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## Dual clutch transmission leaking

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|-------------------|----------------------------------------------------------------------------------|
| Topic number      | LI27.40-P-058480                                                                 |
| Version           | 2                                                                                |
| Design group      | 27.40 Housing                                                                    |
| Date              | 02-27-2014                                                                       |
| Validity          | SLS AMG, SLS AMG Black Series, SLS AMG GT, SLS AMG Roadster, SLS AMG GT Roadster |
| Reason for change | Change TIPS casereference to PTSS                                                |
| Reason for block  |                                                                                  |

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### Complaint:

Dual Clutch Transmission leak has been observed.

### Cause:

The transmission can be overfilled at the factory. If overfilled, oil is pressed out of the breathers that are located on top of the transmission. The oil gathers on the transmission then - depending on the amount involved and a sporty driving style - it runs down the transmission housing.

### Remedy:

1. Photograph and document leaks
2. Thoroughly clean transmission, removing all traces of oil
3. Check or correct both oil levels as described in the WIS and report back on the difference in oil quantities, if necessary
4. Apply leak detector spray to suspected leaky areas
5. Perform suitable test drive
6. It should now be possible to locate the exact location of the oil leak. Document the leakage with representative pictures.
7. If there are no more visible traces of oil on the transmission, the vehicle can be returned to the customer again.
8. If the leakage is still present or it is not possible to localize it exactly, please open a PTSS case and attach the following documents:
  - Picture documentation before the cleaning process and after the test drive from operation steps 1 and 6.
  - Difference in oil quantities from operation step 3.
  - Transmission control unit log
  - EEPROM data

### Note:

Care should be taken to ensure that the oil has been completely removed from the transmission. It should not be possible for oil that has gathered in the reinforcement recesses to be collected on the transmission again, for it to then

run down the transmission and for it ultimately to be taken for an oil leak again. An endoscope can be used for reliable diagnosis when inspecting the transmission.

### Symptoms

Power transmission / Automatic transmission / Automatic transmission, leaks / Leaks

### Parts

| Part number     | ES1 | ES2 | Designation               | Quantity | Note | EPC | Other<br>ma-<br>ke<br>part |
|-----------------|-----|-----|---------------------------|----------|------|-----|----------------------------|
| A 000 989 03 59 |     |     | White leak detector spray | 1        |      | X   |                            |

### Work units

| Op. no. | Operation text | Time | Damage<br>code | Note |
|---------|----------------|------|----------------|------|
|         |                |      | 27049 FU       |      |

### WIS-References

| Document number  | Title                               | Note                                                                                                    | Allocation |
|------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------|------------|
| AP27.00-P-2701RQ | Automatic transmission - Oil change | Use document for checking oil level only, as new transmission shipments are filled beforehand with oil. | Remedy     |

### Validity

| Vehicle | Engine | Transmission |
|---------|--------|--------------|
| *       | *      | 700.400      |