

For Immediate Release

2016 Nissan TITAN XD Diesel Crew Cab Specifications

Specifications are based on the latest product information available at time of printing

Mechanical

Engine	
Name	Cummins® 5.0-liter V8 Turbo Diesel
Cam design	DOHC
Orientation	Longitudinally mounted
Cylinders / configuration	V8
Block / head composition	Compacted Graphite Iron (CGI)/aluminum alloy
Displacement (liters)	5.0
Horsepower	310 @ 3,200 rpm
Torque (lb-ft)	555 @ 1,600 rpm
Bore & stroke (mm)	94 x 90
Compression ratio	16.3:1
Maximum engine speed	4,200 rpm
Induction system	Turbocharged (Holset M2 two-stage turbo)
Fuel delivery system	High Pressure Common Rail (HPCR)
Valvetrain	32 valve; single-stage
Engine mounts	Solid
Recommended fuel	Ultra Low Sulfur Diesel Fuel only
Emissions system	Single Exit with Selective Catalyst Reduction (SCR) and Diesel Particulate Filter (DPF)
Emission certification level	Tier2 Bin3 (FED)/LEVIII LEV (Calif.)
Exhaust	Stainless steel

Electrical	
Starter	TBD kW
Alternator	200 Amps
Battery	Standard/Heavy Duty Dual 550 Cold Cranking Amps (CCA) per battery (dual batteries)

Transmission and Drive System			
Drive configuration		RWD or part-time 4WD	
Transmission type		Aisin 6-speed automatic	
Electronic locking rear differential		Standard – PRO-4X	
Gear ratio (:1)	1st	3.742	
	2nd	2.003	
	3rd	1.343	
	4th	1.000	
	5th	0.773	
	6th	0.634	
	Reverse	3.539	
Final drive ratio (:1)		3.916	
Transfer case / Axle ratios		<u>2WD</u>	<u>4WD</u>
	4WD High	-	1.000
	4WD Low	-	2.717
Crawl ratios		-	
	Crawl ratio: 1 st gear	-	39.814:1
Vehicle Dynamic Control (VDC)		S	
Traction Control System (TCS)		S	
Hill Start Assist (HSA)		S	
Hill Descent Control (HDC)		Standard - PRO-4X	

Brakes		
Front	Type	Vented disc
	Rotor size diameter and thickness (in.)	14.17 / 1.5
Rear	Type	Vented disc
	Rotor size diameter and thickness (in.)	14.37 / 1.2
Electronic Brake force Distribution (EBD)		S
Brake Assist		S
ABS	4-wheel/4-channel/4-sensor	S
2-wheel/4-wheel Limited Slip (ABLS)		TBD
Parking brake		Foot pedal/mechanical

Steering		
Type		Hydraulic recirculating ball
Power assisted		Engine speed variable assist
Overall ratio (:1)		19:1
Turns (lock-to-lock)		4.6
Turning diameter (curb-to-curb, in feet)		53.8
Steering wheel	S/SV	Urethane
	PRO-4X/SL, Opt. SV	Leather-wrapped
	Platinum Reserve	Wood and leather-wrapped
	Heated	Standard - Platinum Reserve, Opt - PRO 4-X

Suspension	
Front	Double-wishbone w/36 mm stabilizer bar
Rear	Multi-leaf w/solid axle, 18 mm stab. bar
Bilstein monotube coil-over shocks	Standard on PRO-4X