SR160B
SR175B
SR210B
SR240B
SV185B
SV280B
Tier 4B (final)

B Series Skid Steer Loader

PIN NJM453496 and after

TR270B
TR310B
TV370B
Tier 4B (final)

B Series Compact Track Loader

PIN NJM453496 and after

Part number 90416895
2nd edition English
February 2021
Replaces part number 51522636

CE

CASE CONSTRUCTION

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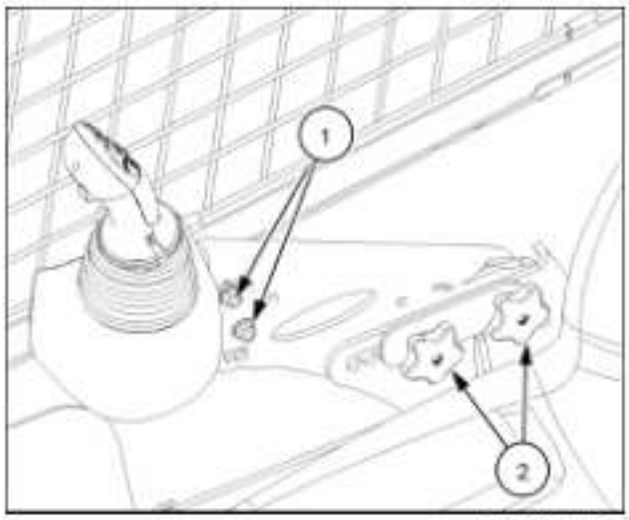
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Electro-hydraulic control handle adjustment

The control levers can be adjusted for operator comfort.

1. Adjust the height of the control lever by loosening two nuts **(1)** and moving the control lever assembly into one of the three notches provided in the mounting bracket. Tighten the two nuts **(1)**.
2. Adjust the forward and rearward position of the control lever by loosening two hand knobs **(2)** and sliding the control lever assembly to the desired position. Tighten the hand knobs **(2)**.



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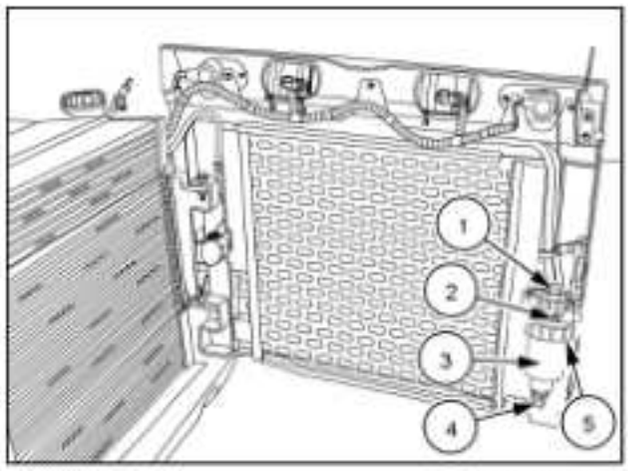
3. Open engine hood and rear service door. Engage the rear service door latch located near the lower hinge. The fuel-water separator filter is on the inside of the rear service door.
4. Place a clean suitable container underneath the fuel-water separator filter.
5. Clean the area around the fuel-water separator filter **(3)** with water before proceeding.
6. Disconnect the electrical connection **(4)** on the bottom of the fuel-water separator filter.
7. Unscrew the black retaining ring **(5)**.
8. Pull the filter **(3)** straight down. Do not twist or turn the filter, as it is not threaded.
9. Wipe filter head with a clean cloth.
10. Apply a thin film of clean motor oil to the gasket.
11. Push the new filter up to the filter head.
12. Hand tighten the retaining ring until it clicks.

