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.

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.

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.

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 in bebauten 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 bei Mängeln das Schrauben-Sicherungsleck, wo Metallschrauben in ein Gelgewinde greifen, besonders bei den Motorhymnen.
- Um Störungen zu vermeiden, benutzen Sie immer volle 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.
- Entfernen Sie Akkus/Batterien, die beschädigt sind oder schwach sind. Wenden Sie sich an eine Fachklinik oder Feuerwehr, wenn sie gebraucht oder in Brand gesetzt werden.
- Halten Sie Ihr Fahrzeug sauber und entfernen Sie Schmutz und Schmutzpartikel, 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 publique. 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 ment les vis du moteur.
- Toujours utiliser des batteries bien chargées pour l’émiseion et la réception.
- Toujours vérifier les entrées et les commandes 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 fuites.
- Faire attention en contrôlant des piles, ils auront chaud après avoir coulu.
- Remplacer n’importe quelles piles qui ont été cabossées ou a éclaté des fils, les court-circuits peuvent causer le feu.
- Être sûr de garder votre modèle de R/C nettoie et libre 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

2.4GHz Transmitter
Sender
Emetteur

Parts Bag
Kleinteilebeutel
Sachet de pièces détachées

Cross wrench
Steckschlüssel
Clé à tube

Equipment needed / Benötigtes Zubehör / Equipement nécessaire

Battery
Akku-Pack
Pack de batterie

Charger
Ladegerät
Chargeur

x4
4 AA Alkaline Dry Batteries.
4 St. AA Trockenbatterien.
4 piles type R6 pour votre radio commande.

Tools Recommended / Benötigte Werkzeuge / Outilage

Hex wrench
Inbusschlüssel
Clé Allen

AX20015

AX20016

AX20017

Side cutter
Seitenschneider
Pince coupantes

Curved scissors
Schere
Ciseaux

Modeling knife
Modellierscher
Couteau de modéliste

Long nose pliers
Flachzange
Pince à becs longs
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 its 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.

Specifications:
- Input voltage: 6 Cell Ni/2S LiPo
- Size: 1.7 in x 1.24 in
- Weight: 45 grams
- Motor Limit: 19T
- On-Resistance FET: .0018
- Rated/Peak Current: 106A Peak
- Braking Current: 106A Peak
- BEC Voltage: 5.0V 2.0A Peak
- PWM Frequency: 6 KHZ

Notes:
- If ESC setup does not initialize when holding the full throttle, try switching the throttle reversing switch on the transmitter.
- LiPo Cut-Off is set to “ON” from the factory.
- Use the Castle Link to access the advanced settings in the ESC.


CONNECT THE BATTERY PACK JUST BEFORE DRIVING AND DISCONNECT IT IMMEDIATELY AFTER.
ALWAYS MAKE SURE YOU ARE CONNECTING THE ESC TO A PROPER POWER SOURCE THAT HAS THE CORRECT VOLTAGE & POLARITY, INCORRECT VOLTAGES OR REVISED POLARITY WILL DAMAGE THE ESC.
ONCE THE BATTERY PACK IS CONNECTED, HANDLE THE MODEL WITH EXTREME CARE, MAKE SURE YOU ARE CLEAR OF ALL ROTATING PARTS.

AX24259 AE-2 Forward/Reverse ESC Instructions
**RADIO BINDING INSTRUCTIONS**

The radio system is bound from the factory so no binding should be necessary. However, if you are matching a new receiver to the transmitter, please follow these steps:

1. Install AA batteries in the transmitter.
2. Insert the binding plug into CH 3 port on the receiver. (Figure 1)
3. Turn on the receiver. You will notice the two LEDs are now flashing meaning the receiver is in ‘seek’ mode and ready to find the transmitter.
4. Press and hold the binding button on the transmitter while turning on the power switch. (Figure 2)
5. The LEDs on the receiver should stop flashing indicating it’s now bound to the transmitter.
6. Release the binding button on the transmitter and remove the binding plug from the receiver.
7. Turn off the receiver, then turn off the transmitter. Once powered on again, radio binding has been completed.

If the system did not bind please repeat step’s 1-7 again or call Axial Customer Service: (949) 600-8642. NOTE: the AX-3 transmitter will only bind with the AR-3 receiver.

