

MAGNETOS



Model Interpretation

Prefix

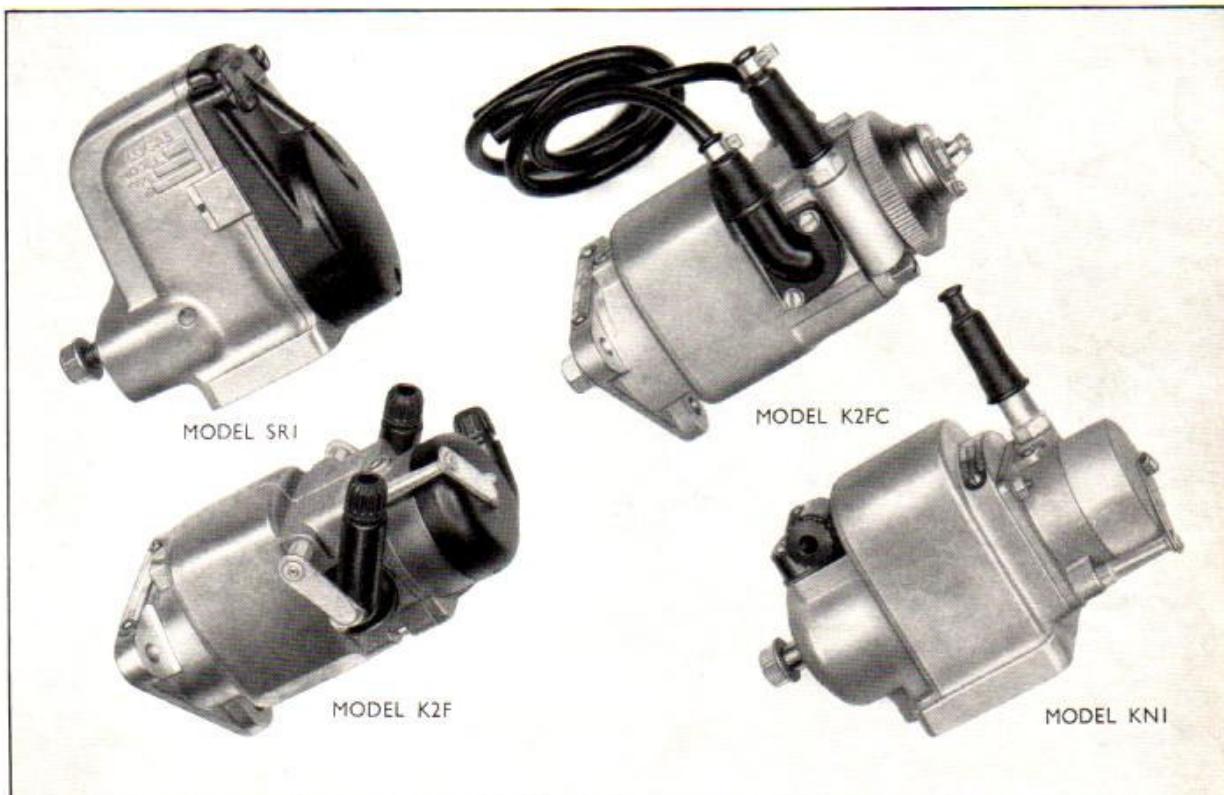
- K Lightweight unit.
- KN 45 mm. spindle height.
- KNR Special version of 'KN' magneto for racing.
- N 35 mm. spindle height.
- NC Special version of 'N' magneto for competition purposes.
- NR Special version of 'N' magneto for racing.
- SR Lightweight unit, rotating magnet type.
- SRR Special version of 'SR' for racing.

Prefix

- 1 Single cylinder.
- 2 Twin cylinder.
- V V Twin.

Suffix

- F Flange mounting.
- C Competition type.
- R Racing type.
- L Used with 'KN1', 'KN2' and 'N1' Models where ring type cam is fitted.



