

OPERATING MANUAL (ANSI/CSA)

ROUGH TERRAIN SCISSORS

MODELS SJ6826 RT SJ6832 RT

194418AHA December 2025

SKYJACK

MidWestTech | Skyjack SJ6826 RT, SJ6832 RT Rough Terrain Scissor Lift Operating Manua... Order the manual at mid-west-tech.com >

Table of Contents

Section 1 - About Your Aerial Platform 5
Read and Heed 5
Safety Rules 6

Section 2 - Familiarization 13
2.1 Familiarization of SJ68RT Series 13
2.2 Component Identification 14
2.3 Visual & Daily Maintenance Inspections 18
2.4 Function Tests 27
2.5 Winching and Towing Procedure 37
2.6 Emergency Lowering Procedure 38

Section 3 - Operation 39
3.1 General 39
3.2 Major Components 40
3.3 Major Assemblies 41
3.4 Serial Number Nameplate 41
3.5 Component Identification 42
3.6 Component Identification (Optional Equipment/Attachments) 44
3.7 Operator's Responsibility 46
3.8 Start Operation 47
3.9 Refueling Procedure 54
3.10 Guardrail Folding Procedure 56
3.11 Loading/Unloading 58
3.12 Moving the Aerial Platform Through a Doorway 60
3.13 Maintenance Support Procedure 62

Section 4 - Tables 63
Table 4.1 Standard and Optional Features 63
Table 4.2 Specifications and Features 64
Table 4.3 Owner's Annual Inspection Record 65
Table 4.4 Maximum Platform Capacities (Evenly Distributed) 66
Table 4.5 Floor Loading Pressure 67
Table 4.6 Maintenance and Inspection Schedule 69
Table 4.7 Operator's Checklist 70

Section 5 - Labels 71

Section 6 - Skyjack Features 90

MidWestTech | Skyjack SJ6826 RT, SJ6832 RT Rough Terrain Scissor Lift Operating Manua... Order the manual at mid-west-tech.com >

3.8-3 To Activate Platform Control Console

1. Turn emergency main power disconnect switch to "|"on position.
2. On the base control console, pull out the "●" emergency stop button.
3. For dual fuel engines, select fuel supply by moving fuel switch to either "⛽" gasoline or "🛢" liquid propane gas position.
4. Insert key into platform/engine/base key switch and turn it to "🔑" enable platform controls.

⚠ WARNING

Ensure that you maintain three points of contact when using the ladder to mount/ dismount platform.

5. Use the ladder of aerial platform to access platform.
6. Close the gate.
7. On platform control console, pull out "●" emergency stop button.
8. Turn the low/high throttle switch to "🐢" low throttle position.
9. For cold dual fuel engines, select and hold "|↘|" choke switch. For cold diesel engines, select and hold "≋" glow plug switch for 15 to 20 seconds.

⚠ CAUTION

Do not start the engine in the high throttle position.

10. Select and hold "🔑" engine start switch until engine starts, then release. Do not overcrank starter. Release "|↘|" choke switch after engine starts (dual fuel).

3.8-4 To Raise or Lower Platform Using Platform Control Console

⚠ WARNING

Be aware of overhead obstructions or other possible hazards around the aerial platform when lifting.

⚠ WARNING

Do not lower the platform unless the area below is clear of personnel and obstructions.

1. Activate platform control console (refer to Section 3.8-3).
2. On platform control console, select lift/drive switch to "↑↓" lift position.
3. Activate and hold "●" enable trigger switch.
4. Move controller handle forward "↑" to raise or backward "↓" to lower the platform, until desired height is reached.

NOTE

Lowering is not proportional.

5. Return controller to neutral center position to stop. Release enable trigger switch.

⚠ WARNING

To protect against unintended movement of the aerial platform, push in the emergency stop button after you have arrived at your desired location or elevation.

NOTE

If the tilt alarm sounds and the platform does not, or only partially raises, immediately lower the platform completely and ensure that the aerial platform is on a firm, level surface.

