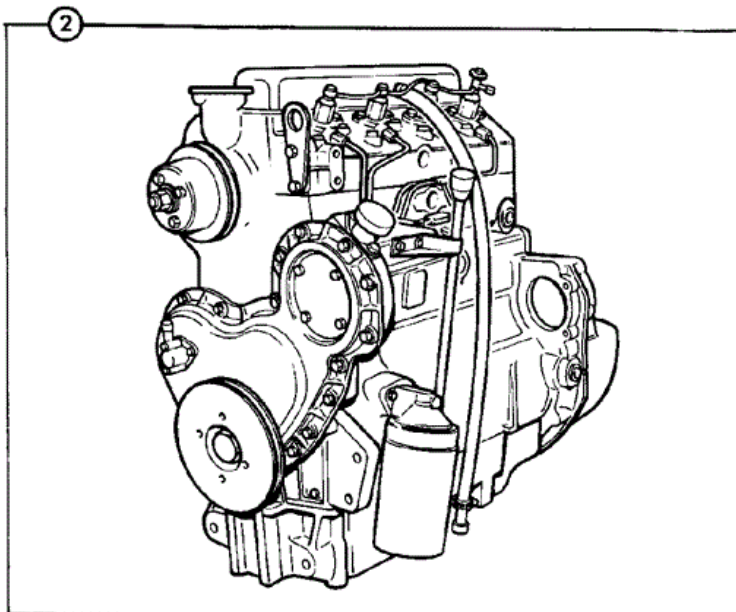
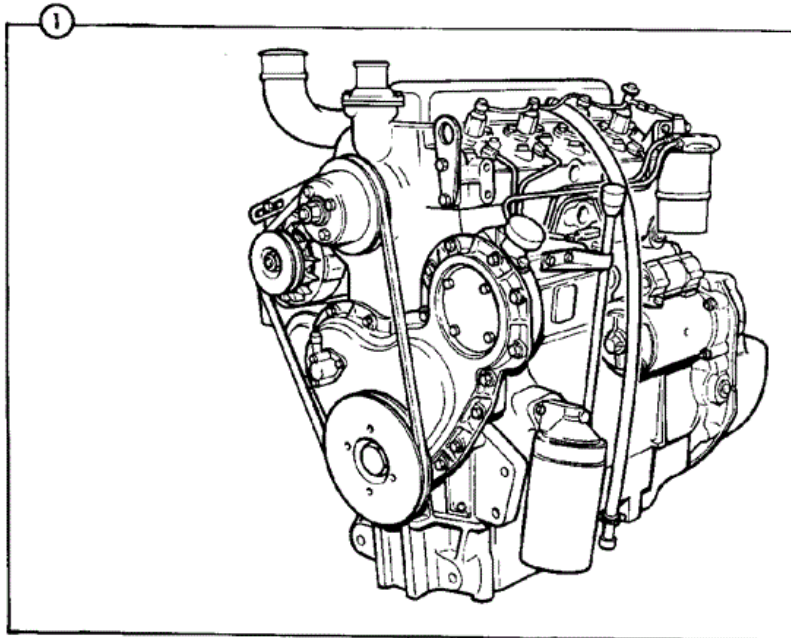


9802/8500 L1-7-1 ENGINE, COMPLETE IMPERIAL & METRIC LD BUILD



064621

Item	Part #	Change No	Description	Usage Code	QTY
			Engine imperial, Complete 4.236 Nat/Aspirated		

1	01/108400	Superseded	<i>LD50145</i>		1
1	N.L.A	<M314999	No longer available <i>See Note 1</i>		1
1	01/109100	Superseded	Engine imperial, Complete 4.236 Nat/Asp-Hot/CI <i>LD50179</i>		1
1	N.L.A	<M314999	No longer available <i>See Note 1</i>		1
1	01/111000	Superseded	Engine imperial, Complete 4.236 Nat/Aspirated <i>LD50204</i>		1
1	N.L.A	<M322965	No longer available <i>See Note 1</i>		1
1	01/111900	Superseded	Engine metric 4.236 Nat/Aspirated <i>LD50222</i>		1
1	N.L.A	>M322966	No longer available <i>See Note 1</i>		1
1	01/113600	Superseded	Engine metric 4.236 Nat/Aspirated <i>LD50222</i>		1
1	N.L.A		No longer available <i>See Note 1</i>		1
2	01/108400R	<M314999	Engine imperial 4.236 Nat/Aspirated <i>LD50145</i> <i>See Note 2</i>		1
2	01/109100R	Superseded	Engine imperial 4.236 Nat/Asp-Hot/CI & 2, <i>LD50179</i> <i>See Note 3</i>		1
2	01/108400R	<M314999	Engine imperial 4.236 Nat/Aspirated <i>See Notes 2 & 3</i>		1
2	01/111000R	Superseded	Engine imperial 4.236 Nat/Aspirated <i>See Notes 2 & 3, LD50204</i> <i>See Note 4</i>		1
2	01/108400R	<M322965	Engine imperial 4.236 Nat/Aspirated <i>See Notes 2 & 3</i>		1
2	01/113600R	Superseded	Engine metric 4.236 Nat/Aspirated <i>See Notes 2 & 3, LD50222</i>		1
2	01/111800R		Engine metric, 4.236 nat/aspirated <i>See Notes 2 & 3</i>		1

Note 1: No Longer Available use Reconditioned or Short Engines.

