

X = "Closed"
0 = "Open"

Beede Rangeable Speedometer Switch Settings
(Pulses / Kilometer)

X = "Closed"
0 = "Open"

Pulse/ KM	Switch Setting 123456789101112	Pulse/ KM	Switch Setting 123456789101112	Pulse/ KM	Switch Setting 123456789101112	Pulse/ KM	Switch Setting 123456789101112
10000	XXXXXXXXXXXXX	14036	XXX0X0XXXX0	19707	XX00XXXX0XX	27669	XX0X00XXXX00
10050	XXXXXXXXXX0X	14106	XXX0X0XX0XX	19806	XX00XX0XXX	27807	XX0X00XX0XXX
10100	XXXXXXXXXX0XX	14177	XXX0X0XX000	19905	XX00XX00XX	27946	XX0X00XX000X
10150	XXXXXXXXXX00X	14248	XXX0X0X0X0X	20005	XX00XX0XXXX	28086	XX0X00X0XX00
10201	XXXXXXXXX0XXX	14319	XXX0X0X00X0	20105	XX00XX0X0XX	28226	XX0X00X00XX0
10252	XXXXXXXXX0X0X	14391	XXX0X00XXXX	20206	XX00XX00XXX	28367	XX0X00X00000
10303	XXXXXXXXXX00XX	14463	XXX0X000XX00	20307	XX00XX000XX	28509	XX0X000XX0XX
10355	XXXXXXXXXX000X	14535	XXX0X000X0X	20409	XX00X0XXXXX	28652	XX0X000X0X0X
10407	XXXXXXXXX0XXX	14608	XXX0X000XXX	20511	XX00X0XX0XX	28795	XX0X0000XXXX
10459	XXXXXXXXX0XX0X	14681	XXX0X000X00	20614	XX00X0X0XX0	28939	XX0X0000X00X
10511	XXXXXXXXX0X0XX	14754	XXX0X00000X	20717	XX00X0X00X0	29084	XX0X0000X00
10564	XXXXXXXXX0X000	14828	XXX00XXXXXX0	20821	XX00X00XX0X	29229	XX00XXXXXXX0
10617	XXXXXXXXX00XX0	14902	XXX00XX0XX	20925	XX00X00X0X0	29375	XX00XXXXX000
10670	XXXXXXXXX00X00	14977	XXX00XXXX000	21030	XX00X000XX0	29522	XX00XXXXX00X0
10723	XXXXXXXXX000X0	15052	XXX00XX0X0X	21135	XX00X0000X0	29670	XX00XX0XX00
10777	XXXXXXXXX00000	15127	XXX00XX00X0	21241	XX000XXX0X	29818	XX00XX00XX0
10831	XXXXXX0XXXX0	15203	XXX00X0XXXX	21347	XX000XX00X	29967	XX00XX00000
10885	XXXXXX0XXX00	15279	XXX00X0XX00	21454	XX000XX0X0X	30117	XX00XX0XX0X0
10939	XXXXXX0XX00X	15355	XXX00X0X00X	21561	XX000XX000X	30268	XX00XX0X0X00
10994	XXXXXX0X0XXX	15432	XXX00X00XX0	21669	XX000X0XX00	30419	XX00XX00XXX0
11049	XXXXXX0X0X0X	15509	XXX00X000XX	21777	XX000X0X000	30571	XX00XX00X000
11104	XXXXXX0X00XX	15587	XXX00X00000	21886	XX000X00X00	30724	XX00XX0000X0
11160	XXXXXX0X000X	15665	XXX000XX00	21995	XX0000XXXXX	30878	XX00X0XXX00
11216	XXXXXX00XXXX0	15743	XXX000XX00X	22105	XX0000XX0XX	31032	XX00X0XX0XX0
11272	XXXXXX00XX00	15822	XXX000X0XX0	22216	XX0000X0XX0	31187	XX00X0XX0000
11328	XXXXXX00X0X0	15901	XXX000X00XX	22327	XX0000X00X0	31343	XX00X0X0X00X
11385	XXXXXX00X000	15981	XXX000X0000	22439	XX00000XX0X	31500	XX00X0X000XX
11442	XXXXXX000X0X	16061	XXX0000XX0X	22551	XX00000X00X	31657	XX00X00XXX0X
11499	XXXXXX0000XX	16141	XXX0000X00X	22664	XX000000X00	31815	XX00X00X0XX0
11556	XXXXXX00000X	16222	XXX00000XX0	22777	XX000000000	31974	XX00X00X0000
11614	XXXXX0XXXXX0	16303	XXX000000XX	22891	XX0XXXXXX0XX	32134	XX00X00X0X0
11672	XXXXX0XXXX00	16385	XXX00000000	23005	XX0XXXXX0XXX	32295	XX00X00000XX