**Fall Safe Programming**

1. With the radio system bound and powered up, position the throttle trigger to the stop position. For electric applications with drag brakes, put the trigger in the stop position. For Nitro applications, position the throttle to apply some amount of brake.
2. With the throttle trigger positioned to desired fail safe position press and hold the button on the receiver until the red LED starts flashing. As soon as it starts flashing release the button; it will then flash for 3 more seconds. Fail safe is now programmed.
3. To test, elevate your vehicle so the tires are off the ground. Apply some throttle and turn the transmitter off, if the throttle returns to neutral within a few seconds, fail safe is programmed correctly. If your vehicle keeps running, fail safe was not programmed correctly; repeat steps 1 and 2.

**ATTENTION**

- Do not mix batteries of different ages or types.
- Mixen Sie keine Batterien verschiedener Alters.

**CAUTION**

- NEVER RUN R/C MODEL IN CROWDED AREA OR NEAR SMALL CHILDREN
- PROTECT YOUR SYSTEM FROM MOISTURE
- REMOVE BATTERY FROM R/C MODEL WHEN STORING

**AX24206-001**

Questions? Call Axial Customer Service: (949) 600-8642
1. Put the battery in the car.

2. Install the battery.

3. Turn on the transmitter.

4. Turn on the electronic speed controller.
<table>
<thead>
<tr>
<th>Problem</th>
<th>Cause</th>
<th>Remedy</th>
</tr>
</thead>
</table>
| Does not move | 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. | Make sure batteries are properly installed.  
Legen Sie die Batterien korrekt ein.  
Positionnez correctement les piles dans l’émetteur. |
| No Control.  
Keine Kontrolle über das Auto | Improper antenna on transmitter or model.  
Zu kurze Antenne am Sender oder Auto.  
Antenne inadéquate sur l’émetteur ou le véhicule | Install charged or fresh batteries.  
Einbauen voller Batterien.  
Mettez des batteries rechargées ou neuves. |
| 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. | Set to correct position.  
Satz, Position zu korrigieren  
Vérifiez la position correcte |
| | | |
- AX80070 10mm Shock Caps Set x2
- AX80078 Transmission Gear Cover x1
- AX80072 Offset Axle 4 link mount x1
- AX80070 Axal Diff Cover x2
- AX80071 Straight Axle Adapter Rear x1
- AX80078 Transmission Gear Cover x1
- AX80062 XR10 C Hub Carrier Set x1
- AX80006 Servo Set x1
- AX80010 Gear Set x1
- AX80035 10mm Shock Caps Set x2
- AX80072 Offset Axle 4 link mount x1
- AX80084 UV Joint Driveshafts x2
- AX80071 Straight Axle Adapter Rear x1
- AX80062 XR10 C Hub Carrier Set x1
- AX80006 Servo Set x1
- AX80010 Gear Set x1
- AX80035 10mm Shock Caps Set x2
AX80120  
RTC Body Mounts/Receiver Mount  x1

AX80081  
Radio Case  x1

AX80117  
RTC Body Cage/Mounts  x1

AX80118  
RTC Battery Tray/Skid Plate  x1
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<th>Description</th>
<th>Quantity</th>
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<td>M3 Thin Nylon Locking Hex Nut</td>
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<td>M3 Nylon Locking Hex Nut</td>
<td>x6</td>
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<tr>
<td>AXA1069</td>
<td>Washer 2.7x6.7x0.5 mm</td>
<td>x8</td>
</tr>
<tr>
<td>AXA1070</td>
<td>Washer 3x6x0.5 mm</td>
<td>x6</td>
</tr>
<tr>
<td>AXA1071</td>
<td>Washer 4x8x0.5 mm</td>
<td>x1</td>
</tr>
<tr>
<td>AXA1090</td>
<td>Washer 4.8x14 (Green)</td>
<td>x4</td>
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<td>Washer 5x10x0.5mm</td>
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<tr>
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<td>O-Ring 7.5x1.5mm</td>
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<td>O-Ring 3.5x2mm</td>
<td>x8</td>
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<tr>
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<td>AXA464</td>
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<td>AXA434</td>
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<td>AXA439</td>
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<td>AXA1225</td>
<td>Bearing 8x16x5mm</td>
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</tr>
</tbody>
</table>
AXA015
M2x10mm x8

AXA1230
Bearing 10x15x4mm x4

AX30385
Diff Gasket 16x25x0.5mm x2

AX30500
Heavy Duty Locker x2

AX30392
38T Bevel Gear x2

AX30163
PIN 2.0x10mm x2

AXA1393
E2.5 e-clip x2

AX30393
13T Bevel Gear x2

AX30408
Input Shaft 5x29mm x2

Option Parts
- Heavy Duty Bevel Gear Set
  AX30395-38T/13T
  AX30401-36T/14T
  AX30402-43T/13T
Option Parts

