

Quality Campaign. Q0138, D1,D2. MDI, replacement

D1-13F, D1-20F, D1-30F, D2-40F, D2-50F, D2-55F, D2-60F, D2-75F

Binder:

Date: 04-2018

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Brief description

Mechanical Diesel Interface (MDI) might not work as intended due to multiple intermittent failure modes. MDI failure occurs unexpectedly and might cause inability to start, sudden engine stop, display issues, etc.

Concerned products

Product Designation	Part No on Product
D1-13F	869643
D1-20F	869644
D1-30F	869645, 40869655, 40869669
D2-40F	869646, 40869654, 40869670
D2-50F	40869671
D2-55F	869647
D2-60F	40869657
D2-75F	869648

Serial number range 5102029462A to 5103958665A.

Serial number range 5102030619B to 5103987464B.

Serial number range 5102033076C to 5103999917C.

Serial number range 5102160530Y to 5102160692Y.

NOTICE! Not all engines within the serial number range are affected.

Before starting any work, check the engine serial number in Product Center to determine if the engine is affected by this or any other campaign.

If the products have been exported from your market inform Volvo Penta MU or VP importer in the receiving market.

Method

1. Replace the MDI unit according to the workshop manual.

Concerned markets

All.

Material

Order through normal parts ordering procedure.

Part number	Designation	Quantity	M/O
23231607	Electronic unit	1	M

NOTE: M = Mandatory, O = Optional

NOTICE! Mandatory to send back the faulty MDI to see below address.

For Europe.
AB Volvo Penta
Goods receiving Lundby
Dept. TMA X-Hall
S-405 08 Gothenburg
Sweden

For America.
Volvo Penta Warranty Returns
1400 Volvo Penta Drive
Chesapeake, VA 23320
For pre-paid freight in America use FedEx PRP label 22564161

For Canada.
Volvo Penta Canada
7972 enterprise Street
Burnaby, BC V5A 1V7
In Canada use shipping label 7796083

For EM/APAC
Failed parts may be requested back to the Warranty Material Department and should therefore be treated according to the existing rules (see Warranty Operational Procedures 5.2).

Compensation Main op. 0000-00-09-00. MDI unit, replace. 1h (M)
Additional op. 0000-00-09-01. Perform test after repair. 0.3h (M)
NOTE: M = Mandatory, O = Optional

Travel reimbursed according to travel reimbursement policy.	Yes	No
	X	

Claim procedure
Debit code 13
Function group 3729
Causal part 22594274
Defect code 09

Campaign closing date 2021-10-30