

FORD LDM Localization - 功能 #2595

功能 # 2519 (已关闭): Ford_SYSR: System Requirement

Ford_SYSR : FS_REQ0074_V2 LIN Configuration Frame Definition

2024-10-24 19:56 - 玉洁 金

状态:	已关闭	开始日期:	2024-10-29
优先级:	普通	计划完成日期:	2024-11-07
指派给:	槐 杨	% 完成:	100%
类别:		预期时间:	0.00 小时
目标版本:	H003_SW0007169.A001.8	耗时:	0.00 小时

描述

Front LDM Config Ford Supported (BCM LIN Bus)						Signal LDM (LF)			0x05	
						Signal LDM (RF)			0x05	
M/S	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0	ID	
M	P1	P0	ID5	ID4	ID3	ID2	ID1	ID0	0x05	Byte
M	FEELConfig Index									Data 1
M	FEELConfig Data 0									Data 2
M	FEELConfig Data 1									Data 3
M	FEELConfig Data 2									Data 4
M	FEELConfig Data 3									Data 5
M	FEELConfig Data 4									Data 6
M	FEELConfig Data 5									Data 7
M	FEELConfig Data 6									Data 8

Table 40: BCM Front EEL Configuration Frame

Data name	Data description	Min Value	Max Value	Unit	Resolution	Size
FEELConfigIndex	Front EEL Config Index	0	255	-	1	8
FEELConfigData0	Data0 = FEELConfig[FEELConfigIndex * 7 + 0]	0	255	-	1	8
FEELConfigData1	Data1 = FEELConfig[FEELConfigIndex * 7 + 1]	0	255	-	1	8
FEELConfigData2	Data2 = FEELConfig[FEELConfigIndex * 7 + 2]	0	255	-	1	8
FEELConfigData3	Data3 = FEELConfig[FEELConfigIndex * 7 + 3]	0	255	-	1	8
FEELConfigData4	Data4 = FEELConfig[FEELConfigIndex * 7 + 4]	0	255	-	1	8
FEELConfigData5	Data5 = FEELConfig[FEELConfigIndex * 7 + 5]	0	255	-	1	8
FEELConfigData6	Data6 = FEELConfig[FEELConfigIndex * 7 + 6]	0	255	-	1	8

Table 41: BCM Front EEL Configuration Frame Definition

If the Node config data consists of 10 bytes and the vehicle gets “ 6 ” different variations, the BCM will store 60 bytes of data, which is added to a single global data file that covers all configurable LIN nodes on all busses. This file is transferred to the BCM via Method 3 and is retained for the life of the BCM. The vehicle is configured via method 2, which will identify which of the “ 6 ” variants is selected. This selection is also retained by the BCM for its service life. The BCM LIN Configuration routine will program ConfigIndex [0], bytes Data0 and Data1 with this variant number from the method 2.

子任务:

功能 # 2871: Ford_SWER_0074_0001: LDM Data Configuration LIN fr...	已关闭
功能 # 2877: Ford_SWER_0074_0002: LDM Data Configuration LIN dat...	已关闭
功能 # 2879: Ford_SWER_0074_0003: LDM Configuration Matching test	已关闭
功能 # 2881: Ford_SWER_0074_0003: LDM Data Configuration Require...	已关闭

历史记录

#1 - 2024-10-25 10:42 - 涛 陆

完成

- #2 - 2024-11-01 13:15 - 玉洁 金
- 文件 clipboard-202411011314-1kq8r.png 已添加
 - 文件 clipboard-202411011315-4n6yy.png 已添加
 - 描述 已更新。
- #3 - 2024-11-22 09:39 - 斌 徐
- 状态 从 新建 变更为 已关闭
- #4 - 2025-04-15 08:59 - 玉洁 金
- 主题 从 Ford_SYSR : FS_REQ0074_V1 LIN Configuration Frame Definition 变更为 Ford_SYSR : FS_REQ0074_V2 LIN Configuration Frame Definition

文件			
clipboard-202410241955-j14k5.png	17.2 KB	2024-10-24	玉洁 金
clipboard-202410241955-1jy9d.png	21 KB	2024-10-24	玉洁 金
clipboard-202411011314-1kq8r.png	17.2 KB	2024-11-01	玉洁 金
clipboard-202411011315-4n6yy.png	21 KB	2024-11-01	玉洁 金