Script.CAN.ISUZU.DMAX.POS4.MPATFS40_MG.v1.16.4.1_MG

ISUZU D-MAX 2021 CAN Script

The compatibility if this script can only be guaranteed for:

1. ISUZU D-MAX 2021 models.
2. Vehicles with a VIN Number that starts with: **MPATFS40_MG**

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-1951	v1.15.1.0	This script supports the standard system Parameters: Speed, RPM, Fuel, ECMST, Driver Seatbelt, Brake Pedal, Driver Door Front, Headlight, Left Turn Indicator, Right Turn Indicator, Odo, Park Brake. **The script should be compatible with vehicles with a VIN starting with: MPATFS40_MG**
SCR-2069	v1.16.1.0	Added Gearbox signals.
SR-16724	V1.16.2.0	Inverted Seatbelt Signal to Match the Parameter Return States column.
SR-20326	v1.16.3.1	Updated speed signals. Removed Odo unit logic.
SR-20326	v1.16.4.1	Swapped speed signal priority. Added logic to indicate speed source used.

POWER❂FLEET
People Powered AIoT

Supported Parameters

ACRONYM	PARAMETER NAME	PARAMETER DESCRIPTION	Return values/states (if applicable)
CAN_V	System.Scratch40D	Road speed	
CANV1	CAN.CANV1	CANV1 - Tachograph vehicle speed	*VehicleSpeed_P2 value
CANV2	CAN.CANV2	CANV2 - Wheel based speed	*VehicleSpeed_P1 value
CAN_N	System.Scratch40C	Engine RPM	
CANFE	System.CAN.FuelRate	Fuel Rate	
FMODO	System.FM.CAN.FMODO	FM CAN: Odometer	
SBLTS	System.FM.CAN.SBLTS	FM CAN: Seat Belt State	0 = NOT PRESENT 1 = PLUGGED IN 2 = UNPLUGGED
BRKPS	System.FM.CAN.BRKPS	FM CAN: Brake Pedal State	0 = NOT PRESENT 1 = DISENGAGED 2 = ENGAGED
HDLTS	System.FM.CAN.HDLTS	FM CAN: Head Light State	-1 = NOT PRESENT 0 = OFF 2 = ON
DD01S	System.FM.CAN.DD01S	FM CAN: Driver Door 1	0 = NOT PRESENT 1 = OPEN 2 = CLOSED
LTSSI	System.FM.CAN.LTSSI	FM CAN: Left Turn Indicator	0 = NOT PRESENT 1 = OFF 2 = ON
RTSSI	System.FM.CAN.RTSSI	FM CAN: Right Turn Indicator	0 = NOT PRESENT 1 = OFF 2 = ON
PBRKS	System.FM.CAN.PBRKS	FM CAN: Park Brake State	0 = NOT PRESENT 1 = DISENGAGED 2 = ENGAGED
GBDM2	System.FM.CAN.GBDM2	FM CAN: Gear Box Mode Reverse	0 = DISENGAGED / NOT PRESENT 2 = ENGAGED

GBDM4	System.FM.CAN.GBDM4	FM CAN: Gear Box Mode Drive	0 = DISENGAGED / NOT PRESENT 4 = ENGAGED
AVSSG	System.CAN.AVSSG	Active Vehicle Speed Signal	0 = NOT AVAILABLE 1 = VehicleSpeed_P2 2 = VehicleSpeed_P1

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	Blue – CANH Yellow - CANL
Can bus speed	CAN_500_kbps