



Zip's Truck Equipment

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New Hampton, Iowa 50659
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Visual Inspection

Page: 1 of 6

Customer: _____

Address: _____

Serial No: J12547

Equipment Type: Light-Duty Tow Truck

Event Performed: Light Duty Wrecker Inspection

Result: Pass

Inspected By: _____

Division: _____

Location: _____

Phone: _____

Reference #: 1FDXF46F0YEB51222

Order #: _____

Inspected On: 01/23/15 9:08 AM CST

Total Score: _____

Comments: _____

Iowa Inspector Shop

Light-Duty Tow Truck-J12547

* Year:	<u>2000</u>	* Wrecker Body/Pylon Color:	<u>White/Black</u>
* Make:	<u>Ford</u>	* Brake Type:	<u>Hydraulic</u>
* Model:	<u>F450SD</u>	* Suspension Type:	<u>Spring</u>
* Fuel Type:	<u>Diesel</u>	* Air Conditioning:	<u>Yes</u>
* Transmission Type:	<u>Automatic</u>	* Radio:	<u>AM/FM/CD</u>
* Odometer Reading:	<u>257,405</u>	* Driver Seat:	<u>Split Cloth High Back w/Center Console w/Vinyl Seat Covers</u>
* GVW:	<u>15,000#</u>	Windows:	<u>Power</u>
* GAWR Front:	<u>6,000#</u>	Door Locks:	<u>Power</u>
* GAWR Rear:	<u>11,000#</u>	Window Deflectors:	<u>Yes</u>
* Cab Trim Package:	<u>XL</u>	Cruise Control:	<u>Yes</u>
* Cab to Axle:	<u>60"</u>	Tilt Steering Wheel:	<u>Yes</u>
* Wheel Base:	<u>141"</u>	Flooring:	<u>Carpet</u>
Wheel Type:	<u>Stainless Steel Wheel Simulators</u>	Floor Mats:	<u>Yes Rubber or Vinyl</u>
* Cab Color ONLY:	<u>White</u>	Bug Shield:	<u>Yes</u>
* Body Make:	<u>Century</u>	Sunvisor:	<u>Yes</u>
* Body Model:	<u>301 Express</u>	* Bumper:	<u>Push Bumper</u>
* Body Serial Number:	<u>301-0437-H99</u>	Grille:	<u>Chrome</u>
Body Width:	<u>86"</u>	Front Tow Hooks:	<u>Yes 2</u>
* Beacon/Lightbar Make:	<u>Whelen</u>	Extra Lights On CAB/Where:	<u>Yes - Flood Lights In Front Of Grille</u>
* Beacon/Lightbar Model:	<u>Phoenix</u>	Jumper Cable Plug/Where:	<u>Yes In Front</u>
PTO Type:	<u>Hot Shift</u>	Jumper Cable:	<u>Yes</u>
Switch Panel & # Of Switches:	<u>In Dash - 6</u>	Running Boards/Nerf Bars:	<u>Yes Running Boards</u>
Remote Controls:	<u>Yes Corded In Cab 4 Button</u>	Mirrors:	<u>Power Swing Out</u>
		Additional Mirrors:	<u>Convex Mirrors</u>

Owner: _____

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Cab Roof Marker Lights:	Yes
Tread Type Rear:	Mud & Snow
* Tire Size-Front:	225/70R19.5
Tire Depth-Front:	12/32"
* Tire Size-Rear:	225/70R19.5
Tire Depth-Rear:	12/32"
Wrecker Body Fenders:	Fiberglass Fenderettes
# of Winches:	1
Winch Brand:	Ramsey
Winch Clutch Release:	Yes
Cable Tensioner:	Yes
Pylon:	Standard Steel
Aluminum Dress Up Inside Pylon:	Yes
Toolbox System:	LH
Dual Controls:	Yes
Rear Safety Chains:	Yes
Light Plug Ins:	Yes CR6
Hook Up Lights:	Yes
* Wheel Lift:	Yes
Wheel Lift Style:	Auto-Grip
# Of Mounted D-Rings/Where:	2 - Mounted On Tailboard
Aluminum Dress Up:	Yes On Tailboard
Straps/Rachets:	Yes
Tow Light System:	Tow Light Kit
Trash Cans/holders/Where:	Yes - 2 Cans On Wrecker Top

Engine Check	Status	Comments
Ability to Start	Starts Normally	
Engine Blow-By Check	Has some Blow-By	
Engine Oil Leaks		-There is oil leaks on top of motor and under it
Engine Noise	Engine sounds are normal	
Engine Warning Lights	No Check Engine Lights are on	
Engine Water Leaks		-The coolers in front of the radiator are leaking water and oil.
Performance	Performs Normally	
Engine Mounts	In Good Condition	
Other Engine Notes		
Engine Brake		
Batteries	Status	Comments
Condition of Cables		-Need to clean
Condition of Batteries	In Good Condition	
Load Testing	Pass	
Cooling System	Status	Comments
Radiator	In Good Condition	

