

T.S. 050.084 ANNEX-1 REV-N MATERIAL LIST

Item	Component Name	Group No	Drawing or norm	Material	Hardness	Pieces Per Engine	Sorting Number	Sample Number
1	Connecting Rod Fitted Bolt		311390	acc. to drawing	acc. to drawing	64		A
2	Big End Nut		303715	acc. to drawing	acc. to drawing	64	47.08.001.0005	A
3	Blind Plug	18 J 99	412 496	acc. to drawing	acc. to drawing	16		A
4	Washer	18 J 74	422 138	acc. to drawing	acc. to drawing	64	47.12.001.0060	C
5	Rocker Sleeve Piece	18 J 24	408 861	acc. to drawing	acc. to drawing	32	47.12.001.0022	B
6	Valve Pusher Base	18 J 39	416 326	acc. to drawing	acc. to drawing	32	47.12.001.0036	B
7	Intake Valve Seat	18 J 3	409 875	acc. to drawing	acc. to drawing	32	47.12.001.0004	A
8	Exhaust Valve Seat	18 J 4	410 618	acc. to drawing	acc. to drawing	32	47.12.001.0005	A
9	Cylinder Head Plug	18 J 11	411 483	acc. to drawing	acc. to drawing	16	47.12.001.0012	B
10	Plug M14x1,5	18 J 59	NFR 93902	acc. to drawing	acc. to drawing	32	47.12.001.0047	B
11	Eye Bolt	18 J 50	421 790	acc. to drawing	acc. to drawing	16	47.12.001.0042	B
12	Plug M27x2	18 J 61	NFR 93902	acc. to drawing	acc. to drawing	80	47.12.001.0048	B
13	Plug M42x2	18 J 62	NFR 93902	acc. to drawing	acc. to drawing	32	47.12.001.0049	B
14	Plug M22x1,5	18 J 64	NFR 93902	acc. to drawing	acc. to drawing	32	47.12.001.0051	B
15	Plug M18x1,5	18 J 78	NFR 93902	acc. to drawing	acc. to drawing	80	47.12.001.0062	B
16	Spherical Pressure Bolt	18 J 90/2	590 350	acc. to drawing	acc. to drawing	64		B
17	Eye Bolt	48 J 25	409 229	acc. to drawing	acc. to drawing	53	47.27.001.0004	B
18	Stud M12x160/40/15	59 J 17	DIN 939	acc. to drawing	acc. to drawing	10	47.34.001.0015	B
19	Stud M10x25/20/12	101 J 263	DIN 939	acc. to drawing	acc. to drawing	107	47.19.001.0018	B
20	Stud M10x30/20/10	101 J 270	DIN 938	acc. to drawing	acc. to drawing	216	47.37.001.0040	B
21	Bolt M16x120/38	106 J 103	590 437	acc. to drawing	acc. to drawing	16	50.01.004.0110	B
22	Push Rod (assembly)		LM05304	acc. to drawing	acc. to drawing	16		B
23	Tappet End Piece		417619	acc. to drawing	acc. to drawing	32		B
24	Tappet stick		417982	acc. to drawing	acc. to drawing	16		B
25	Self Lubricating Bearing	24 J 76	590274	acc. to drawing	acc. to drawing	1	47.14.002.080	B
26	Gasget	24 J 11	590427	acc. to drawing	acc. to drawing	16	47.14.002.016	C
27	Semi-Centering Bearing	24 J 112	690107	acc. to drawing	acc. to drawing	1	47.14.002.112	A
28	Tappet Bushing	24 J 3	590426	acc. to drawing	acc. to drawing	16	47.14.002.004	B
29	End Component	24 J 71	410234	acc. to drawing	acc. to drawing	2	47.14.002.075	B
30	Nut	24 J 85 53 J 9500	590434	acc. to drawing	acc. to drawing	8	47.14.002.087	C