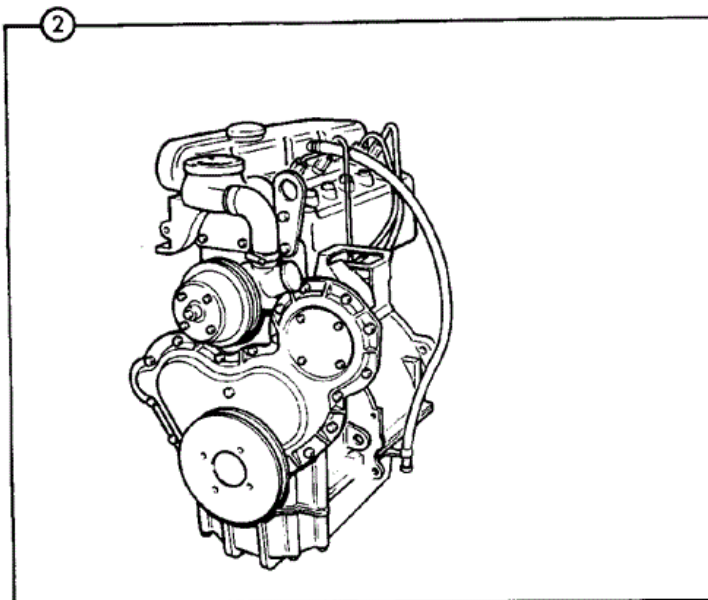
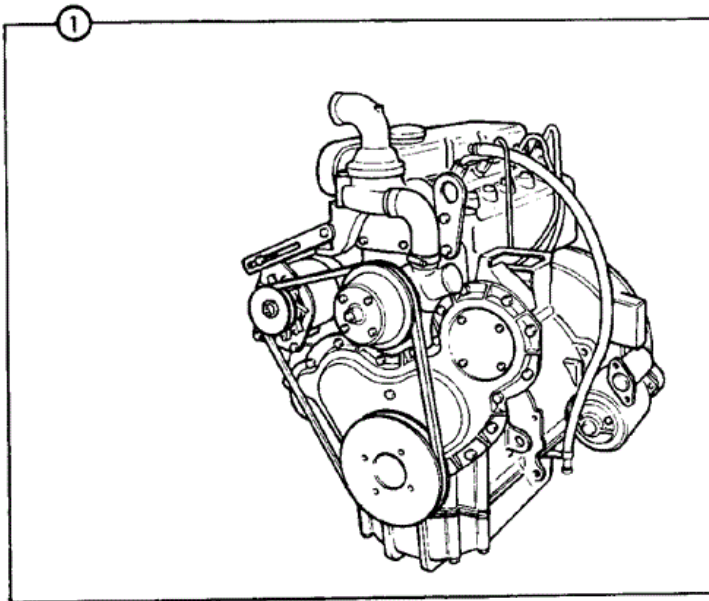
Note 2: Reconditioned engines as item 1 but less the following :- Flywheel & Housing, Starter Motor

Note 3: Alternator & Mountings, Fuel Filter & Pipework, Fan Belt, Water outlet Connection, Inlet

Note 4: & Exhaust Manifolds.



9802/8500 L1-7-2 ENGINE, COMPLETE IMPERIAL & METRIC LH & LJ BUILDS



066301

Item	Part #	Change No	Description	Usage Code	QTY
			Engine imperial, Complete 4.236 Compensated		

1	01/108500	Superseded	<i>LH50133</i>		1
1	01/111100	Superseded	Engine imperial, Complete 4.236 Compensated <i>LH50205</i>		1
1	N.L.A	<M314999	No longer available <i>See Note 1</i>		1
1	01/111100	Superseded	Engine imperial, Complete 4.236 Compensated <i>LH50205</i>		1
1	N.L.A	<M323143	No longer available <i>See Note 1</i>		1
1	01/112300	Superseded	Engine metric 4.236 Compensated <i>LH50226</i>		1
1	N.L.A	>M323144	No longer available <i>See Note 1</i>		1
1	01/107700	Superseded	Engine imperial, Complete 4.236 Turbocharged <i>LJ50117 Superseded by LJ50183</i>		1
1	01/110500	Superseded	Engine imperial, Complete 4.236 Turbocharged		1
1	N.L.A	<M310999	No longer available <i>See Note 1</i>		1
1	01/110500	Superseded	Engine imperial, Complete 4.236 Turbocharged <i>LJ50183 Horizontal oil filter</i>		1
1	N.L.A	<M322813	No longer available <i>See Note 1</i>		1
1	01/112000	Superseded	Engine metric 4.236 Turbocharged <i>LJ50223</i>		1
1	N.L.A	>M322814	No longer available <i>See Note 1</i>		1
2	01/108500R	Superseded	Engine imperial 4.236 Compensated & 2, <i>LH50133 up to M314999</i> <i>See Note 2</i>		1
2	01/111100R	<M323143	Engine imperial 4.236 Compensated & 1, <i>LH50205</i> <i>See Note 3</i>		1
2	01/112300R	>M323144	Engine metric 4.236 Compensated <i>LH50226, See Notes 1 & 2</i>		1
2	01/107700R	Superseded	Engine imperial 4.236 Turbocharged <i>See Notes 1 & 2, LJ50117 up to M310999</i>		1
2	01/110500R	<M322813	Engine imperial 4.236 Turbocharged <i>See Notes 1 & 2, LJ50183 Horizontal oil filter</i>		1
2	01/112000R	>M322814	Engine metric 4.236 Turbocharged <i>See Notes 1 & 2, LJ50223</i>		1

