



# TRX 2.5R Racing Engine Parts List

REV 051123

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

### Air Filters

5264	Air filter housing/ foam insert/ Revo air filter base (angled)/ cable tie (1-each) (TRX 2.5, 2.5R).....	12.00
5260	Air filter housing/ foam insert/ straight base/ angled base/ cable tie (1-each) (TRX 2.5, 2.5R).....	12.00
5261	Air filter inserts, foam (3) (pre-oiled) (TRX 2.5, 2.5R).....	6.25
5263	Oil, air filter.....	4.99

### Bearings and Bushings

4609	<b>Ball bearings (5x10x4mm) (2)</b> .....	8.00
2728	<b>Ball bearings (5x8x2.5mm) (2)</b> .....	8.00
5223	Ball bearings (7x17x5mm) (1)/ 12x21x5mm (1) (TRX 2.5, 2.5R engine bearings).....	30.00

### Carburetor Parts

5234	Carburetor body/ fuel inlet plug/ 5x.9mm O-ring (1-each) (TRX 2.5, 2.5R) ..	16.00
5252	Carburetor, complete (no air filter assy.) (TRX 2.5, 2.5R composite slide).....	49.00
5242	Dust boot, throttle (2)/ return spring (TRX 2.5, 2.5R) .....	3.25
5240	End cap, carburetor body/ 6.2x1.2mm O-ring/ (1-each) (TRX 2.5, 2.5R) .....	2.50
3296	Fittings, inlet (nipple) for fuel or water cooling (2) .....	2.75
3147	Fuel line (1 foot) .....	1.75
3147X	Fuel line (610mm or 2ft).....	3.50
5250	Needle assembly, high-speed (with fuel fitting)/ 2.5x1.15mm O-ring (2)/ 5.3x7.8x.6mm crush washer (2) (TRX 2.5, 2.5R) .....	11.00
5251	Needle, low-speed/ 2x1mm O-ring (2) (TRX 2.5, 2.5R) .....	3.50
5247	O-ring and seal set, carburetor/ O-rings: 2x1mm (3), 10x1mm (4), 2.5x1.15mm (2), 6.2x1.2mm (1)/ 5x.9mm O-ring installation tool/ 5.3x7.8x.6mm crush washer (2)/ carburetor dust boot (1) (TRX2.5, 2.5R) ..	4.00
5241	Screw, idle speed/ 2x1mm O-ring (1-each) (TRX 2.5, 2.5R).....	4.00
5233	Slide, carburetor (slide only for TRX 2.5, 2.5R) .....	8.00
4045	<b>Spring, throttle return (2)</b> .....	1.50
4046	<b>Spring, throttle return (2)</b> .....	2.50
5243	Throttle arm, carburetor/ 3mm set screw (1-each) (TRX 2.5, 2.5R) .....	6.00

