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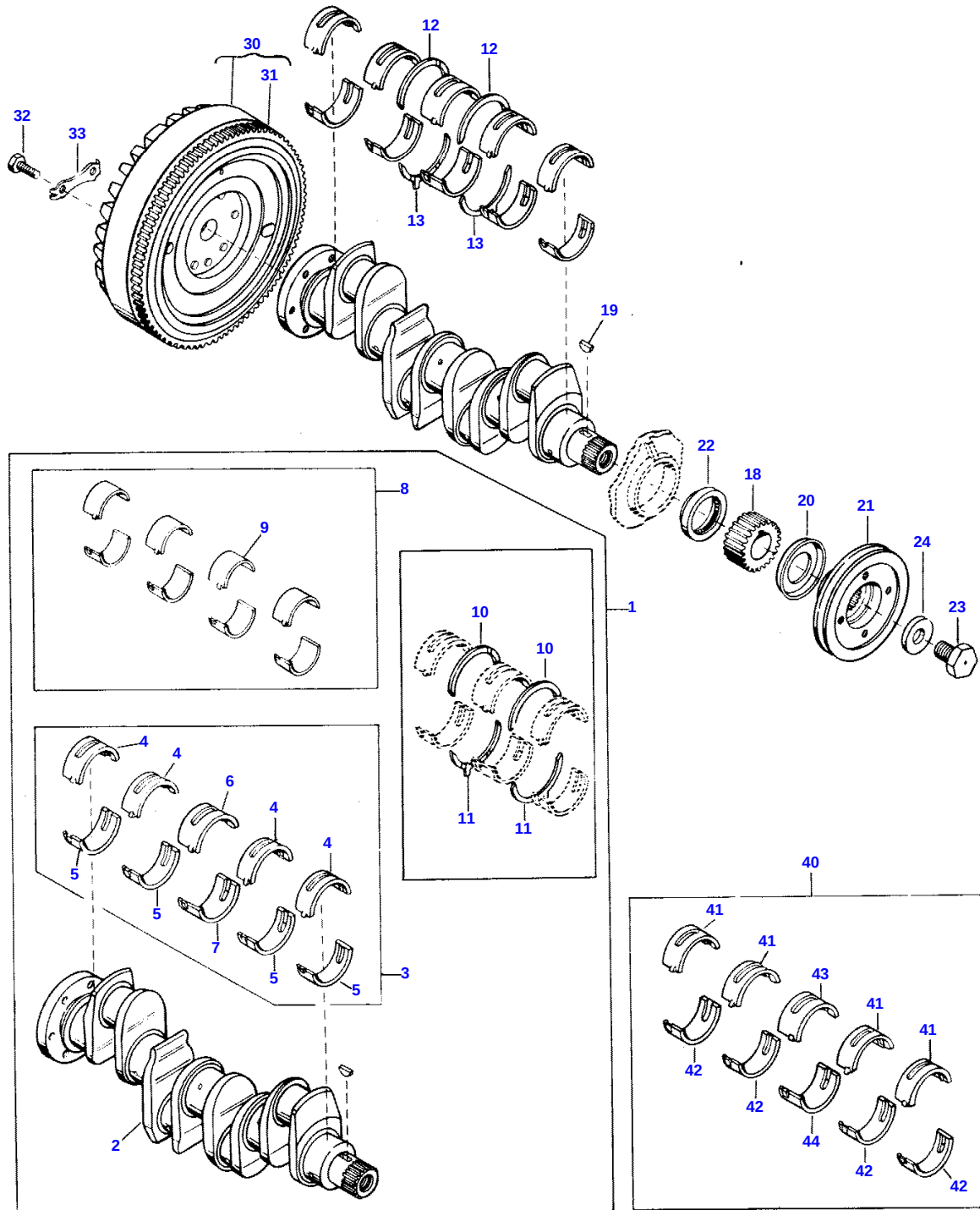
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4

CRANKSHAFT AND BEARINGS, FLYWHEEL

BE 2156



1st Print

651 197 M96 (Issue 1) 2/71

CRANKSHAFT AND BEARINGS, FLYWHEEL (PERKINS GAS)

