



Zip's Truck Equipment

316 W. Milwaukee Street
 New Hampton, Iowa 50659
 Phone: 641-394-3166
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Visual Inspection

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Customer: _____
Address: _____
Serial No: J11508
Equipment Type: Light-Duty Tow Truck
Event Performed: Light Duty Wrecker Inspection
Result: Pass
Inspected By: _____

Division: _____
Location: New Hampton, IA
Phone: _____
Reference #: 1HTMPAFM44H667516
Order #: _____
Inspected On: 01/15/15 7:00 AM CST
Total Score: _____
Comments: _____

Iowa Inspector Shop

Light-Duty Tow Truck-J11508



* Year: 2004
 * Make: International
 * Model: 4200
 * Engine Model: VT365
 * Horse Power: 215
 * Fuel Type: Diesel
 * Transmission Type: Automatic
 * Odometer Reading: 127,804
 * GVW: 25,500#
 * Cab to Axle: 84"
 * Wheel Base: 152"
 Wheel Type: Stainless Steel Wheel Simulators
 * Cab Color ONLY: Red
 * Body Make: Century
 * Body Model: 602A
 * Body Serial Number: 602-3292-102
 * Beacon/Lightbar Make: Whelen
 * Beacon/Lightbar Model: Phoenix
 PTO Type: Hot Shift
 Switch Panel & # Of Switches: In Dash - 7
 * Wrecker Body/Pylon Color: Red


Engine Check	Status	Comments
Ability to Start	Starts Normally	-This truck did not start we found that the alternator is not charging and the battery's are bad Replaced high pressure oil pump, injector pressure regulator, and turbo. Truck starts right up now.
Engine Blow-By Check	Has some Blow-By	
Engine Oil Leaks	No Oil Leaks Observed	-There is a leak on top of the motor also one on the left side Replaced missing valve cover bolt, intake gaskets and o-rings, and seal for hpop cover plate.
Engine Noise	Engine sounds are normal	
Engine Warning Lights	No Check Engine Lights are on	
Engine Water Leaks	No Water Leaks	
Performance	Performs Normally	
Engine Mounts	In Good Condition	
Other Engine Notes		-ZIP'S installed a new alternator 9/19/14 also the 2 new batteries the same day
Engine Brake		
Batteries	Status	Comments
Condition of Cables	In Good Condition	
Condition of Batteries	In Good Condition	-Both batteries are new
Load Testing	Pass	
Cooling System	Status	Comments
Radiator	In Good Condition	
Fan	In Good Condition	
Fan Clutch	In Good Condition	
Fan Shroud	In Good Condition	
Water Hoses	In Good Condition	
Fan Belt	In Good Condition	-2 new belts 9/19/14
Other Cooling Condition Notes		

Engine Check	Status	Comments

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Automatic Transmission Check	Status	Comments
Transmission Operation	Transmission Operates Normally	
Other Transmission Notes		-Trim piece missing by shifter lever
Manual Transmission Check	Status	Comments
Shifting		
Clutch Operation		
Throw-Out Bearing		
Transmission Noise		
Other Transmission Notes		
Overall Body Condition	Status	Comments
Overall Condition	Good	
Other Overall Body Condition notes		
Cab Exterior	Status	Comments
Hood	Good Condition	-There is a rub mark on the right side
		
Right Fender	Good Condition	
Left Fender	Good Condition	
Grille	In Good Condition	
Back of Cab	Good Condition	
Driver Side Door	Good Condition	
Passenger Side Door	Good Condition	-There is a small dent above the INT. sign
		
Roof	Factory Clear Coat Peeling	-It has some paint peeling
Other Cab Exterior Notes		-Both mirrors are loose right one has a scratch on it. Fixed mirrors
Fuel Tank Appearance	In Good Condition	-Tank has some rust

Cab Exterior	Status	Comments
		
Entry Steps	In Good Condition	
Head-Light Doors	In Good Condition	
Battery Box	In Good Condition	
Driver Side Door Hinges	Worn - Useable	-Hinge is little loose Ok
Passenger Side Door Hinges	In Good Condition	
Glass Condition	Status	Comments
Windshield	Good Condition	
Driver Side Window	Good Condition	
Passenger Side Windw	Good Condition	
Back Window	Good Condition	
Other Glass Condition Notes		
Overall Interior Condition	Status	Comments
Overall Condition	Good	
Other Overall Interior Notes		
Interior Condition	Status	Comments
Drivers Seat	Good Condition	
Passenger Seat	Good Condition	
Rear Seat		
Floor Mat	Good Condition	
Instrument Cluster	Good	
Dash	In Good Condition	
Door Panels	In Good Condition	-Left door pull cup loose Tightened door cup and panel
Electric Door Locks	Excellent Condition	
Electric Windows	Operate Properly	
Other Interior Condition Notes		-Clip that holds left sun visor missing Panel by shifter missing Cruise control decals worn off Doom light missing Replaced dome light Replaced sun visor clip
Air Vents	In Good Condition	
Door Handles	In Good Condition	
Other Interior Notes		
Windshield Wipers	Status	Comments
Wiper Arms	In Good Condition	
Wiper Blades	In Good Condition	-They are worn Replaced with new

