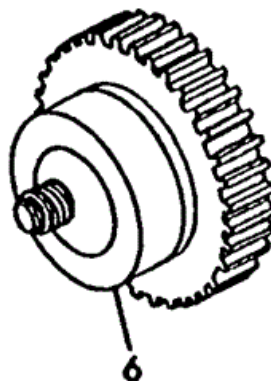
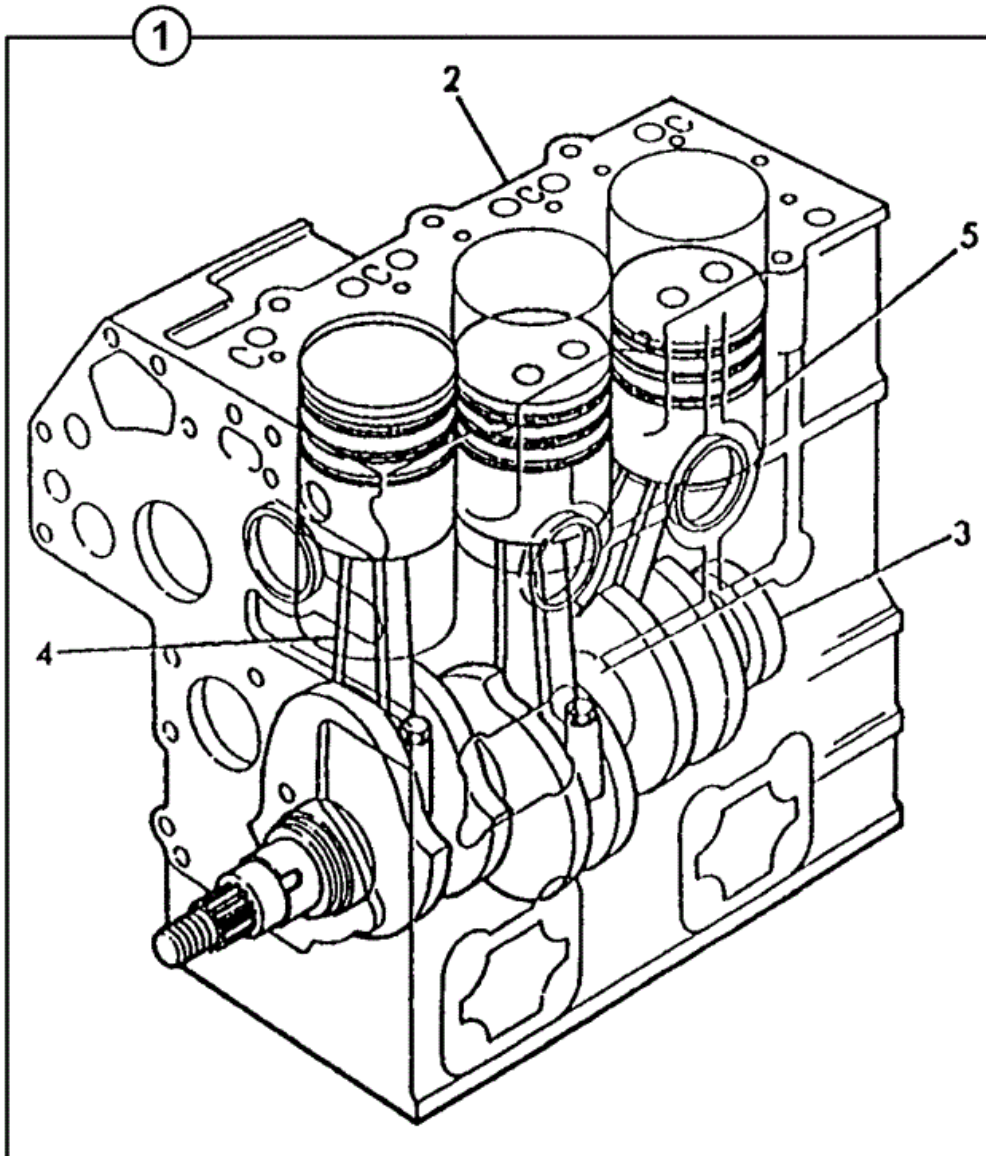




