

## Minor oil filler neck leak

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|                   |  |
|-------------------|--|
| Topic number      | LI01.20-P-063065   |
| Version           | 3  |
| Function group    | 01.20 Crankcase ventilation, cylinder head cover                   |
| Date              | 08-08-2017   |
| Validity          | Model 166/292 with OM642 LS Eco and NAG3 / as from model year 2015 |
| Reason for change | Part number revised  |
| Reason for block  |  |

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### Complaint:

There is an engine oil leak or the alternator warning light in instrument cluster is lit.

| Attachments                        |                                     |
|------------------------------------|-------------------------------------|
| File                               | Description                         |
| Referenzbild - reference image.JPG | Reference picture - reference image |

### Cause:

Minor oil leak on oil filler neck.

Note: The oil leak may cause alternator damage.

### Remedy:

Dismantle oil filler neck.

Check oil filler neck is correctly latched into place.

#### Note:

If the metal locks or the plastic guide at the side are bent or broken, the oil filler neck must be replaced.

Remove any oil residue.

#### Note:

See reference pictures for example of correct and incorrect installation.

| Symptoms  |
|---|
| Overall vehicle / Power supply / Alternator / Function / Does not charge        |
| Overall vehicle / Power supply / Alternator / Function / Output too low         |
| Power generation / Engine management / Engine running / Stalls/goes out         |
| Power generation / Engine lubrication/oil cooling / Leakage / External oil loss |

| Control unit/fault code   |            |   |
|---|------------|---|
| Control unit  | Fault code | Fault text  |
| N3/9 - Motor electronics<br>'CDI61' for combustion engine<br>'OM642' (CDI) (CR61) | P056216    | The on-board power supply voltage is too low. The limit value for electrical voltage has not been attained. |

# XENTRY TIPS

|   |         |   |
|---|---------|---|
| N3/9 - Motor electronics<br>'CDI61' for combustion engine<br>'OM642' (CDI) (CR61) | P06A900 | Output 4 for the reference voltage of the sensors has a malfunction. _                                      |
| N3/9 - Motor electronics<br>'CDI61' for combustion engine<br>'OM642' (CDI) (CR61) | P056284 | The on-board power supply voltage is too low. There is a signal below the permissible limit value.          |
| N118/5 - Selective catalytic reduction (SCR 02) (SCR3)                            | P056200 | The on-board power supply voltage is too low. _   |
| N118/5 - Selective catalytic reduction (SCR 02) (SCR3)                            | P056216 | The on-board power supply voltage is too low. The limit value for electrical voltage has not been attained. |
| N10 - Signal acquisition and actuation module (SAM) (CBC-BOLERO)                  | B210C16 | The power supply is outside the valid range. The limit value for electrical voltage has not been attained.  |
| N10 - Signal acquisition and actuation module (SAM) (CBC-BOLERO)                  | B219500 | The power supply of circuit 30 is < 8.5 V. _  |
| N10 - Signal acquisition and actuation module (SAM) (CBC-BOLERO)                  | B219400 | The power supply of circuit 30 is < 7.5 V. _  |

## Parts

| Part number     | ES1 | ES2 | Designation     | Quantity | Note | EPC |
|-----------------|-----|-----|-----------------|----------|------|-----|
| A 642 010 64 14 |     |     | Oil filler neck | 1        |      | X   |

## Operation numbers/damage codes

| Op. no. | Operation text          | Time | Damage code | Note |
|---------|-------------------------|------|-------------|------|
| 02-9217 | REPLACE OIL FILLER NECK |      | 01601 04    |      |

## Attachments

# XENTRY TIPS

Referenzbild - reference image.JPG:

