



E-Revo® VXL Brushless (Model 86086-4) Parts List

Parts shown in bold are optional accessories. Part categories and individual part listings are arranged alphabetically.

Bearings & Bushings

- 5107A Ball bearing, black rubber sealed (17x26x5mm) (2)
- 5120 Ball bearings, blue rubber sealed (12x18x4mm) (2)
- 5101 Ball bearings, blue rubber sealed (12x21x5mm) (2)
- 5116 Ball bearings, blue rubber sealed (5x11x4mm) (2)
- 5114 Ball bearings, blue rubber sealed (5x8x2.5mm) (2)
- 5180 Ball bearings, blue rubber sealed (6x13x5mm) (2)
- 5118 Ball bearings, blue rubber sealed (8x16x5mm) (2)

Body & Accessories

- 1926 Antenna caps, vinyl (2)/ antenna spool**
- 5526 Antenna crimp nut, aluminum (blue-anodized)/ antenna nut tools
- 5526R Antenna crimp nut, aluminum (red-anodized)/ antenna nut tools**
- 1726 Antenna, tube (1)/ vinyl antenna cap (1)/ wire retainer (1)
- 8615 Body mounts, front & rear/ 3x12mm CS (4)/ 3x12mm shoulder screw (2)/ 3x10mm flat-head machine screw (8)/ 3x12mm BCS (1)
- 8614 Body posts, clipless, front & rear (1 each)
- 8610 Body reinforcement set (fits #8611 body)**
- 8613 Body support/ 3x12mm CS (4)
- 8611R Body, E-Revo, black/ window, grille, lights decal sheet (assembled with front & rear body mounts and rear body support for clipless mounting)**
- 8611X Body, E-Revo, blue/ window, grille, lights decal sheet (assembled with front & rear body mounts and rear body support for clipless mounting)
- 8611T Body, E-Revo, purple/ window, grille, lights decal sheet (assembled with front & rear body mounts and rear body support for clipless mounting)
- 8611 Body, E-Revo® (clear, requires painting)/ window, grille, lights decal sheet**
- 2514 Decal sheet, racing sponsors**
- 9950 Official Team Traxxas® racing decal set (flag logo/ 6-color)**
- 8617 Skid plate, roof (body)/ 3x12mm CS (4)
- 5185 Tires, rubber (2) (fits Traxxas® wheelie bar wheels)**
- 4974 Wheelie bar arm (1)/ connector (1)/ 3x12 SS (hex drive) (4)**
- 5473 Wheelie bar mount (1)(fits 1/10 scale Revo trucks)**
- 5472 Wheelie bar, assembled (fits all 1/10th scale Revo trucks)**
- 4976 Wheels (4)/ Axles (2), for wheelie bar**
- 5413 Wing mount, center / wing washers (for Revo®)
- 8616 Wing mounts, low profile
- 5446 Wing, Revo® (black)/ decal sheet
- 5446G Wing, Revo® (Exo-Carbon finish)/ decal sheet**
- 5412 Wing, Revo® (white)/ decal sheet**

Bumpers & Skidplates

- 5335X Bumpers, front and rear (black chrome)
- 5315 Guards, steering servo (2)
- 8637 Skid plate set, front/ skid plate, rear/ 3x10 BCS (6)/ 3x30 BCS (1) (fits #8629 & 8630 bulkheads)
- 5637X Skidplate, transmission, nylon (black)/ cover

Chassis & Attachments

- 8615 Body mounts, front & rear/ 3x12mm CS (4)/ 3x12mm shoulder screw (2)/ 3x10mm flat-head machine screw (8)/ 3x12mm BCS (1)
- 5624 Box, receiver (sealed)/ foam pad/ silicone grease/ 3x8mm BCS (2)/ 2.5x8mm CS (2)/ 3x6mm BCS (2)
- 5323 Bulkhead tie bars, front & rear (blue-anodized aluminum)
- 5323R Bulkhead tie bars, front & rear (red-anodized aluminum)**
- 8630 Bulkhead, front (upper and lower)/ 4x12mm BCS (6) (requires #8622 chassis)
- 8629 Bulkhead, rear (upper and lower)/ 4x12mm BCS (6) (requires #8622 chassis)
- 8620 Chassis supports, front & rear/ 3x12mm BCS (4)/ 3x15mm CS (4)/ 4x14mm BCS (1)
- 8622 Chassis, E-Revo® (requires #8629 & 8630 bulkheads)
- 5627 Door, battery compartment (2) (fits right or left side)
- 5315 Guards, steering servo (2)
- 5629 Retainer clip, battery (1)/ front clip (1)/ rear clip (1)/ foam spacer (1) (for one battery compartment)
- 5625 Seal kit, receiver box (includes o-ring, seals, and silicone grease)
- 5317 Shock mounts (front & rear)/ wire clip (1)/ chassis wire clips (4)/ 3x32mm CS (4)/ 3x6mm BCS (1)
- 8637 Skid plate set, front/ skid plate, rear/ 3x10 BCS (6)/ 3x30 BCS (1) (fits #8629 & 8630 bulkheads)
- 5637X Skidplate, transmission, nylon (black)/ cover
- 5185 Tires, rubber (2) (fits Traxxas® wheelie bar wheels)**

- 5628 Vent, battery compartment (includes latch) (1 pair, fits left or right side)
- 4974 Wheelie bar arm (1)/ connector (1)/ 3x12 SS (hex drive) (4)**
- 5473 Wheelie bar mount (1)(fits 1/10 scale Revo trucks)**
- 5472 Wheelie bar, assembled (fits all 1/10th scale Revo trucks)**
- 4976 Wheels (4)/ axles (2) (for T-Maxx®/E-Maxx wheelie bar)**

