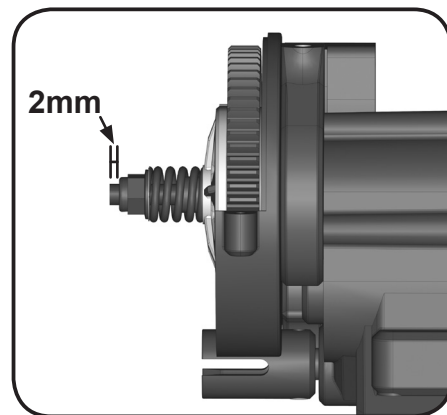
AX31235
Spring 1.9x6.9x10mm **x1**



AX31281
Washer 4x11x1mm **x1**



*See Slipper Adjustment on page 50



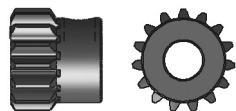
33



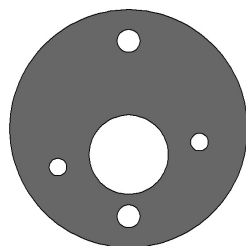
AXA0147
M3x16mm **x2**



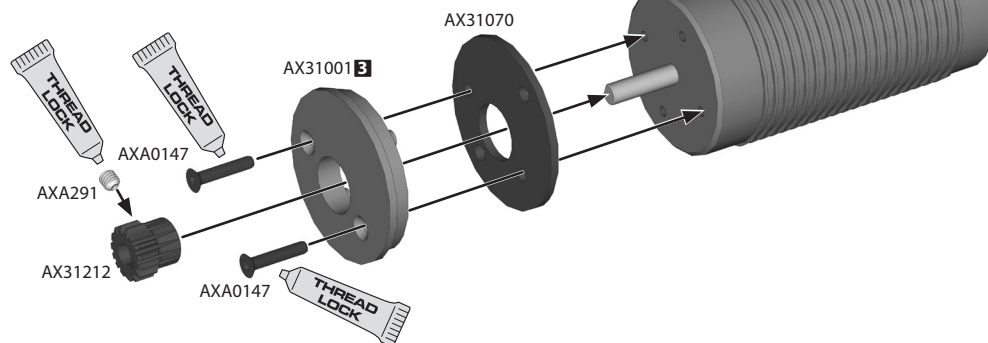
AXA291
M4x4mm Set Screw (Black) **x1**



AX31212
Pinion Gear 32P 15T **x1**



AX31070
Motor Plate **x1**



34



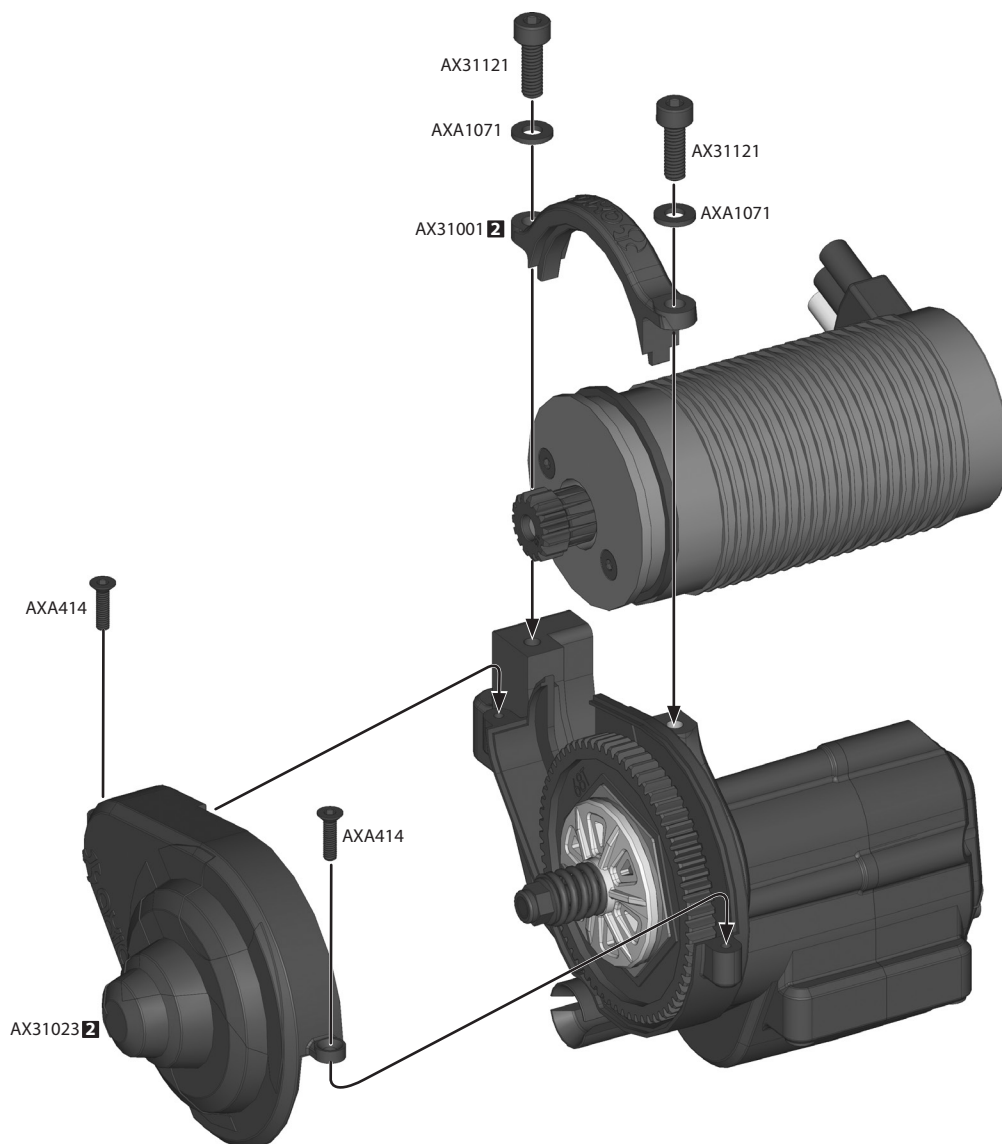
AX31121
M4x12mm **x2**



AXA1071
Washer 4x8x1mm **x2**



AXA414
M2.6x10mm **x2**



35



AXA146
M3x12mm x1



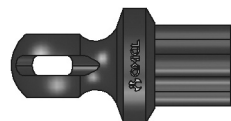
AX31232
M4x16.5mm x1



AX31222
Pin 2.5x14.8mm x1



AX31222
UV joint coupler x1



AX31221
Output Shaft x1



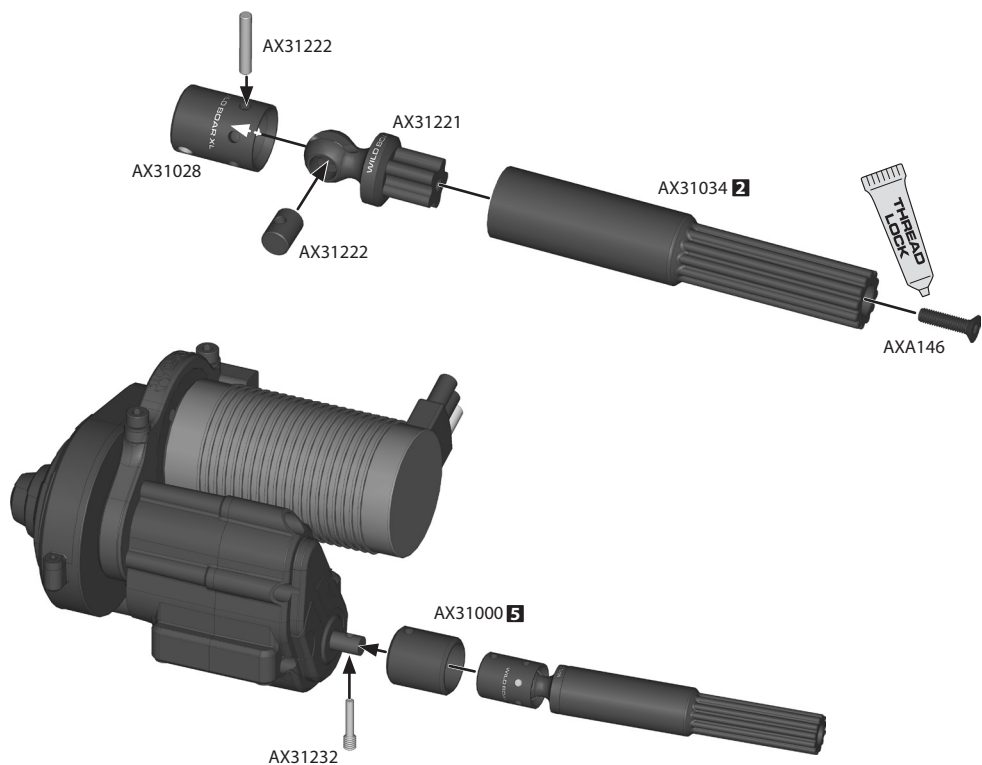
AX31028
Transmission Rear Output x1



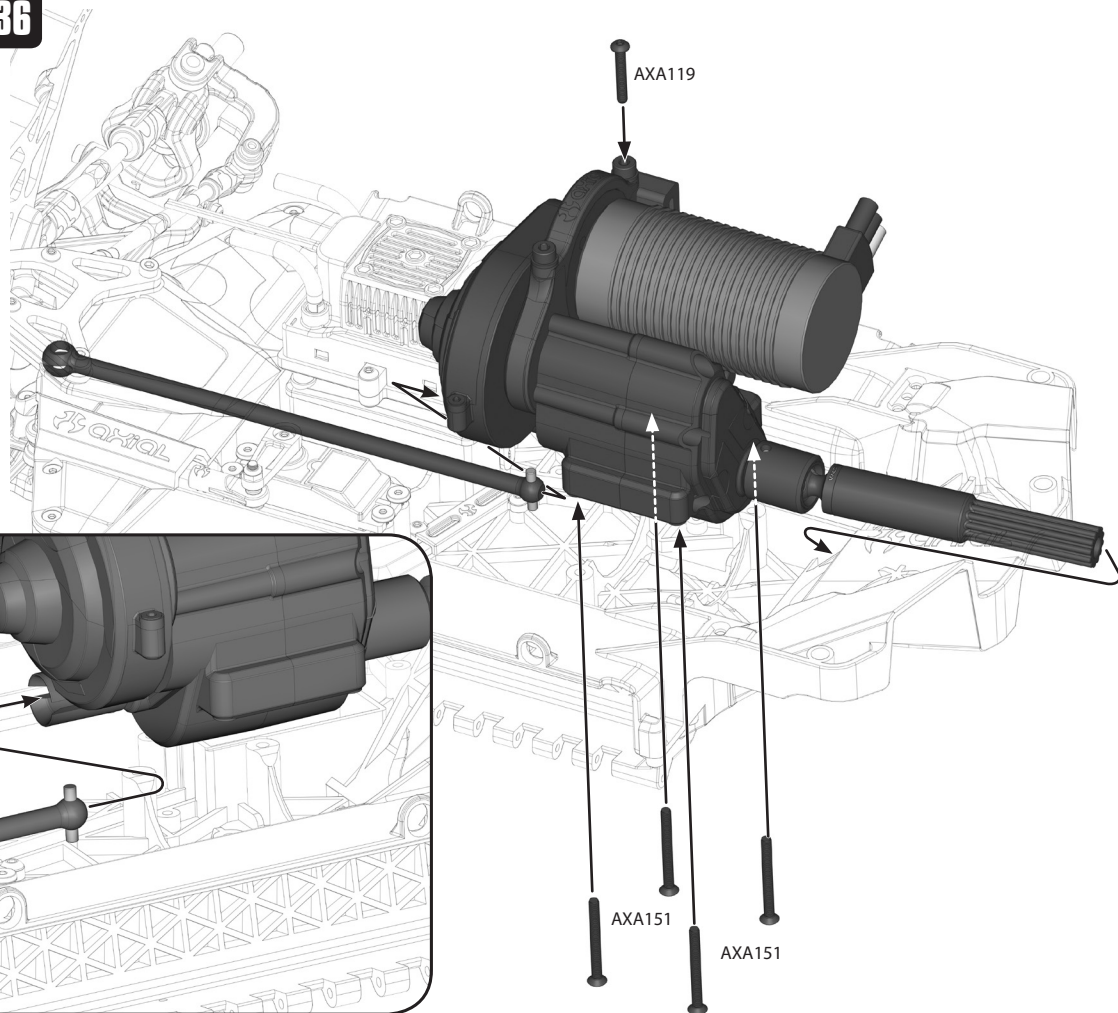
