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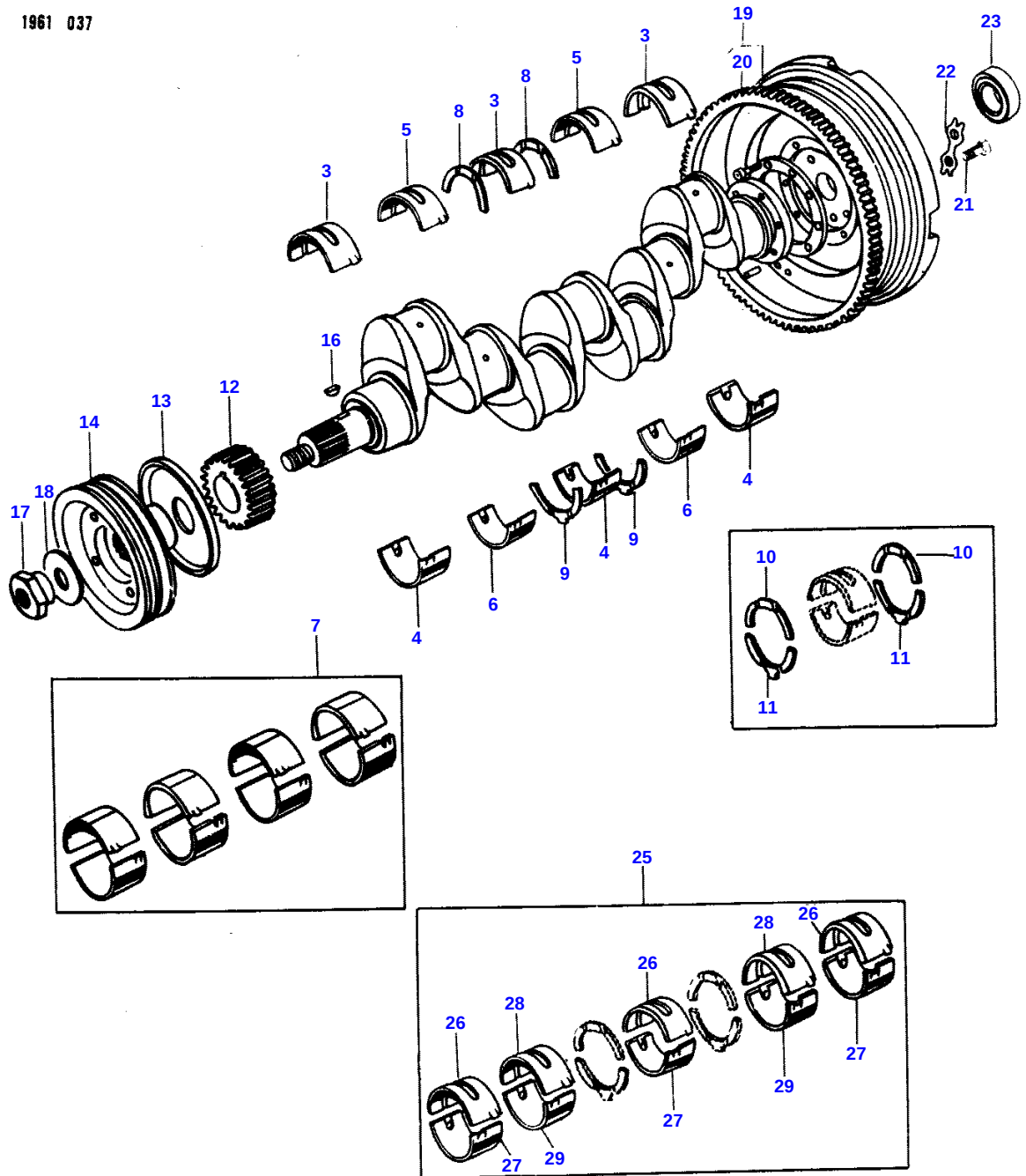
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CRANKSHAFT AND BEARINGS, FLYWHEEL