AX30829
Axial AR60 OCP Machined Low Profile Differential Cover/Differential Cover

FRONT

REAR

Note Direction

FRONT

REAR

Note Direction
**Option Parts**

- **AX30789** Rear Straight Axle Aluminum Adapter

**Components**

- **AXA1221** Bearing 5x11x4mm x2
- **AXA433** M3x6mm x4
- **AX30776** Rear Straight Axle Shaft 6x104.2mm x1
- **AX30776** Rear Straight Axle Shaft 6x160.2mm x1
- **AXA433** M3x6mm x4

**Notes**

- *Rear*
**Front**

![Diagram of Front Assembly]

- **AXA1052** M3 Thin Nylon Locking Hex Nut x4
- **AXA464** M3x8mm x1
- **AXA465** M3x10mm x1
- **AXA087** M3x16mm x4
- **AXA439** M3x20mm x1
- **AXA180** M3x3mm x2

**Rear**

![Diagram of Rear Assembly]

- **AXA1052** M3 Thin Nylon Locking Hex Nut x4
- **AXA464** M3x8mm x1
- **AXA465** M3x10mm x1
- **AXA087** M3x16mm x4
- **AXA439** M3x20mm x1
- **AXA180** M3x3mm x2

**Option Parts**

- **AXA30830** Axial AR60 OCP Machined Link Mounts
**AX10141**
- M2.5 Nylon Lock Nut
  - Quantity: 4

**AX30113**
- Rubber Bump Stop 3.6x7x4
  - Quantity: 4

**AX10120**
- O-Ring 3.5x2mm
  - Quantity: 8

**AX101184**
- O-Ring 7.3x1.5mm
  - Quantity: 4

**AX30112**
- Shock Diaphragm 13x4.5mm
  - Quantity: 4

**AX80018**
- Hardware Parts Tree
  - Quantity: 4

**AX101069**
- WASHER 2.7x6.7x0.5
  - Quantity: 8

**AX30155**
- Shock Shaft 3x59.5
  - Quantity: 4

---

**AX80035**
- O-Ring 1.5x4
- Quantity: 4

**AXA1184**
- O-Ring 7.5x1.5mm
- Quantity: 4

**AXA1202**
- O-Ring 3.5x2mm
- Quantity: 8

**AX30113**
- Rubber Bump Stop 3.6x7x4
- Quantity: 4

**AX30112**
- Shock Diaphragm 13x4.5mm
- Quantity: 4

**AXA1041**
- M2.5 Nylon Lock Nut
- Quantity: 4

**AXA1069**
- WASHER 2.7x6.7x0.5
- Quantity: 8

**AX80018**
- Hardware Parts Tree
- Quantity: 4

---

**AX80034**
- O-Ring 1.5x4
- Quantity: 4

**AXA1184**
- O-Ring 7.5x1.5mm
- Quantity: 4

**AXA1202**
- O-Ring 3.5x2mm
- Quantity: 8

**AX30113**
- Rubber Bump Stop 3.6x7x4
- Quantity: 4

**AX30112**
- Shock Diaphragm 13x4.5mm
- Quantity: 4

---

**AX80035**
- O-Ring 1.5x4
- Quantity: 4

**AXA1184**
- O-Ring 7.5x1.5mm
- Quantity: 4

**AXA1202**
- O-Ring 3.5x2mm
- Quantity: 8

**AX30113**
- Rubber Bump Stop 3.6x7x4
- Quantity: 4

**AX30112**
- Shock Diaphragm 13x4.5mm
- Quantity: 4

---

**AX80035**
- O-Ring 1.5x4
- Quantity: 4

**AXA1184**
- O-Ring 7.5x1.5mm
- Quantity: 4

**AXA1202**
- O-Ring 3.5x2mm
- Quantity: 8

**AX30113**
- Rubber Bump Stop 3.6x7x4
- Quantity: 4

**AX30112**
- Shock Diaphragm 13x4.5mm
- Quantity: 4

---

**AX80035**
- O-Ring 1.5x4
- Quantity: 4

**AXA1184**
- O-Ring 7.5x1.5mm
- Quantity: 4

**AXA1202**
- O-Ring 3.5x2mm
- Quantity: 8

**AX30113**
- Rubber Bump Stop 3.6x7x4
- Quantity: 4

**AX30112**
- Shock Diaphragm 13x4.5mm
- Quantity: 4

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**AX80035**
- O-Ring 1.5x4
- Quantity: 4