For detailed spare parts, see pages G11-G21

Model Reference

Model	Ordering No.						
K1F	42133	K2F	42344	KNR1	42157	N1	454116
K1F	42182	K2FC	42350	KNR1	457276	N1	454118
K1F	42183	K2FC	42368	KNV	42052	NC1	42347
K1F	42265	K2FR	42206	KNV	454919	NR1	42179
K1FC	42346	K2FR	42324	KNV	454920	SR1	42281
K1FR	42190	KN1	42040	KNV	454927	SR1	42283
K2F	42180	KN1	454506	KNV	455090	SR1	42293
K2F	42230	KN1L	42128	KVF	42134	SR2	42364
K2F	42248	KNC1	42348	N1	42018	SRR1	42357
K2F	42263	KNC1	42349	N1	42020	SRR1	42355
K2F	42298	KNR1	42123	N1	42272	SRR2	

MAGNETOS



MOTOR CYCLE APPLICATION

42018 Model N1, Type ET. Anti-clockwise rotation; right hand spring control.
O.K. SUPREME 250 c.c. 1937-39.

42020 Model N1, Type AO. Anti-clockwise rotation; left hand spring control.

A.J.S. 350 c.c. '26' 1937-39.
350 c.c. '16M' and '16MS' 1945-50.
500 c.c. '8', '9' and '18T' 1937-39.
500 c.c. '18' and '18S' 1937-52.

MATCHLESS 250 c.c. 'G2', 'G2M' and 'G2MC' 1937-39.

350 c.c. 'G3' 1936-52.

500 c.c. 'G80' 1937-52.

PANTHER 600 c.c. '100' 1950-51.

42040 Model KN1, Type LO. Anti-clockwise rotation; left hand spring control.

A.J.W. 500 c.c. Single cylinder 1937-40.
MAISON SAROLEA 350 c.c. (Racing) 1947.

42052 Model KNV, Type LO. Firing angle 50°; anti-clockwise rotation; left hand spring control.
MATCHLESS 1,000 c.c. Twin 1938-39.

42123 Model KNRI, Type AC52. Anti-clockwise rotation; right hand spring control.

B.S.A. 350 c.c. 'B32' and 500 c.c. 'B34' Competition Models 1950-56.
Racing Models 1957.

42128 Model KNIL, Type AC57. Anti-clockwise rotation; left hand spring control.

B.S.A. 350 c.c. 'B32' Competition 1945-48.

42133 Model K1F, Type SM/O. Anti-clockwise rotation; fixed control.

PANTHER 350 c.c. '75' 1949-54.

VELOCE 350 c.c. 'MAC' and 'Viper' 1952-57.
500 c.c. 'MSS' and 'Venom' 1952-57.

42134 Model KV1, Type GM/1. Clockwise rotation; fixed control.

VINCENT H.R.D. 1,000 c.c. 'Rapide' and 'Black Shadow' 1948-54.

42157 Model KNRI, Type AO. Anti-clockwise rotation; right hand spring control.

ARIEL 500 c.c. 'HS' Mk. I 'Red Hunter' Scrambles 1955-57.

ENFIELD 350 c.c. and 500 c.c. 'Trials Scrambler' 1955-57.

42179 Model NR1, Type AO. Anti-clockwise rotation; right hand spring control.

A.J.S. 350 c.c. and 500 c.c. Competition Models 1950-57.
(See also alternative magneto No. 42347).

MATCHLESS 350 c.c. and 500 c.c. Competition Models 1950-57.
(See also alternative magneto No. 42347).

42180 Model K2F, Type SM8. Anti-clockwise rotation; right hand spring control.

A.J.S. 500 c.c. '20' 1949-50.
500 c.c. 'Super Clubman' Twin 1949-50.

42182 Model K1F, Type GM2. Clockwise rotation; fixed control.

VINCENT H.R.D. 500 c.c. 'Comet' 1949-54 and 'Meteor' 1949-50.

