
No Crank/No Start/ESL and ICM do not respond to key input

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| Topic number | LI80.57-P-051521 |
| Version | 2 |
| Design group | 80.57 Drive authorization systems (DAS) |
| Date | 06-01-2011 |
| Validity | All 204, 207 model vehicles |
| Reason for change | Update remedy to include test both keys. Include note to not replace ESL without DTCs |

Complaint:

1. No crank / no start / intermittent no crank
2. Communication via SDS to Electronic Ignition Switch N73 (EIS/EZS), and or short test may or may not be possible at time of fault
3. Below scenario:
 - When accessing the occupant's compartment, the message center in the ICM will illuminate (note: eventually the message center will time out and shut down, and will not illuminate until the CAN is activated via the interior lock/unlock switch).
 - The key will turn in EIS N73.
 - The ESL N26/5 does not activate/respond (or the steering wheel remains unlocked at all times).
 - The warning icons in the ICM will not illuminate.

Cause:

Internal issue with in Electronic Steering Lock N26/5 (part number A 204 545 57 32)

Remedy:

First perform a complete guided test of the drive authorization system, and transmitter key via the "Tests" menu in the EZS control unit.

Fault codes A25408 and A25464 in the Electronic Ignition Lock N73 (EIS/EZS) direct you to replace the Electronic Steering Lock N26/5.

NOTE: If no fault codes are stored, do not replace any parts!

Check the part number on the Electronic Steering Lock N26/5. If the part number is A204 545 57 32, please replace with part number A 204 545 81 32 using WIS instructions AR46.10-P-0910CW.

If the part number of the Electronic Steering Lock is A 204 545 81 32, please contact Dealer Technical Support; we would like to have the part shipped to us for further analysis.

Note: It is possible to corrupt the Electronic Ignition Switch N73 if it is replaced prior to replacement of the suspect ESL. Also, insure that the CAN does not time out before the programming of the ESL with the workshop key is completed.

| Symptoms |
|---|
| Electronic ignition lock/steering lock / Nonfunctional / Overall vehicle / Drive authorization system DAS / Safety and locking system / |
| Electronic ignition lock/steering lock / Overall vehicle / Does not receive turn authorization / Drive authorization system DAS / Safety and locking system / |
| Electronic ignition lock/steering lock / Overall vehicle / Drive authorization system DAS / Malfunction / Safety and locking system / |
| Overall vehicle / Drive authorization system DAS / Safety and locking system / DAS function / Malfunction / |
| Power generation / Engine management / Starter motor / Starter Function / Does not turn / |
| Overall vehicle / Drive authorization system DAS / Safety and locking system / Key receives no turn authorization / DAS function / |
| Engine start/stop / Power generation / Engine management / Does not start / |

| Control unit/fault code | | |
|--|------------|---|
| Control unit | Fault code | Fault text |
| EZS - Electronic ignition lock (N73) (EIS_204) | A25408 | The electric steering lock has a malfunction. There is a signal fault or the message is faulty. |
| EZS - Electronic ignition lock (N73) (EIS_204) | A25464 | The electric steering lock has a malfunction. There is an implausible signal. |

| Parts | | | | | | | |
|-----------------|-----|-----|--------------------------|----------|------|-----|---------|
| Part number | ES1 | ES2 | Designation | Quantity | Note | EPC | Non-EPC |
| A 204 545 81 32 | | | Electronic Steering Lock | 1 | | X | |

| Work units | | | | |
|------------|----------------|------|-------------|------|
| Op. no. | Operation text | Time | Damage code | Note |
| | | | 46262 73 | |