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**AXA1202**
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- Quantity: 8

**AX30113**
- Rubber Bump Stop 3.6x7x4
- Quantity: 4

**AX30112**
- Shock Diaphragm 13x4.5mm
- Quantity: 4
**Option Parts**

- **AX30218** Spring 14x70mm 2.07 lbs-in - Super Soft
- **AX30219** Spring 14x70mm 2.47 lbs-in - Soft
- **AX30220** Spring 14x70mm 2.85 lbs-in - Medium
- **AX30221** Spring 14x70mm 2.85 lbs-in - Medium
- **AX30222** Spring 14x70mm 3.55 lbs-in - Super Firm

**Dampening**

- Provides a different dampening rate depending on which direction you install.
  - Install this direction for faster rebound and slower compression
  - Install this direction for slower rebound and faster compression

**Provides the same dampening rate on both compression and extension**

Depending on the application you may want a firmer spring than what is included. Selecting a spring rate is based on each vehicle’s weight and handling and usually will require some trial and error.

For rock crawling applications it is recommended to use a stiffer spring on whichever corner is exhibiting torque twist.

Oils are another element you can use to tune the handling of your vehicle. You want an oil that allows the vehicle to handle the terrain well, but not too thin as to exhibit a springy bounce while driving.

We recommend starting with a good 30 wt. silicone oil. If you are looking for a faster rebound/compression rate use a lower weight oil. If you are looking for a slower rebound compression rate use a higher weight oil.
13 Front

- AXA175: Screw Shaft M3x2.5x11mm x1
- AXA1052: M3 Thin Nylon Locking Hex Nut (BLACK) x2
- AXA118: M3x18mm x2

14 Front

- AXA1052: M3 Thin Nylon Locking Hex Nut (BLACK) x2
- AXA1053: M3 Nylon Locking Hex Nut (BLACK) x1
- AXA118: M3x18mm x2
- AXA091: M3x30mm x1
**17 Rear**

- **AXA175**
  - Screw Shaft M3x2.5x11mm
  - x1

- **AXA1053**
  - M3 Thin Nylon Locking Hex Nut (BLACK)
  - x2

- **AXA118**
  - M3x18mm
  - x2

**18 Rear**

- **AXA091**
  - M3x30mm
  - x1

- **AXA1052**
  - M3 Thin Nylon Locking Hex Nut (BLACK)
  - x2

- **AXA1053**
  - M3 Nylon Locking Hex Nut (BLACK)
  - x1

- **AXA118**
  - M3x18mm
  - x2

- **AXA118**
  - x2
**AX30162**  
Pin 1.5x8mm  
*1*

**AXA1070**  
Washer 3x6x0.5mm  
*5*

**AXA1071**  
Washer 4x8x0.5mm  
*1*

**AXA1091**  
Washer 5x10x0.5mm  
*1*

**AXA083**  
M3x6mm  
*5*

**AXA1045**  
M4 Nylon Lock Nut (Black)  
*1*

**AX30413**  
Slipper spring  
*1*

**AX30411**  
Outer Slipper Plate  
*1*

**AX30410**  
Inner Slipper Plate  
*1*

**AX30578**  
Pinion 48DP 20T  
*1*

**AXA180**  
M3x3mm  
*1*

**AXA0414**  
M2.6x10mm  
*3*

**AXA1070**  
M4x6mm  
*1*

**AXA083**  
M3x6mm  
*5*

**AXA0414**  
M2.6x10mm  
*3*

**AX20009**  
Axial  
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**AX80078**  
Axial  
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AXA0414  M2.6x10mm  x2
AXA0416  M2.6x18mm  x2
AXA0412  M2.6x6mm  x4
AXA180  M3x3mm  x1

Peel Off

AXA0416
AXA0416
AXA0414
AXA0414
AX80081
AX30566
AX24259
AX80081
AX80081
AX80081
AX80081
AX80081
AX80081
AX80120
AX24259
AX80081
Optional Configurations
AXA465  M3x10mm  x2

AXA467  M3x16mm  x2

AXA441  M3x30mm  x2

AXA175  Screw Shaft M3x2.5x11mm  x1

AXA465
AXA467
AXA441
AXA175

Front
Rear

- AXA465 M3x10mm x2
- AXA467 M3x16mm x2
- AXA441 M3x30mm x2
- AXA175 Screw Shaft M3x2.5x11mm x1
AXA1059
6mm Body Clips

