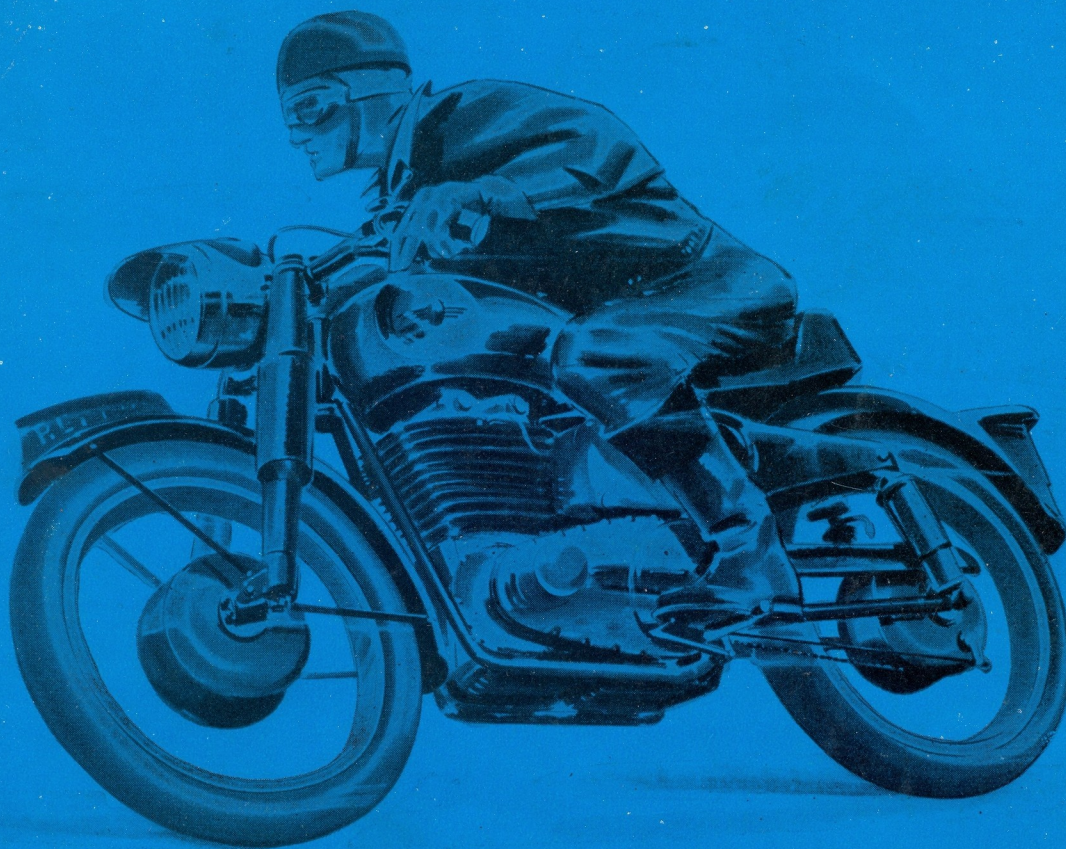




SMITHS MOTOR CYCLE EQUIPMENT

1963

THREE-WHEELERS, "BUBBLE" CARS, INVALID CARRIAGES — see back cover

SMITHS

Motor Cycle Equipment — 1963

MAKE	MODEL & DESCRIPTION	SPEEDOMETER		REV. INDICATOR	FLEXIBLE DRIVE ‡		GEAR BOX	GEAR RING	GEAR BOX PINION	SPEEDOMETER BRACKET	K.L.G. SPARKING PLUGS
		MILES	KILOS		COMPLETE	LENGTH					
A.J.S. (A.M.C.)	5 200 cc.	SN.3170/22	SN.3170/34		DF.1110/22	5'2"	BG.5330/227				
	6 250 cc.	SN.3170/22	SN.3170/34		DF.1110/22	5'2"	BG.5330/227				
	14 CSR 250cc	SN.3170/22	SN.3170/34		DF.1110/22	5'2"	BG.5330/227				
	16 350cc.	SC.1301/02	SC.1301/03		DF.1110/22	5'5"	BG.5330/867			31-674-110-02	FE.80
	16C 350cc.	SC.1302/01	SC.1302/02		DF.1110/22	5'2"	BG.5330/267			31-674-110-02	FE.80
	18 500cc.	SC.1301/02	SC.1301/03		DF.1110/22	5'5"	BG.5330/867			31-674-110-02	FE.80
	18C 650cc.	SC.1302/01	SC.1302/02		DF.1110/22	5'5"	BG.5330/267			31-674-110-02	FE.80
			RC.1304/00		DF.1111/15	2'5 3/4"	BG.1506/01				
	31 650cc.	SC.1301/02	SC.1301/03		DF.1110/22	5'5"	BG.5330/867			31-674-110-02	FE.80
			RC.1304/00		DF.1111/15	2'5 3/4"	BG.1506/01				
	31CS	SC.1302/01	SC.1302/02		DF.1110/22	5'5"	BG.5330/267			31-674-110-02	
			RC.1304/00		DF.1111/15	2'5 3/4"	BG.1506/01				
	31CSR 650cc.	SC.1301/02	SC.1301/03		DF.1110/22	5'5"	BG.5330/867			31-674-110-02	
			RC.1304/00		DF.1111/15	2'5 3/4"	BG.1506/01				
AMBASSADOR	31CSR 650cc. (Police)	SC.3303/52	-		DF.1110/22	5'5"	BG.5330/267			31-674-110-02	
	7R. 349cc. Ø			ATRC.2652	DF.1111/15	1'10"	BG.1507/01				
	Electra 75 ØØ	SC.3303/47	-		DF.1111/02	3'1"				31-674-109-02	
	Scooter 175 cc.	SN.3170/48	-		DF.1110/00	4'11"	BG.1521/027				
	Popular 197 cc.	SN.3170/05	-		DF.1111/02	3'1"	-				F.80
	Three Star Special										
	200cc.	SN.3170/05	-		DF.1111/02	3'1"	-				
	Super "S" Twin 250cc.										F.80
ARIEL	ØØ	SC.3303/19	SC.3303/31		DF.1111/02	3'1"				31-674-109-02	F.80
	Super "S" Sports 250cc										
	ØØ	SC.3303/19	SC.3303/31		DF.1111/02	3'1"				31-674-109-02	F.80
	Leader 250 cc.****	SC.5309/00	SC.5309/01		DF.1111/19	3'1"					FE.80
	ØØ	SC.1301/00	SC.1301/01								
	Arrow TS2. 250cc.	SN.3170/28	SN.3170/29		DF.1111/19	3'1"					FE.80

