

Malfunctions of various control units and/or on-board power supply problems caused by water in the control unit tray under the driver/front passenger seat (dislocated, pinched or leaking condensation hose)

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|-------------------|----------------------------------|
| Topic number | LI83.00-P-052510 |
| Version | 3 |
| Design group | 83.00 General |
| Date | 02-22-2013 |
| Validity | All Mercedes-Benz cars |
| Reason for change | Remedy adapted, validity adapted |
| Reason for block | |

Complaint:

Water that enters into the control unit tray under the driver/front passenger seat can damage the control units installed there and complaints may be received about the functions associated with these control units.

Problems with the on-board power supply voltage may also occur.

Cause:

The condensation hose (right/left) on the A/C housing may either be dislocated, pinched/crushed (water collects in A/C housing) or leaking, resulting in water entering the interior.

Remedy:

If the condensation hose (right/left) is dislocated, push it all the way back onto the outlet fitting of the A/C housing and check for tight seating by pulling gently. If necessary, use a cable tie to additionally fix the condensation hose in place. Never use soapy water or silicone spray to install.

If the condensation hose (right/left) is pinched/crushed, it can be checked for free passage as follows:

1. Use the operating unit to set maximum cooling on both sides.
2. On the vehicle underside, check whether water emerges from the condensation water drains. If no water emerges, the hose is blocked. In this case, reposition the hose correctly to ensure free passage or replace the hose if it is damaged.

Invoice the damage with reference to the appropriate damage code..

| Symptoms |
|--|
| Communication/information / Entertainment / Radio / Cuts out intermittently |
| Communication/information / Entertainment / Audio / Tone setting malfunction |
| Communication/information / Entertainment / Audio / Volume adjustment function error |
| Communication/information / Entertainment / Audio / Speakers emit no sound |
| Communication/information / Entertainment / Audio / Speakers emit interference noise |
| Communication/information / Entertainment / Audio / Poor audio quality |
| Communication/information / Entertainment / Audio / Several speakers are nonfunctional |
| Communication/information / Entertainment / Radio / No audio |

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| Communication/information / Entertainment / Radio / Bad sound quality |
| Communication/information / Entertainment / Audio / Misfire |
| Overall vehicle / Lighting / Exterior lights / Driving lights / Low beams / Low beam function / Nonfunctional |
| Overall vehicle / Lighting / Exterior lights / Driving lights / Headlamp range adjustment / Nonfunctional |
| Power generation / Engine management / Engine start/stop / Does not start |

| Work units | | | | |
|------------|----------------|------|-------------|---------------------------------------|
| Op. no. | Operation text | Time | Damage code | Note |
| | | | 83E01 38 | Left condensation drain hose loose |
| | | | 83T01 38 | Right condensation drain hose loose |
| | | | 83E01 C6 | Left condensation drain hose kinked |
| | | | 83T01 C6 | Right condensation drain hose kinked |
| | | | 83E01 04 | Left condensation drain hose leaking |
| | | | 83T01 04 | Right condensation drain hose leaking |
| | | | 83493 38 | Condensation drain hose loose |
| | | | 83493 C6 | Condensation drain hose kinked |

| Validity | | | |
|-----------|--------|--------------|--|
| Vehicle | Engine | Transmission | |
| A (168) | * | * | |
| A (169) | * | * | |
| A (176) | * | * | |
| B (245) | * | * | |
| B (246) | * | * | |
| C (203) | * | * | |
| C (204) | * | * | |
| CL (215) | * | * | |
| CL (216) | * | * | |
| CLA (117) | * | * | |
| CLK (208) | * | * | |
| CLK (209) | * | * | |
| CLS (218) | * | * | |
| CLS (219) | * | * | |
| E (207) | * | * | |
| E (210) | * | * | |
| E (211) | * | * | |
| E (212) | * | * | |
| G (460) | * | * | |
| G (461) | * | * | |

| | | |
|-----------|---|---|
| G (463) | * | * |
| GL (164) | * | * |
| GL (166) | * | * |
| GLK (204) | * | * |
| M (163) | * | * |
| M (164) | * | * |
| M (166) | * | * |
| R (251) | * | * |
| S (220) | * | * |
| S (221) | * | * |
| S (222) | * | * |
| SL (230) | * | * |
| SL (231) | * | * |
| SLK (170) | * | * |
| SLK (171) | * | * |
| SLK (172) | * | * |
| SLS (197) | * | * |