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Windshield Wipers	Status	Comments
Washer Tank	In Good Condition	
Washer Control Switch	In Good Condition	
Heating	Status	Comments
Heater Controls	In Good Condition	
Fan Motor	Excellent Condition	
Heater	Heats Appropriately	
Other Heat Notes		
Air Conditioning	Status	Comments
Overall Condition	In Good Operating Condition	
Air Conditioning Controls	In Good Condition	
Electrical System-Chassis	Status	Comments
Interior lights	All Interior Light Operate	
Turn Signals	Operate Normally	
Head Lights	Operate Normally	-Both lens are scratched and fogged over Ok
Alternator	Performs Normally	-New
Guages	All Gauges Perform Properly	
Dash Lights	Dash Lights Perform Normally	
Cab Marker Lights	Marker Lights Perform Normally	-One out left front Replaced bad bulbs
Back-Up Lights	Operate Normally	
Back-Up Alarm	Performs Normally	-Alarm don't work Replaced bad alarm
4-Way Flashers	Performs Normally	
Windshield Wipers	Perform Normally	
Other Electrical System Notes		-There is some old wires going in cab floor behind battery box Removed unused wires and split-loomed the rest
Cruise Control	Operates Normally	
Engine Throttle	Operates Normally (Note Type)	
Drive-Line	Status	Comments
U-Joints	In Good Condition	-Need to lube Gresaed
Rear Differential	In good condition	
Transfer Case		
Other Drive-Line Notes		
Hangar Bearings	In Good Condition	
Brakes	Status	Comments
Air Compressor	In Good Condition	
System Air Leaks		
Applied Brakes	Brake apply normally	
Brake Adjusters		
Air Lines	In Good Condition	-The metal hose that goes on the compressor is to long it hangs down Tied up hanging line
Low Air Pressure Warning	Operates Normally	
Front Brake Drums		

Brakes	Status	Comments
Pusher Axle Brake Drums		
Front Brake Calipers	In Good Condition	
Front Drive Axle Brake Drums		
Front Brake Linings	Replaced with New	-They are way less then 50% Replaced with new
Rear Drive Axle Brake Drums		
Rear Brake Calipers	In Good Condition	-They are rusty Calipers okay
Pusher Axle Brake Linings		
Front Drive Axle Brake Linings	50% or Better	-They are way less then 50% At least 50-60%
Rear Drive Axle Brake Linings		
Emergency Brake	Performs Normally	
ABS Light	Showing Normal (Not on)	-ABS light is on Replaced bad sensor
Brake Pedal Pads	In Good Condition	
Other Brake Notes		-All 4 rotors are rusty Rotors okay
Air Dryer		
Wheels	Status	Comments
Front Axle Rims/Wheels	Wheel In Good Condition	
Pusher Axle Rims/Wheels		
Front Drive Axle Rims/Wheels	Wheel In Good Condition	
Rear Drive Axle Rims/Wheels		
Fronts Axle Nut and Studs	In Good Condition	
Pusher Axle Nut and Studs		
Front Drive Axle Nuts and Studs (2) (2)	In Good Condition	
Rear Drive Axle Nuts and Studs		
Wheel Simulators Front Axle	In Good Condition	-Right side nut cover missing and it has a dent also the left side has a nut cover bent Replaced bad/missing nut covers
Wheel Simulators Pusher Axle		
Wheel Simulators Front Drive Axle	In Good Condition	-There is a nut cover missing Replaced missing nut covers
Wheel Simulators Rear Drive Axle		
Aluminum Wheels Front Axle		
Aluminum Wheels Pusher Axle		
Aluminum Wheels Front Drive Axle		
Aluminum Wheels Rear Drive Axle		
Wheel Hubs	Status	Comments
Front Wheel Seals	In Good Condition	
Front Drive Axle Wheel Bearings	Checked In Good Condition	
Front Wheel Bearings	Checked In Good Condition	-Both fronts seem to roll hard Wheel bearings okay
Pusher Axle Wheel Seals		
Front Drive Axle Wheel Seals	In Good Condition	

