



# PREVENTATIVE MAINTENANCE INSPECTION GUIDE **B**

Vehicle Unit Number \_\_\_\_\_

WO Number \_\_\_\_\_

Date \_\_\_\_\_

Customer Name \_\_\_\_\_

Truck Make/Model \_\_\_\_\_

Branch \_\_\_\_\_

Equipment Hours \_\_\_\_\_

Hub Mileage \_\_\_\_\_

Speedometer Mileage \_\_\_\_\_

Engine Model \_\_\_\_\_

## CODE MUST APPEAR FOR EVERY ITEM OF INSPECTION COMPLETED

✓ = Inspected and O.K.

N = Not applicable to this unit

O = Shop repair required: REPORT TO SERVICE MANAGER/LEADMAN

B	CAB/DRIVER ITEMS CHECK/INSPECT	Mechanic #	B		Mechanic #				
	1. Install seat cover and floor mat.			50. Rear axles for leaks, lube level _____ lbs. added.					
	2. Cab Interior - appearance and condition.			51. Check axle breathers.					
	3. Seat adjustments, cushions and belts.			52. Check air ride height measurement _____					
	4. Mirrors and brackets for cracks, discoloration and tightness.			53. Rear U-bolts for looseness.					
	5. Window regulators, operation; vent action.			54. Brake hoses, valves, and chambers for condition/leaks.					
	6. All lights, horn, warning lights, ABS, instruments.			55. Clutch cross shaft, cables, linkage for wear. Lubricate.					
	7. Gauges: Oil, idle _____ lbs. no load _____ lbs.			56. Fuel crossover lines, and brackets for condition/leaks.					
	Volt/Amp _____ / _____			57. Air tanks for mounting damage and leaks. Drain.					
	Engine temp _____ °F			58. Frame and crossmembers for cracks, loose bolts, etc.					
	Transmission/Rear and temp _____ °F			59. Check rear brake adjustment. Lining remaining _____ inch @ thinnest pt.					
	Tach idle _____ RPM, no load _____ RPM			60. Rear wheel seal for leakage.					
	Speedometer _____			61. Check front brake adjustment. Lining remaining _____ inch @ thinnest pt.					
	8. Wipers and washers. Fill reservoir.			62. Front wheel seal for leakage.					
	9. Radio, heater, directional signals.			<b>VEHICLE JACKED UP CHECK/INSPECT</b>					
	10. Set Parking brake and test.			63. Front wheel bearings.					
	11. Brake pedal action. Test in operation. Watch gauge.			64. Drag link, Pitman/steering arms.					
	12. Transmission lever in all positions.			65. King pins for looseness and wear.					
	13. Clutch pedal free travel _____ in. Clutch brake application.			66. Front spring bushings, supports, and hangers for wear, looseness, misalignment, and breaks.					
	14. Fire extinguishers, reflectors and brackets			67. Tie rod ends for looseness and wear.					
	15. Throttle accelerator control operation.			68. Lube entire vehicle, 5th wheel linkage, slack clevis.					
	16. Condition of all cab glass (cracks, chips, scratches).			<b>CAB TILTED CHECK/INSPECT</b>					
	17. Steering wheel free play.			<b>NOTE: SECURE LOOSE ITEMS IN CAB. CHECK SAFETY LATCH.</b>					
	18. Air compressor cut in _____ lbs. cut out _____ lbs.			69. Replace fuel filter, check strainer and separator.					
	19. Check air dryer operation.			70. Exhaust pipe, muffler, tailpipe, hanger brackets for condition, tightness, and leaks.					
	20. Run A/C 5 min. Check operation all speeds.			71. Cab and Hood hold down bolts latch, and insulators for tightness and cracks.					
	21. Power divider; check operation of light.			72. Antifreeze refractometer test _____ °F. Check DCA or Nitrite _____					
	22. Operation of engine shut-down solenoid or stop cable.			Red _____ Green _____					
	23. Operation of glow plugs or either injector.			73. Radiator coolant level. Check for oil & fuel.					
	<b>WALK-AROUND CHECK/INSPECT</b>			74. Replace water filter element for green A/F.					
	24. Front sheet metal, paint and bumper for appearance, condition and damage. Check license plates & mounting.			75. Pressure test cooling system.					
	25. Operation of all lights and directional signals.			76. Fuel leaks.					
	26. Wheel nuts for looseness. Check rust tracking slipped wheels.			77. Oil leaks.					
	27. Record tire pressure <b>before inflating</b> ; record tread depth. Air tires per Bulletin 17-02.			78. Water leaks.					
	Steer axle			79. Air leaks.					
	<table border="1"><tr><td>_____ lbs.</td><td>_____ lbs.</td></tr><tr><td>_____ /32 in.</td><td>_____ /32 in.</td></tr></table>	_____ lbs.	_____ lbs.	_____ /32 in.	_____ /32 in.			80. Freon leaks or oil residue on lines.	
_____ lbs.	_____ lbs.								
_____ /32 in.	_____ /32 in.								
	<table border="1"><tr><td>_____ lbs.</td><td>_____ lbs.</td></tr><tr><td>_____ /32 in.</td><td>_____ /32 in.</td></tr></table>	_____ lbs.	_____ lbs.	_____ /32 in.	_____ /32 in.			81. Fuel, oil, water, air and freon lines/hoses for kinks, chafing, and deterioration.	
_____ lbs.	_____ lbs.								
_____ /32 in.	_____ /32 in.								
	<table border="1"><tr><td>_____ lbs.</td><td>_____ lbs.</td></tr><tr><td>_____ /32 in.</td><td>_____ /32 in.</td></tr></table>	_____ lbs.	_____ lbs.	_____ /32 in.	_____ /32 in.			82. Radiator core, cap, water pump, cylinder head, block, heater, and connections for condition and leaks.	
_____ lbs.	_____ lbs.								
_____ /32 in.	_____ /32 in.								
	<table border="1"><tr><td>_____ lbs.</td><td>_____ lbs.</td></tr><tr><td>_____ /32 in.</td><td>_____ /32 in.</td></tr></table>	_____ lbs.	_____ lbs.	_____ /32 in.	_____ /32 in.			83. Exhaust manifold and pipe flanges for leaks and cracks.	
_____ lbs.	_____ lbs.								
_____ /32 in.	_____ /32 in.								
	<table border="1"><tr><td>_____ lbs.</td><td>_____ lbs.</td></tr><tr><td>_____ /32 in.</td><td>_____ /32 in.</td></tr></table>	_____ lbs.	_____ lbs.	_____ /32 in.	_____ /32 in.			84. Air inlet system for condition, leaks, and holes. Tighten clamps.	
_____ lbs.	_____ lbs.								
_____ /32 in.	_____ /32 in.								
	All stems must have Air through caps.			85. Operation of fan clutch and fan.					
	28. Left side of cab for appearance, decals and damage.			86. Record air inlet restriction indicator. _____ Service if needed. Reset and check operation.					
	29. Left cab door latch, hinge and stop. Lubricate. Check key in door lock.			87. Power steering fluid level. Fill if needed. _____ pints used.					
				88. Check condition of all belts and check adjustment.					
				89. Steering gear lube level. Fill if needed. _____ pints used.					

