

Your Ultimate Source for OEM Repair Manuals

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2016 NISSAN 370Z Coupe OEM Service and Repair Workshop Manual

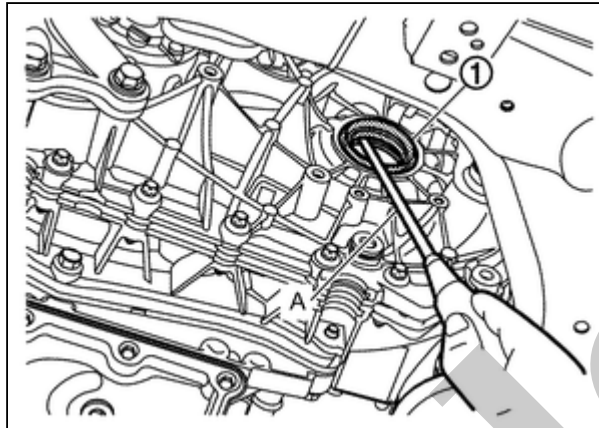
[Go to manual page](#)

REDUCTION GEAR DIFFERENTIAL SIDE OIL SEAL : Removal & Installation

RPR-001932067

REMOVAL

- 1 Remove the front drive shaft (LH side and/or RH side). Refer to [FRONT DRIVE SHAFT: Removal & Installation](#).
- 2 Remove side oil seal ① (left side and/or right side), using oil seal remover (A) (commercial service tool).



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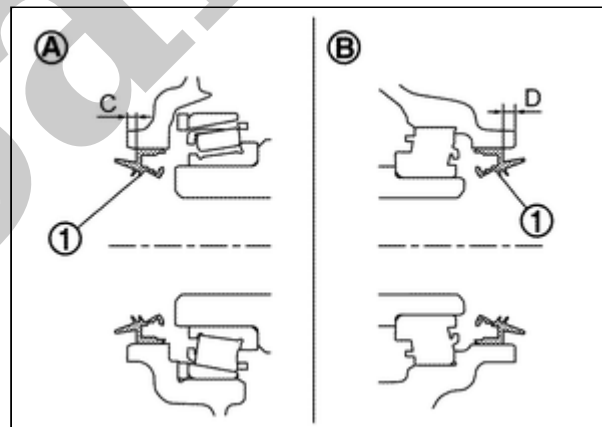
CAUTION:

Never damage mounting surfaces of the side oil seal.

INSTALLATION

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

- Using a drift (commercial service tools), drive the side oil seal ① within the dimension (C) and (D) shown as follows.



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Ⓐ	: Left side
Ⓑ	: Right side

Dimension (C) : 2.6 ±0.3 mm (0.102 ±0.012 in)

Dimension (D) : 3.45 ±0.3 mm (0.1358 ±0.012 in)

CAUTION:

- Never reuse oil seal.
- Be careful not to scratch the lip of the oil seal.

- **When installing, never incline oil seal.**
- **If oil seal is inserted deeper than the reference value, use new oil seal and perform installing again.**



NOTE:

The reference is the pull-in direction of the side oil seal.

- Check the oil level and the oil leakage after installation. And check the oil leakage from reduction gear again, after driving the vehicle. Refer to [REDUCTION GEAR OIL : Inspection](#).