/ Optional Equipment
 Ø Mounting Ring MS. 1001/01 Also required
 ØØ Trip Versions

**** Optional Lever Clock CL.2104/00 Available.
 ‡ For Separate Inner & Outer Flexible Drives See Chart 1 (Page 9)

MAKE	MODEL & DESCRIPTION	SPEEDOMETER		REV. INDICATOR	FLEXIBLE DRIVE ‡		GEAR BOX	GEAR RING	GEAR BOX PINION	SPEEDOMETER BRACKET	K.L.G. SPARKING PLUGS
		MILES	KILOS		COMPLETE	LENGTH					
B.S.A.	D1 125cc.	SC.1102/07	SC.1102/08		DF.1110/21	4'8"	BG.5331/247				FE.70
	D7 175cc.	SSM.2001/00	SSM.2001/03		DF.9110/00	4'10 $\frac{1}{2}$ "	BG.5330/847				
	C15 250cc.	SSM.2001/00	SSM.2001/03		DF.9110/00	4'10 $\frac{1}{2}$ "	BG.5330/847				
	C15 Trials 250cc.	SC.1102/14			DF.1110/21	5'1"	BG.5330/847				FE.75
	C15 Sports 250cc.	SSM.2001/02	SSM.2001/03		DF.9110/00	4'10 $\frac{1}{2}$ "	BG.5330/847				
	C15 Starfire Roadster (USA only) 250cc. 00	SC.5301/03			DF.1110/20	4'8"	BG.5331/247				FE.75
	C15 Scrambler 250cc. 00 (USA only)	SC.5301/03			DF.1110/21	5'1"	BG.5330/847				
	B40 350cc	SSM.2001/02	SSM.2001/03		DF.9110/00	4'10 $\frac{1}{2}$ "	BG.5330/247				
	B40 SS90 350cc	SSM.2001/02	SSM.2001/03		DF.9110/00	4'10 $\frac{1}{2}$ "	BG.5330/247				
	B40 (USA) 350cc	SSM.2001/02	SSM.2001/03		DF.9110/00	4'10 $\frac{1}{2}$ "	BG.5330/247				
	B32/34 G.S. Clubmans (USA only) 499cc. 00	SC.5301/23			DF.1110/20	3'10 $\frac{3}{4}$ "					
				RC.1302/00	DF.1111/15	3'2"	BG.1508/04				
	B32/34 G.S. Clubmans and USA Model 499cc. 00	SC.5301/03	SC.5301/12		DF.1110/20	3'10 $\frac{3}{4}$ "					
				RC.1302/00	DF.1111/15	3'2"	BG.1508/04				
	B32/B34 Scrambler and USA Model 499cc. 00	SC.5301/07	SC.5301/08		DF.1110/20	3'10 $\frac{3}{4}$ "					FE.75
				RC.1302/00	DF.1111/15	3'2"	BG.1508/04				
	A50 Solo 500cc. 00	SC.3313/00	SC.3313/01		DF.1110/20	3'5"				31-674-110-02	FE.80
	A50 with Sidecar 500cc. 00	SC.3313/04	SC.3313/05		DF.1110/20	3'5"				31-674-110-02	
	A10 Super Rocket Less H/L Cowl & USA Model 646cc. 00	SC.5301/06	SC.5301/17		DF.1110/20	3'10 $\frac{1}{2}$ "					FE.100
				RC.1303/00	DF.1110/20	2'10 $\frac{1}{2}$ "					
	A10 Super Rocket with H/L Cowl 646cc. 00	SC.3305/04	SC.3305/05		DF.1110/20	3'8"				31-674-110-02	FE.100
				RC.1303/00	DF.1110/20	2'10 $\frac{1}{2}$ "					
	A10 Rocket Goldstar USA. & Scrambler 00	SC.5301/23			DF.1110/20	3'10 $\frac{3}{4}$ "					
				RC.1303/03	DF.1110/20	2'10 $\frac{1}{2}$ "					
	A10 Rocket Goldstar 00	SC.5301/03	SC.5301/12		DF.1110/20	3'10 $\frac{3}{4}$ "					
				RC.1303/03	DF.1110/20	2'10 $\frac{1}{2}$ "					
	A10 Golden Flash 650cc 00	SC.3305/04	SC.3305/05		DF.1110/20	3'8"				31-674-110-02	FE.70
	A65 Solo 650cc. 00	SC.3313/02	SC.3313/03		DF.1110/20	3'5"				31-674-110-02	
	A65 with Sidecar 650cc 00	SC.3313/00	SC.3313/01		DF.1110/20	3'5"				31-674-110-02	

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Trip Versions.

