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2018 NISSAN Terrano OEM Service and Repair Workshop Manual

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CONSULT screen item (Indication/Unit)	Description
ODO/TRIP METER (km)	Vehicle speed of the moment a particular DTC is detected
DTC count (count)	Indicates the detection count of the corresponding DTC

CGW INFORMATION

Display the diagnosis mode which a user can perform in Diag Test mode/Open Mode by switching the CGW status from Restricted mode to Diag Test Mode/Open Mode.

For the method of switching CAN Gateway status, Refer to [CONSULT Function](#).

DATA MONITOR



NOTE:

The following table includes information (items) inapplicable to this vehicle. For information (items) applicable to this vehicle, refer to CONSULT display items.

Monitored item [Unit]	ALL SIGNALS	MAIN SIG (ICC)	MAIN SIG (LDP)	MAIN SIG (BSW/BSI)	MAIN SIG (BCI)	MAIN SIG (EAP)	Description
Current malfunction	×						NOTE: The item is displayed, but it is not used
PWR SUP MONI [V]	×	×				×	Indicates the ADAS control unit 2 power supply voltage
Active test status	×					×	NOTE: The item is displayed, but it is not used
Ignition switch [OFF/ON]	×						Indicates [ON/OFF] status of power switch
MAIN SW [OFF/ON]	×	×	×	×			Indicates [ON/OFF] status of ProPILOT Assist 2.0 MAIN switch as judged from steering switch
CANCEL SW [OFF/ON]	×	×					Indicates [ON/OFF] status of CANCEL switch as judged from steering switch
SET/COAST SW	×	×					Indicates [ON/OFF] status of SET- switch

Monitored item [Unit]	ALL SIGNALS	MAIN SIG (ICC)	MAIN SIG (LDP)	MAIN SIG (BSW/BSI)	MAIN SIG (BCI)	MAIN SIG (EAP)	Description
[OFF/ON]							as judged from steering switch
RESUME/ACC SW [OFF/ON]	×	×					Indicates [ON/OFF] status of RES+ switch as judged from steering switch
DISTANCE SW [OFF/ON]	×						Indicates [ON/OFF] status of DISTANCE switch as judged from steering switch
Switch1 [OFF/ON]	×	×		×			 NOTE: The item is displayed, but it is not used
Switch2 [OFF/ON]	×						Indicates [ON/OFF] status of steering assist switch
BRAKE SW [OFF/ON]	×	×	×	×	×	×	 NOTE: The item is displayed, but it is not used
IDLE SW [OFF/ON]	×				×	×	 NOTE: The item is displayed, but it is not used
STOP LAMP SW [OFF/ON]	×	×	×	×	×	×	Indicates [ON/OFF] status of stop lamp switch signal from ADAS control unit 2 through CAN communication
Lane change support SW [OFF/ON]	×						Indicates [ON/OFF] status of lane change support switch as judged from steering switch
Stop lamp (BU) drive status [OFF/ON]	×						Indicates the stop lamp request status to the chassis control module by the backup function of ADAS control unit 2

Monitored item [Unit]	ALL SIGNALS	MAIN SIG (ICC)	MAIN SIG (LDP)	MAIN SIG (BSW/BSI)	MAIN SIG (BCI)	MAIN SIG (EAP)	Description
DRIVE MODE STATS [NRML/ECO/SPORT/RACE]	×	×	×	×			 NOTE: The item is displayed, but it is not used
OFF-ROAD SW [OFF/ON]	×		×	×	×		 NOTE: The item is displayed, but it is not used
SNOW MODE SW [OFF/ON]	×		×	×		×	Indicates SNOW status in drive mode
DRIVE MODE TEST [The radar output stop/The radar output]	×						 NOTE: The item is displayed, but it is not used
ECO mode switch [OFF/ON]	×						Indicates ECO status in drive mode
G (vertical) [G]	×					×	 NOTE: The item is displayed, but it is not used
G (lateral) [G]	×		×	×			Indicates lateral G acting on the vehicle. This lateral G is judged from a side G sensor signal read by ADAS control unit 2 via CAN communication (The ABS actuator and electric unit (control unit) transmits a side G sensor signal via CAN communication)
Vehicle speed [km/h]	×				×		Indicates vehicle speed as judged from ADAS control unit 2 via CAN communication [ABS actuator and electric unit (control unit) transmits vehicle speed signal through CAN communication]