Cooling System	Status	Comments
Fan	In Good Condition	
Fan Clutch	In Good Condition	
Fan Shroud	In Good Condition	
Water Hoses	In Good Condition	
Fan Belt	In Good Condition	
Other Cooling Condition Notes		
Automatic Transmission Check	Status	Comments
Transmission Operation		-End of shifter missing
Other Transmission Notes		-Gear indicator is broke also shift lever is loose
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	
Right Fender		-Has small dent
Left Fender	Good Condition	-Bumper hits fender
Grille	In Good Condition	-It is loose
Back of Cab		-Has some paint chips
Driver Side Door	Good Condition	
Passenger Side Door	Good Condition	
Roof	Good Condition	-Sun visor loose left side
Other Cab Exterior Notes		-Bumper hits left fender
Fuel Tank Appearance	In Good Condition	
Entry Steps	In Good Condition	
Head-Light Doors	In Good Condition	
Battery Box	In Good Condition	
Driver Side Door Hinges		-They are worn
Passenger Side Door Hinges		-They are worn
Glass Condition	Status	Comments
Windshield	Good Condition	
Driver Side Window	Good Condition	
Passenger Side Window	Good Condition	
Back Window	Good Condition	
Other Glass Condition Notes		-Right mirror is loose
Overall Interior Condition	Status	Comments
Overall Condition	Good	
Other Overall Interior Notes		
Interior Condition	Status	Comments
Drivers Seat		-Needs repair
Passenger Seat	Good Condition	

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Interior Condition	Status	Comments
Rear Seat		-Console has some trim missing
Floor Mat	Good Condition	
Instrument Cluster	Good	
Dash	In Good Condition	-Lighter is not in its hole
Door Panels	In Good Condition	-Left panel has reflector missing
Electric Door Locks		-Don't work
Electric Windows	Operate Properly	
Other Interior Condition Notes		
Air Vents	In Good Condition	
Door Handles	In Good Condition	
Other Interior Notes		-Dome lens missing,both door rubbers torn,right door rubber that is on the cab is falling off,the shifter handle is loose
Windshield Wipers	Status	Comments
Wiper Arms	In Good Condition	
Wiper Blades	In Good Condition	
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		-Don't work
Air Conditioning Controls	In Good Condition	
Electrical System-Chassis	Status	Comments
Interior lights	All Interior Light Operate	-Dome light don't work
Turn Signals	Operate Normally	-Turn signals blink to fast
Head Lights	Operate Normally	
Alternator	Performs Normally	
Gauges	All Gauges Perform Properly	
Dash Lights	Dash Lights Perform Normally	
Cab Marker Lights	Marker Lights Perform Normally	
Back-Up Lights	Operate Normally	
Back-Up Alarm		-Don't work
4-Way Flashers	Performs Normally	
Windshield Wipers	Perform Normally	
Other Electrical System Notes		-Mirror switch don't work, door locks don't work Wig Wag head lights don't work also there is some strobes in the head lights that don't work
Cruise Control		-Don't work
Engine Throttle		-Don't work
Drive-Line	Status	Comments
U-Joints	In Good Condition	
Rear Differential		-It is leaking

Drive-Line	Status	Comments
Transfer Case		
Other Drive-Line Notes		
Hangar Bearings	In Good Condition	
Brakes	Status	Comments
Air Compressor		
System Air Leaks		
Applied Brakes		
Brake Adjusters		
Air Lines		
Low Air Pressure Warning		
Front Brake Drums		
Pusher Axle Brake Drums		
Front Brake Calipers	In Good Condition	
Front Drive Axle Brake Drums		
Front Brake Linings		-They are less then 30%
Rear Drive Axle Brake Drums		
Rear Brake Calipers	In Good Condition	
Pusher Axle Brake Linings		
Front Drive Axle Brake Linings		-They are less then 30%
Rear Drive Axle Brake Linings		
Emergency Brake		-Don't hold
ABS Light	Showing Normal (Not on)	
Brake Pedal Pads	In Good Condition	
Other Brake Notes		
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		-Left one is dented right has a nut cover missing
Wheel Simulators Pusher Axle		
Wheel Simulators Front Drive Axle	In Good Condition	
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	Not Adjusted but No Issue Visible	
Front Wheel Bearings	Checked In Good Condition	-Right side turns hard could be the brake
Pusher Axle Wheel Seals		

