



Unlimited Desert Racer® (Model 85086-4) Parts List

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

Axle Components

8540	Axle housing, rear/ axle supports, left & right/ axle hub, rear (2)
8539	Axle shaft, rear
8540X	Rear axle housing & differential carrier (satin black chrome-plated) (internal components sold separately)

Bearings & Bushings

5106A	Ball bearing, black rubber sealed (15x24x5mm) (2)
5102A	Ball bearings, black rubber sealed (15x21x4mm) (2)
5114A	Ball bearings, black rubber sealed (5x8x2.5mm) (2)
5180A	Ball bearings, black rubber sealed (6x13x5mm) (2)
7019R	Ball bearings, blue rubber sealed (4x8x3mm) (8)
7020	Ball bearings, blue rubber sealed (8x12x3.5mm) (2)
5118	Ball bearings, blue rubber sealed (8x16x5mm) (2)

Body & Accessories

8511	Body, Desert Racer (clear, trimmed, requires painting)/ decal sheet
8513	Body, Desert Racer, Fox Edition (painted)/ decals
8558	Body, Desert Racer, Fox Edition (orange) (painted)/ decals
8514	Body, Desert Racer, Rigid Edition (painted)/ decals
8559	Body, Desert Racer, Rigid Edition (green) (painted)/ decals
8528	Body, Desert Racer®, Traxxas Edition (painted)/ decals
8561	Decals, Unlimited Desert Racer®, Fox Edition
8515	Decals, Unlimited Desert Racer®, Fox Edition
8562	Decals, Unlimited Desert Racer®, Rigid Edition
8516	Decals, Unlimited Desert Racer®, Rigid Edition
8518	Driver helmet, grey (2)
8512	Interior, clear (unpainted)
8517	Window nets (2)/ 2.5x8mm CS (8)

Brake Components

8567	Brake calipers, front or rear (grey) (4)
8569	Wheel hubs, hex (disc brake rotors) (4)
8568	Wheel hubs, hex, steel (4)

Bumpers & Skidplates

8535	Bumper, front/ bumper support
8535X	Bumper, front/ bumper support (satin black chrome-plated)
8536	Rear bumper/ bumper extension
8536X	Rear bumper/ bumper extension (satin black chrome-plated)
8537X	Skidplate, front (plastic) (satin black chrome-plated)
8537	Skidplate, front (plastic)/ support plate (steel)

Chassis & Attachments

8525	Battery connector retainer/ wall support/ front & rear clips
8524	Battery door/ battery strap/ retainers (2)/ latch
8522	Chassis
8420	Chassis tray/ driveshaft clamps/ fuel filler (black)
8518	Driver helmet, grey (2)
8512	Interior, clear (unpainted)
8560	Motor mount/ pin (2)
8520	Nerf bars (left or right) (2)
8519	Number plates, left & right
8536	Rear bumper/ bumper extension
8536X	Rear bumper/ bumper extension (satin black chrome-plated)
8526	Servo mount, steering
8538	Shock mounts, rear (left & right)
8538X	Shock mounts, rear (left & right) (satin black chrome-plated)
8521	Skidplate, chassis
8544	Trailing arm (2) (assembled with hollow balls)
8544X	Trailing arm, aluminum (blue-anodized) (2) (assembled with hollow balls)
8544A	Trailing arm, aluminum (dark titanium anodized) (2) (assembled with hollow balls)
8544R	Trailing arm, aluminum (red-anodized) (2) (assembled with hollow balls)
8431	Tube chassis, center section, front
8431X	Tube chassis, center section, front (satin black chrome-plated)
8432	Tube chassis, center section, rear
8432X	Tube chassis, center section, rear (satin black chrome-plated)
8433	Tube chassis, center support/ cage top/ rear cage support
8433X	Tube chassis, center support/ cage top/ rear cage support (satin black chrome-plated)
8434X	Tube chassis, inner panels (blue aluminum) (front (2)/ wheel well (4)/ middle (4)/ rear (2))

