



# TRX-4 Assembly Kit (Model 82016-4) Parts List

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

## Axle Components

- 8241 Axle housing, front
- 8242 Axle housing, rear
- 8227 Axle mount set (complete) (front & rear) (for suspension links)
- 8228 Axle shaft, front (left)/ drive pin/ cross pin
- 8229 Axle shaft, front (right)/ drive pin/ cross pin
- 8230 Axle shaft, rear (left)
- 8231 Axle shaft, rear (right)
- 8233 Cross pin (2)/ drive pin (2) (to rebuild front axle shafts)
- 8256 Portal drive axle mount, rear (left & right)
- 8252 Portal drive housing, inner, front (left & right)/ 2.5x4 BCS (6)
- 8253 Portal drive housing, inner, rear (left or right) (2)
- 8251 Portal drive housing, outer (front or rear) (2)
- 8257 Portal drive input gear, front/ drive pin/ cross pin
- 8259 Portal drive input gear, rear
- 8258 Portal drive output gear, front or rear
- 8255 Stub axle (portal drive) (2)

## Bearings & Bushings

- 5119A Ball bearings, black rubber sealed (10x15x4mm) (2)
- 5120A Ball bearings, black rubber sealed (12x18x4mm) (2)
- 5102A Ball bearings, black rubber sealed (15x21x4mm) (2)
- 5104A Ball bearings, black rubber sealed (4x10x4mm) (2)
- 5115A Ball bearings, black rubber sealed (5x10x4mm) (2)
- 5116A Ball bearings, black rubber sealed (5x11x4mm) (2)
- 5114A Ball bearings, black rubber sealed (5x8x2.5mm) (2)
- 5117A Ball bearings, black rubber sealed (6x12x4mm) (2)
- 5180A Ball bearings, black rubber sealed (6x13x5mm) (2)
- 5103A Ball bearings, black rubber sealed (7x14x5mm) (2)

## Body & Accessories

- 8031 3-in-1 wire harness, LED light kit, TRX-4**
- 1926 Antenna caps, vinyl (2)/ antenna spool**
- 1726 Antenna, tube (1)/ vinyl antenna cap (1)/ wire retainer (1)
- 1834 Body clips (12) (standard size)**
- 1834A Body clips, black (12) (standard size)**
- 3934 Body clips, heavy duty (12)**
- 8215 Body mounts & posts, front & rear (complete set)
- 4915 Body washers, foam adhesive (10)**
- 8010 Body, Ford Bronco (clear, requires painting)/ decals**
- 8010X Body, Ford Bronco, complete (black) (includes front and rear bumpers, push bar, rear body mount, grill, side mirrors, door handles, windshield wipers, spare tire mount, red and sunset decals) (requires #8072 inner fenders)**
- 8011 Body, Land Rover Defender (clear, trimmed, requires painting)/ window masks/ decal sheet
- 8011X Body, Land Rover Defender, graphite silver (painted)/ decals**
- 8011R Body, Land Rover Defender, red (painted)/ decals**
- 8211 Body, Tactical Unit (clear, requires painting)/ decals**
- 8211X Body, Tactical Unit, night camo (painted)/ decals**
- 2514 Decal sheet, racing sponsors**
- 8012 Decals, Land Rover Defender**
- 8016 ExoCage (complete with assembly hardware; #8015 roof basket sold separately) (fits #8011 body)**
- 8019 Fender brace, inner, front & rear**
- 8017 Fender flares, front & rear (2 each)**
- 8018 Fenders, inner, front & rear (2 each)/ rock light covers (8)**
- 8072 Fenders, inner, front & rear (2 each)/ rock light covers (8)/ battery plate/ 3x8 flathead screws (4)**
- 8022T Fuel canisters (black) (2)/ 3x8 FCS (1)**
- 8022R Fuel canisters (blue) (2)/ 3x8 FCS (1)**
- 8022 Fuel canisters (red) (2)/ 3x8 FCS (1)**
- 8022X Fuel canisters (white) (2)/ 3x8 FCS (1)**
- 8022A Fuel canisters (yellow) (2)/ 3x8 FCS (1)**
- 8013 Grill, Land Rover Defender/ grill mount (3)/ headlight housing (2)/ lens (2)/ headlight mount (2) (fits #8011 body)**
- 8023T Jack (black) (1)/ 2x8 BCS (1)**
- 8023 Jack (red) (1)/ 2x8 BCS (1)**
- 8028 LED lights, power supply (regulated, 3V, 0.5-amp), TRX-4/ 3-in-1 wire harness**
- 8026 LED rock light kit, TRX-4 (requires #8028 power supply)**
- 8020 Mirrors, side (left & right)/ snorkel/ mounting hardware**
- 9950 Official Team Traxxas racing decal set (flag logo/ 6-color)**
- 8015 Roof basket (requires #8016 ExoCage) (fits #8011 body)**
- 8021 Spare tire mount/ mounting bracket/ screw pins (2)**
- 8014 Tail light housing (2)/ lens (2)/ decals (left & right)**

