

iDash Parameter List - 2018 Nissan Titan XD 5.0L Diesel

Air Density		
Label	Description	Unit
THR-DD	Delta Density - Throttle	LB/1KFT3
THR-DD	Delta Density % - Throttle	%
MAD	Density - Manifold Air	LB/1KFT3
MAD	Density % - Manifold Air (J607)	%
PR-ALT	Pressure Altitude	FT

Engine Performance - Air		
Label	Description	Unit
HPE-1K	Ambient E85 Power Potential per 1000 CFM	HP/1K
CFM-EN	CFM Engine	
MAF	Mass Air Flow	GRAM/S
VT CMD	Turbo Vane Command	%
VT POS	Turbo Vane Position	%

Vehicle Performance		
Label	Description	Unit
APP D	Accelerator Pedal D	%
APP E	Accelerator Pedal E	%
APPREL	Accelerator Pedal Relative	%
LOAD	Calculated Engine Load	%
DISP	Engine Displacement	L
TRQ FR	Engine Friction % Torque	%
TRQREF	Engine Reference Torque	FT-LB
HP-ECU	Horsepower ECU	HP
TORQUE	Torque % Actual	%
TRQCMD	Torque % Commanded	%
TQ-ECU	Torque ECU	FT-LB

Speed and Velocity		
Label	Description	Unit
RPM	Engine RPM	
TUR-RPM	Turbo A RPM	K RPM
SPEED	Vehicle Speed	MPH

Emissions		
Label	Description	Unit
PM 1	% Particulate Matter Bank 1	%
DPFDIS	Avg Distance Between DPF Regen	MILES
DPFTIM	Avg Time Between DPF Regen	MIN
DEFVLV	DEF Fluid Level	%
DEFLOW	DEF Fluid Level Low	
DPF RG	DPF Regen Trigger	%
EGRACT	EGR Duty Cycle Actual	%
EGRCMD	EGR Duty Cycle Commanded	%
EGRERR	EGR Error	%
BPS M	Monitor - Boost Pressure System	
COMP M	Monitor - Comprehensive Component	
EGR M	Monitor - EGR and/or VVT System	
EGAS M	Monitor - Exhaust Gas Sensor	
FUEL M	Monitor - Fuel System	
MIS M	Monitor - Misfire	
HCCAT	Monitor - NMHC Catalyst	
NCAT M	Monitor - NOx/SCR Aftertreatment	
PMF M	Monitor - PM Filter	
NOX1/1	NOX Bank 1 Sensor 1	PPM
NOX1/2	NOX Bank 1 Sensor 2	PPM
SCRSTA	SCR Inducement State	

Engine Performance - Fuel		
Label	Description	Unit
FUEL R	Fuel Flow Rate	GPH
FUEL L	Fuel Tank Level	%
TM ADV	Injection Timing Advance	°BTDC
O2S1/1	O2 Sensor Concentration Bank1 Sensor1	%
O2S1/2	O2 Sensor Concentration Bank1 Sensor2	%

Diagnostics		
Label	Description	Unit
MILDIS	Dist Traveled While MIL Active	MILES
DTCTRV	Distance Since DTCS Cleared	MILES
RUN TM	Engine Run Time	MIN
FLAG	Flag	
ENGIDL	Idle Run Time	HR
MIL	MIL Status	
DTCCLR	Run Time Since DTCS Cleared	MIN
MILACT	Run Time While MIL Active	MIN
ENGRUN	Total Engine Run Time	HR
WARMUP	Warmups Since DTCS Cleared	COUNT

Pressure		
Label	Description	Unit
AAP	Ambient Air Pressure	PSIA
AAP	Ambient Air Pressure (inHg)	INHG
BOOST	Boost Pressure	PSIG
BST-VA	Boost/Vacuum Pressure	PSIG
DPFDP1	DPF Delta Press	PSIA
DPFOP1	DPF Outlet Press Bank 1	PSIA
EXH P1	Exhaust Pressure Bank 1	PSIA
FRPCMD	FRP Commanded	PSIA
FRP	Fuel Rail Pressure	PSIA
MAP	Manifold Absolute Pressure	PSIA
MAP	Manifold Air Pressure (inHg)	INHG
MAP A	Manifold Pressure A	PSIA
P-RAT	Pressure Ratio - System	

Temperature		
Label	Description	Unit
CAC1/1	CAC Temp Bank 1 Sensor 1	°F
THR-DT	Delta Temperature Throttle	°R
EGR1/1	EGR Temp Bank1 Sensor 1	°F
ECT	Engine Coolant Temp	°F
EGT1/1	Exh Temp Bank 1 Sensor 1	°F
EGT1/2	Exh Temp Bank 1 Sensor 2	°F
EGT1/3	Exh Temp Bank 1 Sensor 3	
EGT1/4	Exh Temp Bank 1 Sensor 4	°F
IAT	Intake Air Temp	°F
MAT	Manifold Air Temp	°F
TURCIT	Turbo A Comp Inlet Temp	°F

Voltage		
Label	Description	Unit
BATT*	B-Bus Battery Voltage	V
BATT	ECU Battery Voltage	V