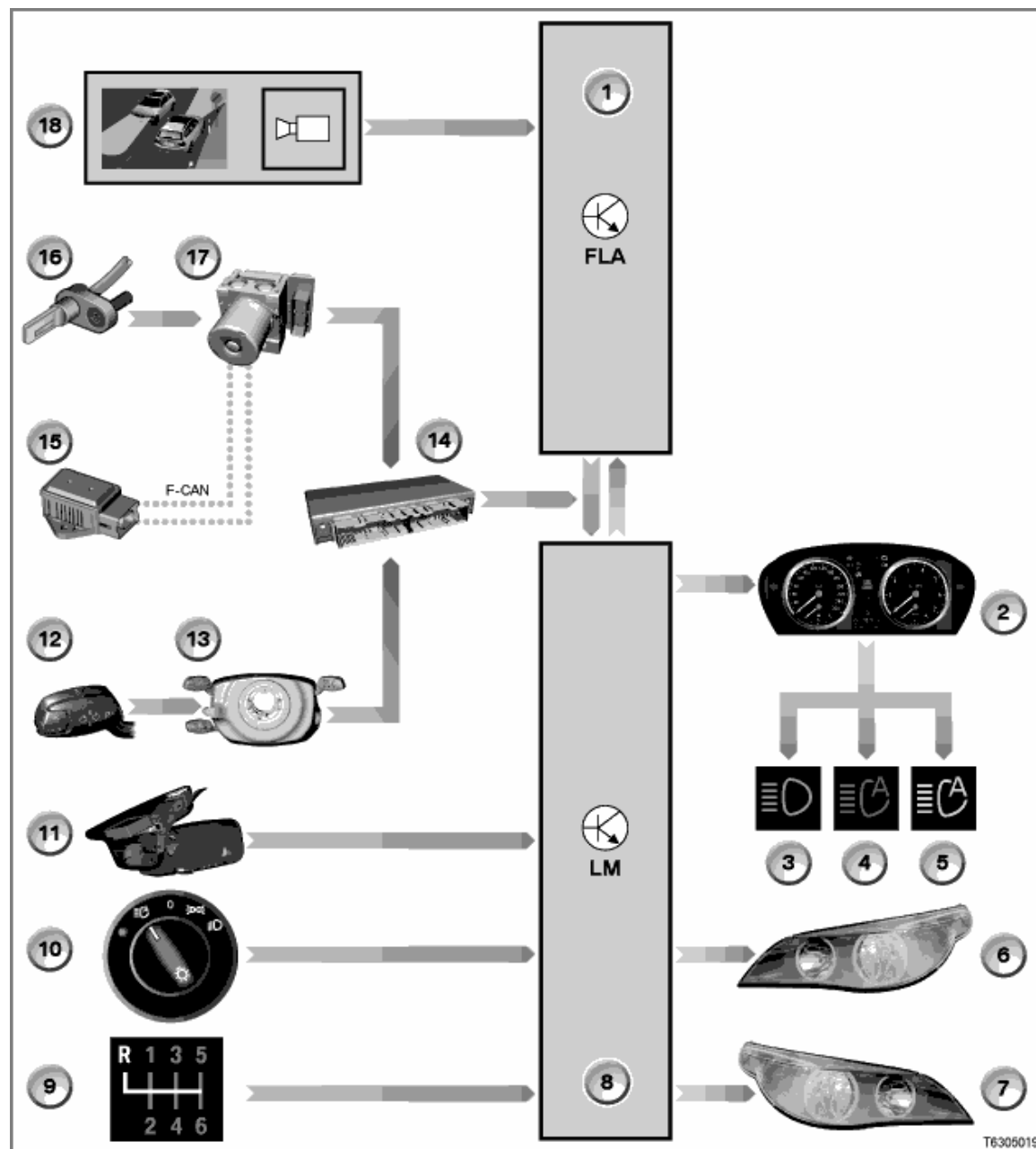


## System overview for the main-beam assistant: E60, E61, E63, E64, E65, E66

This system overview contains the following overviews applicable to the main-beam assistant:

- Inputs/outputs
- System circuit diagram

### - Inputs/outputs



The illustration shows the sensors and actuators and the control units for the main-beam assistant on the BMW 5-Series and BMW 6-Series (E60, E61, E63, E64).

> BMW 7-Series (E65, E66): The SGM (safety and gateway module) is the data interface, not the KGM (body gateway module).

Item	Description	Item	Description
1	FLA control unit (FLA: main-beam assistant)	2	Instrument cluster (KOMBI)
3	Main-beam indicator light (blue)	4	FLA indicator light

			<ul style="list-style-type: none"> <li>• Orange on BMW 5-Series and 6-Series</li> <li>• Blue on BMW 7-Series</li> </ul>
5	Check-Control symbol for failure of the main-beam assistant (yellow)	6	Headlight, left
7	Headlight, right	8	Light module (LM)
9	Reverse gear switch	10	Light switch
11	Rain-light sensor (RLS)	12	Turn-signal/main-beam switch
13	Steering column switch cluster (SZL)	14	Body gateway module (KGM)
15	DSC sensor	16	Wheel-speed sensor
17	DSC control unit (Dynamic Stability Control)	18	Image sensor
F-CAN	Chassis CAN		

**- System circuit diagram**



11	Rain-light sensor (RLS)	12	Turn-signal/main-beam switch
13	Steering column switch cluster (SZL)	14	Body gateway module (KGM)
15	DSC sensor	16	Wheel-speed sensor
17	DSC control unit (Dynamic Stability Control)	18	Image sensor
19	LVDS data line (LVDS: Low Voltage Differential Signalling)		
Kl. 15	Terminal 15	Kl.30	Terminal 30
F-CAN	Chassis CAN	K-CAN	Body CAN
PT-CAN	Powertrain CAN		