Sample

Specifications

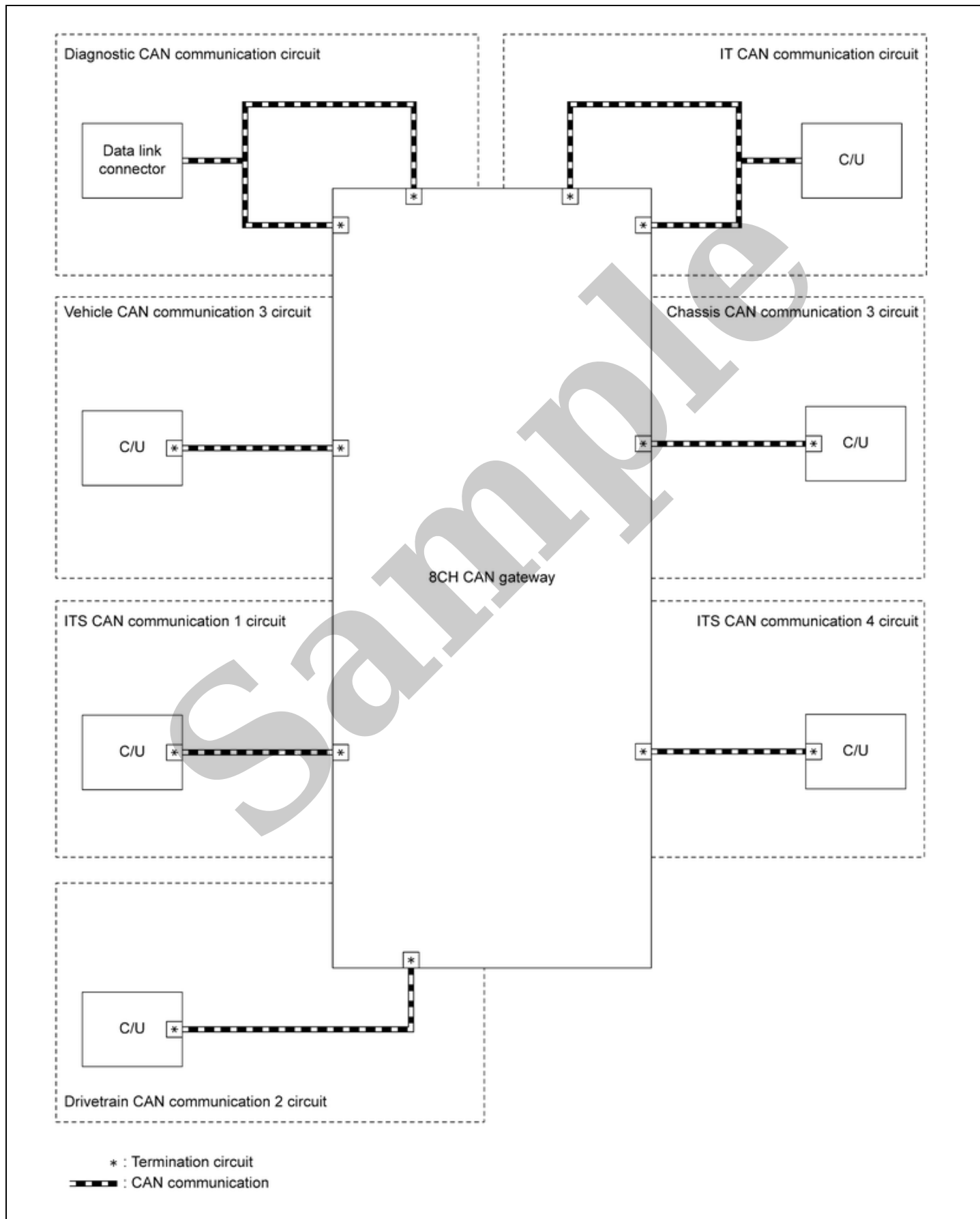
SIEMD-7198691

Applied model		2WD	AWD
Model		RE1F62A	RE1F62A
Final gear ratio		11.090	8.896
Number of gear tooth	Input gear	19	27
	Main gear (In/Out)	50/14	57/14
	Final gear	59	59

Sample

8CH CAN GATEWAY

System Diagram



Unit name	Description
8CH CAN gateway	Component Description

System Description

- The 8CH CAN gateway system communicates between vehicle CAN communication circuits, ITS CAN communication circuits, chassis CAN communication circuits, Drivetrain CAN communication circuit, IT CAN communication circuit, and diagnostic CAN communication circuit.
- This system selects and transmits only necessary information.