Cush Drive Components

- 6465 Cush drive key/ pin/ elastomer damper
- 6487X Gear, 15-T pinion (1.0 metric pitch) (fits 5mm shaft)/ set screw
- 6494X Gear, 20-T pinion (1.0 metric pitch) (fits 5mm shaft)/ set screw**
- 7793X Housing, cush drive (front & rear halves)
- 6447 Spur gear, 46-tooth (1.0 metric pitch)**
- 6448 Spur gear, 50-tooth (1.0 metric pitch)**
- 6449 Spur gear, 54-tooth (1.0 metric pitch)

Differential Components

- 5118 Ball bearings, blue rubber sealed (8x16x5mm) (2)
- 8681X Carrier, differential (aluminum)/ x-ring gaskets (2)/ ring gear gasket/ spacers (4)/ 12.2x18x0.5 metal washer
- 8681 Carrier, differential (heavy duty)/ x-ring gaskets (2)/ ring gear gasket/ spacers (4)/ 12.2x18x0.5 PTFE-coated washer (1)
- 8687 Center differential, complete (fits E-Revo® VXL)**
- 8680 Differential gasket/ x-rings (2)/ 12.2x18x0.5 metal washer (1)/ 12.2x18x0.5 PTFE-coated washer (1)
- 5136X Differential oil kit (1 each: 10K, 30K, 50K weights)**
- 8686 Differential, front or rear, complete (fits E-Revo® VXL)**
- 8682 Gear set, differential (spider gears (4), spider gear shaft (2))
- 5130 Oil, differential (100K wt) (0.7 oz (20cc))**
- 5135 Oil, differential (10K wt)**
- 5040 Oil, differential (20M wt) (standard)
- 5136 Oil, differential (30K wt)**
- 5137 Oil, differential (50K wt)
- 8684 Output gear, center differential, hardened steel (2)
- 8683 Output gears, differential, hardened steel (2)
- 8679 Ring gear, differential/ pinion gear, differential

Driveline Components

- 8635 Axle carriers, left & right (1 each) (use with 8x16mm & 17x26mm ball bearings)/ dust boot retainers (4)
- 8652 Drive cup, machined steel (2)/ 4x17mm screw pins (2)
- 8650 Driveshaft, steel constant-velocity (heavy duty, shaft only, 122.5mm)
- 8655R Driveshafts, center E-Revo® (steel constant-velocity) front (1)/ rear (1) (assembled with inner and outer dust boots, for E-Revo)**
- 5150 E-clips, 1.5mm (24)
- 8655 Half shafts, center (internal splined (2)/ external splined (2)) (plastic parts only)
- 8651 Rebuild kit, driveshaft (cross pin (2)/ 16mm pin (2)) (metal parts for 2 driveshafts)
- 5145 Screw pin, 4x15mm (6)
- 8653 Stub axle
- 5452 U-joints, driveshaft (carrier (4)/ 4.5mm cross pin (4)/ 3mm cross pin (4)/ e-clips (20)) (metal parts for 2 driveshafts)
- 8654 Wheel hubs, splined, 17mm (blue-anodized) (4)/ 4x5 GS (4)/ 3x14mm pin (4)
- 8654G Wheel hubs, splined, 17mm (green-anodized) (4)/ 4x5 GS (4)/ 3x14mm pin (4)**
- 8654A Wheel hubs, splined, 17mm (orange-anodized) (4)/ 4x5 GS (4)/ 3x14mm pin (4)**
- 8654R Wheel hubs, splined, 17mm (red-anodized) (4)/ 4x5 GS (4)/ 3x14mm pin (4)**
- 7758A Wheel nuts, splined, 17mm, serrated (black-anodized) (4)**
- 7758 Wheel nuts, splined, 17mm, serrated (blue-anodized) (4)
- 7758G Wheel nuts, splined, 17mm, serrated (green-anodized) (4)**
- 7758T Wheel nuts, splined, 17mm, serrated (orange-anodized) (4)**
- 7758R Wheel nuts, splined, 17mm, serrated (red-anodized) (4)**
- 8658 Yokes, transmission (2)/ 4x15mm screw pins (2)

Front Suspension

- 8635 Axle carriers, left & right (1 each) (use with 8x16mm & 17x26mm ball bearings)/ dust boot retainers (4)
- 5323 Bulkhead tie bars, front & rear (blue-anodized aluminum)
- 5323R Bulkhead tie bars, front & rear (red-anodized aluminum)**
- 8630 Bulkhead, front (upper and lower)/ 4x12mm BCS (6) (requires #8622 chassis)
- 5134 Caster spacers (4)/ shims (4)

