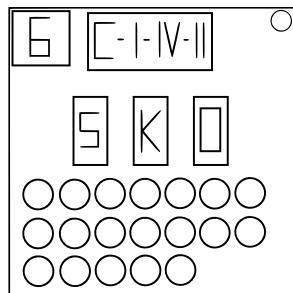


On the Subject of Forget Enigma

"My mind is like an enigma." - the bomb

On the module, you will see a configuration of the rotors/reflector, the rotors set up below that, and a keyboard that lights up a single letter.



Everytime a module is solved, the stage number goes up by 1, the rotors turn, and a new letter will light up.

To disarm this module, you have to decrypt the letter using the mechanics down below.

Step 1: Configuration of the Rotors/Reflector

The screen at top shows what type of rotors are used, the order they are in, and which reflector is used. Use the correct rotor charts and correct reflector chart to use to create an Enigma Decryptor.

They are read in this order: Reflector-Bottom Rotor-Middle Rotor-Top Rotor. Above the top rotor, you will type A-Z to use as the keyboard.

Use the schematic at the bottom to help you create the Enigma Decryptor.

The rotors below the screen shows what letter each one is at. Shift the letters until the bottom left letter is equal to the letter on the rotor.

Rotor I

E	K	M	F	L	G	D	Q	V	Z	N	T	O	W	Y	H	X	U	S	P	A	I	B	R	C	J
A	B	C	D*	E	F	G	H	I	J	K	L	M	N	O	P	Q*	R	S	T	U	V	W	X	Y	Z

Rotor II

A	J	D	K	S	I	R	U	X	B	L	H	W	T	M	C	Q	G	Z	N	P	Y	F	V	O	E
A	B	C	D	E*	F	G	H	I	J	K	L	M	N	O	P	Q	R*	S	T	U	V	W	X	Y	Z

Rotor III

B	D	F	H	J	L	C	P	R	T	X	V	Z	N	Y	E	I	W	G	A	K	M	U	S	Q	O
A	B	C	D	E	F	G	H	I*	J	K	L	M	N	O	P	Q	R	S	T	U	V*	W	X	Y	Z

Rotor IV

E	S	O	V	P	Z	J	A	Y	Q	U	I	R	H	X	L	N	F	T	G	K	D	C	M	W	B
A	B	C	D	E	F	G	H	I	J*	K	L	M	N	O	P	Q	R	S	T	U	V	W*	X	Y	Z

Rotor V

V	Z	B	R	G	I	T	Y	U	P	S	D	N	H	L	X	A	W	M	J	Q	O	F	E	C	K
A	B	C	D	E	F	G	H	I	J	K	L	M*	N	O	P	Q	R	S	T	U	V	W	X	Y	Z*

Rotor VI

J	P	G	V	O	U	M	F	Y	Q	B	E	N	H	Z	R	D	K	A	S	X	L	I	C	T	W
A	B	C	D	E	F	G	H	I	J	K	L*	M	N	O	P	Q	R	S	T	U	V	W	X	Y*	Z

Rotor VII

N	Z	J	H	G	R	C	X	M	Y	S	W	B	O	U	F	A	I	V	L	P	E	K	Q	D	T
A	B	C	D	E	F	G	H*	I	J	K	L	M	N	O	P	Q	R	S	T	U*	V	W	X	Y	Z

Rotor VIII

F	K	Q	H	T	L	X	O	C	B	J	S	P	D	Z	R	A	M	E	W	N	I	U	Y	G	V
A	B	C*	D	E	F	G	H	I	J	K	L	M	N	O	P*	Q	R	S	T	U	V	W	X	Y	Z

Reflector A

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
L	U	S	N	P	Q	O	M	J	I	Y	A	H	D	G	E	F	X	C	V	B	T	Z	R	K	W

Reflector B

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
X	Q	U	M	F	E	P	O	W	L	T	J	D	Z	H	G	B	V	Y	K	C	R	I	A	S	N