11730	XXXXX0XX0X0	16467	XX00XXXXXX00	23120	XX0XXXXX00X0	32456	XX000XXXXX0X
11789	XXXXX0XX0XXX	16549	XX00XXXXX00X	23236	XX0XXXXX0XX0	32618	XX000XXXX0X0
11848	XXXXX0XX0X0X	16632	XX0XXXXX0XX0	23352	XX0XXXXX000X	32781	XX000XX0000
11907	XXXXX0XX00XX	16715	XX0XXXXX00X0	23469	XX0XXXXX00X0	32945	XX000XX0X00X
11967	XXXXX0XX0000	16799	XX0XXXX0XXXX	23586	XX0XXXX0000	33110	XX000XX000XX
12027	XXXXX0X0XXX0	16883	XX0XXXX0XX00	23704	XX0XXXX0XX0X	33276	XX000X0XXX00
12087	XXXXX0X0XX00	16967	XX0XXXX0X000	23823	XX0XXXX0X0X0	33442	XX000X0X0X0X
12147	XXXXX0X0X00X	17052	XX0XXXX0X0X	23942	XX0XXXX000X	33609	XX000X00XXX
12208	XXXXX0X00XXX	17137	XX0XXXX000X0	24062	XX0XXXX0XX0X	33777	XX000X00X000
12269	XXXXX0X00X00	17223	XX0XX0XXXXX0	24182	XX0XX00X000	33946	XX000X00000X
12330	XXXXX0X000X0	17309	XX0XX0XX0XX	24303	XX0XX0000XX	34116	XX0000XX0X0
12392	XXXXX00XXXXXX	17396	XX0XX0X0XXX	24425	XX0XX0XXXXX0	34287	XX0000XX0X00
12454	XXXXX00XX0X	17483	XX0XX0X0X00	24547	XX0XX0XX00X	34458	XX0000X0XX0X
12516	XXXXX00XX0X0	17570	XX0XX0X0000	24670	XX0XX0XX0X0	34630	XX0000X00XX0
12579	XXXXX00XX000	17658	XX0XX00XX0X	24793	XX0XX0X0XXX	34803	XX00000XXXXX
12642	XXXXX00X0X0X	17746	XX0XX00X00X	24917	XX0XX0X0X0X0	34977	XX00000XX000
12705	XXXXX00X00XX	17835	XX0XX000XX0	25042	XX0XX0X00X0X	35152	XX00000X000X
12769	XXXXX00X0000	17924	XX0XX0000X0	25167	XX0XX0X0000	35328	XX000000X0X0
12833	XXXXX000XXX0	18014	XX0X0XXXXX0	25293	XX0XX00XX0XX	35505	XX00000000XX
12897	XXXXX000X0XX	18104	XX0X0XX0XX	25419	XX0XX00X0X0	35683	X0XXXXXXXXX00
12961	XXXXX000X00X	18195	XX0X0XX0XXX	25546	XX0XX00X00X	35861	X0XXXXXX0X0X
13026	XXXXX0000XX0	18286	XX0X0XX0X00	25674	XX0XX000XX00	36040	X0XXXXX0XX0X
13091	XXXXX00000XX	18377	XX0X0XX0000	25802	XX0XX0000XXX	36220	X0XXXXX00XX0
13156	XXXXX000000X	18469	XX0X0X0XX00	25931	XX0XX00000X0	36401	X0XXXXX0XXXXX
13222	XXXXX0XXXXXX0	18561	XX0X0X0X00X	26061	XX0X0XXXXX0X	36583	X0XXXXX0XX000
13288	XXXXX0XXX0XX	18654	XX0X0X00X0X	26191	XX0X0XXX0XXX	36766	X0XXXXX0X0000
13354	XXXXX0XXX00X	18747	XX0X0X0000X	26322	XX0X0XX00X0	36950	X0XXXXX00X00X
13421	XXXXX0XX0XX0	18841	XX0X00XXX0X	26454	XX0X0XX0X0X	37135	X0XXXXX0000X0
13488	XXXXX0XX00XX	18935	XX0X00XX0X0	26586	XX0X0XX0X000	37321	X0XXXXX0XX0X0
13555	XXXXX0XX000X	19030	XX0X00X0XX0	26719	XX0X0XX000X0	37508	X0XXXXX0XX00XX
13623	XXXXX0XX0XXX0	19125	XX0X00X00X0	26853	XX0X0X0XX0X	37696	X0XXXXX0X0XX
13691	XXXXX0XX0X0XX	19221	XX0X000XXX0	26987	XX0X0X0X000	37884	X0XXXXX00X00
13759	XXXXX0XX0X00X	19317	XX0X000X0X0	27122	XX0X0X0X00X0	38073	X0XXXXX00XX00
13828	XXXXX0XX00XX0	19414	XX0X0000XX0	27258	XX0X0X00XX0X	38263	X0XXXXX00X00
13897	XXXXX0XX000XX	19511	XX0X00000XX	27394	XX0X0000XXX	38454	X0XXXXX00XX0X
13966	XXXXX0XX00000	19609	XX00XXXXXXX	27531	XX0X0X0000X0	38646	X0XXXXX000X0X