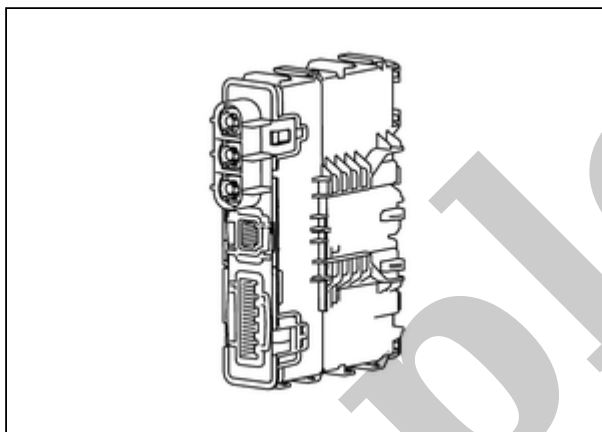
Sample

EXPLANATIONS OF COMPONENT PARTS

Component Function Within The System

Individual Component Function

8CH CAN gateway transmits CAN signals from each network.



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Component Operation


Refer to [System Description](#).

Component Parts Location

8CH CAN gateway is installed at behind the instrument lower panel. Refer to [Component Parts Location](#).

APPLICATION ITEM

CONSULT performs the following functions via CAN communication with 8CH CAN gateway.

Diagnosis mode	Function Description
Self Diagnostic Result	Display non-network DTC which 8CH CAN gateway memorizes.
Work support	Changes the setting for each setting function.
Data monitor	 NOTE: This item is displayed, but cannot be monitored.
ECU Identification	The 8CH CAN gateway part number is displayed.

SELF DIAGNOSTIC RESULT

Refer to [DTC Index](#).


- When “CRNT” is displayed on “Self Diagnostic Result”
 - The system is presently malfunctioning.
- When “PAST” is displayed on “Self Diagnostic Result”
 - System malfunction in the past is detected, but the system is presently normal.

Freeze Frame Data (FFD)

When DTC is detected, a vehicle state shown below is recorded and displayed on CONSULT.

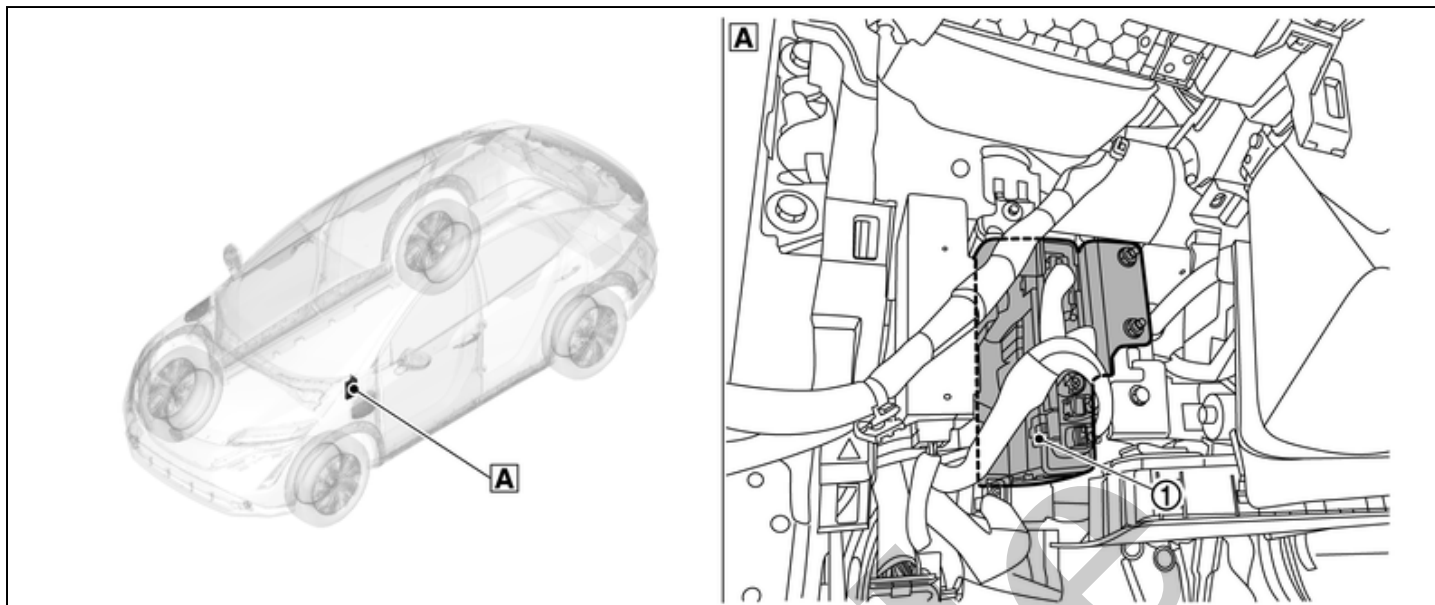
Item name	Display item
ODO/TRIP METER (km)	Displays the total mileage when a DTC detected.

