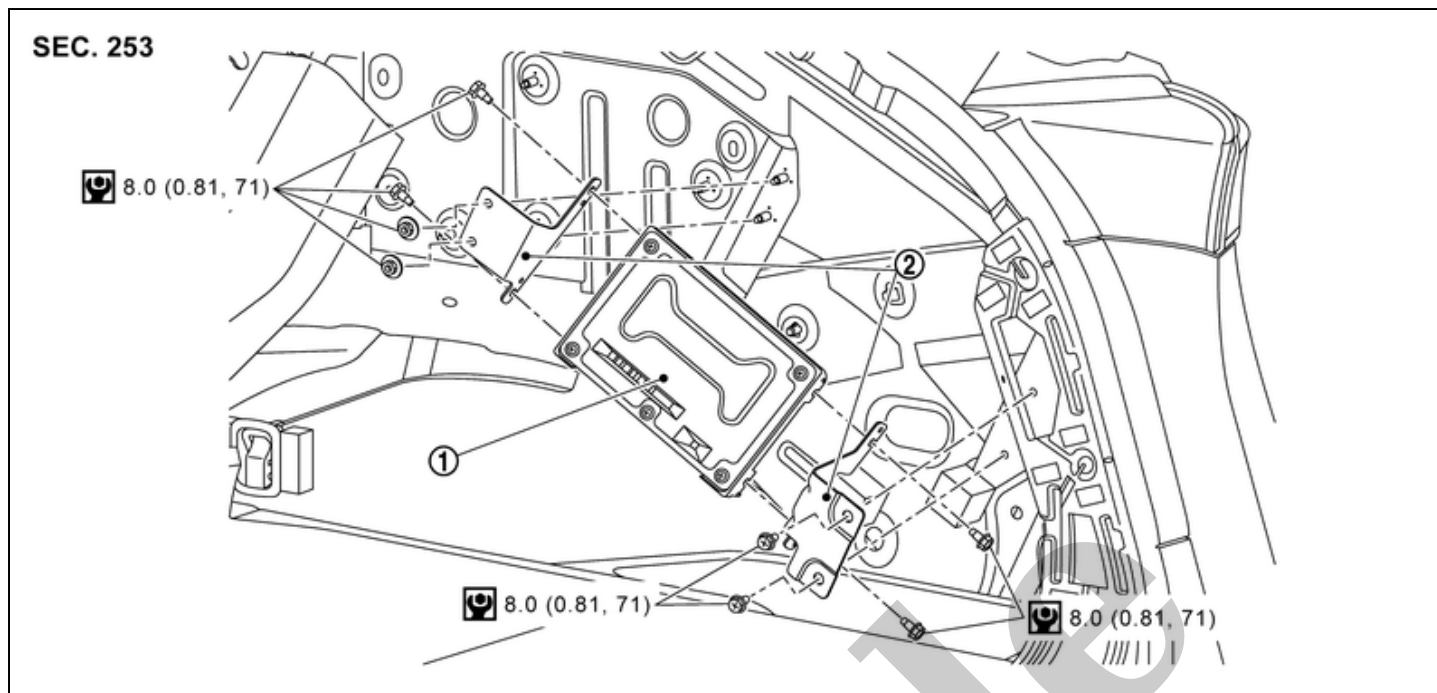


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2020 Nissan Titan XD Service and Repair Manual

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RDE-001932413-01-000373341

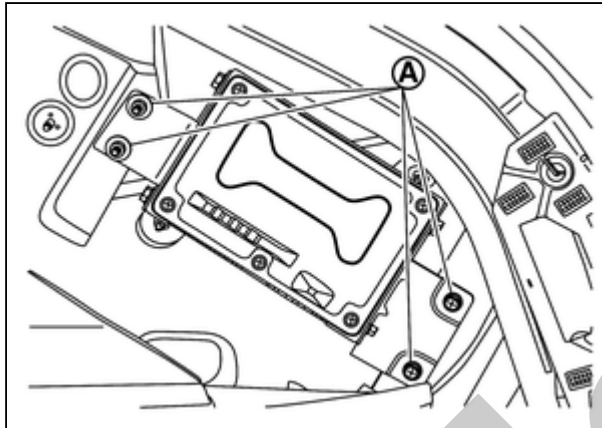
①	ADAS control unit 2	②	ADAS control unit 2 bracket	
🔩	: N·m (kg-m, in-lb)			

