

**Repair order No:** B&R 2  
**Chassis ID:** N 461262  
**Model:** VHD

**Fault Codes - 2/8/2007 10:55:02 AM**

**Fault codes**

Fault codes stored in the vehicle's electronic control units can be read out and cleared using this test.

**READ FAULT CODES- MID Filter:**  
 The control units to be read from are selected in the MID Filter before the test is started. All control units are selected in the default setting.

**CLEAR FAULT CODES:**  
 Fault codes can be cleared together or individually. Select the fault code(s) to be cleared.

**Active Fault Codes**  
 If there are active fault codes, refer to the appropriate fault code information to continue fault tracing:

**MID 128 Fault Codes (Volvo Engine):**  
 IMPACT or ID DVD- Info type "Diagnostics" group 2841  
**MID 140 Fault Codes:** IMPACT or ID DVD- Info type "Diagnostics" group 3811  
**MID 142 Fault Codes:** IMPACT or ID DVD- Info type "Diagnostics" group 3970  
**MID 144 Fault Codes:** IMPACT or ID DVD- Info type "Diagnostics" group 3649  
**MID 146 Fault Codes:** IMPACT or ID DVD- Info type "Diagnostics" group 8730  
**MID 216 Fault Codes:** IMPACT or ID DVD- Info type "Diagnostics" group 35  
**MID 232 Fault Codes:** IMPACT or ID DVD- Info type "Diagnostics" group 8845  
**MID 249 Fault Codes:** IMPACT or ID DVD- Info type "Diagnostics" group 9300  
**MID 250 Fault Codes:** IMPACT or ID DVD- Info type "Diagnostics" group 3649

For further fault tracing of non-Volvo components, such as a non-Volvo engine (MID 128) or transmission (MID 130), refer the component manufacturer's service information.

**FREEZE FRAME:**  
 A "Freeze Frame" is a collection of values from a number of sensors and components, saved at the time certain fault codes are stored.

**MID128 (Volvo Engine):** The values are saved at two points before, one at the time of the fault code, and at two points after the fault code occurred.

Freeze frames can be read by pressing the "Rea

Fault codes

Read fault codes  
 Clear all fault codes  
 Clear single fault code

MID filter... Read Freeze Frames

MID	PID	PPID	SID	PSID	FMI	Status	Number	Last	
128	98				5	Active	6	12:00:00 AM	-
128	111				1	Active	11	12/17/2001 10:48 AM	-
216			254		12	Inactive	1	12:00:00 AM	-
216				13	5	Active	1	12:00:00 AM	-
216				14	5	Active	4	12:00:00 AM	-
216				45	5	Active	1	12:00:00 AM	-
216				50	5	Active	1	12:00:00 AM	-
216				51	3	Inactive	1	12:00:00 AM	-

MID	128	Engine ECU
PID	98	Engine oil level
FMI	5	Current below normal or open circuit
First occurrence	12:00:00 AM engine hours	
Last occurrence	12:00:00 AM engine hours	
Time	12/17/2001 10:50 AM engine hours	