

Diagnostic LED		
Blinks/ Flashes	Display Message	Explanation
1	U25 RAM FAILURE	U25 RAM is not usable. (No other tests are performed; the game is locked here, until it is turned off).
2	MEM. PROT. FAILURE	This message means that (A) the Coin Door may be shut; (B) the Memory Protect Switch may be stuck in the ON position; (C) the memory protect logic is protecting the memory; or (D) a U25 RAM failure is occurring. (See Note 1)
3	U51 PIA FAILURE	U51 has a malfunction. (see Note 2)
4	U38 PIA FAILURE	U38 has a malfunction. (see Note 2)
5	U41 PIA FAILURE	U41 has a malfunction. (see Note 2)
6	U42 PIA FAILURE	U42 has a malfunction. (see Note 2)
7	U54 PIA FAILURE	U54 has a malfunction. (see Note 2)
8	U10 PIA FAILURE	U10 has a malfunction. (see Note 2)
9	IRQ FAILURE	IRQ has a malfunction. It may be missing, or too fast, or too slow.
10	U27 ROM FAILURE	U27's internal checksums do not match. It may be a ROM failure, or see Note 2. (The following U26 Test is skipped.)
11	U26 ROM FAILURE	U26's internal checksums do not match.

Notes:

1. This test assumes that the Coin Door is OPEN; it is initiated ONLY by pressing the CPU Diagnostic Switch (SW2).
2. Alternatively, its associated connections or connecting devices are causing the IC to appear to have problems.

**16-8587-906**

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Fonts used: Helvetica, Times New Roman.  
Card size: 165x64mm

Diagnostic card 16-8587-906 confirmed (used in System 11).

Enjoy and have fun,  
Peter

[www.inkochnito.nl](http://www.inkochnito.nl)

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