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

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
Overall vehicle / Safety and locking system / Drive authorization system DAS / Electronic ignition lock/steering lock / Nonfunctional
Overall vehicle / Safety and locking system / Drive authorization system DAS / Electronic ignition lock/steering lock / Does not receive turn authorization
Overall vehicle / Safety and locking system / Drive authorization system DAS / Electronic ignition lock/steering lock / Malfunction
Overall vehicle / Safety and locking system / Drive authorization system DAS / DAS function / Malfunction
Power generation / Engine management / Starter motor / Starter Function / Does not turn
Overall vehicle / Safety and locking system / Drive authorization system DAS / DAS function / Key receives no turn authorization
Power generation / Engine management / Engine start/stop / 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	Other ma- ke part
A 204 545 81 32			Electronic Steering Lock	1		X	

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