

Script.CAN.J1939.BCI.FBC6133CRS1.6KT1DC11_GX.ACK_ENBL.v1.0.1.1_MG

BCI FBC6133CRS1 2017-2018 CAN Script



The compatibility if this script can only be guaranteed for:

1. BCI FBC6133CRS1 2017-2018 model
2. Vehicles with a VIN Number that starts with: **6KT1DC11_GX & 6KT1DC11_JX**

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-62	v1.0.0.0	<p>First version of script based on <i>Script.CAN.J1939.250KBPS.ACK_ENBL.v1.28.0.6_MG</i>. Adjusted CAN mask header in XML to include ECU ID. Specified ECU IDs for several CAN message IDs in to filter out messages from ECUs reporting inaccurate data.</p> <p>The script should be compatible with vehicles with a VIN starting with: 6KT1DC11_GX and 6KT1DC11_JX</p>
SCR-2698	V1.0.1.1	<p>Converted script to Production, removed parameters with no data and disabled Odo sync.</p>

Supported Parameters

ACRONYM	PARAMETER NAME	PARAMETER DESCRIPTION	Return values/states (if applicable)
FMSTQ	FMS.FMSTQ	FMS Engine torque	
DM1DA	FMS.DM1DA	FMS Active Diagnostic Trouble Codes	
DM2PA	FMS.DM2PA	FMS Previously Active Trouble Codes	
FMSRT	FMS.FMSRT	FMS Retarder Torque	
FMSP	FMS.FMSP	FMS Brake Pedal Position	
FMSA1	FMS.FMSA1	FMS Aftertreatment 1 SCR Catalyst Tank Level	
SBAP1	FMS.SBAP1	FMS Service Brake Air Pressure Circuit 1	
SBAP2	FMS.SBAP2	FMS Service Brake Air Pressure Circuit 2	
FMSFD	FMS.FMSFD	FMS Fan Drive State	0000b = Fan off 0001b = Engine system-General 0010b = Excessive engine air temperature 0011b = Excessive engine oil temperature 0100b = Excessive engine coolant temperature 0101b = Excessive transmission oil temperature 0110b = Excessive hydraulic oil temperature 0111b = Default Operation 1000b = Reverse Operation 1001b = Manual control 1010b = Transmission retarder 1011b = A/C system 1100b = Timer 1101b = Engine brake 1110b = Other 1111b = Not available
FMTEH	FMS.FMTEH	FMS DM Total Engine Hours	

AXLW0	FMS.AXLW0	FMS Vehicle Weight Axle 0	
AXLW1	FMS.AXLW1	FMS Vehicle Weight Axle 1	
FMSCT	FMS.FMSCT	FMS Engine Coolant Temperature	
FMSCL	FMS.FMSCL	FMS Coolant Level	
FMSOP	FMS.FMSOP	FMS DM Engine Oil Pressure	
FMSBV	FMS.FMSBV	FMS Battery Voltage	
FMBPS	FMS.FMBPS	FMS Brake Pedal Switch	00b = Brake pedal released 01b = Brake pedal depressed 10b = Error 11b = Not Available

FMSPT	FMS.FMSPT	FMS PTO State	00000b = Off/Disabled 00001b = Hold 00010b = Remote Hold 00011b = Standby 00100b = Remote Standby 00101b = Set 00110b = Decelerate/Coast 00111b = Resume 01000b = Accelerate 01001b = Accelerator Override 01010b = Preprogrammed set speed 1 01011b = Preprogrammed set speed 2 01100b = Preprogrammed set speed 3 01101b = Preprogrammed set speed 4 01110b = Preprogrammed set speed 5 01111b = Preprogrammed set speed 6 10000b = Preprogrammed set speed 7 10001b = Preprogrammed set speed 8 10010b = PTO set speed memory 1 10011b = PTO set speed memory 2 10100b = PTO set speed memory 3 10101b - 11110b = Reserved 11111b = Not available
FMSCC	FMS.FMSCC	FMS Cruise Control Active	00b = Cruise control switched off 01b = Cruise control switched on 10b = Error 11b = Not available
FMSCS	FMS.FMSCS	FMS Clutch Switch	00b = Clutch pedal released 01b = Clutch pedal depressed 10b = Error 11b = Not available
TTDW1	CAN.TELLTALE.TTDW1	TT: DWORD 1	

TTDW2	CAN.TELLTALE.TTDW2	TT: DWORD 2	
B#S##	CAN.TELLTALE.B#S##	TT: Block # Status ## (Block 0-3, Status 1-15)	0 = Off. 1 = Condition Red. 2 = Condition Yellow. 3 = Condition Info. 4-6 = Reserved. 7 = Not available.
FMMIL	FMS.FMMIL	FMS Engine fault	
FMAPP	FMS.FMAPP	FMS AcceleratorPedalPosition	
CANTF	System.CAN.CANTF	Total fuel pulses for trip	
OSTTT	System.CAN.OSTTT	One second timer trigger	
FMSPB	FMS.FMSPB	FMS Park Brake Switch	00b = Parking brake not set 01b = Parking brake set 10b = Error 11b = Not available
HRESO	FMS.HRESO	FMS High resolution odometer	
RAWFL	System.CAN.RAWFL	Raw FEE9 Life Fuel	
PTOEN	FMS.PTOEN	FMS At Least One PTO Engaged	
GRSVW	System.CAN.GRSVW	Gross Vehicle Weight	
BRKPP	FMS.BRKPP	FMS Brake Primary Pressure	
BRKSP	FMS.BRKSP	FMS Brake Secondary Pressure	

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 headers.
4. The script only supports a CAN bus with a speed of 250 kb/s
5. Device Drivers: [BAS 1.70k - E15.08.27.xx](#) or later sets are supported

Wiring and Installation Instructions

CAN bus location	5) Other
Wire colours & details	No Details
Can bus speed	CAN_250_kbps