

Your Ultimate Source for OEM Repair Manuals

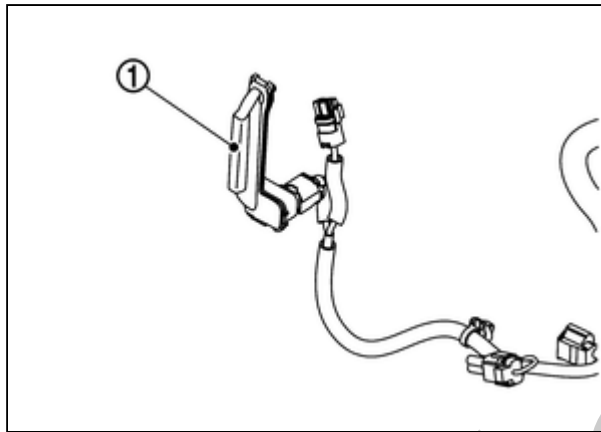
FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2014 NISSAN Armada OEM Service and Repair Workshop Manual

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FUNCTIONS WITHIN THE SYSTEM

The charge port light lights up inside in charge port lid to support the charge connector connection.



SIEMD-7198915-01-000358372

INDIVIDUAL OPERATION

Charge port light

: LED

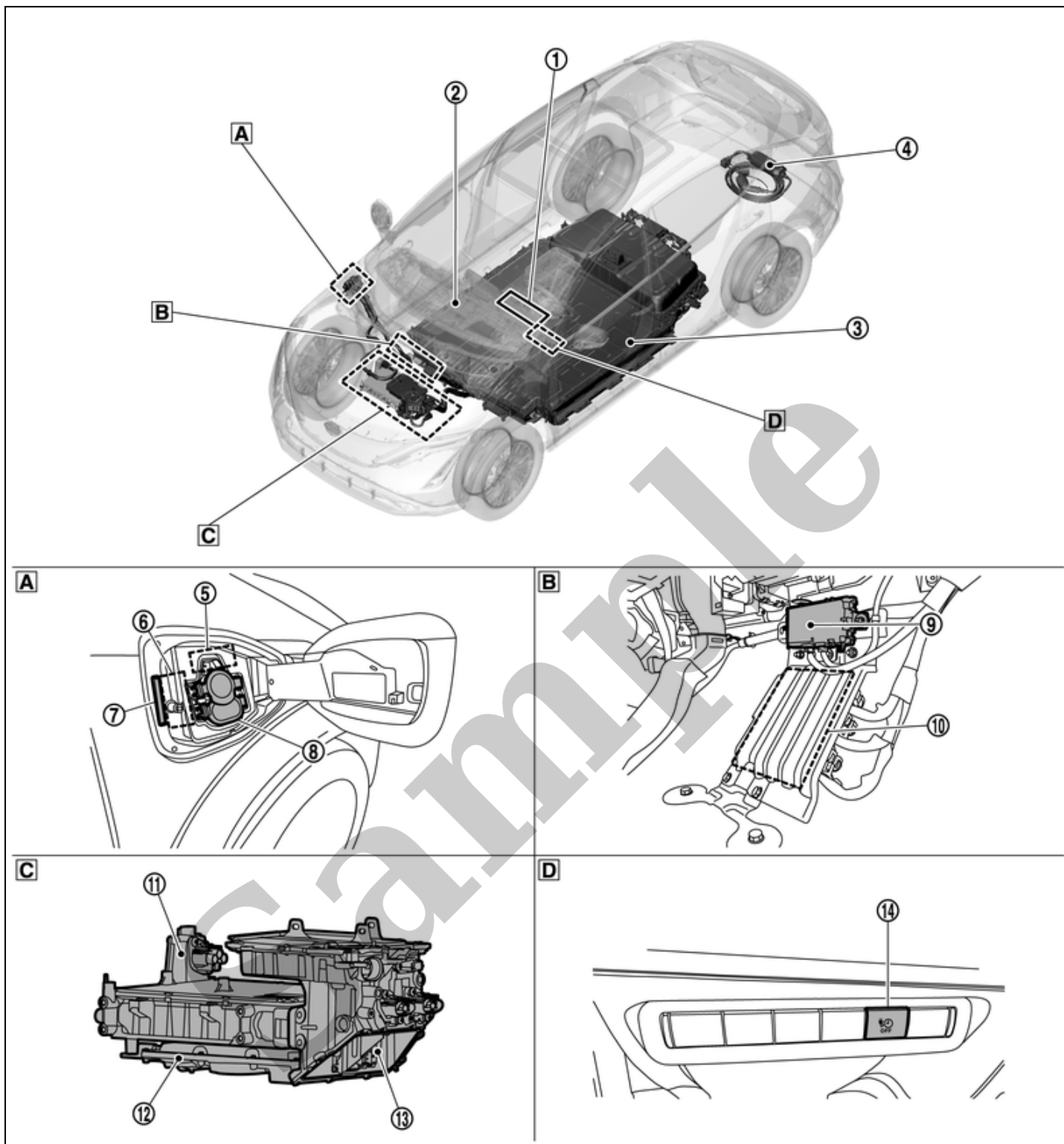
Operation

Charge port light is turned ON/OFF based on signal from VCM

PARTS LOCATION

Charge port light is installed into charge port lid.

Refer to [Specifications](#).

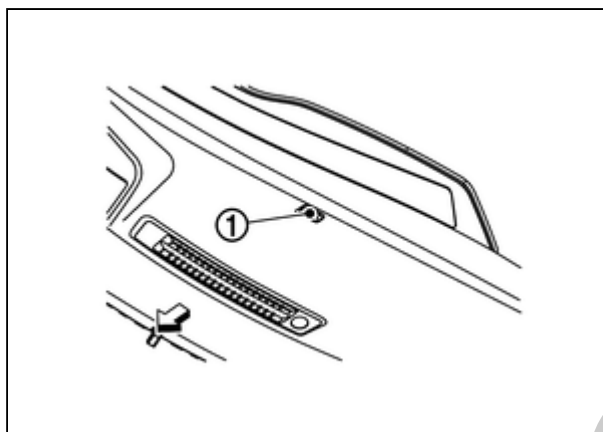


SIEMD-7198912-01-000377117

①	Combination meter	②	Charging status indicator	③	Li-ion battery
