

Discoverer STT PRO™

Traction



STANDARD LIMITED WARRANTY PREMIUM HIGH-VOID

The Discoverer STT PRO is Cooper's most advanced, extreme tire to date! The Discoverer STT PRO provides exceptional traction and performance in some of the harshest terrains on Earth. The distinctive tread design and compound provide remarkable on the road performance without sacrificing off-road traction. 3-Ply Armor-Tek3, silica tread compound, aggressive 3-2 center rib design, side-biters and more, all wrapped up in Cooper's advanced mud terrain tire. Push the Discoverer STT PRO to the limits and you'll "discover" what your vehicle is truly capable of!

Fitments:

Off-Road or rugged-use pick-ups

M+S Rated



Coupled Silica Compound



Micro-Gauge™ Siping



Armor-Tek3 Construction



Cut-N-Chip Compound Additives



Anti Stone Retention



Cross Rotation Compatible

“ARMOR-TEK3®” CARCASS PROTECTION

Cooper's proprietary and proven full 3-ply carcass construction in the tread and sidewall provides 50% more protection against impact damage than standard 2-ply tires. The third ply is oriented at an optimal angle to the first two plies to maximize carcass protection in extreme off-road conditions.

3-2 INNER TREAD RIBS

The inner tread ribs of the Discoverer STT PRO are positioned in an alternating 3-2 pattern. This unique hybrid design provides a number of significant performance benefits like: reduced road noise, increased stability and handling, superior soft surface (trail) and mud traction, balanced wear, and reduced tendency for vehicle drift commonly experienced on fitments with aggressive off-road tires.

LARGE DEPTH SIDE BITERS

The Discoverer STT PRO features large, specially-designed cleats of rubber (side biters) on the shoulder area of the sidewall, to enhance traction and grip in muddy or soft terrains and in rock crawling situations where maximum grip is essential. The orientation and design of these cleats promotes traction on inclines, reducing the chances of tire side-slip.

FLEX GROOVE

The “flex groove” is a small, circumferential groove in the buttress region that generates a designed flex point in the tire. This ability to flex in a predetermined location provides a smoother ride by helping to dampen the impact generated by inconsistencies in pavement, potholes and gravel. In tough off-road situations where tires are sometimes aired down, this groove allows the tread and side biter to better conform and work together when traversing irregular, tough obstacles.

ALTERNATING MUD SCOOP AND ASYMMETRICAL SCALLOP

The asymmetrical scallops on alternating lugs direct mud into the mud scoops to allow the Discoverer STT PRO to pull through muddy terrains with ease. These “scoops” act as shovels to consistently dig in as the tire rotates. Scoop by scoop the Discoverer STT PRO digs in and will confidently pull your vehicle through the toughest situations.

MUD-FLEX DESIGN

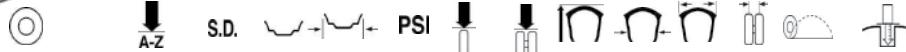
The mud-flex design is where the outside shoulder and intermediate tread ribs are strategically coupled together along their face. This connection creates a continuous cleating feature that assists the Discoverer STT PRO in digging through muddy terrain. The back side of this face is ramped to allow the tread blocks to work independently which provides better stability and tread conformity in less aggressive situations.



Discoverer STT PRO™



LIGHT TRUCK Traction



Material #	Sdwl.	Tire Size, Load Range & Service Description	Approved Rim Widths	Max PSI	Single Max Load	Dual Max Load	Overall Diam.	Sect. Width	Tread Width	Dual Spcg.	Rev. Per Mile	Tread Depth 32 ^{nds} mm	lbs		
DISCOVERER STT PRO														BLACK SIDEWALL AND RAISED WHITE LETTER	
90000023661	RWL	30X9.50R15LT C 104Q	(7.5) 6.5-8.5	50	1985	----	29.57	9.6	7.72	----	701	19.0 15.2	43.3 19.7	029142829683	
90000023638	RWL	31X10.50R15LT C 109Q	(8.5) 7.0-9.0	50	2270	----	30.75	10.7	8.50	----	674	20.0 15.8	49 22.3	029142829454	
90000023680	RWL	32X11.50R15LT C 113Q	(9.0) 8.0-10.0	50	2535	----	31.57	11.7	9.09	----	657	20.0 15.8	52.8 24.0	029142829904	
90000023635	RWL	33X12.50R15LT C 108Q	(10.0) 8.5-11.0	35	2205	----	32.72	12.2	9.80	----	634	21.0 16.6	56.9 25.9	029142829423	
90000023651	RWL	35X12.50R15LT C 113Q	(10.0) 8.5-11.0	35	2535	----	34.57	13.1	10.08	----	600	21.0 16.6	67.9 29.8	029142829485	
90000023658	RWL	LT305/70R16 E 124/121Q	(9.0) 8.0-9.5	65	3525	3195	32.99	12.3	9.88	13.3	628	19.5 15.4	62 28.2	029142829652	
90000023668	BLK	LT225/75R16 E 115/112Q	(6.0) 6.0-7.0	80	2680	2470	29.49	8.9	7.05	10.2	703	18.0 14.2	43.9 20.0	029142829706	
90000023650	BLK	LT245/75R16 E 120/116Q	(7.0) 6.5-8.0	80	3042	2778	30.71	9.6	7.52	11.3	675	18.0 14.3	46.8 21.3	029142829478	
90000023634	RWL	LT265/75R16 E 123/120Q	(7.5) 7.0-8.0	80	3415	3085	31.89	10.7	8.43	12.2	650	18.5 14.8	53.5 24.3	029142829416	
90000023636	RWL	LT285/75R16 E 126/123Q	(8.0) 7.5-9.0	80	3750	3415	32.99	11.2	8.82	13.7	628	19.0 15.1	58.9 26.8	029142829430	
90000023655	RWL	LT315/75R16 E 127/124Q	(8.5) 8.0-11.0	65	3860	3525	34.53	12.6	9.69	14.3	600	20.5 16.2	66.7 30.3	029142829621	
90000023671	BLK	LT215/85R16 E 115/112Q	(6.0) 5.5-7.0	80	2680	2470	30.59	8.5	6.34	9.9	678	18.5 14.7	41.4 18.8	029142829737	
90000023637	BLK	LT235/85R16 E 120/116Q	(6.5) 6.0-7.5	80	3042	2778	31.89	9.6	7.13	10.8	650	18.0 14.3	49.1 22.3	029142829447	
90000023678	BLK	37X12.50R17LT D 124Q	(10.0) 8.5-11.0	50	3525	----	36.77	13.0	10.20	----	564	22.0 17.5	77.2 35.1	029142829805	
90000023693	BLK	37X13.50R17LT E 121Q	(11.0) 8.5-11.0	65	3195	----	36.77	13.3	10.98	----	564	22.0 17.5	86.1 39.1	029142829843	
90000023692	BLK	LT305/65R17 E 121/118Q	(9.0) 8.5-11.0	65	3195	2910	32.68	12.3	9.88	14.2	634	21.0 16.6	63.9 29.0	029142830009	
90000023627	RWL	LT265/70R17 E 121/118Q	(8.0) 7.0-8.5	80	3195	2910	31.93	10.7	8.50	12.4	649	18.5 14.8	54.1 24.6	029142829171	
90000023652	RWL	LT285/70R17 E 121/118Q	(8.5) 7.5-9.0	80	3195	2910	33.03	11.5	8.98	13.4	628	19.0 15.2	61.6 28.0	029142829492	
90000023653	RWL	LT295/70R17 E 121/118Q	(8.5) 7.5-10.0	80	3195	2910	33.46	12.0	9.69	13.7	620	21.0 16.6	64.7 29.4	029142829607	
90000023657	RWL	LT315/70R17 E 121/118Q	(9.5) 8.0-11.0	65	3195	2910	34.57	12.6	10.00	14.8	600	21.0 16.6	66.6 30.3	029142829645	
90000023681	RWL	LT255/75R17 C 111/108Q	(7.0) 6.5-8.5	50	2405	2205	31.89	10.3	8.11	11.7	650	19.0 15.2	54.3 24.7	029142829911	
90000023695	BLK	37X13.50R18LT D 124Q	(11.0) 8.5-11.0	50	3525	----	36.77	13.3	10.98	----	564	22.0 17.5	83.5 38.0	029142829867	
90000023662	RWL	LT305/60R18 E 121/118Q	(9.0) 8.5-11.0	65	3195	2910	32.68	12.0	10.08	14.2	634	21.0 16.6	65 29.6	029142829690	
90000023660	RWL	LT275/65R18 E 123/120Q	(8.0) 7.5-9.0	80	3415	3085	32.28	10.9	8.82	12.8	642	19.0 15.1	55.9 25.4	029142829676	
90000023656	RWL	LT285/65R18 E 125/122Q	(8.5) 8.0-10.0	80	3640	3305	32.91	11.8	9.49	13.3	630	19.0 15.1	60.5 27.5	029142829638	
90000023669	RWL	LT325/65R18 E 127/124Q	(9.5) 9.0-12.0	65	3860	3525	34.69	13.7	11.10	14.8	598	21.0 16.6	76.8 34.9	029142829713	
90000023639	RWL	LT275/70R18 E 125/122Q	(8.0) 7.0-8.5	80	3640	3305	33.31	11.3	9.09	12.8	622	20.0 16.0	61.9 28.1	029142829461	
90000023659	RWL	LT295/70R18 E 129/126Q	(8.5) 7.5-10.0	80	4080	3750	34.49	12.0	9.69	13.7	601	21.0 16.6	66.5 30.9	029142829669	
90000023670	RWL	LT305/70R18 E 126/123Q	(9.0) 8.5-10.0	65	3750	3415	35.08	12.4	9.88	14.2	591	21.0 16.6	70.2 31.9	029142829720	
90000023673	BLK	35X12.50R20LT E 121Q	(10.0) 8.5-11.0	65	3195	----	34.69	12.4	10.20	----	598	21.0 16.6	68.3 31.1	029142829751	
90000023697	BLK	35X13.50R20LT E 122Q	(11.0) 8.5-11.0	65	3305	----	34.57	13.2	11.10	----	600	21.0 16.7	77.3 35.1	029142829881	
90000023694	BLK	37X12.50R20LT E 126Q	(10.0) 8.5-11.0	65	3750	----	36.69	12.6	10.31	----	565	21.0 16.7	76.3 34.7	029142829850	
90000023690	BLK	37X13.50R20LT E 127Q	(11.0) 8.5-11.0	65	3860	----	36.85	13.3	10.79	----	563	21.0 16.6	84.3 38.3	029142829829	
90000023691	BLK	LT295/55R20 E 123/120Q	(9.5) 8.0-10.0	80	3415	3085	33.07	12.6	10.20	14.1	627	20.0 16.0	68.9 31.3	029142829836	
90000023654	BLK	LT305/55R20 E 121/118Q	(9.5) 8.5-11.0	65	3195	2910	33.50	12.2	10.43	14.4	619	20.5 16.4	68.6 31.2	029142829614	
90000023628	BLK	LT295/60R20 E 126/123Q	(8.5) 8.0-10.0	80	3750	3415	34.29	11.5	9.65	12.8	605	19.5 15.4	65.4 29.7	029142829188	
90000023672	BLK	LT275/65R20 E 126/123Q	(8.0) 7.5-9.5	80	3750	3415	34.49	10.9	9.09	12.8	601	19.0 15.2	62.5 28.4	029142829744	
90000023629	BLK	LT295/65R20 E 129/126Q	(8.5) 8.0-10.0	80	4080	3750	35.43	11.7	9.65	13.7	585	19.5 15.4	67.4 30.6	029142829195	
90000023682	BLK	35X12.50R22LT E 117Q	(10.0) 8.5-11.0	65	2835	----	34.76	12.3	10.39	----	596	21.0 16.7	70.5 32.0	029142829928	
90000023696	BLK	37X13.50R22LT E 123Q	(11.0) 8.5-11.0	65	3415	----	36.89	13.4	10.79	----	562	21.0 16.7	79.8 36.3	029142829874	
90000023683	BLK	LT325/50R22 E 122Q	(10.0) 9.0-12.0	65	3305	----	35.12	12.9	11.38	----	590	21.0 16.7	76.2 34.6	029142829935	

New Product - June 2015!
Replaces the Discoverer STT.

If the dual max load and spacing is not noted here, please call the Cooper Tire Consumer Relations Department for a proper fitment recommendation.

ALWAYS CONSULT AND FOLLOW THE VEHICLE MANUFACTURER REPLACEMENT TIRE RECOMMENDATIONS AND WARNINGS.

Use the information on the vehicle placard and vehicle owner's manual to identify original equipment inflation pressure, tire size, speed rating and load carrying capacity. Cooper Tire reserves the right to change and improve construction, materials or specifications without notice or obligation. Please refer to the back cover of this book for important tire safety considerations and recommendations.