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For separate Inner & Outer Flexible Drive see Chart 1 (Page 9)

MAKE	MODEL & DESCRIPTION	SPEEDOMETER		REV. INDICATOR	FLEXIBLE DRIVE †		GEAR BOX	GEAR RING	GEAR BOX PINION	SPEEDOMETER BRACKET	K.L.G. SPARKING PLUGS
		MILES	KILOS		COMPLETE	LENGTH					
COTTON	Trials 197cc	SC.1102/06			DF.1111/15	4'6"	BG.2510/00	31-812-110	31-813-120		F.80
	Vulcan 197cc.	SN.3170/02	SN.3170/03		DF.1111/15	3'0"					F.80
	Corsiar 250cc	SN.3170/02	SN.3170/03		DF.1111/15	3'6"					F.80
	Continental 250cc.	SN.3170/02	SN.3170/03		DF.1111/15	3'6"					
	Continental D/L 250cc.	SN.3170/02	SN.3170/03		DF.1111/15	3'6"					
	Double Closter 250cc.	SN.3170/02	SN.3170/03		DF.1111/15	3'6"					F.80
	Herald 250cc.	SN.3170/02	SN.3170/03		DF.1111/15	3'6"					F.80
	Messenger 325cc. ØØ	SC.3303/17	SC.3303/02		DF.1111/15	3'6"				31-674-109-02	
D.K.R.	Capello Scooter 175cc (8 Volt)	SN.3171/01			DF.1110/00	3'1"	BG.5117/047				F.80
	Capello Scooter 175cc Deluxe (12 Volt) +	SN.3171/00			DF.1110/00	3'1"					
	Manx 250cc.	SN.3170/16			DF.1110/00	3'0"					F.80
D.M.W.	Bambi Scooter 98cc	SN.3170/52			DF.1106/14	3'0"	BG.5121/633				F.75
	Dolomite II 250cc. ØØ	SC.3303/42			DF.1111/15	3'2"				31-674-109-02	F.80
	Dolomite IIA 325cc ØØ	SC.3303/09	SC.3303/12		DF.1111/15	3'2"				31-674-109-02	F.80
	Mk 9	SC.1101/07	SC.1101/09		DF.1111/15	3'2"				31-674-114-01	F.80
	Mk. 15 Trials	SC.1101/02			DF.1110/20	5'0"					F.80
	15A Trials (American) ØØ	SC.5301/14			DF.1110/20	5'0"					
	Deemster KS. 250cc ØØ	SC.3303/41			DF.1111/15	3'2"				31-674-109-02	F.80
	Deemster ES. 250cc ØØ	SC.3303/41			DF.1111/15	3'2"				31-674-109-02	F.80
EXCELSIOR	G12 Consort 98cc	SC.1102/01	SC.1102/00		DF.1110/20	3'9½"	BG.5331/227			31-674-109-02	F.75
	F12 Consort 98cc ØØ	SC.3303/21	SC.3303/43		DF.1110/20	4'5½"				31-674-109-02	F.75
	Universal II 150cc	SC.1102/16			DF.1110/20	4'9"				31-615-417-01	
	ME.12 Scooter (12V) 150cc	SN.3170/10			DF.1110/20	4'5½"					
	Mk 12 Scooter (6V) 150cc	SN.3170/13			DF.1110/00	3'0"	BG.5116/047				FE.70D
		SN.3170/10			DF.1110/00	3'0"	BG.5116/047				
FRANCIS & BARNET	88 Fulmer 150cc	SN.3170/42			DF.1110/24	4'0"	BG.5330/247				
	90 Fulmer Sports 150cc	SSM.2001/00			DF.9110/00	4'5"	BG.5330/847				
	87 Falcon 200 cc	SN.3170/09			DF.1110/24	4'8"	BG.5330/247				
	80 Cruiser 200cc	SN.3170/09			DF.1110/24	4'9"	BG.5330/247				
	89 Cruiser 250cc.	SSM.2001/00			DF.9111/00	3'8"					
	91 Cruiser Sports 250cc	SSM.2001/02			DF.9111/00	3'1"					
	92 Trials	SC.1102/06			DF.1110/24	4'6"	BG.5330/247			31-615-417-01	

+ Tank Unit FT.5786/05 Fitted to Deluxe Models.
 ≠ Optional Equipment
 ØØ Trip Versions.

‡ For separate Inner & Outer Flexible Drive see Chart 1 (Page 9)