### Clutch and Related Parts (TRX)

4144	Adapter nut, clutch (not for use with IPS cranks).....	5.25
4844	Adapter nut, clutch/ 3x10mm cap screw/washer/ split washer .....	5.25
4609	<b>Ball bearings (5x10x4mm) (2)</b> .....	8.00
4611	<b>Ball bearings (5x11x4mm) (2)</b> .....	6.00
2728	<b>Ball bearings (5x8x2.5mm) (2)</b> .....	8.00
5214	Clutch bell (14-tooth)/5x8x0.5mm fiber washer (2)/ 5mm e-clip (req. 5x10x4mm ball bearings part #4609) (1.0 metric pitch) (Revo) .....	12.00
5215	Clutch bell (15-tooth)/5x8x0.5mm fiber washer (2)/ 5mm e-clip (req. 5x11x4mm ball bearings part #4611) (1.0 metric pitch) (Revo) .....	12.00
5216	Clutch bell (16-tooth)/5x8x0.5mm fiber washer (2)/ 5mm e-clip (req. 5x11x4mm ball bearings part #4611) (1.0 metric pitch) (Revo) .....	12.00
4116	Clutch bell, (16-tooth)/5x8x0.5mm fiber washer (2)/ 5mm E-clip (req. #2728 - ball bearings, 5x8x2.5mm (2)).....	12.00
4118	Clutch bell, (18-tooth)/ 5x8x0.5mm fiber washer (2)/ 5mm E-clip (req. #4609 - ball bearings, 5x10x4mm (2)).....	12.00
4120	Clutch bell, (20-tooth)/ 5x8x0.5mm fiber washer (2)/ 5mm E-clip (req. #4611-ball bearings, 5x11x4mm (2)) .....	12.00
4122	Clutch bell, (22-tooth)/ 5x8x0.5mm fiber washer (2)/ 5mm E-clip (req. #4611-ball bearings, 5x11x4mm (2)).....	12.00
4146	Clutch shoes (2)/ spring (N. Rustler/Sport/Stampede) .....	7.25
4146X	Clutch shoes (2)/ spring (T-Maxx/Revo).....	7.75
3281	Cone, split beveled.....	3.00
4142	Flywheel (N. Rustler/Sport/Stampede/T-Maxx/Revo) .....	7.50
4142X	<b>Flywheel, 40mm machined aluminum (knurled for use with starter boxes) (TRX 2.5, 2.5R) (silver-anodized).....</b>	10.00
5244	Flywheel nut (TRX 2.5 and 2.5R).....	4.25
1985	Teflon® washers, 5x8x0.5mm (20) (use with ball bearings) .....	2.00

### Engine Components

5274R	<b>Backplate/ 20x1.4mm O-ring (for engines w/o starter) (TRX 2.5, 2.5R).....</b>	10.00
5274	Backplate/ 20x1.4mm O-ring (for engines with starter) (TRX 2.5, 2.5R).....	12.00
5223	Ball bearings (7x17x5mm) (1)/ 12x21x5mm (1) (TRX 2.5, 2.5R engine bearings) .....	30.00
5239	Bolt, carburetor pinch/ 3mm locknut (TRX 2.5, 2.5R) .....	3.00
5222R	Crankcase, w/ bearings installed (TRX 2.5R/req. 5230X piston/sleeve) .....	58.50
5219	Crankshaft, IPS (for engines w/ starter) (TRX 2.5, 2.5R) .....	36.50
5219R	<b>Crankshaft, IPS (for engines w/o starter) (TRX 2.5, 2.5R).....</b>	39.00
5221	<b>Crankshaft, Multi-Shaft (for engines w/ starter) (w/ 5x15mm, 5x25mm inserts for short &amp; standard crank lengths) (TRX 2.5, 2.5R) ..</b>	40.00
5221R	<b>Crankshaft, Multi-Shaft (for engines w/o starter) (w/ 5x15mm, 5x25mm inserts for short &amp; standard crank lengths) (TRX 2.5, 2.5R) ..</b>	40.00
3296	Fittings, inlet (nipple) for fuel or water cooling (2) .....	2.75
5229	Gaskets, cooling head: 0.15, 0.25, 0.35mm (1 each) (TRX 2.5, 2.5R) .....	3.00
3231	Glowplug, heavy-duty (long-medium) .....	4.50
3232	Glowplug, super-duty (long medium) .....	4.50
5227	Head protector, cooling head (2) (TRX 2.5, 2.5R).....	3.00
2584	Head screws, 3x12mm cap-head machine (hex drive) (6) (TRX 2.5, 2.5R) ..	2.50
5236	Head, Cooling (Marine) .....	20.00

5237	<b>Head, cooling, PowerTune (machined aluminum, blue-anodized) (TRX 2.5 and 2.5R)/ head protector (plastic) .....</b>	40.00
5213	O-ring, backplate 20x1.4mm (TRX 2.5, 2.5R) .....	0.75
5256	O-ring, header 12.2x1mm (TRX 2.5, 2.5R) .....	1.20
5230X	Piston/ sleeve (set) (TRX 2.5R), wristpin clips (2) (Must be used w/ 5222R Crankcase) .....	70.00
5224	Rod, connecting (TRX 2.5, 2.5R).....	29.00
5211R	Roller clutch (TRX 2.5 & 2.5R) (also called one-way bearing) .....	22.50
2554	Screws, 3x6mm cap-head machine (hex drive) (6) .....	2.50
5277	Shaft, starter (TRX 2.5 & 2.5R) .....	9.00
5170	<b>Starter, recoil (complete with screws) (TRX 2.5 &amp; 2.5R) .....</b>	20.00
4091	Temp gauge, blue (on-board engine tuning aid, digital LCD readout, new style with max. temp. memory).....	24.99
5235	Wrist pin clips (3) (TRX 2.5, 2.5R).....	1.00
5231	Wrist pin/ wrist pin clips (2) (TRX 2.5, 2.5R) .....	3.00