8434	Tube chassis, inner panels (front (2)/ middle (4)/ rear (2))
8434R	Tube chassis, inner panels (red aluminum) (front (2)/ wheel well (4)/ middle (4)/ rear (2))
8434A	Tube chassis, inner panels (silver aluminum) (front (2)/ wheel well (4)/ middle (4)/ rear (2))
8430	Tube chassis, side section (left & right)
8430X	Tube chassis, side section (left & right) (satin black chrome-plated)

Differential Components

8581X	Carrier, differential, aluminum/ x-ring gaskets (2), ring gear gasket/ 14.5x20 TW (2)/ spider bushings (4)
8541	Carrier, differential, rear axle (left & right halves)
8581	Carrier, differential/ x-ring gaskets (2)/ ring gear gasket/ 14.5x20 TW (2)
8571	Center differential, complete (fits Unlimited Desert Racer®)
5136X	Differential oil kit (1 each: 10K, 30K, 50K weights)
8572	Differential, front, complete (fits Unlimited Desert Racer®)
8576X	Differential, rear, aluminum carrier (fully assembled)
8576	Differential, rear, complete (fits Unlimited Desert Racer®)
8583	Gear set, center differential (output gears (2)/ spider gears (4))
8582	Gear set, differential (front) (output gears (2)/ spider gears (4))
8577	Gear set, rear differential (output gears (2)/ spider gears (4)) (#8581 required to build complete differential)
8580	Housing, differential (front)
8592	Housing, planetary gears (front & rear halves)
5042	Oil, differential (1M wt) (standard)
8588	Planetary gears (4)
8578	Ring gear, differential/ pinion gear, differential (front)
8579	Ring gear, differential/ pinion gear, differential (rear)
8585	Ring gear, planetary
8584	Spider gear shaft (2)/ spider bushing (4)
8586	Sun gear, planetary (center)
8587	Sun gear, planetary (rear)

Driveline Components

8551	Drive cup (1)/ 2.5x10 CS (for use only with #8550 driveshaft)
8555	Driveshaft, center rear, 6061-T6 aluminum (black-anodized) (fully assembled)/ 3mm screw pin (2)
8556X	Driveshaft, center, front (steel)/ 4x13 screw pin
8550	Driveshaft, steel constant-velocity (shaft only, 96mm) (1)
8556	Driveshafts, center front/ 4mm screw pin (1)/ 3x10 CS (1)
8554	Rebuild kit, steel constant velocity driveshaft (includes drive pin & cross pin for two driveshaft assemblies)
8557	Screw pin, 3x11mm (with threadlock) (6)
8553	Stub axle, steel (use with #8550 driveshaft)
8569	Wheel hubs, hex (disc brake rotors) (4)
8568	Wheel hubs, hex, steel (4)

Front Suspension & Steering

8552	Axle carriers, left & right (1 each)
8523	Bulkhead tie bar, front (steel)
8530	Bulkhead, front
8550	Driveshaft, steel constant-velocity (shaft only, 96mm) (1)
5339	Insert, threaded steel (Replacement Inserts For Tubes, Part 5338R) (Includes (1) Left And (1) Right Threaded insert)
8596	Linkage, sway bar, front (2) (assembled with hollow balls)/ sway bar arm (left & right)
8534	Mounts, suspension arm, upper (front) (left & right)
8534X	Mounts, suspension arm, upper (front) (left & right) (satin black chrome-plated)
8543	Steering bellcranks/ servo saver/ servo saver spring/ servo spring retainer/servo horn, steering
8553	Stub axle, steel (use with #8550 driveshaft)
8533	Suspension arm, lower left/ arm insert (assembled with hollow ball)
8533X	Suspension arm, lower left/ arm insert (satin black chrome-plated) (assembled with hollow ball)
8532	Suspension arm, lower right/ arm insert (assembled with hollow ball)
8532X	Suspension arm, lower right/ arm insert (satin black chrome-plated) (assembled with hollow ball)
8531	Suspension arms, upper (left & right) (assembled with hollow balls)
8531X	Suspension arms, upper (left & right) (satin black chrome-plated) (assembled with hollow balls)
8546	Suspension pin retainers (upper (2), lower (1))
8545	Suspension pin set (front) (3x51mm (2), 3x54mm (2), 3x93mm (2))
8596X	Sway Bar Arms, front, (satin-plated)

