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Item #14787186 - 2017 Skyjack SJ85AJ 4WD Diesel Articulating Boom Lift



Item Details:

- Features: 85 ft Max Platform Height, 750 lb Max Weight Capacity, Jib, Power to Platform, 2017 US EPA Label, Deutz TD2.9L4 4 Cylinder 74 hp 2.92 L Diesel Engine, 18-625 Foam-Filled Tires
- Meter Reading: 2,258 Hours
- Serial # : 95400055
- Inspection Completed: 3/24/26

Shipping Details:





- Location Missouri (Kansas City, MO-KS area)
- Loading Dock Available: No
- Pickup Hours: null-null
- You will need a copy of your IronPlanet Item Release to pick the item up. Please call one day in advance to schedule pickup.







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Inspection Report


Note: This condition inspection report is the result of an impartial, systematic, documented process focused on the establishment of the general, overall mechanical condition of a piece of equipment, or of a vehicle, at a specific time. The purpose of the inspection is to establish the "as is" operational capability of the machine. It is not a performance or load test on the item.





Inspection Ratings Key	
★★★★	Limited use or recently replaced. Free of visible wear or defects.
★★★☆☆	Performs within the tolerances expected for age and type of item
★★☆☆☆	Although performing, shows indication of needing repair or replacement
★☆☆☆☆	Needs immediate repair/replacement. Requires work if it is to perform as expected






General Appearance		
Item	Assessment	Photo
Picture, Left Front Corner		
Picture, Left Rear Corner		
Picture, Right Rear Corner		
Picture, Right Front Corner		





Serial Number / VIN	95400055	
CE Mark	No CE mark found	
Hour Meter / Odometer	2258 hrs	
Paint	No visible damage	
Body Panels	Hydraulic compartment door damaged, Metal damage on front and rear covers.	
Basket / Safety Railing	Left railing bent, Right railing bent	
General Appearance #1		
General Appearance #2		


General Appearance #3		
General Appearance #4		
General Appearance #5		







Safety		
Item	Assessment	Photo
Travel Alarm	Inoperable	
Horn	Operational	
Swing Brake	Operational	
Current Safety Manual	No	
Current Operator/Maintenance Manual	No	
ANSI Guidelines	No	
Safety #1		







Control Station Ground		
Item	Assessment	Photo
Function Controls	★★★☆☆	
Oil Pressure	Warning light inoperable	
Warning Lights	Operational	
Limited Function Check	The main components are in place and operational as noted.	
Control Station Ground # 1		







Control Station		
Pin connection pivot point wear inspections are limited to sound, sight and feel observations. Dial indicator testing is not performed.		
Item	Assessment	Photo
Control Console	No visible damage or missing components	
Emergency Shut Off Switch	Operational	
Safety Control Hand/Foot Switch	★★★★☆ Operational	
Function Controls	★★★★☆	
Limited Function Check	The main components are in place and operational as noted.	
Control Station #1		

Engine		
Item	Assessment	Photo
Emissions Status	2017 US EPA Label	
Emission Label		
Blow-by (subjective visual observation)	Recirculating system	
Starter	Operational	
Fuel System	Operational	
Exhaust System	No visible damage or missing components	
Radiator	★★★★☆	
Oil Leaks	No dripping leaks	
Fuel Leaks	No dripping leaks	
Cooling System Leaks	No dripping leaks	
Engine - Left Side		

Engine - Right Side		
Limited Function Check	The engine started and ran.	







Drivetrain		
Operational test is limited to low speed in a confined flat area without load. Differential interlocks, full transmission shifting and functionality of all drive axles cannot be fully verified. Inspector listens for abnormal noises, observes leaks and notes physical damage.		
Item	Assessment	Photo
Left Front Final Drive	★ ★ ★ ☆	
Left Rear Final Drive	★ ★ ★ ☆	
Right Rear Final Drive	★ ★ ★ ☆	
Right Front Final Drive	★ ★ ★ ☆	
Limited Function Check	The drivetrain was operational.	
Drivetrain #1		
Drivetrain #2		







<h2>Hydraulics</h2>		
See photos for condition		
Item	Assessment	Photo
Pumps (Hydraulics)	★ ★ ★ ☆	
Valves	★ ★ ★ ☆	
Hydraulic Tank	★ ★ ★ ☆	
Hoses (Hydraulic)	★ ★ ★ ☆	
Steering Cylinders	★ ★ ★ ☆	
Boom Lift Cylinder	★ ★ ★ ☆	








<p>Secondary Boom Cylinder</p>	<p>★★★★☆</p>	
<p>Boom Extension Cylinder</p>	<p>★★★★☆</p>	
<p>Jib Cylinder</p>	<p>★★★★☆</p>	
<p>Basket Tilt Cylinder</p>	<p>★★★★☆</p>	
<p>Basket Rotator Motor</p>	<p>★★★★☆</p>	
<p>Frame Leveling Cylinders</p>	<p>★★★★☆</p>	
<p>Limited Function Check</p>	<p>The hydraulic system was operational.</p>	
<p>Hydraulics #1</p>		




Hydraulics #2



Chassis		
IronPlanet pin connection pivot point wear inspections are limited to sound, sight and feel observations. Dial indicator testing is not performed.		
Item	Assessment	Photo
Steering Linkage	★★★☆☆	
Frame Condition	★★★☆☆	
Brake System	★★★☆☆ The brake system functioned, stopping and holding the machine.	
Left Front Tire	Cracks, Chunks missing	
Left Rear Tire	Cracks, Chunks missing	
Right Rear Tire	Cracks, Chunks missing	

Right Front Tire	Cracks, Chunks missing	
Wheel Condition	No visible damage or missing components	
Turntable Bearing	★★★★☆	
Bottom Covers		
Swing Motor	★★★★☆	
Hydraulic Center Swivel	★★★★☆	
Boom Condition	★★★★☆	

Left Side of Boom		
Right Side of Boom		
Boom Wear Guides	★★★★☆	
Jib Condition	★★★★☆	
Cable Tray Ladder		
Work Basket		
Chassis #1		

Chassis #2		
Chassis #3		
Chassis #4		

Undercarriage

Undercarriage components photos (links, bushings, sprockets, idlers, rollers, grousers) are selected as representative. Bidders are encouraged to review photos using the zoom feature to judge condition in detail.

Item	Assessment	Photo
Undercarriage #1		 A close-up photograph of a worn, dark-colored metal component, likely a track or roller from a piece of heavy machinery. The component is heavily scratched and shows signs of significant use and damage. It is surrounded by a layer of light-colored gravel or crushed stone. In the bottom right corner of the photo, there is a small logo that reads "IRON PLANET".

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