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Wheel Hubs	Status	Comments
Front Drive Axle Wheel Seals	In Good Condition	
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	Tread is less than 50%	
Pusher Axle		
Front Drive Axle	In Fair Condition 50% or Better	
Rear Drive Axle		
Notes on Tires		
Exhaust System	Status	Comments
Manifold	In Good Condition	
Exhaust Tubing	In Good Condition	
Muffler	In Good Condition	
DPF System		
Emmissions Warning Light		
Exhaust Shield		
Exhaust Stack		
Exhaust Mounting Bracket		-There is a clamp broke ahead of muffler also tail pipe holder is broke
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		-On the front axle right rear side the holding bolt is missing.
Rear Spring Hangars	In Good Condition	
Radius Arms		
Rear Suspension Bushings		-This truck makes a lot of knocking noise when driving
Air Leveling Valve		
Steering and Front Axle	Status	Comments
Steering Pump	Has Oil Leak	
Steering Lines		-There might be a leak there
Steering Sector		-It might be leaking there is oil all over
King Pins/Ball Joints	In Good Condition	
Steering Shaft	In Good Condition	
Pitman Arm	In Good Condition	
Drag Link	In Good Condition	
Tie Rod		-When turning all the way to the right the tie rod hits a BKT.
Toe in Check	Not Checked	
4x4 Hubs		
Steering Wheel	Wheel In Good Condition	

Steering and Front Axle	Status	Comments
Steering Wheel Position		
Fuel System	Status	Comments
Fuel Gauge	Works Normally	
Fuel Tank	In Good Condition	
Fuel Fill	Fills Normally	
Fuel Lines	In Good Condition	
Fuel Filter	Not Replaced	
Glow Plugs or Exhaust Heater	Status	Comments
Glow Plug Operation	Glow Perform Normally	
Intake Manifold Heater		
Fluids	Status	Comments
Windshield Washer		-Need to check
Engine Oil		-Need to check
Radiator Anti-Freeze		-Need to check also check to -20
Transmission Fluid		-Need to check
Transfer Case Oil		
Front Drive Axle		-Need to check
Rear Drive Axle		
Battery Acid Levels	Not Checked	
Hydraulic Oil		-Need to check
Brake Fluid		-Need to check
Power Steering Fluid		-Need to check
Winch 1 Oil		-Need to check
Winch 2 Oil		
Winch 3 (Above Cab) Oil		
Filters	Status	Comments
Water Filter	Original (Not replaced)	
Engine Oil Filter	Original (Not replaced)	
Transmission Oil Filter	Original (Not replaced)	
Fuel Filter	Original (Not replaced)	
Carrier Hydraulic System	Not Changed	
Overall Wrecker Body Condition	Status	Comments
Overall Condition	Good	
Wrecker Body Condition	Status	Comments
Body Sides Condition		-Both sides have a lot of big paint chips and rust spots
Body Deck Condition		-It has rust spots and it is getting close to having rust holes
Front of Body Condition		-Has some big rust spots
Body Side Condition		
Side Rail Cap Condition (2)		-Has a lot of rust spots and paint chips both sides
Driver Side Tool Box 1 Condition		
Passenger Side Tool Box 1 Condition		
Tunnel Tool Box 1 Condition		
Tail-Board Condition	In Good Condition	
Power Take-Off	Status	Comments
Operation	Operates Normally	-Belts squeak
Oil Leaks	No Oil Leaks	

Owner: _____

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Power Take-Off	Status	Comments
PTO Warning Light	In Good Operating Condition	
Shifting Mechanism	Electrical Switch Working Properly	
Air Leaks		
Hydraulic Pump	Status	Comments
Oil Leaks	No Oil Leaks	
Operation	Pump Operates Normally	
Pump Pressure		-Need to check
Pump Flow	Not Tested	
Controls & Valve	Status	Comments
Oil Leaks		-Right valve has an oil leak
Operation		-Controls are worn and loose also the corded remote don't work on claw open
Control Levers and Rods	Loose and Worn Pins and Rod Connections	
Knobs	In Good Condition	
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	
Wheel-Lift Extend Cylinder Hoses (2)	No Oil Leaks	-These hoses don't leak but they are cracked
Wheel-Lift Up/Down Cylinder Hoses (2)		
Hydraulic Pump Hoses	No Oil Leaks	
Hydraulic Filter	No Oil Leaks	
Bed Lift Cylinders		
Extend Cylinder		
Wheel-Lift Tilt Cylinder		-Has some oil there no dripping
Wheel-Lift Extend Cylinder	No Oil Leaks	
Wheel-Lift Claw Cylinder Drivers Side	Operates Normally No Oil Leaks	
Wheel-Lift Claw Cylinder Passenger Side	Operates Normally No Oil Leaks	
Cylinder Condition	Status	Comments
Boom Lift Cylinder	Operates Normally	
Boom Extend Cylinder		
Wheel-Lift Extend Cylinder	Operates Normally	
Wheel-Lift Tilt Cylinder	Minor Leaks Around Cylinder Shaft	
Wheel-Lift Lift Cylinder		
Wheel-Lift Lift Claw Cylinders	Operates Normally	
Pylon	Status	Comments
Overall Condition	In Good Condition with Minor Scratches/Dents	
Winch	Status	Comments
Oil Leaks	No Oil Leaks	
Free-Wheel Mechanism Winch 1		-Pulls hard and don't turn