WORK SUPPORT

Item name	Description
VIN REGISTRATION	Register of the vehicle identification number.
OTA status reset	 NOTE: This item is displayed, but cannot be used.

ECU IDENTIFICATION

The part number of 8CH CAN gateway is displayed.



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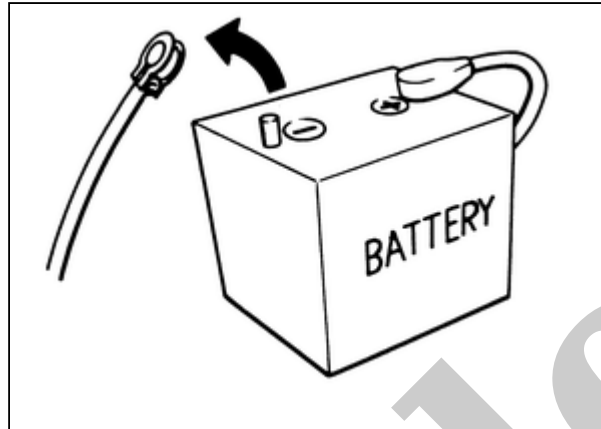
①	8CH CAN gateway				
A	Instrument lower panel removed condition				

Sample

PRECAUTIONS FOR REMOVING BATTERY TERMINAL : Precautions

RDE-001937075

- With the adoption of Auto ACC function, ACC power is automatically supplied by operating the Intelligent Key or remote keyless entry or by opening/closing the driver side door. In addition, ACC power is supplied even after the ignition switch is turned to the OFF position, i.e. ACC power is supplied for a certain fixed time.
- When disconnecting the 12V battery terminal, turn off the ACC power before disconnecting the 12V battery terminal, observing “How to disconnect 12V battery terminal” described below.



RDE-001937075-01-EF289H



NOTE:

ECU may be active for several minutes after the power switch is turned OFF. If the battery terminal is removed before ECU stops, then a DTC detection error or ECU data corruption may occur.

- Disconnect 12V battery terminal according to the following steps. Even when the power switch is OFF, the 12V battery automatic charge control may automatically start.

CAUTION:

Do not remove the battery during the update as the software update cannot be completed normally if the battery is removed during the software update.

WORK PROCEDURE

1. Open the hood (LHD models) or the back door (RHD models).
2. Check that charge cable (including EVSE) is not connected to the charge port.



NOTE:

If charge cable (including EVSE) is connected, the air conditioning system may be automatically activated by the timer A/C function.

3. Turn the power switch OFF → ON → press the power switch for at least 2 seconds to turn the high voltage system OFF, and then check that the charging status indicator is not illuminated.



NOTE:

When the high voltage system is turned ON, the charging status indicator blinks green with a frequency of 1 second.

4. Get out of the vehicle. Close all doors {except the hood (LHD models) or the back door (RHD models)}.
5. Check that the combination meter turns OFF and wait for 5 minutes or more.

CAUTION: