

Script.CAN.EV.RENAULT.MASTER.E-TECH.POS3.VF6VFE00_71.v1.0.1.1_MG

RENAULT MASTER EV E-TECH 2023 CAN Script



The compatibility of this script can only be guaranteed for:

1. RENUALT MASTER EV E-TECH 2023 model
2. Vehicles with a VIN Number that starts with: **VF6VFE00_71**

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-2669	v1.0.0.0	<p>This script supports the standard system Parameters:</p> <p>Trip net energy usage, Energy consumed, Energy generated, HVES current, Battery current charge power, Battery current discharge power, Vehicle range remaining, Charging status, State of charge, Instantaneous Power, Parking brake switch, Odometer, Road speed, Accelerator Pedal Position, Brake Pedal Switch, Driver Door 1, Passenger Door, Ambient Air Temperature, Wipers, High beam light status, Low beam light status, Left Turn Indicator, Right Turn Indicator, Gear Box Drive Mode.</p> <p>The script should be compatible with vehicles with a VIN starting with: VF6VFE00_71</p>
SCR-2669	v1.0.1.1	Integrated new signals, including Charging Status, Driver Seat Belt & Passenger Seat belt.
SCR-2669	v1.0.1.1	Converted script to Production & Enabled Odo Sync.

Supported Parameters

ACRONYM	PARAMETER NAME	PARAMETER DESCRIPTION	Return values/states (if applicable)
TNETE	System.FM.CAN.TNETE	EV CAN: Trip net energy usage	
BOKWH	System.FM.CAN.BOKWH	EV CAN: Energy consumed	
BIKWH	System.FM.CAN.BIKWH	EV CAN: Energy generated	
HVCUR	System.FMS.CAN.HVCUR	EV CAN: HVES current	
EBIEN	System.FM.CAN.EBIEN	EV CAN: Battery current charge power	
EBOEN	System.FM.CAN.EBOEN	EV CAN: Battery current discharge power	
EVRNG	System.FM.CAN.EVRNG	EV CAN: Vehicle range remaining	
EVICS	System.FM.CAN.EVICS	EV CAN: Charging status	-1 = Not Available 0 = Not Charging 1 = Charging 5 = Initializing 100 = Error 201 = Undefined
EBSOC	System.FM.CAN.EBSOC	EV CAN: State of charge	
INPOW	System.FM.CAN.INPOW	EV CAN: Instantaneous Power	
FMSPB	FMS.FMSPB	FMS Parking brake switch	
FMODO	System.FM.CAN.FMODO	FM CAN: Odometer	
CAN_V	System.Scratch40D	Road speed	
FMAPP	FMS.FMAPP	FMS AcceleratorPedalPosition	
FMBPS	FMS.FMBPS	FMS Brake Pedal Switch	0 = Not Available 1 = Depressed. 2 = Released.
DD01S	System.FM.CAN.DD01S	FM CAN: Driver Door 1	0 = Not Available 1 = Open. 2 = Closed.
PDOS1	System.FM.CAN.PDOS1	FM CAN: Passenger Door 1	0 = Not Available 1 = Open. 2 = Closed.

AMBAT	System.FM.CAN.AMBAT	FM CAN: Ambient Air Temperature	
W_FMS	FMS.W_FMS	FMS Wipers	0 = Not Available 1 = On. 2 = Off.
HBLTS	System.FM.CAN.HBLTS	FM CAN: High beam light status	0 = Not Available 1 = On. 2 = Off.
DIMLS	System.FM.CAN.DIMLS	FM CAN: Dimmed light status	0 = Not Available 1 = On. 2 = Off.
LTSSI	System.FM.CAN.LTSSI	FM CAN: Left Turn Indicator	0 = Not Available 1 = On. 2 = Off.
RTSSI	System.FM.CAN.RTSSI	FM CAN: Right Turn Indicator	0 = Not Available 1 = On. 2 = Off.
GBDRM	System.FM.CAN.GBDRM	FM CAN: Gear Box Drive Mode	0 = Not Available 1 = Reverse. 2 = Neutral. 7 = Drive
SBLTS	System.FM.CAN.SBLTS	FM CAN: Seat Belt State	0 = Not Available 1 = Engaged 2 = Not Engaged
PSBLT	System.FM.CAN.PBELT	FM CAN: Passenger Seat Belt Status	0 = Not Available 1 = Engaged 2 = Not Engaged

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 headers.
4. The script only supports a CAN bus with a speed of 500 kb/s
5. Device Drivers: [BAS 1.70k - E15.08.27.xx](#) or later sets are supported

Wiring and Installation Instructions

CAN bus location	OBD2 #3
Wire colours & details	<p>OBD 6&14</p> 
Can bus speed	CAN_500_kbps
	