Monitored item [Unit]	ALL SIGNALS	MAIN SIG (ICC)	MAIN SIG (LDP)	MAIN SIG (BSW/BSI)	MAIN SIG (BCI)	MAIN SIG (EAP)	Description
SET VHCL SPD [km/h]	×	×					Indicates set vehicle speed memorized in ADAS control unit 2
EPS ST angle command value [deg]	×						Indicates the steering angle commanded to the electric power steering system
EPS status [State1/State2/State3]	×						 NOTE: The item is displayed, but it is not used
EPS control request [OFF/ON]	×						Indicates the control request status for the electric power steering system
EPS mode switching request [Mode1/Mode2]	×						 NOTE: The item is displayed, but it is not used
Vibration motor open status [Off/On]	×						Indicates steering vibration motor open status
THRTL OPENING [%]	×		×	×	×		Indicates throttle position judged from ADAS control unit 2 through CAN communication (VCM transmits accelerator pedal position signal through CAN communication)
Torque control command val [Nm]	×						 NOTE: The item is displayed, but it is not used
VEHICLE READY STATUS [OFF/ON]	×						Indicates set vehicle to READY status
Shift position [OFF/P/R/N/D/S/L/B]	×		×	×	×	×	Indicates shift position read from ADAS control unit 2 through CAN communication (VCM transmits shift position signal through CAN communication)

Monitored item [Unit]	ALL SIGNALS	MAIN SIG (ICC)	MAIN SIG (LDP)	MAIN SIG (BSW/BSI)	MAIN SIG (BCI)	MAIN SIG (EAP)	Description
Parking brake switch [OFF/ON]	×					×	Indicates parking brake switch [OFF/ON] status determined from parking brake switch signal read by ADAS control unit 2 via CAN communication (Combination meter transmits parking brake switch signal through CAN communication)
Parking brake holding request [OFF/ON]	×						 NOTE: The item is displayed, but it is not used
Parking brake release request [OFF/ON]	×						 NOTE: The item is displayed, but it is not used
Wiper signal [Low/High]	×			×			Indicates wiper status signal judged from ADAS control unit 2 through CAN communication
Turn signal [OFF/LH/RH]	×		×	×			Indicates turn signal operation status read from ADAS control unit 2 through CAN communication (BCM transmits turn indicator signal through CAN communication)
Driver's seat belt condition [OFF/ON]	×						Indicates driver's seatbelt wearing status
Door open condition [OFF/ON]	×						Indicates either door open [ON] or door closed [OFF] status
HAZARD LAMP [OFF/ON]	×						Indicates hazard lamp operation status
SET DISTANCE [Long/Mid/Short]	×	×					Indicates set distance memorized in ADAS control unit 2
Own vehicle mark [OFF/ON]	×						Indicates the vehicle display status of the combination meter
VHCL AHEAD	×						Indicates [ON/OFF] status of vehicle

Monitored item [Unit]	ALL SIGNALS	MAIN SIG (ICC)	MAIN SIG (LDP)	MAIN SIG (BSW/BSI)	MAIN SIG (BCI)	MAIN SIG (EAP)	Description
[OFF/ON]							ahead signal from ProPILOT Assist 2.0
Vhcl ahead recognition [NG/OK]	×						Indicates the vehicle ahead detection status by the driver assistance system
CRUISE LAMP [OFF/ON]	×	×					Indicates [ON/OFF] status of vehicle ahead signal from ProPILOT Assist 2.0
CRUISE OPE [OFF/ON]	×	×					Indicates whether the ProPILOT Assist is in control (ON means "controlling").
Pro Pilot ON/OFF request [OFF/ON]	×						Indicates [ON/OFF] status of ProPILOT Assist 2.0
Touch sen detection status 1 [unavailable/On/Off/Error]	×						Indicates the detection status of the steering wheel touch sensor
Touch sen detection status 2 [unavailable/On/Off/Error]	×						Indicates the detection status of the steering wheel touch sensor
Touch sen detection status 3 [unavailable/On/Off/Error]	×						Indicates the detection status of the steering wheel touch sensor
Touch sen detection status 4 [unavailable/On/Off/Error]	×						Indicates the detection status of the steering wheel touch sensor
Touch sensor mode status [Touch/Grip/Hands off/Error/Signal invalid]	×						Indicate the state of touching the steering wheel as determined by ADAS control unit 2
VHCL SPEED SE [km/h] or [mph]	×						Indicates vehicle speed calculated from ADAS control unit 2 through CAN communication [ABS actuator and electric unit (control unit) transmits vehicle speed signal (wheel speed) through CAN communication]
D RANGE SW [OFF/ON]	×						Indicates [On/Off] status of "D" positions read from ADAS control unit 2 through CAN communication; ON when position "D" (VCM transmits shift position signal