MidWestTech | Skyjack SJ6826 RT, SJ6832 RT Rough Terrain Scissor Lift Operating Manua... Order the manual at mid-west-tech.com >

Table 4.4 Maximum Platform Capacities (Evenly Distributed)

MODEL		Total Machine Weight			Extension			Maximum Wind Speed	Tilt Cutout Setting (Degrees)
		Capacity		Number of Occupants	Capacity		Number of Occupants		
6826	One Extension Platform	1250 lb.	567 kg	4	300 lb.	136 kg	1	12.5 m/s	2.5 x 4.5
6832	One Extension Platform	1000 lb.	453.6 kg	4	300 lb.	136 kg	1	12.5 m/s	2.5 x 4.5

RTC T4.4AB - 1000490P

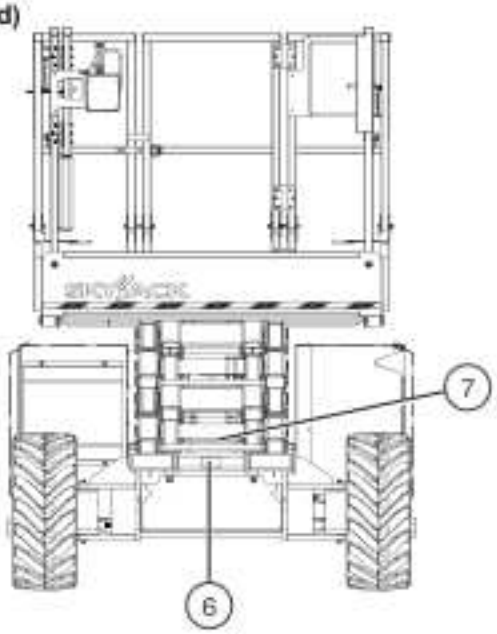
NOTE:

Occupants and materials are not to exceed rated load.
Refer to capacity label for additional information and for models equipped with options.

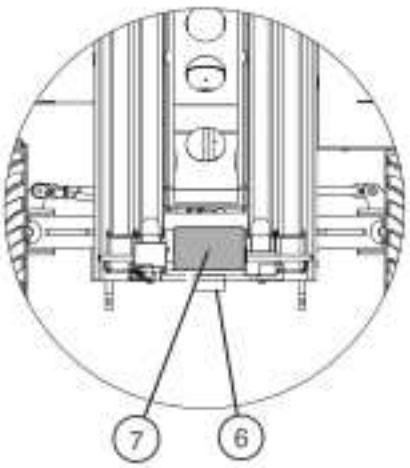
MidWestTech | Skyjack SJ6826 RT, SJ6832 RT Rough Terrain Scissor Lift Operating Manua... Order the manual at mid-west-tech.com >

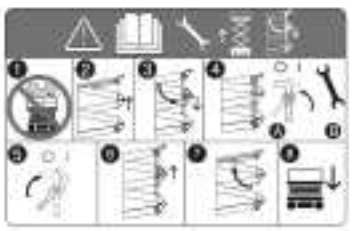
Labels - Models 6826 & 6832

Front Side (Continued)