④	EVSE	⑤	Charge connector lock actuator	⑥	Charge port lid actuator
⑦	Charge port light	⑧	Charge port	⑨	CPLC
⑩	VCM	⑪	On-board charger	⑫	DC/DC converter
⑬	High voltage junction box	⑭	Immediate charging switch		
A	Vehicle right side	B	Under the front floor spacer	C	High voltage power delivery ASSY
D	Instrument lower panel LH				

FUNCTIONS WITHIN THE SYSTEM

Charging status indicator changing one indicator into 3 colors to display charge status of the Li-ion battery.



SIEMD-7198920-01-000362137

①	: Charging status indicator
←	: Vehicle front

INDIVIDUAL OPERATION

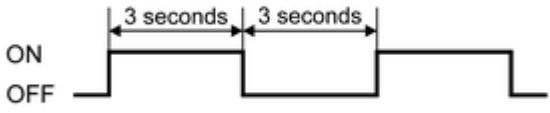
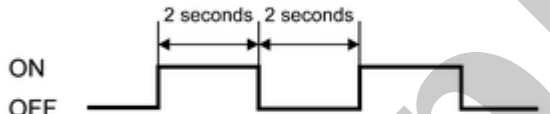
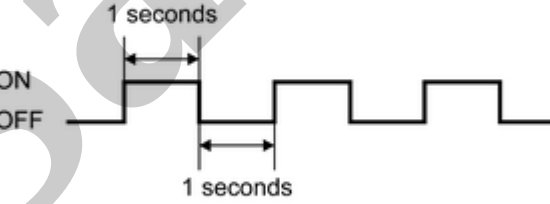
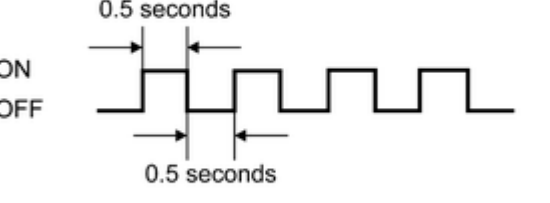
Charging station communication module turns ON/OFF/ BLINK according to control signal from VCM.