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31	Oil Level Indicating Pipe	24 J 36	590432	acc. to drawing	acc. to drawing	1	47.14.002.049	C
32	Retaining Pin	24 J 79	414958	acc. to drawing	acc. to drawing	2	47.14.002.082	B
33	Body Stud	24 J 19	590428	acc. to drawing	acc. to drawing	12	50.03.002.125	B
34	Oil Level Indicating Stick	24 J 35	590431	acc. to drawing	acc. to drawing	1	47.14.002.048	C
35	Retaining Pin	24 J 80	414957	acc. to drawing	acc. to drawing	1	47.14.002.083	B
36	Bushing	24 J 72	410264	acc. to drawing	acc. to drawing	2	47.14.002.076	B
37	Adjustment Screw	24 J 28/3	590430	acc. to drawing	acc. to drawing	16	47.14.002.034	B
38	Stud (Exhaust line)		412410	acc. to drawing	acc. to drawing	8	47.23.001.0016	B
39	Stud (Exhaust line)		420532	acc. to drawing	acc. to drawing	24	47.23.001.0022	B
40	Screw (Exhaust Line)		LM05270	acc. to drawing	acc. to drawing	64	47.23.001.0012	B
41	Stud (Cylinder Head)		LM07676	acc. to drawing	acc. to drawing	32	47.12.001.0052	B
42	Piston Pin (assembly)	14J12	690096	acc. to drawing	acc. to drawing	16	47.09.001.0006	A
43	Bolt (Exhaust Pipe Line)	42J	LM05269	acc. to drawing	acc. to drawing		47.23.001.0023	B
44	Stud Nut	16 J 104	414 849	acc. to drawing	acc. to drawing	112	47.11.001.0005	A
45	Stud Nut	16 J 5	414 118	acc. to drawing	acc. to drawing	16	47.11.001.0006	A
46	Stud Nut		410221	acc. to drawing	acc. to drawing	68		A
47	Stud (Jacket-Long)		409941	acc. to drawing	acc. to drawing	64		A
48	Body Stud (Short)		410135	acc. to drawing	acc. to drawing	4		A
49	Short Stud		413638	acc. to drawing	acc. to drawing	32		A
50	Long Stud		413639	acc. to drawing	acc. to drawing	32		A
51	Stud (Jacket)		409939	acc. to drawing	acc. to drawing	128		A
52	Turbo Bolt		LM 09744	acc. to drawing	acc. to drawing		47.00.101.1048	A
53	Special Nut		407457	acc. to drawing	acc. to drawing	64	47.12.001.0021	A
54	Snap Ring		410405	acc. to drawing	acc. to drawing	32	47.12.001.0026	A
55	Decompression Bolt		410404	acc. to drawing	acc. to drawing	16	47.12.001.0030	A
56	Push Sleeve Retaining Nut		419172	acc. to drawing	acc. to drawing	32	47.12.001.0039	A
57	Exhaust valve Push Rod Asm		424788	acc. to drawing	acc. to drawing	16	47.12.001.0043	A
58	Valve Set STD		408891-409875-410618	acc. to drawing	acc. to drawing	64-32-32	47.12.001.0072	A
59	Valve Guide (Export)		LM 06402	acc. to drawing	acc. to drawing	64	47.12.001.4003	A
60	Stud		LM 07662	acc. to drawing	acc. to drawing	16	47.14.001.0014	A
61	Lock Nut		590476	acc. to drawing	acc. to drawing	16	47.14.002.0033	A

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62	Pump Rack Shaft		LM 03737	acc. to drawing	acc. to drawing	2	47.14.002.0051	A
63	Stud		414877	acc. to drawing	acc. to drawing	10	47.17.001.0022	A
64	Stud		DIN 939 (M10X30/20/10)	acc. to drawing	acc. to drawing		47.17.001.0023	B
65	Stud		411631	acc. to drawing	acc. to drawing	1	47.19.002.0003	A
66	Fitting		420135	acc. to drawing	acc. to drawing		47.31.001.0062	A
67	Air Cooler Holder Left		06944/1	acc. to drawing	acc. to drawing	1	47.34.001.3003	A
68	Air Cooler Holder Right		06945/1	acc. to drawing	acc. to drawing	1	47.34.001.3004	A
69	Sealing Bushing Body		750386	acc. to drawing	acc. to drawing	1	47.40.001.0028	A
70	Plate (Without bushing))		590377	acc. to drawing	acc. to drawing		47.57.003.0002	A
71	Arm		590401-A	acc. to drawing	acc. to drawing		47.57.007.0003	C
72	Plate		590394-C	acc. to drawing	acc. to drawing	2	47.57.105.0003	C
73	Plate		590395-C	acc. to drawing	acc. to drawing	2	47.57.105.0004	C
74	Cage	126J	700820	acc. to drawing	acc. to drawing	2	47.57.105.0007	A
75	Decompression Valve Body		410403	acc. to drawing	acc. to drawing	16	47.12.001.0029	A
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