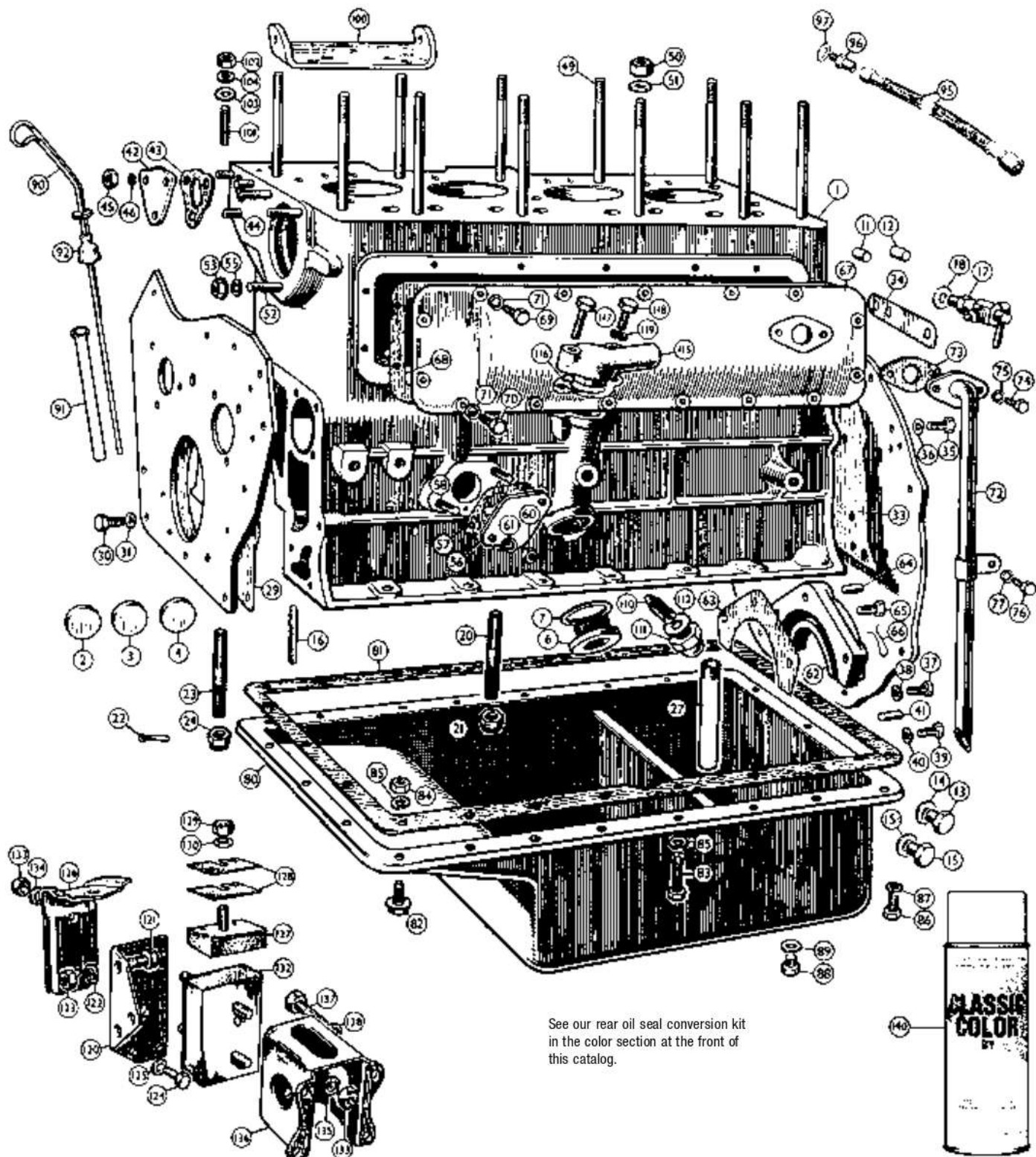


External Engine 100-4



See our rear oil seal conversion kit in the color section at the front of this catalog.

