

TRAIL PROVEN OFF-ROAD PERFORMANCE

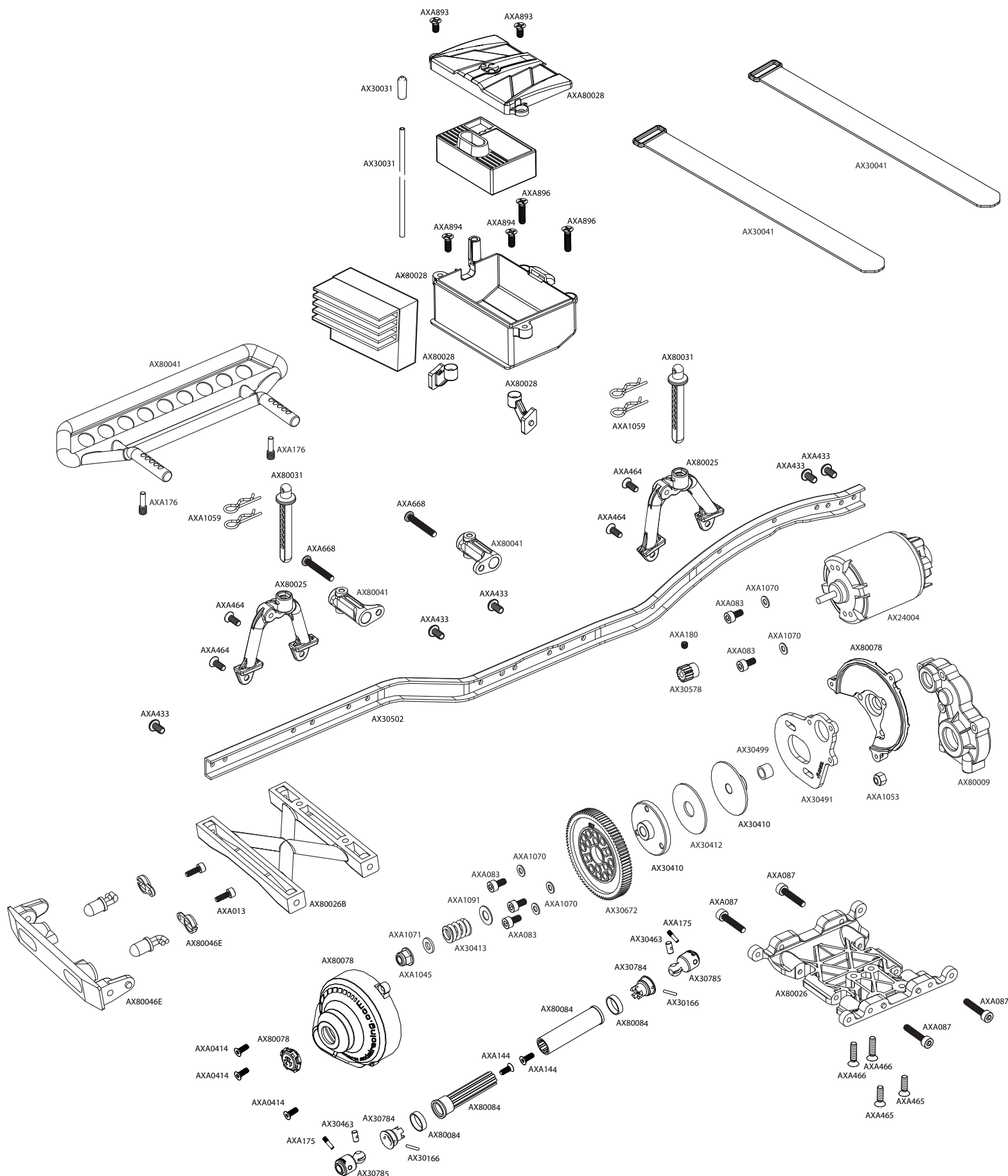
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