

NDDOT 100 HOUR TRUCK INSPECTION CHECKLIST

North Dakota Department of Transportation, State Fleet Services
SFN 60736 (6-2016)

✓ = Satisfactory
R = Repairs Needed
N/A = Not Applicable

Unit Number	Hours
Miles	Date
Technician/Operator	Supervisor

Cab Interior

	✓	R	N/A
1. Start engine-observe instrument operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Check low air warning buzzer and light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Check that dash parking brake valves pop out at 35 psi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Check axle controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Check HVAC defrosters, air vents, fan speed & controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Check windshield wipers and washers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Check horns, electric and air	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Check interior lights, turn indicators & dash lights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Check door glass and mirror controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Check seat, seat belts, and floor mats	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Check tractor hand valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Check power divider/differential lock shift operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Check fifth wheel slider air lock operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Check ABS monitor light, if equipped	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Check parking brake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Check the fire extinguisher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Around Vehicle

17. Check license plate holder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Check lighting-headlights, tail/stop, turn signal, marker, backup, reflectors & work lights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. Check doors access and latches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Check hood latches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Check steps and grab handles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Check fuel tank straps and fuel fill cap	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23. Check batteries-visual inspection of cables, clamping, corrosion an fluid level, fill if necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24. Check vertical exhaust, muffler/clamps/brackets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25. Check mirrors-condition and mounts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26. Check mud flaps/splash guard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27. Check trailer electrical/air hoses, glad hands	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28. Check cab air ride system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29. Check fifth wheel - mounting and jaws	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30. Check frame cross members	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31. Check pintle hook and safety chain loops	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32. Check ALL mounted equip-wing underbody, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33. Check mounted body hoist operation, tailgate operation, hinge pins, and damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34. Check all tires - psi and tread depth	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Under Hood

	✓	R	N/A
35. Check belts - visual inspection of wear & tension	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36. Check hoses - condition and/or leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37. Check hose and wire routing, securing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38. Check exhaust - mounting, clamping & evidence of leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39. Check air cleaner restriction gauge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40. Check air cleaner housing, air-to-air piping & clamping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41. Check alternator - visual inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42. Check wiper blade condition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43. Check starting system - visual inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44. Check power steering fluid level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45. Check steering shaft, shaft u-joints, box mounting, pitman arm and drag link	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Under Vehicle

46. Check for oil leaks-engine, steering, axle, transmission, and differential	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47. Check transmission oil level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48. Check driveline and u-joints	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
49. Check transmission & differential yoke for play	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50. Check differential oil level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
51. Check springs, hangers and shocks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
52. Check air tanks, servicer air dryer, drain and observe for oil and water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
53. Check horizontal exhaust, muffler/clamps/brackets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
54. Check brake backing plates - replace if missing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55. Check ABS wiring & routing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
56. Check PTO, hydraulic hoses and routing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
57. Grease complete chassis(including box & hoist)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
58. Replace differential lube filter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
59. Note condition and damage in the Notes section below	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Notes