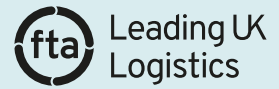


Maintenance Inspection – Motor Vehicles

RE-ORDER CODE 4221 • VC10



Company	Make	Reg no.....
Address.....	Model.....	Fleet no.....
.....	Body type.....	Odo reading..... miles/km
O licence review	Year.....	Chassis no
Tachograph calibration date.....	Tachograph last 2 year test date.....	Inspection date.....
		ISO week no.....

PART 1: INSPECTION

NOTE FOR INSPECTORS: IM numbered items are to be checked in accordance with the DVSA HGV Inspection Manual. Check for correct operation, security and freedom from excessive wear, maladjustment, damage, fracture, corrosion, oil, fluid and air leaks. Check all hydraulic reservoirs for fluid level and possible fluid contamination. Enter details of faults needing rectification in the space provided overleaf.

MARKING CODE (MC): ✓ = Serviceable X= Item requiring attention NC = Not checked N/A = Not applicable M = Monitor (possible maintenance required before next SI)

INSIDE CAB	MC	IM no
DfT plate - <i>condition-details</i>		
Speed limiter plate - <i>condition-details</i>		33
Seat belts and supplementary restraint systems - <i>condition</i>		3
Cab floor and steps		17
Seats		18
Other seats and crew amenities		
Mirrors (internal)		22
View to front		23
Condition of glass (screen/windows)		23
Windscreen wipers and washers		25
Speedometer/tachograph - <i>operation-seals</i>		26
Engine tachometer		
Audible warning - <i>horn</i>		27
Driving controls		28
Steering control - <i>free play</i>		30
Steering wheel - <i>security-condition</i>		30
Steering column		30
Anti-theft locks		
Pressure/vacuum - <i>warning</i>		34
Pressure/vacuum - <i>build up</i>		34
Other gauges - <i>warning devices</i>		
Hand lever, operating mechanical brake systems - <i>electronic park brake control</i>		36
Service brake pedal		37
Service brake operation/anti-lock warning		38
Hand operated brake control valves		39
Electrical wiring/equipment/switches		42
Front fog and aux lamp switches		
Panel/interior lamps and switches		
Cab heater/demister/air conditioning		

CAB-EXTERIOR	MC	IM no
Bumper (front)		9
Condition of wings/spray suppression/wheel arches (front)		14
Cab panels, trim and heated mirrors		
Cab security including tilt warning		15
Cab doors including hinges, locks		16
Cab floor and steps		17
Mirrors and indirect vision devices (external)		22
Front lamps (side lamps) and outline markers		63
Headlamp cleaning device		63
Day time running lamps		63
Headlamps - <i>operation-aim-adjustment-mechanisms</i>		67
Front fog lamps/spot lamps/dim dip device		

ENGINE COMPARTMENT	MC	IM no
Engine/transmission mountings		43
Oil leaks		44
Fuel tanks and systems		45
Exhaust systems		46
Exhaust brake		
Radiator mounting		
Cooling system		
Fan, generator, aux belts		
Fuel pump linkage seals and EDC equipment		
Speed limiter - <i>condition-seals-linkage</i>		33
Injectors, pipes, filters		
Air intake system - <i>turbocharger intercooler and filters</i>		
Air compressor - <i>exhauster - drive belts (if applicable)</i>		59

GROUND LEVEL	MC	IM no
Road wheels and hubs		6
Sideguards, rear underrun devices and bumper bars		9
Spare wheel carrier (and spare wheel)		10
Vehicle to trailer coupling		11
Wings/spray suppression (rear)/wheel arches - <i>condition</i>		14
Security/condition of body		19/20
Demountable bodies - <i>chassis mounted equipment</i>		
Security of body, containers and crane support legs		19
Tipping gear - <i>hydraulic rams, pivots and safety devices</i>		
Tailboard hoists		
Cranes, gantries		
Other ancillary equipment		

UNDER/ALONGSIDE VEHICLE	MC	IM no
Chassis - <i>condition</i>		41
Electrical wiring and equipment including batteries		42
Electrical connections for trailer		42
Oil leaks		44
Fuel tanks and systems		45
Exhaust system		46
Suspension pins and bushes - <i>condition</i>		48
Suspension units and linkages - <i>condition</i>		48
Spring units, linkages and sub-frames - <i>security</i>		48
Shock absorbers		48
Wheel bearings and seals (rear)		
Axles/stub axles and wheel bearings		53
Steering mechanism		54
Steering alignment		
Power steering and fluid level		54
Axle alignment		
Clutch operation		
Gearbox and bell housing		
Change speed mechanism		
Power take-off		
Final drive		
2-speed shift mechanism		
Differential lock - <i>traction control</i>		
Load transfer/axle lift device		
Transmission - <i>drive line-mountings</i>		57
BRAKES		
Electronic braking system/electronic stability control system - <i>operation-warning</i>		38
Hydraulic fluid level		59
Mechanical brake components		59
Drums and linings/discs and pads		59
Brake actuators and adjusters		59
Brake systems and components		59
Trailer couplings, hoses and function of self-sealing valves		12
Load sensing/anti-lock system		59
Air brake anti-freeze device		
Anti-lock device - <i>operation/warning</i>		38
Operation of supply dump valve		
Operation of multi-circuit protection		
Additional braking devices		58

PART 1: INSPECTION (Continued)

UNDER/ALONGSIDE VEHICLE (continued)	MC	IM no
Rear markings and conspicuity markings		62
Rear lamps, outline markers and number plate lamp		63
Rear fog lamps including warning device		63
Reflectors (side and rear)		62
Direction/hazard indicators including warning device		66
Side marker lamps		63
Stop lamps		63
Reversing lamps		
Position lamps, headlamps and warning device		63
Other lamps		
Paintwork and livery - condition		
Licences		
Legal writing		
Registration plates		1
Other dangerous defects		74
EXHAUST EMISSION		5

TYRES	MC	IM no
Size and type of tyres		7
Condition of tyres		8

(strike out/amend boxes)

TREAD WEAR/PRESSURE

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	psi
mm	psi	mm	psi	mm	psi	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	mm
mm	psi	mm	psi	mm	psi	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
mm	psi	mm	psi	mm	psi	

PART 2: RECTIFICATION

DETAILS OF FAULTS NEEDING RECTIFICATION	IM No	Fault no	ACTION TAKEN TO RECTIFY FAULTS	RECTIFIED BY
1 Needing immediate attention				
2 Less urgent – for early attention				
Faults numbered here are Driver Defect Report items <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Signature of inspector Name of inspector			I consider the above defects have been rectified satisfactorily and the vehicle is now in a safe and roadworthy condition Signature Position	Date completed

PART 3: ROAD/BRAKE TEST REPORT (*Delete as appropriate)

BRAKE PERFORMANCE IM Nos 71, 72, 73	ROAD SPEED LIMITER operational YES/NO* – set speed <input type="text"/> kph* mph*			Load condition of vehicle	
Decelerometer test* @ kph* mph*	Road conditions			Laden*	Unladen*
	Service [IM no 71] %	Secondary [IM no 72] %	Parking [IM no 73] %	Comments	
Roller brake test*					
ROAD TEST – OVERALL COMMENTS					
Tester's signature.....					

BRAKE TEMPERATURE ASSESSMENT									
Side	Axle 1	Axle 2	Axle 3	Axle 4	Side	Axle 1	Axle 2	Axle 3	Axle 4
O/S	°C	°C	°C	°C	N/S	°C	°C	°C	°C
Date of braking assessment									

OPTIONAL	
Digital tachograph	
Data download	YES / NO*