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5378X	Pivot ball caps (4)/ dust boots, rubber (4)/ dust plugs, rubber (4)/ dust boot retainers, black (4), blue (4) (2 pkgs. req. to complete truck)
4933	Pivot balls (4)/ pivot ball cap bushings (4)
4933X	Pivot balls, hard-anodized 7075-T6 aluminum (4)/ pivot ball cap bushings (4)
8619	Push rods (steel), heavy duty (2) (assembled with rod ends)
8619X	Push rods, aluminum (blue-anodized), heavy duty (2) (assembled with rod ends and threaded inserts)
8619G	Push rods, aluminum (green-anodized), heavy duty (2) (assembled with rod ends and threaded inserts)
8619R	Push rods, aluminum (red-anodized), heavy duty (2) (assembled with rod ends and threaded inserts)
5354X	Rocker arm post (aluminum) (4)
5354	Rocker arm post (steel) (2)
5358	Rocker arm set, progressive-2 (90-T)/ spacers (red aluminum) (8)
8647X	Rod ends, heavy duty (push rod) (8) (assembled with hollow balls) (replacement ends for #8619, 8619G, 8619R, 8619X)
8646	Rod ends, heavy duty (toe links) (8) (assembled with hollow balls)
8632X	Suspension arms, blue, front (left), heavy duty (upper 1)/ lower (1)
8631X	Suspension arms, blue, front (right), heavy duty (upper 1)/ lower (1)
8632	Suspension arms, front (left), heavy duty (upper 1)/ lower (1))
8631	Suspension arms, front (right), heavy duty (upper 1)/ lower (1))
8632G	Suspension arms, green, front (left), heavy duty (upper 1)/ lower (1)
8631G	Suspension arms, green, front (right), heavy duty (upper 1)/ lower (1)
8632T	Suspension arms, orange, front (left), heavy duty (upper 1)/ lower (1)
8631T	Suspension arms, orange, front (right), heavy duty (upper 1)/ lower (1)
8632R	Suspension arms, red, front (left), heavy duty (upper 1)/ lower (1)
8631R	Suspension arms, red, front (right), heavy duty (upper 1)/ lower (1)
8632A	Suspension arms, white, front (left), heavy duty (upper 1)/ lower (1)
8631A	Suspension arms, white, front (right), heavy duty (upper 1)/ lower (1)
5321	Suspension pin set (front or rear, hardened steel), 3x20mm (4), 3x40mm (2)
8638	Toe link, 5.0mm steel (front or rear) (2)
8638X	Toe links, E-Revo® VXL (TUBES blue-anodized, 7075-T6 aluminum, stronger than titanium) (144mm) (2)/ rod ends, assembled with steel hollow balls (8)/ aluminum wrench, 10mm (1)
8638G	Toe links, E-Revo® VXL (TUBES green-anodized, 7075-T6 aluminum, stronger than titanium) (144mm) (2)/ rod ends, assembled with steel hollow balls (8)/ aluminum wrench, 10mm (1)
8638R	Toe links, E-Revo® VXL (TUBES red-anodized, 7075-T6 aluminum, stronger than titanium) (144mm) (2)/ rod ends, assembled with steel hollow balls (8)/ aluminum wrench, 10mm (1)

Hardware

5150	E-clips, 1.5mm (24)
5477	Flat wrench, 5mm (blue-anodized aluminum)
5478	Flat wrench, 8mm (blue-anodized aluminum)
3980	Glow plug wrench (universal wrench)
2586	Head screws, 3x15mm cap-head machine (hex drive) (6) (TRX 2.5)
5476X	Hex wrenches; 1.5mm, 2mm, 2.5mm, 3mm, 2.5mm ball
5475	Multi-tool (plastic)
5144	Screw pin, 2.5x18mm (6)
5145	Screw pin, 4x15mm (6)
3236	Screws, 2.5x12mm cap-head machine (6)
3965	Screws, 2.5x8mm cap-head machine (6)
2577	Screws, 3x10mm button-head machine (hex drive) (6)
2587	Screws, 3x10mm cap-head machine (6) (no washer)
2551	Screws, 3x10mm countersunk machine (6) (hex drive)
5282	Screws, 3x12mm button-head machine (6) (starter attachment screws with threadlock)
2578	Screws, 3x12mm button-head machine (hex drive) (6)
2552	Screws, 3x12mm countersunk machine (6) (hex drive)
2579	Screws, 3x15mm button-head machine (hex drive) (6)
2553	Screws, 3x15mm countersunk machine (6) (hex drive)
2581	Screws, 3x25mm button-head machine (hex drive) (6)
2582	Screws, 3x30mm button-head machine (hex drive) (6)
3971	Screws, 3x35mm cap-head machine (hex drive) (6)
2575	Screws, 3x6mm button-head machine (hex drive) (6)
2576	Screws, 3x8mm button-head machine (hex drive) (6)
3936	Screws, 4x10mm button-head machine (hex drive) (6)

3937	Screws, 4x12mm button-head machine (hex drive) (6)
3938	Screws, 4x14mm button-head machine (hex drive) (6)
3929	Screws, 4x18mm button-head machine (hex drive) (6)
3939	Screws, 4x6mm button-head machine (hex drive) (with threadlock) (6)
4897	Screws, set (grub) 4mm (6) (with threadlock)

Motors & Electronics

3475	Cooling fan, Velineon® VXL ESC (fits VXL-6s & VXL-8s)
2072A	Gear set (for 2070, 2075 servos)
2252	Gear set, metal (for 2250, 2255 servos)
2072R	Gear set, metal, high speed (for 2070, 2075 servos)
8661	Motor mount hinge post/ fixed gear adapter/ 5x25mm BCS (1)/ 4x16mm CS with split and flat washer (1)
5660	Motor mount, finned aluminum
3481	Motor, 2200Kv 75mm, brushless (with 6.5mm gold-plated connectors & high-efficiency heatsink)
8690	Plate, motor
2254	Servo case, aluminum (blue-anodized) (middle) (for 2250 servo)
2253	Servo case, aluminum (red-anodized) (middle) (for 2255 servo)
2251	Servo case, plastic (top, middle, bottom)/ gaskets/ hardware (for 2250, 2255 servos)
2074	Servo case/gaskets (for 2056 and 2075 waterproof servos)
2075R	Servo, digital high-speed, metal gear (ball bearing), waterproof
2075	Servo, digital high-torque (ball bearing), waterproof
2250	Servo, digital high-torque 330 coreless, metal gear (ball bearing), waterproof
2255	Servo, digital high-torque 400 brushless, metal gear (ball bearing), waterproof
2075X	Servo, digital high-torque, metal gear (ball bearing), waterproof
3480	Velineon® VXL-6s Brushless Power System, waterproof (includes VXL-6s ESC and 2200Kv, 75mm motor)
3485	Velineon® VXL-6s Electronic Speed Control, waterproof (brushless) (fwd/rev/brake)