30. Air shield brackets for tightness.			90. Starter, alternator, and electrical connections for looseness/corrosion.	
31. Condition of air hoses, tender springs, spacers, and replace gladhand washer as needed.			91. Check battery mounting and hold-downs.	
32. Condition of trailer light cord, plugs, and connections (use lightbox).			92. Service batteries and cables. Tighten, clean, and seal.	
33. Condition of left fuel tank and mountings.			volts _____	
34. Left side frame, air bags, springs, hangers and shocks.			amps _____	
35. Left side of fifth wheel, and mounting.			<b>ADDITIONAL CHECKS</b>	
36. Rear of vehicle-appearance and mounting.			93. With engine running, check air restriction gauge.	
37. Right side of fifth wheel and mounting.			94. Check engine oil level, after running.	
38. Right side frame, air bags, springs, hangers and shocks.			95. Clean engine if required.	
39. Condition of right fuel tank and mountings.			96. Clean steering wheel, gearshift, door handles, etc.	
40. Right cab door latch, hinges, and stop. Lubricate and adjust. Check key in door lock.			97. Wash cab on rentals and leases.	
41. Right side of cab for appearance, decals and damage.			98. Change P.M. sticker. Next inspection _____ date/miles.	
<b>UNDER VEHICLE CHECK/INSPECT</b>			99. Update Annual Inspection Sticker or DOT Sticker.	
42. Drain hot engine oil. Replace plug & gasket if necessary. Take oil sample. Replace filter element, gasket and engine oil. Quarts used _____.			100. Check for equipment notes and recalls.	
43. Engine mounts for deterioration, looseness, torque.			101. Check & clean permit pouch on Star equipment.	
44. Pan gasket, front/rear crankshaft seals for leaks.			102. Clean shop, stall and tools.	
45. Clutch linkage, clutch brake for operation and clearance.			<b>BOX CHECK</b>	
46. Front U-bolts for looseness.			103. Check OH door roller, hinges, track.	
47. Drive shaft, brackets, flanges, hangers, center bearings, and U-joints for condition and alignment.			104. Check roof for hole and bows.	
48. Transmission for leaks, lube level _____ lbs. added.			105. Check sides, front and all posts for condition.	
49. Transmission support for deterioration/looseness.			106. Check condition of scuff.	
			107. Check floor.	
			108. Check door frame and side rails.	
			109. Operate ramp or gate and lube.	

### ITEMS MARKED WITH "O" FOR SHOP REPAIR:

ITEM NO.	DESCRIPTION OF REPAIRS NEEDED	MECHANIC #

Completion of this Inspection and necessary repairs meets the requirements of 49 CFR, Part 396., Appendix G.

INSPECTOR'S SIGNATURE X

VEHICLE PASSED   
VEHICLE NOT PASSED

X SERVICE MANAGER/LEADMAN: SIGN TO ACKNOWLEDGE ITEMS REQUIRING REPAIR.

DATE \_\_\_\_\_