42183 Model K1F, Type FE5. Anti-clockwise rotation; right hand spring control.

PANTHER 250 c.c. '65' 1949-57.
250 c.c. 'Stroud' 1950-53.
350 c.c. 'Stroud' 1950-54.
(See also alternative magneto No. 42190).
350 c.c. '75' 1957.

42190 Model K1FR, Type L. Anti-clockwise rotation; right hand spring control.

PANTHER 250 c.c. 'Stroud' 1950-53.
350 c.c. 'Stroud' 1950-54.
(Alternative magneto).

42206 Model K2FR, Type L. Clockwise rotation; left hand spring control.

DOUGLAS 350 c.c. Twin Competition 1951-52.

42230 Model K2F, Type SM. Anti-clockwise rotation; right hand spring control.

A.J.S. 500 c.c. '20' 1951-57.
600 c.c. '30' 1956-57.

MATCHLESS 500 c.c. 'G9' 1951-57.
600 c.c. 'G11' 1956-57.

42248 Model K2F, Type AC. Anti-clockwise rotation; fixed control.

ARIEL 500 c.c. 'KG' De Luxe 1948-51.
500 c.c. 'KH' and 'KHA' 'Red Hunter', 'Hunter Twin' and 'Fieldmaster' 1948-57.

650 c.c. 'FH' 'Huntmaster' 1954-57.

B.S.A. 500 c.c. 'AT' Twin 1947-57.

650 c.c. 'A10' 'Golden Flash' 1950-57.

MATCHLESS 500 c.c. 'Super Clubman' 1948.

NORTON 500 c.c. 'Dominator 7' 1949-55.

500 c.c. '77' 1957.

500 c.c. 'Dominator 88' 1952-57.

600 c.c. 'Dominator 99' 1956-57.

TRIUMPH 350 c.c. '3T De Luxe' 1946-51.

500 c.c. 'TR5 Trophy' 1949-50.

500 c.c. 'STAC' 'Speed Twin' 1946-52.

500 c.c. 'Tiger 100' 1946-50.

650 c.c. '6TAC' 'Thunderbird' 1950-53.

42263 Model K2F, Type AC53. Anti-clockwise rotation; left hand spring control.

B.S.A. 500 c.c. 'AT' 'Star Twin' 1951-54.

500 c.c. 'Shooting Star' 1954-57.

650 c.c. 'Road Rocket' 1955-57.

TRIUMPH 500 c.c. 'TR5 Trophy' 1951-55.

500 c.c. 'Tiger 100' 1951-54.

650 c.c. 'Tiger 110' 1954.

42265 Model K1F, Type SM/O. Clockwise rotation; right hand spring control.

EHRLICH 350 c.c. (2-stroke) 1952-55.

42272 Model N1, Type AO. Anti-clockwise rotation; right hand spring control.

A.J.S. 350 c.c. '16M' and '16MS' 1951-54.

500 c.c. '18' and '18S' 1953.

MATCHLESS 350 c.c. 'G3' 1953-54.

500 c.c. 'G80' 1953.

42281 Model SRI MKIIA. Anti-clockwise rotation; H.T. centre outlet; L.T. left hand outlet.

ENFIELD 350 c.c. and 500 c.c. 'Bullet' 1956-57.

42283 Model SRI MKIIA. Anti-clockwise rotation; H.T. centre outlet; L.T. left hand outlet.

PANTHER 600 c.c. '100' 1946-49.

42293 Model SRI MKIIA. Anti-clockwise rotation; H.T. centre outlet; L.T. left hand outlet.

A.J.S. 350 c.c. '16M' 1955 and '16MS' 1955-57.

500 c.c. '18' 1954-55 and '18S' 1954-57.

MATCHLESS 350 c.c. 'G3' 1955-57.

500 c.c. 'G80' 1954-57.

42298 Model K2F, Type RO. Anti-clockwise rotation; right hand spring control.

TRIUMPH 500 c.c. 'Tiger 100' and 650 c.c. 'Tiger 110' 1955-57.