Radio System, Batteries & Chargers

2872X	5000mAh 11.1v 3-Cell 25C LiPo Battery
2842X	5000mAh 7.4v 2-Cell 25C LiPo Battery
2843X	5800mAh 7.4v 2-Cell 25C LiPo Battery
2869X	7600mAh 7.4v 2-Cell 25C LiPo Battery
2976	AC to DC converter, 40W
2938X	Adapter, Traxxas® iD® LiPo battery (adapts Traxxas iD batteries to separate balance ports)
5526	Antenna crimp nut, aluminum (blue-anodized)/ antenna nut tools
5526R	Antenna crimp nut, aluminum (red-anodized)/ antenna nut tools
1726	Antenna, tube (1)/ vinyl antenna cap (1)/ wire retainer (1)
2943	Battery charge indicators (green (4), blue (4), grey (4))
6548	Battery door, transmitter (replacement for #6516, 6517, 6528, 6529, 6530 transmitters)
2914	Battery, Power Cell AA Alkaline (4)
2991	Battery/charger completer pack (includes #2972 Dual iD® charger (1), #2869X 7600mAh 7.4V 2-cell 25C LiPo battery (2))
2990	Battery/charger completer pack (includes #2972 Dual iD® charger (1), #2872X 5000mAh 11.1V 3-cell 25C LiPo battery (2))
2972	Charger, EZ-Peak® Dual, 100W, NiMH/LiPo with iD® Auto Battery Identification
2973	Charger, EZ-Peak® Live Dual, 200W, NiMH/LiPo with iD® Auto Battery Identification
2971	Charger, EZ-Peak® Live, 100W, NiMH/LiPo with iD® Auto Battery Identification
2970	Charger, EZ-Peak® Plus, 4 amp, NiMH/LiPo with iD® Auto Battery Identification
5632	Chassis brace, rear (fits E-Revo®/Summit)
6525	Communication link, telemetry expander
6566	Data Link cable, telemetry expander (connects #6550X telemetry expander 2.0 to the #3485 VXL-6s or #3496 VXL-8s electronic speed control)
2978	Fuse, charger, 5A (2) (for #2974, 2975, 2977)
2072A	Gear set (for 2070, 2075 servos)
2252	Gear set, metal (for 2250, 2255 servos)
2072R	Gear set, metal, high speed (for 2070, 2075 servos)
2968X	LiPo cell voltage checker/balancer (includes #2938X adapter for Traxxas® iD® batteries)
2968	LiPo cell voltage checker/balancer (requires #2938X adapter for Traxxas® iD® batteries)
6556	Mount, telemetry expander (fits XO-1®, E-Revo®, Summit®, all T-Maxx®/E-Maxx® trucks, Revo® 3.3, Slayer Pro 4X4) (*requires rear chassis brace #5632)
6535	Mount, temperature sensor (electric motors)/ wire tie/ thermal pad
6533	Receiver, micro, TQi 2.4GHz with telemetry & TSM (5-channel)
6552	Seal kit, expander box (includes o-ring, seals, and silicone grease)
6526	Sensor, auto-detectable, temperature

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6527	Sensor, auto-detectable, voltage
6521	Sensor, temperature and voltage (long)
2254	Servo case, aluminum (blue-anodized) (middle) (for 2250 servo)
2253	Servo case, aluminum (red-anodized) (middle) (for 2255 servo)
2251	Servo case, plastic (top, middle, bottom) gaskets/ hardware (for 2250, 2255 servos)
2074	Servo case/gaskets (for 2056 and 2075 waterproof servos)
2075R	Servo, digital high-speed, metal gear (ball bearing), waterproof
2075	Servo, digital high-torque (ball bearing), waterproof
2250	Servo, digital high-torque 330 coreless, metal gear (ball bearing), waterproof
2255	Servo, digital high-torque 400 brushless, metal gear (ball bearing), waterproof
2075X	Servo, digital high-torque, metal gear (ball bearing), waterproof
6553X	Telemetry expander 2.0 and GPS module 2.0, TQi radio system
6550X	Telemetry expander 2.0, TQi radio system (for use only with #6551X GPS module)
6551X	Telemetry GPS module 2.0, TQi radio system (for use only with #6550X telemetry expander)
6509R	TQi 2.4 GHz High Output radio system, 2-channel, Traxxas Link™ enabled, TSM (2-ch transmitter, 5-ch micro receiver)
6507R	TQi 2.4 GHz High Output radio system, 4-channel with Traxxas Link™ Wireless Module, TSM (4-ch transmitter, 5-ch micro receiver)
6528	Transmitter, TQi Traxxas Link™ enabled, 2.4GHz high output, 2-channel (transmitter only)
6529	Transmitter, TQi Traxxas Link™ enabled, 2.4GHz high output, 3-channel (transmitter only)
6530	Transmitter, TQi Traxxas Link™ enabled, 2.4GHz high output, 4-channel (transmitter only)
6511	Traxxas Link™ Wireless Module

Ready-To-Race Model

86086-4	E-Revo® VXL Brushless: 1/10 Scale 4WD Brushless Electric Monster Truck with TQi 2.4GHz Traxxas Link™ Enabled Radio System and Traxxas Stability Management (TSM)®
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Rear Suspension