### Engine Mounts

5360	Engine mount (complete assembly)/ 3x28mm CS with washers (2)/ 3x10 CS with washers (10) (Revo) .....	19.00
5360X	<b>Big block installation kit for Revo (Includes engine cradle, header, forward-only conversion, aluminum flywheel, &amp; hardware).....</b>	50.00
4860	Engine mount, screws (Nitro 4-Tec) .....	8.00
4460	Engine mount, 2 piece, aluminum (w/ screws) (N. Rustler/Sport) .....	12.00
4160	Engine mount, 2 piece, aluminum (w/ screws) (N. Stampede) .....	11.00
4960	Engine mount, aluminum (w/ screws) .....	11.00
4960X	<b>Engine mount, machined 6061 T-6 aluminum (blue) (w/ screws) (T-Maxx, SportMaxx) .....</b>	42.00
4800	TRX 2.5 upgrade kit for Nitro 4-Tec, Nitro 4-Tec Pro .....	50.00
4400	TRX 2.5 upgrade kit for Nitro Rustler, Nitro Sport (incl. SE), and Nitro Stampede.....	50.00
4900	TRX 2.5 upgrade kit for T-Maxx .....	50.00

### Exhaust/ Tuned Pipes/ Headers

4942	<b>Aluminum tuned pipe for T-Maxx / pipe hanger/ screws/ nuts (strong power across mid and upper RPM range) (blue-anodized) TRX 2.5 engines req. pipe coupler (part 4941) to connect to stock rear exhaust header (header not included) .....</b>	40.00
3153	Baffle cone, exhaust (1) (aluminum) .....	2.25
3155	Cable ties, medium (black) (6) .....	2.25
4941	Coupler, exhaust (silicone).....	1.75
3296	Fittings, inlet (nipple) for fuel or water cooling (2) .....	2.75
4085	<b>Hanger wire, universal (6-inches, cut and bend to suit) .....</b>	1.25
5140	Header, aluminum (T-Maxx) (for rear exhaust engines only) (TRX 2.5, 2.5R) .....	20.00
5287	Header, blue anodized aluminum (for rear exhaust engines only) (TRX 2.5, 2.5R) .....	20.00
5340	Header, exhaust (tubular aluminum, silver anodized) (TRX 2.5, 2.5R) (Revo) .....	20.00
5256	O-ring, header 12.2x1mm (TRX 2.5, 2.5R) .....	1.20
5245X	<b>Pipe coupler, molded (black)/ Exhaust deflector (rubber, black)/ cable ties, long (2)/ cable ties, short (2) (Revo style) .....</b>	4.00
5245	Pipe coupler, molded (blue)/ Exhaust deflector (rubber, blue)/ cable ties, long (2)/ cable ties, short (2) (Revo style) .....	4.00
5246	Pipe coupler, molded (for use with pipes 5152 (T Maxx) & 4452R) (TRX 2.5, 2.5R) .....	1.75
5142	Screws, 3x15mm cap-head machine (hex drive) (w/ split and flat washers) (6) .....	2.75
5342	Tuned pipe, aluminum, blue anodized (dual chamber w/ pressure fitting)/ 4mm GS (Revo) .....	46.00
4452R	Tuned pipe, assembled (N. Rustler, N. 4-Tec, N. Sport style) (TRX 2.5, 2.5R) (replaces 4452) .....	15.00
5152	Tuned pipe, plastic (TRX 2.5, 2.5R).....	15.00

