

## Distronic and/or Active Brake Assist inoperative after driving for an extended period

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|-------------------|--|
| Topic number      | LI54.71-N-075673   |
| Version           | 1  |
| Function group    | 54.71 - Camera and radar-assisted assistance systems                                       |
| Date              | 12/10/22   |
| Validity          | Model 907 with code BA3/Active Brake Assist) and/or ET4 (Active Distance Assist DISTRONIC) |
| Reason for change |  |

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### Complaint

Distronic and/or Active Brake Assist inoperative after driving for an extended period

### Cause

Blindness detection of the radar sensor. When driving for extended periods in areas with few or no objects for the radar sensor to detect, the radar sensor switches off due to the self-test and sets fault code C174AFB - The adjustment of the 'Active Brake Assist' control unit has malfunctioned.

### Remedy

- Check the area of the front radar for damage.
- Check whether fault code "C174AFB - The adjustment of the 'Active Brake Assist' control unit has malfunctioned" is set in the B92 or B92/1 Active Brake Assist/Active Distance Assist DISTRONIC (ABA/DTR) (FCW177) control unit.
- If the fault code is present, check the vertical actual values.
- If these are not OK, please correct the value with inspection of installation position or calibration of installation height (see attachment 2021 NDTD\_Vans\_Radar Sensor for best practices and functionality info)
- If the actual values are OK, please update the software.

| Attachments                                     |             |
|---|-------------|
| File  | Description |
| <a href="#">2021 NDTD_Vans_Radar Sensor.pdf</a> |             |

| Symptoms  |
|---|
| Communication/information > Assistance and warning systems > DISTRONIC > Function > Malfunction, warning system           |
| Communication/information > Assistance and warning systems > DISTRONIC > Function > Warning message in instrument cluster |
| Communication/information > Assistance and warning systems > DISTRONIC > Function > Malfunction                           |
| Communication/information > Assistance and warning systems > Brake Assist > Warning message in instrument cluster         |

# XENTRY TIPS

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Communication/information > Assistance and warning systems > Brake Assist > Malfunction

## Control unit/fault code

| Control unit   | Fault text  |
|--|---|
| B92 / B92/1 - Active Brake Assist / Active Distance Assist<br>DISTRONIC (ABA / DTR) (FCW177) | C174AFB - The learned value of an operating parameter of control unit 'COLLISION PREVENTION ASSIST' is outside the valid range. _ |

## Operation numbers/damage codes

| Op. no. | Operation text | Time | Damage code | Note   |
|---------|----------------|------|-------------|--|
|         |                |      | 5416H90     | The listed damage code is not to be considered as an acceptance of costs. The general guidelines in the Warranty Manual apply. |