AXA119
M3x20mm x1



AXA151
M3x30mm x4



36



E**Open Bag E****3****Open Plastic Bag 3****37**

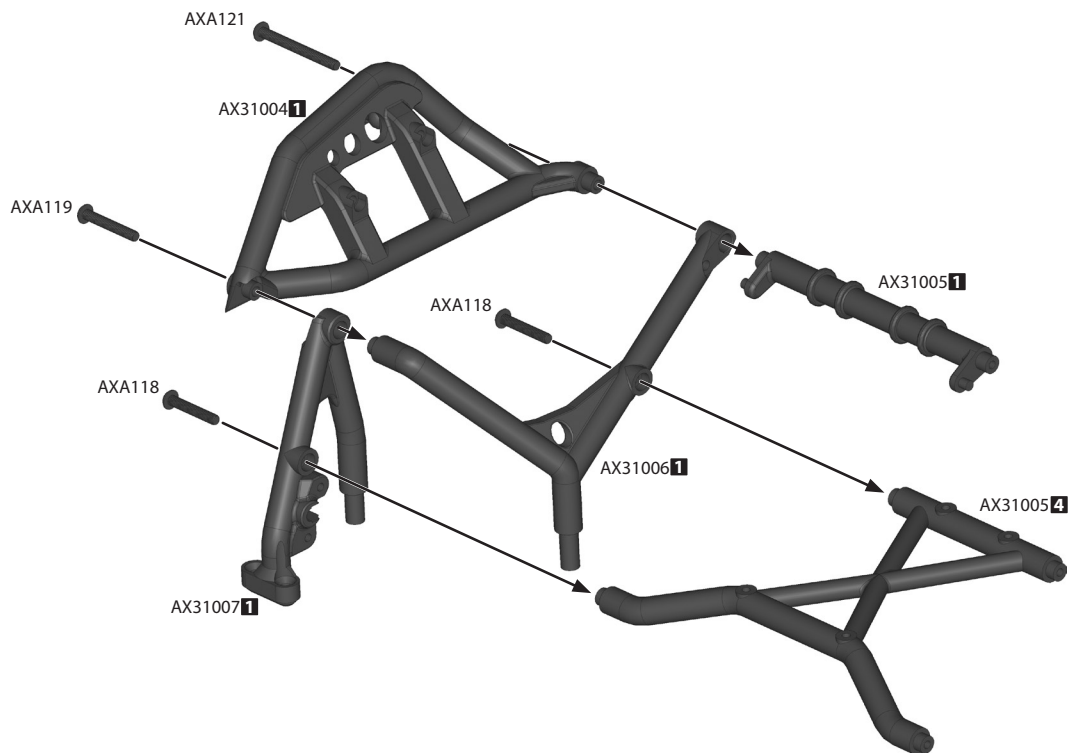
AXA118
M3x18mm **x2**



AXA119
M3x20mm **x1**



AXA121
M3x30mm **x1**

**38**

AXA145
M3x10mm **x4**



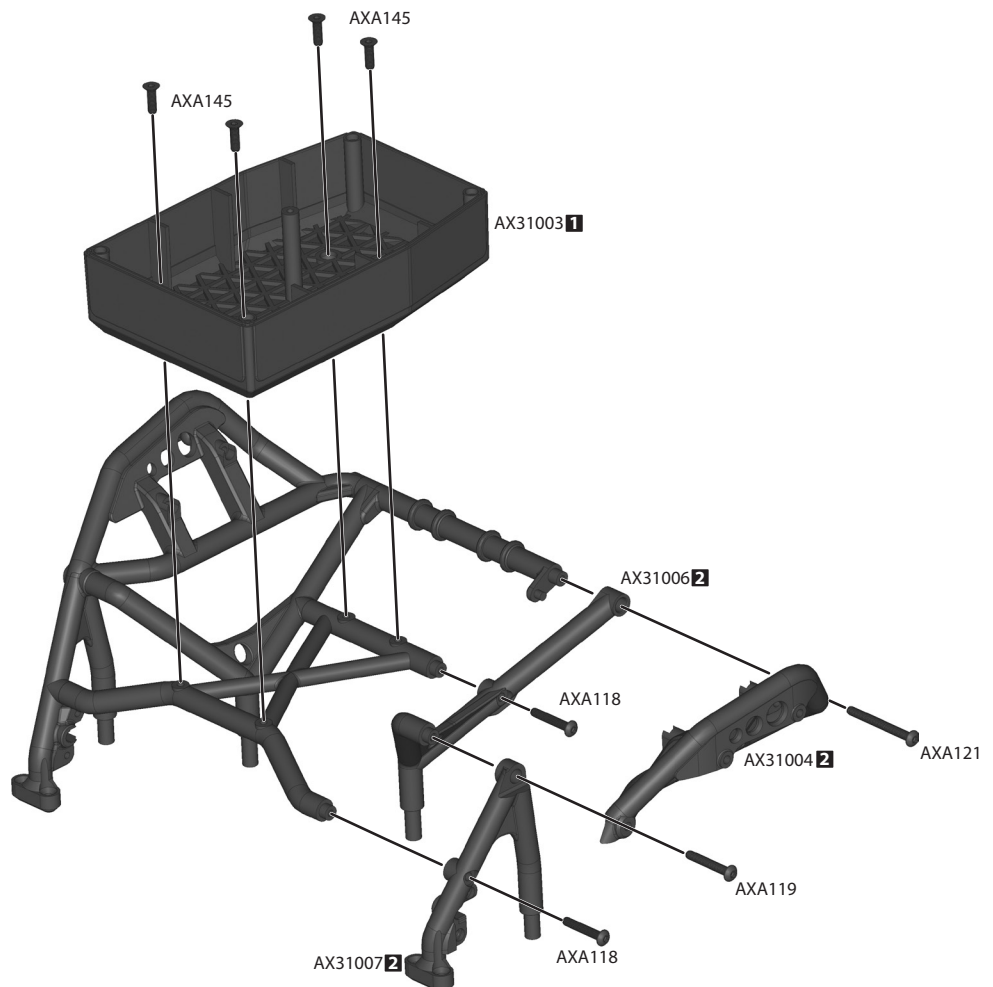
AXA118
M3x18mm **x2**



AXA119
M3x20mm **x1**



AXA121
M3x30mm **x1**



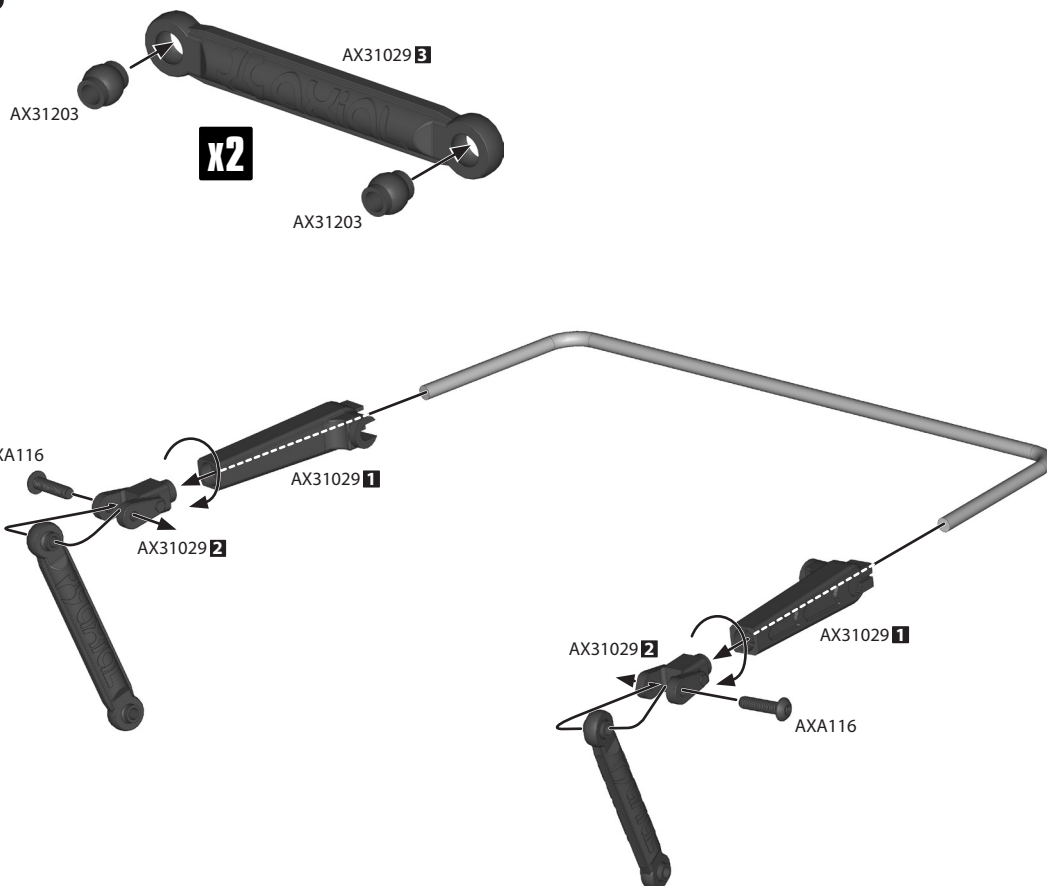
39



AXA116
M3x12mm **x2**



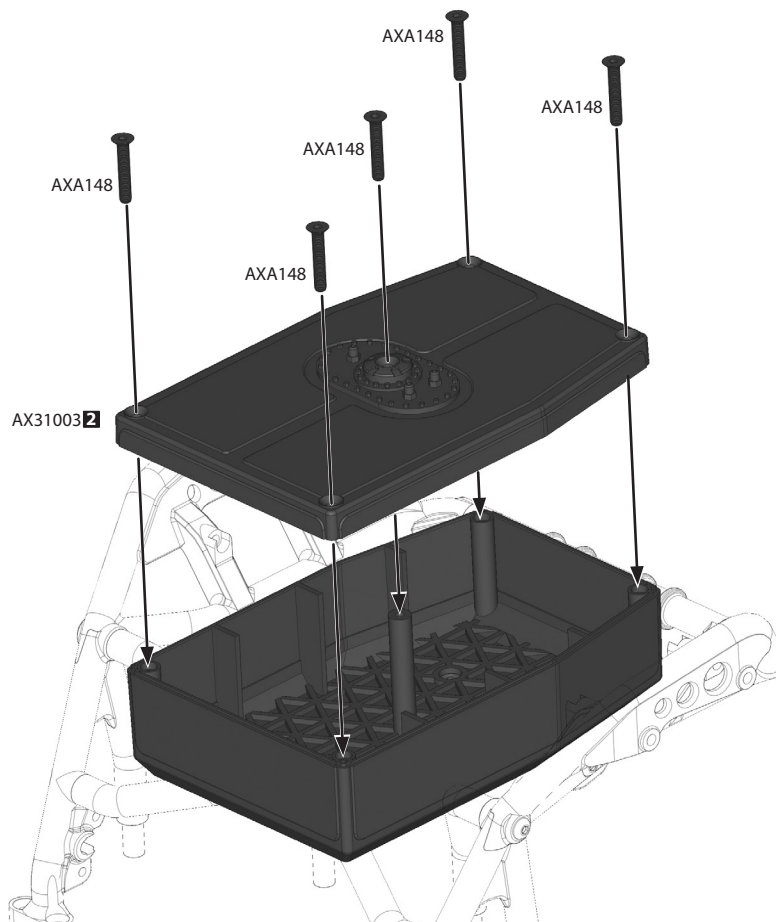
AX31203
Ball 3x5.8x6mm **x4**



40



AXA148
M3x18mm **x5**



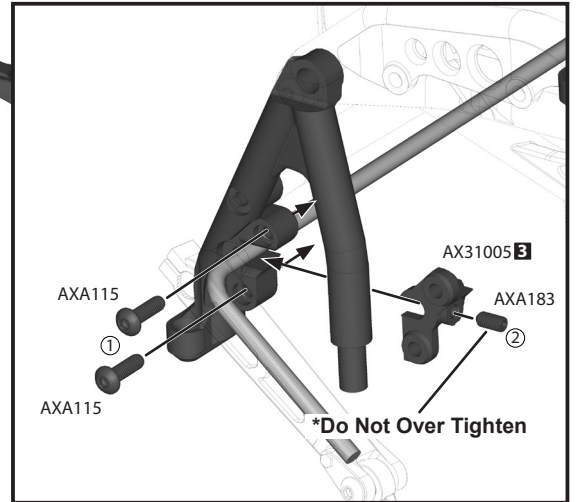
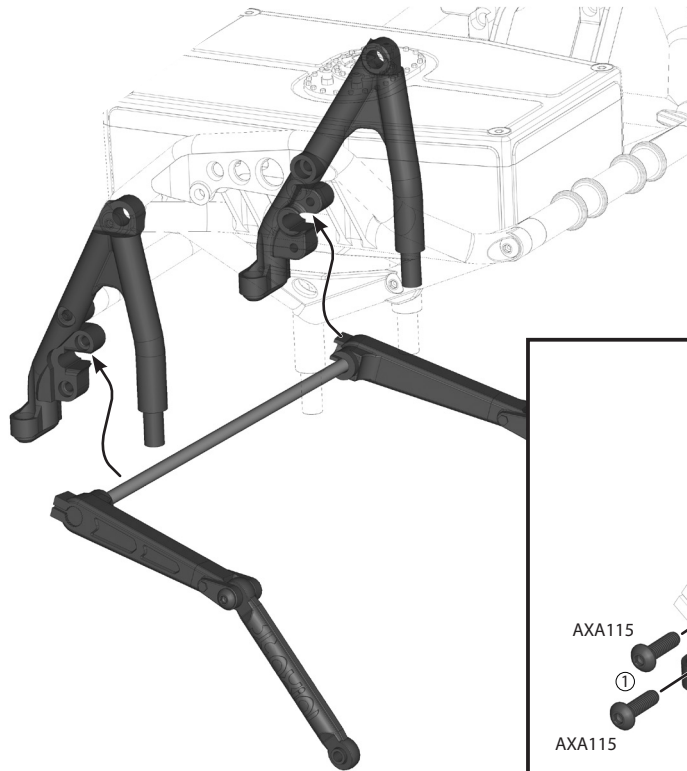
41



AXA115
M3x10mm **x4**



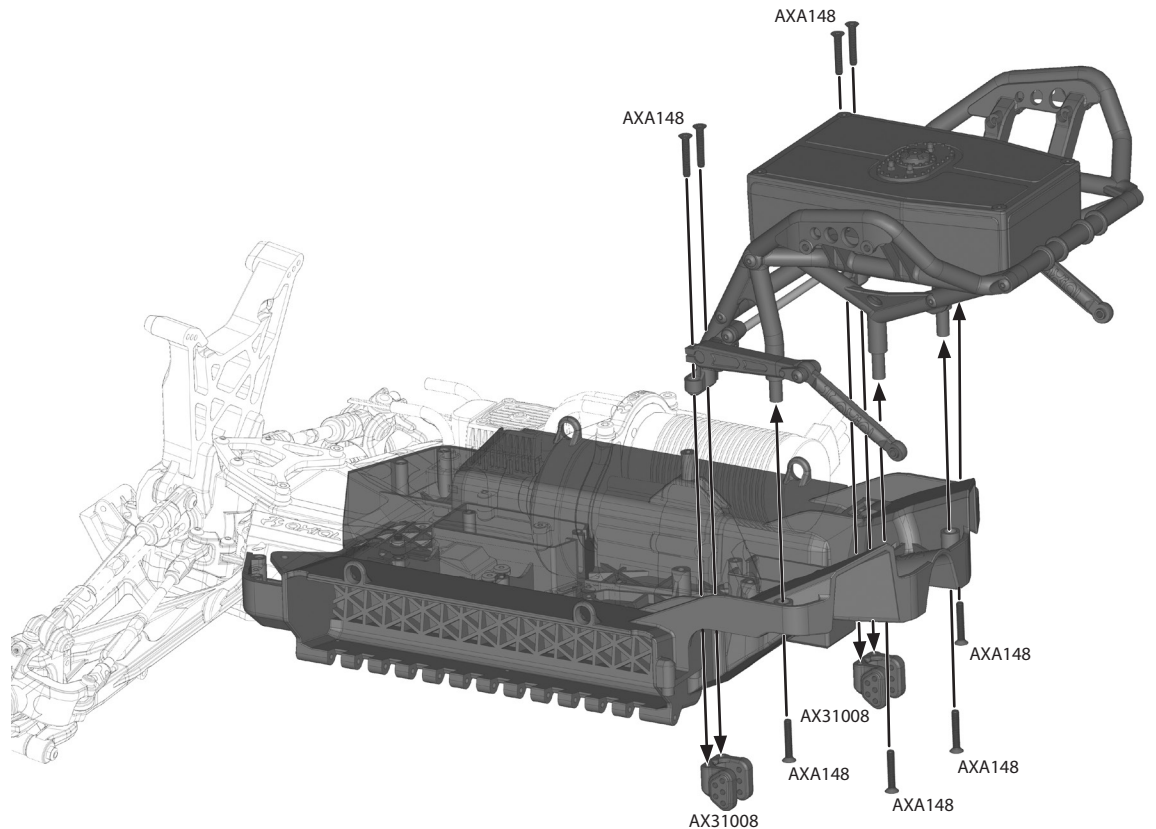
AXA183
M3x6mm Set Screw **x2**



42



AXA148
M3x18mm **x8**



43



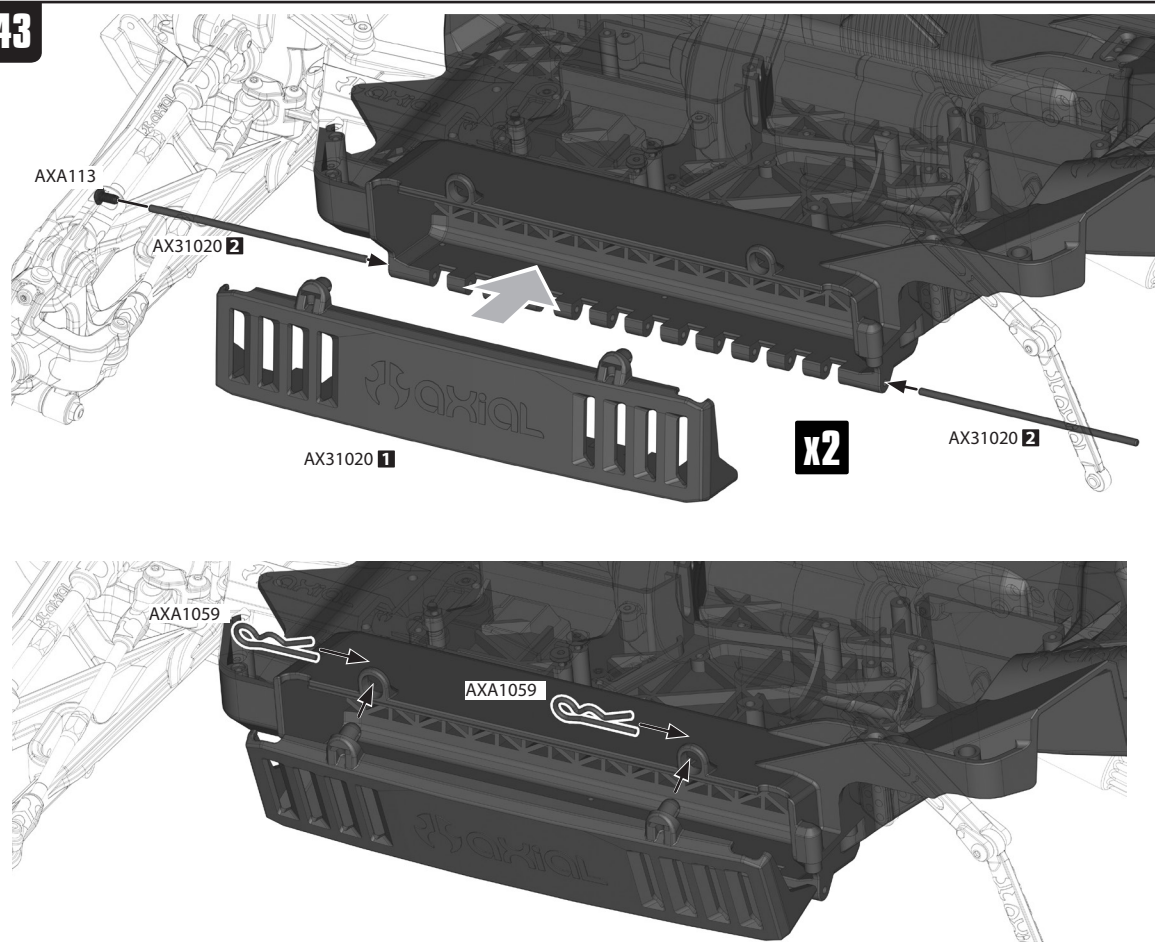
AXA113
M3x6mm

x2



AXA1059
6mm Body clip (Black)

x4



44



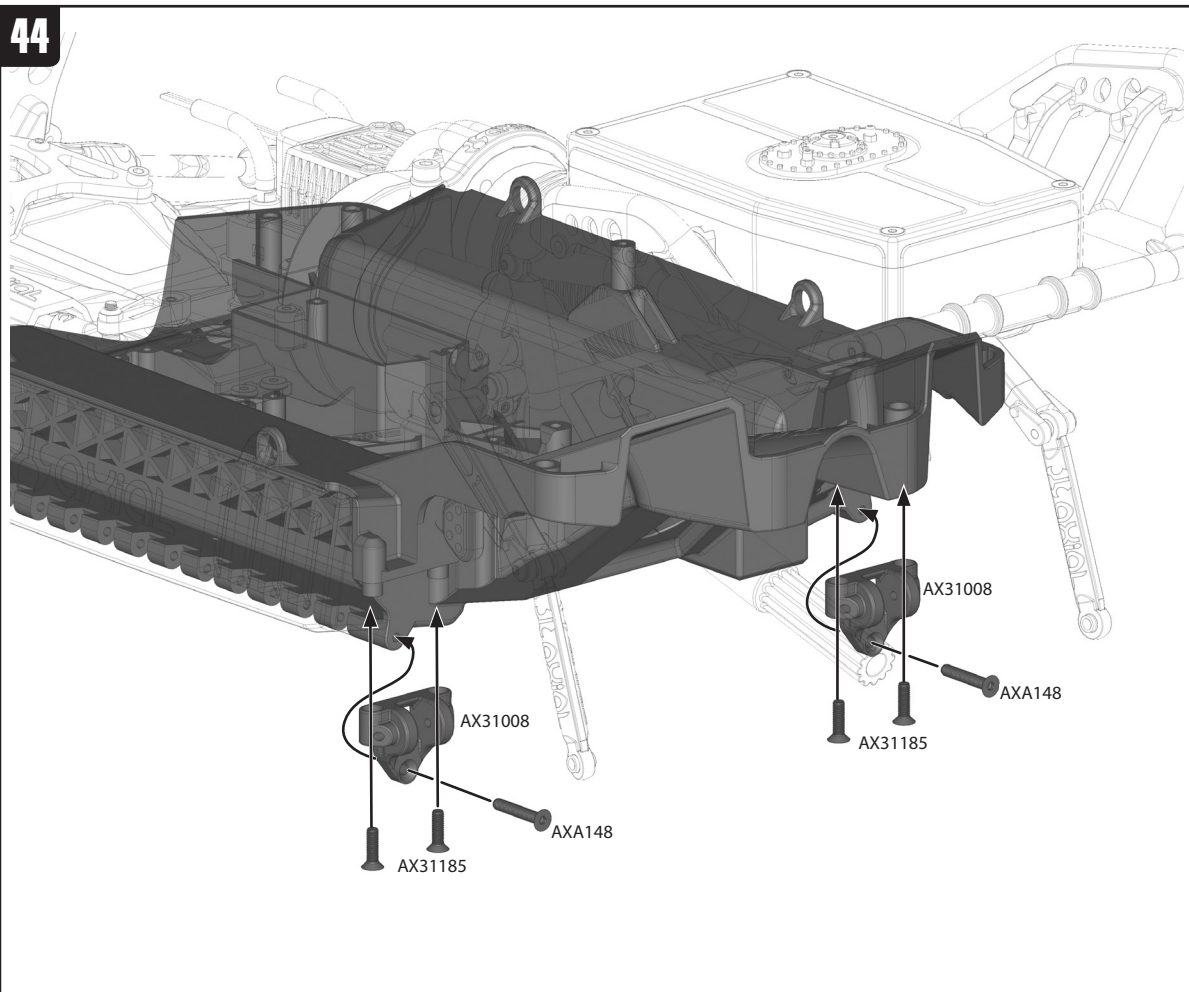
AX31185
M3x10mm

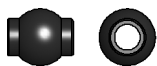
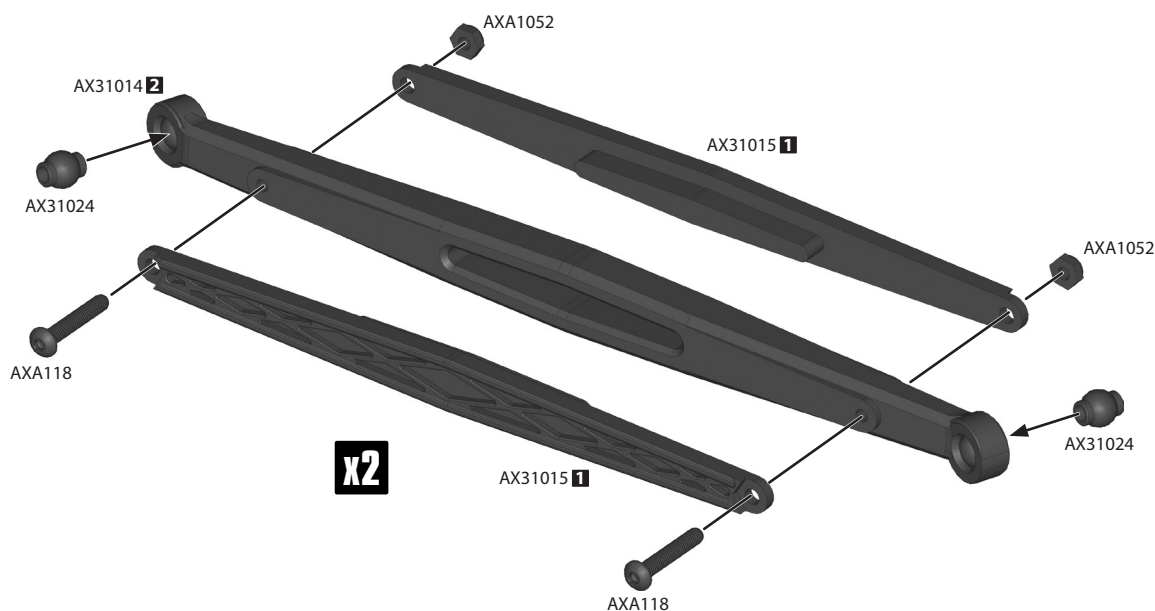
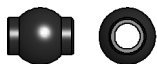
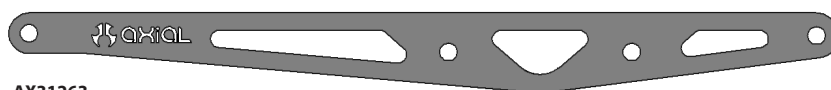
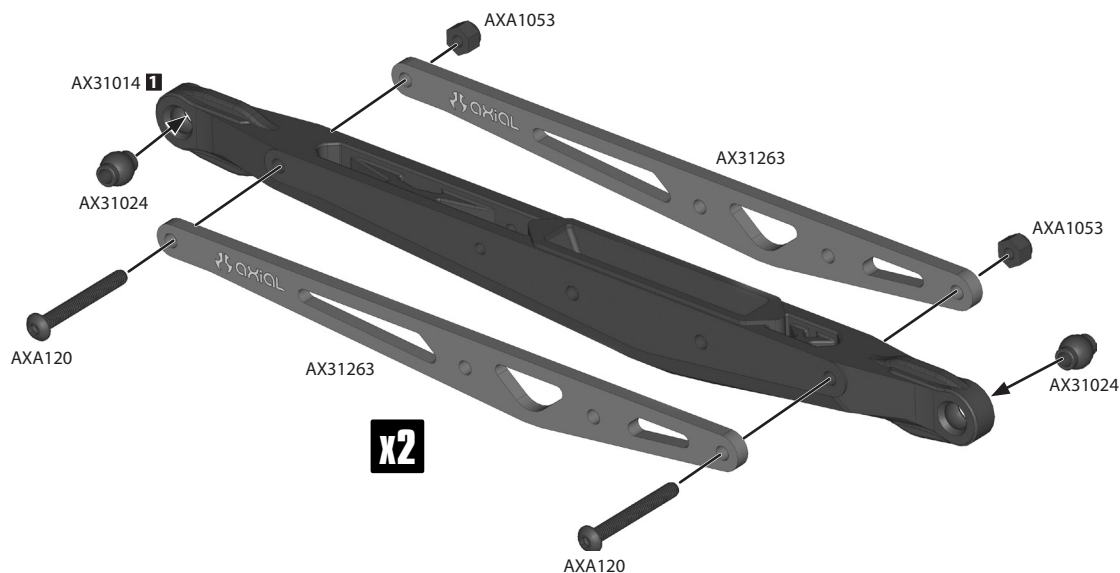
x4



AXA148
M3x18mm

x2



F**Open Bag F****45****AXA118**
M3x18mm**x4****AXA1052**
M3 Thin Nylon Locking Hex Nut**x4****AX31024**
Ball 6.8x8x3**x4****46****AXA120**
M3x25mm**x4****AXA1053**
M3 Nylon Locking Hex Nut**x4****AX31024**
Ball 6.8x8x3**x4****AX31263**
XL Upper Link Plate**x4**

47



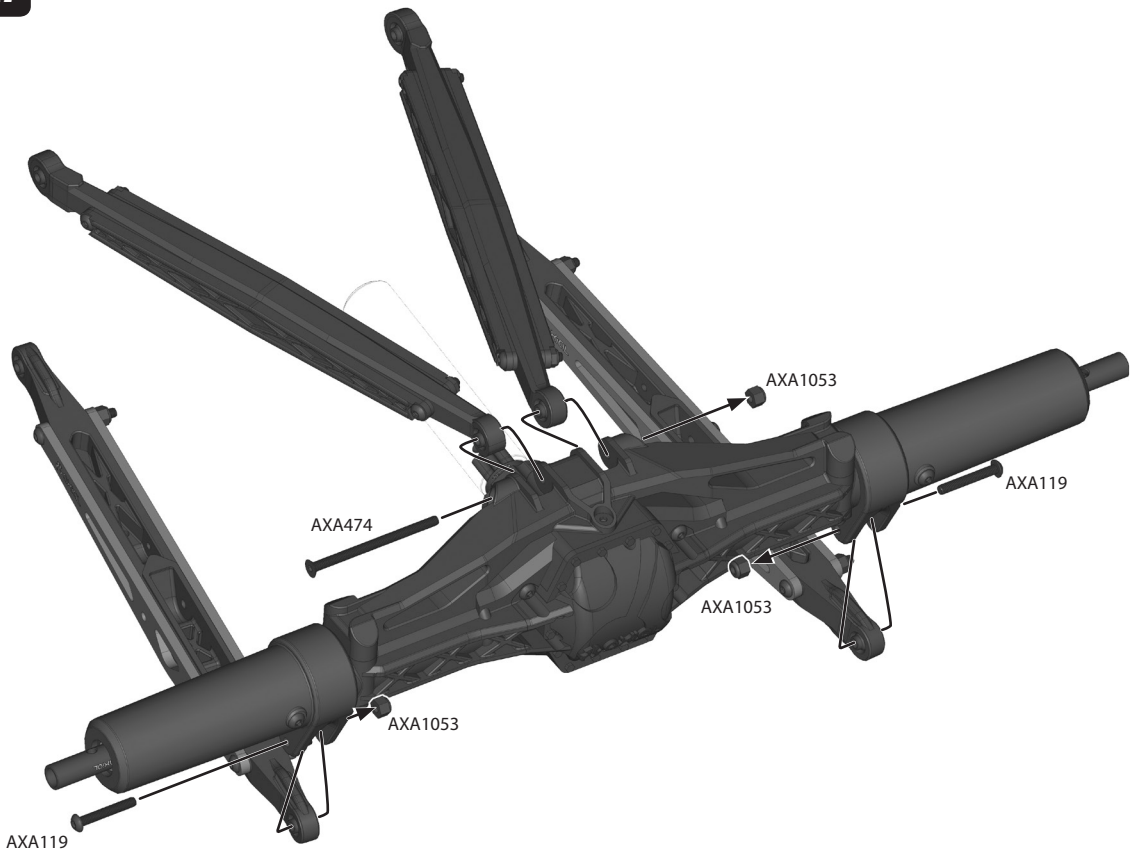
AXA119
M3x20mm **x2**



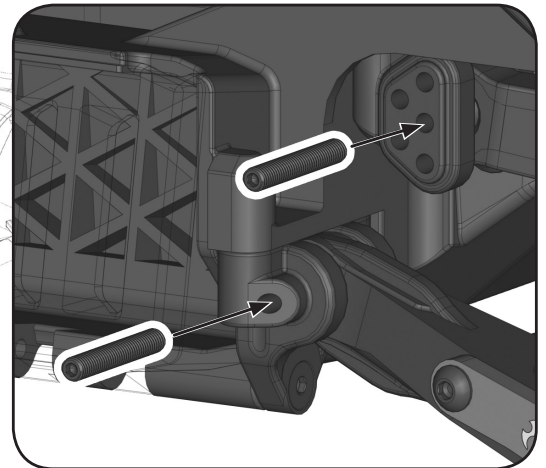
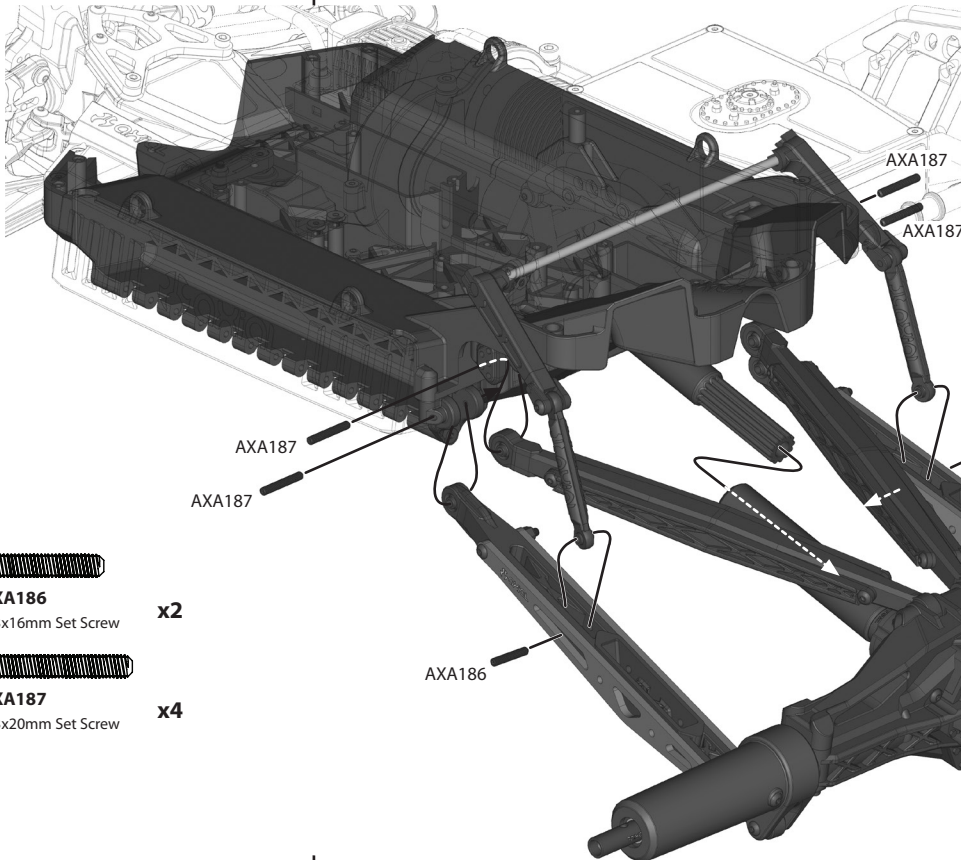
AXA474
M3x45mm **x1**