9802/5403 L1-2-1 ENGINE, SHORT

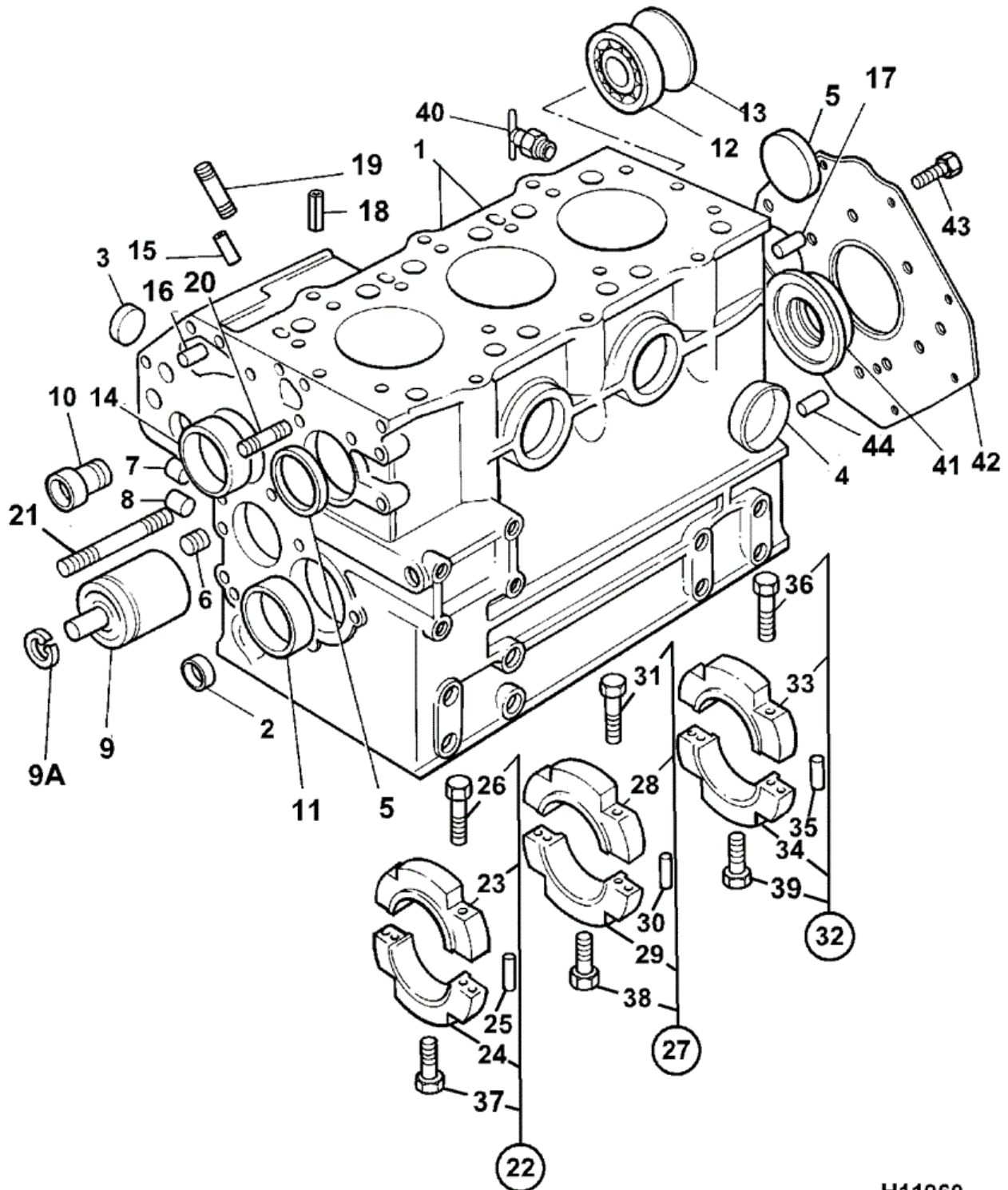


H12020

Item	Part #	Change No	Description	Usage Code	QTY
1	02/630600		Engine short		0
2	****		'See Remark' <i>Block assembly, see F1-3-1</i>		0
3	****		'See Remark' <i>Crankshaft assembly. See L1-4-1</i>		0
4	****		'See Remark' <i>Con-rod assembly. See L1-4-1</i>		0
5	****		'See Remark' <i>Piston assembly. See L1-4-1</i>		0
6	****		'See Remark' <i>Oil pump assy. See L5-2-1</i>		0