## Bumpers & Skidplates

- 8234 Bumper D-Rings, grey (front or rear)/ 2.0x12 CS (4)
- 8234R Bumper D-rings, red (front or rear)/ 2.0x12 CS (4)**
- 8237 Bumper mounts, front & rear/ screw pins (4)
- 8235 Bumper, front/ winch
- 8236 Bumper, rear
- 8238 Skidplate/ lower gear cover

## Chassis & Attachments

- 8215 Body mounts & posts, front & rear (complete set)
- 8226 Box, battery
- 8224 Box, receiver (sealed)/ wire cover/ foam pads/ silicone grease/ 3x8 BCS (5)/ 2.5x8 CS (2)
- 8220 Chassis rails, 448mm (steel) (left & right)
- 8218 Floor pans, left & right
- 8219 Rock sliders, left & right
- 8225 Seal kit, receiver box (includes o-ring, seals, and silicone grease)**
- 8240 Servo mount, 2-speed/ servo mount, T-Lock/ wire clips
- 8239 Servo mount, steering/ chassis crossmember
- 8216 Shock towers, front & rear (left & right)

## Differential Components

- 8281 Carrier, differential/ differential slider/ T-Lock fork
- 8280X Differential cover, front or rear (chrome-plated)**
- 8280 Differential cover, front or rear (grey)
- 8280R Differential cover, front or rear (red)**
- 8282 Gear set, differential (output gears (2), spider gears (4), spider gear shaft (2))
- 5130 Oil, differential (100K weight) (.7 oz (20cc))
- 5135 Oil, differential (10K weight)
- 5136 Oil, differential (30K weight)
- 5137 Oil, differential (50K weight)
- 8295 Output drive, transmission or differential (pin retainer (1)/ drive cup (1)/ drive ball (1)/ drive pin (1)/ 3x11 screw pin (1)/ cross pin (black) (1) 3x6 BCS with threadlock (1))
- 8279 Ring gear, differential/ pinion gear, differential
- 8279R Ring gear, differential/ pinion gear, differential (machined)**
- 8287 Ring gear, differential/ pinion gear, differential (overdrive, machined)**
- 8288 Ring gear, differential/ pinion gear, differential (underdrive, machined)**
- 8297 Spool/ differential housing plug/ e-clip**

## Driveline Components

- 8250 Half shafts, center (internal splined, front (2) & internal splined, rear (2)/ external splined (2)/ pin retainer (4)) (plastic parts only)
- 8269 Wheel hubs, 12mm hex (2)/ stub axle pins (2) (steel) (fits TRX-4)