42324 Model K2FR, Type L. Anti-clockwise rotation; right hand spring control.

TRIUMPH 500 c.c. 'Tiger 100' (Racing) 1957.

650 c.c. 'Tiger 110' (Racing) 1957.

42344 Model K2F, Type RO. Anti-clockwise rotation; fixed control.

TRIUMPH 500 c.c. 'STAC' 'Speed Twin' and 650 c.c. '6TAC' 'Thunderbird' (Export U.S.A.) 1956-57.

500 c.c. 'Tiger 100' and 650 c.c. 'Tiger 110' (Export U.S.A.) 1957.

42346 Model K1FC, Type EP/FE. Anti-clockwise rotation; right hand spring control.

VELOCE 500 c.c. Scrambler 1955-57.

42347 Model NCI, Type SM. Anti-clockwise rotation; right hand spring control.

A.J.S. 350 c.c. and 500 c.c. Competition Models 1957.

(See also alternative magneto No. 42179).

MATCHLESS 350 c.c. and 500 c.c. Competition Models 1957.

(See also alternative magneto No. 42179).

42348 Model KN1, Type AC. Anti-clockwise rotation; right hand spring control.

B.S.A. 350 c.c. 'B32' Competition Models 1956-57.

500 c.c. 'B34' 'Gold Star' Competition Models 1956-57.

42349 Model KN1, Type H-AQ. Anti-clockwise rotation; right hand spring control.

ENFIELD Competition Models 1957.

42350 Model K2FC, Type RO. Anti-clockwise rotation; right hand spring control.

TRIUMPH 500 c.c. 'TR5 Trophy' 1956-57.

650 c.c. 'TR6 Trophy' 1956-57.

42355 Model SRR2F, Racing Type. Anti-clockwise rotation; left hand spring control.

MATCHLESS 500 c.c. 'G45' 1957.

42357 Model SRR1, Racing Type. Anti-clockwise rotation; right hand spring control.

A.J.S. 350 c.c. '7R' single cylinder 1957.

42364 Model SR2 MKIIA. Clockwise rotation; L.T. left hand outlet.

ENFIELD 700 c.c. 'Super Meteor' 1956-57.

42368 Model K2F, Type R. Anti-clockwise rotation; fixed control.

TRIUMPH 500 c.c. 'STAC' 'Speed Twin' and 650 c.c. '6TAC' 'Thunderbird' (Export U.S.A.) later 1957.

