

Script.CAN.EV.RENAULT.ZOE.E-TECH.VF1AG000\_70.v1.0.0.0\_MG

RENAULT ZOE E-TECH 2024 CAN Script



**The compatibility if this script can only be guaranteed for:**

1. RENAULT ZOE E-TECH 2024 model
2. Vehicles with a VIN Number that starts with: **VF1AG000\_70**

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
SCR-2668	v1.0.0.0	<p>This script supports the standard system Parameters:</p> <p>Speed, Odometer, Battery current charge power, Battery current discharge power, Charging status, Energy consumed, Energy generated, Current, Voltage, State of charge, State of health, Trip net energy usage, Range remaining, Ambient air temperature, Brake pedal, Cruise control, Dimmed light, Driver door 1, Driver door 2, High beam, Left indicator, Right indicator, Passenger door 1, Passenger door 2, Seat belt, Throttle pedal angle, Trunk door.</p> <p><b>The script should be compatible with vehicles with a VIN starting with: VF1AG000_70</b></p>
SCR-2668	v1.0.0.0	Converted to Production. Enabled Odo Sync.

## Supported Parameters

ACRONYM	PARAMETER NAME	PARAMETER DESCRIPTION	Return values/states (if applicable)
FMODO	System.FM.CAN.FMODO	FM CAN: Odometer	0 to 2 600 000 km
CAN_V	System.Scratch40D	Road speed	0 to 210 km/h
EBIEN	System.FM.CAN.EBIEN	EV CAN: Battery current charge power	0 to 4 294 967 295 kW
EBOEN	System.FM.CAN.EBOEN	EV CAN: Battery current discharge power	0 to 4 294 967 295 kW
EVICS	System.FM.CAN.EVICS	EV CAN: Charging status	-1 = Initialised 0 = Not charging 1 = Charging
BOKWH	System.FM.CAN.BOKWH	EV CAN: Energy consumed	0 to 4 294 967 295 kWh
BIKWH	System.FM.CAN.BIKWH	EV CAN: Energy generated	0 to 4 294 967 295 kWh
HVCUR	System.FMS.CAN.HVCUR	EV CAN: HVES current	-500 to 500 A
HVVOL	System.FMS.CAN.HVVOL	EV CAN: HVES voltage level	0 to 500 V
EBSOC	System.FM.CAN.EBSOC	EV CAN: State of charge	0 to 100 %
EVSOH	System.FM.CAN.EVSOH	EV CAN: State of health	0 to 100 %
TNETE	System.FM.CAN.TNETE	EV CAN: Trip net energy usage	0 to 429 496 729.5 kWh
EV RNG	System.FM.CAN.EV RNG	EV CAN: Vehicle range remaining	0 to 4 294 967 295 km
AMBAT	System.FM.CAN.AMBAT	FM CAN: Ambient Air Temperature	-40 to 210 °C
BRKPS	System.FM.CAN.BRKPS	FM CAN: Brake Pedal State	0 = Not Present 1 = Released 2 = Pressed
FCCST	System.FM.CAN.FCCST	FM CAN: Cruise Control State	0 = Off 2 = Enabled 3 = Active 6 = Not Available
DIMLS	System.FM.CAN.DIMLS	FM CAN: Dimmed light status	0 = Not Present 1 = On 2 = Off
DD01S	System.FM.CAN.DD01S	FM CAN: Driver Door 1	0 = Not Present 1 = Open 2 = Closed

DD02S	System.FM.CAN.DD02S	FM CAN: Driver Door 2	0 = Not Present 1 = Open 2 = Closed
HBLTS	System.FM.CAN.HBLTS	FM CAN: High beam light status	0 = Not Present 1 = On 2 = Off
LTSSI	System.FM.CAN.LTSSI	FM CAN: Left Turn Indicator	0 = Not Present 1 = On 2 = Off
PDOS1	System.FM.CAN.PDOS1	FM CAN: Passenger Door 1	0 = Not Present 1 = Open 2 = Closed
PDOS2	System.FM.CAN.PDOS2	FM CAN: Passenger Door 2	0 = Not Present 1 = Open 2 = Closed
RTSSI	System.FM.CAN.RTSSI	FM CAN: Right Turn Indicator	0 = Not Present 1 = On 2 = Off
SBLTS	System.FM.CAN.SBLTS	FM CAN: Seat Belt State	0 = Not Present 1 = Plugged In 2 = Not Plugged In
THRPA	System.FM.CAN.THRPA	FM CAN: Throttle Pedal Angle	0 to 100 %
DTS01	System.FM.CAN.DTS01	FM CAN: Trunk Door 1	0 = Not Present 1 = Open 2 = Closed

## 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	4) Behind Instrument Cluster
Wire colours & details	Grey/white (CANH), green/white (CANL) twisted wire - black connector
Can bus speed	CAN_500_kbps

