4.12.3 AfterMarket_Ext

4.12.3.1 RQEXT2_1

Protocol name is:"AfterMarket_extanded"

4.12.3.2 RQEXT2_2

The protocol broadcast via CAN1 in baud rate 500 Kbytes

The CAN message is transmitted every 100 ms.

4.12.3.3 CAN Message 0x669 Details - Lane

The message contains the Lane information and measurements.

	7 (MSB)	6	5	4	3	2	1	0 (LSB)
Byte 0	Lane type left				Undocu mented	LDW availabl e left	Lane confidence left	
Byte 1	Distance to left lane (LSB)				Reserved			
Byte 2	Distance to left lane (MSB)							
Byte 3	Reserved							
Byte 4								
Byte 5	Lane type right				Undocu mented	LDW available right	Lane confidence right	
Byte 6	Distance to right lane (LSB)				Reserved			
Byte 7	Distance to right lane (MSB)							

4.12.3.4 Distance to lane (left and right)

Type: signed integer

Unit: meter

Range: -40 : 40 [m]

Conversion: (HEX)*0.02

Invalid value: 800h

Note: The Offset (c) parameter in the equation: $y = ax^2 + bx + c$

4.12.3.5 Lane Confidence (left right)

Confidence grade about the right lane information

Type: 2 bits, unsigned integer

Range 0 : 3

Invalid value: none

0 is the lowest confidence and 3 is the highest.

4.12.3.5.1 LDW Availability

Should be on whenever the system detects lanes.at confidence >=2
And speed is>55km/h +hysteresis, and configuration of the LDW is >=1

4.12.3.6 Lane Type

Type: int

Unit: Enum

0	Dashed
1	Solid
2	None
3	Road Edge
4	Double Lane Mark
5	Bott's Dots
6	Invalid