

AdBlue line leaking

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| Topic number | LI14.40-N-058284 |
| Version | 1 |
| Design group | 14.40 Exhaust-gas Aftertreatment, AdBlue |
| Date | 02-07-2014 |
| Validity | OM 651Engines with Generation 2 SCR system |
| Reason for change | |
| Reason for block | |

Complaint:

Check Engine and AdBlue lights on, possible count down mode

Cause:

- 1 - AdBlue heated line connection loose at the Dosing valve and or AdBlue Tank
- 2 - Connector on the AdBlue heated line damaged

Remedy:

- 1 - Reconnect the line and ensure the connector is securely attached
- 2 - Replace the AdBlue heated line

| Attachments | |
|--|--|
| File | Designation |
| Heated Dosing Line Connector removed from Dosing valve.pdf | Heated Dosing line Connector removed with hints on how to remove |

| Symptoms |
|---|
| Power generation / Exhaust system / AdBlue / AdBlue consumption / Too low |

| Control unit/fault code | | |
|--|------------|---|
| Control unit | Fault code | Fault text |
| CDI - Motor electronics 'CDI43' for combustion engine 'OM651' (N3/33) (CR43) | P204F96 | The AdBlue® system (cylinder bank 1) has a malfunction. There is an internal component fault. |
| CDI - Motor electronics 'CDI43' for combustion engine 'OM651' (N3/33) (CR43) | P14031F | The control unit 'AdBlue®' has a malfunction. There is a sporadic fault. |
| CDI - Motor electronics 'CDI43' for combustion engine 'OM651' (N3/33) (CR43) | P13DF00 | AdBlue® system Warning stage 1: The AdBlue® system has a malfunction. |
| CDI - Motor electronics 'CDI43' for combustion engine 'OM651' (N3/33) (CR43) | P13E300 | AdBlue® system Warning stage 2: The number of possible engine starts is limited due to a malfunction in the AdBlue® system. |

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|--|---------|--|
| SCR GEN2 - Selective catalytic reduction (N141) (SCRCM3) | P20E823 | The pressure in the AdBlue® system is too low. No signal change: Voltage level is too low. |
| SCR GEN2 - Selective catalytic reduction (N141) (SCRCM3) | P13DF00 | The AdBlue® system has a malfunction. |
| CDI - Motor electronics 'CDI43' for combustion engine 'OM651' (N3/33) (CR43) | P13F600 | The engine cannot be started because the exhaust aftertreatment system has been tampered with. _ |

| Parts | | | | | | | |
|-----------------|-----|-----|----------------------------------|----------|------|-----|-----------------|
| Part number | ES1 | ES2 | Designation | Quantity | Note | EPC | Other make part |
| A 906 470 58 64 | | | Additive Line (AdBlue feed line) | 1 | | X | |

| Validity | | |
|--------------|--------|--------------|
| Vehicle | Engine | Transmission |
| Sprinter III | 651 | * |