

	0029			
4	002A	00	} Debouncing count for opening of circuit	
5	002B	40		
6	002C	F6	LDB	
7	002D	D0		
8	002E	02		
9	002F	26	BNE to 0019	
A	0030	F8		
B	0031	09	DEX	
C	0032	26	BNE to 001C	
D	0033	F8		
E	0034	20	BRA to 0013	
FF	0035	DD		

Each wheel has 44_{10} teeth or $2C_{16}$

One turn = 1.5 inches = 44_{10} teeth = $2C_{16}$

On high speed - counted 133 RPM = 2.2 RPsec.

98 teeth/sec - on high speed - 1 tooth every 10 milli sec
or 1 tooth every 1000 micro sec.