5

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1st Print

651 326 M94 (Issue 1) 1/77

CRANKSHAFT AND BEARINGS, FLYWHEEL

Item	Part Number	Qty	Description
	742183M91	1	(A) Crankshaft Kit (Perkins No. 89090)
	738720M91	1	(B) Crankshaft Kit (Perkins No. 86790)
	736153M91	1	Insert Kit, Main Bearing (Standard) (Perkins No. 83392)
3		3	(C) Insert
4		3	(C) Insert
5		2	(C) Insert
6		2	(C) Insert
7	736878M91	1	Insert Set, Rod Bearing (Standard) (Perkins No. 85041)
8	735337M1	2	Washer (Perkins No. 31137311)
9	735338M1	2	Washer (Perkins No. 31137321)
7	736879M91	1	Insert Set, Rod Bearing (-.010") (Perkins No. 85041A)
	736880M91	1	Insert Set, Rod Bearing (-.020") (Perkins No. 85041B)
	736881M91	1	Insert Set, Rod Bearing (-.030") (Perkins No. 85041C)
10	735742M1	2	Washer (+.007") (Perkins No. 31137312)
11	735743M1	2	Washer (+.007") (Perkins No. 33137322)
12	734637M1	1	Gear, Crankshaft (Perkins No. 33165392)
13	733048M1	1	Slinger, Oil (Perkins No. 33157516)
14	739474M1	1	Pulley, Crankshaft (Perkins No. 33152912)
16	2196X	1	Key (1/4 x 7/8" Woodruff) (Perkins No. 0500012)
17	376184X1	1	Bolt, Pulley Retaining (Perkins No. 32162318)
18	376177X1	1	Washer, Pulley Retaining (Perkins No. 33125124)
19	741639M91	1	(A) Flywheel (Perkins No. 41117023)
	738025M91	1	(B) Flywheel (Perkins No. 41112423)
20	731988M1	1	Ring, Starter (Perkins No. 0410264)
21	353593X1	6	Bolt (1/2 x 1-1/4" NF, Hex.)
22	731192M1	3	Lock (Perkins No. 0921062)
23	832953M3	1	Bearing, Pilot
25	736223M91	1	Insert Kit, Main Bearing (-.010") (Perkins No. 83392A)
26		3	(D) Insert
27		3	(D) Insert
28		2	(D) Insert
29		2	(D) Insert
25	736224M91	1	Insert Kit, Main Bearing (-.020") (Perkins No. 83392B)
26		3	(E) Insert
27		3	(E) Insert
28		2	(E) Insert
29		2	(E) Insert
25	736225M91	1	Insert Kit, Main Bearing (-.030") (Perkins No. 83392C)
26		3	(F) Insert
27		3	(F) Insert
28		2	(F) Insert
29		2	(F) Insert

(A) - Used Engine Serial Number

318UA15654L And Up.

(B) - Used Prior To Engine Serial Number

318UA15654L.

(C) - For Repairs Order 736153M91.

(D) - For Repairs Order 736223M91.