AXA1053
M3 Nylon Locking Hex Nut **x3**



48



AXA186
M3x16mm Set Screw **x2**



AXA187
M3x20mm Set Screw **x4**



AXA1041
M2.5 Nylon Locking Hex Nut

x4



AXA1069
Washer 2.7x6.7x0.5 mm

x8



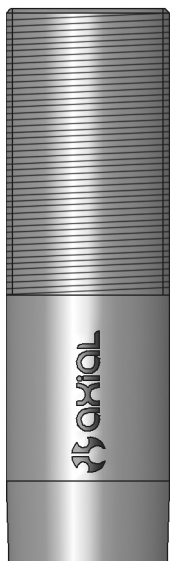
AX31076
P4 Oring

x8



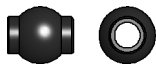
AX31075
O-Ring 15.5x1.5mm

x8



AX31275
Shock Body 99-150mm

x4



AX31024
Ball 6.8x8x3

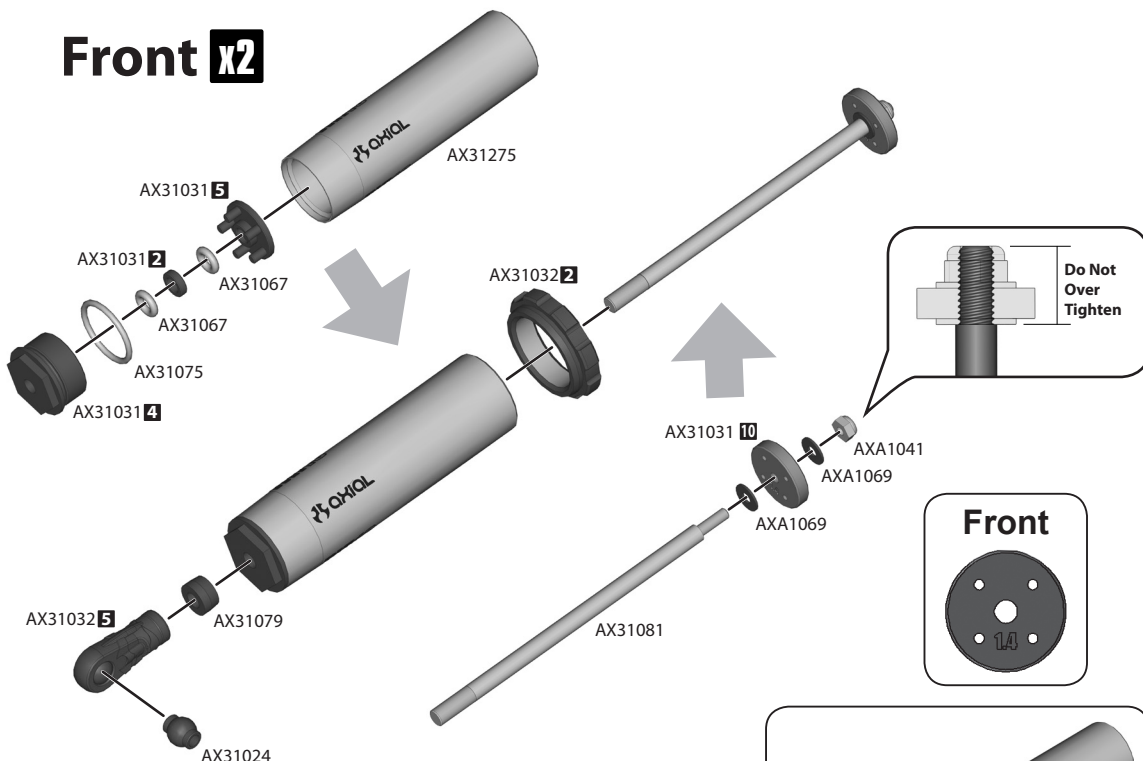
x4



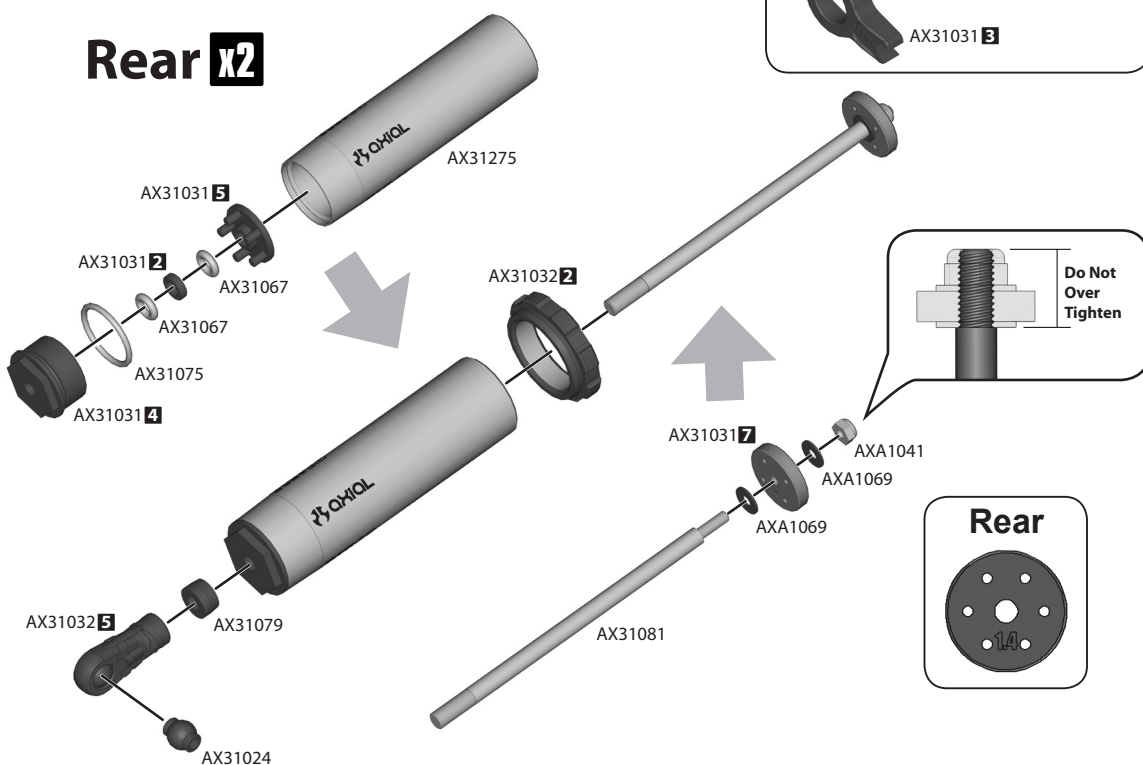
AX31081
83x4mm polished Shock Shaft

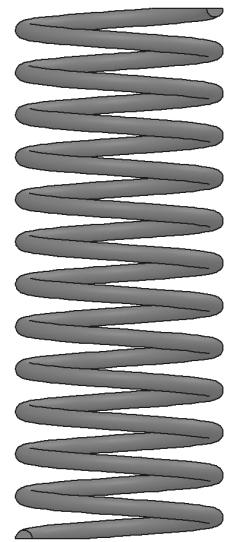
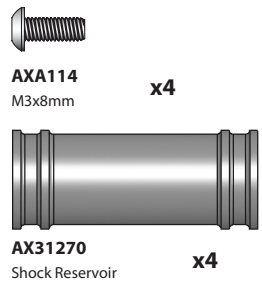
x4

Front x2

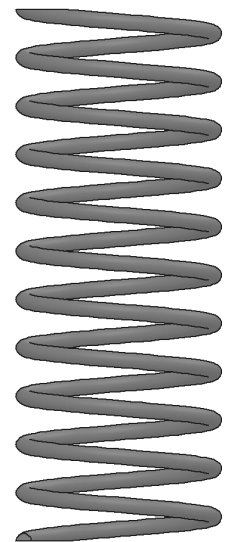


Rear x2



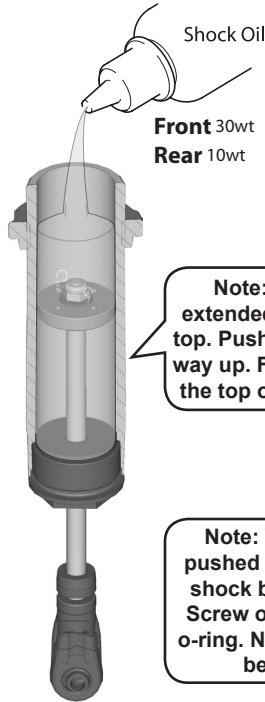
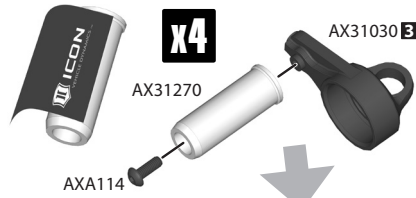


AX31277
Spring 23x70mm 7.9 lbs/in - (Yellow) **x2**



AX31279
Spring 23x70mm 6.3 lbs/in - (Green) **x2**

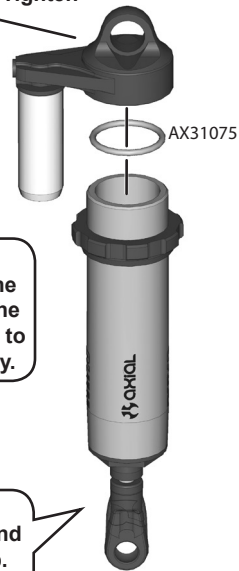
50



***Do Not Over Tighten**

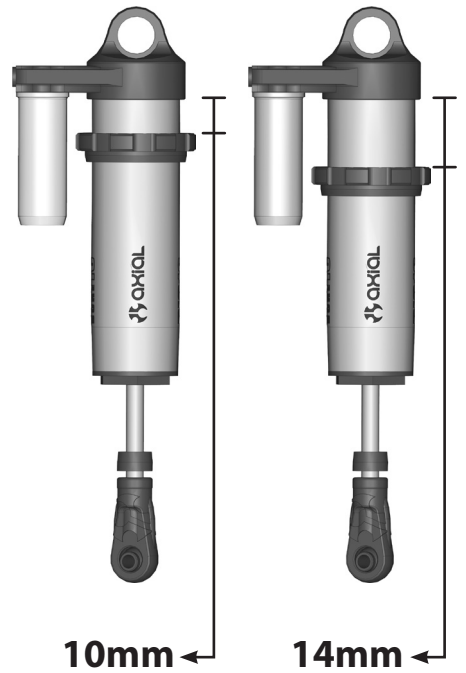
Note: With rod fully extended fill almost to the top. Push rod/piston all the way up. Fill as necessary to the top of the shock body.

Note: With rod/piston pushed all the way up and shock body filled to top. Screw on shock cap with o-ring. No bleeding should be necessary.