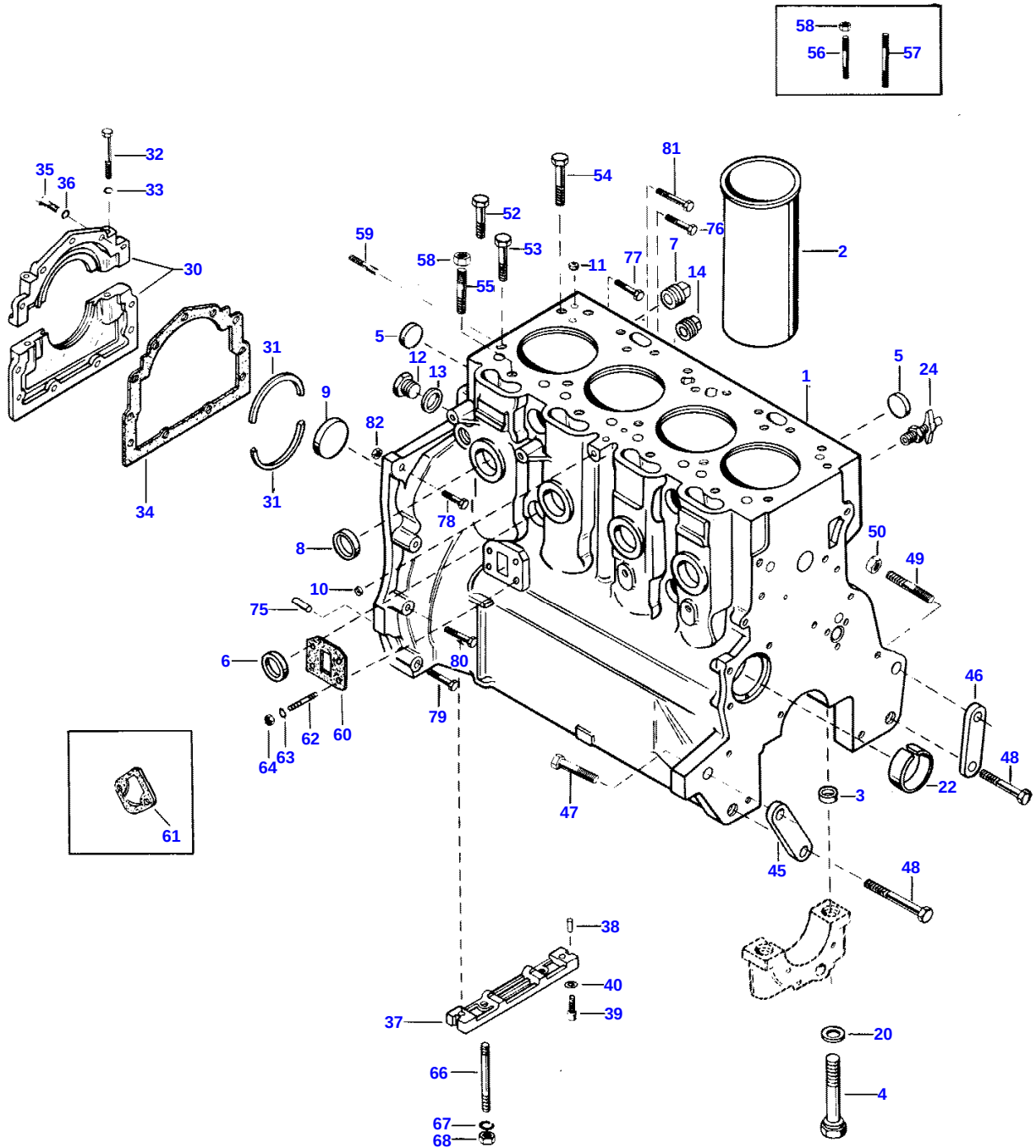
Item	Part Number	Qty	Description
1	736946M91	1	Kit, Crankshaft (Perkins No. 85721)
2		1	Crankshaft (Order 736946M91)
3	735168M91	1	Insert Set, Main Bearing (Std.) (Perkins No. 81558)
4	735103M1	4	Insert, Top (Front, Intermediate And Rear) (Perkins No. 31126391)
5	735104M1	4	Insert, Bottom (Front, Intermediate And Rear) (Perkins No. 31126381)
6	735105M1	1	Insert, Top (Center) (Perkins No. 31126371)
7	735106M1	1	Insert, Bottom (Center) (Perkins No. 31126361)
8	736950M91	1	Insert Set, Connecting Rod Bearing (Std.) (Perkins No. 85042)
9	733766M1	8	Insert, Connecting Rod (Perkins No. 31126311)
10	735337M1	2	Washer, Thrust, Upper (Std.) (Perkins No. 31137311)
11	735338M1	2	Washer, Thrust, Lower (Std.) (Perkins No. 31137321)
12	735742M1	AR	Washer, Thrust, Upper (+.007") (Perkins No. 31137312)
13	735743M1	AR	Washer, Thrust, Lower (+.007") (Perkins No. 31137322)
18	734749M1	1	Gear, Crankshaft (28 Teeth) (Perkins No. 31171681)
19	2196X	1	Key, Crankshaft Gear (1/4 x 7/8" Woodruff) (Perkins No. 0500012)
20	736041M1	1	Flange, Oil Slinger (Perkins No. 33157523)
21	736967M1	1	Pulley, Crankshaft (Perkins No. 31148931)
22	1446853M1	1	Seal, Oil (Perkins No. 2415361)
23	376184X1	1	Bolt (7/8 X 1-1/2" NF, Hex. Special) (Perkins No. 32162318)
24	376177X1	1	Washer, Flat, Special (Perkins No. 33125124)
