SR270B
SV340B
Tier 4B (final)
B Series Skid Steer Loader

PIN NJM453496 and after

TR340B
TV450B
Tier 4B (final)
B Series Compact Track Loader

PIN NJM453496 and after

CE

Part number 91788719
3rd edition English
February 2022
Replaces part number 90416908

CASE CONSTRUCTION

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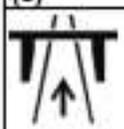
LEFT-HAND COLUMN SWITCH IDENTIFICATION

Left-hand column switch identification

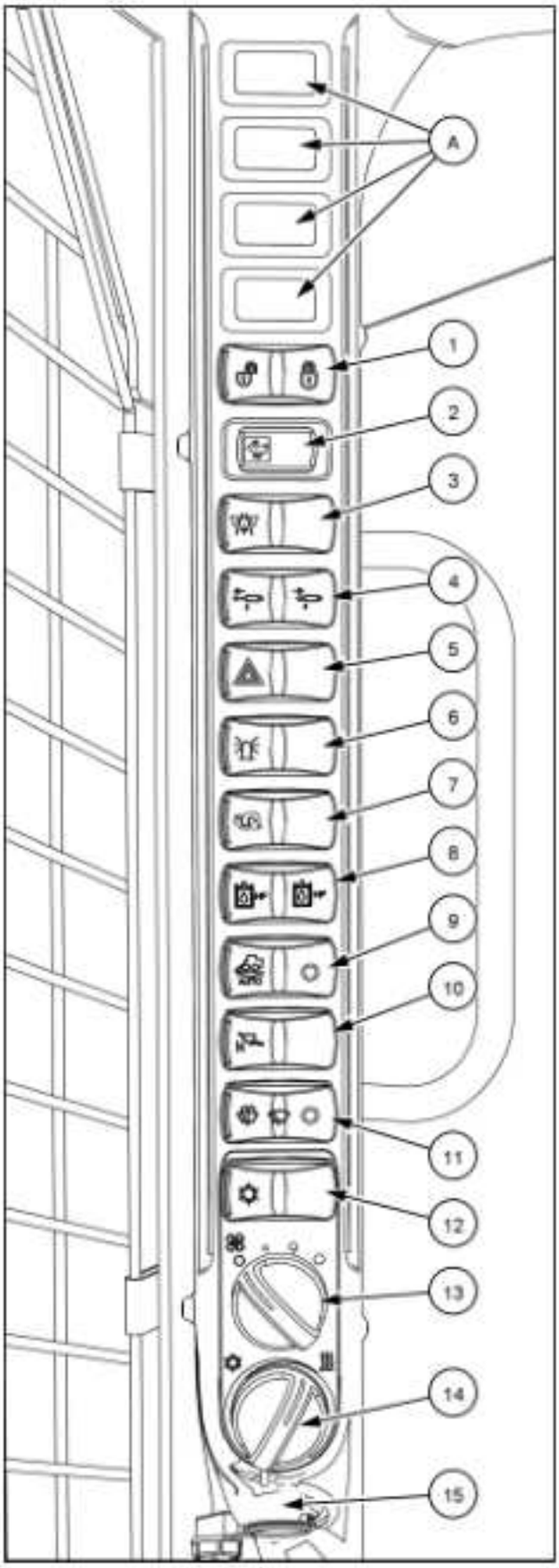
(A)	Blanks

(1)	Hydraulic attachment coupler switch
	Push the unlock side of this switch to unlock the coupler from the attachment. This switch must be used in conjunction with hydraulic pressure from the loader arm down, attachment curl in or auxiliary. To Lock: with the coupler properly inserted in the attachment, apply hydraulic pressure from the loader arm down, attachment curl in or auxiliary making sure that the hydraulic system goes over system relief to set lock pins.

(2)	Two-speed indicator
	Indicates the two-speed system is in use.

(3)	Loader lockout switch
	If equipped, push to disable loader control while roading the unit. The bucket and loader arm will be locked in the position they are in when the loader lockout switch is pressed to the ON position. This prevents the operator from inadvertently lowering or raising the loader arm or bucket while driving the machine on roads.

(4)	Auxiliary electric switch #2
	If equipped, this switch is for the front electric connector.



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Fluids and lubricants

Fuel tank

Capacity	**96.5 L (25.5 US gal)**
Specifications	#2 Diesel ultra-low sulfur

Cooling system

Capacity	**19.0 L (5.0 US gal)**
Specifications	**EXTENDED LIFE OAT COOLANT/ANTIFREEZE**

Hydraulic system

Reservoir capacity	**22.7 L (6.0 US gal)**
System capacity:	**45.4 L (12.0 US gal)**
Specifications	**PREMIUM HYDRAULIC OIL HV68 MULTI-GRADE AW**

Chain compartments

Capacity - each side	
SR270B, SV340B	**22.2 L (23.5 US qt)**
Specifications	**PREMIUM HYDRAULIC OIL HV68 MULTI-GRADE AW**

Grease fittings

Quantity	As required
Specifications	**MULTI-PURPOSE MOLY GREASE EP / AW / NLGI 2** (Molydisulfide)

Engine crank case oil

Capacity - with filter change	**8.5 L (9.0 US qt)**
Specifications	**NO.1 ENGINE™ OIL SBL CJ-4**