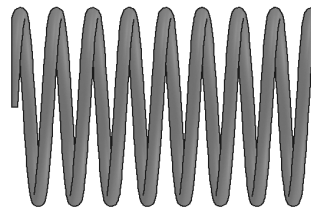


Front

Rear



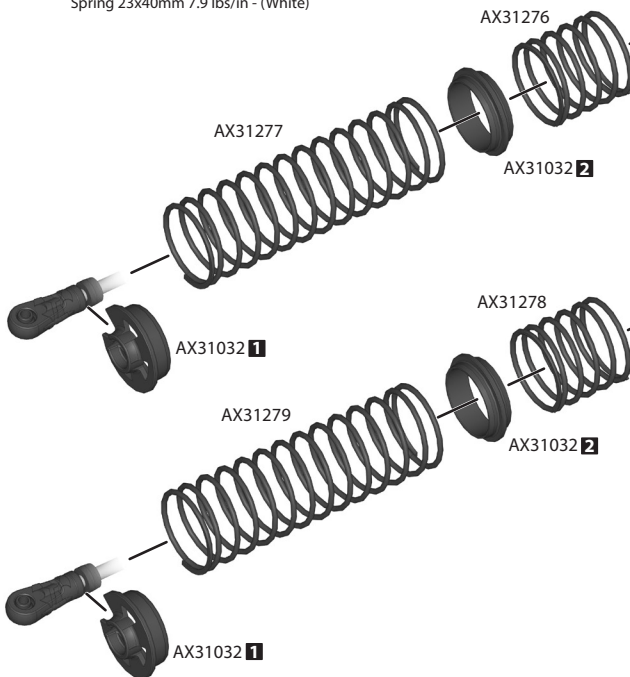
51



AX31276
Spring 23x40mm 7.9 lbs/in - (White) **x2**

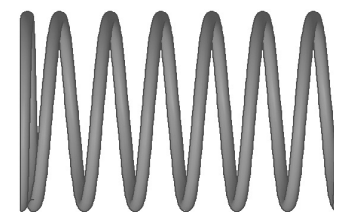
Front

x2



Rear

x2

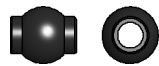


AX31278
Spring 23x40mm 3.2 lbs/in - (Red) **x2**

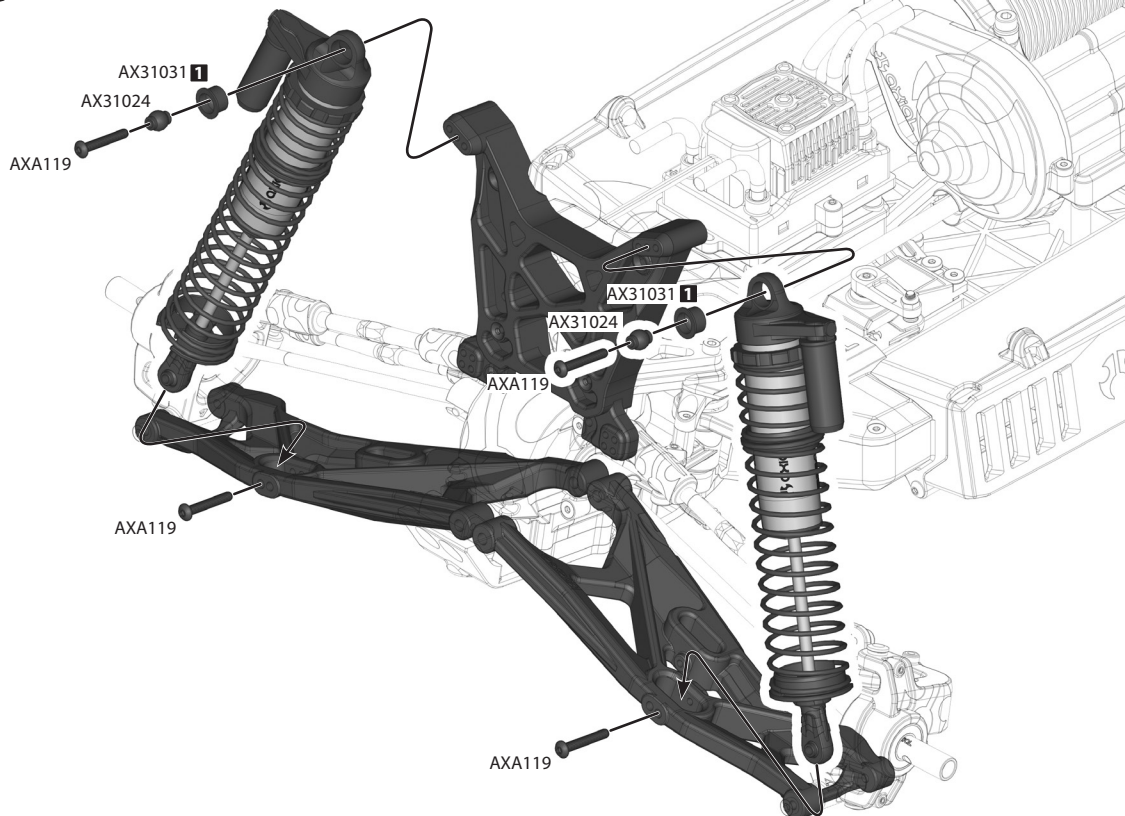
52



AXA119
M3x20mm **x4**



AX31024
Ball 6.8x8x3 **x2**



53



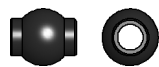
AXA120
M3x25mm **x2**



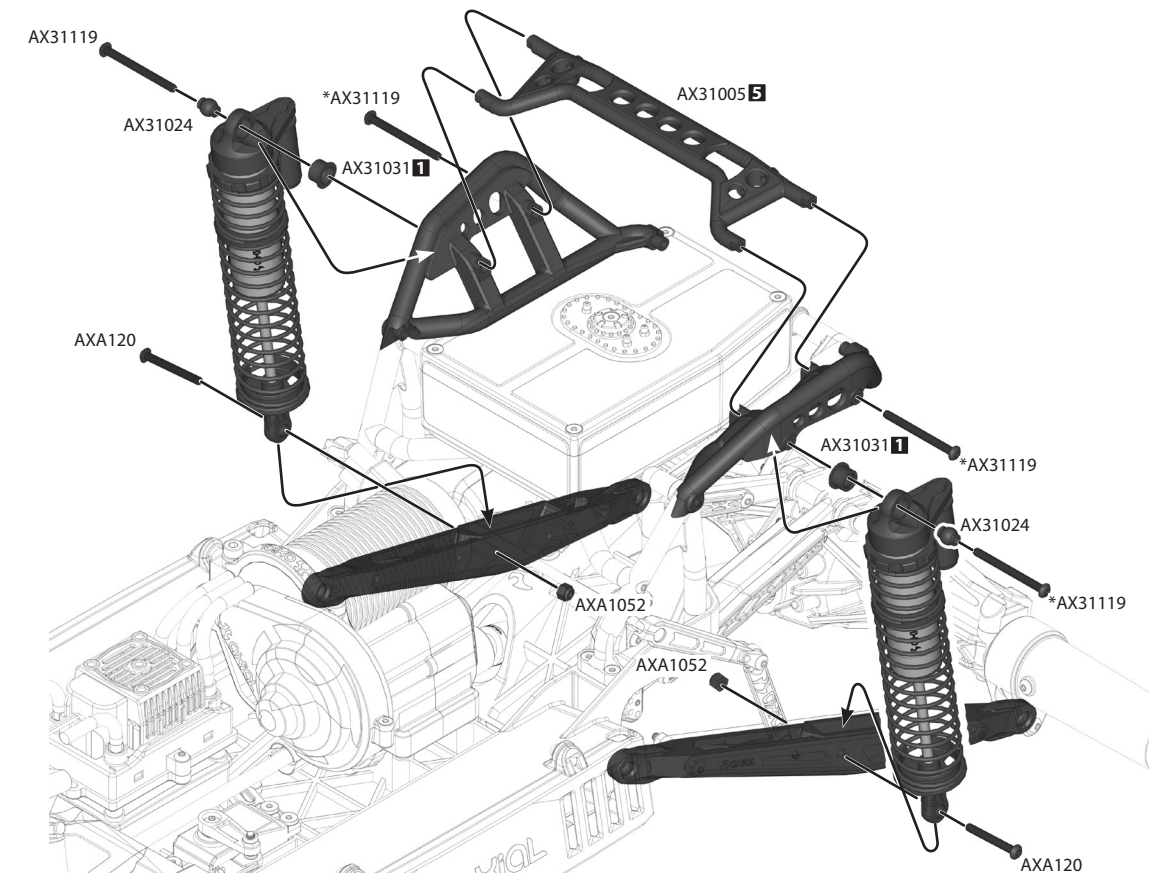
AX31119
M3x25mm **x4**



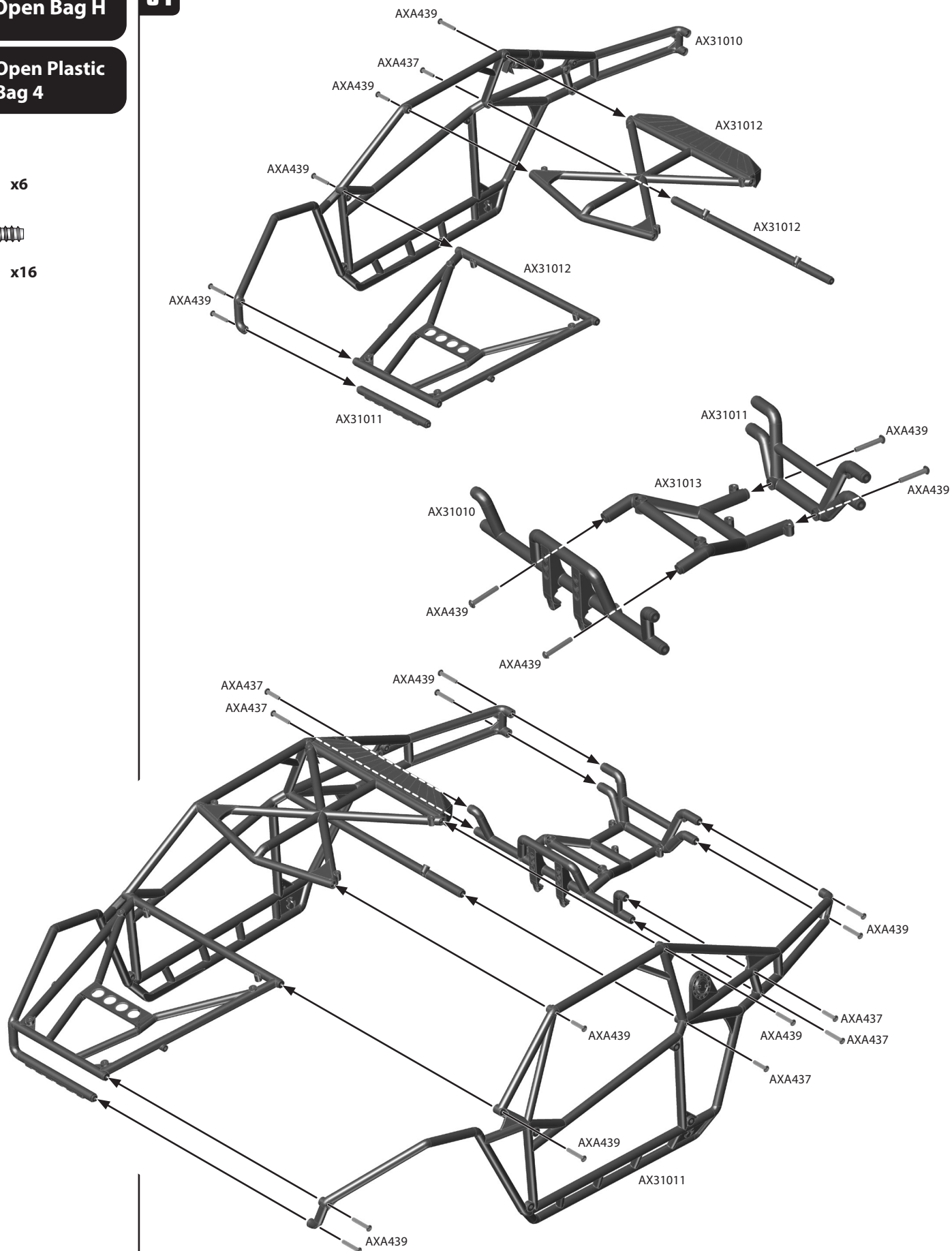
AXA1052
M3 Nylon Locking Hex Nut **x2**



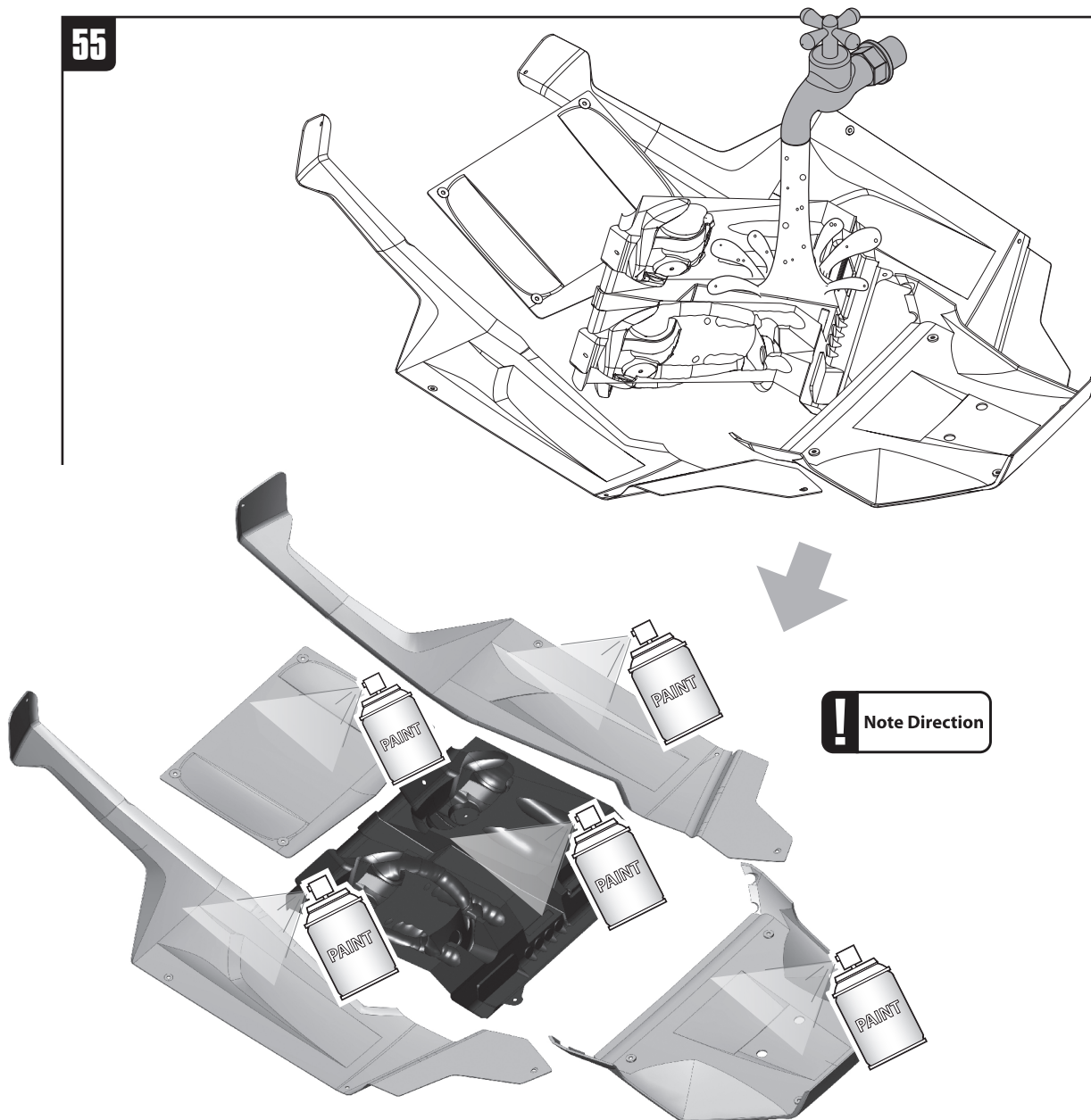
AX31024
Ball 6.8x8x3 **x2**



* Do Not Over Tighten

H**Open Bag H****4****Open Plastic Bag 4****54****AXA437**
M3x25mm**x6****AXA439**
M3x20mm**x16**

55

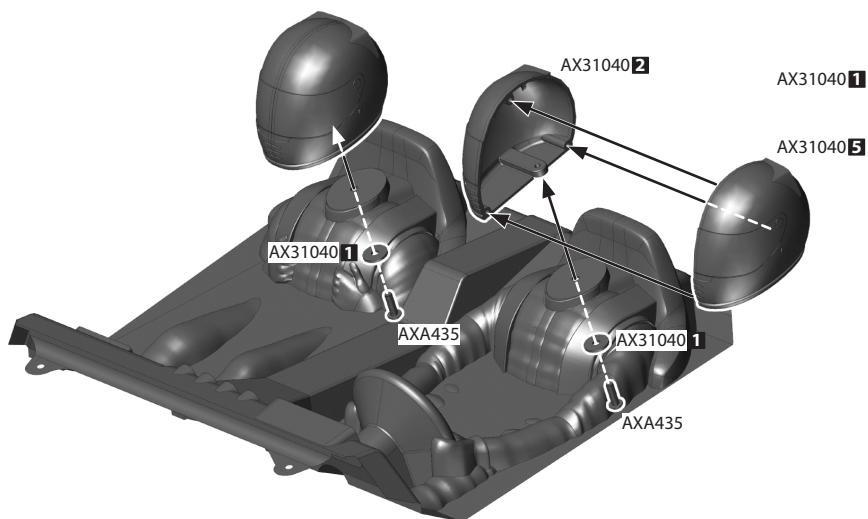


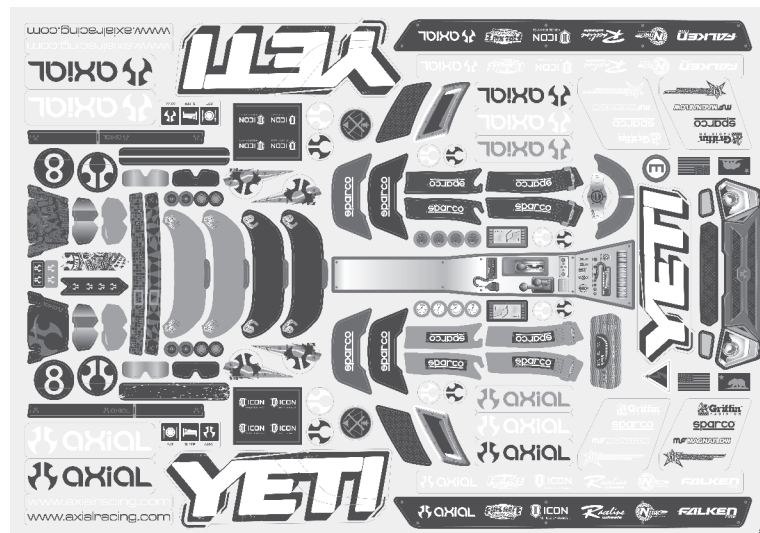
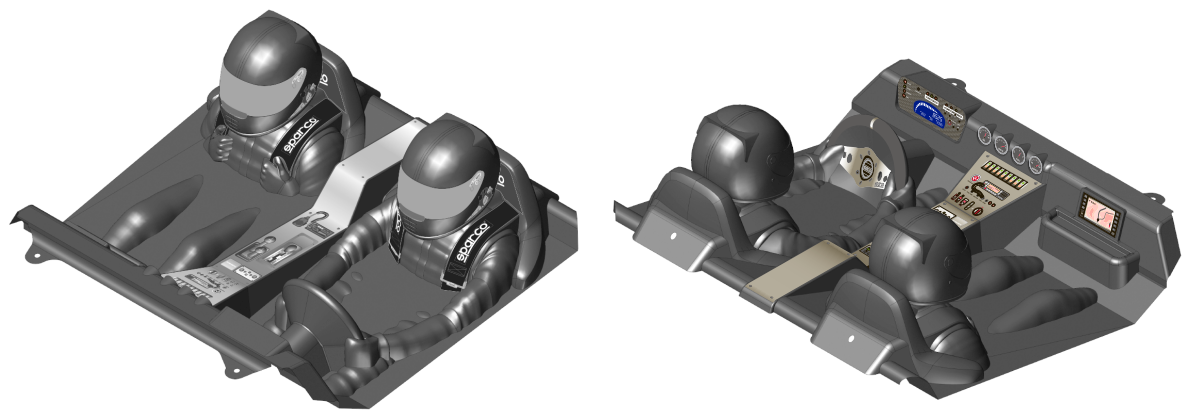
56



AXA435
M3x10mm

x2



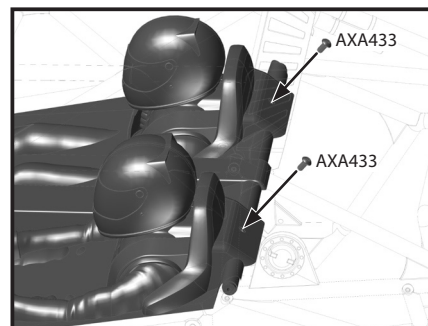
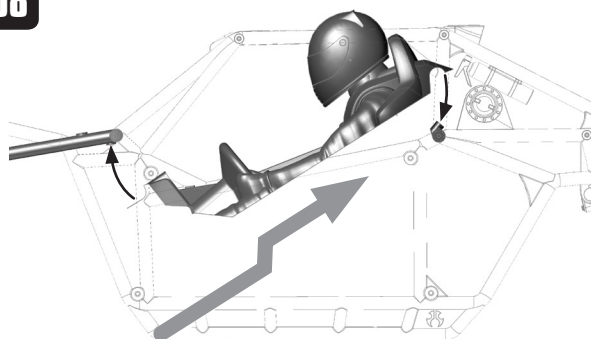




