



Unlimited Desert Racer (Model 85076-4) 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

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
- 8514 Body, Desert Racer, Rigid Edition (painted)/ decals
- 8518 Driver helmet, grey (2)
- 8512 Interior, clear (unpainted)**

Brake Components

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

Bumpers & Skidplates

- 8535 Bumper, front/ bumper support
- 8536 Bumper, rear/ bumper extension
- 8537 Skidplate, front (plastic)/ support plate (steel)

Chassis & Attachments

- 8426 Batteries, black (2)
- 8525 Battery connector retainer/ wall support/ front & rear clips
- 8524 Battery door/ battery strap/ retainers (2)/ latch
- 8536 Bumper, rear/ bumper extension
- 8522 Chassis
- 8420 Chassis tray/ driveshaft clamps/ fuel filler (black)
- 8518 Driver helmet, grey (2)
- 8422 Fire extinguisher, red (2)
- 8425 Floor jack & handle, grey
- 8512 Interior, clear (unpainted)**
- 8560 Motor mount/ pin (2)
- 8520 Nerf bars (left or right) (2)
- 8519 Number plates, left & right
- 8424 Oil bottles, grey (2)
- 8421 Radiator, black
- 8526 Servo mount, steering
- 8423 Shock reservoirs, black (2)
- 8521 Skidplate, chassis
- 8544 Trailing arm (2) (assembled with hollow balls)
- 8431 Tube chassis, center section, front
- 8432 Tube chassis, center section, rear
- 8433 Tube chassis, center support/ cage top/ rear cage support
- 8434 Tube chassis, inner panels (front (2)/ middle (4)/ rear (2))
- 8430 Tube chassis, side section (left & right)

Differential Components

- 8581 Carrier, differential (front or center)/ x-ring gaskets (2)/ ring gear gasket/ 14.5x20 TW (2)
- 8581X Carrier, differential, aluminum (front or center)/ x-ring gaskets (2), ring gear gasket/ 14.5x20 TW (2)**
- 8541 Carrier, differential, rear axle (left & right halves)
- 8583 Gear set, center differential (output gears (2)/ spider gears (4))
- 8582 Gear set, differential (front) (output gears (2)/ spider gears (4))
- 8580 Housing, differential (front)
- 8592 Housing, planetary gears (front & rear halves)
- 8588 Planetary gears (4)
- 8578 Ring gear, differential/ pinion gear, differential (front)
- 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 (use only with #8550 driveshaft)
- 8555 Driveshaft, center rear, 6061-T6 aluminum (black-anodized) (fully assembled)/ 3mm screw pin (2)
- 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)
- 8553 Stub axle, steel (use with #8550 driveshaft)
- 8569 Wheel hubs, hex (disc brake rotors) (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)
- 8596 Linkage, sway bar, front (2) (assembled with hollow balls)/ sway bar arm (left & right)
- 8534 Mounts, suspension arm, upper (front) (left & right)
- 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)
- 8532 Suspension arm, lower right/ arm insert (assembled with hollow ball)
- 8531 Suspension arms, upper (left & right) (assembled with hollow balls)
- 8546 Suspension pin retainers (upper (2), lower (1))
- 8545 Suspension pin set (front) (3x51mm (2), 3x54mm (2), 3x93mm (2))
- 8598 Sway bars (front & rear)
- 8547 Toe links, front (2) (assembled with hollow balls)

Hardware

- 2586 Head screws, 3x15mm cap-head machine (hex drive) (6) (TRX 2.5)
- 5147X Nuts, 5mm flanged nylon locking (steel, serrated) (8)
- 4955 Pins, axle (2.5x12mm) (4)
- 5189 Screw pins, 4x13mm (with threadlock) (4)
- 3229 Screws, 2.5x10mm cap-head machine (hex drive) (6)
- 3236 Screws, 2.5x12mm cap-head machine (6)
- 3215 Screws, 2.5x6mm cap-head machine (hex drive) (6)
- 3965 Screws, 2.5x8mm cap-head machine (6)
- 2524 Screws, 2.5x8mm countersunk machine (hex drive) (6)
- 7944 Screws, 2.6x5mm button-head, self-tapping (hex drive) (8)
- 2577 Screws, 3x10mm button-head machine (hex drive) (6)
- 2587 Screws, 3x10mm cap-head machine (6) (no washer)
- 2578 Screws, 3x12mm button-head machine (hex drive) (6)
- 2579 Screws, 3x15mm button-head machine (hex drive) (6)
- 2553 Screws, 3x15mm countersunk machine (6) (hex drive)
- 2583 Screws, 3x18mm 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)
- 8343 Steering bellcranks/ hardware
- 2746 Washers, 3x6mm metal (12)