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Wheel Hubs	Status	Comments
Oil Filled Hubs Front Drive Axle		
Rear Drive Axle Wheel Seals		
Oil Filled Hubs Front Axle		
Pusher Axle Wheel Bearings		
Oil Filled Hubs Pusher Axle		
Oil Filled Hubs Rear Drive Axle		
Rear Drive Axle Wheel Bearings		
Tires	Status	Comments
Front Axle	Replaced With New	-Left is at wear bars or less right is 25% Replaced tires with new
Pusher Axle		
Front Drive Axle	Replaced With New	-Rear tires are at wear bars or less Replaced tires with new
Rear Drive Axle		
Notes on Tires		
Exhaust System	Status	Comments
Manifold	In Good Condition	
Exhaust Tubing	In Good Condition	-The PTO has a fitting that is rubbing a hole in the exhaust pipe Redid fitting so it isn't rubbing the exhaust
Muffler	In Good Condition	
DPF System		
Emmissions Warning Light		
Exhaust Shield	In Good Condition	
Exhaust Stack		
Exhaust Mounting Bracket	In Good Condition	
Frame	Status	Comments
Integrity of Frame	In good Condition	
Suspension	Status	Comments
Air Bags		
Air Leaks		
Air Lines		
Spring Packs	In Good Condition	
Front Spring Hangars	In Good Condition	
Rear Spring Hangars	In Good Condition	
Radius Arms	In Good Condition	
Rear Suspension Bushings	In Good Condition	
Air Leveling Valve		
Steering and Front Axle	Status	Comments
Steering Pump	Operates Normally	
Steering Lines	In Good Operating Condition	
Steering Sector	In Good Operating Condition	-There is some oil on the sector Checked ok
King Pins/Ball Joints	In Good Condition	
Steering Shaft	In Good Condition	
Pitman Arm	In Good Condition	
Drag Link	In Good Condition	-Drag link has some play Checked and everything is tight

Steering and Front Axle	Status	Comments
Tie Rod	In Good Condition	
Toe in Check	In Tolerance	
4x4 Hubs		
Steering Wheel	Wheel In Good Condition	
Steering Wheel Position	Wheel is Centered When Driven	-It is off Straightened wheel
Fuel System	Status	Comments
Fuel Gauge	Works Normally	
Fuel Tank	In Good Condition	
Fuel Fill	Fills Normally	
Fuel Lines	In Good Condition	
Fuel Filter	Replaced	
Glow Plugs or Exhaust Heater	Status	Comments
Glow Plug Operation	Glow Perform Normally	
Intake Manifold Heater		
Fluids	Status	Comments
Windshield Washer	Full	
Engine Oil	Changed and Full	-Oil is black Changed at 127,821mi.
Radiator Anti-Freeze	Full and Tested to 20 Below	-Need to check also check to -20 Tests to -34
Transmission Fluid	Full	
Transfer Case Oil		
Front Drive Axle	Full	
Rear Drive Axle		
Battery Acid Levels		
Hydraulic Oil	At Proper Level	
Brake Fluid	At Proper Level	
Power Steering Fluid	At Proper Level	
Winch 1 Oil	Filled to Proper Level	
Winch 2 Oil	Filled to Prope Level	
Winch 3 (Above Cab) Oil		
Filters	Status	Comments
Water Filter		
Engine Oil Filter	Replaced	-Need to check air filter Replaced air filter
Transmission Oil Filter	Replaced	
Fuel Filter	Replaced	
Carrier Hydraulic System	Removed and Replaced	
Overall Wrecker Body Condition	Status	Comments
Overall Condition	Good	
Wrecker Body Condition	Status	Comments
Body Sides Condition	Has Minor Scratches and Wear Marks	-The body is in good shape other then a few bad spots where the the paint missing also there is a crack left side