AXA433
M3x6mm

x2

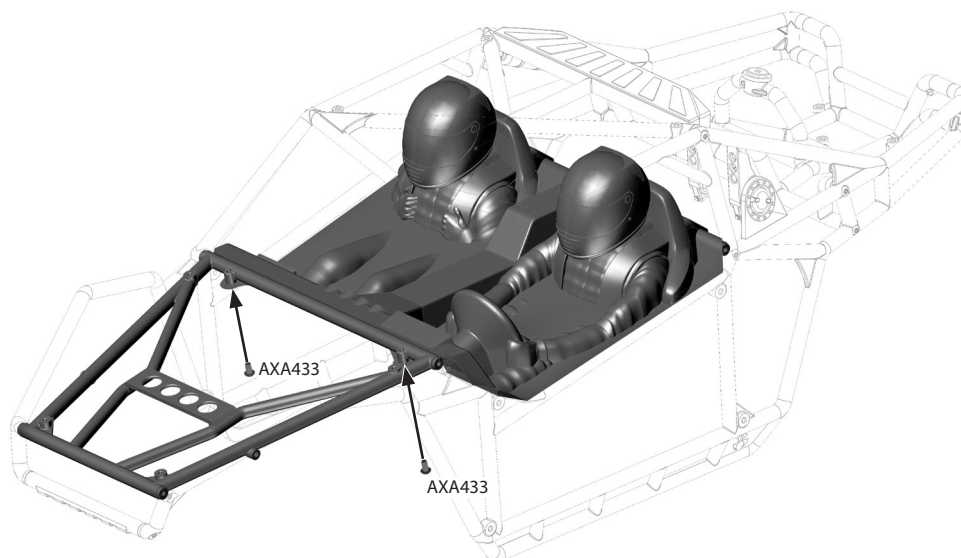
58



AXA433
M3x6mm

x2

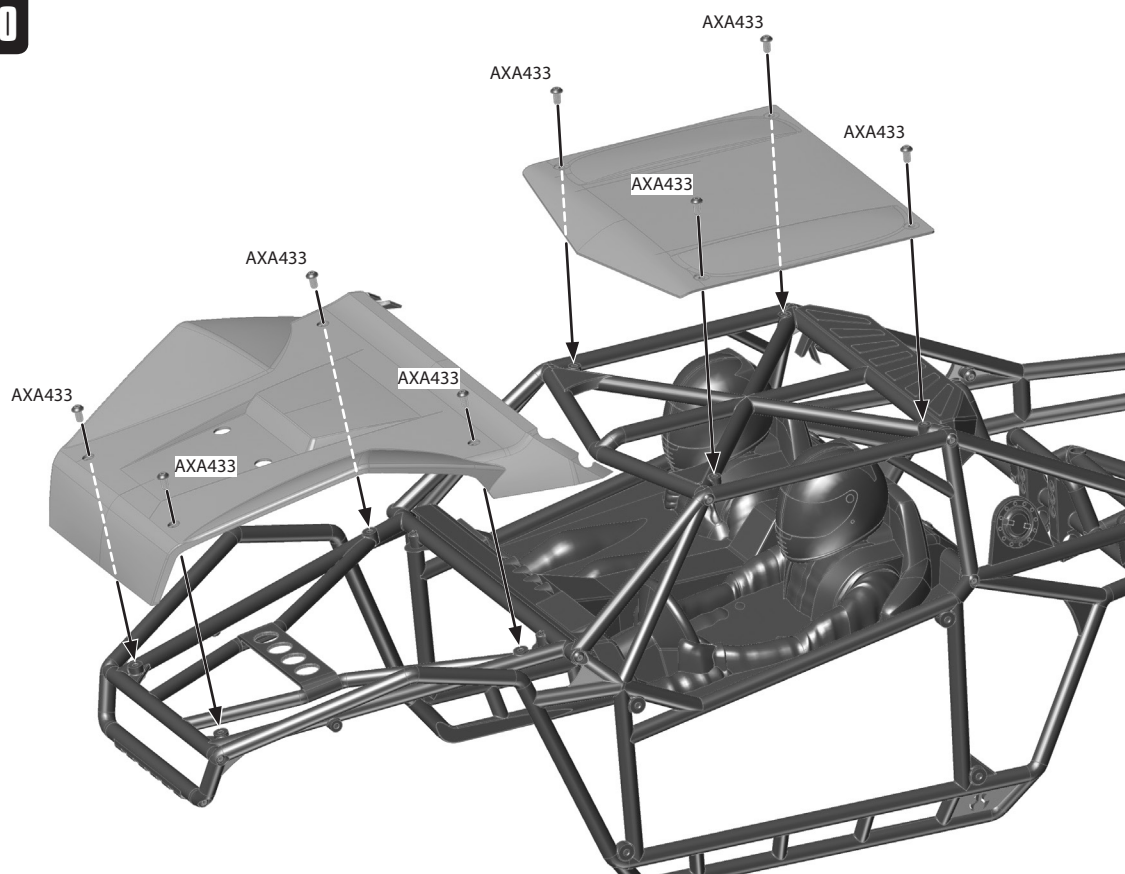
59



AXA433
M3x6mm

x8

60





AXA433
M3x6mm

x12



AXA434
M3x8mm

x2



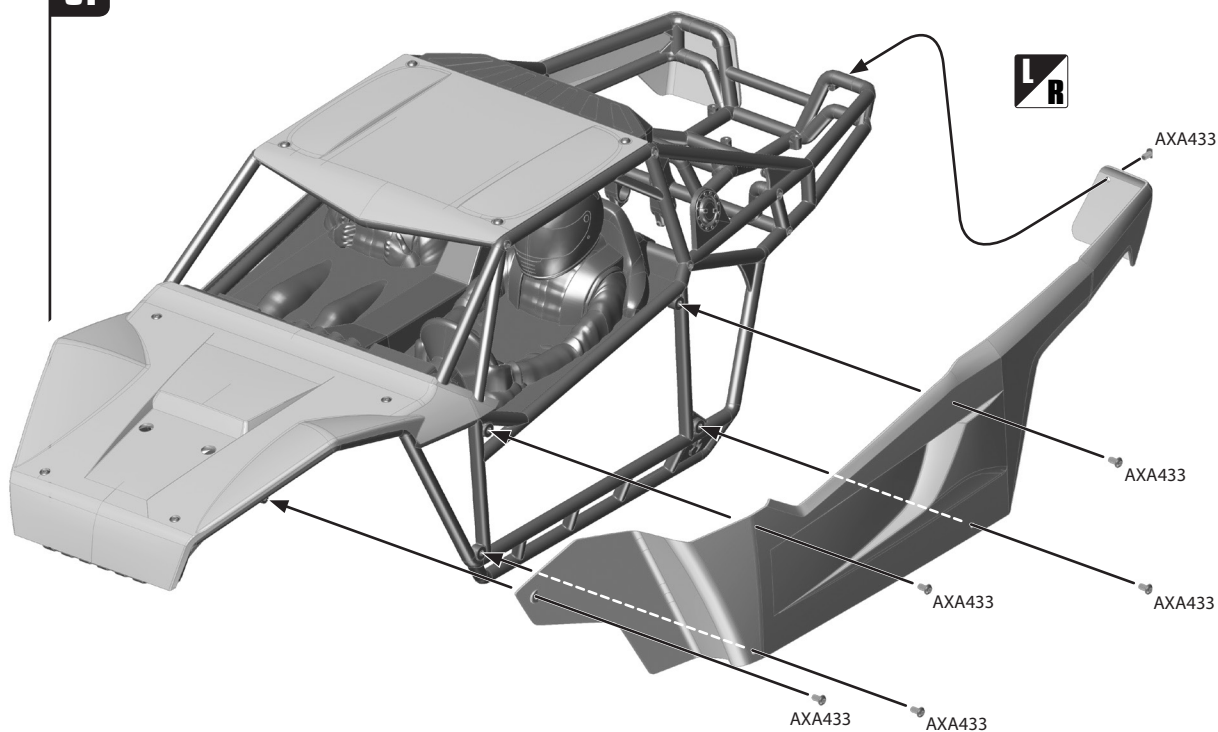
AXA435
M3x10mm

x2

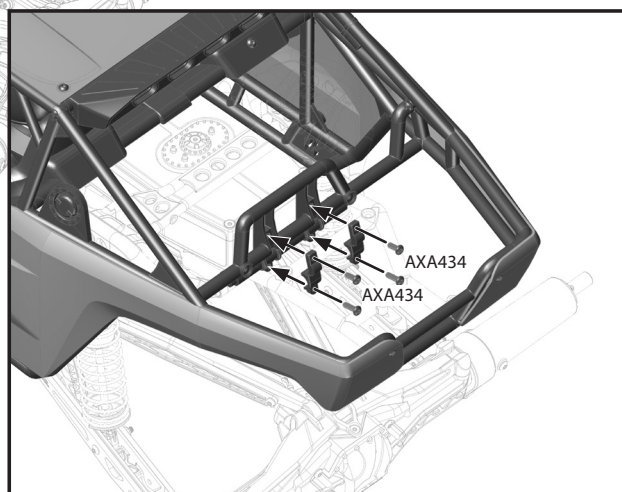
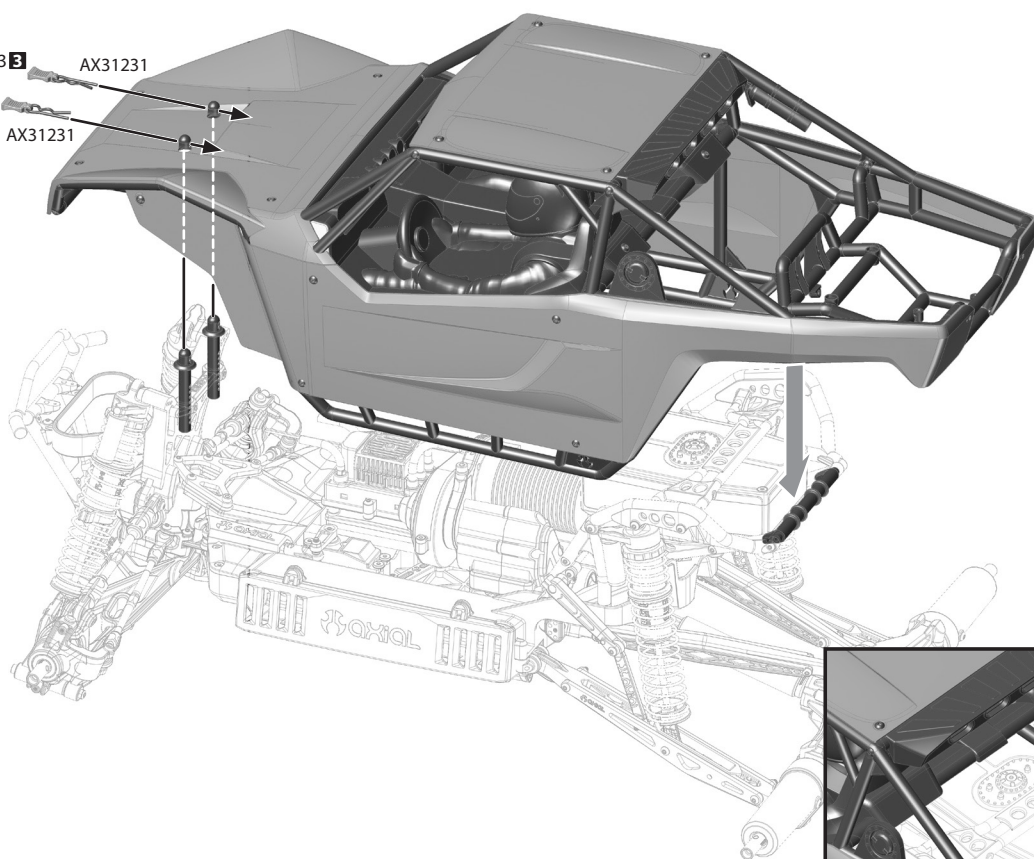


AX31231
8mm Body clip (Black)

x2

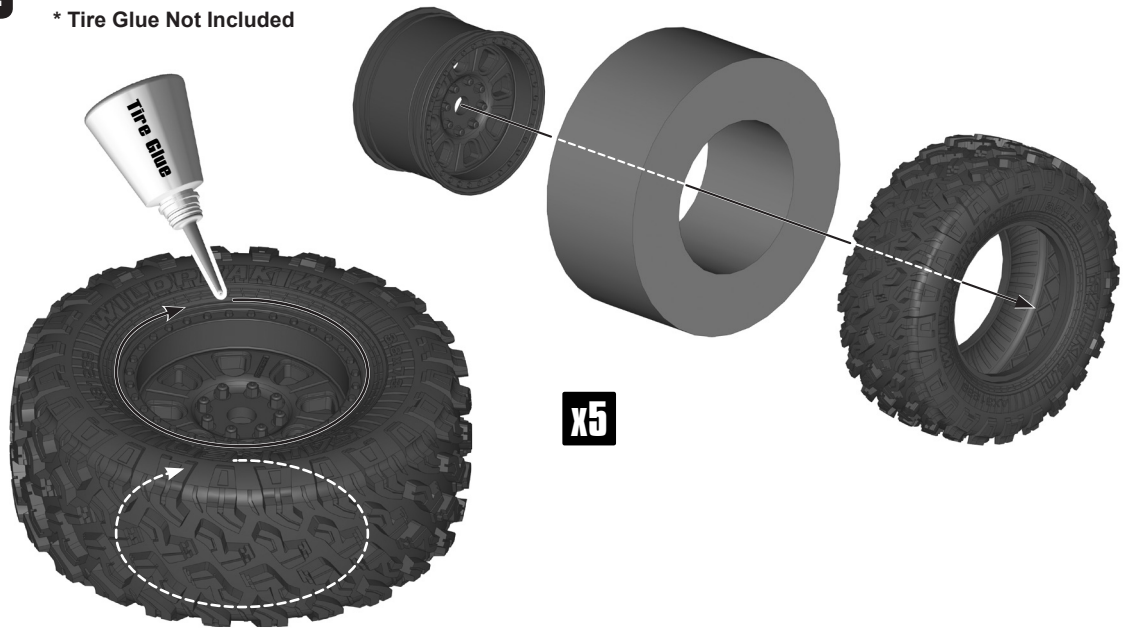


AX31013 AX31231
AX31013 AX31231



62

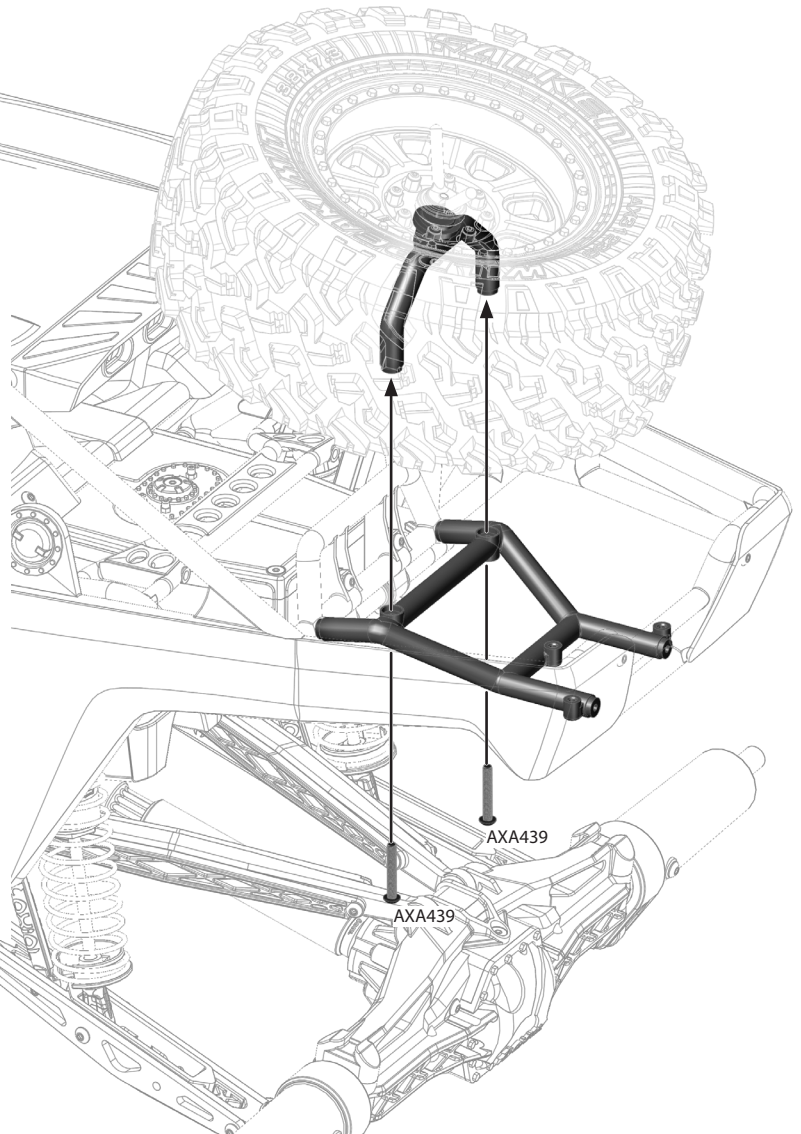
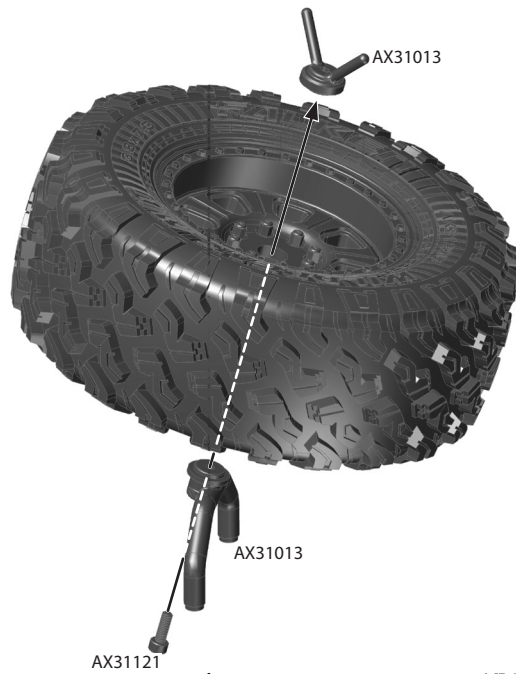
* Tire Glue Not Included