MAGNETOS—MODELS K1F, K2F, KVF AND KNIL

DETAILED SPARE PARTS

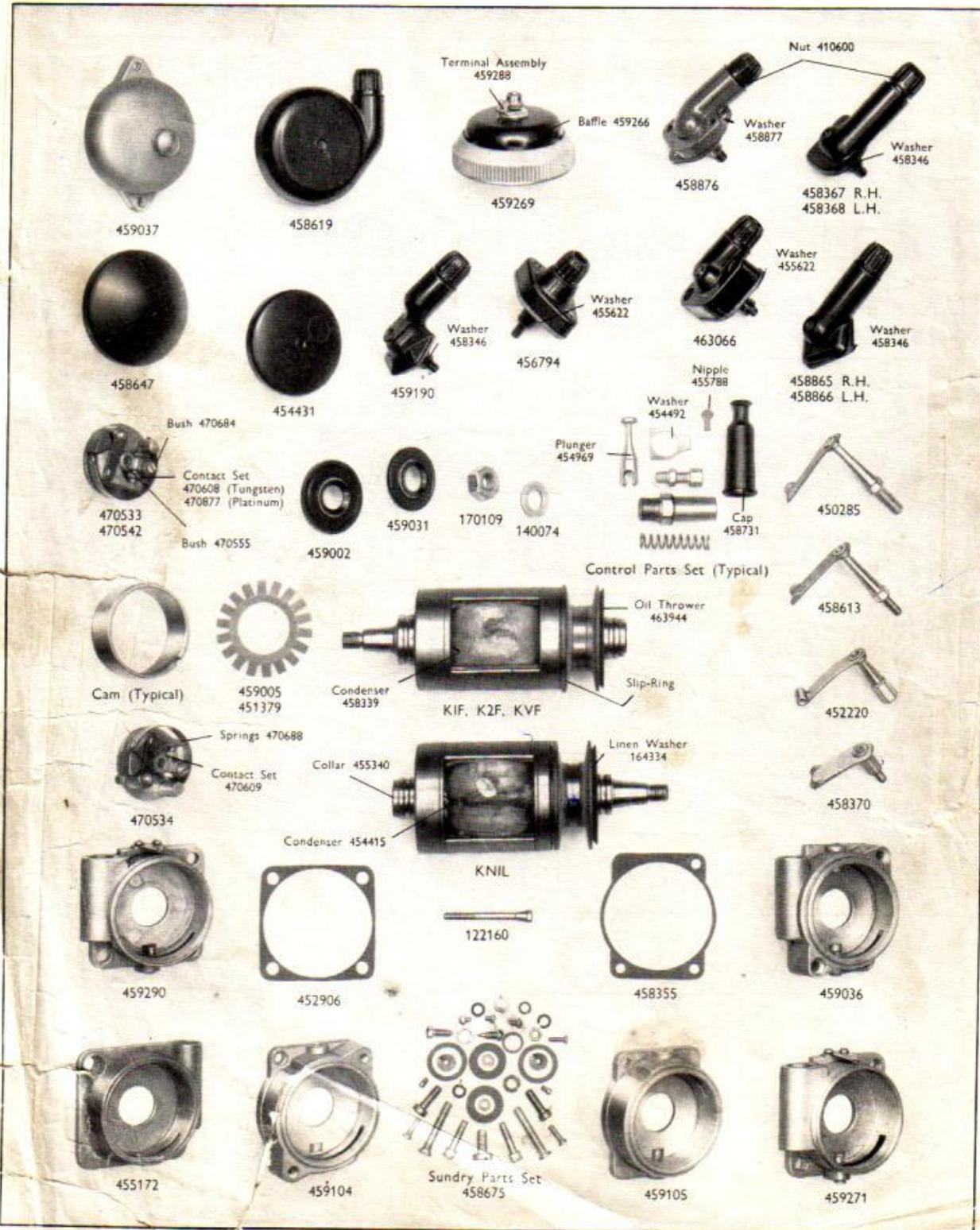
MUSICAL INSTRUMENTS

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continued



MAGNETOS—MODELS KIF, K2F, KVF AND KNIL