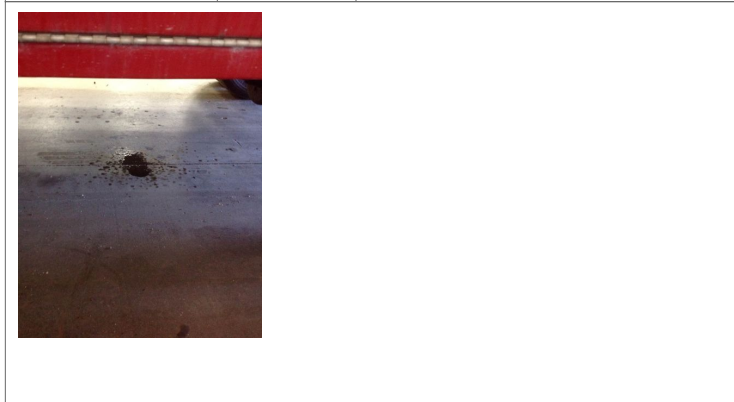
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Wrecker Body Condition	Status	Comments
		
		
		
Body Deck Condition	In Good Condition	
Front of Body Condition	In Good Condition	
Body Side Condition	Surface Rust (See Comments)	
Side Rail Cap Condition (2)	In Good Condition	
Driver Side Tool Box 1 Condition	In Good Condition	-Needs new latch and lock Replaced lock
Passenger Side Tool Box 1 Condition	In Good Condition	
Tunnel Tool Box 1 Condition	In Good Condition	
Tail-Board Condition	In Fair Condition	

Wrecker Body Condition	Status	Comments
		

Power Take-Off	Status	Comments
Operation	Operates Normally	
Oil Leaks	No Oil Leaks	
PTO Warning Light	In Good Operating Condition	
Shifting Mechanism	Electrical Switch Working Properly	
Air Leaks		
Hydraulic Pump	Status	Comments
Oil Leaks	No Oil Leaks	-There is an oil leak rear of pump Replaced clamps on suction hose
Operation	Pump Operates Normally	
Pump Pressure	Tested to 3000#	
Pump Flow	Not Tested	
Controls & Valve	Status	Comments
Oil Leaks	No Oil Leaks	-Valve is leaking oil is dripping Replaced o-rings in valves



Operation	Operates Normally	
Control Levers and Rods	In Good Condition	
Knobs	In Good Condition	-The lettering is faded off the knobs
Hydraulic System Hoses	Status	Comments
Oil Leaks	In Operating Condition	
Hydraulic System Leaks	Status	Comments
Winch Hoses	No Oil Leaks	
Boom Lift Cylinder Hoses	No Oil Leaks	
Boom Extension Cylinder Hoses	No Oil Leaks	
Wheel-Lift Tilt Cylinder Hoses	No Oil Leaks	

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Hydraulic System Leaks	Status	Comments
Wheel-Lift Extend Cylinder Hoses (2)	No Oil Leaks	
Wheel-Lift Up/Down Cylinder Hoses (2)	No Oil Leaks	
Hydraulic Pump Hoses	No Oil Leaks	
Hydraulic Filter	No Oil Leaks	
Bed Lift Cylinders		
Extend Cylinder		
Wheel-Lift Tilt Cylinder	No Oil Leaks	-There is some oil on the ram but no drips Replaced seals in left tilt cylinder.
Wheel-Lift Extend Cylinder	No Oil Leaks	
Wheel-Lift Claw Cylinder Drivers Side		
Wheel-Lift Claw Cylinder Passenger Side		
Cylinder Condition	Status	Comments
Boom Lift Cylinder	Operates Normally	
Boom Extend Cylinder	Operates Normally	
Wheel-Lift Extend Cylinder	Operates Normally	
Wheel-Lift Tilt Cylinder	Operates Normally	
Wheel-Lift Lift Cylinder	Operates Normally	-Has some rust on it Cylinder ok
Wheel-Lift Lift Claw Cylinders		
Pylon	Status	Comments
Overall Condition	In Good Condition	
Winch	Status	Comments
Oil Leaks	No Oil Leaks	
Free-Wheel Mechanism Winch 1	Operates Normally	
Free-Wheel Mechanism Winch 2	Operates Normally	-Right side is rust froze Freed up lever
Free-Wheel Mechanism Winch 3		
Housing Winch 1	In Good Condition	
Housing Winch 2	In Good Condition	
Housing Winch 3		
Operation Without Load	Performs Normally	
Operation Without Load Notes		
Test Operation Loaded		
Test Operation Notes		
Winch 1 Cable	In Good Condition	-Left side needs safety chip Replaced safety clasp
Winch 2 Cable	Replaced With New	-Right side has cable clamps Replaced with new cable
Winch 3 Cable		
Wheel-Lift	Status	Comments
L-Arms/Scoops	In Fair Condition	-Right side is bent open a little Ok
L-Arm Straps	Missing	
L-Arm Storage	In Good Condition	
Driver Side Claw		
Passenger Side Claw		
Driver Side Slide Tray	In Good Condition	-It is home made but looks good
Passenger Side Slide Tray	In Good Condition	-It is home made but looks good
Passenger Side Slide Tray Locks	In Good Condition	