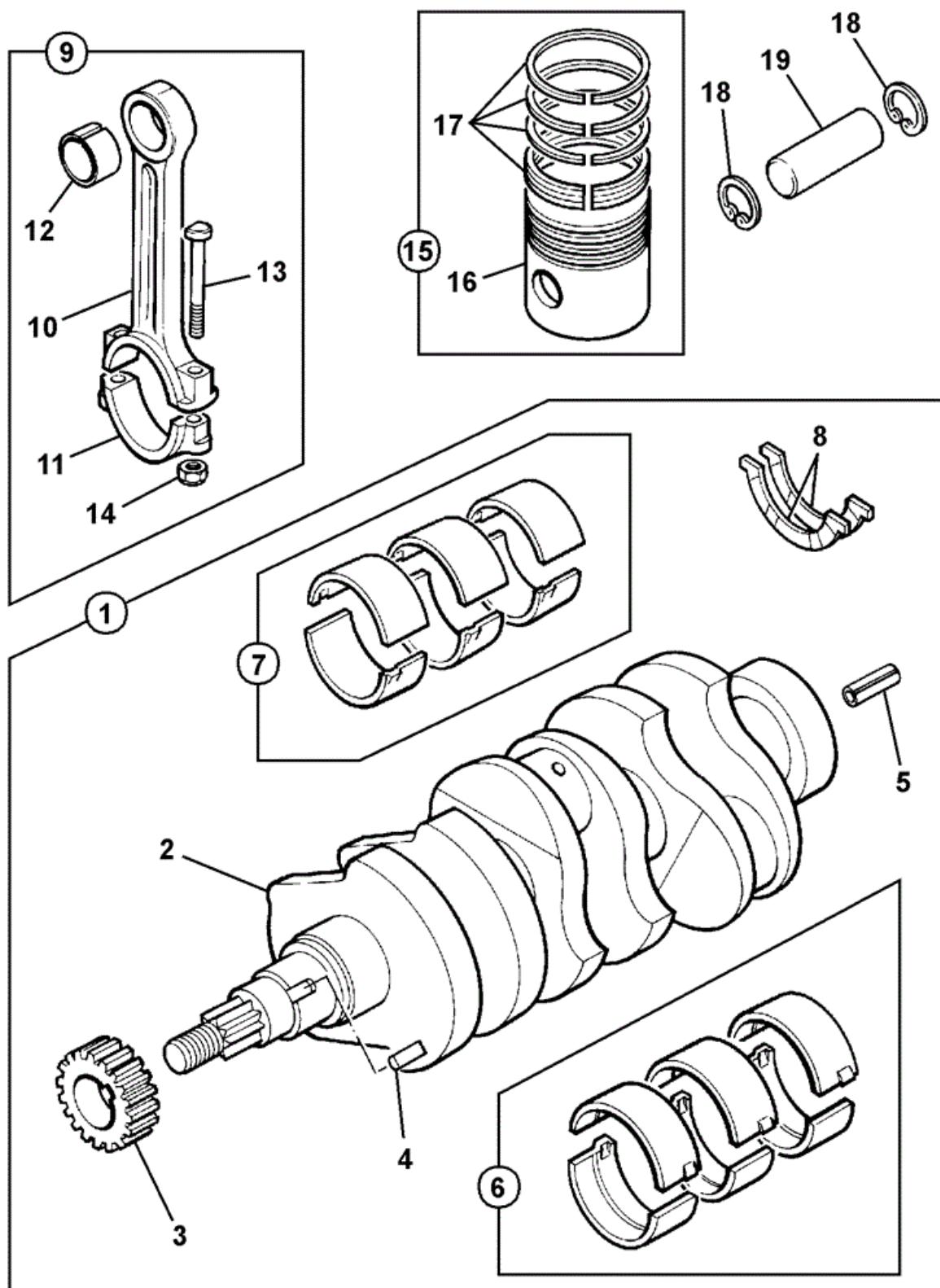
9802/5403 L1-3-1 BLOCK ASSEMBLY



H11960

Item	Part #	Change No	Description	Usage Code	QTY
1	02/630000		Block cylinder assembly		0
2	:02/630001		Plug D=15		0

3	:02/630002	Plug D=25	0
4	:02/630003	Plug D=35	0
5	:02/630004	Plug D=40mm	0
6	:02/630005	Plug D=5.4mm	0
7	:02/630006	Plug 6.5mm	0
8	:02/630007	Plug 8.4mm	0
9	:02/630008	Hub	0
9A	:02/630030	Circlip	0
10	:02/630009	Bush	0
11	:02/630010	Bush	0
11	02/630011	Bush undersize - 0.25mm	0
11	02/630012	Bush undersize - 0.50mm	0
12	:02/630013	Bearing	0
13	:02/630014	Plug core D=45mm	0
14	:02/630015	Bearing	0
15	:02/630016	Dowel	0
16	:02/630014	Plug core D=45mm	0
17	:02/630018	Dowel	0
18	:02/630019	Pin	0
19	:02/630020	Stud	0
20	:02/630021	Stud	0
21	:02/630022	Stud	0
22	:02/630023	Cap bearing assembly	0
23	:N.S.P.	None serviced part <i>Cap - top</i>	0
24	:N.S.P.	None serviced part <i>Cap - bottom</i>	0
25	:02/630024	Dowel	0
26	:02/630025	Screw	0
27	:02/630026	Cap bearing assembly	0
28	:N.S.P.	None serviced part <i>Cap - top</i>	0
29	:N.S.P.	None serviced part <i>Cap - bottom</i>	0
30	:02/630024	Dowel	0
31	:02/630025	Screw	0
32	:02/630027	Cap bearing assembly	0
33	:N.S.P.	None serviced part <i>Cap - top</i>	0
34	:N.S.P.	None serviced part <i>Cap - bottom</i>	0
35	:02/630024	Dowel	0
36	:02/630025	Screw	0
37	:02/630028	Screw	0
38	:02/630028	Screw	0
39	:02/630029	Screw	0
40	02/630031	Tap drain	0
41	02/630032	Seal rear oil	0
42	02/630033	Plate	0
43	02/630034	Screw	0
44	02/630018	Dowel	0



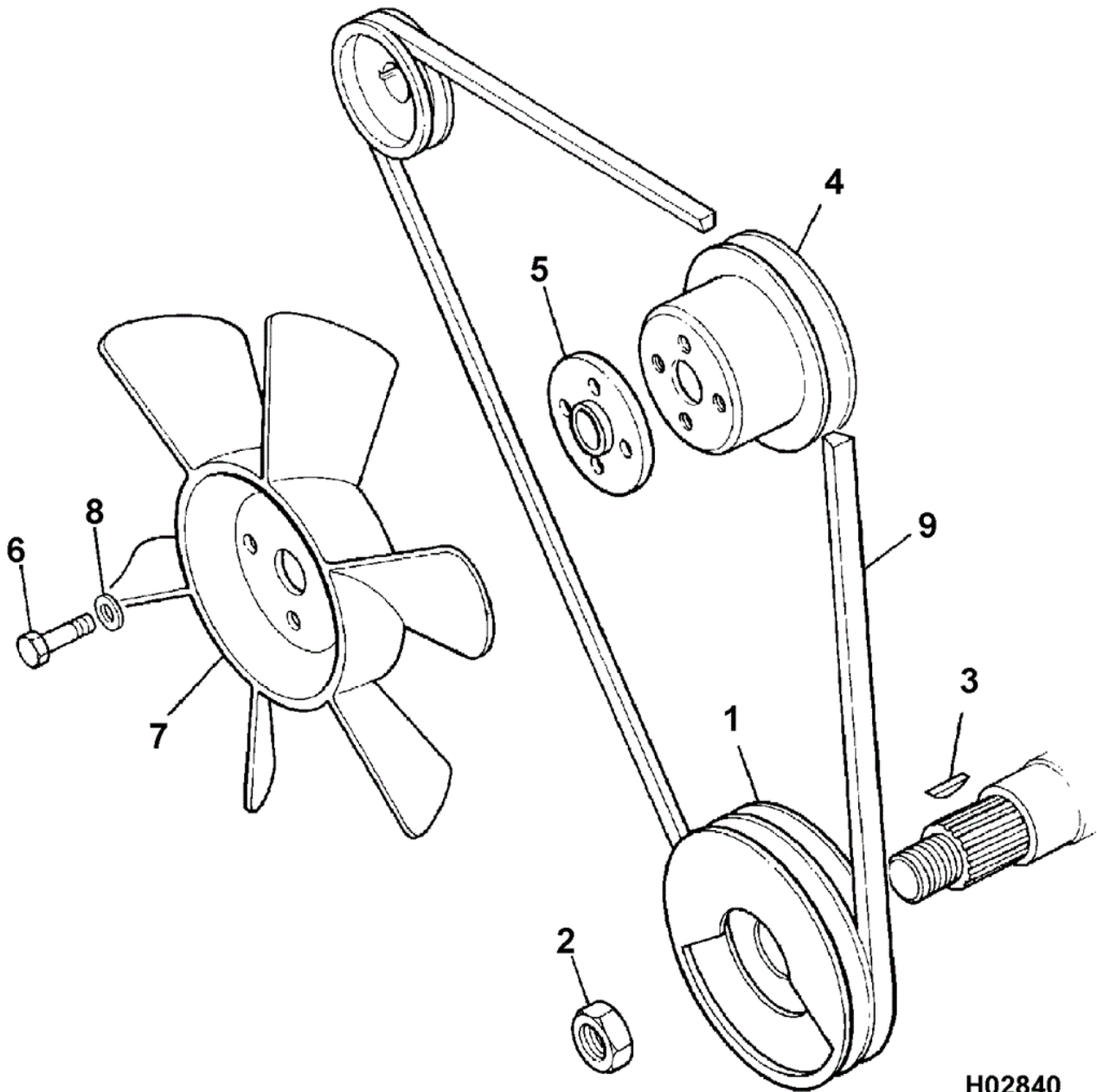
H01300

Item	Part #	Change No	Description	Usage Code	QTY
1	02/630040		Crankshaft assembly		1
2	:N.S.P.		None serviced part <i>Crankshaft</i>		1
3	:02/630041		Gear		1
4	:02/630042		Key		1
5	:02/630043		Pin		1

6	:02/630044		Kit-bearing main, standard		1
6	:02/630045		Kit-bearing Main undersize - 0.25mm		0
6	:02/630046		Kit-bearing Main undersize - 0.50mm		0
7	:02/630047		Kit-bearing big-end standard		1
7	:02/630048		Kit-bearing Big-end undersize - 0.25mm		0
7	:02/630049		Kit-bearing Big-end undersize - 0.50mm		0
8	:02/630050		Washer thrust		2
9	02/630051		Conrod		3
10	:N.S.P.		None serviced part <i>Rod</i>		1
11	:N.S.P.		None serviced part <i>Cap</i>		1
12	:02/630052		Bush small-end		1
13	:02/630053		Bolt		2
14	:02/630054		Nut		2
15	02/630055		Kit-piston & rings Standard		3
15	02/630056		Piston assembly oversize - 0.5mm		0
15	02/630057		Piston assembly oversize - 1.0mm		0
16	:N.S.P.		None serviced part <i>Piston</i>		1
17	:02/630060		Kit-piston ring standard		1
17	:02/630061		Kit-piston ring oversize - 0.5mm		1
17	:02/630062		Kit-piston ring oversize - 1.0mm		1
18	02/630059		Circlip		2
19	02/630058		Pin gudgeon		1