For detailed spare parts, see pages G13-G16

MAGNETOS-MODELS K1FC, K2FC, K1FR, K2FR, KNCI, KNRI, NRI AND NC1

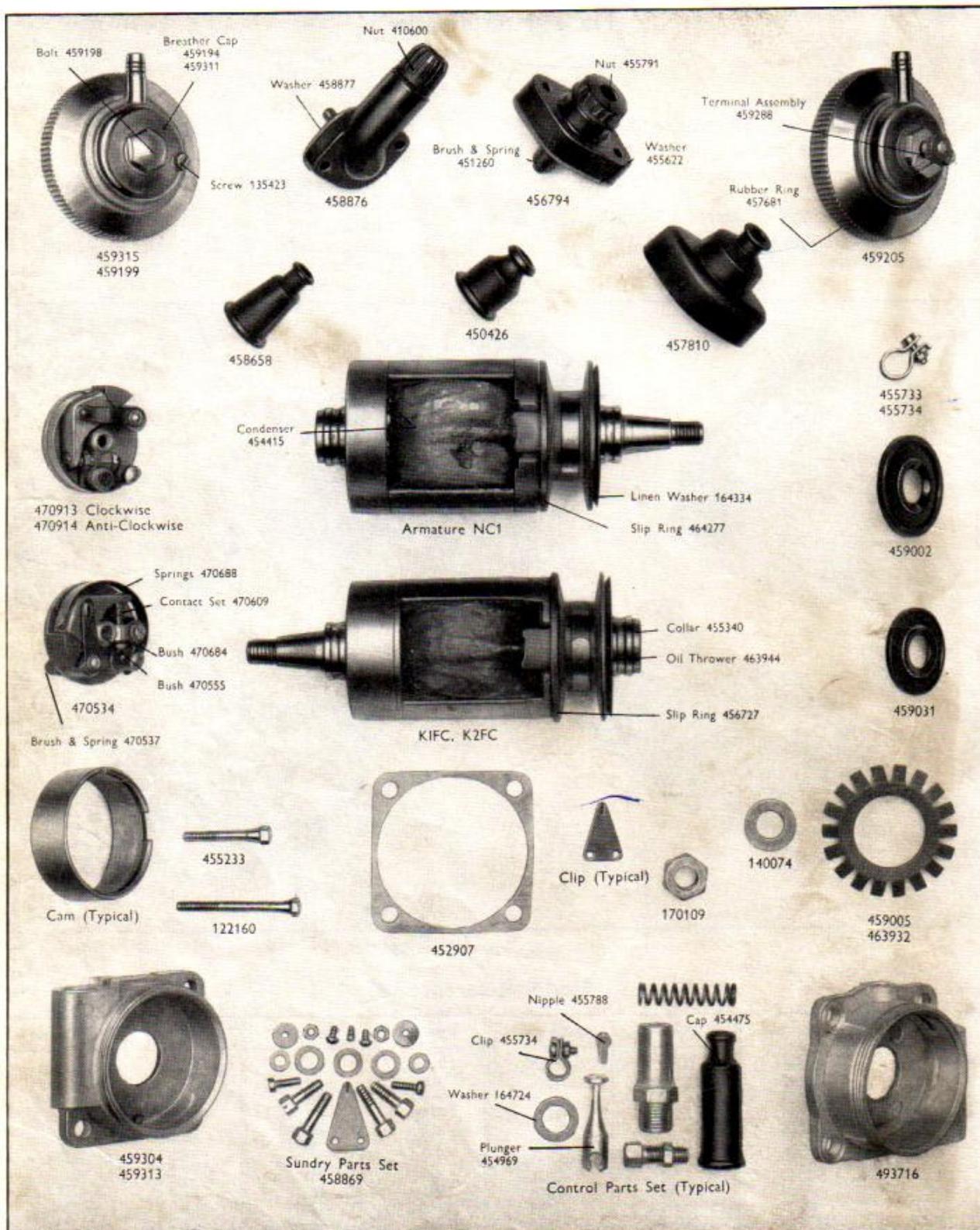
LCD SPARE PARTS

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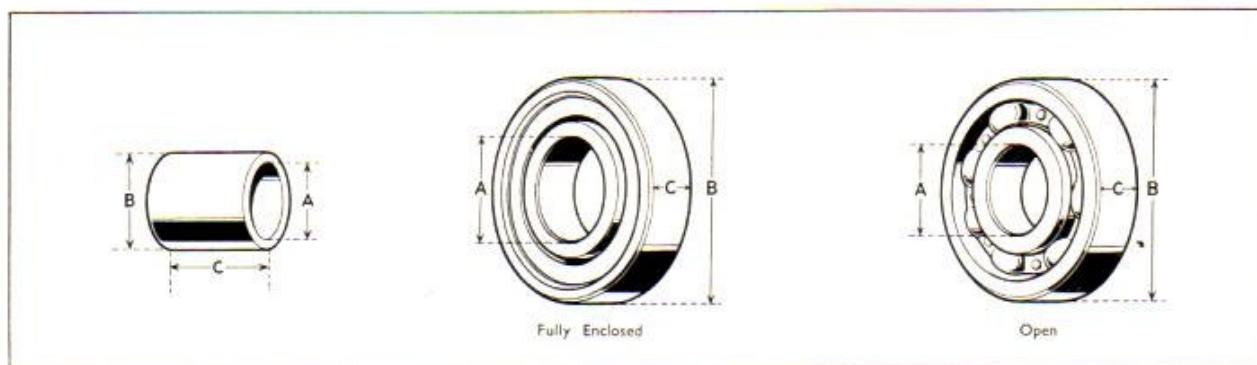


