

Prior to delivery of your vehicle, the following checks and inspections were performed. Any item(s) that did not pass our 102-point inspection have been replaced or repaired.



JOHNSON LIFT / HYSTER

Customer 102-Point Vehicle Inspection Checklist

DRIVE TEST

Engine

1. Starts (cold/hot)
2. Idles
3. Accelerates and cruises smoothly
4. Engine noise normal (cold/hot and high/low speeds)

Transmission/Differential

5. Auto/manual operation/shifts/noise normal (cold/hot)
6. Shift interlock operates
7. Clutch/inching operates (smoothly and with proper adjustment)
8. Drive axle operation, noise normal

Steering

9. Steers normal (proper response, centering, free play)

Brakes

10. Operate (Pedal effort/height appropriate, no pulling, pulsating)

Accessories

11. All Gauges working
12. Safety Equipment (seat belt, strobe, back-up alarm if equipped)

VEHICLE APPEARANCE

13. No evidence of flood, fire or any major damage

Body Panels

14. No visible damage or misalignment; paint not mismatched or poor
15. Hood release, prop rod/gas struts operate

Safety Equipment

16. Overhead guard and load backrest, no visible damage

Glass, Outside Mirrors, Wipers (if equipped)

17. Windshield free from visible cracks
18. Mirrors not cracked, visibly damaged
19. Inspect wipers

Lights

20. Headlights and rear light on/off
21. Brake lights
22. Reverse lights

OPERATOR COMPARTMENT

Operator Amenities-operate no damage

23. Tilt steering wheel, column lock
24. Forward/reverse lever
25. Horn
26. Safety belt operate, free from cuts or wear
27. Instrument panel lights
28. Floor mat
29. Seat and arm rests, operate properly, free from cuts or excessive wear
30. Windows and doors, operate as designed

UNDERHOOD

Engine Control System

31. Codes set to factory default
32. No stored codes

Fluids-Check Condition, level; add or change as required

33. Engine oil and filter (change)
34. Coolant
35. Brake fluid
36. Transmission fluid
37. Hydraulic fluid and filter Engine
38. Fluid leaks (record what is leaking, where)
39. Hoses, lines: coolant, fuel, brake, hydraulic, vacuum(check condition, leaks)
40. Belts (check wear, cracks, fraying, proper adjustment)
41. Hydraulic pump(check for leaks, noise)
42. Master cylinder and booster (check for leaks)
43. Engine mounts not broken/separated
44. Cylinder compression/power balance readings

Cooling System

45. Radiator (perform pressure check, inspect for leaks, condition of tubes, tanks and fins)
46. Water pump (free from leaks or unusual noise)
47. Coolants recovery tank

Fuel System

48. Fuel pressure adequate for operation
49. Fuel filter (replace per maintenance schedule)
50. Air filter (replace per maintenance schedule)

Electrical System

51. Battery type, condition, fluid level, load test correct
52. Alternator output correct (check voltages)
53. Ignition system functions
54. Starter operates (free from unusual noise)

Exhaust System

55. Entire exhaust system not damaged or leaking

UNDERBODY

Frame and counterweight

56. No visible damage, signs of past repairs, proper alignment

Transmission, Differential

57. Automatic transmission not leaking; check fluid levels; fill/change as required
58. Differential not leaking; check fluid levels; fill/change as required
59. Manual transmission not leaking; check fluid levels; fill/change as required

Tires and Wheels

60. Drive tires and wheels match, correct size
61. Steer tires and wheels match, correct size
62. Tread at least 50% remaining
63. Normal tire wear, no excessive damage
64. Pressures are correct
65. Wheels free from excessive damage

Steering and Chassis

66. Lubricated (per maintenance schedule)
67. Steer arms, ball joints, pins, bushings not visibly damaged, worn
68. Steer bearings not loose or worn
69. Steer axle not visibly damaged, worn
70. Steer cylinder not leaking or damaged

Brakes

71. Cylinders operate with no leaks
72. Shoes, at least 50% thickness remaining
73. Drums at least 50% of thickness spec; not scored
74. Brake lines, hoses, fittings not worn or leaking
75. Master cylinder not worn or leaking
76. Parking brake operates/adjusted

MAST AND CARRIAGE ASSEMBLY

Mast

77. Mast lift chains and anchor, acceptable wear and condition; within factory specs
78. Rollers and stub shafts, not excessively worn
79. Lift cylinders not leaking, functioning properly
80. Mast channel not excessively worn or damaged
81. Functions smoothly
82. Hoses and sheaves not leaking/damaged

83. Lubricated

Carriage

84. Rollers and stub shafts, not excessively worn
85. Carriage not excessively worn or damaged
86. Integral attachment not leaking/damaged, functioning properly
87. Hoses not leaking/damaged

Attachment

88. Functions properly, not excessively damaged
89. Cylinders and hoses not leaking/damaged

ELECTRIC FORK LIFTS

90. Traction motor has less than 50% wear on brushes
91. Steer motor has less than 50% wear on brushes
92. Hydraulic motor has less than 50% wear on brushes
93. Inspect DC-DC converter for correct voltage
94. Contact tips not excessively worn
95. SB connectors not damaged, match with charger
96. Buss bars, fuses, harness, connectors and control panel for damage/shorts
97. Inspect control components (control handle, display, controller)
98. Clear fault codes, set to factory parameters/latest soft wear "tune up"
99. Electric and mechanical brakes (if applicable)
100. Emergency lowering valve for proper function
101. Gear box, transfer box and final drive for proper fluid/level
102. Battery status, proper voltage/specs

Serial # _____ Date _____

Technician Signature _____ Date _____

Service Manager _____ Date _____

Used Equipment Manager _____ Date _____