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)**
- 2072 Gear set (for 2070, 2075 servos)
- 8560 Motor mount/ pin (2)
- 3481 Motor, 2200Kv 75mm, brushless (with 6.5mm gold-plated connectors & high-efficiency heatsink)
- 2074 Servo case/gaskets (for 2056 and 2075 waterproof servos)
- 8526 Servo mount, steering
- 2075X Servo, digital high-torque, metal gear (ball bearing), waterproof
- 3485 Velineon VXL-6s Electronic Speed Control, waterproof (brushless) (fwd/rev/brake)

Radio System, Batteries & Chargers

- 2849X 4000mAh 11.1v 3-Cell 25C LiPo Battery**
- 2872X 5000mAh 11.1v 3-Cell 25C LiPo Battery**

2888X	5000mAh 14.8v 4-Cell 25C LiPo Battery
2889X	5000mAh 14.8v 4-Cell 25C LiPo Battery
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
2976	AC to DC converter, 40W
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)
6546	Battery door, TQi transmitter (replacement for #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))
2972	Charger, EZ-Peak Dual, 100W, 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
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 Wireless Module
2978	Fuse, charger, 5A (2) (for #2974, 2975, 2977)
2072X	Gear set, metal (for 2070, 2075 servos)
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)
2075X	Servo, digital high-torque, metal gear (ball bearing), waterproof
6550	Telemetry expander, TQi radio system
6551	Telemetry GPS module, TQi radio system
6538	Telemetry trigger magnet holders, spur gear/ magnet, 5x2mm (1)/ 3x8mm CCS (3)/ 3x10mm CCS (3)
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

85076-4	Unlimited Desert Racer: 4WD Electric Race Truck with TQi Traxxas Link Enabled 2.4GHz Radio System
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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)
8590	Spool/ spacers (left & right)/ 2.5x8 CS (4)
8542	Suspension link, rear (upper) (steel) (4x206mm, center to center) (2) (assembled with hollow balls)
8598	Sway bars (front & rear)
8544	Trailing arm (2) (assembled with hollow balls)

Shocks (GTR)

8453X	Body, GTR shock, 64mm, aluminum (blue-anodized) (front, no threads)
8452X	Body, GTR shock, 64mm, aluminum (blue-anodized) (front, threaded)
8453R	Body, GTR shock, 64mm, aluminum (red-anodized) (front, no threads)
8452R	Body, GTR shock, 64mm, aluminum (red-anodized) (front, threaded)
8453	Body, GTR shock, 64mm, silver aluminum (front, no threads)
8452	Body, GTR shock, 64mm, silver aluminum (front, threaded)
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))
8455	Rebuild kit, GTR shocks (x-rings, bladders, pistons, piston nuts, shock rod ends) (renews 2 shocks)

8454	Shock shaft, 69mm (GTR) (front) (2)
8463	Shock shaft, 74mm (GTR) (rear) (2)
8464	Shock shaft, 81mm (GTR) (rear) (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)
8460R	Shocks, GTR, 139mm, aluminum (red-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)
8444A	Spring, shock, front (blue) (GTR)
8444	Spring, shock, front (natural finish) (GTR)
8445A	Spring, shock, rear (blue) (GTR)
8445	Spring, shock, rear (natural finish) (GTR)

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

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)

Suspension Linkage

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)
8544	Trailing arm (2) (assembled with hollow balls)

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

8472	Tires and wheels, assembled, glued (Desert Racer wheels, black with orange beadlock, BFGoodrich® Baja KR3 tires) (2)
8475	Tires and wheels, assembled, glued (Desert Racer wheels, paddle tires, foam inserts) (2)
8474	Tires and wheels, assembled, glued (Method Racing 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 Racing (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)

Turnbuckles & Threaded Rods

8547	Toe links, front (2) (assembled with hollow balls)
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