

XENTRY

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## Fault message in instrument cluster on engine start "Power Steering Malfunction, Service Required"

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|-------------------|-----------------------------------------------------|
| Topic number      | LI46.35-P-060415                                    |
| Version           | 1                                                   |
| Design group      | 46.35 Elec tric steering                            |
| Date              | 12-17-2014                                          |
| Validity          | Model 205 4MATIC (up to production date 30.11.2014) |
| Reason for change |                                                     |
| Reason for block  |                                                     |

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### Complaint:

Fault message in instrument cluster on engine start "Power Steering Malfunction, Service Required". Steering power assistance is off.

A fault code with backup memory data is logged in the control unit log of the electric power steering (N68).

The backup memory is listed in the control unit log for the electric power steering (N68) (see example in attachment).

Xentry fault profile: Fault code P063500 with backup memory data 30 00 07 00 5F

### Cause:

If the steering is operated during the starting procedure, the control unit monitor function can interpret this as implausible and signal a malfunction.

| Attachments      |                              |
|------------------|------------------------------|
| File             | Description                  |
| Backupmemory.pdf | Fault code and backup memory |

### Remedy:

1. Perform XENTRY DIAGNOSTICS update with add-on

For Xentry Diagnostics DVD 09/2014 use add-on number 4144.

For Xentry Diagnostics DVD 12/2014 use add-on number 4118.

2. Perform software update of electric power steering (N68).

Note: If the ES control unit data indicates a different Xentry fault profile, please create a PTSS case with the following information:

- Quick test with fault freeze frame data
- ES Control unit log

|                                                                                                       |
|-------------------------------------------------------------------------------------------------------|
| Symptoms                                                                                              |
| Chassis/suspension / Steering system / Steering System Function / Support                             |
| Chassis/suspension / Steering system / Steering System Function / Stiff movement                      |
| Chassis/suspension / Steering system / Steering System Display / Pow. steer. faulty Serviced Required |

|            |                                                       |      |             |      |
|------------|-------------------------------------------------------|------|-------------|------|
| Work units |                                                       |      |             |      |
| Op. no.    | Operation text                                        | Time | Damage code | Note |
| 54-0991    | CONTROL UNIT:.....INSTALL SOFTWARE (AFTER QUICK TEST) |      | 46494 90    |      |

|          |        |              |
|----------|--------|--------------|
| Validity |        |              |
| Vehicle  | Engine | Transmission |
| 205.009  | *      | *            |
| 205.049  | *      | *            |
| 205.066  | *      | *            |
| 205.209  | *      | *            |
| 205.266  | *      | *            |