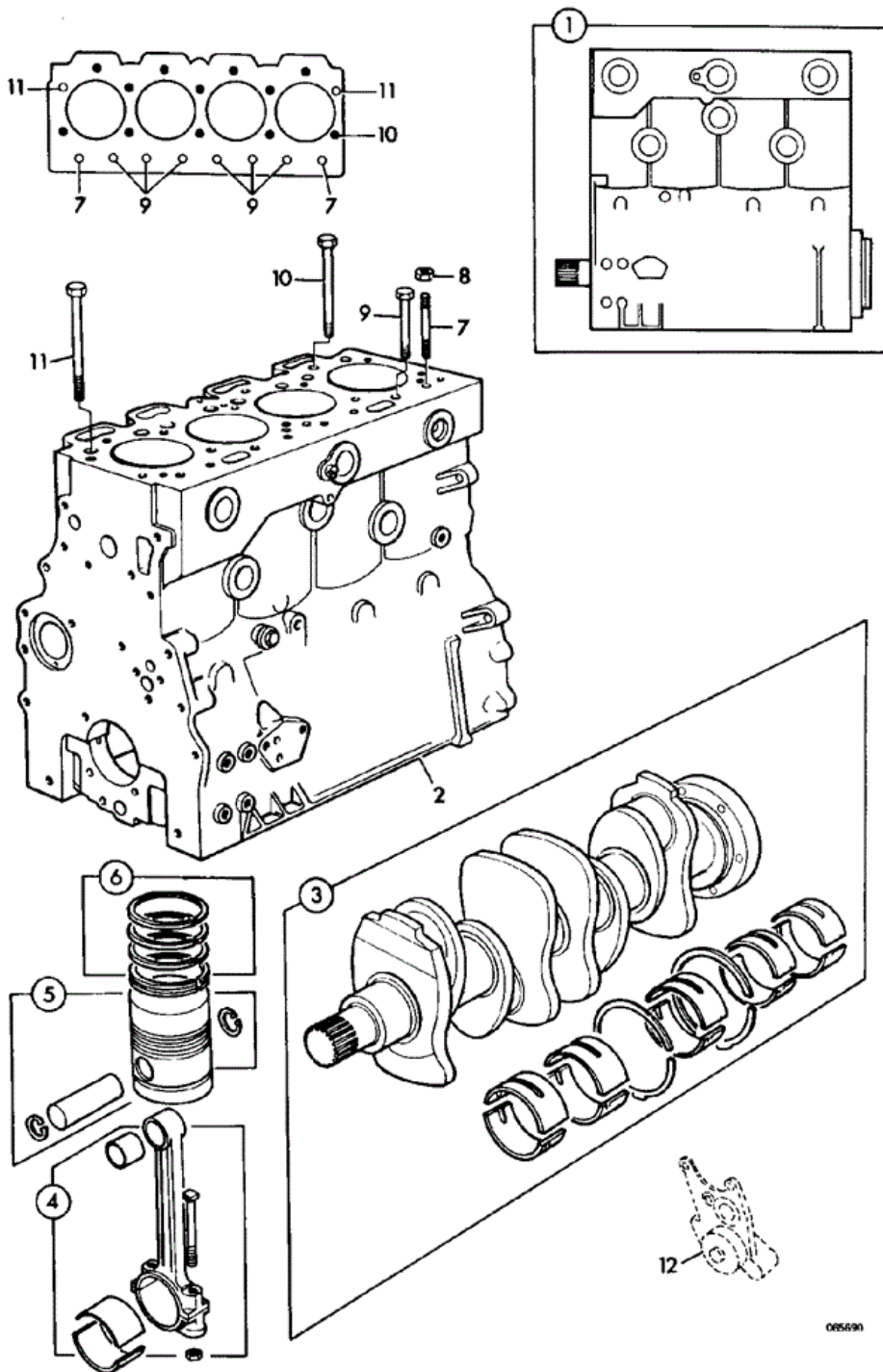
Note 1: No longer available use Reconditioned or Short engines.

Note 2: As item 1 but less the following:-Flywheel & Housing,Starter motor,Alternator & Mountings,

Note 3: Fuel filter & pipework,Fan belt,Outlet connection & Inlet/Exhaust Manifolds.