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8598	Sway bars (front & rear)	3482	Rebuild kit, 2200Kv motor, brushless (includes plastic endbell, 5x16x5mm ball bearings (2), 5.05x7.5x.05 washer (1), 5.05x7.5x0.1 washer (1), 5.05x7.5x.19 washer (1), 6x5x15 spacer (1))
8547	Toe links, front (2) (assembled with hollow balls)	2254	Servo case, aluminum (middle) (blue-anodized) (for 2250 servo)
8547X	Toe links, front, Unlimited Desert Racer® (TUBES blue-anodized, 7075-T6 aluminum, stronger than titanium) (102mm) (2) (assembled with rod ends and hollow balls)/ aluminum wrench, 7mm (1)	2251	Servo case, plastic (top, middle, bottom)/ gaskets/ hardware (for 2250, 2255 servos)
8547A	Toe links, front, Unlimited Desert Racer® (TUBES dark titanium anodized, 7075-T6 aluminum, stronger than titanium) (102mm) (2) (assembled with rod ends and hollow balls)/ aluminum wrench, 7mm (1)	2271	Servo case/ gaskets (for 2270 waterproof servo)
8547R	Toe links, front, Unlimited Desert Racer® (TUBES red-anodized, 7075-T6 aluminum, stronger than titanium) (102mm) (2) (assembled with rod ends and hollow balls)/ aluminum wrench, 7mm (1)	8526	Servo mount, steering
		2250	Servo, digital high-torque 330 coreless, metal gear (ball bearing), waterproof
		2270	Servo, digital high-torque, metal gear (ball bearing), waterproof

Hardware

8447A	Nuts, 5mm flanged nylon locking (aluminum, black-anodized, serrated) (4)
8447X	Nuts, 5mm flanged nylon locking (aluminum, blue-anodized, serrated) (4)
8447G	Nuts, 5mm flanged nylon locking (aluminum, green-anodized, serrated) (4)
8447R	Nuts, 5mm flanged nylon locking (aluminum, red-anodized, serrated) (4)
8447	Nuts, 5mm flanged nylon locking (steel, black serrated) (8)
5147X	Nuts, 5mm flanged nylon locking (steel, serrated) (8)
4955	Pins, axle (2.5x12mm) (4)
8557	Screw pin, 3x11mm (with threadlock) (6)
5189	Screw pins, 4x13mm (with threadlock) (4)
3229	Screws, 2.5x10mm cap-head machine (hex drive) (6)
3236	Screws, 2.5x12mm cap-head machine (hex drive) (6)
3215	Screws, 2.5x6mm cap-head machine (hex drive) (6)
2524	Screws, 2.5x8 countersunk machine (hex drive) (6)
3965	Screws, 2.5x8mm cap-head machine (6)
7944	Screws, 2.6x5mm button-head, self-tapping (hex drive) (6)
2577	Screws, 3x10mm button-head machine (hex drive) (6)
2587	Screws, 3x10mm caphead machine (6) (no washer)
2578	Screws, 3x12mm button-head machine (hex drive) (6)
2579	Screws, 3x15mm button-head machine (hex drive) (6)
2586	Screws, 3x15mm cap-head machine (hex drive) (6)
2553	Screws, 3x15mm countersunk machine (6) (hex drive)
2583	Screws, 3x18 button-head machine (hex drive) (6)
2580	Screws, 3x20mm button-head machine (hex drive) (6)
2581	Screws, 3x25mm button-head machine (hex drive) (6)
2582	Screws, 3x30mm button-head machine (hex drive) (6)
2516	Screws, 3x45mm button-head machine (hex drive) (6)
2515	Screws, 3x4mm button-head machine (hex drive) (6)
2534	Screws, 3x6mm countersunk machine (6) (hex drive)
2576	Screws, 3x8mm button-head machine (hex drive) (6)
2550	Screws, 3x8mm countersunk machine (6) (hex drive)
3931	Screws, 3x8mm flat-head machine (hex drive) (6)
3936	Screws, 4x10mm button-head machine (hex drive) (6)
3938	Screws, 4x14mm button-head machine (hex drive) (6)
2546	Screws, 4x15mm countersunk machine (hex drive) (6)
2597	Screws, 4x22mm button-head machine (hex drive) (6)
2596	Screws, 4x25mm button-head machine (hex drive) (6)
2533	Screws, 4x30mm countersunk machine (hex drive) (6)
2595	Screws, 4x35mm button-head machine (hex drive) (6)
1548	Set (grub) screws, 3x4mm (8)/ 4x4mm (stainless) (4)
2746	Washers, 3x6mm metal (12)

