

B.S.A. CYCLES LTD.

October, 1937.

Service Sheet No. 81.

MOTOR CYCLES. 1938 GEAR RATIOS.

Model—1938.		Standard Sprockets.			Suitable Sprockets.		Gear Ratios.			
		Home.	Export.	Sidecar	Comp. No.	No. Teeth.	4th.	3rd.	2nd.	1st.
B20	250 S.V. Tourer ...	17	17	—	15-1568	16	7.0	9.1	14.0	20.6
B21	250 O.H.V. Sports ...	18	18	—	15-1567	17	6.6	8.6	13.2	19.4
B22	250 O.H.V. Empire Star ...	18	18	—	15-1566	18	6.2	8.1	12.4	18.2
B23	350 S.V. Tourer ...	18	18	—	15-1565	19	5.9	7.7	11.8	17.25
B24	350 O.H.V. Empire Star ...	18	18	—	15-1568	16	6.0	7.8	12.0	17.0
					15-1567	17	5.7	7.3	11.4	17.2
B25	350 O.H.V. Competitions ...	16	16	—	15-1566	18	5.3	6.9	10.5	15.0
					15-1565	19	5.0	6.5	10.0	14.2
B26	350 O.H.V. Sports ...	17	17	—	15-1564	20	4.8	6.2	9.5	13.5
M19	350 O.H.V. de Luxe ...	18	18	16	15-1568	16	6.3	8.2	12.9	18.7
					15-1567	17	5.9	7.7	12.2	17.6
M20	500 S.V. Tourer ...	19	19	17	15-1566	18	5.6	7.3	11.5	16.7
					15-1565	19	5.3	7.0	10.9	15.8
M21	600 S.V. Tourer ...	21	21	18	15-1564	20	5.0	6.6	10.3	14.9
					15-1560	21	4.8	6.3	9.9	14.3
M22	500 O.H.V. Sports ...	21	21	18	15-1561	22	4.6	5.9	9.4	13.6
M23	500 O.H.V. Empire Star ...	21	21	18						
M24	500 O.H.V. Gold Star ...	21	21	—						
					15-1568	16	6.6	8.6	13.6	19.8
					15-1567	17	6.2	8.1	12.9	18.6
					15-1566	18	5.9	7.7	12.2	17.6
					15-1565	19	5.6	7.3	11.5	16.5
Y13	750 O.H.V. Vee Twin ...	22	22	20	15-1564	20	5.3	6.9	10.9	15.8
					15-1560	21	5.0	6.6	10.4	15.0
G14	1000 S.V. Vee Twin ...	23	23	22	15-1561	22	4.8	6.3	9.9	14.3
					15-1562	23	4.6	6.0	9.5	13.7