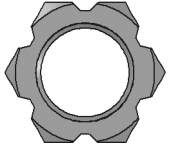


63

AXA439
M3x20mm x2

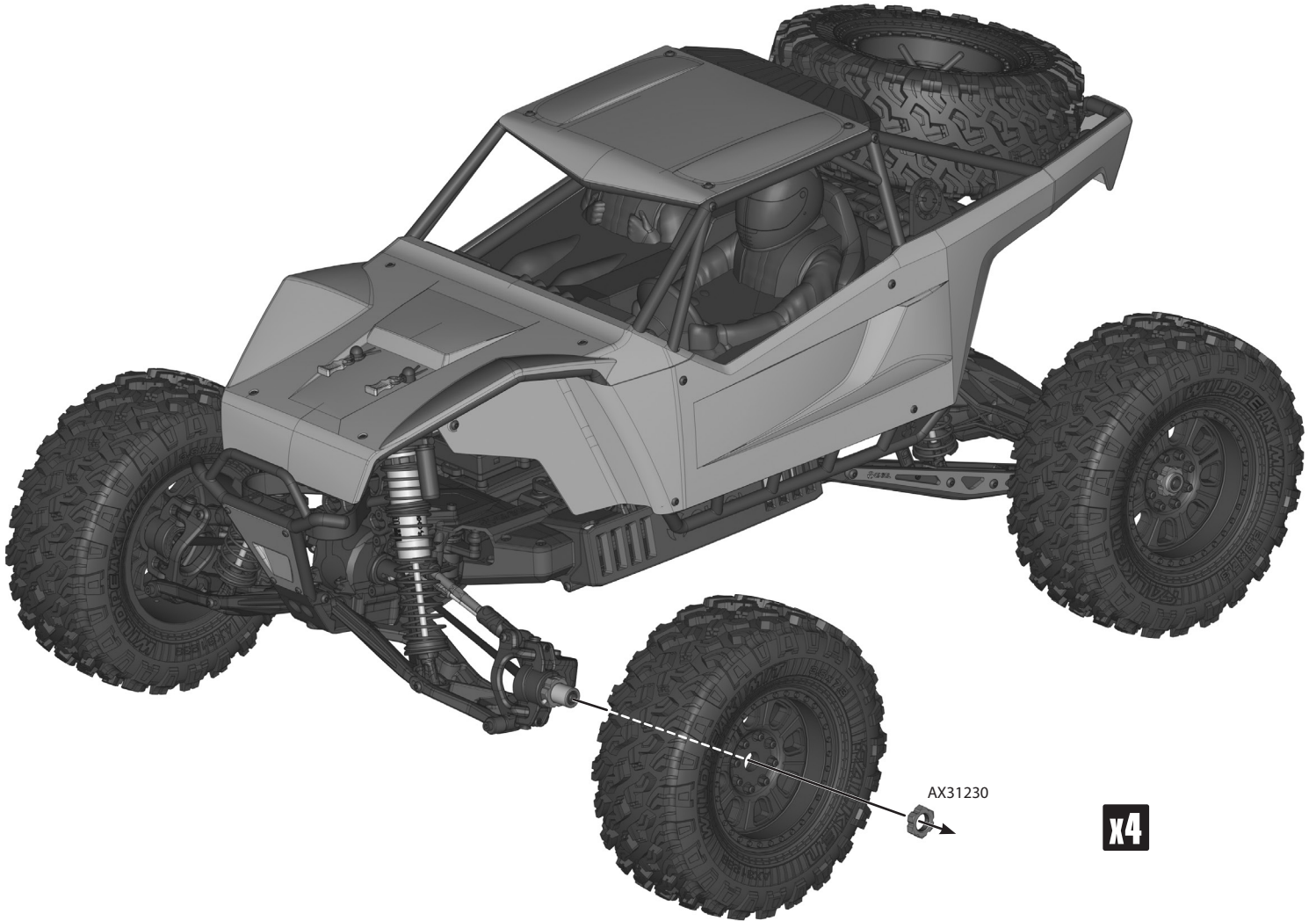
AX31121
M4x12mm x1





AX31230
17mm Hex Hub nut

x4

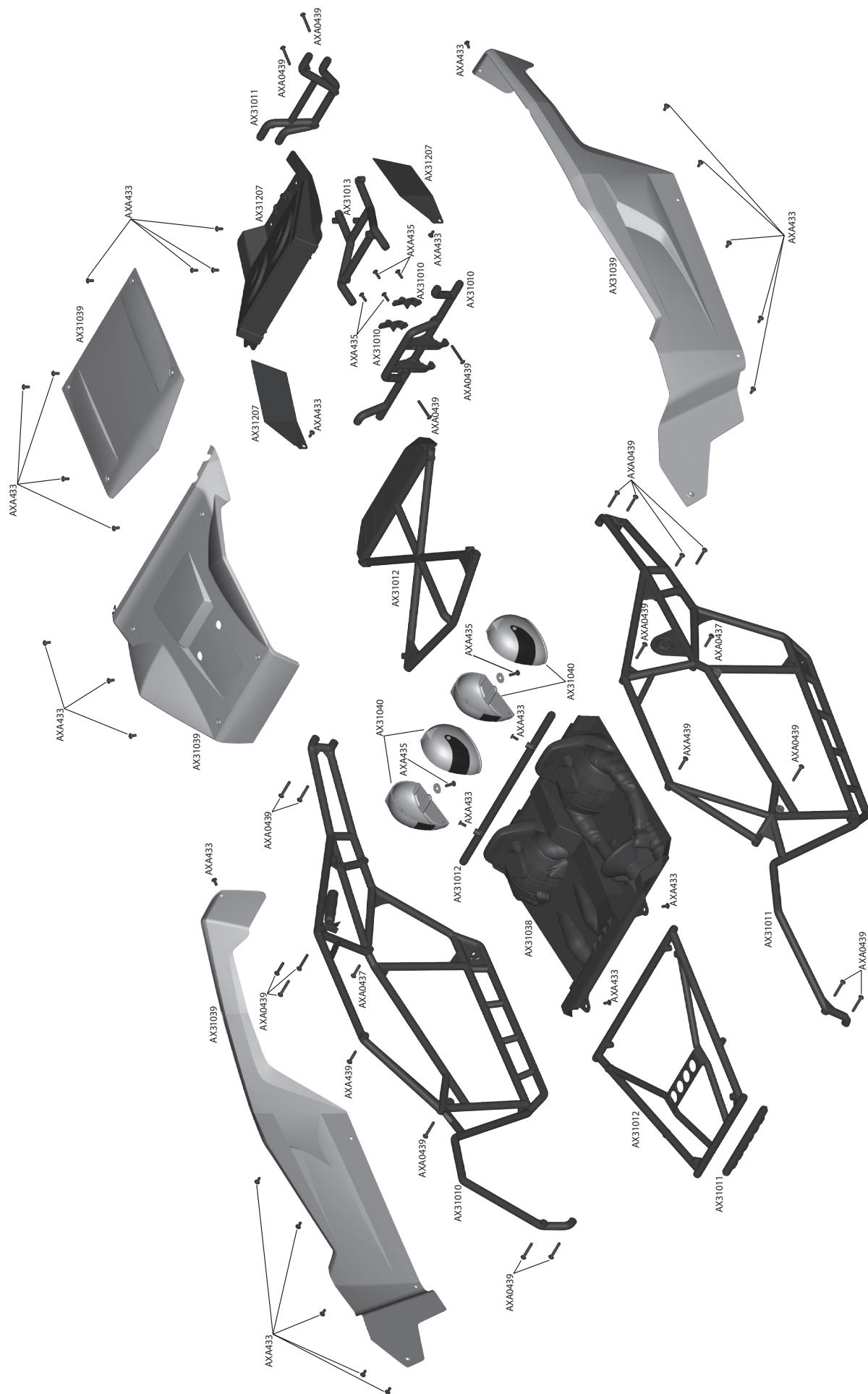


AX31230

x4

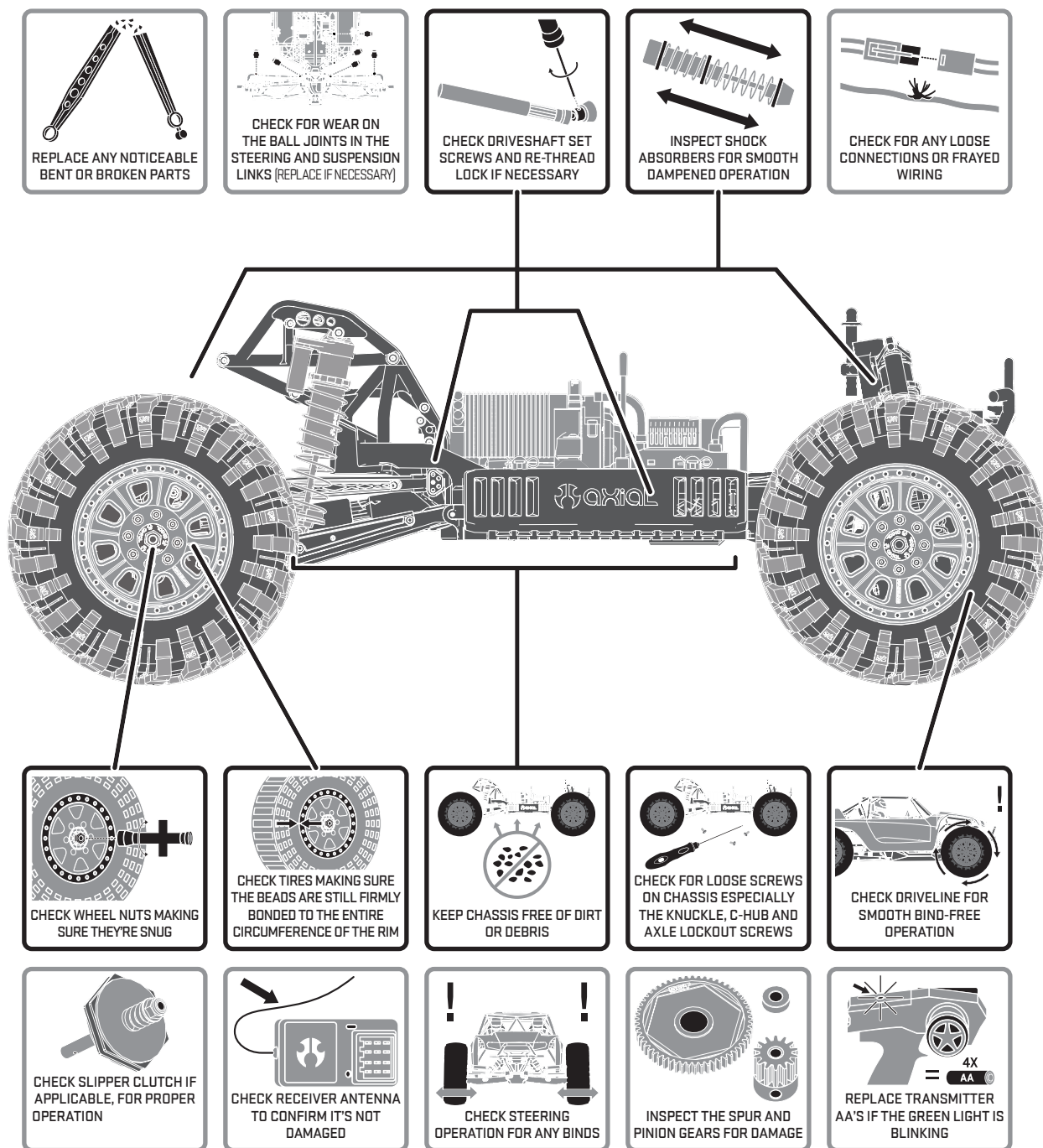






Maintenance

Just like a full size car or truck your RC vehicle must undergo periodic maintenance in order to ensure peak running performance. Preventative maintenance will also help avoid needless breakages which could result in costly repairs. Below are some suggestions to properly maintain your vehicle.



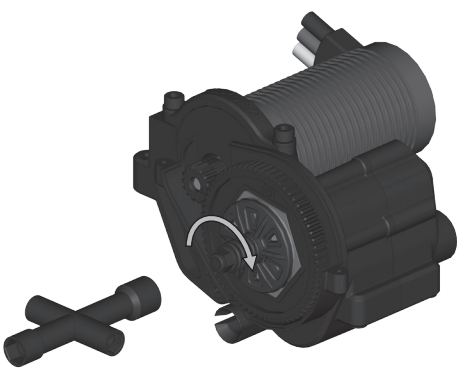
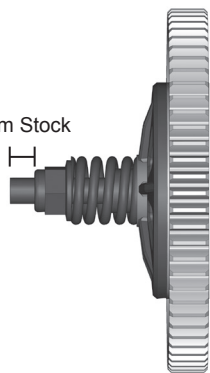
Slipper Adjustment

Tighten = Less Slip

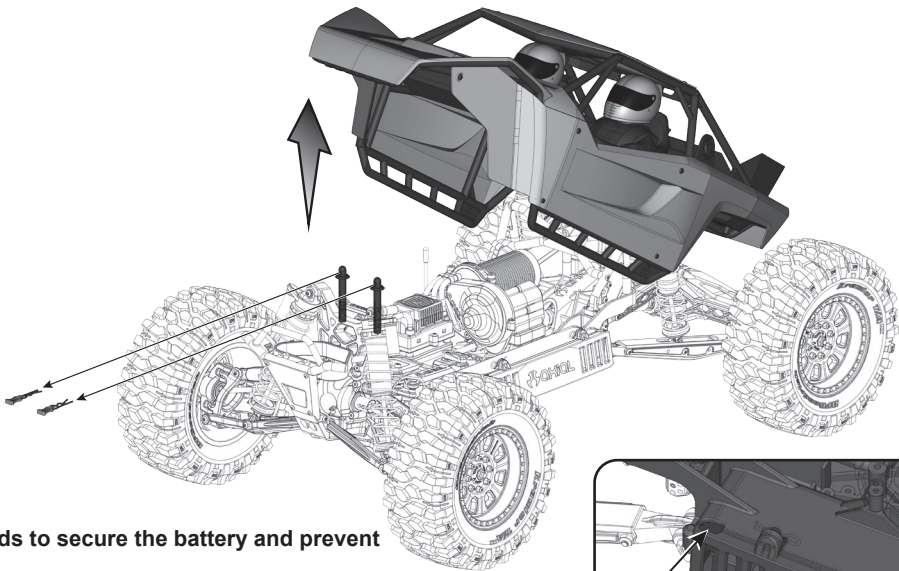


Loosen = More Slip

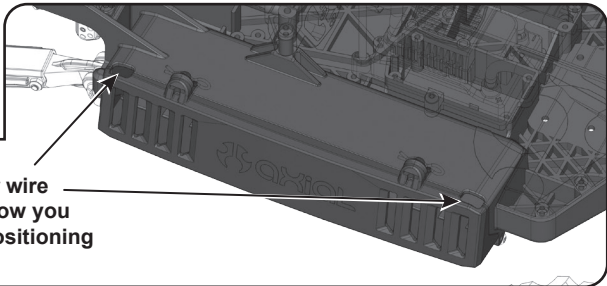
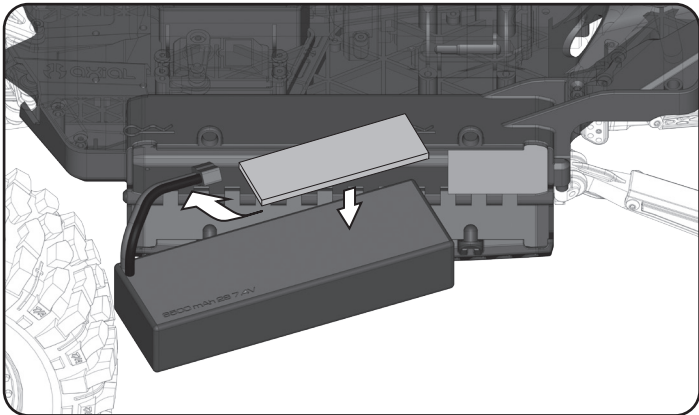
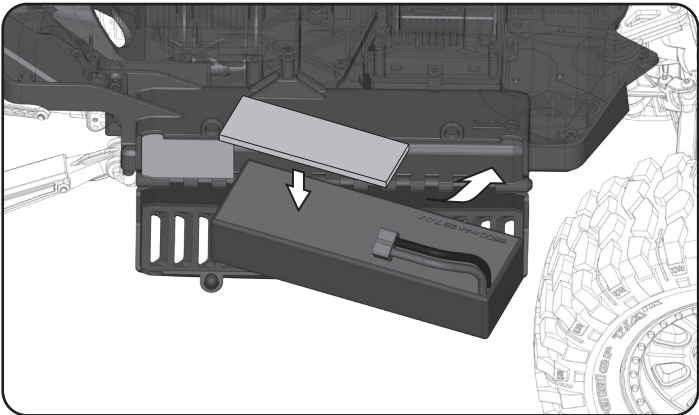
2mm Stock



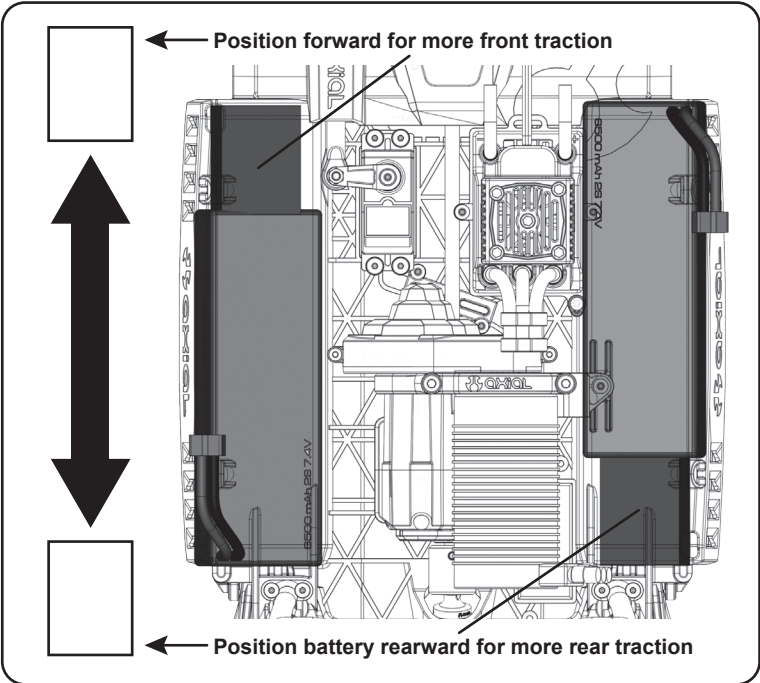
Getting Started / Anfängen Zu Werden / Commencer