9802/5403 L1-5-1 FANS, PULLEYS & FAN BELT



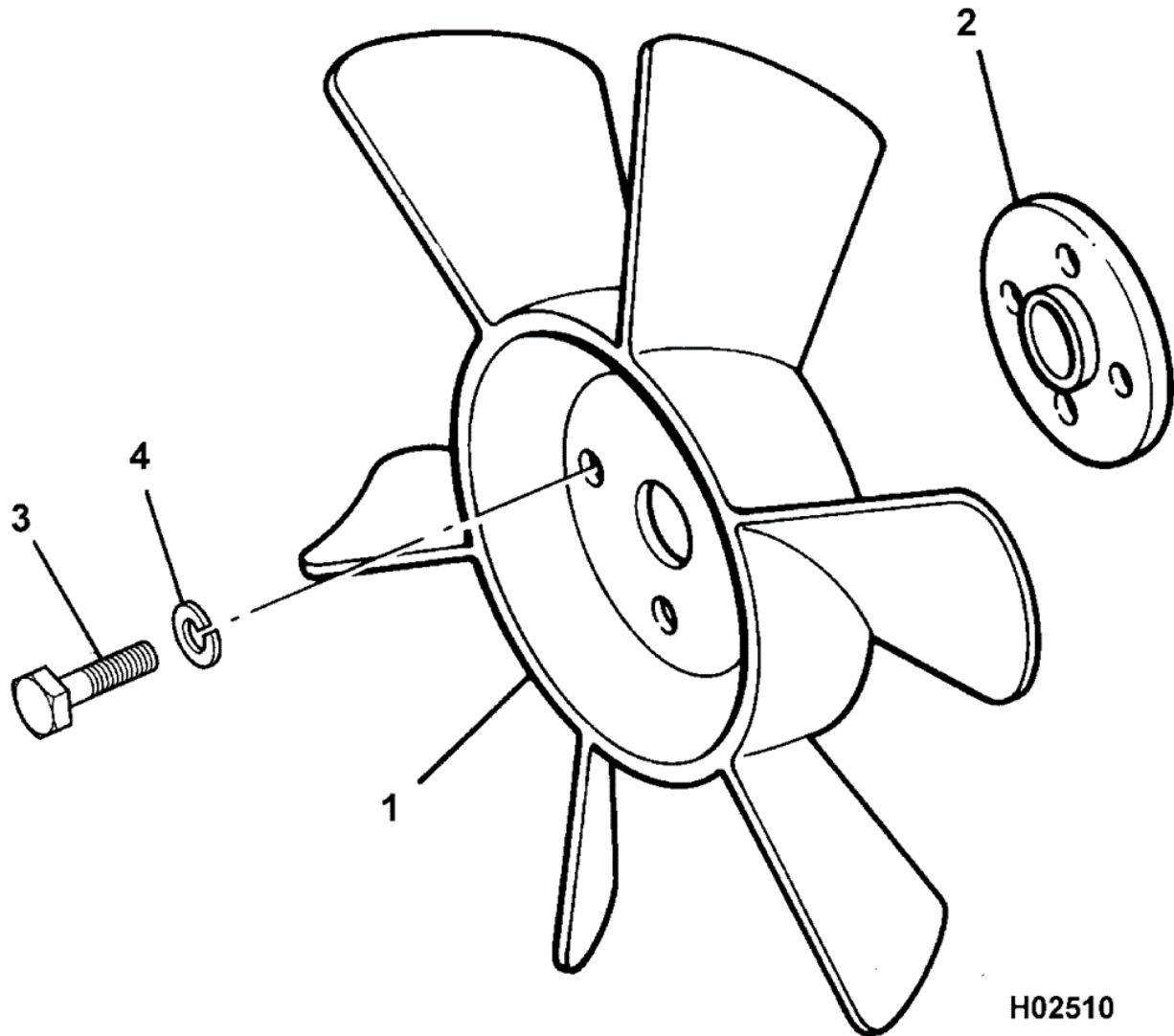
H02840

Item	Part #	Change No	Description	Usage Code	QTY
1	02/630066		Pulley crankshaft		0
2	02/630067		Nut		0
3	02/630068		Key		0
4	02/630070		Pulley water pump		0
5	02/630069		Spacer fan <i>Cable m/c's</i>		0
5	231/86601	Superseded	Spacer fan <i>Servo m/c's</i>		0
5	231/86501		Spacer fan <i>Servo m/c's</i>		1

6	02/630071		Screw <i>Cable m/c`s</i>		0
7	02/630072	<M723113	Fan 6 blades 330 dia <i>6 blade</i>		0
7	02/630830	>M723114	Fan <i>7 blade</i>		0
8	1425/0006Z		Washer Spring (M6) <i>Servo m/c`s</i>		0
9	02/630075	<E52695X	Belt fan <i>Code M31 Stamped on original</i>		0
9	02/631260		Belt fan <i>Code M30 Stamped on original</i>		0



