On the Subject of Vigenère Cipher

Julius Caesar's little brother...by about 1600 years...

ABC123

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	0	1	2	3	4	5
	6	7	8	9	Submit		

- Take the first letter of the serial and the first letter of the code on the module, and translate them into numbers according to the Encryption Table below.
- Add the two numbers together, and turn them back into a letter with the same table. If the numbers add up to something above 35, then subtract 36 until the output is in the table.
- Repeat for the second letter of the code and the second letter of the serial, etc.

Encryption Table

A	8	S	21
B	0	T	25
C	16	U	26
D	12	V	34
E	5	W	17
F	11	X	35
G	10	Y	20
H	13	Z	24
I	28	0	7
J	22	1	29
K	32	2	23
L	6	3	31
M	18	4	1
N	30	5	2
O	14	6	9
P	3	7	33
Q	19	8	15
R	4	9	27