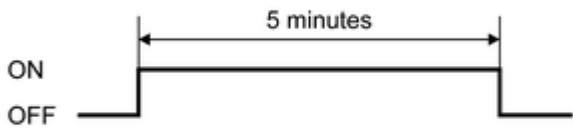

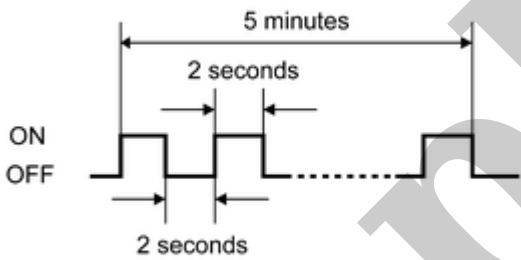
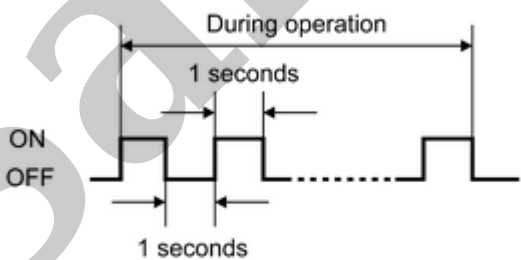
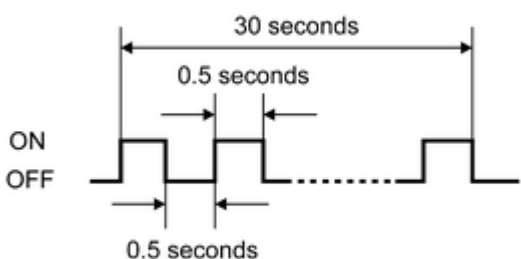
Operation

Charging status indicator is operated as follows;

Indicator illuminating pattern

Vehicle condition	Indicator lamp	Illuminating (blinking) time	Condition
Upon connecting charge connector	<p>ON OFF</p> <p style="text-align: center;">SIEMD-7198920-02-000377069</p>	Blue	OFF after 3 sec. maximum

Vehicle condition	Indicator lamp	Illuminating (blinking) time	Condition
During charge	 <p style="text-align: center;">SIEMD-7198920-03-000377070</p>	Blue	Battery level: 75-100%
	 <p style="text-align: center;">SIEMD-7198920-04-000377071</p>		Battery level: 50-74%
	 <p style="text-align: center;">SIEMD-7198920-05-000377072</p>		Battery level: 25-49%
	 <p style="text-align: center;">SIEMD-7198920-06-000377073</p>		Battery level: 0-24%

Vehicle condition	Indicator lamp	Illuminating (blinking) time	Condition
Full charge completed	 <p style="text-align: center;">SIEMD-7198920-07-000377074</p>	Blue	 NOTE: Charge may be continued even if battery level indicator displays 100% (Charge indicator is continuously blinking.)
Receiving timer charge	 <p style="text-align: center;">SIEMD-7198920-08-000377075</p>	Green	ON-OFF repeats for 5min.
During the following conditions while operating high electric system; *12 battery automatic charge *Timer/Remote(before getting in) A/C operates *Software updates *Upon disconnecting plug from output *While V2H discharges	 <p style="text-align: center;">SIEMD-7198920-09-000377076</p>	Green	Blinks during operation
Normal charge connector warning (half lock)	 <p style="text-align: center;">SIEMD-7198920-10-000377077</p>	Red	Blinks for 30 sec.

PARTS LOCATION

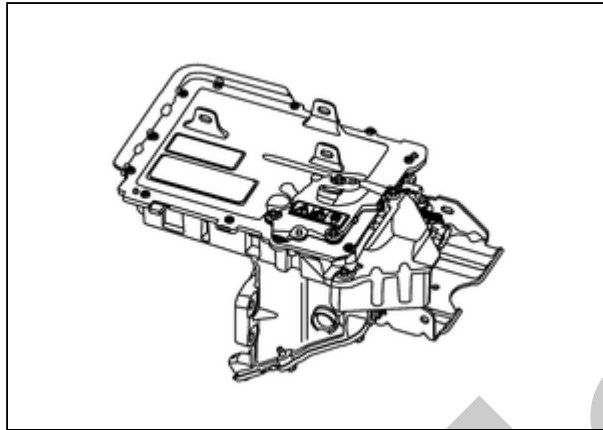
Charge status indicator is installed to upper side of instrument panel.