## Hardware

- 1552 Backplate screws (3x8mm cap-head machine) (6)/washers (6)/ wrench
- 1834 Body clips (12) (standard size)
- 1834A Body clips, black (12) (standard size)**
- 3934 Body clips, heavy duty (12)**
- 5476X Hex wrenches; 1.5mm, 2mm, 2.5mm, 3mm, 2.5mm ball**
- 1985 Nuts, 4mm flanged nylon locking (steel, serrated) (8)
- 1747R Nuts, aluminum, flanged, serrated (4mm) (blue-anodized) (4)**
- 1747G Nuts, aluminum, flanged, serrated (4mm) (green-anodized) (4)**
- 1747P Nuts, aluminum, flanged, serrated (4mm) (pink-anodized) (4)**
- 1985 PTFE-coated washers, 5x8x0.5mm (20) (use with ball bearings)
- 3229 Screws, 2.5x10mm cap-head machine (hex drive) (6)
- 2523 Screws, 2.5x10mm countersunk machine (hex drive) (6)
- 3236 Screws, 2.5x12mm cap-head machine (6)
- 2618 Screws, 2.5x16mm cap-head machine (6)
- 3215 Screws, 2.5x6mm cap-head machine (hex drive) (6)
- 2617 Screws, 2.5x8mm button-head machine (hex drive) (6)
- 3965 Screws, 2.5x8mm cap-head machine (6)
- 2524 Screws, 2.5x8mm countersunk machine (hex drive) (6)
- 2564 Screws, 2x8mm cap-head machine (hex drive) (6)
- 2577 Screws, 3x10mm button-head machine (hex drive) (6)
- 4859 Screws, 3x10mm flat-head machine (hex drive) (4)
- 2578 Screws, 3x12mm button-head machine (hex drive) (6)
- 2579 Screws, 3x15mm button-head machine (hex drive) (6)
- 2591 Screws, 3x23mm button-head machine (hex drive) (6)
- 2581 Screws, 3x25mm button-head machine (hex drive) (6)
- 2616 Screws, 3x27mm button-head machine (hex drive) (6)
- 2582 Screws, 3x30mm button-head machine (hex drive) (6)

- 2575 Screws, 3x6mm button-head machine (hex drive) (6)
- 3932 Screws, 3x6mm flat-head machine (hex drive) (6)
- 2576 Screws, 3x8mm button-head machine (hex drive) (6)
- 3931 Screws, 3x8mm flat-head machine (hex drive) (6)
- 3933 Screws, 4x16mm button-head machine (hex drive) (6)

### Motors & Electronics

- 1926 Antenna caps, vinyl (2)/ antenna spool
- 1726 Antenna, tube (1)/ vinyl antenna cap (1)/ wire retainer (1)
- 2072X Gear set, metal (for 2070, 2075 servos)
- 3975R Motor, Titan 550, reverse rotation (21-turns/ 14 volts) (1)
- 8290 Plate, motor/ upper spur gear cover
- 5669 Servo horn (with built-in spring and hardware) (for Summit locking differential)
- 2075X Servo, digital high-torque, metal gear (ball bearing), waterproof
- 2065 Servo, sub-micro, waterproof
- 3025 XL-5HV 3s Electronic Speed Control, waterproof (low-voltage detection, 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
- 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)
- 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)
- 2923X Battery, Power Cell, 3000mAh (NiMH, 7-C flat, 8.4V)
- 2940X Battery, Series 3 Power Cell, 3300mAh (NiMH, 7-C flat, 8.4V)
- 2950X Battery, Series 4 Power Cell, 4200mAh (NiMH, 7-C flat, 8.4V)
- 2960X Battery, Series 5 Power Cell, 5000mAh (NiMH, 7-C flat, 8.4V)
- 2991 Battery/charger completer pack (includes #2972 Dual iD charger (1), #2869X 7600mAh 7.4V 2-cell 25C LiPo battery (2))
- 2975 Charger, DC, 4 amp (6 - 7 cell, 7.2 - 8.4 volt, NiMH)
- 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
- 6512 Cover plate, Traxxas Link Wireless Module
- 2978 Fuse, charger, 5A (2) (for #2974, 2975, 2977)
- 2072X Gear set, metal (for 2070, 2075 servos)
- 6561 Mount, telemetry expander (fits TRX-4)
- 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
- 2065 Servo, sub-micro, waterproof
- 6550 Telemetry expander, TQi radio system
- 6551 Telemetry GPS module, TQi radio system
- 6530 Transmitter, TQi Traxxas Link enabled, 2.4GHz high output, 4-channel (transmitter only)
- 6511 Traxxas Link Wireless Module