8635	Axle carriers, left & right (1 each) (use with 8x16mm & 17x26mm ball bearings)/ dust boot retainers (4)
5323	Bulkhead tie bars, front & rear (blue-anodized aluminum)
5323R	Bulkhead tie bars, front & rear (red-anodized aluminum)
8629	Bulkhead, rear (upper and lower)/ 4x12mm BCS (6) (requires #8622 chassis)
5378X	Pivot ball caps (4)/ dust boots, rubber (4)/ dust plugs, rubber (4)/ dust boot retainers, black (4), blue (4) (2 pkgs. req. to complete truck)
4933	Pivot balls (4)/ pivot ball cap bushings (4)
4933X	Pivot balls, hard-anodized 7075-T6 aluminum (4)/ pivot ball cap bushings (4)
8619	Push rods (steel), heavy duty (2) (assembled with rod ends)
8619X	Push rods, aluminum (blue-anodized), heavy duty (2) (assembled with rod ends and threaded inserts)
8619G	Push rods, aluminum (green-anodized), heavy duty (2) (assembled with rod ends and threaded inserts)
8619R	Push rods, aluminum (red-anodized), heavy duty (2) (assembled with rod ends and threaded inserts)
5354X	Rocker arm post (aluminum) (4)
5354	Rocker arm post (steel) (2)
5358	Rocker arm set, progressive-2 (90-T)/ spacers (red aluminum) (8)
8647X	Rod ends, heavy duty (push rod) (8) (assembled with hollow balls) (replacement ends for #8619, 8619G, 8619R, 8619X)
8646	Rod ends, heavy duty (toe links) (8) (assembled with hollow balls)
8634X	Suspension arms, blue, rear (left), heavy duty, adjustable wheelbase (upper (1)/ lower (1))
8633X	Suspension arms, blue, rear (right), heavy duty, adjustable wheelbase (upper (1)/ lower (1))
8634G	Suspension arms, green, rear (left), heavy duty, adjustable wheelbase (upper (1)/ lower (1))
8633G	Suspension arms, green, rear (right), heavy duty, adjustable wheelbase (upper (1)/ lower (1))
8634T	Suspension arms, orange, rear (left), heavy duty, adjustable wheelbase (upper (1)/ lower (1))
8633T	Suspension arms, orange, rear (right), heavy duty, adjustable wheelbase (upper (1)/ lower (1))
8634	Suspension arms, rear (left), heavy duty, adjustable wheelbase (upper (1)/ lower (1))
8633	Suspension arms, rear (right), heavy duty, adjustable wheelbase (upper (1)/ lower (1))
8634R	Suspension arms, red, rear (left), heavy duty, adjustable wheelbase (upper (1)/ lower (1))
8633R	Suspension arms, red, rear (right), heavy duty, adjustable wheelbase (upper (1)/ lower (1))
8634A	Suspension arms, white, rear (left), heavy duty, adjustable wheelbase (upper (1)/ lower (1))

8633A	Suspension arms, white, rear (right), heavy duty, adjustable wheelbase (upper (1)/ lower (1))
5321	Suspension pin set (front or rear, hardened steel), 3x20mm (4), 3x40mm (2)
8638	Toe link, 5.0mm steel (front or rear) (2)
8638X	Toe links, E-Revo® VXL (TUBES blue-anodized, 7075-T6 aluminum, stronger than titanium) (144mm) (2)/ rod ends, assembled with steel hollow balls (8)/ aluminum wrench, 10mm (1)
8638G	Toe links, E-Revo® VXL (TUBES green-anodized, 7075-T6 aluminum, stronger than titanium) (144mm) (2)/ rod ends, assembled with steel hollow balls (8)/ aluminum wrench, 10mm (1)
8638R	Toe links, E-Revo® VXL (TUBES red-anodized, 7075-T6 aluminum, stronger than titanium) (144mm) (2)/ rod ends, assembled with steel hollow balls (8)/ aluminum wrench, 10mm (1)

Shock Oil

5031	Oil, shock (20 wt, 200 cSt, 60cc) (silicone)
5032	Oil, shock (30 wt, 350 cSt, 60cc) (silicone)
5033	Oil, shock (40 wt, 500 cSt, 60cc) (silicone)
5034	Oil, shock (50 wt, 600 cSt, 60cc) (silicone)
5035	Oil, shock (60 wt, 700 cSt, 60cc) (silicone)
5036	Oil, shock (70 wt, 900 cSt, 60cc) (silicone)
5037	Oil, shock (80 wt, 1,000 cSt, 60cc) (silicone)
5029	Shock oil bottle (60cc) (for mixing shock oil)
5038X	Shock oil set (includes 20 wt, 30 wt, 40 wt, 50 wt, 60 wt, 70 wt, & 80 wt premium shock oils with spinning carousel rack)
1667	Silicone shock oil (30 wt), 60cc
5038	Spinning carousel rack

Shocks (GTR)

5466X	Body, GTR shock (hard-anodized, PTFE-coated aluminum) (1)
5465	Caps and spring retainers, GTR shock (upper cap (2)/ hollow balls (2)/ bottom cap (2)/ upper retainer (2)/ lower retainer (2))
5475	Multi-tool (plastic)
5158	Nuts, 2.5mm nylon locking (12)
5462	Rebuild kit, GTR shock (x-rings, bump stops, bladders, all pistons, piston nuts, shock rod ends) renews 2 shocks
5469	Rod ends (GTR shocks) (6)
5463	Shaft, GTR shock (2) (stainless)
5463T	Shaft, GTR shock, TiN-coated (2)
5460	Shocks, GTR aluminum (assembled) (2) (without springs)
5460A	Shocks, GTR aluminum, blue-anodized (fully assembled w/o springs) (4)
5460R	Shocks, GTR aluminum, red-anodized (fully assembled w/o springs) (4)
5460X	Shocks, GTR hard-anodized, PTFE-coated aluminum bodies with TiN shafts (fully assembled w/o springs) (4)
5461	Variable damping kit, GTR shocks (includes #1, #2, #3 pistons and stainless steel valves)