9802/8500 L1-8-1 ENGINE, SHORT IMPERIAL LD BUILD



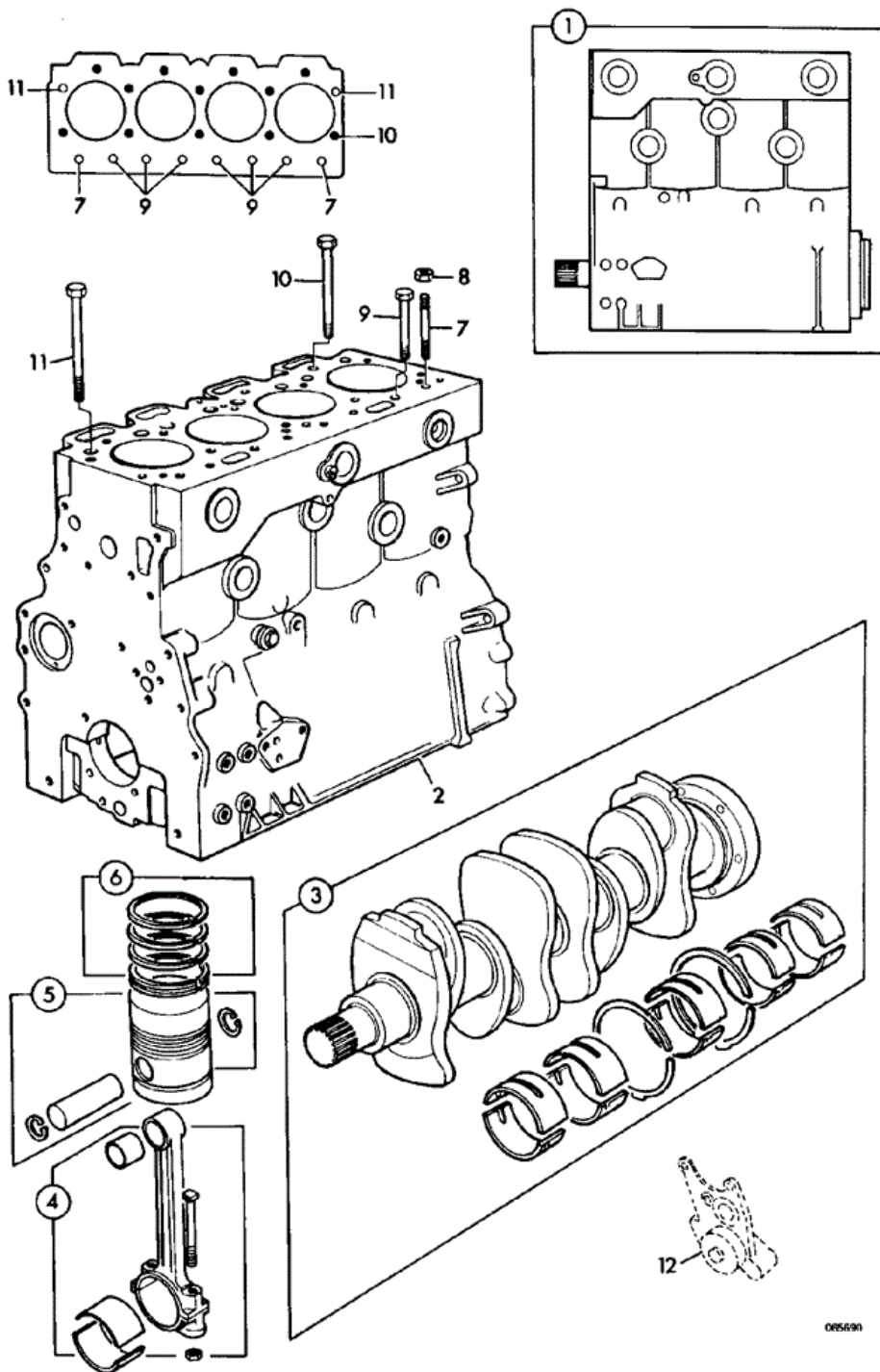
085690

Item	Part #	Change No	Description	Usage Code	QTY
1	02/101325		Engine Short imperial		1
2	****		'See Remark'		1

			<i>See frame L1-1-1</i>		
3	****		'See Remark' <i>See frame L1-2-1</i>		1
4	****		'See Remark' <i>Con-Rod Assy-See frame L1-2-1</i>		4
5	****		'See Remark' <i>See frame L1-2-1</i>		4
6	****		'See Remark' <i>See frame L1-2-1</i>		4
7	****	<EU874811J	'See Remark' <i>See frame L1-1-1</i>		2
8	****	<EU874811J	'See Remark' <i>See frame L1-1-1</i>		2
9	****	<EU874811J	'See Remark' <i>See frame L1-1-1</i>		6
9	****		'See Remark' <i>Bolt,Cyl/Head-See frame L1-1-1</i>		8
10	****		'See Remark' <i>See frame L1-1-1</i>		12
11	****		'See Remark' <i>See frame L1-1-1</i>		2
12	****		'See Remark' <i>Oil Pump - See frame L5-1-1</i> <i>See Note 1</i>		1