Sample

REMOVAL

1 Remove luggage side lower finisher RH. Refer to [Removal and Installation](#).

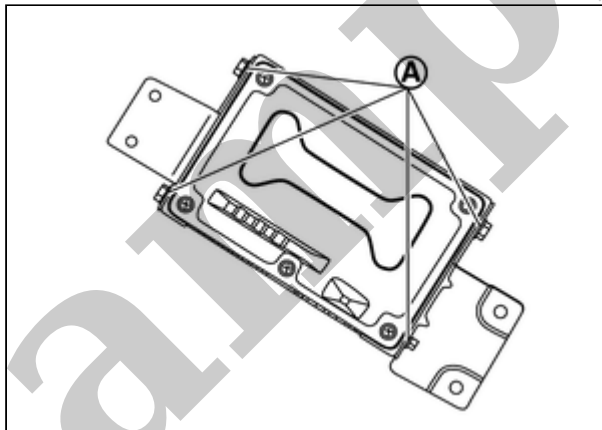
2 Remove mounting nuts and bolts (A) from ADAS control unit 2.



RPR-001932412-01-000365118

3 Disconnect ADAS control unit 2 connector.

4 Remove the mounting nuts (A) and remove ADAS control unit 2 from bracket.



RPR-001932412-02-000365119

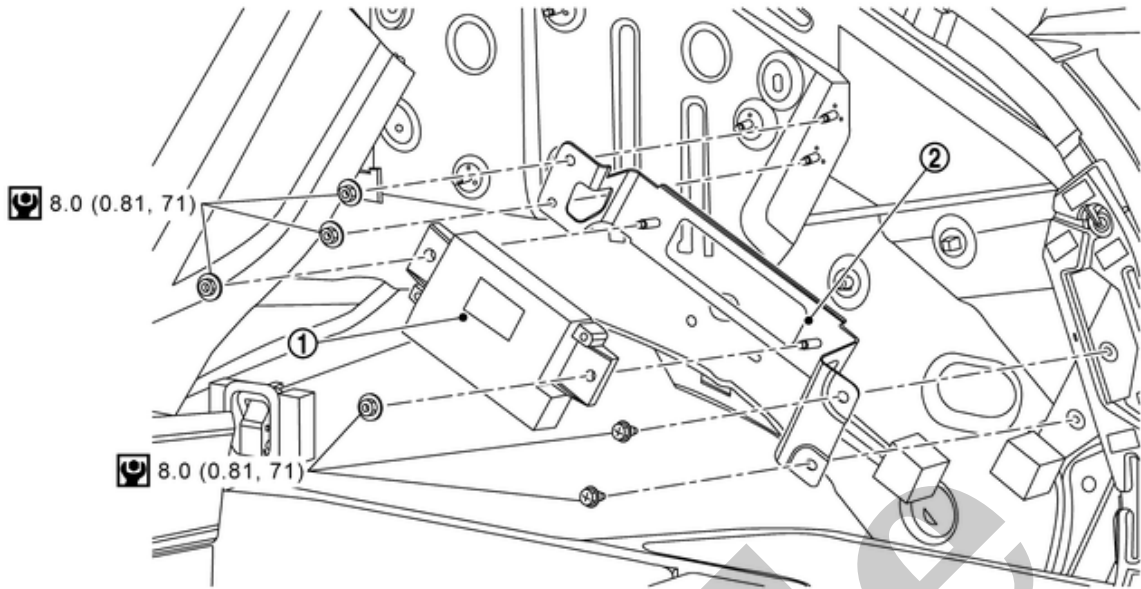
INSTALLATION

Note the following, and install in the reverse order of removal.

CAUTION:

Be sure to perform “ADDITIONAL SERVICE WHEN REPLACING ADAS CONTROL UNIT 2” when replacing ADAS control unit 2. Refer to [Work Procedure](#).

SEC. 253



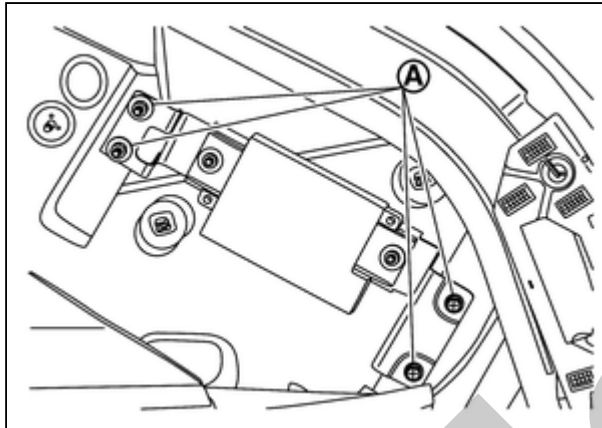
RDE-001932410-01-000373342

①	ADAS control unit 2	②	ADAS control unit 2 bracket	
🔧	: N·m (kg-m, in-lb)			