Pulse/ KM	Switch Setting 1234567891011112	Pulse/ KM	Switch Setting 1234567891011112	Pulse/ KM	Switch Setting 1234567891011112	Pulse/ KM	Switch Setting 1234567891011112
38839	X0XX0XXXXX0X	55339	X000XX0X00X	78853	0X0X00XXXX0X	112354	0000000000X
39033	X0XX0XXX0XX0	55616	X000XX0XXXX0	79247	0X0X00X0XX0X	112916	00000000000
39228	X0XX0XX0XXX0	55894	X000XX0X00XX	79643	0X0X000XXXX0X		
39424	X0XX0XX00XX0	56173	X000XX00X000	80041	0X0X0000XX0X		
39621	X0XX0X0XXX0X	56454	X000X0XXX0X0	80441	0X00XXXXXX0X		
39819	X0XX0X0X0XX0	56736	X000X0XX00X0	80843	0X00XX0XX0X0		
40018	X0XX0X00XXX0	57020	X000X0X00XX0	81247	0X00X0XXX0X0		
40218	X0XX0X000XX0	57305	X000X00XX0XX	81653	0X00XX00XX0X		
40419	X0XX00XXXXX0	57592	X000X000XXX0	82061	0X00X0XXXX0X		
40621	X0XX00XX0XX0	57880	X000X0000X00	82471	0X00X0X0XX00		
40824	X0XX000X0XX0	58169	X0000XXX0000	82883	0X00X00XXX00		
41028	X0XX000X00XX0	58460	X0000XX0XX0X	83297	0X00X000X0XX		
41233	X0XX000XXXX0	58752	X0000XX0000X	83713	0X000XXXX0X0		
41439	X0XX000X0X0X	59046	X0000X0X0X0X	84132	0X000XX0X0X0		
41646	X0XX0000XX0X	59341	X0000X00X00X	84553	0X000X0XX00X		
41854	X0XX00000X0X	59638	X00000XXX0X0	84976	0X000X00X000		
42063	X0X0XXXXXX00	59936	X00000XX00X0	85401	0X0000XX0XXX		
42273	X0X0XXXXX0X00	60236	X00000X00XX0	85828	0X0000X00XX0		
42484	X0X0XXX0XX00	60537	X000000XX0X0	86257	0X00000X0X0X		
42696	X0X0XXX000XX	60840	X0000000XX0X	86688	0X00000000XX		
42909	X0X0XX0XX0XX	61144	X0000000000X	87121	00XXXXXX00X0		
43124	X0X0XX0X00X0	61450	0XXXXXXX0X0X	87557	00XXXXX0000X		
43340	X0X0XX00X00X	61757	0XXXXXX0X00X	87995	00XXXXX00XXXX		
43557	X0X0XX00000X	62066	0XXXXXX0XX000	88435	00XX0XXXXXX0		
43775	X0X0X0XX0000	62376	0XXXXXX0X0000	88877	00XX0X0XX000		
43994	X0X0X0X0XXXX	62688	0XXXXX0000XX	89321	00XXX00XX0X0		
44214	X0X0X0X00XX0	63001	0XXXX0XX0XXX	89768	00XX000X0000		
44435	X0X0X00XXXX0	63316	0XXXX0X0X0X0	90217	00XX0XX0XX00		
44657	X0X0X00X0X0X	63633	0XXXX00XXXX00	90668	00XX0XX00X00		
44880	X0X0X000XX00	63951	0XXXX00X000X	91121	00XX0X0X00X0		
45104	X0X0X00000XX	64271	0XXXX0000X00	91577	00XX0X000000		
45330	X0X00XXXX0X0	64592	0XXX0XX0XX0X	92035	00XX00X0XX00		
45557	X0X00XXX000X	64915	0XXX0XX0X0X0	92495	00XX000XX0XX		
45785	X0X00XX0X000	65240	0XXX0X0XX0X0	92957	00XX0000X00X		
46014	X0X00X0XXX00	65566	0XXX0X0X0000	93422	00X0XXX0XX00		
46244	X0X00X0X0X0X	65894	0XXX0X0000XX	93889	00X0XX0000XX		
46475	X0X00X00XX00	66223	0XXX00XX0XX0	94358	00X0XX0X000X		
46707	X0X00X0000XX	66554	0XXX000X000X	94830	00X0X0XXXX0X		
46941	X0X000XX000X	66887	0XXX0000XX00	95304	00X0X0X0XX0X		