LED Lights

8489	2-in-1 wire harness, LED lights (high-voltage)
6590	High-Voltage Power Amplifier
8486	LED light bar, front (high-voltage) (52 white LEDs (double row), 100mm wide)
8487	LED light bar, rear, red (with amber class light) (high-voltage) (24 red LEDs, 24 amber LEDs, 100mm wide)
8488	LED light bar, roof (curved, high-voltage) (52 white LEDs (single row), 202mm wide)
8485	LED light set, complete (includes front light bar (2), rear light bar, curved roof light bar, and high-voltage power amplifier)
8484	Mounts, LED light bar (for 8485 LED light set)

Motors & Electronics

8527	Connector, 25.2 volt to 14.8 volt jumper (allows a Traxxas® dual-battery 25.2 ESC to run on a single 14.8V battery pack)
3475	Cooling fan, Velineon® VXL ESC (fits VXL-6s & VXL-8s)
2252	Gear set, metal (for 2250, 2255 servos)
2272	Gear set, metal (for 2270 waterproof servo)
8560	Motor mount/ pin (2)
3481	Motor, 2200Kv 75mm, brushless (with 6.5mm gold-plated connectors & high-efficiency heatsink)

Radio System, Batteries & Chargers

2872X	5000mah 11.1v 3-Cell 25C LiPo Battery
2889X	5000mah 14.8v 4-Cell 25C LiPo Battery (long)
2842X	5000mah 7.4v 2-Cell 25C LiPo Battery
2843X	5800mah 7.4v 2-Cell 25C LiPo Battery
2890X	6700mah 14.8v 4-Cell 25C LiPo Battery
2869X	7600mah 7.4v 2-Cell 25C LiPo Battery
2938X	Adapter, Traxxas® iD® LiPo battery (adapts Traxxas® iD® batteries to separate balance ports)
1726	Antenna, tube (1)/ vinyl antenna cap (1)/ wire retainer (1)
2943	Battery charge indicators, green (4), grey (4), blue (4)
6548	Battery door, TQ 2.4 transmitter (replacement for #6516, 6517 transmitter)
2914	Battery, Power Cell AA Alkaline (4)
2992	Battery/charger completer pack (includes #2970 iD® charger (1), #2843X 5800mAh 7.4V 2-cell 25C LiPo iD® battery (1))
2991	Battery/charger completer pack (includes #2972 Dual iD charger (1), #2869X 7600mAh 7.4V 2-cell 25C LiPo iD® Battery (2))
2990	Battery/charger completer pack (includes #2972 Dual iD charger (1), #2872X 5000mAh 11.1V 3-cell 25C LiPo iD® Battery (2))
2997	Battery/charger completer pack (includes #2973 Dual iD charger (1), #2890X 6700mAh 14.8V 4-cell 25C LiPo iD® Battery (2))
2998	Battery/charger completer pack (includes #2981 iD charger (1), #2890X 6700mAh 14.8V 4-cell 25C LiPo battery (1))
2996X	Battery/charger completer pack (includes 2971 EZ-Peak Live iD charger (1), 2889X 5000 mAh 14.8V 4-cell 25C LiPo battery (1))
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
2970	Charger, EZ-Peak Plus, 4 amp, NiMH/LiPo with iD Auto Battery Identification
2981	Charger, EZ-Peak® Plus 4s, 8 amp, NiMH/LiPo with iD® Auto Battery Identification
6525	Communication link, telemetry expander
8527	Connector, 25.2 volt to 14.8 volt jumper (allows a Traxxas® dual-battery 25.2 ESC to run on a single 14.8V battery pack)
6512	Cover plate, Traxxas® Link Bluetooth® module
6565	Data link, telemetry expander (connects #6550X telemetry expander 2.0 to the #6590 high-voltage power amplifier)
6566	Data link, telemetry expander (connects #6550X telemetry expander 2.0 to the Velineon® #3465 VXL-4s, #3485 Velineon® VXL-6s, or #3496 Velineon® VXL-8s electronic speed control)
2971	EZ-Peak Live 12-amp NiMH/LiPo Fast Charger with iD® Auto Battery Identification and Bluetooth®
2252	Gear set, metal (for 2250, 2255 servos)
2272	Gear set, metal (for 2270 waterproof servo)
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)
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
6527	Sensor, auto-detectable, voltage
6521	Sensor, temperature and voltage (long)
2254	Servo case, aluminum (middle) (blue-anodized) (for 2250 servo)
2251	Servo case, plastic (top, middle, bottom)/ gaskets/ hardware (for 2250, 2255 servos)
2271	Servo case/ gaskets (for 2270 waterproof servo)
2250	Servo, digital high-torque 330 coreless, metal gear (ball bearing), waterproof
2270	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)