No.	Part No.	Price (each)	Description	Application	Qty. Req.
1	328-238	NA	CYLINDER BLOCK		1
			CORE PLUG SET, cylinder block, (includes ill. nos. 2, 3 & 4)		1
2	328-230		CORE PLUG, steel, cylinder block, 1 5/8"		5
	328-231		CORE PLUG, brass, cylinder block, 1 5/8" (not in set)		5
3	328-015	NA	CORE PLUG, steel, water gallery, side		1
4	328-260		CORE PLUG, steel, water gallery, rear, 1 5/16"		1
		NA	RESTRICTOR, cam bearing oil feed		1
6		NA	PLUG, distributor and oil pump spindle bores		2
7	324-810		WASHER, for plug		2
		NA	PLUG, oil ways and water gallery		7
	328-040		PLUG, main oil channel, front		1
	315-005		WASHER, copper		1

No.	Part No.	Price (each)	Description	Application	Qty. Req.
11		NA	TAPERED PLUG, main oil channel, rear		1
12		NA	TAPERED PLUG, block, top face		2
13	328-080	NA	THREADED PLUG, rear bearing cap		1
14	324-671		SEALING WASHER, 1/16"		A/R
15	328-180		PLUG, oil cooler boss		1
15a	324-671		WASHER for plug		1
16		NA	PLUG, felt, front and rear main bearing caps		4
17	835-600	NA	DRAIN TAP		1
18	324-671		SEALING WASHER, 1/16", fiber		A/R
	324-640	NA	SEALING WASHER, 3/32"		A/R

No.	Part No.	Price (each)	Description	Application	Qty. Req.
20	329-620		STUD, main bearing cap	} BN1 to C.E.207105	6
21	309-005		NUT		6
22			COTTER PIN, on nut		6
23	329-630		STUD, main bearing cap	} BN1 from C.E.207106, BN2	6
24	309-010		NUT		6
			WASHER, locking		6
27			GASKET, rear main bearing cap		1
29			DRAIN PIPE, rear bearing cap		1
30	320-560		GASKET, front mounting plate		1
31	324-040		BOLT, plate to block		5
33			WASHER, locking		5
34			GASKET, rear mounting plate		1
35			GASKET, rear mounting plate, top		1
36	324-040		BOLT, rear plate to block		8
37			WASHER, locking		8
38	365-730		BOLT, blanking unused holes		2
			WASHER, locking		2
39			BOLT, rear plate to bearing cap	} BN1 from C.E.226095, BN2	2
40	365-730		WASHER, locking		2
41	325-080		DOWEL, rear engine plate		2
42	697-305		BLANKING PLATE, front cover and water gallery		1
43	697-310		GASKET, front water gallery		1
44			STUD		3
45	311-050		NUT		3
46	324-020		WASHER, locking		3
49	328-785		STUD, cylinder head		11
50	310-840		NUT, cylinder head stud		11
51	324-475		WASHER, plain		11
52	329-635		STUD, water pump to block		3
53			NUT, shouldered, manifold side		2
	311-220		NUT, plain		1
55	324-040		WASHER, locking		3
56			BLANKING PLATE, fuel pump drive aperture		1
57			GASKET		1
58			STUD		2
			COLLAR, for stud		2
60	311-140		NUT		2
61	365-730		WASHER, locking		2
62	031-208		OIL THROWER, block		1
63	697-340		GASKET, oil thrower		1
64	325-350		DOWEL	BN1 from C.E.226095, BN2	2
65			BOLT		3
66			LOCKING WIRE	14" length	1
67	021-851		SIDE COVER		1
68	021-901		GASKET		1
69	320-950		BOLT, long		14
70	320-960		BOLT, short		1
71	324-225		WASHER, fiber		15
72	021-904		VENT PIPE, with clip		1
73			GASKET, vent pipe		1
74	320-960		BOLT, flange to block		2
75	324-020		WASHER, locating		2
76	320-360		BOLT, clip to block		1
77	365-730		WASHER, locking		1
80	021-120		SUMP, steel		1
81	021-057		GASKET, sump		1
82	320-935		BOLT, with washer, sump to block		20
			WASHER, plain, for bolt		20
83	320-190		BOLT, long, 5th from front L/H side, attaches exhaust bracket		1
84	311-050		NUT		1
85	324-020		WASHER, locking		1
86	320-180		BOLT, center, rear		1
87			WASHER, fiber		1
88	328-460		PLUG, oil drain		1
89	324-800		WASHER, copper		1
90	830-270		DIPSTICK		1
91	460-030		TUBE, dipstick		1
92	460-040		DUST CAP		1
95	376-182		OIL LINE, flexible	orig. type	1
	021-711		OIL LINE, flexible	replacement	1
96	021-902		UNION		1
97	324-671		WASHER		1
100	021-903		BRACKET, dynamo		1
101			STUD, bracket to block		4
102			NUT		4