### Shocks (GTS)

- 8266 Body, GTS shock (aluminum, silver-anodized) (1)
- 8266X Body, GTS shock (hard-anodized, PTFE-coated aluminum) (1)
- 8266A Body, GTS shock, aluminum (blue-anodized) (1)
- 8266G Body, GTS shock, aluminum (green-anodized) (1)
- 8266R Body, GTS shock, aluminum (red-anodized) (1)
- 8264 Caps & spring retainers, GTS shocks (upper cap (2)/ hollow balls (4)/ bottom cap (2)/ upper retainer (2)/ lower retainer (2))
- 8274 Hollow ball set, complete, TRX-4 (aluminum, PTFE-coated)
- 5475 Multi-tool (plastic)
- 8262 Rebuild kit, GTS shocks (x-rings, o-rings, pistons, bushings, e-clips, and rod ends)
- 8263 Shock shaft, 3x47mm (GTS) (2)
- 8263T Shock shaft, 3x47mm (GTS) (titanium nitride-coated) (2)
- 8260X Shocks, GTS hard-anodized, PTFE-coated aluminum bodies with TiN shafts (assembled with spring retainers) (2)
- 8260A Shocks, GTS, aluminum (blue-anodized) (assembled with spring retainers) (2)

- 8260G Shocks, GTS, aluminum (green-anodized) (assembled with spring retainers) (2)
- 8260R Shocks, GTS, aluminum (red-anodized) (assembled with spring retainers) (2)
- 8260 Shocks, GTS, silver aluminum (assembled with spring retainers) (2)
- 1666 Silicone shock oil (30 wt)

### Slipper Clutch Components

- 8292 Input shaft/ output shaft (transmission)
- 8286 Output shafts (transfer case), front & rear
- 8254 Rebuild kit, slipper clutch (steel disc (2)/ friction insert (2)/ 4.0mm NL (1)/ spring washers (4), metal washer (1))
- 8249 Slipper eliminator plate

### Springs

- 8042 Springs, shock (natural finish) (GTS) (0.22 rate, yellow stripe) (2)
- 8043 Springs, shock (natural finish) (GTS) (0.30 rate, white stripe) (2)
- 8044 Springs, shock (natural finish) (GTS) (0.39 rate, orange stripe) (2)
- 8041 Springs, shock (natural finish) (GTS) (0.45 rate) (2)
- 8040 Springs, shock (natural finish) (GTS) (0.54 rate, green stripe) (2)
- 8045 Springs, shock (natural finish) (GTS) (0.61 rate, blue stripe) (2)

### Spur Gears & Pinion Gears

- 6747 Gear, 11-T pinion (32-p) (steel)/ set screw
- 3942X Gear, 12-T pinion (32-p), heavy duty (machined, hardened steel)/ set screw
- 3943X Gear, 13-T pinion (32-p), heavy duty (machined, hardened steel)/ set screw
- 3944X Gear, 14-T pinion (32-p), heavy duty (machined, hardened steel)/ set screw
- 3945X Gear, 15-T pinion (32-p), heavy duty (machined, hardened steel)/ set screw
- 3946X Gear, 16-T pinion (32-p), heavy duty (machined, hardened steel)/ set screw
- 3947X Gear, 17-T pinion (32-p), heavy duty (machined, hardened steel)/ set screw
- 3948X Gear, 18-T pinion (32-p), heavy duty (machined, hardened steel)/ set screw
- 3949X Gear, 19-T pinion (32-p), heavy duty (machined, hardened steel)/ set screw
- 3950X Gear, 20-T pinion (32-p), heavy duty (machined, hardened steel)/ set screw
- 3951X Gear, 21-T pinion (32-p), heavy duty (machined, hardened steel)/ set screw
- 3952X Gear, 22-T pinion (32-p), heavy duty (machined, hardened steel)/ set screw
- 6745 Gear, 9-T pinion (32-p) (steel)/ set screw
- 8279 Ring gear, differential/ pinion gear, differential
- 8052 Spur gear, 39-tooth (TRX-4)
- 8053 Spur gear, 45-tooth (TRX-4)

