

AN31.10-P-0008-01A	Perform function test of ball neck and light signals on trailer hitch socket		
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MODEL 117, 156, 164, 176, 204, 242, 246, 251

1 Connect light strip (1) or similar test equipment to trailer socket.

2 Switch on left turn signal indicator, right turn signal indicator and hazard warning system one after the other and check for proper operation.

3 Simulate failure of the left or right direction indicator lamp.

i The flashing frequency of the indicator lamp in the instrument cluster must double.

4 Switch on standing lights and check for proper operation.

5 Switch on backup lamps and check for proper operation.

6 Press brake pedal and check brake lamp for proper operation.

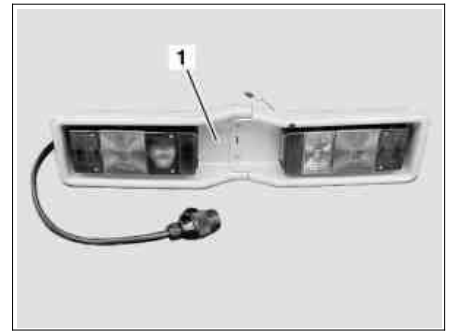
7 Switch on rear fog lamp and check for proper operation.

i The rear fog lamp on the vehicle must not light up.

8 Simulate failure of rear fog lamp on trailer.

i The rear fog lamp on the vehicle must light up.

9 Check the constant voltage connection (terminal 30) at the trailer socket.



P31.10-2584-01

10.1 MODEL 117, 156, 176, 204, 242, 246
 MODEL 164
 without CODE 460 (Canada version)
 without CODE 494 (US version)
 without CODE 496 (Mexico version)
 Check whether ball neck folds in and out properly.

i See the vehicle operator's manual for the exact operation steps.

10.2 MODEL 164
 with CODE 460 (Canada version)
 MODEL 164
 with CODE 494 (US version)
 MODEL 164
 with CODE 496 (Mexico version)
 MODEL 251
 Check whether the ball neck can be installed and removed.

i See the vehicle operator's manual for the exact operation steps.