Refer to [Specifications](#).

Sample

FUNCTIONS WITHIN THE SYSTEM

High voltage junction box distributes high voltage power supply to each component parts, and has a built-in temperature sensor to transmit signal to VCM



SIEMD-7090524-01-000358365

INDIVIDUAL OPERATION

High voltage junction box sends high voltage power supply from Li-ion batter to the connected high voltage component parts such as DC/DC converter, electric compressor, etc..

Operation

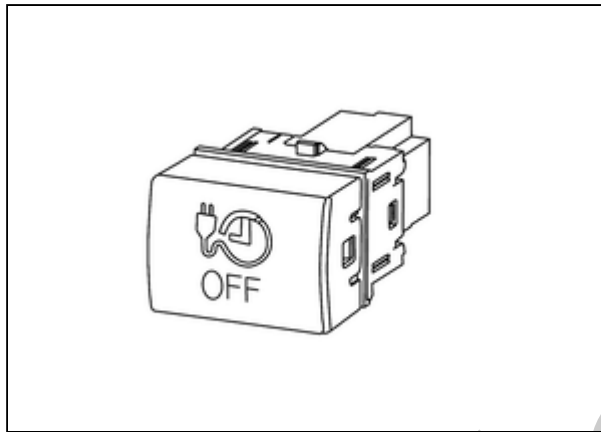
High voltage power supply from Li-ion battery is distributed.

PARTS LOCATION

High voltage junction box is installed to high voltage supply unit ASSY on the left side of vehicle in the motor room.

FUNCTIONS WITHIN THE SYSTEM

Charge can start immediately by operating immediate charging switch when timer charge is set.



SIEMD-7198927-02-000149336

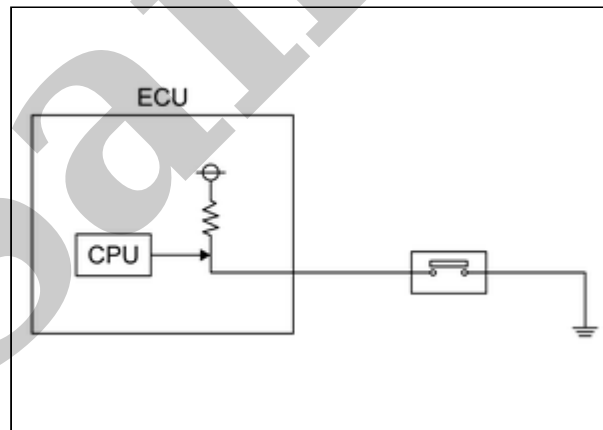
INDIVIDUAL FUNCTIONS WITHIN THE SYSTEM

The switch inputs immediate charging switch status to VCM.

INDIVIDUAL OPERATION

Momentary switch is adopted, and voltage is changed to 0 V and 5 V by turning the switch ON and OFF.

VCM reads the switch status according to potential change.



SIEMD-7198927-01-SNIB0766ZZ



NOTE:

Momentary switch: Turns ON only while switch is pressed, and returns to normal OFF state when switch is released.

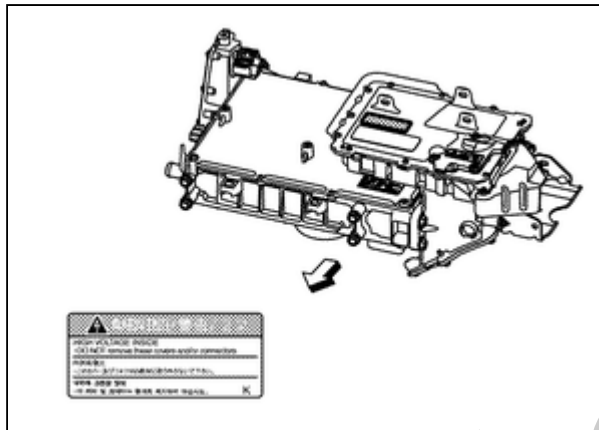
PARTS LOCATION

Immediate charging switch is installed to instrument lower panel.

Refer to [Specifications](#).

PARTS LOCATION

High voltage warning label is attached to upper front of high voltage junction box.



SIEMD-7090532-01-000362138



: Vehicle front

CAUTION:

When replacing high voltage junction box, attach the label to original position.