External Engine 100-4

No.	Part No.	Price (each)	Description	Application	Qty. Req.
103	365-720		WASHER, plain		4
104	365-730		WASHER, locking		4
110	830-280		LOCATING SCREW, oil pump		1
111	310-850		CAP NUT		1
112	324-671		WASHER, fiber	original	1
			WASHER, copper	alternative	1
115			COVER, tachometer drive gear		1
116			GASKET, tachometer drive gear		1
117	320-400		BOLT, long		1
118	320-401		BOLT, short		1
119	365-730		WASHER, locking		2
120			BRACKET, engine support		2
121			BOLT, bracket to front engine plate		4
122	324-040		WASHER, locking		4
123	311-220		NUT		4
124			BOLT, bracket to block		4
125	324-040		WASHER, locking		4
126			BRACKET, engine mounting buffer		2
127	021-342		BUFFER, engine mounting (SAE threads)		2
128			PACKING PIECE, .048		A/R
			PACKING PIECE, .036		A/R
129	310-140		NUT		2
130	365-730		WASHER, locking		2
132	021-341		ENGINE MOUNT (SAE threads)		2
133	310-800		NUT		8
134			WASHER, locking		2
135			WASHER, locking		4
136			EXTENSION, engine mounting bracket		2
137	320-285		BOLT, extension to chassis		8
138	324-040		WASHER, locking		8

Note: Gearbox mountings are listed on page 62.

Engine Paint

140	220-550		ENGINE PAINT, metallic green. 12 oz. aerosol	A/R
Note: Some very early BN1 engines were painted a medium/dark bluish grey. We do not have paint in this color.				
	220-576		PRIMER, high temp for engine paint	A/R

Gaskets

524-012			HEAD GASKET SET	1
(includes gaskets for cylinder head, manifolds, valve cover, carb. mounting, water outlet elbow, exhaust flange, plus several misc. gaskets, washers, and small rubber seals)				
021-052			CONVERSION GASKET SET	1
(includes all items listed below)				
16	NA		PLUG, felt, front and rear main bearing caps	4
	NA		GASKET, rear main bearing cap	1
29	NA		GASKET, front mounting plate	1
33	NA		GASKET, rear mounting plate	1
34	NA		GASKET, rear mounting plate, top	1
43	697-310		GASKET, front water gallery	1
57	NA		GASKET, fuel pump blanking plate	1
63	697-340		GASKET, oil thrower	1
68	NA		GASKET, side cover	1
73	NA		GASKET, vent pipe	1
81	021-057		GASKET, sump	1
89	324-800		WASHER, copper, sump drain plug	1
116	NA		GASKET, tachometer drive gear	1
	NA		GASKET, for filter head and block	2
021-051			OIL SEAL, timing cover, felt	1
	NA		GASKET, timing cover	1
697-330			GASKET, water pump to block	1



Alloy Oil Pan

- Finned for improved oil cooling
 - Reinforces the engine block
 - Holds up better than steel to abrasion
 - Cast in bosses to attach baffles
 - Installation bolts included
- Short oil strainer 836-591 must be used, and the oil pickup tube shortened.

Oil Pan 021-119
Oil Strainer 836-591