Note 1: Not included in item 1

9802/8500 L1-8-3 ENGINE, SHORT IMPERIAL LH & LJ BUILDS



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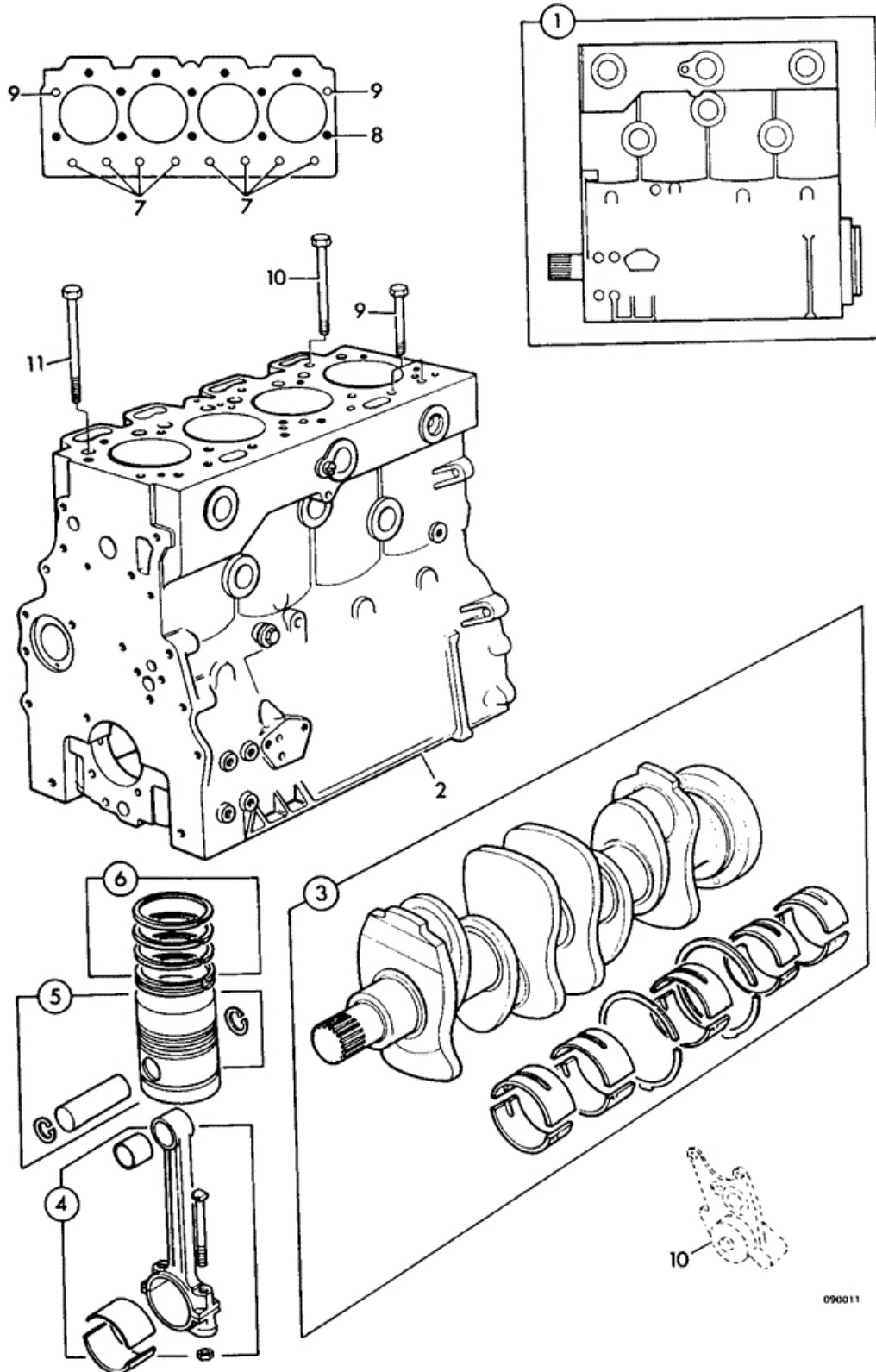
Item	Part #	Change No	Description	Usage Code	QTY
1	02/101909		Engine short imperial		1

2	****		'See Remark' <i>See frame L1-1-3</i>		1
3	****		'See Remark' <i>See frame L1-2-3</i>		1
4	****		'See Remark' <i>See frame L1-2-3</i>		4
5	****		'See Remark' <i>See frame L1-2-3</i>		4
6	****		'See Remark' <i>See frame L1-2-3</i>		4
7	****	<EU874811J	'See Remark' <i>See frame L1-1-3</i>		2
8	****	<EU874811J	'See Remark' <i>See frame L1-1-3</i>		2
9	****	<EU874811J	'See Remark' <i>See frame L1-1-3</i>		6
9	****		'See Remark' <i>Bolt,Cyl/Head-See frame L1-1-3</i>		8
10	****		'See Remark' <i>See frame L1-1-3</i>		12
11	****		'See Remark' <i>See frame L1-1-3</i>		2
12	****		'See Remark' <i>Oil Pump - See frame L5-1-1</i> <i>See Note 1</i>		1

Note 1: Not included in item 1.