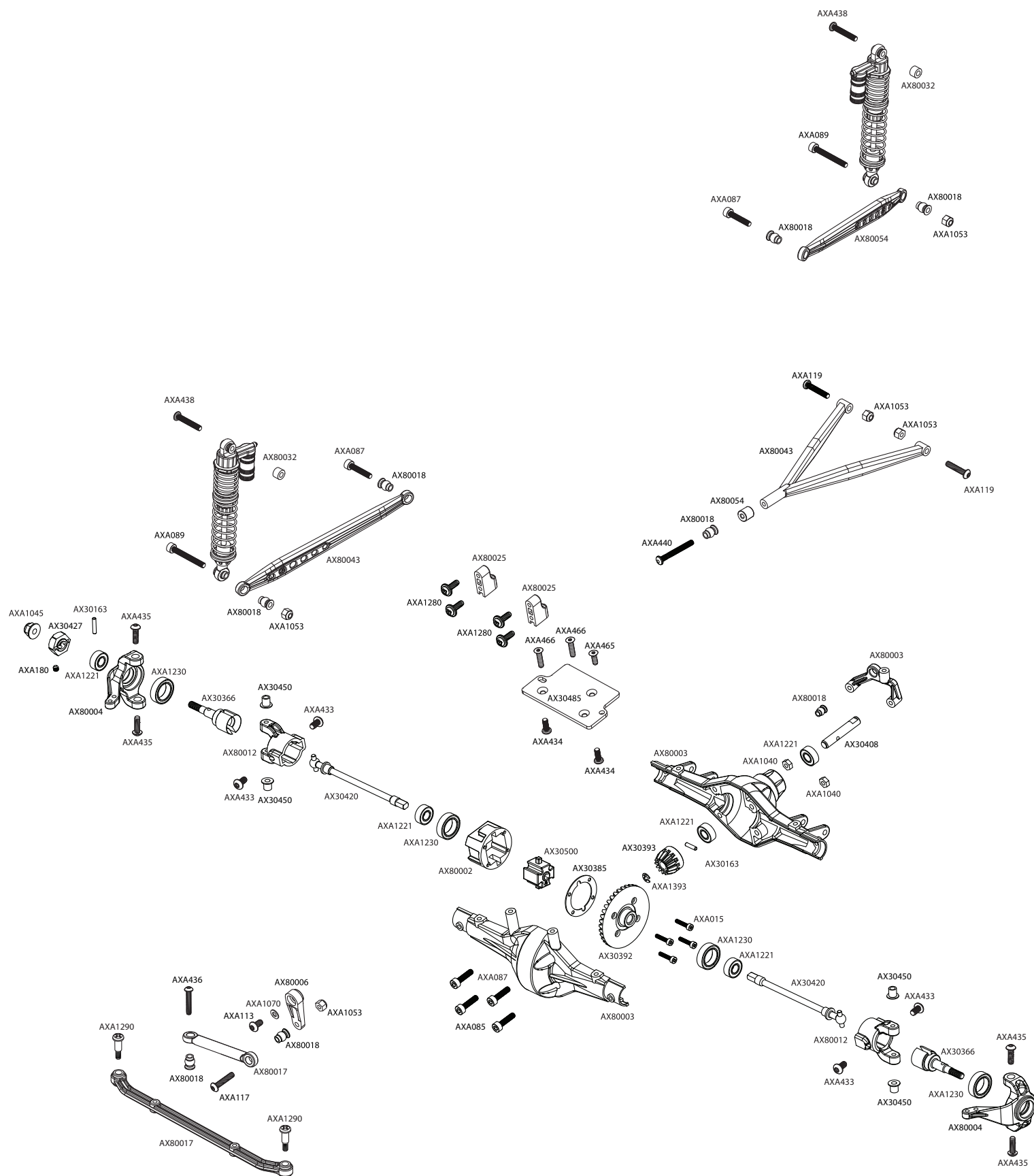
TRAIL HONCHO[™]
READY-TO-RUN
1/10th SCALE ELECTRIC 4WD



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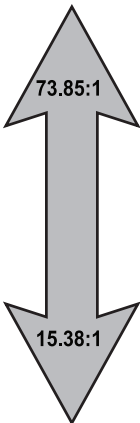


Gear Ratio / Getriebeübersetzung

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)

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
	30	17.95	18.46	19.23	20.00	20.77	21.79	22.31	23.08	23.85
	31	17.37	17.87	18.61	19.35	20.10	21.09	21.59	22.33	23.08
	32	16.83	17.31	18.03	18.75	19.47	20.43	20.91	21.63	22.36
	33	16.32	16.78	17.48	18.18	18.88	19.81	20.28	20.98	21.68
	34	15.84	16.29	16.97	17.65	18.33	19.23	19.68	20.36	21.04
	35	15.38	15.82	16.48	17.14	17.80	18.68	19.12	19.78	20.44

Wheels - Tires / Räder - Ermüdet

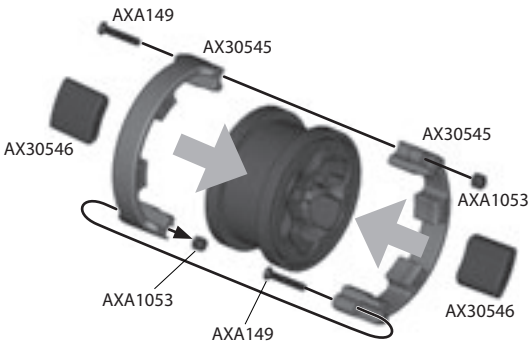
The Wraith Rock Racer is set up to be competitive right out of the box, however terrain, weather and driving style all affect the performance of the chassis. You can fine tune performance of your Wraith Rock Racer by adding weight, trimming the inner foam, and tuning your tires.

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

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.

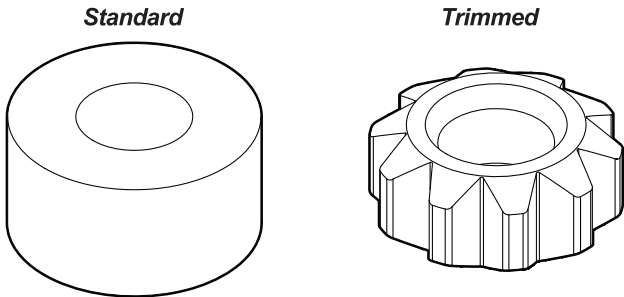
Sie können an der Vorderachse Gewicht hinzufügen um die Traktion zu verbessern. Die meisten Fahrer verwenden Aufsteckbare Rädergewichte die innerhalb des Reifens montiert werden, Sie können aber auch Airsoft Kugeln oder BB's verwenden. Sie werden experimentieren müssen, um zu bestimmen, wieviel Gewicht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



Tire Flex / Reifen Flex

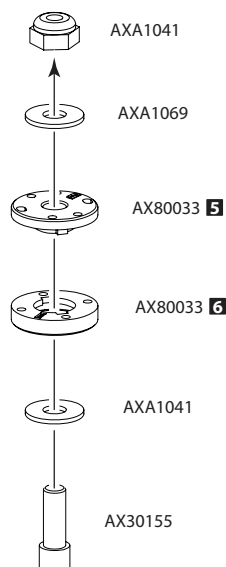
You can adjust the amount of tire flex you get by trimming your inner foam. Visit www.rccrawler.com to see all the choices you have before trimming your inner foams.

Sie können die Eigenschaften des Reifens durch trimmen der Reifeneinlage ändern. Besuchen Sie www.rccrawler.com, um Möglichkeiten für diese Änderung zu sehen, bevor Sie die Einlage bearbeiten.



Shock Tuning / Stossdämpferabstimmung

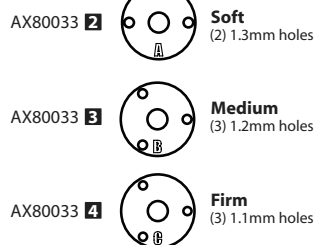
Installation



Pistons

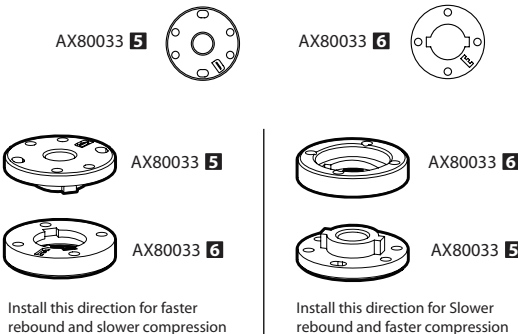
Standard Pistons

Provides the same dampening rate on both compression and extension



Variable Rate Pistons

Provides a different dampening rate depending on which direction you install.



Springs/Oil



Springs

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

For rock crawling applications it is recommended to use a stiffer spring on which ever 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.



NOTES

Parts List

Part # Description

AX08138	1.9 Wheel - 26mm wide (Chrome/Black) (2pcs)
AX12016	1.9 Ripsaw Tires - R35 Compound (2pcs)
AX30031	Antenna
AX30041	Velcro Strap 15x160mm
AX30146	Shock Shaft 3x50 (2pcs)
AX30162	Pin 1.5x8mm (6pcs.)
AX30163	Pin 2.0x10 (6pcs.)
AX30166	Pin 1.5x11mm (6pcs)
AX30190	Shaft 5x18 (2pcs.)
AX30198	Slipper Drive gear Shaft 5x53.5
AX30200	Spring 12.5x20mm 3.6 lbs/in - Super Soft (Red)
AX30207	Spring 12.5x40mm 4.08 lbs/in - Medium (Green)
AX30366	Axle 5x35mm
AX30385	Diff Gasket 16x25x0.5mm (2pcs)
AX30392	Bevel Gear Set (38/13)
AX30394	20T Drive Gear
AX30408	Input Shaft 5x29mm (2pcs)
AX30410	Inner Slipper Plate
AX30411	Outer Slipper Plate
AX30412	Slipper pad 27x8x1mm
AX30413	Slipper spring 8.5x12 165 lbs/in - Black (2pcs)
AX30420	Solid Axle Dogbone 6x74mm
AX30421	Straight Axle 6x104.50mm (2pcs)
AX30427	Axial Narrow 12mm Aluminum Hub - Black (4pcs)
AX30435	Steel Outdrive Shaft Set (2pcs)
AX30450	Flange Pipe 3x4.5x5.5 (4pcs.)
AX30463	WB8 Universal Joint Rebuild Kit (2pcs)
AX30483	AX10 Scorpion Radio Plate
AX30485	AX10 Scorpion Servo Plate
AX30491	AX10 RTR Motor Plate
AX30499	Transmission Spacer 5x6.9x4.8mm - Grey (2pcs)
AX30500	Heavy Duty Locker (2pcs)
AX30502	SCX10 Chassis Rail Set (2pcs)
AX30530	Front Skid Plates - Tube Style Bumper - Silver Aluminum (3pcs)
AX30578	Pinion 48DP 20T
AX30672	Spur 48DP 87T
AX30784	WB8 Driveshaft Coupler Set
AX4025	Axial Trail Honcho Truck Body - .040" uncut (Clear) w/Molded Rear Cage
AX80002	Diff Case -Small
AX80003	Solid Axle Set
AX80004	Hub Set
AX80006	Servo Set
AX80009	Transmission Set
AX80010	Gear Set
AX80011	Drive Shaft Set
AX80012	C Hub Carrier Set
AX80017	Steering Linkage Parts Tree
AX80018	Hardware Parts Tree
AX80020	Straight Axle Adapter Parts Tree
AX80025	SCX10 Shock Hoops Parts Tree
AX80026	SCX10 Frame Brace Set
AX80027	SCX10 Battery Tray Holder
AX80028	SCX10 Radio Box Parts Tree
AX80029	Shock Cap Parts Tree
AX80030	61-90 Shock Body Set
AX80031	Body Mount Parts Tree
AX80032	Shock Parts
AX80041	1/10th Scale Rock Rails Set (2pcs)
AX80043	SCX10 RTR Links Parts Tree
AX80044	Axial SCX10 Tube Bumper Parts Tree
AX80045	LED Light Holder Set A
AX80046	1/10th Scale Truggy Bed Set
AX80049	LED Lens Set - Clear
AX80054	SCX10 130mm Lower Links Parts Tree
AX80078	Transmission Spur Gear Cover
AX80084	WB8 Driveshaft
AX8079	Axial Hub Cover Set - Black (4pcs)
AXA0113	M3x6mm Hex Socket Button Head (Black) (10pcs)
AXA013	M2x6mm Cap Head (Black Oxide)
AXA015	M2x10mm Cap Head (Black Oxide)
AXA0175	Screw Shaft M3x2.5x11mm (10pcs)

Part # Description

AXA083	M3x6mm Cap Head (Black Oxide)
AXA085	M3x10mm Cap Head (Black Oxide)
AXA087	M3x16mm Cap Head (Black Oxide)
AXA088	M3x20mm Cap Head (Black Oxide)
AXA089	M3x25mm Cap Head (Black Oxide)
AXA1040	M3 Thin Hex Nut (BLACK)
AXA1045	M4 Nylon Lock Nut (Black)
AXA1052	M3 Thin Nylon Locking Hex Nut (Black)
AXA1053	M3 Nylon Locking Hex Nut (BLACK)
AXA1059	6mm Body clip (Black)
AXA1070	Washer 3x6x0.5
AXA1071	Washer 4x8x0.5mm
AXA1091	Washer 5x10x.5 (Black) (10pcs)
AXA1163	O-Ring 7x1mm
AXA117	M3x15mm Hex Socket Button Head (Black) (10pcs)
AXA1179	O-Ring 2.5x1.5mm (10pcs)
AXA119	M3x20mm Hex Socket Button Head (Black) (10pcs)
AXA121	M3x30mm Hex Socket Button Head (Black) (10pcs)
AXA1218	Bearing 5x10x4mm
AXA1221	Bearing 5x11x4mm
AXA1225	Bearing 8x16x5mm
AXA1230	Bearing 10x15x4mm
AXA1280	M3x10mm Servo Flange Screw
AXA1290	Step Screw M3x4x14mm (6pcs)
AXA1358	Shock Damper 3x7x8 (10pcs)
AXA1392	E2 e-clip (10pcs)
AXA1393	E2.5 e-clip (10pcs)
AXA144	M3x8mm Hex Socket Flat Head (Black) (10pcs)
AXA176	Screw Shaft M3x2.5x13mm (10pcs)
AXA180	M3x3mm Set Screw (Black Oxide) (10pcs)
AXA433	M3x6mm Hex Socket Tapping Button Head (Black) (10pcs)
AXA434	M3x8mm Hex Socket Tapping Button Head (Black) (10pcs)
AXA435	M3x10mm Hex Socket Tapping Button Head (Black) (10pcs)
AXA436	M3x12mm Hex Socket Tapping Button Head (Black) (10pcs)
AXA438	M3x18mm Hex Socket Tapping Button Head (Black) (10pcs)
AXA440	M3x25mm Hex Socket Tapping Button Head (Black) (10pcs)
AXA463	M3x6mm Hex Socket Tapping Flat Head (Black) (10pcs)
AXA464	M3x8mm Hex Socket Tapping Flat Head (Black) (10pcs)
AXA465	M3x10mm Hex Socket Tapping Flat Head (Black) (10pcs)
AXA466	M3x12mm Hex Socket Tapping Flat Head (Black) (10pcs)
AXA468	M3x18mm Hex Socket Tapping Flat Head (Black) (10pcs)
AXA469	M3x20mm Hex Socket Tapping Flat Head (Black) (10pcs)
AXA471	M3x30mm Hex Socket Tapping Flat Head (Black) (10pcs)

Electronics

AX24004	Axial 27T Electric Motor
AX24206	2.4GHz Radio System (2 Channel) (AX-3, AR-3)
AX24257	Simple LED Controller w/LED lights
AX24259	Axial AE-2 Forward/Reverse ESC w/Drum Brake

Option Parts

AX4025R	Axial Trail Honcho Truck Body - .040" uncut (Clear) - Body Only
AX04028	Wraith Interior Set - .040" (Clear)
AX24007	Axial 55T Electric Motor
AX24251	Axial NVS - Night Visions System
AX24252	Axial Double LED Light String (White LED)
AX24253	Axial Double LED Light String (Red LED)
AX24254	Axial Double LED Light String (Orange LED)
AX24255	Axial Single LED Light String (White LED)
AX24256	Axial 5 LED Light String (White LED)
AX30200	Spring 12.5x20mm 3.6 lbs/in - Super Soft (Red) - (2pcs)
AX30201	Spring 12.5x20mm 4.32 lbs/in - Soft (White) - (2pcs)
AX30202	Spring 12.5x20mm 5.44 lbs/in - Medium (Green) - (2pcs)
AX30203	Spring 12.5x20mm 6.53 lbs/in - Firm (Yellow) - (2pcs)
AX30204	Spring 12.5x20mm 7.95 lbs/in - Super Firm (Blue) - (2pcs)
AX30205	Spring 12.5x40mm 2.7 lbs/in - Super Soft (Red) - (2pcs)
AX30206	Spring 12.5x40mm 3.6 lbs/in - Soft (White) - (2pcs)
AX30207	Spring 12.5x40mm 4.08 lbs/in - Medium (Green) - (2pcs)
AX30208	Spring 12.5x40mm 5.44 lbs/in - Firm (Yellow) - (2pcs)
AX30209	Spring 12.5x40mm 6.81 lbs/in - Super Firm (Blue) - (2pcs)
AX30395	Heavy Duty Bevel Gear Set