MAKE	MODEL & DESCRIPTION	SPEEDOMETER		REV. INDICATOR	FLEXIBLE DRIVE †		GEAR BOX	GEAR RING	GEAR BOX PINION	SPEEDOMETER BRACKET	K.I.G. SPARKING PLUGS
		MILES	KILOS		COMPLETE	LENGTH					
INVACAR (GREEVES)	20 TE Trials 197cc.	SC.1102/15			DF.1111/15	4'10"	BG.2504/01	31-813-125	31-812-110		
	24 TE Trials 250cc.	SC.1102/15			DF.1111/15	4'10"	BG.2504/01	31-813-125	31-812-110		F.80
	24 TES Trials 250cc.	SC.1102/15			DF.1111/15	4'10"	BG.2504/01	31-813-125	31-812-110		F.80
	20 DC 250cc.	SN.3170/09			DF.1111/16	4'8"	BG.2504/01	31-813-125	31-812-110		F.80
	24 DC 250cc.	SN.3170/09			DF.1111/16	4'8"	BG.2504/01	31-813-125	31-812-110		F.80
	25 DC 250cc.	SN.3170/09			DF.1111/16	4'8"	BG.2504/01	31-813-125	31-812-110		F.80
	24 DCX/S	SN.3170/09			DF.1111/16	4'11"	BG.2504/01	31-813-125	31-812-110		F.80
	25 DCX	SN.3170/09			DF.1111/16	4'11"	BG.2504/01	31-813-125	31-812-110		
	32 DCX	SN.3170/09			DF.1111/16	4'11"	BG.2504/01	31-813-125	31-812-110		
	Racer 250cc.			+RN.1102/03	DF.1111/15	2'6"	BG.1507/03				
INDIAN MATCHLESS	SC1 Papoose Scooter 150cc.	SN.3170/47			DF.1110/24	3'0"	BG.5330/027				FE.75
	G1 Pinto 150cc.	SN.3170/04			DF.1110/20	4'7"	BG.5330/227				
	G2 Pathfinder 250cc.	SN.3170/22			DF.1110/22	5'2"	BG.5330/227				
	G2CS Arrow 250cc.	SN.3170/31			DF.1110/22	5'2"	BG.5330/267				
	G80 Mohawk 500cc.										
	SC.1301/02				DF.1110/22	5'5"	BG.5330/267			31-674-110-02	
	G80CS Westerner 500cc.										
	SC.1302/01				DF.1110/22	5'5"	BG.5330/267			31-674-110-02	
	G80TCS Typhoon 600cc.										
	SC.1302/01				DF.1110/22	5'5"	BG.5330/267			31-674-110-02	FE.80
JAMES	G12 CS Apache 650cc.										
	SC.1302/01				DF.1110/22	5'5"	BG.5330/267			31-674-110-02	
	G12 CSR Apache 650cc.										
	SC.1302/01				DF.1110/22	5'5"	BG.5330/267			31-674-110-02	
	L1 98 cc.	SN.3170/04			DF.1110/20	4'7"	BG.5330/227				F.70
	M15 150cc.	SSM.2001/00			DF.9110/00	4'5"	BG.5330/847				
	SC1 Scooter 150cc	SN.3170/47			DF.1110/24	3'0"	BG.5330/027				FE.75
	L20 199cc	SN.3170/04			DF.1110/20	4'8"	BG.5330/227				
	L20S 199cc.	SSM.2001/02			DF.9110/00	4'8"	BG.5330/847				
	M25 Twin 250cc.	SSM.2001/00			DF.9111/00	3'1"					
LAMBRETTA MATCHLESS (A.M.C.)	M25STwin 250cc.	SSM.2001/02			DF.9110/00	3'4"					
	Rallymaster Scooter.	N.O.M.		RN.1103/00	DF.1111/15	4'2"	BG.1508/01				FE.75
	G1. 200cc.	SN.3170/02	SN.3170/34		DF.1110/22	5'2"	BG.5330/227				
	G2CSR 250cc.	SN.3170/22	SN.3170/34		DF.1110/22	5'2"	BG.5330/227				
	G4	SN.3170/22	SN.3170/34		DF.1110/22	5'2"	BG.5330/227				
	G3 350 cc. ØØ	SC.1301/02	SC.1301/03		DF.1110/22	5'5"	BG.5330/867			31-674-110-02	FE.80
	G3C 350cc. ØØ	SC.1302/01	SC.1302/02		DF.1110/22	5'2"	BG.5330/267			31-674-110-02	FE.80
	G50 496 cc. Ø			≠ ATRC.2652	DF.1111/15	1'10"	BG.1507/01				
	G80 500 cc. ØØ	SC.1301/02	SC.1301/03		DF.1110/22	5'5"	BG.5330/867			31-674-110-02	FE.80
	G80 CS. 500 cc. ØØ	SC.1302/01	SC.1302/02	≠ RC.1304/00	DF.1110/22	5'5"	BG.5330/267			31-674-110-02	FE.80
					DF.1111/15	2'5 $\frac{3}{4}$ "	BG.1506/01				

ØØ Trip Versions

Ø Mounting Ring MS.1001/01 Also required

≠ Optional Equipment.

+ Mounting Ring MS.1003/00 Also required

† For separate Inner & Outer Flexible Drive see Chart 1 (Page 9)

MAKE	MODEL & DESCRIPTION	SPEEDOMETER		REV. INDICATOR	FLEXIBLE DRIVE ‡		GEAR BOX	GEAR RING	GEAR BOX PINION	SPEEDOMETER BRACKET	K.L.G. SPARKING PLUGS
		MILES	KILOS		COMPLETE	LENGTH					
MATCHLESS (A.M.C.) cont'd	G12 650cc ØØ	SC.1301/02	SC.1301/03	RG.1304/00	DF.1110/22	5'5"	BG.5330/867			31-674-110-02	FE.80
	G12 CS 650cc ØØ	SC.1302/01	SC.1302/02		DF.1111/15	2'5 $\frac{3}{4}$ "	BG.1506/01			31-674-110-02	FE.80
	G12 CSR 650cc ØØ	SC.1301/02	SC.1301/03	RC.1304/00	DF.1110/22	5'5"	BG.5330/267			31-674-110-02	FE.80
	G12 CSR (Police - Machine)	SC.3303/52			DF.1111/15	2'5 $\frac{3}{4}$ "	BG.1506/01				
NORTON	Jubilee 250cc	SN.3170/26	SN.3170/27	ATRC 2652	DF.1110/24	5'1 $\frac{1}{2}$ "	BG.5330/247				FE.100
	50 OHV 348cc ØØ	SC.3303/17	SC.3303/02		DF.1110/22	5'7 $\frac{1}{2}$ "	BG.5330/257			31-674-109-02	FE.80
	3OM 348cc				DF.1111/15	1'9"	BG.1507/01				
	Navigator 350cc	SN.3170/26	SN.3170/27		DF.1110/24	5'1 $\frac{1}{2}$ "	BG.5333/287				
	500 SS 497cc ØØ	SC.3303/46	SC.3303/11	RC.1309/00	DF.1110/22	5'7 $\frac{1}{2}$ "	BG.5330/257			31-674-109-02	
					DF.1111/18	2'8"	BG.1508/05				
	88 Dominator 497cc ØØ	SC.3303/17	SC.3303/02	ATRC 2652	DF.1110/22	5'7 $\frac{1}{2}$ "	BG.5330/257			31-674-109-02	FE.80
	ES2 OHV 490cc ØØ	SC.3303/17	SC.3303/02		DF.1110/22	5'7 $\frac{1}{2}$ "	BG.5330/257			31-674-109-02	FE.80
	4OM 499cc				DF.1111/15	1'9"	BG.1507/01				
	99 Dominator 597cc ØØ	SC.3303/17	SC.3303/02		DF.1110/22	5'7 $\frac{1}{2}$ "	BG.5330/257			31-674-109-02	FE.80
	Normad 600cc ØØ	SC.3303/24	SC.3303/25	RC.1309/00	DF.1110/22	5'7 $\frac{1}{2}$ "	BG.5330/257			31-674-109-02	
	650 SS 650cc ØØ	SC.3303/46	SC.3303/11		DF.1110/22	5'7 $\frac{1}{2}$ "	BG.5330/257			31-674-109-02	
				RC.1309/00	DF.1111/18	2'8"	BG.1508/05				
	650 Manxman 650cc	SC.3303/46	SC.3303/11		DF.1110/22	5'7 $\frac{1}{2}$ "	BG.5330/257			31-674-109-02	
				RC.1309/00	DF.1111/18	2'8"	BG.1508/05				
	650/99 650cc	SC.3303/46	SC.3303/11		DF.1110/22	5'7 $\frac{1}{2}$ "	BG.5330/257			31-674-109-02	
				RC.1309/00	DF.1111/18	2'8"	BG.1508/05				
	Atlas Twin 750cc (American only)	SC.3303/46			DF.1110/22	5'7 $\frac{1}{2}$ "	BG.5330/257			31-674-109-01	
					DF.1111/18	2'8"	BG.1508/05				
PANTHER (PHELCN & MOORE)	*Princess Scooter 175cc	SN.3170/49			DF.1111/15	4'3"	BG.2517/00				F.75
	10/3 TS 197cc	SN.3170/45			DF.1111/15	5'0"					F.75
	10/4 TS. 197cc.	SN.3170/08			DF.1111/15	3'1"					F.75
	Princess Scooter ** 175cc	SN.3170/50			DF.1111/15	4'3"					F.75
	35 TS. Twin 249cc	SN.3170/02			DF.1111/15	3'1"					F.75
	35 TS. Sports 249cc	SN.3170/03			DF.1111/15	3'1"					
	45 Sports Twin 324cc.	SN.3170/24			DF.1111/15	3'1"					F.75
	50 Sports Twin 324cc	SN.3170/24			DF.1111/15	3'1"					F.75