47176	X0X000XX0000	67221	0XXX0000XX00	95781	00X0X00XX000		
47412	X0X000X00XXX	67557	0XXX0000000X	96260	00X0X0000X0X		
47649	X0X0000XX0X0	67895	0XX0XXX000XX	96741	00X00XX0000X		
47887	X0X0000X0X00	68234	0XX0XXX00XX0	97225	00X00X0XXXX0		
48126	X0X00000X0X0	68575	0XX0XX0XX000	97711	00X00X00X0XX		
48367	X0X000000000	68918	0XX0XX00X0X0	98200	00X000XX0XX0		
48609	X00XXXXX0XXX	69263	0XX0X0XXXX00	98691	00X000X000XX		
48852	X00XXXX0XX0X	69609	0XX0X0X0XXXX	99184	00X0000X0000		
49096	X00XXXX000XX	69957	0XX0X0X0000X	99680	000XXXXXX000		
49341	X00XXX0XX00X	70307	0XX0X00X00XX	100178	000XXXX0X000		
49588	X00XXX00XXXX	70659	0XX0X0000X0X	100679	000XXX0X0X00		
49836	X00XXX000XX0	71012	0XX00XX0XX0X	101182	000XX0000000		
50085	X00XX0XXX000	71367	0XX00XX0X000	101688	000XX0X0X0XX		
50335	X00XX0XX00X0	71724	0XX00X0XX0X0	102196	000XX00X0XXX		
50587	X00XX0X0X000	72083	0XX00X00XX00	102707	000XX00000XX		
50840	X00XX00XX0X0	72443	0XX000XXX0X0	103221	000X0XX0XXX0		
51094	X00XX00X00XX	72805	0XX000X0XXXX	103737	000X0X0XX0X0		
51349	X00XX000X00X	73169	0XX000X00000	104256	000X0X000X0X		
51606	X00X0XXXXXXX	73535	0XX0000X00X0	104777	000X00XX0000		
51864	X00X0XXX0X00	73903	0XX0000000XX	105301	000X000XX0XX		
52123	X00X0XX0X0X0	74273	0X0XXXXX0X00	105828	000X00000XX0		
52384	X00X0XX00000	74644	0X0XXXX00X0X	106357	0000XXXX000X		
52646	X00X0X0X0X0X	75017	0X0XXX0X0XX0	106889	0000XX0X00XX		
52909	X00X0X00X0XX	75392	0X0XXX000XXX	107423	0000XX0000XX		
53174	X00X0X000000	75769	0X0XX0XX0000	107960	0000X0XX000X		
53440	X00X00XX0X0X	76148	0X0XX0X0X00X	108500	0000X00XX0XX		
53707	X00X00X0X0XX	76529	0X0XX00XX0X0	109042	0000X0000X0X		
53976	X00X00X00000	76912	0X0XX000X0XX	109587	00000XXX0000		
54246	X00X000X0X0X	77297	0X0X0XXX00XX	110135	00000X0XX0X0		
54517	X00X0000X0X0	77683	0X0X0XX0XX00	110686	00000X000X00		
54790	X000XXXXXXX0	78071	0X0X0X0XXX00	111239	000000X0XX0X		
55064	X000XXX0X000	78461	0X0X0X00XX0X	111795	0000000X0XXX		

Formula to calculate
speedometer calibration:

$$\begin{aligned} & \text{PULSE PER MILE OR} \\ & \text{KILOMETER} \\ & = \\ & \text{REAR AXLE RATIO} \\ & \quad \times \\ & \text{TIRE REVS PER MILE OR} \\ & \text{KILOMETER} \\ & \quad \times \\ & \text{NUMBER OF PULSES FROM} \\ & \text{SENDER} \end{aligned}$$

For example:
REAR AXLE RATIO = 3.9:1
TIRE REVS PER MILE/KM =
300
PULSES FROM SENDER = 16

$$\begin{aligned} & \text{PULSES PER MILE/KM} = \\ & 3.9 \times 300 \times 16 = \\ & 18720 \end{aligned}$$

On chart select the number
which is closest to the outcome
of the formula. For this
example, it would be 18747.
Set switches accordingly.