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6551X	Telemetry GPS module 2.0, TQi radio system (for use only with #6550X telemetry expander)
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 Bluetooth® module

Ready-To-Race Model

85086-4	Unlimited Desert Racer®: 4WD Electric Race Truck with TQi™ Traxxas Link™ Enabled 2.4GHz Radio System and Traxxas Stability Management (TSM)®
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Rear Suspension

8540	Axle housing, rear/ axle supports, left & right/ axle hub, rear (2)
8539	Axle shaft, rear
8555	Driveshaft, center rear, 6061-T6 aluminum (black-anodized) (fully assembled)/ 3mm screw pin (2)
8548	Limit strap, rear suspension (2)/ 3x8 flathead screw (4)
8597	Linkage, sway bar, rear (2) (assembled with hollow balls)/ sway bar arm (left & right)
8540X	Rear axle housing & differential carrier (satin black chrome-plated) (internal components sold separately)
8538	Shock mounts, rear (left & right)
8538X	Shock mounts, rear (left & right) (satin black chrome-plated)
8590	Spool/ spacers (left & right)/ 2.5x8 CS (4)
8542T	Suspension link, rear (upper) (aluminum, black-anodized) (10x206mm, center to center) (2) (assembled with hollow balls)
8542A	Suspension link, rear (upper) (aluminum, blue-anodized) (10x206mm, center to center) (2) (assembled with hollow balls)
8542R	Suspension link, rear (upper) (aluminum, red-anodized) (10x206mm, center to center) (2) (assembled with hollow balls)
8542X	Suspension link, rear (upper) (heavy duty, steel) (7x206mm, center to center) (2) (assembled with hollow balls)
8542	Suspension link, rear (upper) (steel) (4x206mm, center to center) (2) (assembled with hollow balls)
8597X	Sway Bar Arms, rear, (satin-plated)
8598	Sway bars (front & rear)
8544	Trailing arm (2) (assembled with hollow balls)
8544X	Trailing arm, aluminum (blue-anodized) (2) (assembled with hollow balls)
8544A	Trailing arm, aluminum (dark titanium anodized) (2) (assembled with hollow balls)
8544R	Trailing arm, aluminum (red-anodized) (2) (assembled with hollow balls)

Scale Details

8426	Batteries, black (2)
8422	Fire extinguisher, red (2)
8425	Floor jack & handle, grey
8424	Oil bottles, grey (2)
8421	Radiator, black
8423	Shock reservoirs, black (2)

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)
5038	Spinning carousel rack

Shocks (GTR)