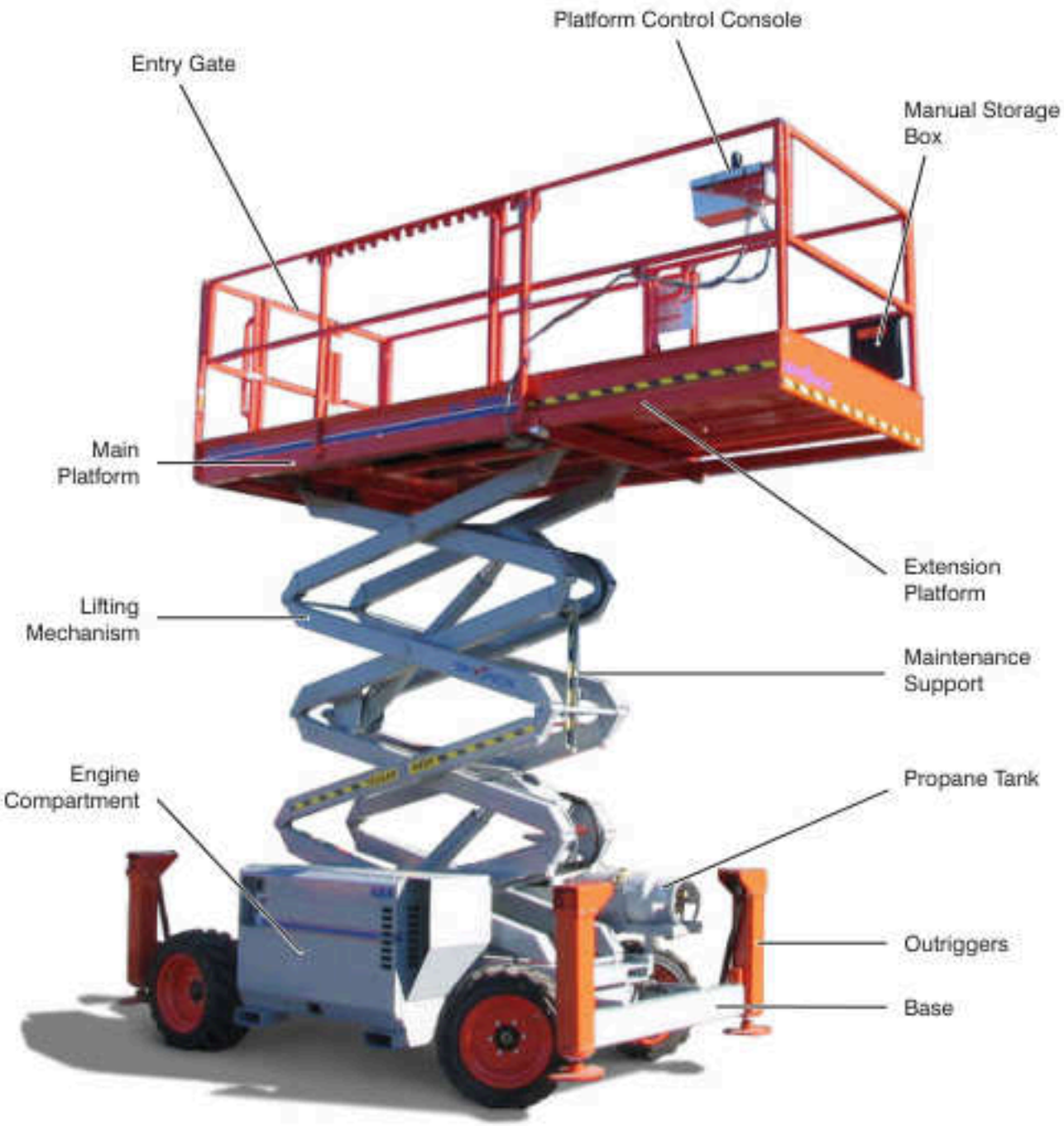
Top View



No.	Label Pictorial	Description
6	 	**Lift and Tie Down Points** Only use these points for lifting or tying down.
7		**How to engage maintenance support for inspection or maintenance.** Refer to Operating manual. 1. Remove all material from platform. 2. Raise platform until there is adequate clearance to swing down maintenance support. 3. Swing maintenance support down from storage bracket into a vertical position. Lower platform until the bottom end of maintenance support rests on the lower cross bar. 4. Maintenance support is now secured. (A) Turn main power disconnect switch to off position. (B) Perform inspection/maintenance. 5. Turn main power disconnect switch to on position. 6. Raise platform until there is adequate clearance to swing up maintenance support. 7. Swing maintenance support up and place into storage bracket. 8. Ensure platform is fully lowered.

MidWestTech | Skyjack SJ6826 RT, SJ6832 RT Rough Terrain Scissor Lift Operating Manua... Order the manual at mid-west-tech.com >

3.2 Major Components



SKYJACK Model SJ 6826RT Aerial Platform

MidWestTech | Skyjack SJ6826 RT, SJ6832 RT Rough Terrain Scissor Lift Operating Manua... Order the manual at mid-west-tech.com >

Table 4.1 Standard and Optional Features

MODEL	Compact RT's	
	6826	6832
STANDARD EQUIPMENT		
Platform controls	•	•
Base controls	•	•
Four-wheel drive	•	•
23.1 kW (31 hp) Kubota DF972 dual fuel - gasoline/propane engine	•	•
Easy operation 60" roll out extension	•	•
Swing out engine tray	•	•
Multiple wet disc – Spring applied hydraulic release brakes	•	•
Manual brake release	•	•
110V AC outlet on platform	•	•
Tilt alarm with drive/lift cutout	•	•
Fall protection anchorage(s)	•	•
Hinged railing system	•	•
Operator horn	•	•
Spring loaded full height gate at rear	•	•
Forklift pockets, tie down/lifting lugs	•	•
Foam filled low profile grip lug tires	•	•
Hourmeter	•	•
Color coded and numbered wiring system	•	•
Hydraulic oil level indicators	•	•
OPTIONAL EQUIPMENT		
Flashing light	•	•
18.5 kW (24.8 hp) Kubota D902 diesel water-cooled engine	•	•
Diesel scrubber	•	•
All motion audible alarm	•	•
Shop air line to platform	•	•
800 Watt AC inverter	•	•
Work lights	•	•
Independent leveling hydraulic outriggers	•	•
Extra propane tank	•	•
Positive Air Shutoff	•	•

60436AF-ANSI

MidWestTech | Skyjack SJ6826 RT, SJ6832 RT Rough Terrain Scissor Lift Operating Manua... Order the manual at mid-west-tech.com >