Springs

5435	Spring, shock (red) (GTR) (2.6 rate yellow) (1 pair)
5436	Spring, shock (red) (GTR) (2.9 rate white) (1 pair)
5437	Spring, shock (red) (GTR) (3.2 rate orange) (1 pair)
5438	Spring, shock (red) (GTR) (3.5 rate green) (1 pair)
5439	Spring, shock (red) (GTR) (3.8 rate gold) (1 pair)
5440	Spring, shock (red) (GTR) (4.1 rate tan) (1 pair)
5441	Spring, shock (red) (GTR) (4.4 rate black) (1 pair)
5442	Spring, shock (red) (GTR) (4.9 rate silver) (std. front 120mm) (1 pair)
5444	Spring, shock (red) (GTR) (5.9 rate blue) (std. rear 120mm) (1 pair)
5445	Spring, shock (red) (GTR) (6.4 rate purple) (1 pair)
5443	Spring, shock red (GTR) (5.4 rate pink) (1 pair)

Spur Gears & Pinion Gears

6484X	Gear, 11-T pinion (1.0 metric pitch) (fits 5mm shaft)/ set screw (for use only with steel spur gears)
6485X	Gear, 12-T pinion (1.0 metric pitch) (fits 5mm shaft)/ set screw (for use only with steel spur gears)
6486X	Gear, 13-T pinion (1.0 metric pitch) (fits 5mm shaft)/ set screw (for use only with steel spur gears)
6488X	Gear, 14-T pinion (1.0 metric pitch) (fits 5mm shaft)/ set screw
6487X	Gear, 15-T pinion (1.0 metric pitch) (fits 5mm shaft)/ set screw
6489X	Gear, 16-T pinion (1.0 metric pitch) (fits 5mm shaft)/ set screw
6490X	Gear, 17-T pinion (1.0 metric pitch) (fits 5mm shaft)/ set screw
6491X	Gear, 18-T pinion (1.0 metric pitch) (fits 5mm shaft)/ set screw
6491R	Gear, 18-T pinion (machined) (1.0 metric pitch) (fits 5mm shaft)/ set screw
6494X	Gear, 20-T pinion (1.0 metric pitch) (fits 5mm shaft)/ set screw
6447	Spur gear, 46-tooth (1.0 metric pitch)

Page 4 E-Revo® VXL Brushless: TQi Traxxas Link Enabled 2.4GHz Radio & TSM (Model 86086-4) Parts List

6447R	Spur gear, 46-tooth, steel (wide-face, 1.0 metric pitch)
6448	Spur gear, 50-tooth (1.0 metric pitch)
6448R	Spur gear, 50-tooth, steel (wide-face, 1.0 metric pitch)
6449	Spur gear, 54-tooth (1.0 metric pitch)
6449X	Spur gear, 54-tooth, steel (1.0 metric pitch)
6449R	Spur gear, 54-tooth, steel (wide-face, 1.0 metric pitch)

Steering Components

2072A	Gear set (for 2070, 2075 servos)
2072R	Gear set, metal, high speed (for 2070, 2075 servos)
5355X	Hollow ball set, aluminum (30)/ tall centered hollow ball (2)/ tall offset hollow ball (2)/ bump steer adjustment shims; 3.5mm (2), 1.17mm (2)
5355	Hollow ball, tall centered (2)/ tall offset hollow ball (2)/ bump steer adjustment shims; 3.5mm (2), 1.17mm (2)
5343X	Mount, steering arm/ steering stops (2) (lower hinge pin retainer) (includes standard and maximum throw steering stops)
5469	Rod ends (GTR shocks) (6)
8646	Rod ends, heavy duty (toe links) (8) (assembled with hollow balls)
5349	Rod ends, small, with hollow balls (6) (for Revo® steering linkage)
5345X	Servo horns, steering and throttle (for non-Traxxas® servos (Hitec, JR, KO, Airtronics))
5345R	Servo horns, steering, long (2), short (2)/ linkage, steering (3x20mm turnbuckle) (2)/ rod ends (short) (4)/ hollow balls (4)
5344X	Servo saver spring, heavy duty (for use with metal-gear servos)
2075R	Servo, digital high-speed, metal gear (ball bearing), waterproof
2075	Servo, digital high-torque (ball bearing), waterproof
2075X	Servo, digital high-torque, metal gear (ball bearing), waterproof
5344	Steering arm (upper & lower)/ servo saver/ servo saver spring/ steering arm shaft
8638	Toe link, 5.0mm steel (front or rear) (2)
8638X	Toe links, E-Revo® VXL (TUBES blue-anodized, 7075-T6 aluminum, stronger than titanium) (144mm) (2)/ rod ends, assembled with steel hollow balls (8)/ aluminum wrench, 10mm (1)
8638G	Toe links, E-Revo® VXL (TUBES green-anodized, 7075-T6 aluminum, stronger than titanium) (144mm) (2)/ rod ends, assembled with steel hollow balls (8)/ aluminum wrench, 10mm (1)
8638R	Toe links, E-Revo® VXL (TUBES red-anodized, 7075-T6 aluminum, stronger than titanium) (144mm) (2)/ rod ends, assembled with steel hollow balls (8)/ aluminum wrench, 10mm (1)