Wheel-Lift	Status	Comments
Driver Side Slide Tray Locks	In Good Condition	
Driver Side Front Stops (Vulcan)		
Passenger Side Front Stops (Vulcan)		
Driver Side L-Arm Swivel		
Passenger Side L-Arm Swivel		
Center Pivot Pin and Bushing	In Excellent Condition	-Center pin is loose Replaced with new
Wheel-Lift Cross-Bar	In Good Condition	
Pins and Bushings	In Good Condition	
Extension Tube	In Good Condition	
Outer Wheel-Lift Assembly	In Good Condition	
Wheel-Lift Swivel Lock Pins		
Wheel-Lift Swive Removeable Lock Pins		
Scoop Locking Pins and Chains		
Driver Side Claw Cylinders		
Main Pivot Pin for Tilting	In Good Condition	-All the wheel lift pins need grease some are trying to break the holding bolt Lubed wrecker
Wrecker Electrical Systems	Status	Comments
Switch Panel	In Good Condition	-One switch don't work Removed switch
Overall Wiring Condition	In Good Condition	
Bed Wiring Harness Condition	In Good Condition	
Junction Boxes Condition	In Excellent Condition	-The lids are missing Replaced junction boxes
Marker Lights	In Good Condition	-One out on each side of tail board also the license plate light don't work Fixed bad lights
Driver Side Turn Signals Upper	In Excellent Condition	
Passenger Side Turn Signals Upper	In Excellent Condition	
Driver Side Turn Signals Upper Lower	In Excellent Condition	
Passenger Side Turn Signals Lower	In Excellent Condition	
Extra Warning Lights		
Extra Clearance Lights		
UpperWork Lights	In Good Condition	-One l6 is out Fixed bad ground
Lower Work Lights	In Good Condition	
Work Lights Mounted Near Winch		
Beacon Light 2		
Beacon Light 3		
Beacon Light 1	In Good Condition	
Tow Light Plug at Tail-Board	In Good Condition	-Need to check New tow light kit
Tool Boxes	Status	Comments
Box Driver Side 1	In Good Condition	

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Tool Boxes	Status	Comments
Box Driver Side 2	In Good Condition	-Door falls open when driving need to check latch also check keys on all doors Lubed latch and replaced lock
Box Passenger Side 1	In Good Condition	
Box Passenger Side 2	In Good Condition	
Fenderettes	Status	Comments
Drivers Side	In Good Condition	
Passenger Side	In Good Condition	
Wrecker Lubrication	Status	Comments
Lift Cylinder Pins	Freshly Greased	-Need to lube everything Lubed wrecker
Tilt Cylinder Pins	Freshly Greased	
Wheel-lift Tilt Pin	Freshly Greased	
Wheel-Lift Cross-Bar Pivot Pin	Freshly Greased	
Upper Wheel-Lift Extension Slide Pads	Freshly Greased	-They look worn out Replaced with new and greased
Lower Wheel-Lift Extension Slide Pads (2)	Freshly Greased	-They look worn out Replaced with new and grease
Wheel-Lift Lift Tower Wear Pads		
Wheel-Lift Arm Pins and Bushings	Freshly Greased	
Tool Box Hinges and Latches	Lubricated	-Need to lube and adj. Lubed
Chains	Status	Comments
Rear Safety Chains	In Good Condition	-They are stuck in there holes Freed up chains
J-Hook Chains		
Tow Sling	Status	Comments
Sling Arms	In Good Operating Condition	
Sling Belts		
Top Lift Bar		
Lower Lift Bar	In Good Condition	-This is a small truck hitch also the chains are missing New chains installed
		
Chassis Lubrication	Status	Comments
King Pins/Ball Joints	Freshly Greased	
Tie-Rod Ends	Freshly Greased	
Drag Link	Freshly Greased	

Chassis Lubrication	Status	Comments
Steering Shaft	Freshly Greased	
Drive-Line U-Joints	Freshly Greased	
Spring Shackles		
Door Locks and Hinges	Lubricated	-Need to lube
Wrecker Mounting System	Status	Comments
Front Bed Mounting Brackets	Brackets and Bolts in Good Condition	
Rear Bed Mounting Brackets (2)	Brackets and Bolts in Good Condition	
Shock Absorbers	Status	Comments
Front Shocks	In Good Condition	
Rear Shocks		