8452X	Body, GTR shock, 64mm, aluminum (blue-anodized) (front or rear, threaded)
8453X	Body, GTR shock, 64mm, aluminum (blue-anodized) (front, no threads)
8452R	Body, GTR shock, 64mm, aluminum (red-anodized) (front or rear, threaded)
8453R	Body, GTR shock, 64mm, aluminum (red-anodized) (front, no threads)
8452	Body, GTR shock, 64mm, silver aluminum (front or rear, threaded)
8453	Body, GTR shock, 64mm, silver aluminum (front, no threads)
8462X	Body, GTR shock, 77mm, aluminum (blue-anodized) (rear, no threads)
8462R	Body, GTR shock, 77mm, aluminum (red-anodized) (rear, no threads)

8462	Body, GTR shock, 77mm, silver aluminum (rear, no threads)
7468X	Caps & spring retainers, GTR shock (upper cap (2)/ hollow balls (4)/ bottom cap (2)/ upper retainer (2)/ lower retainer (2))
8458	Double seal kit, GTR shocks (x-rings (4)/ 4x6x0.5mm PTFE-coated washers (2)/ bottom caps (2)) (renews 2 shocks)
8455	Rebuild kit, GTR shocks (x-rings, bladders, pistons, piston nuts, shock rod ends) (renews 2 shocks)
8456	Shock caps, aluminum (black-anodized), Fox® shocks (4)
8457	Shock caps, aluminum (blue-anodized), King® shocks (4)
8538	Shock mounts, rear (left & right)
8538X	Shock mounts, rear (left & right) (satin black chrome-plated)
8454	Shock shaft, 69mm (GTR) (front) (2)
8454T	Shock shaft, 69mm (GTR) (front) (TiN-coated) (2)
8463	Shock shaft, 74mm (GTR) (rear) (2)
8463T	Shock shaft, 74mm (GTR) (rear) (TiN-coated) (2)
8464	Shock shaft, 81mm (GTR) (rear) (2)
8464T	Shock shaft, 81mm (GTR) (rear) (TiN-coated) (2)
8451X	Shocks, GTR, 134mm, aluminum (blue-anodized) (fully assembled w/o springs) (front, no threads) (2)
8450X	Shocks, GTR, 134mm, aluminum (blue-anodized) (fully assembled w/o springs) (front, threaded) (2)
8451R	Shocks, GTR, 134mm, aluminum (red-anodized) (fully assembled w/o springs) (front, no threads) (2)
8450R	Shocks, GTR, 134mm, aluminum (red-anodized) (fully assembled w/o springs) (front, threaded) (2)
8451	Shocks, GTR, 134mm, silver aluminum (fully assembled w/o springs) (front, no threads) (2)
8450	Shocks, GTR, 134mm, silver aluminum (fully assembled w/o springs) (front, threaded) (2)
8460X	Shocks, GTR, 139mm, aluminum (blue-anodized) (fully assembled w/o springs) (rear, threaded) (2)
8460	Shocks, GTR, 139mm, silver aluminum (fully assembled w/o springs) (rear, threaded) (2)
8461X	Shocks, GTR, 160mm, aluminum (blue-anodized) (fully assembled w/o springs) (rear, no threads) (2)
8461R	Shocks, GTR, 160mm, aluminum (red-anodized) (fully assembled w/o springs) (rear, no threads) (2)
8461	Shocks, GTR, 160mm, silver aluminum (fully assembled w/o springs) (rear, no threads) (2)
8459	Spring retainers, lower (captured) (4)/ 2.5x10 CS (4)
8443	Spring, shock, 139mm (natural finish) (GTR) (progressive, 0.937 rate, orange stripe) (2)
8442	Spring, shock, 139mm (natural finish) (GTR) (progressive, 1.146 rate, green stripe) (2)
8441	Spring, shock, 139mm (natural finish) (GTR) (progressive, 1.250 rate, blue stripe) (2)
8444A	Spring, shock, front, 134mm (blue) (GTR) (progressive, 0.833 rate, white stripe) (2)
8444	Spring, shock, front, 134mm (natural finish) (GTR) (progressive, 0.833 rate, white stripe) (2)
8444X	Spring, shock, front, 134mm (silver) (GTR) (progressive, 0.833 rate, white stripe) (2)
8445A	Spring, shock, rear, 139mm (blue) (GTR) (progressive, 1.042 rate) (2)
8445	Spring, shock, rear, 139mm (natural finish) (GTR) (progressive, 1.042 rate) (2)
8445X	Spring, shock, rear, 139mm (silver) (GTR) (progressive, 1.042 rate) (2)

