

“B” SERVICE

83-POINT INSPECTION FORM

- Medium
- Heavy



A **NAVISTAR** COMPANY

CUSTOMER INFORMATION

Customer Name:		VIN No:	
Unit No:	Date:	Repair Order No:	
Mileage (Km):	Hours:	Hubometer:	

INSPECTION REPORT

(√=Satisfactory R = Repairs Needed)

CAB INTERIOR INSPECTION

1. Turn key on – check for fault codes, record	
2. Start engine – observe instrument operation	
3. Apply and release brakes 10 times	
4. Check low air warning buzzer and light	
5. Check that dash parking brake valves pop out at 35 psi	
6. Check clutch pedal free travel	
7. Check clutch brake operation	
8. Check transmission hi-low splitter or two-speed axle controls	
9. Check clutch and/or neutral safety switch	
10. Check HVAC defrosters, air vents, fan speed and controls	
11. Check HVAC duct temperature, record	
12. Check windshield wipers and washers	
13. Check horns, electric and air	
14. Check interior lights, turn indicators and dash lights	
15. Check door glass and mirror controls	
16. Check seats, seat belts and floor mats	
17. Check tractor hand valve	
18. Check power divider shift operation	
19. Check fifth wheel slider air lock operation	
20. Check air suspension dump valve	
21. Check ABS antilock monitor light, if equipped	
22. Check parking brake	
23. Check hydraulic brake booster, back-up motor, warning light and buzzer	
24. Check for three DOT approved warning triangles	
25. Check for fire extinguisher	

26. Check seals (boots) – shifter, clutch and steering shaft	
27. Check DOT sticker validation	

ENGINE OIL INSPECTION

28. Take an oil sample	
29. Drain engine oil	

AROUND VEHICLE INSPECTION

30. Check cab and body appearance – condition and damage	
31. Check air fairings, extenders and brackets	
32. Check license plate holder and light	
33. Check lighting – headlights, tail/stop, turn signal, marker, backup, reflectors and work lights	
34. Check doors – access and latches	
35. Check hood latches	
36. Check steps and grab handles	
37. Check fuel tank straps and fuel fill cap	
38. Check batteries – visual inspection of cables, clamping, corrosion and fluid level, fill if necessary	
39. Check vertical exhaust, muffler, clamps and brackets	
40. Check mirrors – condition and mounts	
41. Check mud flaps/splash guards/dock bumpers	
42. Check trailer electrical/air hoses, glad hands	
43. Check cab air ride system	
44. Check fifth wheel – mounting and jaws	
45. Check frame and crossmembers	
46. Check pintle hook and safety chain loops	
47. Check body – inspect doors, cargo latches and lift gates	

COMMENTS

AROUND VEHICLE INSPECTION (CONTINUED)

48. Check tires and wheels – enter existing psi & tread depth

UNDER HOOD OR RAISED CAB INSPECTION

49. Check radiator, fan drive, and shroud	
50. Pressure test cooling system	
51. Test DCA, extended life and freeze protection	
52. Check belts – visual inspection for wear and tension	
53. Check hoses – condition and/or leaks	
54. Check hose and wire routing, securing	
55. Check exhaust – mounting, clamping and evidence of leaks	
56. Check air cleaner restriction gauge	
57. Check air cleaner housing, air-to-air piping and clamping	
58. Check alternator – visual inspection	
59. Check wiper blade condition	
60. Check starting system – visual inspection	
61. Check steering shaft, shaft U-joints, box mounting, pitman arm and drag link	
62. Check power steering fluid level	
63. Check master cylinder fluid level	
64. Top off windshield washer fluid	
65. Drain water from fuel water separator	
66. Change fuel filter (Engine Mounted, include prescreen element if equipped)	
67. Change fuel water separator element	

COMMENTS

“B” SERVICE INSPECTION INCLUDES DOT ANNUAL INSPECTION. APPLICABLE TO U.S. ONLY. COMPLETE A CURRENT ANNUAL INSPECTION WITH THIS FORM.

68. Change water filter	
69. Check APAD's controller for fault codes	

UNDER VEHICLE INSPECTION

70. Check for oil leaks – engine, steering, axle, transmission and differential	
71. Check engine and transmission mounts	
72. Check transmission oil level	
73. Check driveline and U-joints	
74. Check transmission and differential yoke for play	
75. Check differential oil level	
76. Check springs, hangers and shocks	
77. Check tie rod ends	
78. Check air tanks, air dryer – drain and observe for oil and water	
79. Check horizontal exhaust, muffler, clamps and brackets	
80. Check brake rod travel	
81. Check brake lining and/or pad wear	
82. Check ABS wiring and routing	
83. Check PTO, wetline pumps & hose routing	
84. Check air ride height	
85. Install oil plug and torque	
86. Raise front axle – inspect king pins and wheel bearings	
87. Grease king pins following the “turn and load” procedure	
88. Grease complete chassis (Include lift gate if equipped)	
89. Change oil filter *Change Centrifugal Oil Filter when applicable.	

FINAL PROCEDURES

90. Fill engine with oil and run, recheck level	
91. Check automatic transmission fluid level	
92. Install PM sticker in windshield	
93. Install DOT sticker	
94. Reset oil change light	
95. Review PM sheet with service writer	