$\overline{NMI}$

Bumber reading test program

	0010	86	LDA A	
	0011	7E	JMP	
	0012	97	STA	
	0013	FD		Address of $\overline{NMI}$ routine
	0014	CE	LDX	
	0015	00	} address of program	
	0016	4A		
	0017	DF	STX	
	0018	FE		
FD	0019	OE	CLI → Not needed	
FE	001A	20	BRA	
FF	001B	FD		
	4A	CE		} debouncing delay
	4B	00		
	4C	FF		
	4D	09		
	4E	26		
	004F	FD		
	0050	OF	SEI — Not needed	
	0051	B6	LDA	Load Info
	0052	DO		
	0053	03		
	0054	01	~~COM A~~ Invert Data Not Needed	
	0055	BD	JSR	Call OUT BYT
	0056	FE		
	0057	20		
	0058	BD	JSR	Call REDIS
	0059	FC		
	005A	BC		
	005B	3B	RTI	
	005C	3B	RTI	

Note: Operational Program must account for some one bumping the bumbers when robot is not moving.