30	734947M91	1	Flywheel Assembly (Live P.T.O.) (Incl. 31) (Perkins No. 0999965)
	513564M91	1	Flywheel Assembly (Independent P.T.O.) (Incl. 31) (Perkins No. 41112354)
31	731008M1	1	Gear, Ring (Perkins No. 0410236)
32	353593X1	6	Bolt (1/2 X 1-1/4" NF, Hex.)
33	731192M1	3	Tab Washer (Perkins No. 0921062)
40	735169M91	1	Insert Set, Main Bearing (-.010") (Perkins No. 81558A)
41	735448M1	4	Insert, Top (Front, Intermediate And Rear) (Perkins No. 31126392)
42	735445M1	4	Insert, Bottom (Front, Intermediate And Rear) (Perkins No. 31126382)
43	735442M1	1	Insert, Top (Center) (Perkins No. 31126372)
44	735439M1	1	Insert, Bottom (Center) (Perkins No. 31126362)
40	735170M91	1	Insert Set, Main Bearing (-.020") (Perkins No. 81558B)
41	735449M1	4	Insert, Top (Front, Intermediate And Rear) (Perkins No. 31126393)
42	735446M1	4	Insert, Bottom (Front, Intermediate And Rear) (Perkins No. 31126383)
43	735443M1	1	Insert, Top (Center) (Perkins No. 31126373)
44	735440M1	1	Insert, Bottom (Center) (Perkins No. 31126363)
40	735171M91	1	Insert Set, Main Bearing (-.030") (Perkins No. 81558C)
41	735450M1	4	Insert, Top (Front, Intermediate And Rear) (Perkins No. 31126394)
42	735447M1	4	Insert, Bottom (Front, Intermediate And Rear) (Perkins No. 31126384)
43	735444M1	1	Insert, Top (Center) (Perkins No. 31126374)
44	735441M1	1	Insert, Bottom (Center) (Perkins No. 31126364)

