



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)
- 8568 Wheel hubs, hex, steel (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))
- 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)
- 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 (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)
- 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)
- 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) (6)
- 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

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

1-888-TRAXXAS

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

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