

# B.S.A. CYCLES LTD.

SERVICE SHEET No. 44.

Service, December, 1935.

MODEL.	Standard Sprockets.			Suitable Sprockets.		Gear Ratios.			
	Home.	Overseas.	Sidecar.	Component No.	No. of Teeth.	4th.	3rd.	2nd.	1st.
1936.									
X-0 1.49 h.p. O.H.V. ... ..	15	15	—	29-2030 29-974	15 16	— —	7.1 6.6	12.4 11.6	19.8 18.6
B-1 2.49 h.p. S.V. ... ..	16	16	—	27-293 27-297	16 17	— —	6.6 6.2	9.8 9.3	14.5 13.6
B-2 2.49 h.p. O.H.V. ... ..	17	16	—	27-298	18	—	5.9	8.7	13.0
B-18 2.49 h.p. O.H.V. Light de Luxe...	17	16	—	27-293 27-297 27-298	16 17 18	6.6 6.2 5.9	8.6 8.1 7.6	13.2 12.4 11.7	19.3 18.2 17.2
B-3 2.49 h.p. O.H.V. de Luxe ... ..	18	18	—	27-293 27-297	16 17	7.2 6.8	9.5 8.9	15.0 14.0	21.7 20.4
R-4 3.48 h.p. O.H.V. de Luxe ... ..	20	20	—	27-298 27-299	18 19	6.4 6.1	8.4 8.0	13.2 12.6	19.1 18.2
R-19 3.48 h.p. O.H.V. Competition ...	20	20	—	27-300 27-301	20 21	5.8 5.5	7.6 7.2	12.0 11.4	17.4 16.6
R-5 3.48 h.p. O.H.V. Empire Star ...	21	20	18	15-1568 15-1567	16 17	7.5 7.0	9.8 9.3	15.4 14.5	22.0 21.0
R-17 3.48 h.p. O.H.V. Standard ...	21	21	18	15-1566 15-1565	18 19	6.7 6.3	8.8 8.4	13.8 13.0	20.0 19.0
R-20 3.48 h.p. O.H.V. New Blue Star..	20	20	18	15-1564 15-1560	20 21	6.0 5.7	7.9 7.5	12.4 11.8	18.0 17.0
— G.P.O. 4.99 h.p. S.V. ... ..	21	—	19	15-1561 15-1562	22 23	5.4 5.2	7.2 6.9	11.2 10.7	16.2 15.5
W-6 4.99 h.p. S.V. ... ..	19	19	17	15-1568	16	6.3	8.4	12.9	18.8
Q-7 4.96 h.p. O.H.V. Standard ...	21	20	18	15-1567	17	5.9	7.8	12.2	17.6
Q-8 4.96 h.p. O.H.V. Empire Star ...	21	20	18	15-1566	18	5.6	7.3	11.5	16.6
Q-21 4.96 h.p. O.H.V. New Blue Star..	21	20	18	15-1565	19	5.3	7.0	10.9	15.8
J-12 4.98 h.p. O.H.V. Twin ... ..	21	21	17	15-1564 15-1560	20 21	5.0 4.8	6.6 6.3	10.3 9.9	14.9 14.3
M-10 5.95 h.p. S.V. ... ..	21	21	18	15-1568 15-1567 15-1566	16 17 18	6.5 6.2 5.9	8.6 8.2 7.8	13.6 12.9 12.2	19.5 18.6 17.6
Y-13 7.48 h.p. O.H.V. Twin ... ..	22	22	20	15-1565 15-1564	19 20	5.6 5.3	7.4 6.9	11.5 10.9	16.7 15.8
G-14 9.86 h.p. S.V. W.T. ... ..	23	23	22	15-1560 15-1561 15-1562	21 22 23	5.0 4.8 4.6	6.6 6.3 6.1	10.4 9.9 9.5	15.0 14.3 13.6