

# LEVEL 2 (ANNUAL) WAGON MAINTENANCE SHEET

## LVR F 036



Wagon Number		Date	
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Axle box type (circle)	Plain    Roller	Date or last grease or lubrication	
Date of last ultrasound		Date of last Level 3 Inspection	
A=UNFIT FOR SERVICE	B= FOR FUTURE ATTENTION	C= FIT FOR SERVICE	D= NOT APPLICABLE

Checklist		A	B	C	D	Comments/Remarks
<b>AXLE BOXES</b>						
1	Clearances between bogie frame and axle box liners Longitudinal _____ Lateral _____					
2	Condition of axle box and horncheek guides					
3	Evidence of fresh grease/oil leakage from seals					
4	Evidence of water ingress					
5	Evidence of hot box (burnt paint etc)					
6	Service lubricator pads and change axle box oil.					
<b>BOGIES AND WHEELS</b>						
7	Condition of wheels (complete wheelsheet LVRF048)					
8	Height of axle box springs					
9	Height of bolster spring and condition of spring and seating					
10	Condition of snubbers and guides					
11	Condition and security of hornstays					
12	Visual condition of king and queen castings					
13	Condition of swing links, pins and spring plank					
14	Condition and adjustment of brake rigging					
15	Radial clearances (1.5–3 mm each side)					
<b>BRAKES</b>						
16	Condition of hoses, cocks, dummy couplings and pipework					
17	Clean and grease triple valve					
18	Condition and operation of brake cylinder. Grease					
19	Condition and operation of slack adjuster. Grease					
20	Operation of water service unit					
21	Condition of reservoirs					
22	Handbrake condition and operation					
23	Brake rigging adjustment (alignment correct, no fouling points)					
24	Condition and serviceability of brake blocks					
25	Brake piston travel within adjustment					
26	Condition and operation of emergency brake cock and gauge					
27	Condition and operation of passenger pull cord					
28	Carriage passed single car brake test (LVRF 038)					
<b>UNDERFRAME</b>						
29	Frame condition (not bent/twisted, no cracks evident, corrosion)					
30	Security of battery boxes					
31	Condition/security of water tanks and holding tanks (if fitted)					
32	Security of air reservoirs					
33	Security of brake cylinders					

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Checklist		A	B	C	D	Comments/Remarks
34	Security of axle generators (if fitted)					
35	Security of all other underframe-mounted equipment					
<b>HEADSTOCKS AND BUFFERS</b>						
36	Condition of buffers, buffer beams and diaphragms					
37	Condition of headstocks					
38	Condition of couplers (including height above rail level at 865 +/- 25 mm), drawgear and supports					
39	Condition of jumper receptacles if fitted					
<b>ELECTRICAL</b>						
40	Carry out megger test					
41	Condition of switches and appliances					
42	Security of high voltage areas					
43	Condition of batteries					
<b>VEHICLE EXTERIOR</b>						
44	Body structurally sound condition					
45	Handrails and steps are secure and safe					
46	Walkways in safe condition					
47	Gangway and treadplates in safe condition					
48	Transition curtains fitted and in good condition					
<b>GAS INSTALLATION</b>						
49	Gas installation certification in date					
50	Gas bottles and regulators secure and operational					
51	Gas installation certification in date					
52	Gas cupboard ventilated					
53	Hoses and pipes in safe and serviceable condition					
54	Safe operation of each appliance including flame failure device					
<b>VEHICLE INTERIOR</b>						
55	Safe operation of all windows and catches					
56	Safe operation of rigid shades and catches					
57	Safe operation of doors, locks, handles and stops					
58	Structural condition of floors					
59	Condition of floor coverings					
60	Seats in safe condition					
61	Check taps and toilet valves and drain piping for leaks					
62	Check roof for leaks and ceilings of any signs of water damage					
63	Fire extinguishers in place and in date, fire blankets present (buffet only)					
64	First aid boxes in place and sealed					
65	Operation of air conditioning in A/C cars					

CERTIFIED OK TO RUN		
NAME	SIGNATURE	DATE