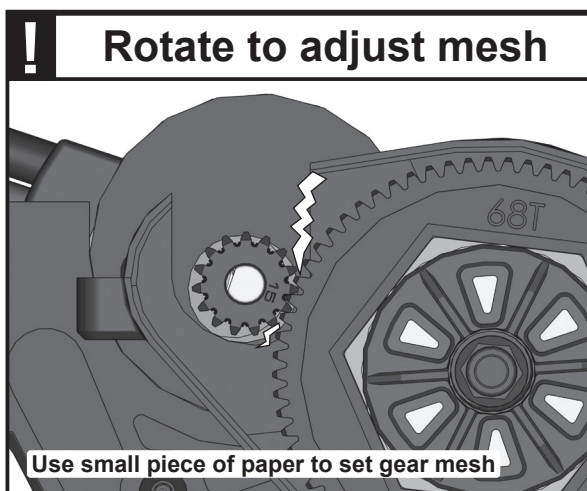
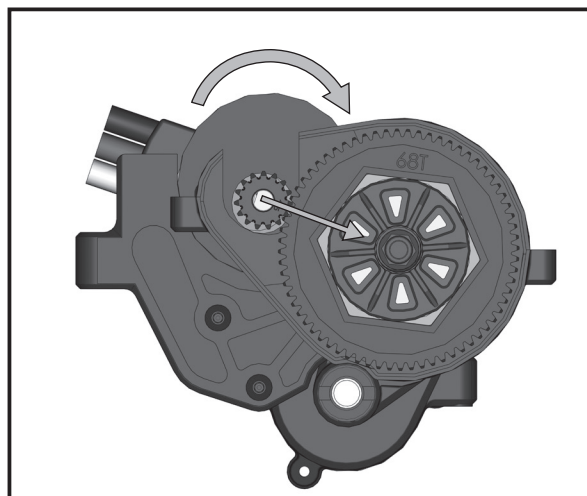
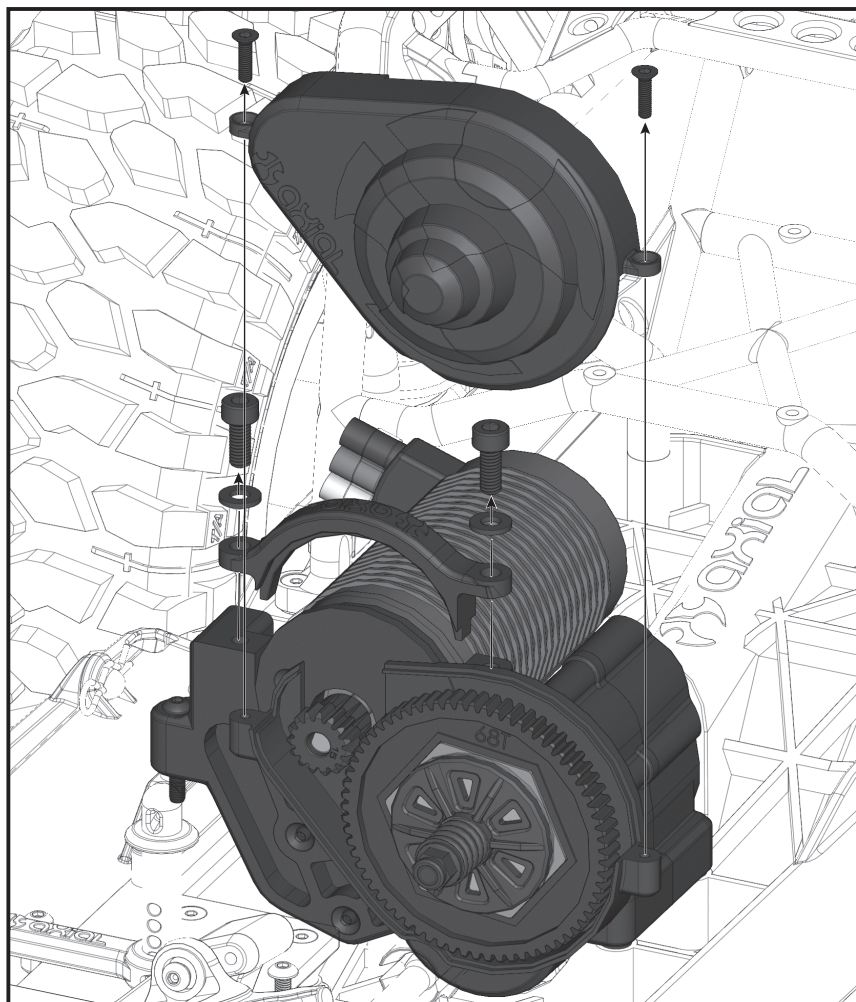
Use the included foam pads to secure the battery and prevent shifting during running



Front or rear wire openings allow you to choose positioning



Gear Mesh



Gear Ratio / Getriebeübersetzung

Use this equation to calculate the final drive ratio

$$\text{Final Drive Gear Ratio} = (\text{Spur/Pinion}) \times 5.21$$

Mit dieser Gleichung können Sie die Gesamtübersetzung berechnen.

$$\text{Gesamtübersetzung} = (\text{Spur/Pinion}) \times 5.21$$

Slower - More Torque

Langsamer - Mehr Kraft



Faster - Less Torque

Schneller - Weniger Kraft

32 Pitch		Pinion										
		12	13	14	15	16	17	18	19	20	21	22
Spur	56	4.67	4.31	4.00	3.73	3.50	3.29	3.11	2.95	2.95	2.67	2.55
	60	5.00	4.62	4.29	4.00	3.75	3.53	3.33	3.16	3.16	2.86	2.73
	64	5.33	4.92	4.57	4.27	4.00	3.76	3.56	3.37	3.37	3.05	2.91
	68	5.67	5.23	4.86	4.53	4.25	4.00	3.78	3.58	3.58	3.24	3.09

Warranty Info

AXIAL LIMITED WARRANTY

Your Axial product is warranted to be free of defects in materials and workmanship when new in the factory sealed box. This warranty does not cover damages due to normal wear and tear, users' failure to perform routine maintenance, error of assembly or installation, modifications or 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 accompanied with product). 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 provides a 10-day warranty from the date of purchase on electronics (i.e. servo, esc, radio). 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. Note: Purchasing products from unauthorized distributors may void warranty and prevent support and service.

INTERNATIONAL CUSTOMER 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.

REPAIR

For warranty repair, please contact Axial Customer Service at (877) 64-AXIAL (877-642-9425).

HOURS AVAILABLE:

8:00 am - 5:00 pm Monday through Friday, Central Time.

Parts List

Part #	Description	Part #	Description
AX30031	Antenna	AX31038	Y-480 Front Interior Set - .040" (Clear)
AX30163	Pin 2.0x10mm (6pcs)	AX31039	Y-480 1/8th Scale Body - .040" (Clear)
AX30165	Pin 2.5x12mm (6pcs)	AX31040	Y-480 XL Helmet Set
AX30171	Differential Cross Pin (2pcs)	AX31041	Differential Outdrive 11x30mm
AX30386	Differential Gasket 19.4x29.5x0.5mm (2pcs)	AX31044	AR60 XL Rear Axle Housing
AX31000	XL 2 Speed Transmission Case	AX31045	Screw Shaft M4x2.5x13mm (10pcs)
AX31001	XL 2 Speed Motor Mount	AX31046	Steering King Pin 14.7x4mm (Ti-Nitride Coated) (2pcs)
AX31003	Yeti™ XL Weight Box	AX31048	Yeti™ XL Front Clip and Skid Plate
AX31004	Yeti™ XL Rear Shock Mount	AX31050	Hinge Pin 4x85mm (Threaded) (Black) (6pcs)
AX31005	Yeti™ XL Chassis Cross Members	AX31051	M4 Nylon Locking Hex Nut (Black) (10pcs)
AX31006	Yeti™ XL Chassis Cage Components	AX31052	Yeti™ XL Front Bulkhead
AX31007	Yeti™ XL Chassis Rear Risers	AX31053	Machined Bevel Gear Set - 32T/11T
AX31008	Yeti™ XL Rear Chassis Link Mounts (Upper and Lower)	AX31055	Differential Case
AX31010	Y-480 Roll Cage (Passenger Side)	AX31056	Differential Output Shaft (2pcs)
AX31011	Y-480 Roll Cage (Driver Side)	AX31057	Differential Gear Set - 20T/10T
AX31012	Y-480 Roll Cage (Roof and Hood)	AX31062	Yeti™ XL Main Chassis Tub
AX31013	Y-480 Roll Cage (Tire Carrier)	AX31063	Slipper Drive Gear Shaft 5x92mm
AX31014	Yeti™ XL Rear Links (Upper and Lower) (1pc)	AX31064	Outdrive Shaft
AX31015	Yeti™ XL Rear Links Stiffeners (Upper and Lower) (1pc)	AX31067	Slipper Plate (2pcs)
AX31016	AR60 XL Rear Axle Truss and Differential Cover	AX31069	Metal Spur Gear 32P 68T
AX31017	Yeti™ XL Steering Knuckle Set	AX31070	Motor Plate
AX31018	Yeti™ XL Lower Front Control Arm Set	AX31072	Servo Saver Spring 2.2x11.8mm 230.51 lbs/in
AX31019	Yeti™ XL Steering Knuckle Carrier Set	AX31073	M3x4x15mm Hex Socket Button Head Shoulder Screw - Black (6pcs)
AX31020	Yeti™ XL Battery Tray Door	AX31075	O-Ring 15.5x1.5mm (S16) (6pcs)
AX31021	Yeti™ XL Electronics Box Parts	AX31076	O-Ring 3.8x1.9mm (P4) (10pcs)
AX31022	Steering Bellcrank	AX31079	Rubber Bump Stop 4x8x4mm (6pcs)
AX31023	Yeti™ XL Transmission Spur Gear Cover	AX31081	Shock Shaft 4x83mm (2pcs)
AX31024	Rod End Ball Set (6.8x8x3mm)	AX31082	Transmission Output (Front and Rear)
AX31025	Yeti™ XL Front Shock Tower	AX31083	Radio Box Seals
AX31028	Pin 2.0x11mm (6pcs)	AX31084	AR60 XL Straight Axle Adapter
AX31029	Yeti™ XL Rear Sway Bar Mount Set	AX31088	Yeti™ XL Front Bumper Skid Plate Aluminum
AX31030	Big Bore Shock Cap Parts (16mm)	AX31089	Center Universal Driveline 11x155mm
AX31031	Big Bore Shock Parts and Piston (16mm)	AX31119	M3x35mm Hex Socket Button Head (Black) (10pcs)
AX31032	Big Bore Shock Parts and Rod Ends (16mm)	AX31121	M4x12mm Cap Head (Black) (10pcs)
AX31034	WB XL Driveshaft	AX31185	M3x10mm Hex Socket Flat Head (Black) (10pcs)
AX31035	Yeti™ XL Body Mount Set	AX31195	M2.6x12mm Hex Socket Button Head (Black) (10pcs)
AX31036	Yeti™ XL Front Bumper Set	AX31196	Washer 4x10x0.15mm (10pcs)

Parts List

Part #	Description	Part #	Description
AX31197	O-Ring 9.5x1.9mm (10pcs)	AXA118	M3x18mm Hex Socket Button Head - Black (10pcs)
AX31198	Bearing 6x10x3mm (2pcs)	AXA119	M3x20mm Hex Socket Button Head (Black) (10pcs)
AX31200	Bearing 6x12x4mm (2pcs)	AXA120	M3x25mm Hex Socket Button Head (Black) (10pcs)
AX31201	Bearing 10x16x5mm (2pcs)	AXA121	M3x30mm Hex Socket Button Head (Black) (10pcs)
AX31202	M3x45mm Cap Head (Black) (6pcs)	AXA1221	Bearing 5x11x4mm (2pcs)
AX31203	Bushing Ball 3x5.8x6mm (Black) (6pcs)	AXA1225	Bearing 8x16x5mm (2pcs)
AX31204	M3x6mm Set Screw (Black) (10pcs)	AXA1243	Bearing 15x21x4mm (2pcs)
AX31206	M3x45mm Hex Socket Flat Head (Black) (6pcs)	AXA1331	Flanged Ball 3x5.8x7mm (6pcs)
AX31212	Pinion Gear 32P 15T - Steel (5mm Motor Shaft)	AXA146	M3x12mm Hex Socket Flat Head - Black (10pcs)
AX31221	WB XL Driveshaft Coupler	AXA148	M3x18mm Hex Socket Flat Head (Black) (10pcs)
AX31222	Universal Joint Rebuild Kit (2pcs)	AXA149	M3x20mm Hex Socket Flat Head - Black (10pcs)
AX31224	C-Clip 14.3mm (10pcs)	AXA1638	M3x50mm Turnbuckle (2pcs)
AX31225	Universal Joint Dogbone 123mm (2pcs)	AXA186	M3x16mm Set Screw (Black) (10pcs)
AX31226	32P 19T Transmission Gear	AXA291	M4x4mm Set Screw (Black) (6pcs.)
AX31227	32P 18T Transmission Gear	AXA433	M3x6mm Hex Socket Tapping Button Head - Black (10pcs)
AX31228	32P 34T Transmission Gear	AXA434	M3x8mm Hex Socket Tapping Button Head (Black) (10pcs)
AX31231	8mm Body Clips (Black) (10pcs)	AXA435	M3x10mm Hex Socket Tapping Button Head (Black) (10pcs)
AX31232	Screw Shaft M4x2.5x16.5mm (6pcs)		
AX31233	Washer 6x19x0.2mm (Black) (6pcs)		
AX31234	Battery Tray Foam Pad Set		
AX31235	Slipper Spring 10x7mm 228lbs/in (Black) (2pcs)		
AX31236	Front Aluminum Skid Plate		
AX31237	Front Aluminum Upper Brace		
AX31238	M3x50mm Cap Head (Black) (6pcs)		
AX31239	3.8 Falken Wildpeak M/T - R35 Compound (2pcs)		
AX31243	Slipper Pad 32.8x15.2x1mm (Aluminum) (2pcs)		
AX31252	Yeti™ XL Rear Sway Bar Set (Soft, Medium, Firm)		
AX31255	17mm Hex Hub Set (2pcs)		
AX31256	M5x75mm Turnbuckle (2pcs)		
AX31257	M4x80mm Turnbuckle (2pcs)		
AX31258	Pin 3x17mm (6pcs)		
AX31259	Front Axle Stub 16x39mm (17mm Hub)		
AX31260	Rear Axle 10x169mm (17mm Hub)		
AX31261	M5x6mm Set Screw (Black) (10pcs)		
AX31264	XL Lower Link Plate Set (Aluminum) (4pcs)		
AX31269	Shim 18x15x0.2mm (6pcs)		
AX31270	Icon Big Bore Shock Reservoir (2pcs)		
AX31274	3.8 Raceline Monster Wheels (Black) (2pcs)		
AX31275	Icon Big Bore Aluminum Shock Body 99-150mm (2pcs)		
AX31276	Spring 23x40mm 7.9 lbs/in - (White) (2pcs)		
AX31277	Spring 23x70mm 7.9 lbs/in - (Yellow) (2pcs)		
AX31278	Spring 23x40mm 3.2 lbs/in - (Red) (2pcs)		
AX31279	Spring 23x82mm 6.3 lbs/in - (Green) (2pcs)		
AX31280	M2.6x6mm Hex Socket Button Head (Black) (10pcs)		
AX31289	Shim 10x8x0.3mm (6pcs)		
AX80006	Servo Set		
AX80092	EXO Linkage Set		
AXA0094	M3x45mm Cap Head (Black) (10pcs)		
AXA0109	M3x10mm Oversized Flat Hex Socket (Black) (10pcs)		
AXA0113	M3x6mm Hex Socket Button Head (Black) (10pcs)		
AXA0147	M3x16mm Hex Socket Flat Head (Black) (10pcs)		
AXA0151	M3x30mm Hex Socket Flat Head (Black) (10pcs)		
AXA0181	M3x4mm Set Screw (Black) (10pcs)		
AXA0187	M3x20mm Set Screw (Black) (10pcs)		
AXA0414	M2.6x10mm Hex Socket Tapping Flat Head (Black) (10pcs)		
AXA0423	M2.6x8mm Hex Socket Tapping Button Head (Black) (10pcs)		
AXA0437	M3x15mm Hex Socket Tapping Button Head (Black) (10pcs)		
AXA0439	M3x20mm Hex Socket Tapping Button Head (Black) (10pcs)		
AXA089	M3x25mm Cap Head (Black) (10pcs)		
AXA1041	M2.5 Nylon Locking Hex Nut - Silver (10pcs)		
AXA1045	M4 Nylon Lock Nut (Black) (10pcs)		
AXA1052	M3 Thin Nylon Locking Hex Nut (Black)		
AXA1053	M3 Nylon Locking Hex Nut (Black) (10pcs)		
AXA1059	6mm Body clip (Black) (10pcs)		
AXA1069	Washer 2.7x6.7x0.5 (10pcs)		
AXA1071	Washer 4x8x0.5mm (10pcs)		
AXA1072	Washer 3x8x0.5mm		
AXA114	M3x8mm Hex Socket Button Head (Black) (10pcs)		
AXA115	M3x10mm Hex Socket Button Head (Black) (10pcs)		
AXA116	M3x12mm Hex Socket Button Head - Black (10pcs)		
AXA117	M3x15mm Hex Socket Button Head (Black) (10pcs)		



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