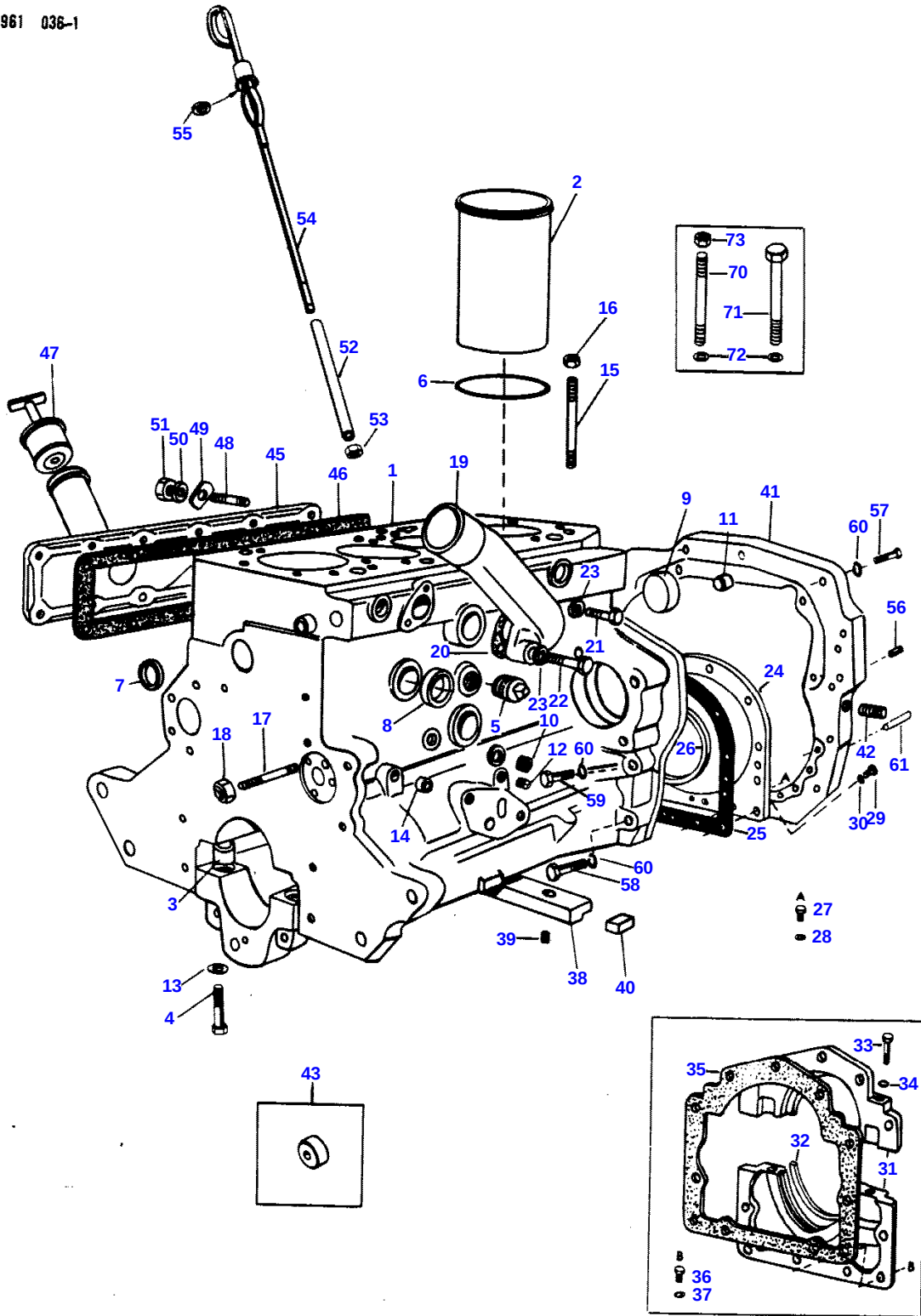
(E) - For Repairs Order 736224M91.

(F) - For Repairs Order 736225M91.

