ATLET

WAREHOUSE EQUIPMENT

A-Ergo

SERVICE MANUAL

Manual number 005975

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SERVICE MANUAL

Machine: A-Ergo

Manual No: 005975

Edition 2008B

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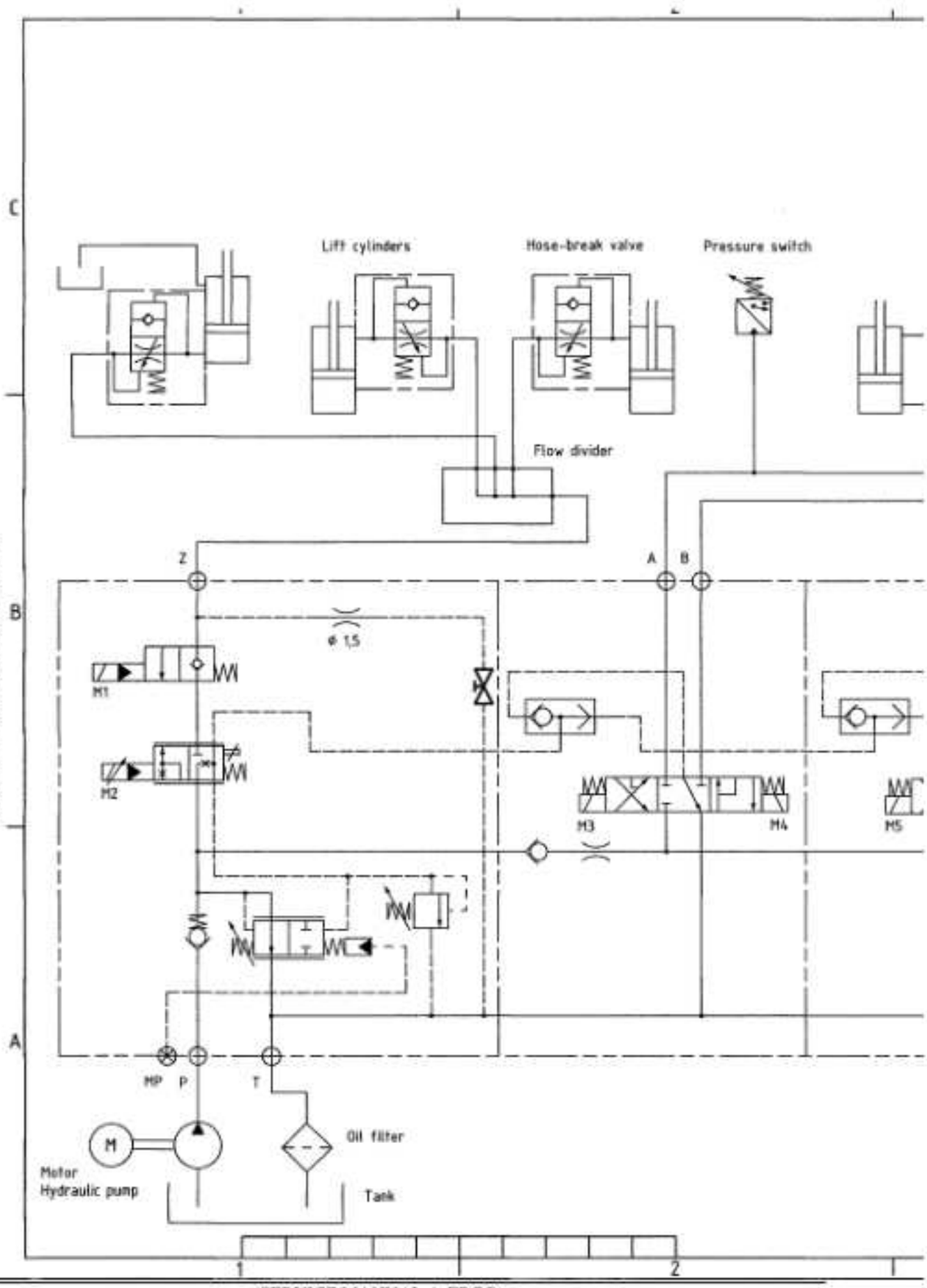
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Hydraulic diagram, Proportional valve 104005 (2008w46–)



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Error codes, drive motor regulator

The following error codes are set by the drive motor regulator, table 10.26.