### Steering Components

- 8232 Caster blocks (portal drive), left & right/ kingpin bushings (4)
- 8274 Hollow ball set, complete, TRX-4 (aluminum, PTFE-coated)
- 5355 Hollow ball, tall centered (2)/ tall offset hollow ball (2)/ bump steer adjustment shims; 3.5mm (2), 1.17mm (2)
- 8275 Rod end set, complete (standard (10), angled 10-degrees (8), offset (4))
- 8276 Rod ends (10)
- 8277 Rod ends, angled 10-degrees (8)
- 2742 Rod ends, long (6)/ hollow ball connectors (6)
- 8278 Rod ends, offset (4)
- 8247 Servo horn, steering
- 2075X Servo, digital high-torque, metal gear (ball bearing), waterproof
- 5529 Shim set, 3x7x1mm (2), 3x6x0.5mm (4), 3x7x2mm (2)/ hollow balls, captured (4)
- 8246 Steering link, 5x60mm (1)/ draglink, 5x117mm (1) (steel)
- 8243 Suspension link, front, 5x100mm (lower) (steel) (2)
- 8244 Suspension link, front, 5x63mm (upper) (steel) (2)
- 8248 Suspension link, rear, 5x109mm (upper or lower) (steel) (2)

### Suspension Linkage

- 8274 Hollow ball set, complete, TRX-4 (aluminum, PTFE-coated)
- 5355 Hollow ball, tall centered (2)/ tall offset hollow ball (2)/ bump steer adjustment shims; 3.5mm (2), 1.17mm (2)
- 8275 Rod end set, complete (standard (10), angled 10-degrees (8), offset (4))
- 8276 Rod ends (10)
- 8277 Rod ends, angled 10-degrees (8)
- 2742 Rod ends, long (6)/ hollow ball connectors (6)
- 8278 Rod ends, offset (4)
- 5529 Shim set, 3x7x1mm (2), 3x6x0.5mm (4), 3x7x2mm (2)/ hollow balls, captured (4)
- 8243 Suspension link, front, 5x100mm (lower) (steel) (2)

- 8244 Suspension link, front, 5x63mm (upper) (steel) (2)
- 8248 Suspension link, rear, 5x109mm (upper or lower) (steel) (2)

**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**

- 8273 Tires and wheels, assembled, glued (Tactical wheels, Canyon Trail 1.9 tires) (2)
- 8272 Tires and wheels, assembled, glued (TRX-4 wheels, Canyon Trail 1.9 tires) (2)
- 8270 Tires, Canyon Trail 1.9 (S1 compound)/ foam inserts (2)
- 8269 Wheel hubs, 12mm hex (2)/ stub axle pins (2) (steel) (fits TRX-4)
- 8268 Wheels, Tactical 1.9 (2)
- 8271 Wheels, TRX-4 1.9 (2)

**Transmission Components**

- 8283 Cable, T-lock (front)
- 8284 Cable, T-lock (rear)
- 8289 Drive hub, 2-speed/ shift dog/ shift fork/ 2-speed linkage
- 8293 Gear set, transmission (includes 18T, 30T input gears, 36T output gear, 2x10.3 pins (5))
- 8293X Gear set, transmission, metal (includes 18T, 30T input gears, 36T output gear, 2x10.3 pins (5))
- 8291 Gearbox housing (includes main housing, front housing, & cover)
- 8285 Gears, transfer case (3)
- 8292 Input shaft/ output shaft (transmission)
- 8295 Output drive, transmission or differential (pin retainer (1)/ drive cup (1)/ drive ball (1)/ drive pin (1)/ 3x11 screw pin (1)/ cross pin (black) (1) 3x6 BCS with threadlock (1))
- 8294 Output gear, high range, 24T (metal)
- 8286 Output shafts (transfer case), front & rear
- 8290 Plate, motor/ upper spur gear cover
- 1647 Silicone grease
- 8249 Slipper eliminator plate
- 8296 Transmission gears, single speed, metal

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

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