Script.CAN.MERCEDES-BENZ.OF917.POS4.MEC0024T_LP.V1.0.0.0

Mercedes Benz OF 917 Bus Chassis 2021 CAN Script

The compatibility if this script can only be guaranteed for:

1. Mercedes Benz-Chassis OF 917 2021.
2. Chassis with a VIN Number that starts with: **MEC0024T_LP**

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
ESCR-134	v1.0.0.0	This script supports the standard system Parameters: Vehicle Speed, Engine Speed, MIL: Amber Warning Light, MIL: Red Warning Light, FMS Brake Pedal Switch, MIL: Protect Light, FMS Active Diagnostic Trouble Codes, FMS engine torque, FMS Accelerator Pedal Position, FMS DM Engine Oil Pressure, FMS Engine Coolant Temperature, FMS High resolution odometer, FMS Fuel Level, FMS Clutch Switch, FMS After treatment 1 SCR Catalyst Tank Level, FMS Engine fault. **The script should be compatible with chassis with a VIN starting with: MEC0024T_LP** Converted script to production version.

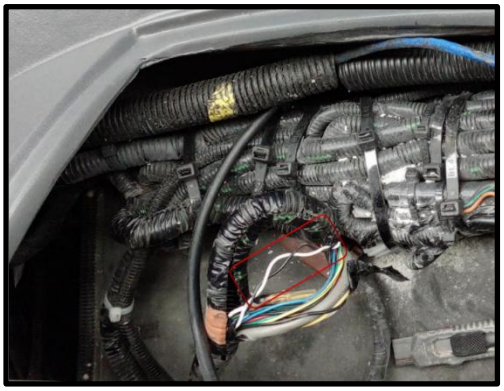
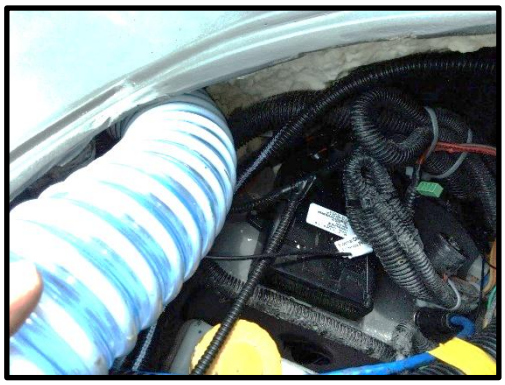
Supported Parameters

ACRONYM	PARAMETER NAME	PARAMETER DESCRIPTION	Return values/states (if applicable)
CANV3	CAN.CANV3	CANV3 - Front Axle Left Wheel Speed	
CAN_N	System.Scratch40C	Engine RPM	
DM1DA	FMS.DM1DA	FMS Active Diagnostic Trouble Codes	
FMSTQ	FMS. FMSTQ	FMS Engine torque	0 -100%
FMSA1	FMS.FMSA1	FMS Aftertreatment 1 SCR Catalyst Tank Level	0 – 100%
FMSCT	FMS.FMSCT	FMS Engine Coolant Temperature	40 - 210 °C
FMEOP	FMS.FMEOP	FMS DM Engine Oil Pressure	0 - 1000 kPa
HRESD	FMS.HRESD	FMS High resolution odometer	
FMBPS	FMS.FMBPS	FMS Brake Pedal Switch	0 = On 1 = Off
FMAPP	FMS.FMAPP	FMS AcceleratorPedalPosition	0 – 100%
FMSCS	FMS.FMSCS	FMS Clutch Switch	0 = Disengaged 1 = Engaged
FMSFL	FMS.FMSFL	FMS Fuel level	0 – 100%
FMMIL	FMS.FMMIL	FMS Engine fault	0 = Off 1 = On 2 = Reserved 3 = NA
REDWL	System.FM.CAN.REDWL	MIL: Red Warning Light	0 = Off 1 = On 2 = Reserved 3 = NA
AMBWL	System.FM.CAN.AMBWL	MIL: Amber Warning Light	0 = Off 1 = On 2 = Reserved 3 = NA
MILPR	System.FM.CAN.MILPR	MIL: Protect Light	0 = Off 1 = On 2 = Reserved 3 = NA

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 message identifier CAN headers.
4. The script only supports a CAN bus with a speed of 250 kbit/s CAN bus speed
5. Device Drivers: BAS 1.70k - E15.08.27.xx or later sets are supported
6. Both scripts can/should connect to the same install point.

Wiring and Installation Instructions

CAN bus location 1	4) Behind the Instrument Cluster.
Wire Colors & Details	CAN H - White CAN L – Black    
Can bus speed	CAN_250_kbps