Script.CAN.FORD.TAURUS.POS4.1FAHP2D8_JG.v1.0.3.11_DC

Ford Taurus 2019 CAN Script

The compatibility if this script can only be guaranteed for:

1. Ford Taurus 2019 model
2. Vehicles with a VIN Number that starts with: **1FAHP2D8_JG**

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-968	V1.0.0.8	This script supports the standard system Parameters: Speed, RPM, Fuel, ECMST, Brake Pedal, Driver Door, Headlight. **The script should be compatible with vehicles with a VIN starting with: 1FAHP2D8_JG**
SCR-2667	V1.0.1.9	Added cruise control signal, gear box mode and odometer
SCR-2667	V1.0.2.10	Adjusted signal definitions based on new specification. Cruise control logic and outputs altered. All seatbelt and door states now included.
SCR-2667	V1.0.3.11	Removed Fuel level and ambient temperature parameters as per BETA testing. Added odo sync. Converted to Production.

Supported Parameters

ACRONYM	PARAMETER NAME	PARAMETER DESCRIPTION	Return values/states (if applicable)
ECMST	System.ECMST	Electronic Control Module Status	
CAN_N	System.Scratch40C	Engine RPM	
FMODO	System.FM.CAN.FMODO	FM CAN: Odometer	0 to 16 777 210 Km
CAN_V	System.Scratch40D	Road speed	
CANFE	System.CAN.FuelQuantity	CAN Fuel Quantity	
AMBAP	System.FM.CAN.AMBAP	FM CAN: Ambient Air Pressure	0 to 1.14 bar
BRKPS	System.FM.CAN.BRKPS	FM CAN: Brake Pedal State	0 = Not available 1 = Pressed 2 = released
CDRLS	System.FM.CAN.CDRLS	FM CAN: Central Door Lock State	0 = Deadlocked 1 = Locked 2 = All doors unlocked 3 = Driver's door unlocked
FCCBS	System.FM.CAN.FCCBS	FM CAN: Cruise Control Brake Status	0 = Not allowed 1 = Driver not braking 2 = Driver braking 3 = Not allowed
FCCOS	System.FM.CAN.FCCOS	FM CAN: Cruise Control Override State	0 = Not overriden 1 = Overridden
FCCST	System.FM.CAN.FCCST	FM CAN: Cruise Control State	0 = Off 1 = Denied 2 = Standby Denied 3 = Standby 4 = Active Queue Assist 5 = Active 6-7 = Undefined
DBBLT	System.FM.CAN.DBBLT	FM CAN: Driver Back Seat Belt	0 = Not Present 1 = Plugged In 2 = Not Plugged In
DD01S	System.FM.CAN.DD01S	FM CAN: Driver 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

GBDRM	System.FM.CAN.GBDRM	FM CAN: Gear Box Drive Mode	0 = Park 1 = Reverse 2 = Neutral 3 = Drive 4=Sport 5 = Low 6 = 1st 7 = 2nd 8 = 3rd 9 = 4th 10 = 5th 11 = 6th 12 = 7th 13 = 8th 14 = Unknown 15 = Fault
HDLTS	System.FM.CAN.HDLTS	FM CAN: Head Light State	0 = Not present 1 = On 2 = Off
HDSWT	System.FM.CAN.HDSWT	FM CAN: Hood Switch	0 = Not Present 1 = Open 2 = Closed
LTSSI	System.FM.CAN.LTSSI	FM CAN: Left Turn Indicator	0 = Not Present 1 = On 2 = Off
PBRKS	System.FM.CAN.PBRKS	FM CAN: Park Brake State	0 = Not Present 1 = Engaged 2 = Disengaged
PBBLT	System.FM.CAN.PBBLT	FM CAN: Passenger Back Seat Belt	0 = Not Present 1 = Plugged In 2 = Not Plugged In
PDOS1	System.FM.CAN.PDOS1	FM CAN: Passenger Door 1	0 = Not Present 1 = Open 2 = Closed
PDOS2	System.FM.CAN.PDOS2	FM CAN: Passenger Door 2	0 = Not Present 1 = Open 2 = Closed
PSBLT	System.FM.CAN.PBELT	FM CAN: Passenger Seat Belt Status	0 = Not Present 1 = Plugged In 2 = Not Plugged In
PWSNS	System.FM.CAN.PWSNS	FM CAN: Passenger Weight Sensor	0 = Not Present 1 = Occupied 2 = Empty
RMBLT	System.FM.CAN.RMBLT	FM CAN: Rear Middle Seat Belt	0 = Not Present 1 = Plugged In 2 = Not Plugged In

RTSSI	System.FM.CAN.RTSSI	FM CAN: Right Turn Indicator	0 = Not Present 1 = On 2 = Off
SBLTS	System.FM.CAN.SBLTS	FM CAN: Seat Belt State	0 = Not Present 1 = Plugged In 2 = Not Plugged In
TRPSB	System.FM.CAN.TRPSB	FM CAN: Third Row Driverside Seat Belt	0 = Not Present 1 = Plugged In 2 = Not Plugged In
TRDSB	System.FM.CAN.TRDSB	FM CAN: Third Row Middle Seat Belt	0 = Not Present 1 = Plugged In 2 = Not Plugged In
TRMSB	System.FM.CAN.TRMSB	FM CAN: Third Row Passengerside Seat Belt	0 = Not Present 1 = Plugged In 2 = Not Plugged In
DTS01	System.FM.CAN.DTS01	FM CAN: Trunk Door 1	0 = Not Present 1 = Open 2 = Closed
FMAPP	FMS.FMAPP	FMS AcceleratorPedalPosition	0 to 100 %
FMSCC	FMS.FMSCC	FMS Cruise Control Active	0 = Not active 1 = Keeping speed 2 = Accelerating 3 = Decelerating 4 = Resuming high 5 = Resuming low 6 = Tap up waiting 7 = Tap down waiting
FMCCS	FMS.FMCCS	FMS Cruise Control Set Speed	0 to 250.
FMEOT	FMS.FMEOT	FMS DM Engine Oil Temperature	-273 to 1 734.968 75 °C
FMSCT	FMS.FMSCT	FMS Engine Coolant Temperature	-40 to 1 734.968 75 °C

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	WHITE CAN LOW 2.3 V - BLUE CAN HIGH 2.7 V
Can bus speed	500 kbit/s CAN bus speed