NOTICE: *DO NOT use a strap wrench to tighten the pre-filter.*

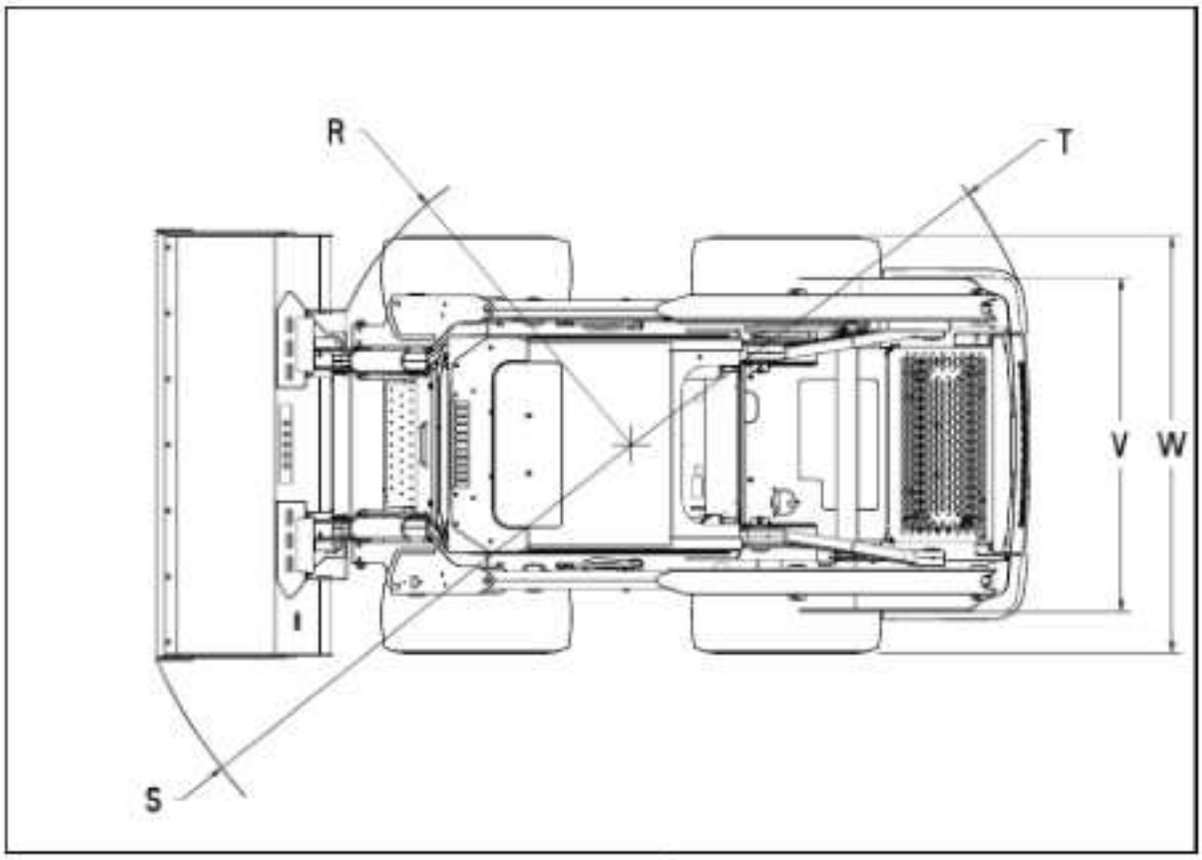
13. Replace water-in-fuel sensor and attach the electrical connector **(4)** on the bottom of the fuel-water separator filter.
14. Turn the bleed screw **(2)** out approximately one turn and pump the hand pump **(1)** on top of the pre-filter until fuel is coming out of the bleed screw **(2)**; then immediately close the bleed screw **(2)** while fuel is coming out.

NOTICE: *Do not start the engine until you purge the air from the fuel system.*

15. Start the engine.
16. Inspect the area around the fuel-water separator filter for leaks.
17. Unlatch and close the rear service door and close the engine hood.



