

**RENEGADE<sup>®</sup> A/T PRO**

## **HANDLING TEST RESULTS**

LT265/70R17 121/118S E

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RENEGADE A/T PRO: LT265/70R17 121/118S E

# PATTERN COMPARISON



<b>MICHELIN DEFENDER LTX MS 121R E</b> <b>Control Tire</b> Tread Depth 14/32" (11.1 mm)	<b>RADAR RENEGADE AT PRO 121S E</b> Tread Depth 16/32" (12.7 mm)	<b>GLADIATOR X-COMP MT 121S E</b> Tread Depth 18/32" (14.3 mm)	<b>BFG ALL TERRAIN KO2 121S E</b> Tread Depth 15/32" (11.9 mm)	<b>PATHFINDER AT 121S E</b> Tread Depth 14/32" (11.1 mm)	<b>NITTO RIDGE GRAPPLER 121Q E</b> Tread Depth 16/32" (12.7 mm)
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- Michelin is a rib pattern, while Pathfinder and BFG are more of an all terrain pattern. Radar, Gladiator and Nitto are aggressive looking off-road patterns
- Cooper and Kenda have the most tread depth (19/32'), followed by Radar, Nitto and Venom which have the second deepest tread depth (16/32"). Michelin has the least tread depth.
- Test Vehicle used – 2021 Ford F250; Test Location – Tire and Vehicle Test Center, Pearsall, Texas

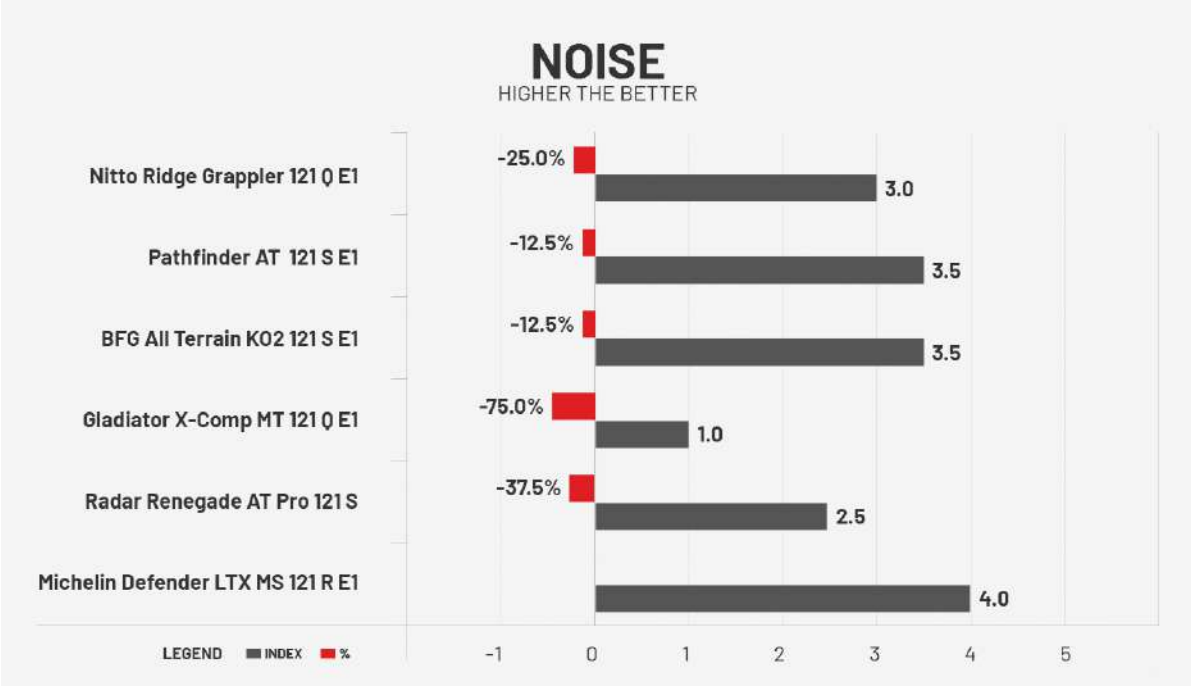
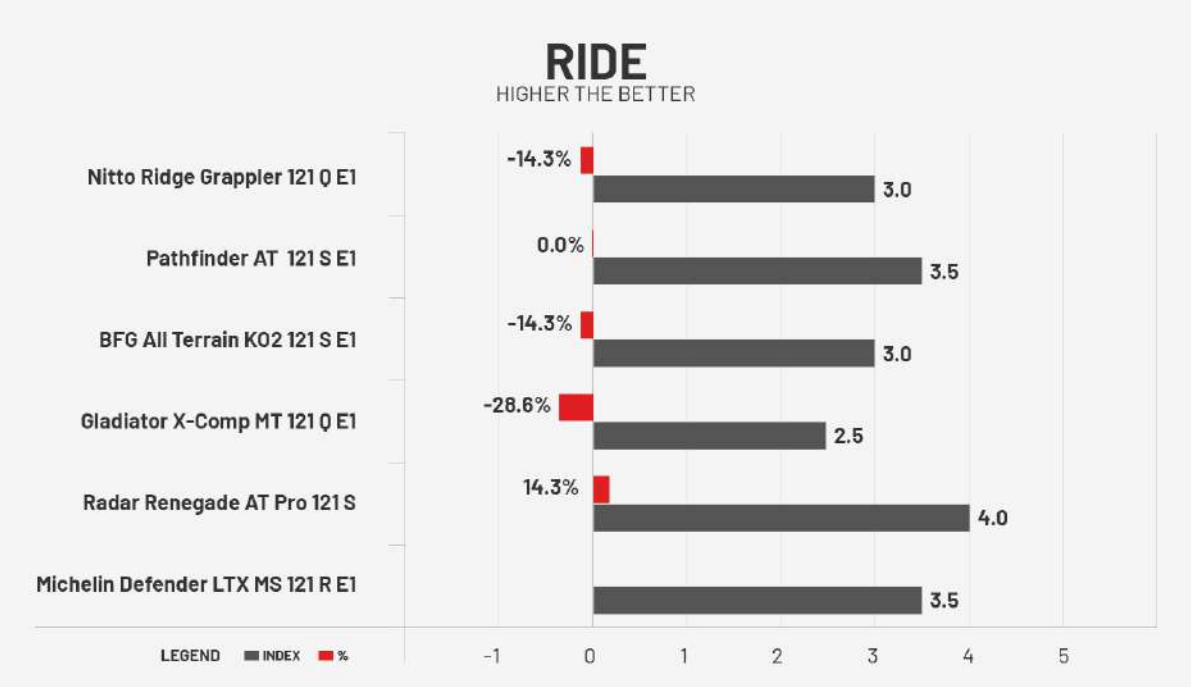
# HANDLING TEST SUMMARY

SET NUMBER		CONTROL TIRE	V1	V2	V3	V4	V5
TIRE NAME		MICHELIN DEFENDER LTX MS 121R E	RADAR RENEGADE AT PRO 121 S	GLADIATOR X-COMP MT 121 Q E1	BFG ALL TERRAIN KO2 121 S E1	PATHFINDER AT 121 S E1	NITTO RIDGE GRAPPLER 121 Q E1
Tread Depth		14/32"	16/32"	18/32"	15/32"	14/32"	16/32"
Ride	Index	3.5	4.0	2.5	3.0	3.5	3.0
	%		14.3%	-28.6%	-14.3%	0.0%	-14.3%
Noise	Index	4.0	2.5	1.0	3.5	3.5	3.0
	%		-37.5%	-75.0%	-12.5%	-12.5%	-25.0%
Highway Handling	Index	3.5	3.5	2.5	3.5	3.5	3.0
	%		0.0%	-28.6%	0.0%	0.0%	-14.3%
Wet Handling	Index	3.5	3.0	2.5	3.0	3.0	2.5
	%		-14.3%	-28.6%	-14.3%	-14.3%	-28.6%
Wet Stopping Distance	Index	175.3	191.4	191.4	175.7	178.3	188.9
	%		-9.2%	-9.2%	-0.3%	-1.7%	-7.7%
Dry Stopping Distance	Index	168.5	174.8	176.8	167.0	166.5	166.9
	%		-3.8%	-4.9%	0.9%	1.2%	0.9%

**NOTE**  
Index – The higher the better      In feet – The Lower the better      -ve % - Result lower than Control tire

- SUMMARY**
- Ride - Radar is better than the Control Tire
  - Noise - Radar and Nitto both have aggressive looking tread designs but deliver an acceptable noise levels. Pathfinder and BFG have an AT design with shallower tread depth and lower noise levels.
  - Highway Handling – Radar is equivalent to the Control tire and its better than other competitors.
  - Dry and Wet Stopping Distance – Radar is slightly below other brands

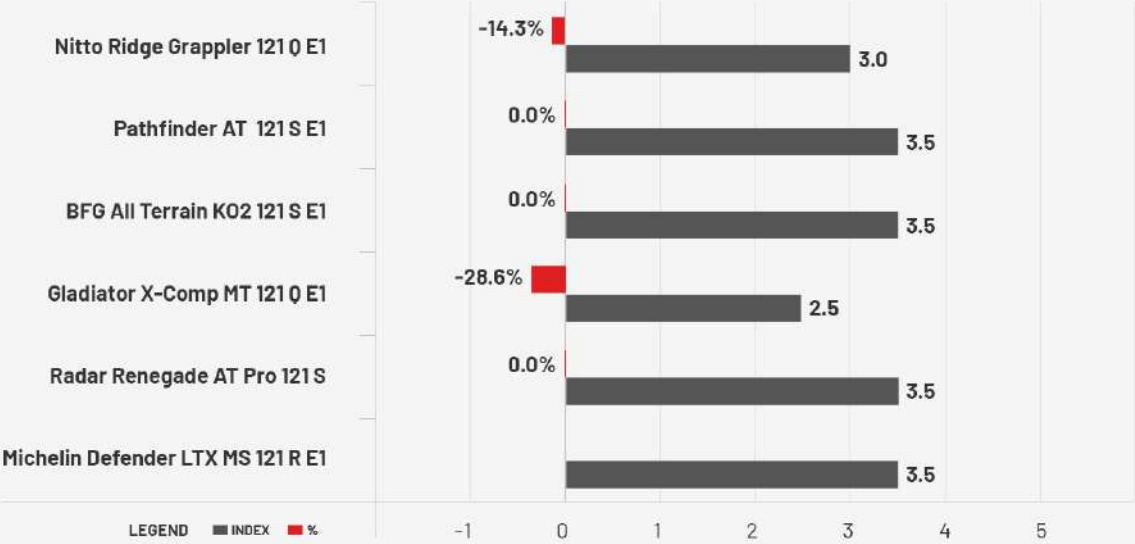
# HANDLING TEST



# HANDLING TEST

## HIGHWAY HANDLING

HIGHER THE BETTER



## WET HANDLING

HIGHER THE BETTER



# HANDLING TEST

