

FORD LDM Localization - 功能 #2586

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

Ford_SYSR : FS_REQ0065_V1 EEL LIN Identifier Allocation

2024-10-24 19:19 - 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

The following tables list the address assignments, the message publisher and target recipient for the message data. A legend is included for the color-coding and notation used in these tables. There is also a short form summary of the ID assignments matrixed by Node vs. Message Function. The module shall be considered a front node. All additional message structure is provided for information.

Node Name	Frame ID (Hex)	Message Description	Message Publisher	Message Recipient	Notes
Master (BCM)	0x00	Functional Message 1	M	All Slaves	
	0x01	Functional Message 2	M	All Slaves	
	0x02	Reserved - BCM EEL Functional Expansion			
	0x03	Reserved - BCM EEL Functional Expansion			
	0x04	Reserved - BCM EEL Functional Expansion			
	0x05	Front Node Configuration (Ford Supported)	M	LF&RFLDM	Multiplexed Message
	0x06	Rear Node Configuration (Ford Supported)	M	Rear LDM/FCM	Multiplexed Message
	0x07	VO Load Sequencing	M	All Slaves	VO Testing of Lamps

Table 19: Table of EEL Module LIN Identifiers

Node Name	Frame ID (Hex)	Message Description	Message Publisher	Message Recipient	Notes
Extra Signal XDM	0x08	Node Status Message	S	BCM	
	0x09	Reserved - LDM Functional Expansion			
	0x0A	Report Node Part #	S	BCM	Multiplexed Message
	0x0B	LDM Production / Service Routine Req	M	ExLDM/FCM	
	0x0C	Reserved - LDM Functional Expansion			
	0x0D	Tier1 Programming	Sup-EOL	ExLDM/FCM	Multiplexed Message
	0x0E	Development/ Service Return Reporting	S	Tester	Multiplexed Message
	0x0F	Reserved - Supplier Defined			

Table 20: Table of EEL Module LIN Identifiers – Extra

Node Name	Frame ID (Hex)	Message Description	Message Publisher	Message Recipient	Notes
Left Front Signal XDM	0x10	Node Status Message	S	BCM	
	0x11	Reserved - LDM Functional Expansion			
	0x12	Report Node Part #	S	BCM	Multiplexed Message
	0x13	LDM Production / Service Routine Req	M	LF LDM	
	0x14	Reserved - LDM Functional Expansion			
	0x15	Tier1 Programming	Sup-EOL	LF LDM	Multiplexed Message
	0x16	Development/ Service Return Reporting	S	Tester	Multiplexed Message
	0x17	Reserved - Supplier Defined			
Right Front Signal XDM	0x18	Node Status Message	S	BCM	
	0x19	Reserved - LDM Functional Expansion			
	0x1A	Report Node Part #	S	BCM	Multiplexed Message
	0x1B	LDM Production / Service Routine Req	M	RFLDM	
	0x1C	Reserved - LDM Functional Expansion			
	0x1D	Tier1 Programming	Sup-EOL	RFLDM	Multiplexed Message
	0x1E	Development/ Service Return Reporting	S	Tester	Multiplexed Message
	0x1F	Reserved - Supplier Defined			

Node Name	Frame ID (Hex)	Message Description	Message Publisher	Message Recipient	Notes
Left Rear Signal XDM	0x20	Node Status Message	S	BCM	
	0x21	Reserved - LDM Functional Expansion			
	0x22	Report Node Part #	S	BCM	Multiplexed Message
	0x23	LDM Production / Service Routine Req	M	LR LDM	
	0x24	Reserved - LDM Functional Expansion			
	0x25	Reserved - Supplier Defined			
	0x26	Reserved - Supplier Defined			
Right Rear Signal XDM	0x27	Reserved - Supplier Defined			
	0x28	Node Status Message	S	BCM	
	0x29	Reserved - LDM Functional Expansion			
	0x2A	Report Node Part #	S	BCM	Multiplexed Message
	0x2B	LDM Production / Service Routine Req	M	RR LDM	
	0x2C	Reserved - LDM Functional Expansion			
	0x2D	Reserved - Supplier Defined			
	0x2E	Reserved - Supplier Defined			
	0x2F	Reserved - Supplier Defined			

Table 22: Table of EEL Module LIN Identifiers – Rear

Node Name	Frame ID (Hex)	Message Description	Message Publisher	Message Recipient	Notes
Unallocated	0x30				
	0x31				
	0x32				
	0x33				
	0x34				
	0x35				
	0x36				
	0x37				

Table 23: Table of EEL Module LIN Identifiers – Unallocated

BCM LIN Message Schedule Table
Reserved for Expansion
Supplier Use Only (EOL / Dev), No in-vehicle support
Fade Control Module (FCM)
Will use the Signal LDM (Extra) IDs
Message Publisher
M - LIN Bus Master
S - LIN Bus Slave
Sup-EOL - Supplier End Of Line

Table 24: Legend for Table of LIN Identifiers

EEL LDM IDs Summary								
	Node Status Offset->	Node Conf	Part #	Prod Serv	Reserved	Tier 1 Prog	Dev/Serv	Supplier
			2	3	4	5	6	7
Signal LDM (Extra) / FCM	0x08	0x06	0x0A	0x0B	0x0C	0x0D	0x0E	0x0F
Signal LDM (LF)	0x10	0x05	0x12	0x13	0x14	0x15	0x16	0x17
Signal LDM (RF)	0x18	0x05	0x1A	0x1B	0x1C	0x1D	0x1E	0x1F
Signal LDM (LR)	0x20	0x06	0x22	0x23	0x24	0x25	0x26	0x27
Signal LDM (RR)	0x28	0x06	0x2A	0x2B	0x2C	0x2D	0x2E	0x2F
Power LDM	0x1B	0x1C	0x1D	0x1E	0x1F	0x2C	0x2D	0x2E

Table 25: EEL Node IDs Summary Matrix

子任务:	
功能 # 2860: Ford_SWER_0065_0001 : Information	已关闭

历史记录

#1 - 2024-10-25 10:21 - 涛陆

完成

#2 - 2024-11-21 10:00 - 斌徐

- 状态 从 新建 变更为 已关闭

文件

clipboard-202410241917-jkzyf.png	17.2 KB	2024-10-24	玉洁金
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clipboard-202410241917-tzje2.png	19.3 KB	2024-10-24	玉洁 金
clipboard-202410241917-ozgiw.png	33.2 KB	2024-10-24	玉洁 金
clipboard-202410241917-mqxbf.png	28.8 KB	2024-10-24	玉洁 金
clipboard-202410241918-et5ug.png	8.88 KB	2024-10-24	玉洁 金
clipboard-202410241918-jnsul.png	10.8 KB	2024-10-24	玉洁 金
clipboard-202410241918-aimqq.png	13.6 KB	2024-10-24	玉洁 金