Winch	Status	Comments
Free-Wheel Mechanism Winch 2		
Free-Wheel Mechanism Winch 3		
Housing Winch 1	In Good Condition	
Housing Winch 2		
Housing Winch 3		
Operation Without Load	Performs Normally	
Operation Without Load Notes		
Test Operation Loaded		
Test Operation Notes		
Winch 1 Cable		-Thimble is missing and the safety clip is broke
Winch 2 Cable		
Winch 3 Cable		
Wheel-Lift	Status	Comments
L-Arms/Scoops		
L-Arm Straps		
L-Arm Storage		
Driver Side Claw	In Good Condition	
Passenger Side Claw	In Good Condition	-Pin holding bolt missing
Driver Side Slide Tray		
Passenger Side Slide Tray		
Passenger Side Slide Tray Locks		
Driver Side Slide Tray Locks		
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 Good Condition	
Wheel-Lift Cross-Bar	In Good Condition	
Pins and Bushings	In Good Condition	
Extension Tube		-The bottom of the extension tube has been collapsed and welded wrong, also some of the weld is broke.
Outer Wheel-Lift Assembly	In Good Condition	-Steel wear pads on the bottom are worn, the hose retractor doesn't pull the hose tight when in all the way.
Wheel-Lift Swivel Lock Pins		
Wheel-Lift Swive Removeable Lock Pins		
Scoop Locking Pins and Chains		
Driver Side Claw Cylinders	In Good Condition	
Main Pivot Pin for Tilting		-This pin is worn and loose
Wrecker Electrical Systems	Status	Comments
Switch Panel	In Good Condition	-It is loose
Overall Wiring Condition	In Good Condition	
Bed Wiring Harness Condition		
Junction Boxes Condition		
Marker Lights	In Good Condition	
Driver Side Turn Signals Upper	In Good Condition	
Passenger Side Turn Signals Upper	In Good Condition	
Driver Side Turn Signals Upper Lower	In Good Condition	
Passenger Side Turn Signals Lower	In Good Condition	

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Wrecker Electrical Systems	Status	Comments
Extra Warning Lights		
Extra Clearance Lights		
UpperWork Lights	In Good Condition	
Lower Work Lights		-Don't work
Work Lights Mounted Near Winch		
Beacon Light 2		
Beacon Light 3		
Beacon Light 1	In Good Condition	-It is loose on the pylon
Tow Light Plug at Tail-Board	In Good Condition	
Tool Boxes	Status	Comments
Box Driver Side 1		-Door hinge is loose,lock is missing, need to adj. latch
Box Driver Side 2		
Box Passenger Side 1		
Box Passenger Side 2		
Fenderettes	Status	Comments
Drivers Side	In Good Condition	
Passenger Side	In Good Condition	
Wrecker Lubrication	Status	Comments
Lift Cylinder Pins		-Need to grease
Tilt Cylinder Pins		-Need to grease
Wheel-lift Tilt Pin		-Need to grease
Wheel-Lift Cross-Bar Pivot Pin		-Need to grease
Upper Wheel-Lift Extension Slide Pads		-They are missing
Lower Wheel-Lift Extension Slide Pads (2)		-They are missing
Wheel-Lift Lift Tower Wear Pads		
Wheel-Lift Arm Pins and Bushings		-Need to grease
Tool Box Hinges and Latches		-Need to lube
Chains	Status	Comments
Rear Safety Chains		-Missing safety clips
J-Hook Chains		
Tow Sling	Status	Comments
Sling Arms		
Sling Belts		
Top Lift Bar		
Lower Lift Bar		
Chassis Lubrication	Status	Comments
King Pins/Ball Joints		-Need to grease
Tie-Rod Ends		-Need to grease
Drag Link		-Need to grease
Steering Shaft		-Need to grease
Drive-Line U-Joints		-Need to grease
Spring Shackles		
Door Locks and Hinges		-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

Shock Absorbers	Status	Comments
Front Shocks	In Good Condition	
Rear Shocks	In Good Condition	