

Bus & Coach
International Service
Schedule



For Bus Models: Zero Emission City Bus

Customer Name:	Rego:	Km:
Vin #:	Fleet #:	
Note: Boxes NOT filled in with black are to be actioned if they line up with the service column which has been selected with a tick.		

6A	Zero Emission Bus - CHASSIS CHECKS	FIRST 5000KM
No		TICK IF OK
1	Air cleaner restriction - check	
2	Air compressor mounting - check	
3	Charge air cooler + Coolant radiator - check & clean	
4	Check for fluid leaks from coolant hoses.	
5	Check for any warning lights on dash.	
6	Radiator hoses - check for leaks, damage and clamp security/tension HV cooling system	
	Zero Emission Bus - OTHER CHECKS	
13	Check battery terminals for corrosion and tension (Low voltage system)	
14	Check HV system coolant level (on the roof, 2 tanks, one for HV batteries ,one for motor)	
15	Replace differential oil	
16	Check steering system for leaks, damage and correct operation	
17	Check steering system for worn ball joints	
18	Check steering gear and system for loose bolts and nuts	
19	Check steering shaft universal joints for wear and bolt tension	
20	Check power steering fluid level	
22	Check brake linings, brake components and pipes for wear and damage (in dash)	
23	Check operation of service / park brakes and adjust as necessary	
24	Check all hoses, pipes and electrical wires for wear, damage or leaks	

6A	Zero Emission Bus - OTHER CHECKS	FIRST 5000KM
No		TICK IF OK
25	Check driveline for damage or leaks	
26	Check electric motor mountings for damage and stress	
27	Air filter check / clean or replace if necessary	
28	Check air cleaner housing, hoses, pipes and clamps for damage and are secure	
29	Check tension of half axle bolts and wheel nuts	
30	Check tyre pressures and tyres for damage	
31	Check for any abnormal tyre wear	
32	Check wheel nuts are secure	
33	Lubricate all grease points accordingly	
34	Check all chassis fastening points for looseness and wear	
35	Check propeller shaft sliding joint for wear and lubricate	
36	Check tension of propeller shaft flange bolts and nuts	
37	Check suspension air bags / arms / bushes - for wear / leaks	
38	Check condition and function of shock absorbers	
39	Check operation of all lights and gauges	
40	Check all warning lights are functioning correctly	
41	Check emergency exit lights and stickers for wear and damage	
42	Check operation of air conditioner	
43	Check operation of wipers and washers	

6B	Zero Emission Bus – CHASSIS CHECKS	A	B	C	D
	BOXES NOT FILLED IN WITH BLACK ARE TO BE ACTIONED IF THEY LINE-UP WITH THE RELEVANT SERVICE COLUMN A,B,C,D	EVERY 15000KM	EVERY 30000KM	EVERY 60000KM	EVERY 120000KM
No	TICK REQUIRED SERVICE DUE IN BOX OPPOSITE				
1	Air cleaner restriction - check / correct				
2	Air compressor mounting - check / correct				
3	Charge air cooler + Coolant radiator - check & clean				
4	Cooling system - antifreeze/glycol and PH check				
5	Air compressor carbon build up - check / correct				
6	Radiator hoses - check				
6B	Zero Emission Bus - OTHER CHECKS	A	B	C	D
	BOXES NOT FILLED IN WITH BLACK ARE TO BE ACTIONED IF THEY LINE-UP WITH THE RELEVANT SERVICE COLUMN A,B,C,D	EVERY 15000KM	EVERY 30000KM	EVERY 60000KM	EVERY 120000KM
No	TICK REQUIRED SERVICE DUE IN BOX OPPOSITE				
1	Drain condensation from air tanks (weekly)				
2	Check battery electrolyte level and correct if necessary LV System				
3	Check battery terminals for corrosion and tension LV System				
4	Check differential oil level				
5	Check steering system for leaks, damage and correct operation				
6	Check steering system for worn ball joints				
7	Check steering gear and system for loose bolts and nuts				
8	Check steering shaft universal joints for wear and bolt tension				
9	Check power steering fluid level				
10	Check fluid level in cooling system				
11	Check brake linings & components for wear and damage				
12	Check operation of service / park brakes and adjust as necessary				
13	Check all hoses, pipes and wires for wear, damage or leaks				
14	Check driveline for damage or leaks				
15	Check electric motor mountings for damage and tension				
16	Replace air drier filter (minimum once per year)				
17	Air filter check / clean or replace if necessary				
18	Replace differential oil				
19	Replace power steering filter and fluid				
20	Replace Coolant and flush system (Not required for Tech Infinity)				
21	Check all 'V' belts				
22	Check brake pedal free play				
23	Check tension of half axle bolts and wheel nuts				
24	Check tyre pressures, wear & damage				
25	Lubricate all grease points accordingly				
26	Check all chassis fastening points for looseness and wear				

6B	Zero Emission Bus - OTHER CHECKS	A	B	C	D
	BOXES NOT FILLED IN WITH BLACK ARE TO BE ACTIONED IF THEY	EVERY	EVERY	EVERY	EVERY
	LINE-UP WITH THE RELEVANT SERVICE COLUMN A,B,C,D	15000KM	30000KM	60000KM	120000KM
No	TICK REQUIRED SERVICE DUE IN BOX OPPOSITE				
27	Clean re-lubricate and adjust wheel hub bearings				
28	Check propeller shaft sliding joint for wear and lubricate				
29	Check propeller shaft universal joints for wear and lubricate				
30	Check tension of propeller shaft flange bolts and nuts				
31	Check suspension air bags / arms / bushes - for wear / leaks				
32	Check and adjust wheel alignment				
33	Check condition and function of shock absorbers				
38	Check operation of all seat belts and seats are correctly secured				
35	Check fire extinguishers levels and expiry date				
36	Check operation of all lights and gauges				
37	Check all warning lights are functioning correctly				
38	Check emergency exit lights and stickers for wear and damage				
39	Check operation of air conditioner				
40	Replace air conditioner cabin filter				

Note: These service intervals are to be used as a guide only and may change from time to time. Therefore it is important to confirm details from the suppliers maintenance instruction booklet prior to commencement.

Engine/differential oil change intervals are based on mineral oil being used.

Transmission change intervals based on synthetic oil-Transynd for Allison and Eco-Fluid for ZF.

Other checks such as draining condensation from air tanks, greasing, checking fluid levels etc. must be done in between these recommended services. For buses operating under arduous conditions, service intervals must be reduced.