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RAIL14SSLD132FA S

MEDIUM RADIAL FRAME WHEEL UNITS (SR210B)

ITEM	COMPONENT	MEASUREMENT
R	Clearance circle radius without tool	**1311.0 mm (51.6 in)**
S	Clearance circle radius with **1828.8 mm (72.0 in)** DF bucket	**2034.0 mm (80.1 in)**
S	Clearance circle radius with **1828.8 mm (72.0 in)** LP bucket	**2127.0 mm (83.7 in)**
S	Clearance circle radius with **1828.8 mm (72.0 in)** LPE bucket	**2243.0 mm (88.3 in)**
T	Clearance circle radius rear	**1599.0 mm (63.0 in)**
V	Over the tire width	**1448.0 mm (57.0 in)**
W	Overall width	**1755.0 mm (69.1 in)**
Operating weight		**3300 kg (7275 lb)**
SAE Rated Operating Capacity (ROC)		**905 kg (1995 lb)**
Tipping load		**1814 kg (3999 lb)**
Counter weight (optional)		**63.8 kg (140.7 lb)**
Cab side glass (optional)		**21.3 kg (47.0 lb)**
Cab glass door (optional)		**34.0 kg (75.0 lb)**
Cab Lexan door (optional)		**34.0 kg (75.0 lb)**
Suspension seat (optional)		**10.0 kg (22.0 lb)**

NOTE: *Measurements are based on machines with 12 x 16.5 tires and a* ***1829 mm (72 in)*** *Dirt & Foundry (DF) bucket.*

NOTE: *Clearance Circle Radius (R, S, T) values were calculated using a 50/50 weight distribution (center point of counter rotation centered between the axles) and with the bucket resting flat on ground.*

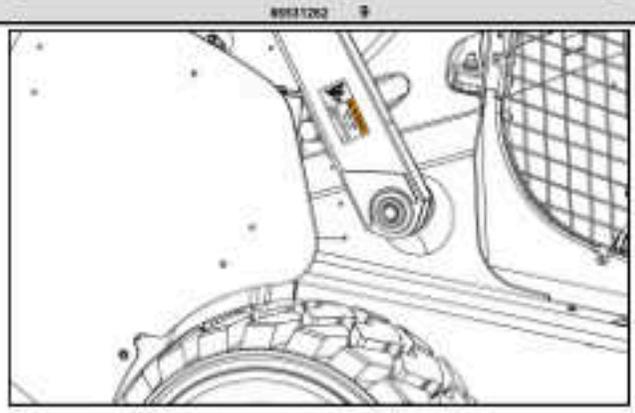
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WARNING
PINCH AREA
Keep away. Failure to comply could result in death or serious injury.



86531262 9

Quantity: 2
Pictorial: 86531262
Location:
On the right-hand side of the boom where it rests against the lift arm support pin. Also on the left-hand side of the boom.



RAIL175SL005HBA 10

NOTE: *Read and understand the "Loader arm lock and cab tilt procedure - vertical lift machines" page* ***2-21*** *in this manual.*

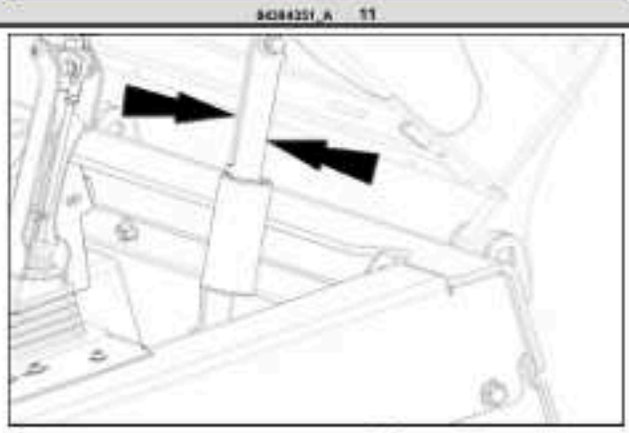
NOTE: *Only applicable to models SV185B, SV280B, and TV370B.*

WARNING
PINCH HAZARD
Keep clear.
Failure to comply could result in death or serious injury.



84394351_A 11

Quantity: 2
Pictorial: 84394351
Location:
On each side of the upper link on the Roll Over Protective Structure (ROPS) lock mechanism.



RAIL195SL030AA 12

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