/ Optional Equipment
 ØØ Trip Versions
 ‡ For separate Inner & Outer Flexible Drive see Chart 1 (Page 9)

* 12 Volt Version
 ** 8 Volt Version

MAKE	MODEL & DESCRIPTION	SPEEDOMETER		REV. INDICATOR	FLEXIBLE DRIVE ‡		GEAR BOX	GEAR RING	GEAR BOX PINION	SPEEDOMETER BRACKET	K.L.G. SPARKING PLUGS
		MILES	KILOS		COMPLETE	LENGTH					
ROYAL ENFIELD	Crusader Super 5. 250cc.	SC.1304/04	SC.1304/06		DF.1110/21	4'4"	BG.5331/247				F.80
	Crusader Sports 250cc.	SC.1304/04	SC.1304/06	RC.1302/00	DF.1111/15	3'7"	BG.1508/04				F.80
	Crusader Sports Airflow 250cc.	SC.1304/04	SC.1304/06	RC.1302/00	DF.1110/21	4'4"	BG.5331/247				F.80
	Continental 250cc	SC.1304/04	SC.1304/06	RC.1302/00	DF.1111/15	3'7"	BG.1508/04				F.80
	Clipper (Standard) 250cc.	SC.1304/04	SC.1304/06	RC.1302/00	DF.1110/21	4'4"	BG.5331/247				F.80
	Clipper (Airflow) 250cc.	SC.1304/04	SC.1304/06	RC.1302/00	DF.1111/15	3'7"	BG.1508/04				F.80
	Trials 250cc.	SC.1304/05		RC.1302/00	DF.1110/30	4'9"	BG.5303/10				F.80
	G2 Madras 350cc.	SC.1304/08			DF.1111/15	3'7"	BG.1508/04				F.80
	350 Bullet 350cc.	SC.1304/04	SC.1304/06		DF.1110/21	4'6"	BG.5331/247				F.70
	350 Bullet Airflow 350cc.	SC.1304/04	SC.1304/06	RC.1302/00	DF.1110/21	4'4"	BG.5331/247				F.70
	500 Sports Twin. 499cc	SC.1304/04	SC.1304/06	RC.1302/00	DF.1111/15	3'7"	BG.1508/04				F.80
	500 Sports Twin Airflow 499cc.	SC.1304/04	SC.1304/06		DF.1110/30	4'9"	BG.5303/10				F.80
	Constellation 692cc.	SC.1304/02	SC.1304/03		DF.1110/21	4'6"	BG.5331/247				FE.80
	Constellation Airflow 692cc.	SC.1304/02	SC.1304/03	RC.184	DF.1111/15	3'7"	BG.1506/01				FE.80
	T.20 SH. 199cc.	SSM.2001/00 SN.3172/00	SSM.2001/03		DF.1110/30	4'11"	BG.5331/247				FE.80
	T.20 SS. 199cc.	SSM.2001/00 SN.3172/00	SSM.2001/03	RC.184	DF.1111/15	3'7"	BG.1506/01				FE.80
	T.20 Trials 199cc.	SSM.2001/00 SN.3172/00	SSM.2001/03		DF.1110/00	4'10"	BG.5330/247				
	T.20 Scrambler 199cc.	SSM.2001/00 SN.3172/00	SSM.2001/03	RN.1102/02	DF.1110/20	4'10"	BG.5330/247				
TRIUMPH	T.20	SSM.2001/00	SSM.2001/03		DF.1158/00	2'10 $\frac{1}{2}$ "	BG.5330/247				
	TRW (Pakistan Army)	SC.3304/03			DF.9110/00	4'10"	BG.5330/247				
	Tigress Scooter	SN.3170/18			DF.1110/20	4'10"	BG.5330/247				
	Tina Scooter	SSM.1100/00	SSM.1100/01		DF.1158/00	2'10 $\frac{1}{2}$ "	BG.5330/247				
	3 TA Twenty One 348cc	SC.3304/11	SC.3304/18		DF.9110/00	4'10"	BG.5330/247				
					DF.1106/12	3'9"				31-674-110-02	
					DF.1106/14	4'8 $\frac{1}{2}$ "					
					DF.7250/00	2'11 $\frac{1}{2}$ "					
					DF.1110/20	4'10"	BG.5330/287			31-674-110-02	FE.75