Suspension Linkage

5355X	Hollow ball set, aluminum (30)/ tall centered hollow ball (2)/ tall offset hollow ball (2)/ bump steer adjustment shims; 3.5mm (2), 1.17mm (2)
5355	Hollow ball, tall centered (2)/ tall offset hollow ball (2)/ bump steer adjustment shims; 3.5mm (2), 1.17mm (2)
8619	Push rods (steel), heavy duty (2) (assembled with rod ends)
8619X	Push rods, aluminum (blue-anodized), heavy duty (2) (assembled with rod ends and threaded inserts)
8619G	Push rods, aluminum (green-anodized), heavy duty (2) (assembled with rod ends and threaded inserts)
8619R	Push rods, aluminum (red-anodized), heavy duty (2) (assembled with rod ends and threaded inserts)
5469	Rod ends (GTR shocks) (6)
8647X	Rod ends, heavy duty (push rod) (8) (assembled with hollow balls) (replacement ends for #8619, 8619G, 8619R, 8619X)
8646	Rod ends, heavy duty (toe links) (8) (assembled with hollow balls)
5345R	Servo horns, steering, long (2), short (2)/ linkage, steering (3x20mm turnbuckle) (2)/ rod ends (short) (4)/ hollow balls (4)
5321	Suspension pin set (front or rear, hardened steel), 3x20mm (4), 3x40mm (2)
8638	Toe link, 5.0mm steel (front or rear) (2)
8638X	Toe links, E-Revo® VXL (TUBES blue-anodized, 7075-T6 aluminum, stronger than titanium) (144mm) (2)/ rod ends, assembled with steel hollow balls (8)/ aluminum wrench, 10mm (1)
8638G	Toe links, E-Revo® VXL (TUBES green-anodized, 7075-T6 aluminum, stronger than titanium) (144mm) (2)/ rod ends, assembled with steel hollow balls (8)/ aluminum wrench, 10mm (1)
8638R	Toe links, E-Revo® VXL (TUBES red-anodized, 7075-T6 aluminum, stronger than titanium) (144mm) (2)/ rod ends, assembled with steel hollow balls (8)/ aluminum wrench, 10mm (1)

Team Traxxas Items

2514	Decal sheet, racing sponsors
6160X	DVD, Maxx® Power! Full Throttle Action (sleeve)
9950	Official Team Traxxas® racing decal set (flag logo/ 6-color)
9909	Traxxas® racing banner, red & black (3x7 feet)

Tires & Wheels

8674	Tires & wheels, assembled, glued (black 3.8" wheels, paddle tires, foam inserts) (2) (TSM rated)
8672	Tires & wheels, assembled, glued (black wheels, Talon EXT tires, foam inserts) (2) (17mm splined) (TSM rated)
8672G	Tires & wheels, assembled, glued (green wheels, Talon EXT tires, foam inserts) (2) (17mm splined) (TSM rated)
8672A	Tires & wheels, assembled, glued (orange wheels, Talon EXT tires, foam inserts) (2) (17mm splined) (TSM rated)
4983A	Tires & wheels, assembled, glued (SS (Split Spoke) black chrome wheels, Maxx® tires (6.3" outer diameter), foam inserts) (2) (use with 17mm splined wheel hubs & nuts, part #5353X) (fits Revo®/T-Maxx®/E-Maxx®) (TSM rated)
5670	Tires, Canyon AT 3.8" (2)/ foam inserts (2)
4973	Tires, Maxx® 3.8" (6.3" outer diameter (160mm)) (2) (fits Revo®/T-Maxx®/E-Maxx®)
5171	Tires, Maxx® Chevron 3.8" (2) (fits Revo®/T-Maxx®/E-Maxx®)
8673	Tires, paddle 3.8" (2)/ foam inserts (2)
5375	Tires, Response Pro 3.8" (soft-compound, narrow profile, short knobby design)/ foam inserts (2)
5471	Tires, Response racing 3.8" (soft-compound, narrow profile, short knobby design)/ foam inserts (2)
5470	Tires, SportTraxx racing 3.8" (soft compound, directional and asymmetrical tread design)/ foam inserts (2)
8670	Tires, Talon EXT 3.8" (2)/ foam inserts (2)
8654	Wheel hubs, splined, 17mm (blue-anodized) (4)/ 4x5 GS (4)/ 3x14mm pin (4)
8654G	Wheel hubs, splined, 17mm (green-anodized) (4)/ 4x5 GS (4)/ 3x14mm pin (4)
8654A	Wheel hubs, splined, 17mm (orange-anodized) (4)/ 4x5 GS (4)/ 3x14mm pin (4)
8654R	Wheel hubs, splined, 17mm (red-anodized) (4)/ 4x5 GS (4)/ 3x14mm pin (4)
7758A	Wheel nuts, splined, 17mm, serrated (black-anodized) (4)
7758	Wheel nuts, splined, 17mm, serrated (blue-anodized) (4)
7758G	Wheel nuts, splined, 17mm, serrated (green-anodized) (4)
7758T	Wheel nuts, splined, 17mm, serrated (orange-anodized) (4)
7758R	Wheel nuts, splined, 17mm, serrated (red-anodized) (4)
8671	Wheels, 3.8" (black) (2) (17mm splined)
8671G	Wheels, 3.8" (green) (2) (17mm splined)
8671A	Wheels, 3.8" (orange) (2) (17mm splined)

