

Script.CAN.Nissan.e-NV200.VSKYAAME\_U0.2020.v1.0.1.3\_MG\_CANGO11092020

## NISSAN E-NV200 2020 CAN Script



### The compatibility of this script can only be guaranteed for:

1. NISSAN E-NV200 2020 model
2. Vehicles with a VIN Number that starts with: **VSKYAAME\_U0**

This script can be used with the following devices:

1. MiX 4000
2. MiX 6000
3. FM3316 and FM3306 Communicators
4. FM3517i and FM3507i Communicators
5. FM3617i and FM3607i Communicators
6. FM3717i and FM3707i Communicators
7. FM3817i and FM3807i Communicators

## Version History

Reference	Version	Changes
<a href="#">SCR-1535</a> <a href="#">SCR-1483</a>	v1.0.0.0	<p>This script supports the standard system Parameters:                      Speed, RPM, ECMST, Driver Seatbelt, Odometer, Odo sync, Brake Pedal, Park Brake, State of Charge, Battery temperature, Range, State of health, Capacity bars, Full capacity for quick charge, odo unit, Remain capacity for quick charge.</p> <p><b>The script should be compatible with vehicles with a VIN starting with: <span style="color: red;">VSKYAAME_U0</span></b></p>
<a href="#">EVF-14</a> <a href="#">EVF-13</a>	v1.0.0.1	<p>Changed parameter names to match new EV standard param names and descriptions.</p>
<a href="#">FE-2510</a>	v1.0.0.2	<p>Added parameters required for the energy logical device. The scaling values of the required parameters for the energy logical device have been changed to doubles.                      Note: This change will only take effect if the existing parameters with their current scaling values are deleted on the DynaMiX servers.</p>
<a href="#">SR-19966</a>	v1.0.1.3	<p>Corrected start bit for odo unit signal.                      Updated script to convert odometer parameter to kilometers if the CAN value is reported in miles.</p>
<a href="#">SR-19966</a>	V1.0.1.3	<p>Converted script to production version.</p>

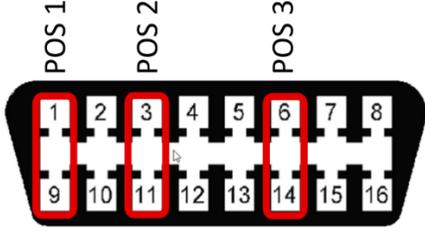
## Supported Parameters

ACRONYM	PARAMETER NAME	PARAMETER DESCRIPTION	Return values/states (if applicable)
CAN_V	System.Scratch40D	Road speed	
CAN_N	System.Scratch40C	Engine RPM	
SBLTS	System.FM.CAN.SBLTS	FM CAN: Seat Belt State	0 = Not available 1 = Disengaged 2 = Engaged
BRKPS	System.FM.CAN.BRKPS	FM CAN: Brake Pedal State	0 = Not available 1 = Disengaged 2 = Engaged
PBRKS	System.FM.CAN.PBRKS	FM CAN: Park Brake State	0 = Not available 1 = Disengaged 2 = Engaged
UP01C	UnifiedParameters.OdoUnit	Odo Unit - UP	0 = km 1 = miles
EVRNG	System.FM.CAN.EVRNG	EV CAN: Vehicle range remaining	
EBSOC	System.FM.CAN.EBSOC	EV CAN: State of charge	
EVSOH	System.FM.CAN.EVSOH	EV CAN: State of health	
BTTEM	System.FM.CAN.BTTEM	EV CAN: Battery Temperature	
EVBRB	System.FM.CAN.EVBRB	EV CAN: Battery Remaining Level Bars	0 – 15 Capacity bars
EVQCB	System.FM.CAN.EVQCB	EV CAN: Remaining Capacity of QuickCharge Bars	0 – 15 charge bars
EVFCQ	System.FM.CAN.EVFCQ	EV CAN: Full Capacity for QuickCharge	
EVRCQ	System.FM.CAN.EVRCQ	EV CAN: Remaining Capacity for QuickCharge	

## Installation Notes

1. **The script is NOT compatible with TRACERS**
2. The CAN jumpers must be in a position to ONLY allow **read** actions on the CAN bus (Passive Mode)
3. The script supports 11 bit CAN message identifier CAN headers.
4. The script only supports a CAN bus with a speed of 500 kbit/s CAN bus speed
5. Device Drivers: [BAS 1.70k - E15.08.27.xx](#) or later sets are supported

## Wiring and Installation Instructions

CAN bus location	<p>OBD2 #3, use Pin 6 and 14</p> 
Wire colours & details	No details
Can bus speed	CAN_500_kbps