Reflector C

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
E	S	K	O	A	Q	M	J	Y	H	C	P	G	T	D	L	F	U	B	N	R	X	Z	V	I	W

Enigma Schematic

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
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TOP ROTOR/RIGHT ROTOR

MIDDLE ROTOR

BOTTOM ROTOR/LEFT ROTOR

REFLECTOR

Step 2: Using the Enigma Decryptor

- 1: Take the lit letter and find it on the keyboard row of the decryptor.
- 2: Go straight down to the top row of the top rotor to receive a new letter.
- 3: Find the new letter in the bottom row of the top rotor.
- 4: Go straight down to the top row of the middle rotor to receive a new letter.
- 5: Find the new letter in the bottom row of the middle rotor.
- 6: Go straight down to the top row of the bottom rotor to receive a new letter.
- 7: Find the new letter in the bottom row of the bottom rotor.
- 8: Go straight down to the top row of the reflector to receive a new letter.
- 9: Find the new letter in the bottom row of the reflector.
- 10: Go straight up to the bottom row of the bottom rotor to receive a new letter.
- 11: Find the new letter in the top row of the bottom rotor.
- 12: Go straight up to the bottom row of the middle rotor to receive a new letter.
- 13: Find the new letter in the top row of the middle rotor.
- 14: Go straight up to the bottom row of the top rotor to receive a new letter.
- 15: Find the new letter in the top row of the top rotor.
- 16: Go straight up to the keyboard row to receive your decrypted letter.
- The example below uses I as the lit letter which will decrypt it to F.

The diagram illustrates the 5-rotor Enigma machine setup for decryption. It consists of five rotors stacked vertically, each with 26 positions labeled with letters from A to Z. The rotors are represented by tables:

- Top Rotor:** A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z
- Middle Rotor:** U | P | S | D | N | H | L | X | A | W | M | J | Q | O | F | E | C | K | V | Z | B | R | G | I | T | Y
I | J | K | L | M* | N | O | P | Q | R | S | T | U | V | W | X | Y | Z* | A | B | C | D | E | F | G | H
- Bottom Rotor:** I | B | R | C | J | E | K | M | F | L | G | D | Q | V | Z | N | T | O | W | Y | H | X | U | S | P | A
V | W | X | Y | Z | A | B | C | D* | E | F | G | H | I | J | K | L | M | N | O | P | Q* | R | S | T | U
- Reflector:** R | H | X | L | N | F | T | G | K | D | C | M | W | B | E | S | O | V | P | Z | J | A | Y | Q | U | I
M | N | O | P | Q | R | S | T | U | V | W* | X | Y | Z | A | B | C | D | E | F | G | H | I | J* | K | L
- Keyboard:** A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z
L | U | S | N | P | Q | O | M | J | I | Y | A | H | D | G | E | F | X | C | V | B | T | Z | R | K | W

Arrows indicate the sequence of operations:

- A green arrow points from the letter **I** in the Keyboard row up to the **H** in the Top Rotor.
- A red arrow points from the **H** in the Top Rotor down to the **L** in the Middle Rotor.
- A green arrow points from the **L** in the Middle Rotor up to the **V** in the Bottom Rotor.
- A red arrow points from the **V** in the Bottom Rotor down to the **Z** in the Reflector.
- A green arrow points from the **Z** in the Reflector up to the **A** in the Keyboard.

Step 3: Rotor Turning Mechanics

On each solve, the rotors will turn but not randomly. This next section talks bout how rotor turning mechanics work.

You will notice a couple letters on the bottom row of the rotors have * next to them. Depending on which rotor it's on will have different effects:

- If the letter is at the leftmost edge of the right/top rotor. On the next solve, both the right/top and middle rotor will turn.
- However, if the letter is at the left most edge of the middle rotor, on the next solve, all 3 rotors will turn.
- If none of those apply, then on the next solve only the right/top rotor will turn
- Each turn only goes up 1 step on the rotor (Ex: A → B, G → H, Z → A, etc.)