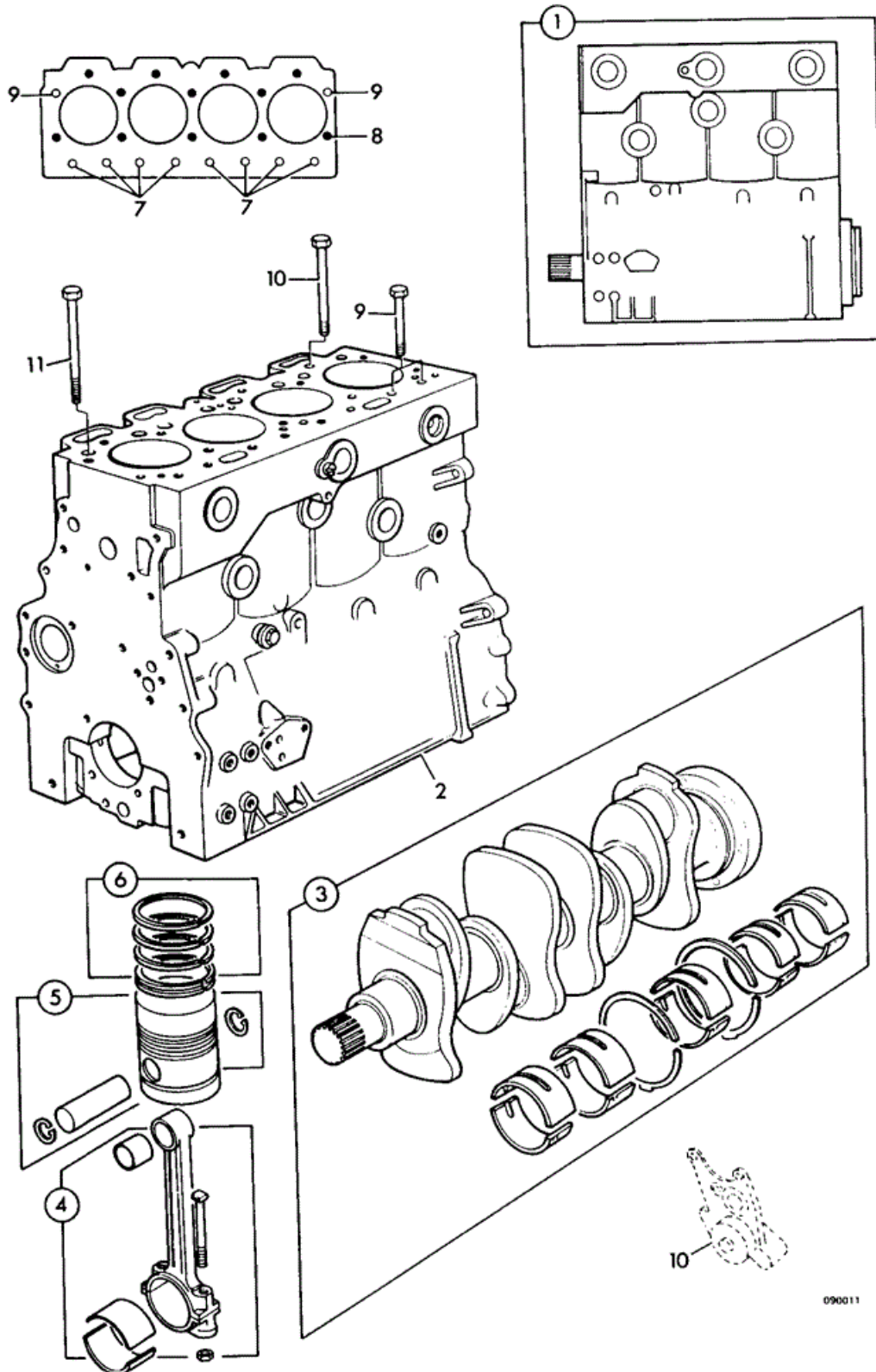


9802/8500 L1-8-4 ENGINE, SHORT METRIC LD BUILD



Item	Part #	Change No	Description	Usage Code	QTY
1	02/101911		Engine metric short		1
2	****		'See Remark' <i>See frame L1-1-4</i>		1
3	****		'See Remark' <i>See frame L1-2-1</i>		1
4	****		'See Remark' <i>See frame L1-2-1</i>		4
5	****		'See Remark' <i>See frame L1-2-1</i>		4
6	****		'See Remark' <i>See frame L1-2-1</i>		4
7	****		'See Remark' <i>See frame L1-1-4</i>		8
8	****		'See Remark' <i>See frame L1-1-4</i>		12
9	****		'See Remark' <i>See frame L1-1-4</i>		2
10	****		'See Remark' <i>Oil Pump - See frame L5-1-3</i> <i>See Note 1</i>		1

Note 1: Not included in item 1



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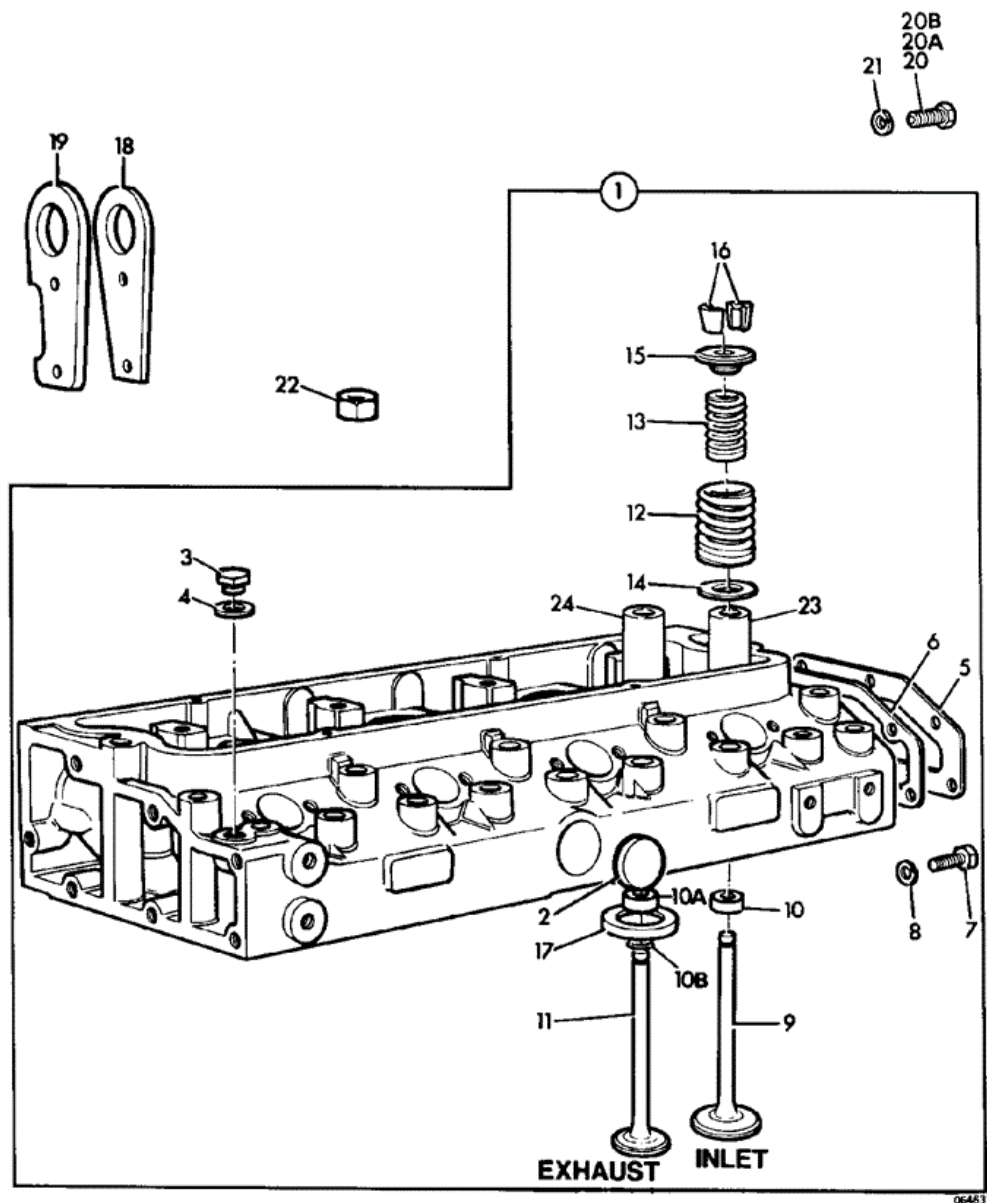
Item	Part #	Change No	Description	Usage Code	QTY
1	02/101912		Engine short, metric		1
2	****		'See Remark' <i>See frame L1-1-5</i>		1
3	****		'See Remark' <i>See frame-L1-2-3</i>		1
4	****		'See Remark'		4