‡ Optional Equipment
 Trip Versions

‡ For separate Inner & Outer Flexible Drive see Chart 1 (Page 9)

MAKE	MODEL & DESCRIPTION	SPEEDOMETER		REV. INDICATOR	FLEXIBLE DRIVE ‡		GEAR BOX	GEAR RING	GEAR BOX PINION	SPEEDOMETER BRACKET	K.L.G. SPARKING PLUGS
		MILES	KILOS		COMPLETE	LENGTH					
TRIUMPH	5TA Speed Twin 490cc. ØØ	SC.3304/11	SC.3304/18	RC.1307/01	DF.1110/20	4'10"	BG.5330/287			31-674-110-02	F.75
	Tiger 100 SC 500cc. ØØ	SC.5301/09	SC.5301/16		DF.1110/20	4'10"	BG.5330/287				
	Tiger 100 SS 500cc. ØØ	SC.5301/03	SC.5301/12		DF.1110/20	4'10"	BG.5330/207				
	T.90 Sports 500cc. ØØ	SC.5301/03	SC.5301/12		DF.1110/20	4'10"	BG.5330/207				
	T.100 Twin 500cc. ØØ	SC.5301/03	SC.5301/12		DF.1110/20	4'10"	BG.5330/207				
	6T. Thunderbird 649cc ØØ	SC.3304/12	SC.3304/15		DF.1106/11	3'4½"		31-832-558	31-832-228	31-674-110-02	FE.80
	T120 Thunderbird 649cc ØØ	SC.5301/23	SC.5301/28		DF.1106/13 DF.1158/00	3'4½" 2'10½"		31-832-558	31-832-228		
	TR6 Trophy Twin 649cc ØØ	SC.5301/03	SC.5301/12		DF.1106/13 DF.1158/00	3'4½" 2'10½"		31-832-558	31-832-228		FE.80
VELOCETTE	Viceroy Scooter	SN.3170/32	SN.3170/03	RC.1307/01	DF.1111/17	5'7"					FE.80
	Valiant Twin 192cc	SN.3170/02	SN.3170/03		DF.1111/17	2'9"					Ten L 100
	Valiant Vee Line 192cc.	SN.3170/02	SN.3170/03		DF.1111/17	2'9"					Ten L 100
	Lemark III S.V. Twin 192cc.	SN.3170/02	SN.3170/03		DF.1111/17	2'9"					Ten L 30
	Viper 349cc ØØ	SC.3308/00	SC.3308/01		DF.1110/22	5'3"	BG.5303/11			31-674-110-02	FE.100
	Viper Clubman 349cc ØØ	SC.3308/00	SC.3308/01		DF.1110/22	5'3"	BG.5303/11			31-674-110-02	FE.100
	Scrambler 349cc ØØ	SC.3308/00	SC.3308/01		DF.1110/22	5'3"	BG.5303/11			31-674-110-02	FE.100
	MSS 499cc ØØ	SC.3308/00	SC.3308/01		DF.1110/22	5'3"	BG.5303/11			31-674-110-02	FE.80
	Scrambler 499cc ØØ	SC.3308/00	SC.3308/01		DF.1110/22	5'3"	BG.5303/11			31-674-110-02	FE.100
	Venom 499cc ØØ	SC.3308/00	SC.3308/01		DF.1110/22	5'3"	BG.5303/11			31-674-110-02	FE.100
	Endurance 499cc ØØ	SC.3308/00	SC.3308/01		DF.1110/22	5'3"	BG.5303/11			31-674-110-02	FE.100
	Venom Clubman 499cc ØØ	SC.3308/00	SC.3308/01		DF.1110/22	5'3"	BG.5303/11			31-674-110-01	FE.100
	Venom 499cc (Special Export Models) Ø				DF.1111/15	3'0"	BG.1507/02				FE.100
VILLIERS	Scooter (India CKD)		SN.3170/55	ATRC.2652	DF.1111/15	4'7"					
	Fantablus 173cc		SN.3170/55		DF.1111/15	4'7"					

Ø Mounting Ring MS.1001/00 also required
 ØØ Trip Versions
 ≠ Optional Equipment

* Standard for U.S.A. & Optional for Home Market.
 ‡ For Separate Inner & Outer Flexible Drive see Chart 1 (Page 9)

Chart 1**FLEXIBLE DRIVES**

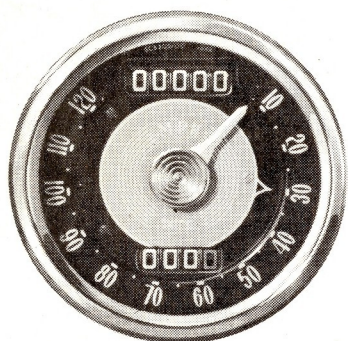
Flexible Drive (Complete)	Inner Flexible Drive (Only)	Outer Flexible Drive (Only)
DF.1106/11	DI.1124/00	DO.1106/11
DF.1106/12	DI.1124/00	DO.1106/12
DF.1106/13	DI.1124/00	DO.1106/13
DF.1106/14	DI.1124/00	DO.1106/14
DF.1110/00	DI.1110/00	DO.1110/00
DF.1110/20	DI.1124/00	DO.1110/20
DF.1110/21	DI.1124/00	DO.1110/21
DF.1110/22	DI.1124/00	DO.1110/22
DF.1110/24	DI.1124/00	DO.1110/24
DF.1110/30	DI.1124/00	DO.1110/30
DF.1111/00	DI.1110/02	DO.1111/00
DF.1111/02	DI.1110/02	DO.1111/02
DF.1111/15	DI.1111/00	DO.1111/09
DF.1111/16	DI.1111/00	DO.1111/10
DF.1111/17	DI.1111/00	DO.1111/11
DF.1111/18	DI.1111/00	DO.1111/12
DF.1111/19	DI.1111/00	DO.1111/13
DF.1158/00	DI.1110/11	DO.1158/00
DF.7250/00	(Non Detachable)	
DF.9110/00	DI.1124/05	DO.9110/00
DF.9111/00	DI.1124/06	DO.9111/00

