


VOLVO CARS SERVICE AND PARTS BUSINESS			
<h1>Technical Journal</h1>			
TITLE: DEM-P188918, changed fault-tracing			
REF NO: TJ 28879	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Cars North America		ISSUE DATE:	
		YEAR	MONTH
		2014	03
		DAY	10
FUNC GROUP: 4651	FUNC DESC: Final drive; Automatic Operation Clutch	Page 1 of 2	

“Right first time in Time”

Attachment

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
124					6		2013-2015		-	0-0
134					6		2013-2015		-	0-0
136					6		2013-2015		-	0-0
155					6		2015-2015		-	0-0
156					6		2013-2015		-	0-0

CSC Customer Symptom Codes

Code	Description
MU	4-wheel/all wheel drive/Does not work

DTC Diagnostic Trouble Codes

Rows beginning with * are modified

Note! If using a printed copy of this Technical Journal, first check for the latest online version.

Text

DEM = Differential Electronic Module



Background:

The fault-tracing for DTC DEM-P188918 is changed/modified in order to avoid unnecessary parts replacement (DEM-P188918 does not often need a parts replacement). The DTC can be set if air has entered the all wheel drive clutch package, which can happen during oil filling. This can be remedied by air-bleeding the system (ventilation of the all wheel drive clutch package).

This report applies to the following vehicle type:

S60 (11-) 2013 TF-80SC AWD
S60 (11-) 2014 TF-80SC AWD
S60 (11-) 2015 TF-80SC AWD
S80 (07-) 2013 TF-80SC AWD
S80 (07-) 2014 TF-80SC AWD
S80 (07-) 2015 TF-80SC AWD
V60 2015 TF-80SC AWD
XC60 2013 TF-80SC AWD
XC60 2014 TF-80SC AWD
XC60 2015 TF-80SC AWD
XC70 (08-) 2013 TF-80SC AWD
XC70 (08-) 2014 TF-80SC AWD
XC70 (08-) 2015 TF-80SC AWD

Temporary solution:

1) Check the oil level. If the oil level is low, check the all wheel drive clutch pack for leaks. Then top up with oil (*This is also the first step in VIDA's fault-tracing for DTC DEM-P188918*).

Note! The oil level in the all wheel drive clutch package is very important for the function of the all wheel drive.

2) Do an air-bleeding of the system (ventilation of the wheel drive clutch package) by doing an calibration of DEM. Go to; DIAGNOSTICS\VEHICLE COMMUNICATION\DEM\Advanced\Calibration of Differential Electronic Module (DEM).

3) If this does not remedy the fault, change the oil pressure pump.

Final Solution:

VIDA 2014B will include the updated and correct fault-tracing information for DTC DEM-P188918.