

Eco start/stop nonfunctional due to 12V battery

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| Topic number | LI54.10-P-074072 |
| Version | 3 |
| Function group | 54.10 - Battery, power supply, voltage converter |
| Date | 12/16/21 |
| Validity | With model series 205 from production period SOP - 06/2020 |
| | Production location South Africa (plant 175) - Recognizable by "R" in the FIN/VIN |
| Reason for change | Correction of affected vehicles and explanation of production location |

Complaint

Eco Start/Stop nonfunctional.

| Attachments | |
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| File | Description |
| Fahrzyklus FNB Batterie de.pdf | Driving Cycle for battery in German |
| Driving cycle FNB battery en.pdf | Driving Cycle for battery in English |

Cause

Cause: Advance aging of 12 V starter battery [Manufacturer: FNB]

SNR A 001 982 02 08 (80 Ah)

Note: Only the item numbers referred to are affected!

Note: Observe examples for on-board electrical system diagnosis (XENTRY) with worn battery in attachment.

Remedy

Remedy: Replace 12 V starter battery

Note: The battery sensor (IBS) is not the reason. We reserve the right to reject a W&G claim if the IBS has been replaced.

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| Symptoms |
| Overall vehicle > Power supply > Battery/On-board electrical system > Battery function > Battery cannot be charged |

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| Parts |
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XENTRY TIPS

| Part number | ES1 | ES2 | Designation | Quantity | Note | EPC |
|-----------------|-----|-----|-------------|----------|------|-----|
| A 001 982 02 08 | | | 12V battery | 1 | 80AH | X |

| Operation numbers/damage codes | | | | |
|--------------------------------|-----------------------------------|------|-------------|--|
| Op. no. | Operation text | Time | Damage code | Note |
| 540640 | CHECK BATTERY SYSTEM | 2 AW | 5400153 | Observe examples for on-board electrical system diagnosis (XENTRY) with worn FNB battery in attachment. Cause for engine stop prevention: Battery Charge balance for extended driving cycle at low level (approx. 2 AH consumption for 60 minutes driving time). |
| 541011 | PERFORM QUICK TEST | 3 AW | 5400153 | Quick test, control unit log N10/6 (SAM_F) and print out representative screenshot of on-board electrical system diagnosis. |
| 541120 | REMOVE/INSTALL BATTERY | 3 AW | 5400153 | |
| 541150 | REPLACE BATTERY (BATTERY REMOVED) | 1 AW | 5400153 | |
| 547989 | SCREW ON/UNSCREW GROUND LINE | 3 AW | 5400153 | |