

FORD LDM Localization - 功能 #2555

功能 # 2519 (已关闭): Ford\_SYSR: System Requirement

Ford\_SYSR：FS\_REQ0035\_V1 Static Bending Light Activation

2024-10-24 18:22 - 玉洁 金

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |         |            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------|------------|
| 状态:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 已关闭                   | 开始日期:   | 2024-11-05 |
| 优先级:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 普通                    | 计划完成日期: | 2024-11-20 |
| 指派给:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 涛 陆                   | % 完成:   | 100%       |
| 类别:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       | 预期时间:   | 0.00 小时    |
| 目标版本:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | H004_SW0007169.A002.0 | 耗时:     | 0.00 小时    |
| 描述                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |         |            |
| <p>The static bending light (SBL) will be activated based on steering wheel angle provided by the Signal ‘ SteAngle ’ and vehicle speed provided by ‘ Veh_Speed ’ via LIN Command Frame ‘ BCM_E_FC2 ’. SBL activation shall only occur when:</p> <ul style="list-style-type: none"><li>• LIN command 'Autolamp_Rqst ’ is set to '0x01'</li><li>• LIN command vehicle speed ‘ Veh_Speed ’ is at or less than the vehicle speed threshold which can be configured by parameter ‘ SBL_Max Speed_Thershold_cfg ’</li><li>• LIN command steering angle ‘ SteAngle ’ is at or more than the steering angle threshold which can be configured by parameter ‘ SBL Trigger_SteAngle_Thershold_cfg ’</li></ul> <p>‘ SteAngle ’ signal definition:</p> <ul style="list-style-type: none"><li>• Signal Size: 15 Bit</li><li>• Resolution: 0.1 degrees</li><li>• Raw Data Values: 0-32767</li><li>• Logical Calculation for Degree Value: 0.1*(Raw Data)-1600</li><li>• </li></ul> <p>‘ Veh_Speed ’ signal definition:</p> <ul style="list-style-type: none"><li>• Signal Size: 8 Bit</li><li>• Resolution: 1 KPH</li><li>• Raw Data Values: 0-255</li></ul> <p>‘ SBL_Trigger_SteAngle_Thershold_cfg ’ parameter definition:</p> <ul style="list-style-type: none"><li>• Range: 0 to 255Deg</li><li>• Resolution: 1Deg.</li></ul> <p>‘ SBL_Max_Speed_Thershold_cfg ’ parameter definition:</p> <ul style="list-style-type: none"><li>• Range: 0 to 255Kph</li><li>• Resolution: 1Kph.</li></ul> <p>The LDM shall use EEL bus provided steering wheel angle as absolute value. Negative angle is for right LDM and positive angle is for left LDM.</p> <p>Example:</p> <ul style="list-style-type: none"><li>• EEL bus received steering wheel angle: -40 ° (Raw Data = 15600 (0x3CF0))<ul style="list-style-type: none"><li>o Right LDM to use received steering wheel angle 40 °</li><li>o Left LDM to ignore the information</li></ul></li><li>• EEL bus received steering wheel angle: 40 ° (Raw Data = 16400 (0x4010))<ul style="list-style-type: none"><li>o Left LDM to use received steering wheel angle 40 °</li><li>o Right LDM to ignore the information</li></ul></li></ul> <p>NOTE: The SBL activation and deactivation shall have a hysteresis of vehicle speed and steering angle to avoid the light flash.</p> |                       |         |            |
| 子任务:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |         |            |
| 功能 # 2837: Ford_SWER_0035_0001：Static Bending Light Activation...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |         | 已关闭        |
| 功能 # 2839: Ford_SWER_0035_0002：Static Bending Light Activation...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |         | 已关闭        |
| 功能 # 2842: Ford_SWER_0035_0003：Static Bending Light Activation...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |         | 已关闭        |
| 功能 # 3025: Ford_SWER_0035_0004：Static Bending Light Activation...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |         | 已关闭        |

历史记录

#1 - 2024-10-25 09:52 - 涛 陆

未完成

#2 - 2024-10-31 16:25 - 斌徐

- 目标版本从 *H003\_SW0007169.A001.8* 变更为 *H004\_SW0007169.A002.0*

目前项目不涉及该功能，因此下一版添加

#3 - 2024-11-04 10:11 - 斌徐

- 状态从 *新建* 变更为 *反馈*

#4 - 2024-11-26 14:39 - 斌徐

- 状态从 *反馈* 变更为 *已关闭*