			<i>See frame L1-2-3</i>		
5	****		'See Remark' <i>See frame L1-2-3</i>		4
6	****		'See Remark' <i>See frame L1-2-3</i>		4
7	****		'See Remark' <i>See frame L1-1-5</i>		8
8	****		'See Remark' <i>See frame L1-1-5</i>		12
9	****		'See Remark' <i>See frame L1-1-5</i>		2
10	****		'See Remark' <i>Oil Pump - See frame L5-1-3</i> <i>See Note 1</i>		1

Note 1: Not included in item 1.



9802/8500 L2-1-1 CYLINDER HEAD LD BUILD



Item	Part #	Change No	Description	Usage Code	QTY
1	02/101584	Superseded	Head assembly, cylinder <i>LD50145</i>		1

1	02/101748	Superseded	Head assembly, cylinder <i>LD50145, LD50179 & LD50204</i>	1
1	02/102084		Head cylinder assembly	1
2	:02/100105	Superseded	Plug core D=32mm	1
2	:02/100396		Plug core D=32mm	1
3	:02/100148		Plug	1
4	:823/00264		Washer Aluminium (I/D=16mm)	1
5	:02/100149	Superseded	Cover End <i>6 Holes 5/16" diameter</i>	1
5	:02/101750	<EU040235M	Cover <i>6 Holes 5/16" diameter</i>	1
5	:02/101784		Cover <i>4 Holes 5/16" & 2 x 3/8" diameter</i>	1
6	:02/100150	Superseded	Gasket <i>6 Holes 5/16" diameter</i>	1
6	813/00037	<EU040235M	Gasket	1
6	:02/101785		Gasket <i>4 Holes 5/16" & 2 x 3/8" diameter</i>	1
7	:1305/0104Z		Setscrew (5/16" UNF x 3/4") <i>5/16"</i>	4
7	:1305/0104Z	<EU040235M	Setscrew (5/16" UNF x 3/4")	2
7	:1305/0204Z		Bolt 3/8" <i>3/8"</i>	2
8	:1416/0005Z		Washer spring - 5/16" Zinc plated <i>5/16"</i>	4
8	:1416/0005Z	<EU040235M	Washer spring - 5/16" Zinc plated	2
8	:1416/0006Z		Washer spring <i>3/8"</i>	2
9	:02/100022	Superseded	Valve Inlet Standard	4
9	:02/100212		Valve Inlet Standard	4
9	02/100085	<EU040235M	Valve Inlet Oversize - .003inch <i>See Note 1</i>	0
9	02/100086	<EU040235M	Valve Inlet Oversize - .015inch <i>See Note 1</i>	0
9	02/100087	<EU040235M	Valve Inlet Oversize - .030inch <i>See Note 1</i>	0
10	:02/100025	Superseded	Seal Valve Inlet	4
10	:02/100668		Seal valve	4
10A	:02/100539	Superseded	Seal Valve Exhaust	4
10A	:02/100668		Seal valve	4
10B	:02/100026		O Ring	4
11	:02/100023	Superseded	Valve Exhaust Standard	4
11	:02/101607		Valve exhaust standard	4
11	02/100088	<EU040235M	Valve Exhaust Oversize - .003inch <i>See Note 1</i>	0
11	02/100089	<EU040235M	Valve Exhaust Oversize - .015inch <i>See Note 1</i>	0
11	02/100090	<EU040235M	Valve Exhaust Oversize - .030inch <i>See Note 1</i>	0
12	:02/100019	Superseded	Spring valve outer <i>L=45.20mm (7.5 coils)</i>	8
12	:02/102072		Spring valve, outer	8
12A	:02/101968		Spring Valve outer <i>L=35.80mm (5.5 coils)</i> <i>See Note 2</i>	8
13	:02/100018	Superseded	Spring valve, inner <i>L=39.07mm (9 coils)</i>	8

