

Script.CAN.SOLARIS.URBINO-12-HYDROGEN.POS5.SUU24116_MB.v1.0.0.0_MG

SOLARIS URBINO 12 HYDROGEN 2021 CAN Script



The compatibility if this script can only be guaranteed for:

1. SOLARIS URBINO-12-HYDROGEN 2021 model
2. Vehicles with a VIN Number that starts with: **SUU24116_MB**

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-2661	v1.0.0.0	<p>This script supports the standard system Parameters:</p> <p>Energy consumed, Energy generated, HVES voltage level, HVES current, Displayed H2 Tank Pressure, State of charge, Interior Temperature, Accelerator Pedal Position, Road speed, Brake Pedal Position, Current Gear, Gross Vehicle Weight, High-Res Trip Distance, High resolution odometer, Park Brake Switch, Brake Pedal Switch, Ambient Air Temperature, Brake Lining Axle 1 Left, Brake Lining Axle 1 Right, Brake Lining Rear 2 Axle 1 Left, Brake Lining Rear 2 Axle 1 Right, Fuel Cell Voltage, Fuel Cell Current, Auxiliary battery voltage</p> <p>The script should be compatible with vehicles with a VIN starting with: SUU24116_MB</p>
SCR-2661	v1.0.0.0	Convert script to Production and Enabled Odo sync.


Supported Parameters

ACRONYM	PARAMETER NAME	PARAMETER DESCRIPTION	Return values/states (if applicable)
BOKWH	System.FM.CAN.BOKWH	EV CAN: Energy consumed	
BIKWH	System.FM.CAN.BIKWH	EV CAN: Energy generated	
HVVOL	System.FMS.CAN.HVVOL	EV CAN: HVESS voltage level	
HVCUR	System.FMS.CAN.HVCUR	EV CAN: HVESS current	
FMTPR	System.FM.CAN.FMTPR	FC CAN: H2 Tank Pressure	
EBSOC	System.FM.CAN.EBSOC	EV CAN: State of charge	
INTEM	FMS.INTEM	FMS Interior Temperature	
FMAPP	FMS.FMAPP	FMS AcceleratorPedalPosition	
CAN_V	System.Scratch40D	Road speed	
FMSPP	FMS.FMSPP	FMS Brake Pedal Position	
FMSGR	FMS.FMSGR	FMS Current Gear	
GRSVW	System.CAN.GRSVW	Gross Vehicle Weight	
HRTRP	FMS.HRTRP	High-Res Trip Distance	
HRESO	FMS.HRESO	FMS High resolution odometer	
FMSPB	FMS.FMSPB	FMS Parking brake switch	0 = Released 1 = Pressed 2 = Error 3 = Not Available
FMBPS	FMS.FMBPS	FMS Brake Pedal Switch	0 = Released 1 = Pressed 2 = Error 3 = Not Available
AMBAT	System.FM.CAN.AMBAT	FM CAN: Ambient Air Temperature	
CBL1L	CAN.CBL1L	FM Brake Lining Axle 1 Left	
CBL1R	CAN.CBL1R	FM Brake Lining Axle 1 Right	
BL21L	CAN.BL21L	FM Brake Lining Rear 2 Axle 1 Left	
BL21R	CAN.BL21R	FM Brake Lining Rear 2 Axle 1 Right	
FMFCV	System.FMS.CAN.FMFCV	FC CAN: Fuel Cell Voltage	
FMFCC	System.FMS.CAN.FMFCC	FC CAN: Fuel Cell Current	
AUXBV	System.FM.CAN.AUXBV	EV CAN: Auxiliary battery voltage	

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 29-bit CAN headers.
4. The script only supports a CAN bus with a speed of 250 kb/s
5. Device Drivers: [BAS 1.70k - E15.08.27.xx](#) or later sets are supported

Wiring and Installation Instructions

CAN bus location	5) Other
Wire colours & details	<p>Red - CANH, Blue - CANL twisted wires</p> 
Can bus speed	CAN_250_kbps