Sample

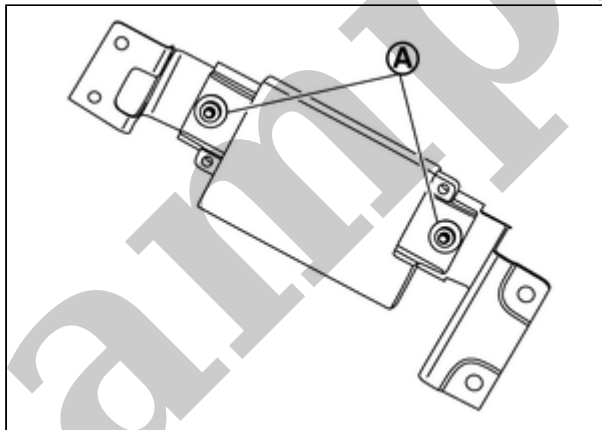
REMOVAL

- 1 Remove luggage side lower finisher RH. Refer to [Removal and Installation](#).
- 2 Remove mounting nuts and bolts (A) from ADAS control unit 2.



RPR-001899090-04-000365120

- 3 Disconnect ADAS control unit 2 connector.
- 4 Remove the mounting nuts (A) and remove ADAS control unit 2 from bracket.



RPR-001899090-05-000365121

INSTALLATION

Note the following, and install in the reverse order of removal.

CAUTION:

Be sure to perform “ADDITIONAL SERVICE WHEN REPLACING ADAS CONTROL UNIT 2” when replacing ADAS control unit 2. Refer to [Work Procedure](#).






VALUES ON THE DIAGNOSIS TOOL








NOTE:



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

Monitor item	Condition		Value/Status
Current malfunction	NOTE: The item is displayed, but it is not used		—
PWR SUP MONI	Set the vehicle to READY		7 - 16 V
Active test status	NOTE: The item is displayed, but it is not used		—
Ignition switch	Power switch ON		ON
MAIN SW	Power switch ON	When ProPILOT Assist 2.0 MAIN switch is pressed	ON
		When ProPILOT Assist 2.0 MAIN switch is not pressed	OFF
CANCEL SW	Power switch ON	When CANCEL switch is pressed	ON
		When CANCEL switch is not pressed	OFF
SET/COAST SW	Power switch ON	When SET- switch is pressed	ON
		When SET- switch is not pressed	OFF
RESUME/ACC SW	Power switch ON	When RES+ switch is pressed	ON
		When RES+ switch is not pressed	OFF
DISTANCE SW	Power switch ON	When DISTANCE switch is pressed	ON
		When DISTANCE switch is not pressed	OFF
Switch1	NOTE: The item is displayed, but it is not used		—
Switch2	Power switch ON	When steering assist switch is pressed	ON
		When steering assist switch is not pressed	OFF
BRAKE SW	NOTE:		—

Monitor item	Condition		Value/Status
	The item is displayed, but it is not used		
IDLE SW	 NOTE: The item is displayed, but it is not used		—
STOP LAMP SW	Power switch ON	When brake pedal is depressed	ON
		When brake pedal is not depressed	OFF
Lane change support SW	Power switch ON	When lane change support switch is pressed	ON
		When lane change support switch is not pressed	OFF
Stop lamp (BU) drive status	Stop lamp operation (BCM) system error and power switch ON	When brake pedal is depressed	ON
		When brake pedal is not depressed	OFF
DRIVE MODE STATS	 NOTE: The item is displayed, but it is not used		—
OFF-ROAD SW	 NOTE: The item is displayed, but it is not used		—
SNOW MODE SW	Power switch ON	When drive mode is SNOW	ON
		when drive mode is other than SNOW	OFF
DRIVE MODE TEST	 NOTE: The item is displayed, but it is not used		—
ECO mode switch	Power switch ON	When drive mode is ECO	ON
		when drive mode is other than ECO	OFF
G (vertical)	 NOTE: The item is displayed, but it is not used		—
G (lateral)	While driving	Vehicle turning right	Negative value
		Vehicle turning left	Positive value
Vehicle speed	While driving		Almost the same speed as speedometer indication
SET VHCL SPD	When vehicle speed is set		Displays the set vehicle speed
EPS ST angle command value	Start the vehicle to READY and turn the ProPILOT Assist 2.0 system ON	When brake pedal is depressed	ON