13	:02/102071		Spring valve, inner	8
13A	:02/101969		Spring Valve inner <i>See Note 2 L=34.04mm (7 coils)</i>	8
14	:02/100020	<EU040235M	Seat spring	8
14	:02/100638		Seat spring	8
15	:02/100021		Holder Collet <i>Used only with items 12 & 13</i>	8
15A	:02/101970		Holder Collet <i>Used only with items 12A & 13A</i>	8
16	:02/100024		Collet	8
17	02/100621		Insert valve seat exhaust	0
18	02/100157		Plate lifting <i>Rear</i>	1
19	02/100157		Plate lifting <i>Front</i>	1
20	1305/0205Z		Bolt <i>Rear lifting plate - BOTTOM</i>	1
20A	1305/0206Z		Setscrew (3/8" UNF x1") <i>Rear lifting plate - TOP</i>	1
20B	1305/0210Z		Bolt <i>Front lifting plate</i>	2
21	1416/0006Z		Washer spring	4
22	02/100015	<EU874811J	Nut	2
23	:02/101788	Superseded	Guide Inlet valve <i>See Note 3</i>	4
23	:02/101883	>EU040236M	Guide inlet valve	4
24	:02/101789	Superseded	Guide exhaust valve <i>See Note 3</i>	4
24	:02/101884	>EU040236M	Guide exhaust valve	4

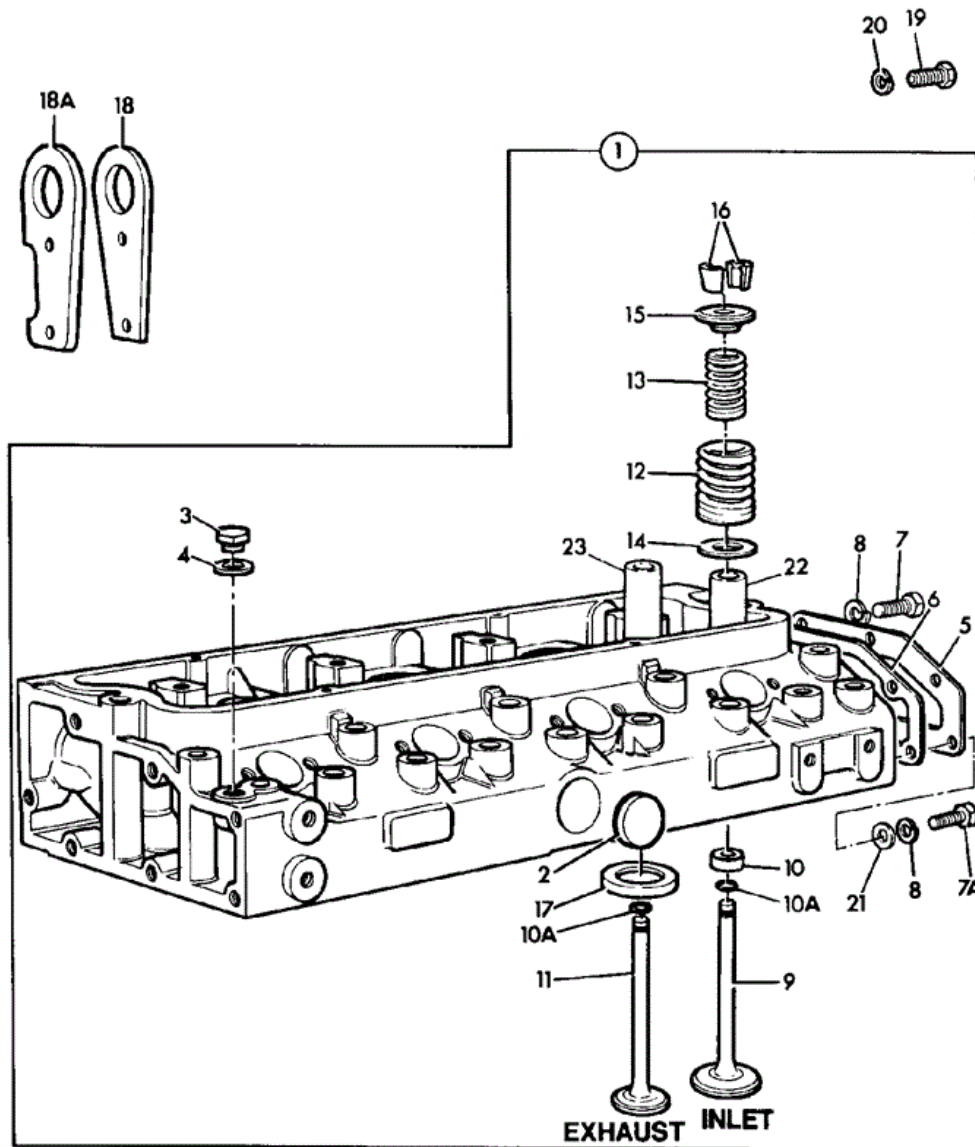
Note 1: Oversize valves can only be used with Cylinder Heads when valve guides are not fitted.

Note 2: Used only with Cyl/Heads 02/101748, 02/102084

Note 3: Used only with cylinder heads machined to accommodate valve guides.



9802/8500 L2-1-2 CYLINDER HEAD, LJ BU ILD



066732

Item	Part #	Change No	Description	Usage Code	QTY
1	02/101606	Superseded	Head assembly, cylinder <i>LH Builds</i>		1

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