Monitored item [Unit]	ALL SIGNALS	MAIN SIG (ICC)	MAIN SIG (LDP)	MAIN SIG (BSW/BSI)	MAIN SIG (BCI)	MAIN SIG (EAP)	Description
							through CAN communication)
NP RANGE SW [OFF/ON]	×						Indicates shift position signal read from ADAS control unit 2 through CAN communication (VCM transmits shift position signal through CAN communication)
WIPER SW [OFF/LOW/HIGH]	×						Indicates front wiper operation status determined from front wiper request signal read by ADAS control unit 2 via CAN communication (BCM transmits front wiper request signal through CAN communication)
Door switch [OFF/ON]	×						 NOTE: The item is displayed, but it is not used
RELEASE SW NO [OFF/ON]	×						Indicates [On/Off] status as judged from stop lamp switch signal (BCM transmits stop lamp switch signal through CAN communication)
RELEASE SW NC [OFF/ON]	×						 NOTE: The item is displayed, but it is not used
TURN SIGNAL SW [OFF/LH/RH/Invalid]	×						Indicates the status of turn signal switch read by ADAS control unit 2 via CAN communication
ICC TEMP [OK/NG]	×						Indication of high temperature error judgment result of distance sensor judged by ADAS control unit 2
ASCD STATUS [OFF/ON]	×						Indicates the activation status of the constant speed control function as

Monitored item [Unit]	ALL SIGNALS	MAIN SIG (ICC)	MAIN SIG (LDP)	MAIN SIG (BSW/BSI)	MAIN SIG (BCI)	MAIN SIG (EAP)	Description
							determined by the ADAS control unit 2
Brake torque command value [bar]	×						 NOTE: The item is displayed, but it is not used
TURN SIGNAL LAMP LEFT [OFF/ON]	×						Indicates the operational status of the turn signal lamp left
TURN SIGNAL LAMP RIGHT [OFF/ON]	×						Indicates the operational status of the turn signal lamp right
FEB SELECT [OFF/ON]	×						Indicates an [ON/OFF] state of the AEB system
LDW SELECT [OFF/ON]	×	×	×	×			Indicates an [ON/OFF] state of the LDW system
LDP SELECT [OFF/ON]	×	×	×	×			Indicates an [ON/OFF] state of the I-LI system
Steering assist function select [OFF/ON]	×	×	×	×			Indicates an [ON/OFF] state of the steering assist system
ICC WARNING [OFF/ON]	×						Indicates an [ON/OFF] state of the ProPILOT Assist 2.0 warning message
BUZZER O/P [OFF/ON]	×						Indicates buzzer output [OFF/ON] status to the meter buzzer
TARGET VEHICLE SPEED (NAVI) [m/s2]	×						 NOTE: The item is displayed, but it is not used
BSI system [OFF/ON]	×						Indicates an [ON/OFF] state of the I-BSI system
ProPILOT Park switch [OFF/ON]	×						Indicates ProPILOT parking switch status
FEB SW [OFF/ON]	×						 NOTE:

Monitored item [Unit]	ALL SIGNALS	MAIN SIG (ICC)	MAIN SIG (LDP)	MAIN SIG (BSW/BSI)	MAIN SIG (BCI)	MAIN SIG (EAP)	Description
							The item is displayed, but it is not used
IEB buzzer [OFF/ON1/ON2]	×						Indicates the status of the AEB warning buzzer sounding
Brake fluid pressure command value [MODE1/MODE2/MODE3/unavailable]	×						 NOTE: The item is displayed, but it is not used
ICC buzzer drive [OFF/MODE1/MODE2/MODE3/MODE4]	×						 NOTE: The item is displayed, but it is not used
ICC warning output [OFF/ON]	×						Indicates ProPILOT Assist malfunction message status
Speed control mode [OFF/ICC/ASCD]	×						Indicates cruise control mode status
Set display lamp [OFF/ICC/ASCD]	×						Indicates ProPILOT Assist system display status
ICC Buzzer [OFF/ON1/ON2/ON3]	×						 NOTE: The item is displayed, but it is not used
LDP system [OFF/ON]	×		×				Indicates an [ON/OFF] state of the I-LI system
LDP ON IND [OFF/ON]	×						Indicates an [ON/OFF] state of the I-LI system
LDP malfunction [OFF/ON]	×		×				Indicates [normal/abnormal] status of I-LI system
LDP buzzer [OFF/ON]	×						Indicates the status of the I-LI system warning buzzer
LDP yaw moment [MODE1/MODE2/MODE3/unavailable]	×						 NOTE: