Script.SERIAL.SPTRANS.v1.0.0.0

SPTRANS Serial Script

This is not a vehicle specific script.

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-137](#)	v1.0.0.0	This script reads CAN data from a CAN script and writes it in the OBC serial interface following the J1939 format. This script supports the following standard parameters: Speed, Engine speed, Odometer, Engine Hours, Brake Pedal Position, Accelerator Pedal Position, Brake Switch, Parking Brake Switch, Clutch Switch, Engine Coolant Temperature, Engine Oil Pressure, Fuel Level, Fuel Consumption, Bus Door Position Status, Wipers, Cab Interior Temperature, Ambient Air Temperature, Specific Humidity, Soot 1 Load, Ash 1 Load, Soot 2 Load, Ash 2 Load, Vehicle Weight Axle Total, Tire Location, Tire Temperature, Tire Pressure. Script works in conjunction with: [Script.CAN.J1939_SPTRANS.250KBPS.ACK_ENBL.1.0.0.0_MG](#)

Supported Parameters

No event in MFM should be created for this script. The script acts as a gateway for the parameters listed in the Version History section.

Installation Notes

1. **The script is NOT compatible with TRACERS**
2. Any device connected to the serial interface must be configured to:
   - Baud Rate: 115200
   - Byte Length: 8 bits
   - Flow Control: None
   - Parity: None
   - Stop Bits: 1 bit