180 TRACTOR

2

CYLINDER BLOCK

BE 2155-3



74-28

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CYLINDER BLOCK (PERKINS GAS)

Item	Part Number	Qty	Description
	515275M92	1	Engine Assembly (Complete) (Live P.T.O.) (Perkins No. A64-236-20723)
	515278M92	1	Engine Assembly (Complete) (Independent P.T.O.) (Perkins No. A64-256-20724)
	1896315M91	1	(A) Block Assembly (Short) (Includes Liners, Pistons, Conn. Rods, Crankshaft And Inserts) (Perkins No. 22234)
	836342M91	1	(B) Block Assembly, Short (Includes Liners, Pistons, Conn. Rods, Crankshaft And Inserts) (Perkins No. 20427)
1	741730M91	1	(A) Block Assembly, Stripped (Includes Items 2 Thru 6) (Perkins No. 92877)
	739805M91	1	(A) Block Assembly (Stripped) (Perkins No. 90066)
2	736507M2	1	Liner, Cylinder Block (Perkins No. 31358341)
3	733072M1	10	Thimble, Main Bearing Cap (Perkins No. 33142111)
4	740647M1	10	Bolt (5/8 X 3-3/4" NF, Hex.) (Perkins No. 32181434)
5	735865M1	8	Plug (1-1/4" Cup Type) (Perkins No. 0650563)
6	376190X1	4	Plug (1-3/8" Cup Type) (Perkins No. 0650618)
7	363819X1	3	Plug (3/4" P.T. Sq. Hd.)
8	735869M1	4	Plug (1-1/2" Cup Type) (Perkins No. 0650577)
9	733705M1	1	Plug, Camshaft Chamber, Rear (Perkins No. 32416105)
10	736867M1	1	Plug (1/4" Expansion) (Perkins No. 32417133)
11	736868M1	1	Plug (5/16" Cup Type) (Perkins No. 32417134)
12	376180X1	1	Plug (7/8" NF, Hex., Sckt.) (Perkins No. 0650582)
13	376196X1	1	Washer (29/32 X 1-1/8 X 3/32" Copper) (Perkins No. 0920130)
14	365333X1	1	Plug (1/4" P.T. Hex. Sckt. Hd.)
20	731141M1	10	Shim (43/64" I.D. X 1" O.D. X .020" Thk.) (Perkins No. 0760001)
22	734883M1	1	Bushing, Camshaft (2 X 2-3/16 X 1-1/4") (Perkins No. 31134132)
24	1851764M1	1	Drain, Cylinder Block (Perkins No. 31419)
30	734975M92	1	Housing Assembly, Rear Oil Seal (Perkins No. 59537)
31	735942M1	2	Seal, Housing, Crankshaft, Rear (Perkins No. 36883108)
32	353531X1	2	Bolt (5/16 X 2-1/2" NF, Hex.) (Perkins No. 0096238)
33	353446X1	2	Washer (5/16" Lock)
34	735110M1	1	Gasket, Housing (Perkins No. 3681736)
35	353519X1	11	Bolt (5/16 X 1" NF, Hex.) (Perkins No. 0746211)
36	353446X1	11	Washer (5/16" Lock)
37	734841M1	1	Bridge Piece, Block (Perkins No. 36277831)
38	733721M1	2	Gasket, Bridge Piece (Perkins No. 32811408)
39	376572X1	2	Screw (1/4 X 3/4" Special) (Perkins No. 2176369)
40	735898M1	2	Washer (17/64 X 7/16 X 1/32") (Perkins No. 0920521)
45	507760M2	1	Spacer, Front Support (Right)
46	507761M1	1	Spacer, Front Support (Left)
47	354289X1	1	Bolt (5/8 X 3" NC, Hex.)
48	354681X1	2	Bolt (5/8 X 4-1/4" NC, Hex.)
49	833749M1	1	Stud (5/8" X 3-5/8" NC-NF)
50	353427X1	1	Nut (5/8" NF, Hex.)
52	739504M1	6	(C) Bolt (1/2 X 3-1/2" NF, Hex.) (Perkins No. 32181424)
53	739505M1	12	(C) Bolt (1/2 X 4-1/8" NF, Hex.) (Perkins No. 32181425)
54	739506M1	2	(C) Bolt (1/2 X 4-15/16" NF, Hex.) (Perkins No. 32181426)
55	735245M1	6	(D) Stud (1/2" NF X 4-1/8") (Perkins No. 32526312)
56	735244M1	12	(E) Stud (1/2" NF X 5-1/2") (Perkins No. 32526311)
57	735346M1	2	(E) Stud (1/2" NF x 5-9/16") (Perkins No. 32526313)
58	376672X1	20	(F) Nut (1/2" NF, Special)
59	735832M1	2	Stud (7/16" NC-NF x 1-5/16") (Perkins No. 0828015)
60	740861M1	1	(A) Gasket, Lift Pump (4 Hole) (Perkins No. 36851113)
61	737080M1	1	(B) Gasket, Fuel Pump (2 Hole) (Perkins No. 36862166)
62	731311M1	4	(G) Stud (5/16" NF X 1-1/16") (Perkins No. 0826203)
63	353446X1	4	(G) Washer (5/16" Lock)
64	353916X1	4	(G) Nut (5/16" NF, Hex.) (Perkins No. 0576002)
66	734882M1	2	Stud (5/16" NF X 3-15/16") (Perkins No. 32517128)
67	353446X1	2	Washer (5/16" Lock)
68	353916X1	2	Nut (5/16" NF, Hex.) (Perkins No. 0576002)
75	191314M1	2	Dowel (3/8 X 25/32")
76	353548X1	1	Bolt (3/8 X 2-1/4" NF, Hex.)
77	353706X1	1	(H) Bolt (7/16" X 2" NC, Hex.)
	353710X1	1	(I) Bolt (7/16 X 2-1/2" NC, Hex.)
78	831188M1	1	Bolt (7/16 X 2" NC, Hex., Full Thrd.)
79	353708X1	3	Bolt (7/16 X 2-1/4" NC, Hex.)
80	353712X1	1	Bolt (7/16 X 2-3/4" NC, Hex.)
81	353714X1	1	Bolt (7/16 X 3" NC, Hex.)
82	355645X1	1	Nut (7/16" NC, Hex.)

Item	Part Number	Qty	Description
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			(A) - Used Engine Serial Number 236UA57265 And Up.
			(B) - Used Prior to Engine Serial Number 236UA57265.
			(C) - Used Engine Serial Number 236UA42748 And Up.
			(D) - Quantity Was 8 Prior To Engine Serial Number 236UA42748.
			(E) - Used Prior To Engine Serial Number 236UA42748.
			(F) - Quantity Was 22 Prior To Engine Serial Number236UA42748.
			(G) - Quantity Was 2 Prior To Engine Serial Number 236UA57265.
			(H) - Used Engine Serial Number236UA835A And Up.
			(I) - Used Prior To Engine Serial Number 236UA835A.