Table 10.26 Error codes, drive motor regulator, AC1

Error code indicating		Explanation	Check/Action
MDI	Hand terminal		
02A00	BATTERY LOW	If the function BATTERY CHECK is activated and the battery has less than 10% left the current will be reduced to half the set level, at the same time as an error code is shown.	Charge the battery.
02A08	WATCHDOG	This is an internal test carried out both during driving and when stationary, and it is the logic that is tested.	Replace regulator.
02A13	EEPROM KO	Error in the area that contains adjustable parameters.	Switch on and off from the key once: • If the error code has disappeared, note that all adjustable parameters have gone back to the default values and that a new setting must be made. • If the error persists, replace regulator.
02A16	AUX OUTPUT KO	When the key is switched on, check the µP Drive contactor driver for the electric brake. If the answer is not correct an error code will be given.	Replace regulator.
02A17	LOGIC FAILURE #3	Error in the hardware part that handles the overcurrent protection to the different phases to the motor.	Replace regulator.
02A18	LOGIC FAILURE #2	Error in the hardware part that handles the voltage supply in the different phases to the motor.	Replace regulator.
02A19	LOGIC FAILURE#1	Indicates that the over/undervoltage protection has been activated.	a) A real under/overvoltage has occurred. b) Replace regulator.
02A30 / 02A31	VMN LOW/ VMN HIGH	This test is carried out during start up and when stationary.	a) Problem with the cables to the motor, connections, windings in the motor, or contact to material. b) Replace regulator.
02A37	CONTACTOR CLOSED	Drive contactor closed during start	a) Check contactor and cables. b) Replace regulator.
02A38	CONTACTOR OPEN	The logic has sent a voltage to the main contactor coil and this is expected to be closed, but the contactors are not closed.	a) Break in cables to the coil. b) Defective contactor.

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2. When refitting the magnetic part adjust the T dimension to the same dimension as before by means of a hook spanner, see figure 11.1.

⚠ ***Warning!***

Remember to lock any adjustments!

⚠ ***Warning!***

Check that you have a safe braking capacity.

⚠ ***Warning!***

The friction lining must be at least 1 mm, otherwise it must be replaced.

Note!

When you install a new brake, remember to remove the transport lock.

Replacing the brake disc (2006w47–)

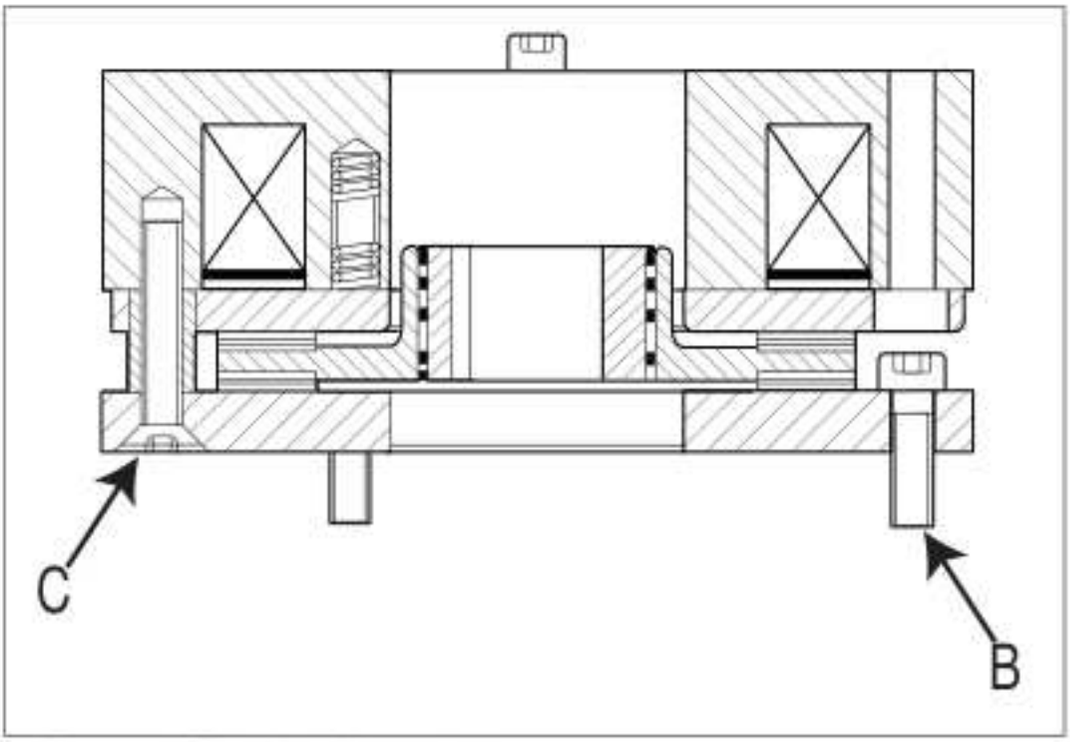


Figure 11.2 Electric brake (2006w47–)

1. Disconnect the electrical connections to the magnetic part.
2. Undo the three retaining screws, pos B in figure11.2.
3. Dismantle the brake by unscrewing 3 screws, pos C.
4. Lift out the brake disc and clean the magnetic part and brake plate.
5. Mount the new brake disc and refit the magnetic part. Tighten the three retaining screws at 9.5 Nm.

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