

CHRYSLER LA CAN Script

The compatibility of this script can only be guaranteed for:

1. **Vehicles part of the Chrysler LA platform**

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-2641	v1.19.1.0	This script supports the standard system Parameters: Odometer, Fuel level, Engine RPM, Brake Pedal Switch, Road speed, Gear Box Mode Drive, Gear Box Mode Park, Gear Box Mode Reverse, Gear Box Mode Neutral, Gear Box Mode Drive, Seat Belt State, Passenger Seat Belt Status, Driver Door 1, Passenger Door 1, Driver Door 2, Passenger Door 2, Trunk Door 1, Park Brake State, Right Turn Indicator, Left Turn Indicator, High beam light status, Dimmed light status, Front fog light status, Wipers, Accelerator Pedal Position, Cruise Control Active, Engine Coolant Temperature.
SCR-2641	v1.19.2.1	Added timeout to RPM and Road Speed. Also removed Odo km to mile conversion.
SCR-2641	v1.19.2.1	Converted to Production. Odo sync enabled.



Supported Parameters

ACRONYM	PARAMETER NAME	PARAMETER DESCRIPTION	Return values/states (if applicable)
FMODO	System.FM.CAN.FMODO	FM CAN: Odometer	
CANFE	System.CAN.FuelRate	Fuel Rate	
FULLI	System.FM.CAN.FULLI	FM CAN: Fuel Tank Level (Litre)	
CAN_N	System.Scratch40C	Engine RPM	
FMBPS	FMS.FMBPS	FMS Brake Pedal Switch	0 = NOT PRESENT 1 = DEPRESSED 2 = RELEASED
CAN_V	System.Scratch40D	Road speed	
GBDRM	System.FM.CAN.GBDRM	FM CAN: Gear Box Drive Mode	0 = NOT PRESENT 1 = PARK 2 = REVERSE 3 = NEUTRAL 4 = DRIVE
GBDM1	System.FM.CAN.GBDM1	FM CAN: Gear Box Mode Park	0 = OFF 1 = ON
GBDM2	System.FM.CAN.GBDM2	FM CAN: Gear Box Mode Reverse	0 = OFF 2 = ON
GBDM3	System.FM.CAN.GBDM3	FM CAN: Gear Box Mode Neutral	0 = OFF 3 = ON
GBDM4	System.FM.CAN.GBDM4	FM CAN: Gear Box Mode Drive	0 = OFF 4 = ON
SBLTS	System.FM.CAN.SBLTS	FM CAN: Seat Belt State	0 = NOT PRESENT 1 = PLUGGED IN 2 = UNPLUGGED
PSBLT	System.FM.CAN.PBELT	FM CAN: Passenger Seat Belt Status	0 = NOT PRESENT 1 = PLUGGED IN 2 = UNPLUGGED
DD01S	System.FM.CAN.DD01S	FM CAN: Driver Door 1	0 = NOT PRESENT 1 = OPEN 2 = CLOSED



PDOS1	System.FM.CAN.PDOS1	FM CAN: Passenger Door 1	0 = NOT PRESENT 1 = OPEN 2 = CLOSED
DD02S	System.FM.CAN.DD02S	FM CAN: Driver Door 2	0 = NOT PRESENT 1 = OPEN 2 = CLOSED
PDOS2	System.FM.CAN.PDOS2	FM CAN: Passenger Door 2	0 = NOT PRESENT 1 = OPEN 2 = CLOSED
DTS01	System.FM.CAN.DTS01	FM CAN: Trunk Door 1	0 = NOT PRESENT 1 = OPEN 2 = CLOSED
PBRKS	System.FM.CAN.PBRKS	FM CAN: Park Brake State	0 = NOT PRESENT 1 = DISENGAGED 2 = ENGAGED
RTSSI	System.FM.CAN.RTSSI	FM CAN: Right Turn Indicator	0 = NOT PRESENT 1 = ON 2 = OFF
LTSSI	System.FM.CAN.LTSSI	FM CAN: Left Turn Indicator	0 = NOT PRESENT 1 = ON 2 = OFF
HBLTS	System.FM.CAN.HBLTS	FM CAN: High beam light status	0 = NOT PRESENT 1 = ON 2 = OFF
DIMLS	System.FM.CAN.DIMLS	FM CAN: Dimmed light status	0 = NOT PRESENT 1 = ON 2 = OFF
FFOGL	System.FM.CAN.FFOGL	FM CAN: Front fog light status	0 = NOT PRESENT 1 = ON 2 = OFF
W_FMS	FMS.W_FMS	FMS Wipers	0 = NOT PRESENT 1 = ON 2 = OFF
FMAPP	FMS.FMAPP	FMS AcceleratorPedalPosition	
FMSCC	FMS.FMSCC	FMS Cruise Control Active	0 = NOT PRESENT 1 = ON 2 = OFF
FM SCT	FMS.FM SCT	FMS Engine Coolant Temperature	



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	For Vehicle Specification details, see: FCA_Dodge_PWR_500k_LO_KZ_MixExp_v02
Wire colours & details	No Details
Can bus speed	CAN_500_kbps