9802/5403 L1-5-2 FAN KIT

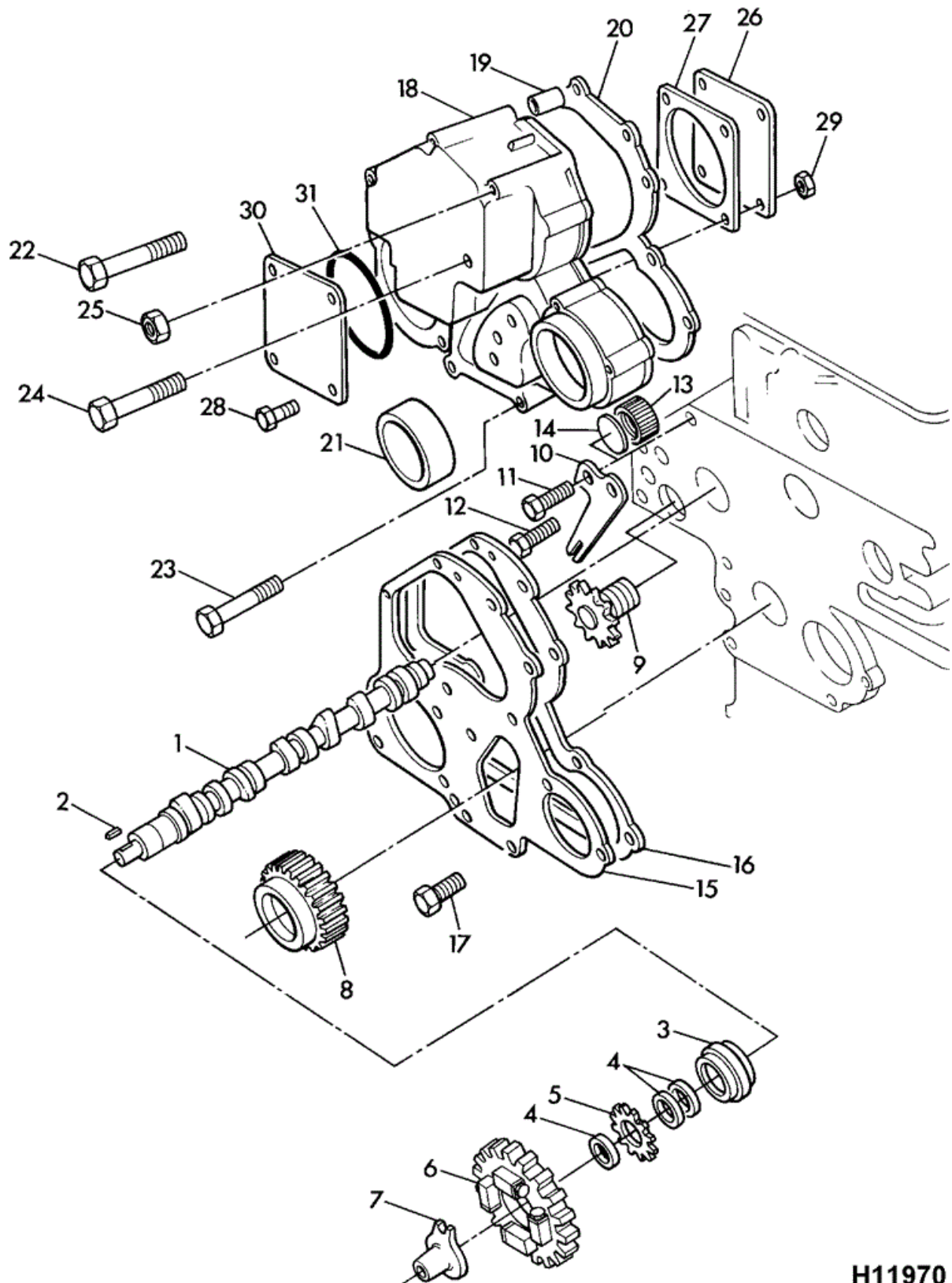


Item	Part #	Change No	Description	Usage Code	QTY
1	02/630830		Fan 7-blade See Note 1		0
2	231/86601	Superseded	Spacer fan		0
2	231/86501		Spacer fan		1
3	1315/0205Z		Setscrew M6 x 20mm M6 x 20		4
4	1425/0006Z		Washer Spring (M6) M6		4

Note 1: Use with servo build m/c's and m/c's fitted with latest steel framed engine cover (B1-6-3)



9802/5403 L1-6-1 TIMING CASE CAMSHAFT & GEARS

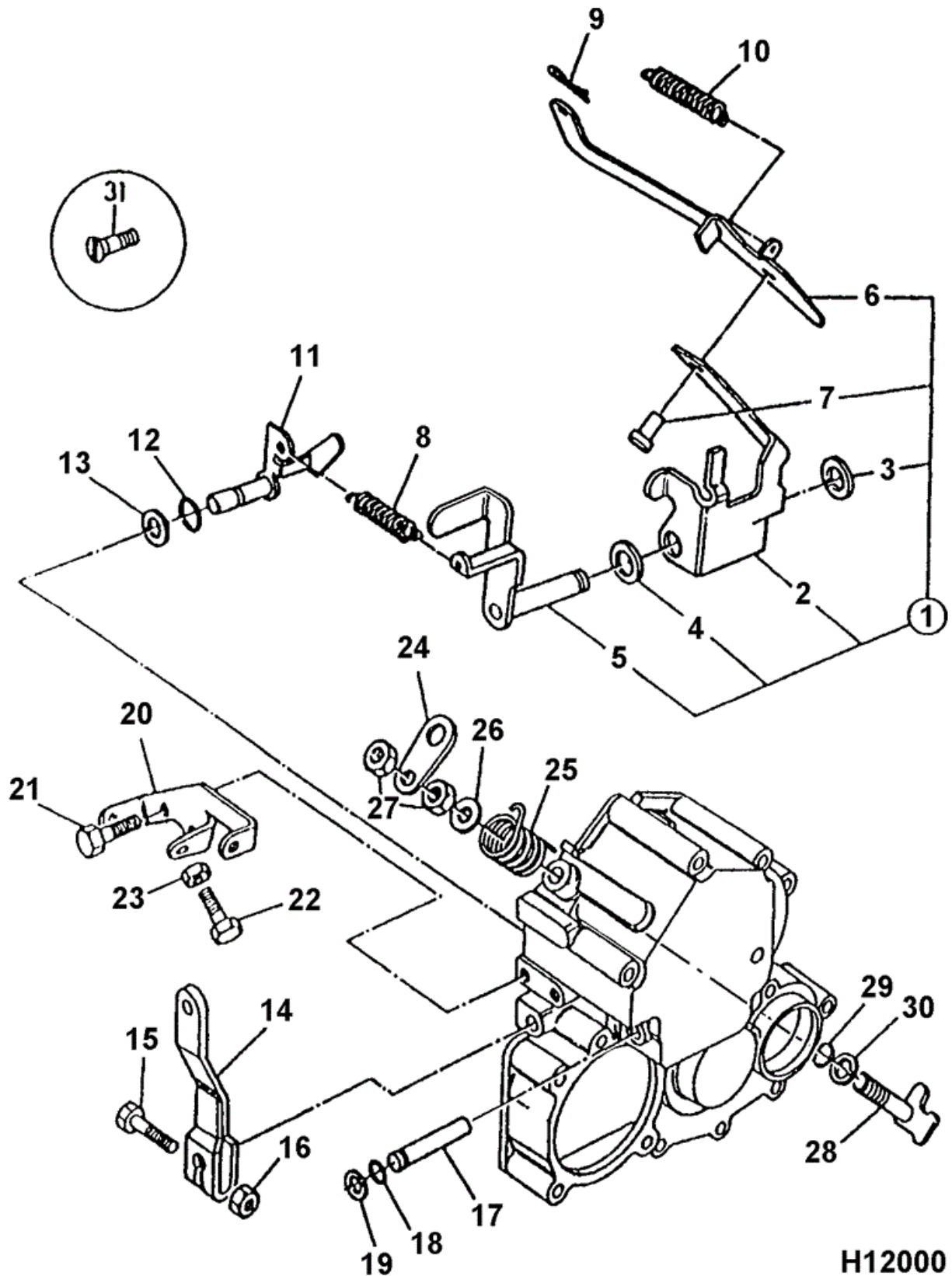


H11970

Item	Part #	Change No	Description	Usage Code	QTY
1	02/630080		Camshaft		0
2	:02/630068		Key		0
3	:02/630081		Bearing		0
4	:02/630082		Spacer		0
5	:02/630083		Gear		0
6	:02/630084		Gear		0
7	:02/630085		Tappet		0
8	****		'See Remark' <i>See L5-2-1</i>		0
9	02/630100		Shaft		0
10	02/630101		Plate		0
11	02/630102		Screw		0
12	02/630103		Screw		0
13	02/630104		Cap		0
14	02/630105		Seal		0
15	02/630086		Plate		0
16	02/630087		Gasket		0
17	02/630088		Screw		0
18	02/630090		Casing timing		0
19	:02/630089		Pin		0
20	02/630091		Gasket		0
21	02/630092		Seal front oil		0
22	02/630093		Screw		0
23	02/630094		Screw		0
24	02/630095		Screw		0
25	02/630096		Nut		0
26	02/630097		Plate		0
27	02/630098		Gasket		0
28	02/630099		Screw		0
29	02/630078		Nut		0
30	02/630097		Plate		0
31	02/630079		O Ring		0



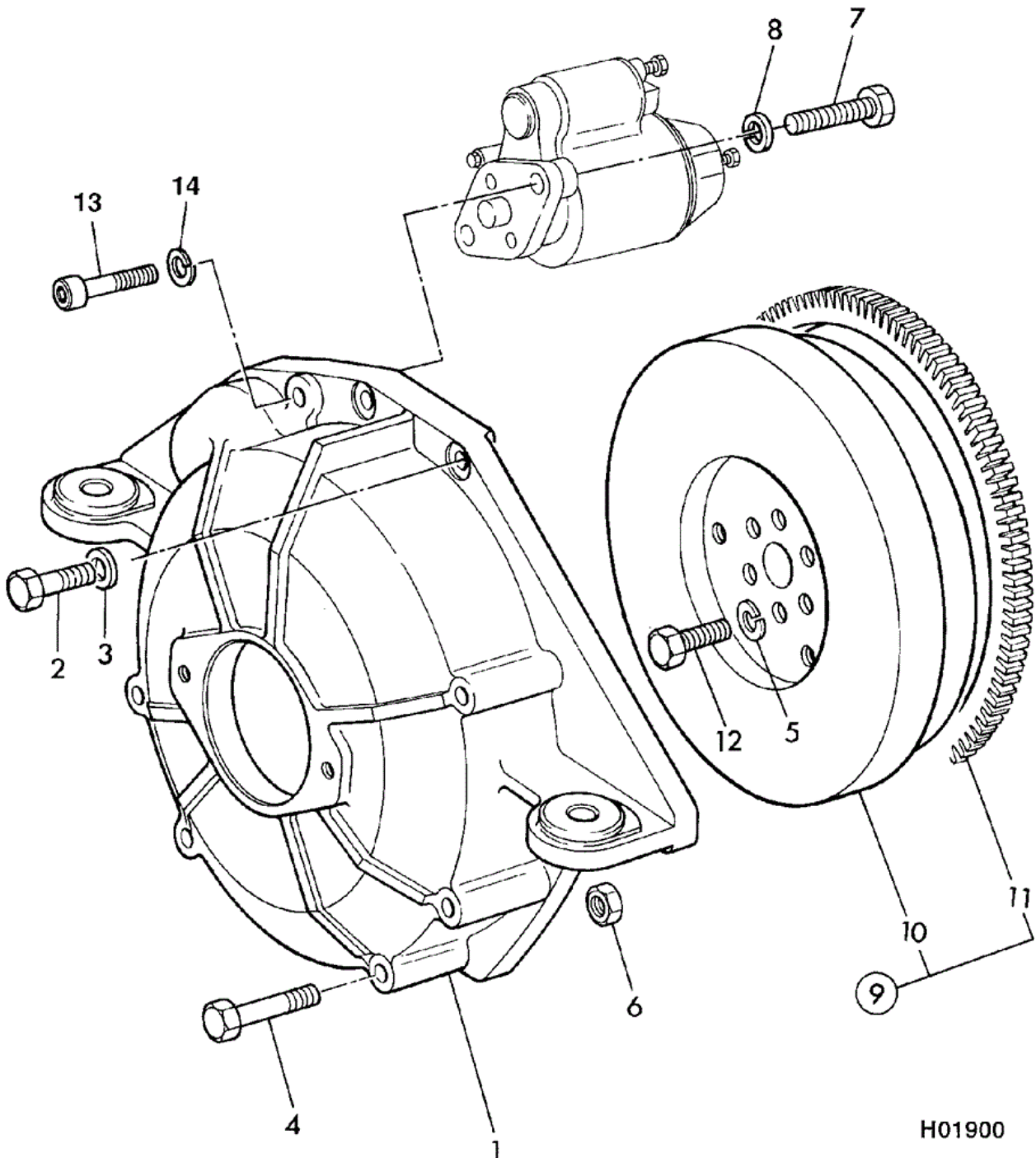
9802/5403 L1-6-2 TIMING LEVERS ARMS & SPRINGS



Item	Part #	Change No	Description	Usage Code	QTY
1	02/630106		Lever		0
2	:N.S.P.		None serviced part <i>Lever</i>		0
3	:02/630107		Circlip		0
4	:02/630108		Washer		0
5	:02/630109		Lever		0
6	:N.S.P.		None serviced part <i>Link</i>		0
7	:N.S.P.		None serviced part <i>Pin</i>		0
8	02/630138		Spring		0
9	02/630111		Pin		0
10	02/630112		Spring		0
11	02/630113		Arm		0
12	02/630114		O Ring		0
13	02/630107		Circlip		0
14	02/630115		Lever		0
15	02/630116		Screw		0
16	02/630117		Nut		0
17	02/630118		Shaft		0
18	02/630119		O Ring		0
19	02/630120		Circlip		0
20	02/630121		Stay		0
21	02/630122		Screw		0
22	02/630123		Screw		0
23	02/630096		Nut		0
24	02/630124		Lever		0
25	02/630125		Spring		0
26	02/630126		Washer		0
27	02/630127		Nut		0
28	02/630128		Arm		0
29	02/630129		O Ring		0
30	02/630130		Circlip		0
31	02/630131		Screw <i>Governor lever setting</i>		0



9802/5403 L1-7-1 FLYWHEEL & HOUSING



Item	Part #	Change No	Description	Usage Code	QTY
1	231/40001	<M720586	Housing flywheel		0
1	231/82502	>M720587	Housing flywheel <i>Eng.No.52696X on</i>		0
1	231/40001	>TBA	Housing flywheel		1
2	1315/0309Z		Setscrew M8 x 35		0

3	1425/0007Z		Washer Washer <i>Was 823/00415Z</i>		0
4	1315/3319Z		Bolt M8 x 90 mm <i>M8 X 90</i>		0
5	1425/0008Z		Spring Washer <i>Was 823/00416Z</i>		0
6	1370/0203Z		Nut Nut M8		0
7	02/630132	<M720586	Screw <i>to Eng.No.52695X</i>		0
8	02/630134	<M720586	Washer spring <i>to Eng.No.52695X</i>		0
9	02/630135		Flywheel assembly		0
10	:N.S.P.		None serviced part <i>Flywheel</i>		0
11	:02/630136		Ring starter		0
12	02/630137		Screw		0
12	1315/0408Z		Setscrew M10 x 30 <i>801.5 Power plus</i>		7
13	826/01455Z	>M720587	Capscrew <i>Eng.No.52696X on</i>		0
14	1425/0008Z	>M720587	Spring Washer <i>Eng.No.52696X on</i>		0

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