AXA1059
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AX80120
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AXA1059
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AXA1059

36mm Body Clips

34

AX10
RIDGECREST
THE OFFICIAL TRUCK OF THE R.E.C.O.N. G6 CHALLENGE

SCX10™ FEATURES:
SCALE LOOKS WITH METAL TO MATCH!!!
True Steel C-Channel Frame
Solid Axle Design with Hardened Steel Inner Axles Front and Back
True Ring and Pinion Mechanical Differentials
Curl Over Shocks
Strong 4x4 Transmission / Transfer Case All-in-One
Full Metal Bearings in Axles and Transmission - Rubber Sealed For Maximum Protection

If you are looking for adventure, the RECON G6 Challenge™ is where it’s at. RECON G6 Challenge™ events deliver excitement and push boundaries, always bringing the elements of what a real adventure should deliver - the unknown!

The coolest thing about participating in the G6 Challenge™ is that it is not about the podium, it’s all about the finish. It’s about the massive amount of drive time and persevering to survive the unknown, uncharted, and then sharing stories at the end of the day. "How in the heck did you clear TM-24 on the 100-course?" "Did you see that Bender-6X walk-it?" "Did you get passed by the Swenson Swagget?"

For adventure G6’ers, the rougher and less traveled, the better! It is the adventure of a lifetime for man and scale machine against the elements. The G6 is about battling the course with your comrades, work as an individual or help your fellow G6’ers to overcome the obstacles; survival is the name of the game!

In an adventure, chasing the unknown requires confidence. Confidence = reliability = SCX10™. The Axial SCX10™ - the official truck of the RECON G6 Challenge™

Visit our blog and start the adventure!

DO ANYTHING, GO ANYWHERE.

www.axialracing.com
Front Assembly
Central Assembly

Central Differential
Body Assembly

Wheel Assembly
Gear Ratio / Getriebeübersetzung

Use this equation to calculate the final drive ratio.
Final Drive Gear Ratio = 1 / ((pinion/Spur) \times 0.13)

Mit dieser Gleichung können Sie die Gesamtübersetzung berechnen.
Gesamtübersetzung = 1 / ((pinion/Spur) \times 0.13)

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Wheels - Tires / Räder - Ermüdet

The Wraith Rock Racer 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 Wraith Rock Racer by adding weight, trimming the inner foam, and tuning your tires.


Adding Weight / Addiergewicht
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 Aufklebarkugeln die in das Rad eingebaut werden, Sie können aber auch Airsoft Kugeln oder BB’s verwenden. Sie werden experimentieren müssen, um zu bestimmen, welche Gewicht Sie hinzuzufügen müssen.

Tire Flex / Reifen Flex
You can adjust the amount of tire flex you get by trimming your inner foam. Visit www.rcrawler.com to see all the choices you have before trimming your inner foams.

Shock Tuning / Stossdämpferabstimmung

**Springs/Oil**

Depending on the application you may want a firmer spring than what is included. Selecting a spring rate is based on each vehicle's weight and handling and usually will require some trial and error.

For rock crawling applications it is recommended to use a stiffer spring on whichever corner is exhibiting torque twist.

**Oil**

Oils are another element you can use to tune the handling of your vehicle. You want an oil that allows the vehicle to handle the terrain well, but not too thin as to exhibit a springy bounce while driving.

We recommend starting with a good 30 wt. silicone oil. If you are looking for a faster rebound/compression rate use a lower weight oil. If you are looking for a slower rebound compression rate use a higher weight oil.
## Parts List