Spur Gears & Pinion Gears

5647	Gear, 27-T pinion (0.8 metric pitch, compatible with 32-pitch) (fits 5mm shaft)/ set screw
5638	Gear, 31-T pinion (0.8 metric pitch, compatible with 32-pitch) (fits 5mm shaft)/ set screw
5639	Gear, 34-T pinion (0.8 metric pitch, compatible with 32-pitch) (fits 5mm shaft)/ set screw
8573	Gear, center differential, 47-tooth (spur gear)
8574	Gear, center differential, 51-tooth (spur gear)
8575	Gear, center differential, 55-tooth (spur gear)

Steering Components

5339	Insert, threaded steel (Replacement Inserts For Tubes, Part 5338R) (Includes (1) Left And (1) Right Threaded insert)
8543	Steering bellcranks/ servo saver/ servo saver spring/ servo spring retainer/servo horn, steering
8553	Stub axle, steel (use with #8550 driveshaft)
8547	Toe links, front (2) (assembled with hollow balls)
8547X	Toe links, front, Unlimited Desert Racer® (TUBES blue-anodized, 7075-T6 aluminum, stronger than titanium) (102mm) (2) (assembled with rod ends and hollow balls)/ aluminum wrench, 7mm (1)

Page 4 Unlimited Desert Racer®: TQi™ Traxxas Link™ Enabled 2.4GHz Radio & TSM® (Model 85086-4) Parts List

8547A	Toe links, front, Unlimited Desert Racer® (TUBES dark titanium anodized, 7075-T6 aluminum, stronger than titanium) (102mm) (2) (assembled with rod ends and hollow balls)/ aluminum wrench, 7mm (1)
8547R	Toe links, front, Unlimited Desert Racer® (TUBES red-anodized, 7075-T6 aluminum, stronger than titanium) (102mm) (2) (assembled with rod ends and hollow balls)/ aluminum wrench, 7mm (1)

Suspension Linkage

5339	Insert, threaded steel (Replacement Inserts For Tubes, Part 5338R) (Includes(1) Left And (1) Right Threaded insert)
8542T	Suspension link, rear (upper) (aluminum, black-anodized) (10x206mm, center to center) (2) (assembled with hollow balls)
8542A	Suspension link, rear (upper) (aluminum, blue-anodized) (10x206mm, center to center) (2) (assembled with hollow balls)
8542R	Suspension link, rear (upper) (aluminum, red-anodized) (10x206mm, center to center) (2) (assembled with hollow balls)
8542X	Suspension link, rear (upper) (heavy duty, steel) (7x206mm, center to center) (2) (assembled with hollow balls)
8542	Suspension link, rear (upper) (steel) (4x206mm, center to center) (2) (assembled with hollow balls)
8546	Suspension pin retainers (upper (2), lower (1))
8545	Suspension pin set (front) (3x51mm (2), 3x54mm (2), 3x93mm (2))
8547	Toe links, front (2) (assembled with hollow balls)
8547X	Toe links, front, Unlimited Desert Racer® (TUBES blue-anodized, 7075-T6 aluminum, stronger than titanium) (102mm) (2) (assembled with rod ends and hollow balls)/ aluminum wrench, 7mm (1)
8547A	Toe links, front, Unlimited Desert Racer® (TUBES dark titanium anodized, 7075-T6 aluminum, stronger than titanium) (102mm) (2) (assembled with rod ends and hollow balls)/ aluminum wrench, 7mm (1)
8547R	Toe links, front, Unlimited Desert Racer® (TUBES red-anodized, 7075-T6 aluminum, stronger than titanium) (102mm) (2) (assembled with rod ends and hollow balls)/ aluminum wrench, 7mm (1)
8544	Trailing arm (2) (assembled with hollow balls)
8544X	Trailing arm, aluminum (blue-anodized) (2) (assembled with hollow balls)
8544A	Trailing arm, aluminum (dark titanium anodized) (2) (assembled with hollow balls)
8544R	Trailing arm, aluminum (red-anodized) (2) (assembled with hollow balls)