Chart 1 above shows the code numbers of the separate inner and outer flexible drives which form the complete flexible drives listed in the specification section of this booklet.

SMITHS

Motor Cycle Equipment

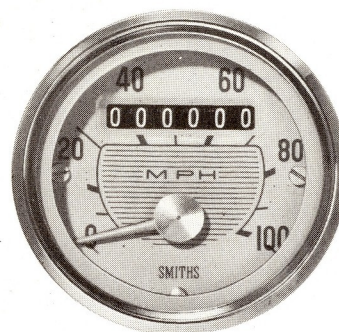
Illustrated on these pages is a representative range of the most popular types of motor cycle equipment manufactured by Smiths.



Speedometer 3" Chronometric Type

The movement is contained in a heavy pressed steel case, specially treated internally and externally against rust. The case is finished in black enamel and the screwed-on bezel is polished chromium plate. Also available with flange bezel and cadmium finished case for nacelle or headlamp installation.

Dial black with white figures and available with or without internal illumination.

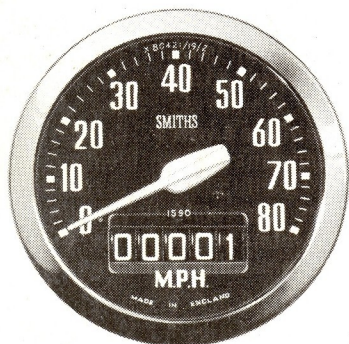


60 mm. 'Shallow' Speedometer.

Magnetic Type for Lightweight Motor Cycles. Anti-vibration mounting incorporated in the instrument case and fully geared counter assembly, to eliminate 'slip' or 'jumping', are important features of these new instruments.

Light grey dial with dark grey figures and red pointer. Polished Stainless Steel bezel. Internal illumination.

Suitable Flexible Drive, DF.9110/00 or DF.9111/00 Series.



60 mm. Speedometer

Nemag movement also for lightweight motor cycles. Strap or handle-bar fixing. Variety of dial colourings to choose from.

60 mm. Revolution Indicators

Revolution Indicators to match the 60 mm. speedometer are available. Maximum revolutions per minute, ratio and rotation available in any combination of the following:

MAX. R.P.M. 10,000 12,000 16,000

RATIO 2:1 4:1 4:1

ROTATION Clockwise or anti-clockwise.



3" Revolution Indicators

Chronometric movement.

Black dial, white figures and pointer, chrome bezel.

Right angle drive can be built in. A maximum hand may be incorporated if required.

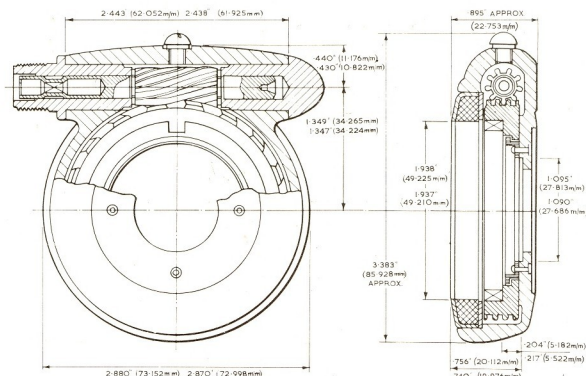
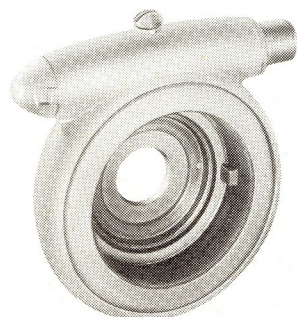
Maximum revolutions per minute, ratio and rotation available in any combination of the following:

MAX. R.P.M. 8,000 9,000 10,000 12,000

RATIO 2:1 4:1 4:1 4:1

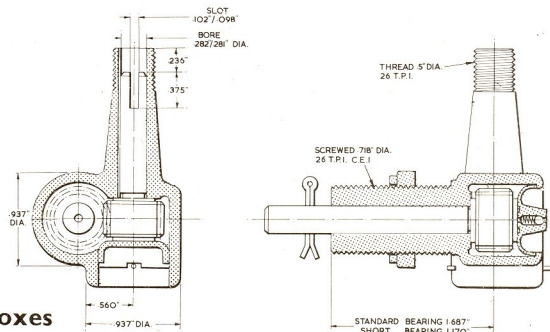
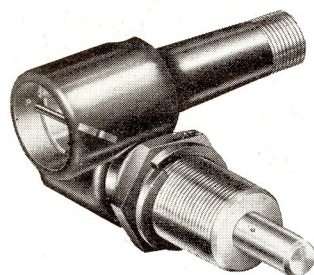
ROTATION Clockwise or anti-clockwise

All Smiths motor cycle speedometers are available to register either miles or kilometers per hour.