Monitor item	Condition		Value/Status
		When brake pedal is not depressed	OFF
EPS status	 NOTE: The item is displayed, but it is not used		—
EPS control request	When ProPILOT Assist 2.0 system is controlling		ON
	Other than above		OFF
EPS mode switching request	 NOTE: The item is displayed, but it is not used		—
Vibration motor open status	Power switch ON	When the steering vibration motor circuit is open	On
		Other than above	Off
THRTL OPENING	Power switch ON	When accelerator pedal is not depressed	0 %
		When accelerator pedal is depressed	100 %
Torque control command val	 NOTE: The item is displayed, but it is not used		—
VEHICLE READY STATUS	Set the vehicle to READY		ON
	Other than above		OFF
Shift position	While driving		Displays the shift position
Parking brake switch	Power switch ON	When the parking brake is applied	ON
		Other than above	OFF
Parking brake holding request	 NOTE: The item is displayed, but it is not used		—
Parking brake release request	 NOTE: The item is displayed, but it is not used		—
Wiper signal	Power switch ON	When wiper is not operating	Stop
		When wiper LO is operating	Low
		When wiper HI is operating	High
Turn signal	Power switch ON	Turn signal is OFF	OFF
		Turn signal LH is operating	LH
		Turn signal RH is operating	RH

Monitor item	Condition		Value/Status
Driver's seat belt condition	Power switch ON	Driver seat belt is in fastened state	ON
		Driver seat belt is in not fastened state	OFF
Door open condition	Power switch ON	Either door is opened	ON
		All door are closed	OFF
HAZARD LAMP	Power switch ON	Hazard lamp is operating	ON
		Hazard lamp is not operating	OFF
SET DISTANCE	ProPILOT Assist 2.0 system ON and press the DISTANCE switch to change the vehicle-to-vehicle distance setting	When set to "long"	Long
		When set to "middle"	Mid
		When set to "short"	Short
Own vehicle mark	Power switch ON	When a own vehicle mark is detected	ON
		When a own vehicle mark is not detected	OFF
VHCL AHEAD	Drive the vehicle and activate the vehicle-to-vehicle distance control mode	When a vehicle ahead is detected (vehicle ahead detection indicator ON)	ON
		When a vehicle ahead is not detected (vehicle ahead detection indicator OFF)	OFF
Vhcl ahead recognition	Drive the vehicle and activate the vehicle-to-vehicle distance control mode	When a vehicle ahead is detected	OK
		When a vehicle ahead is not detected	NG
CRUISE LAMP	Set the vehicle to READY	When ProPILOT Assist 2.0 is ON	ON
		When ProPILOT Assist 2.0 is OFF	OFF
CRUISE OPE	Drive the vehicle and activate the vehicle-to-vehicle distance control mode	When ProPILOT Assist 2.0 system is controlling	ON
		When ProPILOT Assist 2.0 system is not controlling	OFF
Pro Pirot ON/OFF request	Set the vehicle to READY	When ProPILOT Assist 2.0 is ON	ON
		When ProPILOT Assist 2.0 is OFF	OFF
Touch sen detection status 1	Power switch ON	When the steering wheel is touched	ON
		When the steering wheel is not touched	OFF
		When the steering wheel touch sensor is malfunctioning	Error
Touch sen detection status 2	Power switch ON	When the steering wheel is touched	ON
		When the steering wheel is not touched	OFF
		When the steering wheel touch sensor is malfunctioning	Error

Monitor item	Condition		Value/Status
Touch sen detection status 3	Power switch ON	When the steering wheel is touched	ON
		When the steering wheel is not touched	OFF
		When the steering wheel touch sensor is malfunctioning	Error
Touch sen detection status 4	Power switch ON	When the steering wheel is touched	ON
		When the steering wheel is not touched	OFF
		When the steering wheel touch sensor is malfunctioning	Error
Touch sensor mode status	Power switch ON	When the steering wheel is touched	Touch
		When the steering wheel is held	Grip
		When the steering wheel is not touched	Hands off
		When the steering wheel touch sensor is malfunctioning	Error
VHCL SPEED SE	While driving		Almost the same speed as speedometer indication
D RANGE SW	Set the vehicle to READY	When the selector lever is in "D" position or manual mode	ON
		When the selector lever is in any position other than "D" or manual mode	OFF
NP RANGE SW	Set the vehicle to READY	When the selector lever is in "N", "P" position	ON
		When the selector lever is in any position other than "N", "P"	OFF
WIPER SW	Power switch ON	When wiper is not operating	OFF
		When wiper LO is operating	LOW
		When wiper HI is operating	HIGH
Door switch	 NOTE: The item is displayed, but it is not used		—
RELEASE SW NO	Power switch ON	When brake pedal is depressed	ON
		When brake pedal is not depressed	OFF
RELEASE SW NC	 NOTE: The item is displayed, but it is not used		—
TURN SIGNAL SW	Power switch ON	Turn signal lamps is OFF	OFF
		Turn signal lamp LH is operating	LH
		Turn signal lamp RH is operating	RH