Transmission Components

5116	Ball bearings, blue rubber sealed (5x11x4mm) (2)
8681X	Carrier, differential (aluminum)/ x-ring gaskets (2)/ ring gear gasket/ spacers (4)/ 12.2x18x0.5 metal washer
8677	Cover, gear/ 3x12mm CS (1)
6465	Cush drive key/ pin/ elastomer damper
8682	Gear set, differential (spider gears (4), spider gear shaft (2))
8691	Gearbox halves (front & rear)/ idler gear shaft
5041	Grease, premium high performance (20cc)
7793X	Housing, cush drive (front & rear halves)
8692	Input shaft/ idler gear
8661	Motor mount hinge post/ fixed gear adapter/ 5x25mm BCS (1)/ 4x16mm CS with split and flat washer (1)
5660	Motor mount, finned aluminum
8685	Output gear, 36-tooth, metal
8684	Output gear, center differential, hardened steel (2)
8690	Plate, motor
3965	Screws, 2.5x8mm cap-head machine (6)
2552	Screws, 3x12mm countersunk machine (6) (hex drive)
1647	Silicone grease
8695	Transmission, complete (fits E-Revo® VXL)

Traxxas Tools

3433X	Body reamer (aluminum handle)
3433	Body reamer (plastic handle)
3436	Cap, body reamer
3432	Scissors, curved tip
3431	Scissors, straight tip
8712	Speed Bit Essentials Set, hex and nut driver, 7-piece, includes premium handle (medium), travel pouch, hex drivers (straight: 1.5mm, 2.0mm, 2.5mm) and nut drivers (5.0mm, 5.5mm, 7.0mm, and 8.0mm), 1/4" drive
8721	Speed bit handle, medium (one piece)
8720	Speed bit handle, premium, large (rubber overmold)
8722	Speed bit handle, premium, medium (rubber overmold)
8710	Speed Bit Master Set, hex and nut driver, 13-piece, includes premium handle (medium), travel pouch, hex drivers (straight: 1.5mm, 2.0mm, 2.5mm, 3.0mm), (ball-end: 2.0mm, 2.5mm, 3.0mm), and nut drivers (4.00mm, 4.50mm, 5.00mm, 5.50mm, 7.00mm, 8.00mm),

- 8711 Speed Bit Master Set, hex driver, 7-piece straight and ball end, includes premium handle (medium), travel pouch, hex drivers (straight: 1.5mm, 2.0mm, 2.5mm, 3.0mm) (ball end: 2.0mm, 2.5mm, 3.0mm), 1/4" drive
- 8719 Speed Bit Master Set, nut driver, 6-piece, includes premium handle (medium), travel pouch, and nut drivers (4.0mm, 4.5mm, 5.0mm, 5.5mm, 7.0mm, 8.0mm), 1/4" drive
- 8716 Speed Bit Set, hex driver, 2-piece ball-end (2.0mm, 2.5mm), 1/4" drive
- 8716X Speed Bit Set, hex driver, 3-piece ball-end (2.0mm, 2.5mm, 3.0mm), 1/4" drive
- 8715 Speed Bit Set, hex driver, 3-piece straight (1.5mm, 2.0mm, 2.5mm), 1/4" drive
- 8715X Speed Bit Set, hex driver, 4-piece straight (1.5mm, 2.0mm, 2.5mm, 3.0mm), 1/4" drive
- 3415 Tool set with pouch (includes 1.5mm, 2.0mm, 2.5mm, 3.0mm, 3.5mm, 4mm drivers/ 4mm, 5mm, 5.5mm, 7mm and 8mm nut drivers/ 2mm, 4mm, and 5mm slotted screwdrivers/ #00 Phillips, #0 Phillips, and #1 Phillips screwdrivers/ 4mm and 8mm wrench/ driver handle

Turnbuckles & Threaded Rods

- 5477 Flat wrench, 5mm (blue-anodized aluminum)
- 5341 Linkage, steering (Revo® 3.3) (3x50mm Turnbuckle) (2)/ rod ends (short) (4)/ hollow balls (4)
- 8619 Push rods (steel), heavy duty (2) (assembled with rod ends)
- 8619X Push rods, aluminum (blue-anodized), heavy duty (2) (assembled with rod ends and threaded inserts)
- 8619G Push rods, aluminum (green-anodized), heavy duty (2) (assembled with rod ends and threaded inserts)
- 8619R Push rods, aluminum (red-anodized), heavy duty (2) (assembled with rod ends and threaded inserts)
- 8647X Rod ends, heavy duty (push rod) (8) (assembled with hollow balls) (replacement ends for #8619, 8619G, 8619R, 8619X)
- 8646 Rod ends, heavy duty (toe links) (8) (assembled with hollow balls)
- 8638 Toe link, 5.0mm steel (front or rear) (2)
- 8638X Toe links, E-Revo® VXL (TUBES blue-anodized, 7075-T6 aluminum, stronger than titanium) (144mm) (2)/ rod ends, assembled with steel hollow balls (8)/ aluminum wrench, 10mm (1)
- 8638G Toe links, E-Revo® VXL (TUBES green-anodized, 7075-T6 aluminum, stronger than titanium) (144mm) (2)/ rod ends, assembled with steel hollow balls (8)/ aluminum wrench, 10mm (1)
- 8638R Toe links, E-Revo® VXL (TUBES red-anodized, 7075-T6 aluminum, stronger than titanium) (144mm) (2)/ rod ends, assembled with steel hollow balls (8)/ aluminum wrench, 10mm (1)

If you have questions or need technical assistance, call Traxxas at:

1-888-TRAXXAS

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