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<th>Part #</th>
<th>Description</th>
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<td>AX12015</td>
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<td>AX30031</td>
<td>Antenna</td>
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<td>AX30041</td>
<td>Shock Diaphragm 13x4.5mm (6pcs)</td>
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<td>AX30011</td>
<td>Rubber Bump Stop 3.6x7x4 (6pcs)</td>
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<td>AX30155</td>
<td>Shock Shaft 3x59.5 (2pcs)</td>
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<td>Pin 1.5x8mm (6pcs)</td>
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<td>Pin 2.0x10mm (6pcs)</td>
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<td>Pin 1.5x11mm (6pcs)</td>
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<td>AX30190</td>
<td>Shaft 5x18 (2pcs)</td>
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<td>AX30198</td>
<td>Slipper Drive Gear Shaft 5x3.5</td>
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<td>AX30218</td>
<td>Spring 14x70mm 2.07 lbs/in - Super Soft (Red) (2pcs)</td>
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<td>Axle 6x39mm (2pcs)</td>
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<td>AX30385</td>
<td>Diff Gasket 16x25x0.5mm (2pcs)</td>
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<td>Bevel Gear Set (38/13)</td>
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<td>20T Drive Gear</td>
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<td>Slipper pad 27x8x1mm</td>
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<td>Slipper spring 8.5x12 165 lbs/in - Black (2pcs)</td>
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<td>WB8 Driveshaft</td>
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<td>RTC Chassis Sideplate</td>
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<td>RTC Body Cage/Mounts</td>
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<td>RTC Battery Tray/Skid Plate</td>
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<td>M4 Nylon Lock Nut (Black)</td>
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## Electronics

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<td>M3x15mm Hex Socket Button Head (Black)</td>
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<td>AXA1416</td>
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## Option Parts

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<td>AX24254</td>
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<td>Spring 14x70mm 2.47 lbs/in - Soft (White) (2pcs)</td>
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<td>Spring 14x70mm 3.55 lbs/in - Super Firm (Blue) (2pcs)</td>
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<td>Spring 14x70mm 1.75 lbs/in - Orange (2pcs)</td>
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<td>13mm Aluminum Preload Collar (2pcs)</td>
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<td>Aluminum Shock Cap (2pcs)</td>
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<td>AX30112</td>
<td>Shock Diaphragm 13x4.5mm (6pcs)</td>
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<th>Part #</th>
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<td>XR10 Aluminum Steering Knuckle (Black) (2pcs)</td>
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### NOTES
AR60 OCP-AXLE™
OFF CENTER PUMP-JIN DESIGN
Locked differentials provide better rock crawling capabilities and the offset pump-Jin gives you more ground clearance and a better drive-shaft angle. The rear axle has been shaved of any unnecessary items to achieve as much ground clearance as possible by removing steering linkages that normally stick down causing clearance issues. To spread stress load, the AR60 OCP-Axe™ tubes are boxed-up with boxed-in sections starting on the pumpkin ends past the center of axle. The AR60 OCP-Axe™ is fabricated with pick-up points for a 4-link suspension in conjunction with the geometry specifications. The AR60 OCP-Axe™ is constructed from high strength composite material, more expensive than standard glass filled nylon. The properties of the composite material has a low material flex rate similar to glass filled nylon, but not as brittle.

PERFORMANCE
COMPETITION SHOCKS
Axial competition shocks feature threaded shock bodies for tuning and easy pre-load adjustment, 3.5mm titanium nitride coated shock shafts for reduced lateral movement, silicone diaphragms for a more consistent feel and silicone bushings to prevent binding. Those shocks are also upgradable with a variety of aluminum options to further increase suspension performance.

FULL TUBE FRAME
COMPOSITE CHASSIS
The most realistic high strength composite tube frame chassis. Based on the Night Stalker II Chassis built by Jake Hellenbeck.

Our high strength composite plastic is impact resistant to help protect the Wraith™ from crash damage.

2.2 REBEL™ WHEELS AND RIPSAW™ TIRES
RipSaw™ tires are mounted and pre-glued to 8-spoke Rebel™ wheels right from the factory. The Axial 2.2 RipSaw™ tire offers both a realistic and aggressive tread design for the ultimate scale appearance and performance. Rebel™ wheels are made from a strong composite material which is both lightweight and durable.

AE-2 ESC
The Axial AE-2 ESC was developed in partnership with Castle Creations and features LiPo cutoff, drag brake for tough crawling situations, a Tamiya style plug connector and is programmable via Castle Link™ for AE-2™ and AE-2™ not included.

BATTERY TRAY
FOR STANDARD BATTERY PACKS
Battery 7.2v 3500mah 2S Lipo Pack
W x L x D: 47 x 155 x 28mm

MAX BATTERY SIZE

20T MOTOR
Tire up the terrain, be it flat out desert, rocky roads or crawling! Easy operation: no tuning, no fuel, no loud exhaust noise, just plug-and-play. Our design allows for optional 550 size motors to fit as well.

HIGH SPEED DESERT ACTION
Wraith
1/10th Scale Electric 4WD Rock Racer

Any category, every style, all terrain.

The Axial Wraith™ is the most versatile platform; making it fun wherever you go.

Do Anything, Go Anywhere.”

www.axialracing.com