

Note: with both wheels connected new program will need to shift data.
New program should also run motors

1-18-83

Program for counting & displaying tooth count of

Drive wheels

	0010	01	NOP	
	0011	4F	CLRA	
	0012	5F	CLRB	
DD	0013	CE	LDX	De bouncing count
E	0014	00		
F	0015	40		
D0	0016	F6	LDB	
1	0017	D0		
2	0018	02		
3	0019	C1	CMPB	
4	001A	80		
5	001B	26	BNE to 0003	
6	001C	F6		
7	001D	09	DEX dec. index	
8	001E	26	BNE to LDB	
9	001F	F6		
A	0020	4C	INCA	
B	0021	CE	LDX (Setup address of Display)	
C	0022	C1	(Displays on right side) V4C	
D	0023	2F		
E	0024	DF	STX	
F	0025	F0		
E0	0026	BD	JSR Out byt	
1	0027	FE		
2	0028	20		
3	0029	CE	LDX	