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CYLINDER BLOCK

1961 036-1



79-54

651 326 M94 (Issue 2) 6/79

Item	Part Number	Qty	Description
	529265M91	1	Engine Assembly (Perkins No. A4-318-21725)
	1896290M91	1	(A, C) Block Assembly (Short) (Perkins No. 21951)
	1896268M91	1	(B, C) Block Assembly (Short) (Perkins No. 21849)
1	742184M91	1	(A) Block Assembly (Stripped) (Perkins No. 94083)
	741316M91	1	(B) Block Assembly (Stripped) (Perkins No. 92303)
2	739643M1	4	Liner (Perkins No. 31358522)
3	733072M1	10	Dowel, Bearing Cap (Perkins No. 33142111)
4	740647M1	10	Bolt, Bearing Cap (Perkins No. 32181434)
5	363819X1	4	Plug
6	742268M1	AR	Shim (Repairs Only) (Perkins No. 33127417)
7	735869M1	4	Plug (1-1/2" Expansion, Cup Type) (Perkins No. 0650577)
8	731354M1	5	Plug (1-1/4" Expansion, Cup Type) (Perkins No. 0650563)
9	733043M1	1	Plug (1-29/32" Expansion, Cup Type) (Perkins No. 32416106)
10	365333X1	1	Plug (1/4" - 18 Hex., Sckt. Hd.)
11	731356M1	1	Plug (11/16" Expansion, Cup Type) (Perkins 0650566)
12	355547X1	1	Plug (1/8" P.T. Sq. Hd.)
13	731141M1	10	Shim (41/64 x 1 x .020") (Perkins No. 0760001)
14	731330M1	2	Plug (13/32" Cup Type) (Perkins No. 0650507)
15	732911M1	17	Stud (1/2" NF x 4-25/32") (Perkins No. 32526307)
16	376672X1	17	Nut (1/2" NF, Hex.) (Perkins No. 33221322)
17	731868M1	3	Stud (3/8" NF x 3-5/16") (Perkins No. 0826456)
18	357558X1	3	Nut (3/8" NF, Hex.) (Perkins No. 2211224)
19	738659M1	1	Connection, Water (Perkins No. 37735051)
20	732931M1	1	Gasket, Connection To Block (Perkins No. 36861419)
21	353520X1	1	Bolt (5/16 x 1-3/8" NF, Hex.) (Perkins No. 0096201)
22	353525X1	1	Bolt (5/16 x 1-3/4" NF, Hex.) (Perkins No. 0096234)
23	732575M1	2	Washer (21/64 x 31/64 x 3/64" Aluminum)
24	741669M1	1	(A) Cover, Rear Oil Seal (Perkins No. 37513831)
25	741668M1	1	(A) Gasket, Cover (Perkins No. 36817417)
26	1447049M1	1	(A) Seal, Oil (Perkins No 2415391)
27	353668X1	4	(A) Bolt (1/4 x 7/8" NC, Hex.) (Perkins No. 0748354)
28	344107X1	4	(A) Washer (1/4" Flat) (Perkins No. 0920002)
29	353519X1	9	(A) Bolt (5/16 x 1" NF, Hex.) (Perkins No. 0746211)
30	353770X1	9	(A) Washer (5/16" Flat)
31	733995M91	1	(B) Housing, Rear Oil Seal (Perkins No. 80311)
32	735942M1	2	(B) Seal, Oil (Perkins No. 36883108)
33	353531X1	2	(B) Bolt (5/16 x 2-1/2" NF, Hex.) (Perkins No. 0096238)
34	353446X1	2	(B) Washer (5/16" Lock)
35	735127M1	1	(B) Gasket, Housing To Block (Perkins No. 36817137)
36	353519X1	12	(B) Bolt (5/16 x 1" NF, Hex.) (Perkins No. 0746211)
37	353446X1	12	(B) Washer (5/16" Lock)
38	741672M91	1	(A) Bridge (Incl. Item 39) (Perkins No. 41474019)
	739170M91	1	(B) Bridge (Perkins No. 41474012)
39			Heli-Coil (5/16" - 24)
40	734658M1	2	Seal, Bridge To Block (Perkins No. 36843144)
41	740698M1	1	Plate, Block To Transmission (Perkins No. 37147291)
42	738027M1	1	Plug, Plate (Perkins No. 32114108)
43	744622M1	1	Plug, Water Jacket
45	740163M91	1	Cover, Tappet (Perkins No. 37554575)
46	732934M1	1	Gasket, Cover (Perkins No. 36846411)
47	897105M1	1	Cap, Oil Filler (Perkins No. 2481863)
48	731311M1	10	Stud (5/16 x 1" NF) (Perkins No. 0826203)
49	732044M1	10	Washer, Oblong (Perkins No. 36151505)
50	353446X1	10	Washer (5/16" Lock)
51	353916X1	10	Nut (5/16" NF, Hex.) (Perkins No. 0576002)
52	741053M91	1	Tube Assembly (Perkins No. 33435119)
53	733365M1	1	Nut, Tube Retainer (Perkins No. 33533103)
54	735072M91	1	Dipstick, Oil Gauge (Perkins No. 31787424)
55	731119M1	1	Washer, Seal (Perkins No. 33812108)
56	1260A	2	Dowel, Adapter To Transmission
57	353704X1	3	Bolt (7/16 x 1-3/4" NC, Hex.)
58	353712X1	3	Bolt (7/16 x 2-3/4" NC, Hex.)
59	353714X1	2	Bolt (7/16 x 3" NC, Hex.)
60	353432X1	8	Washer (7/16" Lock) (Perkins No. 0920055)
61	191314M1	4	Dowel, Block To Adapter
70	735244M1	2	(D) Stud (1/2 x 4-3/4" NF)

Item	Part Number	Qty	Description
71	741720M1	15	(D) Bolt (1/2 x 4-7/16" NF, Hex.)
72	1446988X1	17	(D) Washer (17/32 x 7/8 x 7/64")
73	376672X1	2	(D) Nut (1/2" NF, Hex.) (Perkins No. 33221322)
	365873X1	14	Bolt (7/16 x 1-1/4" NC, Special) (Adapter To Transmission)
	353706X1	1	Bolt (7/16" x 2" NC, Hex.) (Transmission To Adapter)
	355645X1	1	Nut (7/16" NC, Hex.) (Transmission To Adapter)

(A) - Used Engine Serial Number

318UA15654L And Up.

(B) - Used Prior To Engine Serial Number

318UA15654L.

(C) - Includes Cylinder Block, Liners,
Crankshaft And Bearings, Connecting Rods
And Bearings, Piston And Piston Rings.

(D) - Used Engine Serial Number

318UA15149 Only.