Parts List

Part #	Description	Part #	Description
AX30460	AX10 Scorpion Universal Joint Axle (2pcs)	AX8089	Axial 1.9 8 Hole Beadlocks - Black Chrome (2pcs)
AX30461	AX10 Scorpion Universal Joint Axle Shaft (2pcs)	AX8119	Axial 1.9 Beadlock Ring - Green (2pcs)
AX30462	AX10 Scorpion Universal Joint Rebuild kit (2pcs)	AX8120	Axial 1.9 Beadlock Ring - Blue (2pcs)
AX30464	AX10 Scorpion Universal Set (2pcs)	AX8121	Axial 1.9 Beadlock Ring - Red (2pcs)
AX30492	AX10 Scorpion Rear Steer Kit	AX8122	Axial 1.9 Beadlock Ring - Grey (2pcs)
AX30494	Aluminum Rear Axle Lockout (2pcs)	AX8123	Axial 1.9 Beadlock Ring - Orange (2pcs)
AX30495	Aluminum C Hub Carrier - Black (2pcs)	AX8124	Axial 1.9 Rock Beadlock Ring - Green (2pcs)
AX30496	Aluminum Knuckle - Black (2pcs)	AX8125	Axial 1.9 Rock Beadlock - Blue (2pcs)
AX30578	Pinion 48DP 20 T	AX8126	Axial 1.9 Rock Beadlock Ring - Red (2pcs)
AX4000	Axial War Wagon Truck Body .060 Pre-Cut Clear	AX8127	Axial 1.9 Rock Beadlock Ring - Grey (2pcs)
AX4001	Axial Baja Buzzard Truck Body .060 Pre-Cut Clear	AX8128	Axial 1.9 Rock Beadlock Ring - Orange (2pcs)
AX4002	Axial Diablo Truck Body .060 Pre-Cut Clear	AXA1105	Cone Washer 3x6.9x2mm - Grey (6pcs)
AX4004	Axial B-17 Betty Truck Body - .060 Pre-Cut (Clear)	AXA1331	Flanged Ball 3x5.8x7mm (6pcs)
AX4009	Axial Trail Ranger Truck Body - .040" (Clear)	AXA1412	0.5x6mm Spacer - Grey (6pcs)
AX4010	Axial Dingo Truck Body - .040" uncut (Clear)	AXA1413	1x6mm Spacer - Grey (6pcs)
AX4010R	Axial Dingo Truck Body - .040" uncut (Clear) - Body Only	AXA1414	2x6mm Spacer - Grey (6pcs)
AX4011	CF-100 Interior Set (clear)	AXA1415	3x6mm Spacer - Grey (6pcs)
AX4014	Axial XC-1 Rock Crawler Body - .040" (Clear)	AXA1416	4x6mm Spacer - Grey (6pcs)
AX4016	34 Rat Rod Truck (Clear)	AXA1417	5x6mm Spacer - Grey (6pcs)
AX4025R	Axial Trail Honcho Truck Body - .040" uncut (Clear) - Body Only	AXA1418	6x6mm Spacer - Grey (6pcs)
AX80039A	1/10th Scale Front Plate Bumper Set	AXA1419	7x10mm Post - Grey (2pcs)
AX80039B	1/10th Scale Rear Plate Bumper Set	AXA1420	7x15mm Post - Grey (2pcs)
AX80040	1/10th Scale Fender Flare Set	AXA1421	7x20mm Post - Grey (2pcs)
AX80041	1/10th Scale Rock Rails Set	AXA1422	7x25mm Post - Grey (2pcs)
AX80042	1/10th Scale Roll Cage	AXA1423	7x30mm Post - Grey (2pcs)
AX80043	SCX10 RTR Links Parts Tree	AXA1424	7x35mm Post - Grey (2pcs)
AX8078	Axial Hub Cover Set - White (4pcs)	AXA1425	7x40mm Post - Grey (2pcs)
AX8079	Axial Hub Cover Set - Black (4pcs)	AXA1426	7x45mm Post - Grey (2pcs)
AX8080	Axial Hub Cover Set - Satin Chrome (4pcs)	AXA1427	7x50mm Post - Grey (2pcs)
AX8081	Axial Hub Cover Set - Black Chrome (4pcs)	AXA1428	7x55mm Post - Grey (2pcs)
AX8086	Axial 1.9 8 Hole Beadlocks - White (2pcs)	AXA1429	7x60mm Post - Grey (2pcs)
AX8087	Axial 1.9 8 Hole Beadlocks - Black (2pcs)	AXA1430	7x65mm Post - Grey (2pcs)
AX8088	Axial 1.9 8 Hole Beadlocks - Satin Chrome (2pcs)	AXA1431	7x70mm Post - Grey (2pcs)

NOTES