Team Traxxas Items

2514	Decal sheet, racing sponsors
9950	Official Team Traxxas® racing decal set(flag logo/ 6-color)
9909	Traxxas® racing banner, red & black (3x7 feet)

Tires & Wheels

8472	Tires & wheels, assembled, glued (Desert Racer wheels, black with orange beadlock, BFGoodrich® Baja KR3 tires) (2)
8475	Tires & wheels, assembled, glued (Desert Racer wheels, paddle tires, foam inserts) (2)
8474X	Tires & wheels, assembled, glued (Method Race Wheels® 101 Beadlock wheels, black with blue beadlock, BFGoodrich® Baja KR3 tires) (2)
8474-GRN	Tires & wheels, assembled, glued (Method Race Wheels® 101 Beadlock wheels, black with green beadlock, BFGoodrich® Baja KR3 tires) (2)
8474-ORNG	Tires & wheels, assembled, glued (Method Race Wheels® 101 Beadlock wheels, black with orange beadlock, BFGoodrich® Baja KR3 tires) (2)
8474	Tires & wheels, assembled, glued (Method Race Wheels® 101 Beadlock wheels, black with red beadlock, BFGoodrich® Baja KR3 tires) (2)
8470	Tires, BFGoodrich® Baja KR3/ foam inserts (2)
8473	Wheels, Desert Racer (2)
8471	Wheels, Method Race Wheels® 101 Beadlock (2)

Transmission Components

8591	Gearbox housing (includes upper housing, lower housing, & gear cover)
8592	Housing, planetary gears (front & rear halves)
8589	Output shaft, transmission/ x-ring
8588	Planetary gears (4)
8585	Ring gear, planetary
8593	X-ring seals, 6x9.6mm (4)

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
8720	Speed bit handle, large (overmolded)
8721	Speed bit handle, medium (one piece)
8722	Speed bit handle, premium (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), and nut drivers (4.0mm, 4.5mm, 5.0mm, 5.5mm, 7.0mm, 8.0mm), 1/4" drive
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
8714	Speed Bit Set, screwdriver, 3-piece straight (3mm slotted, #1 Phillips, and #2 Phillips bits), 1/4" drive
2748R	Tool set (includes 1.5mm hex wrench / 2.0mm hex wrench / 2.5mm hex wrench/ 4-way wrench/ 8mm & 4mm wrench/ U-joint wrench)
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, 3mm, and 4mm slotted screwdrivers/ #00 Phillips, #0 Phillips, and #1 Phillips screwdrivers/ 4mm and 8mm wrenches/ driver handle)

Turnbuckles & Threaded Rods

5339	Insert, threaded steel (Replacement Inserts For Tubes, Part 5338R) (Includes(1) Left And (1) Right Threaded insert)
8547	Toe links, front (2) (assembled with hollow balls)
8547X	Toe links, front, Unlimited Desert Racer® (TUBES blue-anodized, 7075-T6 aluminum, stronger than titanium) (102mm) (2) (assembled with rod ends and hollow balls)/ aluminum wrench, 7mm (1)
8547A	Toe links, front, Unlimited Desert Racer® (TUBES dark titanium anodized, 7075-T6 aluminum, stronger than titanium) (102mm) (2) (assembled with rod ends and hollow balls)/ aluminum wrench, 7mm (1)
8547R	Toe links, front, Unlimited Desert Racer® (TUBES red-anodized, 7075-T6 aluminum, stronger than titanium) (102mm) (2) (assembled with rod ends and hollow balls)/ aluminum wrench, 7mm (1)

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

1-888-TRAXXAS

(1-888-872-9927) (U.S. residents only)

For orders, calls outside the U.S., and other information, call 972-549-3000, or fax to 972-549-3011 e-mail Traxxas at support@Traxxas.com

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