### EZ-Start and Related Parts

4580	Box, control .....	12.50
4579X	Connector, wiring harness (EZ-Start and EZ-Start 2) .....	5.00
5280	Control box (complete) (EZ Start 2) .....	15.00
5281	Control box battery cover w/ belt clip (EZ Start 2).....	4.00
5273	Cush-drive elements (4) (EZ Start 2).....	2.50
5270	EZ Start 2, complete system with controller, drive unit, wiring harness .....	50.00
5276	Gear set (complete) (EZ Start 2) .....	9.00
5148	Grease, white lithium .....	3.00
5275	Housing set (inner, outer)/ 3x12mmBCS (5)/ 3x20BCS (1)/ motor bushing (EZ Start 2) .....	7.50
4581X	Lead wire, glow plug (blue) (EZ-Start and EZ-Start 2)/ molex pin extractor (use where glow plug wire does not have bullet connector) .....	1.75
5278	Motor/ pinion gear/ motor bushing (EZ Start 2) .....	15.00
5211R	Roller clutch (TRX 2.5 & 2.5R) (also called one-way bearing) .....	22.50
5169	Screws, 2.6x8mm countersunk machine (6) .....	2.00
5282	Screws, 3x12mm button-head machine (6) (starter attachment screws with threadlock) .....	3.00
2578	Screws, 3x12mm button-head machine (hex drive) (6).....	2.50
5277	Shaft, starter (TRX 2.5 & 2.5R) .....	9.00

## Fuel, Cleaners and Supplies

5001	Bottle, fuel filler (500cc) .....	8.00
3231	Glowplug, heavy-duty (long-medium) .....	4.50
5148	Grease, white lithium .....	3.00
5263	Oil, air filter .....	4.99
5060	Top Fuel, 10% Nitro (gallon) .....	25.99
5010	Top Fuel, 10% nitro (quart) .....	9.25
5070	Top Fuel, 20% Nitro (gallon) .....	29.99
5020	Top Fuel, 20% nitro (quart) .....	10.99

## Hardware

3980	Glow plug wrench (universal wrench) .....	2.00
2584	Head screws, 3x12mm cap-head machine (hex drive) (6) (TRX 2.5, 2.5R) ..	2.50
2556	Header screws, 3x23mm cap hex screws (6) .....	2.50
5169	Screws, 2.6x8mm countersunk machine (6) .....	2.00
3159	Screws, 3x10mm cap-head machine (hex drive) (6)/ lockwashers (6)/ hex wrench .....	2.75
5282	Screws, 3x12mm button-head machine (6) (starter attachment screws with threadlock) .....	3.00
2578	Screws, 3x12mm button-head machine (hex drive) (6) .....	2.50
5142	Screws, 3x15mm cap-head machine (hex drive) (with split and flat washers) (6) .....	2.75
3963	Screws, 3x28mm cap-head machine (hex drive) (6)/ 3x6mm ELW (6) .....	2.75
2575	Screws, 3x6mm button-head machine (hex drive) (6) .....	2.50
2554	Screws, 3x6mm cap-head machine (hex drive) (6) .....	2.50
4897	Screws, set (grub) 4mm (6) (with threadlock) .....	3.00
3966	Shoulder screws, 3x10mm (6) (with threadlock) .....	3.50
1588	Water pick-up/ backing plate/ tee-fitting .....	2.00

## Manuals

5299R	Engine Manual, TRX 2.5R .....	7.50
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## Recoil Starter

5179	Housing set, recoil starter/ 2x3mm RST (2) (TRX 2.5, 2.5R) .....	4.00
5178	Pull handle, recoil starter/ shock absorber (TRX 2.5, 2.5R) .....	2.00
5177	Pull string, recoil starter (TRX 2.5, 2.5R) .....	1.50
5211R	Roller clutch (TRX 2.5 & 2.5R) (also called one-way bearing) .....	22.50
5282	Screws, 3x12mm button-head machine (6) (starter attachment screws with threadlock) .....	3.00
5277	Shaft, starter (TRX 2.5 & 2.5R) .....	9.00
5175	Spool, recoil starter (TRX 2.5, 2.5R) .....	4.00
5176	Spring, recoil starter (TRX 2.5, 2.5R) .....	8.50
5170	Starter, recoil (complete with screws) (TRX 2.5 & 2.5R) .....	20.00

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