

Your Vehicle: 2011 Mercedes Benz Truck R 350 4MATIC (251.165) V6-3.5L (272.967)



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Description and Operation

GF82.10-P-3011GM Backup Lamp Actuation, Function

Function requirements for backup light actuation in general

- Circuit 15 On

The circuit status is made available on the interior CAN by the EIS [EZS] control unit (N73).

Backup light actuation, general

The backup light actuation enables the road to the rear of the vehicle to be illuminated when backing up.

Backup lamp actuation function sequence

The status of the current transmission selector lever position is made available on the engine compartment CAN by the intelligent servo module for DIRECT SELECT (A80).

The central gateway control unit (N93) forwards this to the rear SAM control unit (N10/8) via the interior CAN. The rear SAM control unit then actuates the following components directly:

- Left backup lamp (E3e3)
- Right backup lamp (E4e3)
- Backup lamp on trailer (with code (550) Trailer hitch) via the
- Trailer hitch socket, 13-pin (X58) (without code (460) Canada version or without code (494) USA version)
- Trailer hitch socket, 7-pin (X58/11) (with code (460) Canada version or code (494) USA version)

	Electrical function schematic for backup light actuation	Model 164	PE82.10-P-2058-97MAA
		Model 251	PE82.10-P-2058-97RAA
	Intelligent servo module for DIRECT SELECT, component description	A80	GF27.19-P-4020AHZ
	Rear SAM control unit, component description	N10/8	GF54.21-P-7030GM
	Component description for the EZS control unit	N73	GF80.57-P-6003GM
	Central gateway control unit, component description	N93	GF54.21-P-4170GM