MAGNETOS—MODELS KIFC, K2FC, KIFR, K2FR, KNCI, NRI AND NCI



For detailed spare parts, see page G11

BEARINGS AND BUSHINGS



BEARING CHART

Ordering No.	Type	Description	Bore A	Outside Diameter B	Width C
189210	108	Single row; rigid ball journal; light type; metric sizes	8 mm.	22 mm.	7 mm.
189244	R18	Magneto Type; ball journal; metric sizes	18 mm.	40 mm.	9 mm.
189270	S1	'S' Type; single row ball journal; English sizes with cage	.250"	.750"	.218"
189284	A8	Ball journal; metric sizes	8 mm.	27 mm.	7 mm.
189289	A13	Magneto type; ball journal; metric sizes	13 mm.	30 mm.	7 mm.
189291	A15	Magneto type; ball journal; metric sizes	15 mm.	35 mm.	8 mm.
189294	N3048	Magneto Type; ball journal; metric sizes	15 mm.	37 mm.	8 mm.
189307	115	Single row; rigid ball journal; light type; metric sizes	15 mm.	35 mm.	11 mm.

BEARING APPLICATION

Ordering No.	Fitted to			Distributor	Application
	Magdyno		Magneto		
189210	MN2L and MO1L	—	—	—	Generator, commutator end.
189244	—	—	K1F, K1FC, K2F, K2FC and KVF	—	Drive end.
189270	—	—	—	DIA2	Camshaft.
189284	MSL1, MSL1S, MSLV, MSR1 and MSRV	—	—	—	Generator, commutator end.
189289	—	SR1 and SR2	—	—	Contact breaker end.
189289	MSL1, MSL1S, MSLV, MSR1 and MSRV	—	K1F, K2F, KN1, KNV, KVF and NI	—	Generator, drive end.
189291	MN1E, MN2, MN2E, MNV, MO1, MO1L, MSHV, MSL1, MSLV, MSR1 and MSRV	—	K1F, K2F, KNI, KNV, KVF, NI, SR1 and SR2	—	Contact breaker end.
189291	MN1E, MN2, MN2E, MNV and MO1	—	—	—	Drive end.
189294	MN1E, MN2, MN2E, MN2L, MNV, MO1 and MO1L	—	K1FC, K2F, K2FC and NC1	—	Contact breaker end.
189294	MN1E, MN2, MN2E, MN2L, MNV, MO1 and MO1L	—	—	—	Drive end.
189307	MN1E, MN2, MN2E, MN2L, MNR1, MNV, MO1, MO1L and MSHV	—	NC1	—	Generator, drive end.

BUSHING CHART

Ordering No.	Description	Dimensions in Inches		
		Bore (A)	Diameter (B)	Width (C)
200231	Oil-less bearing	.318	.441	.468
404374	Oil-less bearing	.492	.625	.625
410590	Oil-less bearing	.491	.625	.812
415314	Phosphor bronze	1.030	1.188	1.000
420406	Oil-less bearing	.489	.750	2.361
423571	Oil-less bearing	.490	.625	.812

BUSHING APPLICATION

Ordering No.	Fitted to	Application
200231	Magdynos MN1E, MN2, MN2E, MNV, MO1 and MSHV	Generator, commutator end
404374	Distributors DKX1A, DKX2A, DKX4A, DKXH2A and DKYH4A	Top
410590	Distributors DKX1A, DKX2A, DKX4A, DKXH2A and DKYH4A	Bottom
415314	Distributor DIA2	Bottom
420406	Distributors DKX2A, DKX4A and DKXH4A	Top
420406	Distributors DK2A, DKX1A, DKX4A and IBD2	Bottom
423571	Distributor 18D2	Top