
Modified procedure for ISM or DSM replacement in MODEL 166 (ML) with the fault codes P179A12, P179A16, P179C16, B210A00 and B210D00

Topic number	LI27.19-P-059057
Version	3
Design group	27.19 Transmission - electrical system
Date	08-07-2015
Validity	Optimized procedure for ISM or DSM replacement in MODEL 166 (ML)
Reason for change	Shorten Remedy text
Reason for block	

Complaint:

Modified procedure for complaints concerning ISM or DSM in MODEL 166 (ML) with the fault codes P179A12, P179A16, P179C16, B210A00 and B210D00.

Cause:

This LI is for information purposes only.

Remedy:

Whenever the ISM or DSM is replaced and a fault code is present, ensure that the initial and final quicktest has been printed to pSDS.

Symptoms
Power transmission / Automatic transmission / Automatic transmission operation / Drive position selection / Function / General
Power transmission / Automatic transmission / Automatic transmission operation / Drive position selection / Function / Gear indicator nonfunctional
Power transmission / Automatic transmission / Automatic transmission - function / Electrical fault/Fault code
Power transmission / Automatic transmission / Automatic transmission operation / Drive position selection / Function / Gear cannot be engaged
Power transmission / Automatic transmission / Automatic transmission operation / Drive position selection / Function / Nonfunctional
Power transmission / Automatic transmission / Automatic transmission operation / Drive position selection / Function / Electrical fault/Fault code

Control unit/fault code		
Control unit	Fault code	Fault text

XENTRY

ISM - Shift module (A80) (DSM)	P179A12	The redundancy system for DIRECT SELECT was activated. There is a short circuit to positive.
ISM - Shift module (A80) (DSM)	P179A16	The redundancy system for DIRECT SELECT was activated. The limit value for electrical voltage has not been attained.
ISM - Shift module (A80) (DSM)	P179C16	The control unit 'DIRECT SELECT' has a malfunction. The limit value for electrical voltage has not been attained.
ISM - Shift module (A80) (DSM)	B210A00	The power supply in the system is too low.
ISM - Shift module (A80) (DSM)	B210D00	The power supply is too low.

Validity		
Vehicle	Engine	Transmission
166.003	651	722
166.004	651	722
M/GLE (166)	276	722
M/GLE (166)	278	722
M/GLE (166)	642	722