Gear Box Code No. BG.5331 & BG.5333 Series
(Replacing 52283/50-88, BG.5101 & BG.5103 Series)

This hub gear box has a thicker body section than those in the BG. 5303 Series (Previously 52283/1-49 Series) and uses the larger felt seal. It can be used where the hub is slotted to provide the necessary engagement or where other provision can be arranged. Clockwise or anti-clockwise input. Ratios: 1:1 & 2:1
 Suitable Flexible Drive DF. 1110/20 (Black PVC) or DF. 1110/24 (Grey PVC)

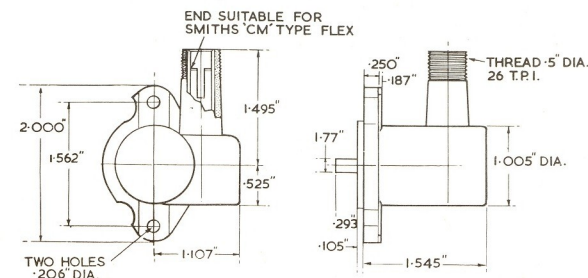
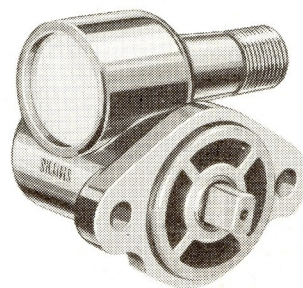


Brake Drum Fitting Gear Boxes

Basic Code

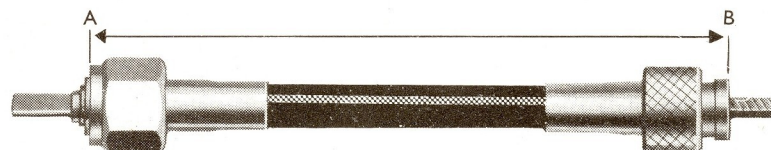
BG.2504 Series	(Replacing 34159 Series)	Short Reach.	Right Hand Gears	Ratios of 5:12. 8:12.
BG.2511 Series	(Replacing 70458 Series)	Long Reach.	Left Hand Gears	
BG.2500 Series	(Replacing 25224 Series)	Long Reach.	Right Hand Gears	
BG.2510 Series	(Replacing 70458 Series)	Short Reach.	Left Hand Gears	

Boxes available for either external gear ring drive or for internal brake-drum fitting, with left or right hand gears to maintain clockwise output.
 Suitable Flexible Drive for these right angle gear boxes: DF. 1111/15 (Black PVC) or DF. 1111/12 (Grey PVC)

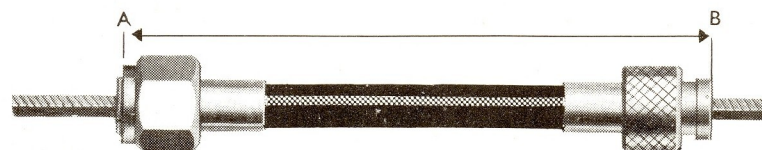


Gear Box Code No. BG. 1508 Series (Replacing 70549 Series)

These gear boxes reverse the rotation of the shaft to which they are attached. The rotation is determined by looking immediately on to the end of the engine spindle with which the gear box or flexible drive is engaged.
 Plain phosphor bronze bearings. Ratios 1:1 and 2:1.
 Suitable Flexible Drive DF. 1111/15 (Black PVC) or DF. 1111/12 (Grey PVC)



FLEX COMPLETE DF. 1111/15 (Black PVC) INNER DI. 1111.00 OUTER DO. 1111.09
 DF. 1111/12 (Grey PVC) DI. 1111.00 DO. 1111.08
DRIVING END **INSTRUMENT END**



FLEX COMPLETE DF. 1110/20 (Black PVC) INNER DI. 1124.00 OUTER DO. 1110.20
 DF. 1110/24 (Grey PVC) DI. 1124.00 DO. 1110.24

The nominal length of a flexible drive is measured between points 'A' and 'B'

THREE WHEELERS, "BUBBLE" CARS, INVALID CARRIAGES.

MAKE	MODEL & DESCRIPTION	SPEEDOMETER		REV. INDICATOR	FLEXIBLE DRIVE †		GEAR BOX	GEAR BOX FINISH	GEAR RING	SPEEDO BRACKET	K.L.G. SPARKING PLUGS
		MILES	KILOS		COMPLETE	LENGTH					
BOND	G 2/3 Seater Tourer	SN.4352/01			DF.1111/00	8'6"					F.75
	G 2/3 Seater Coupe	SN.4352/01			DF.1111/00	8'6"					F.75
	G 4 Seater Saloon	SN.4352/01			DF.1111/00	8'6"					F.75
	MK. G Estate Car	SN.4352/01			DF.1111/00	8'6"					
	MK. G Ranger Van	SN.4352/00			DF.1111/00	8'6"					
W & F BARRETT	Invalid Carriage	SC.1101/08			DF.1111/17	3'0"	BG.2507/01		31-812- 303-02		
INVACAR (GREEVES)	MK. 12 Invalid Carriage	SN.3170/25			DF.1111/00	8'4"	BG.2507/07	41-280- 118-00	31-812- 303-01		
SCOOTACAR	TS. 3 Wheeler (Standard)	SN.3170/15			DF.1111/02	6'6"					F.75
	TS. 3 Wheeler (Deluxe)	SN.3170/05			DF.1111/02	6'9½"					F.75
TIPPEN	Delta Invalid Carriage	SN.3170/33			DF.1111/15	8'0"	BG.2507/09				F.80

† For separate Inner & Outer Flexible Drive see Chart 1 (Page 9)

SMITHS

MOTOR ACCESSORY DIVISION

The Motor Accessory Division of **S. Smith & Sons (England) Ltd**

HEAD OFFICE
CRICKLEWOOD WORKS,
LONDON, N.W.2.
Telephone : Gladstone 3333

SALES AND SERVICE
50, OXGATE LANE,
LONDON, N.W.2.
Telephone : Gladstone 8030

Telegrams : Speedofac, London. Telex 22671.