Final track drive

Capacity - each side	
TR340B, TV450B	**1.0 L (1.06 US qt) +/- 0.1 L (0.1 US qt)**
Specifications	**HYPOID GEAR OIL EP SAE 80W-90**

Emissions fluid

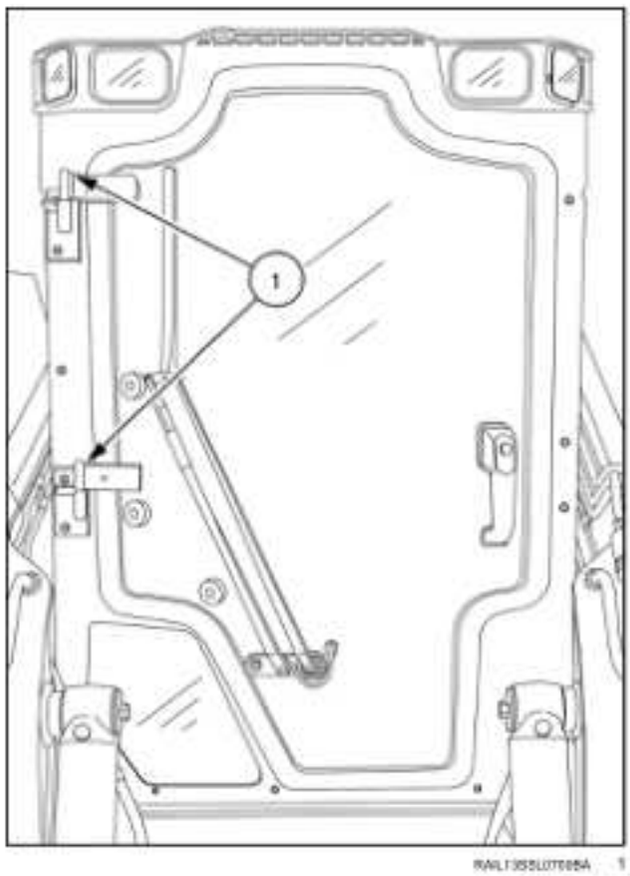
Reservoir capacity	**10.7 L (2.8 US gal)**
DEF/ADBLUE® low volume indicator	**2.4 L (0.6 US gal)**
Specifications	**DEF/ADBLUE®**

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Cab door - Grease

Grease both door hinges every **500 h** with **MULTI-PURPOSE MOLY GREASE EP / AW / NLGI 2**.

1. Clean the grease fittings **(1)** before greasing.
2. Open and close the door to work in the grease.

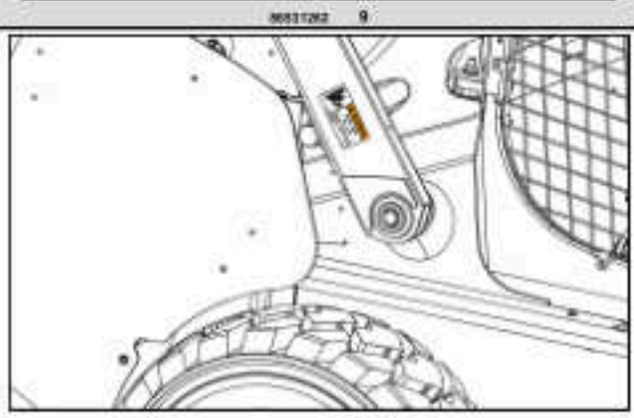


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WARNING
PINCH AREA
Keep away. Failure to comply could result in death or serious injury.



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.



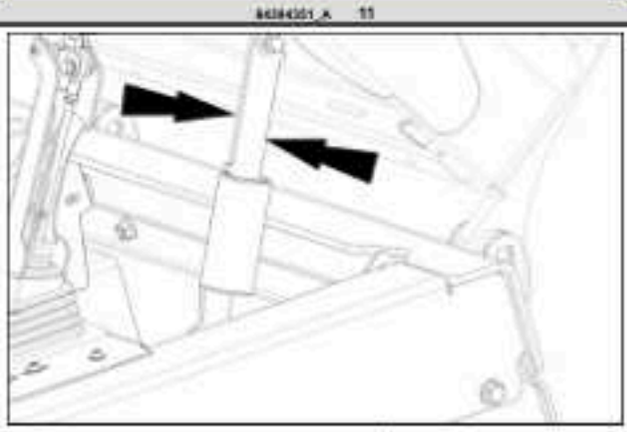
NOTE: *Read and understand the "Loader arm lock and cab tilt procedure - vertical lift machines" page* ***2-22*** *in this manual.*

NOTE: *Only applicable to models SV340B and TV450B.*

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



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



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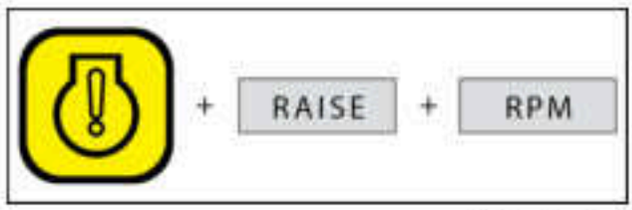
Hydrocarbon management [Instrument Cluster (IC)]

If the engine is run at low idle speed for a prolonged period of time, hydrocarbons can accumulate in the SCR catalyst. To manage this accumulation, your machine will monitor current conditions and will notify the operator to increase engine RPM or may automatically increase if an operator is not present.

NOTICE: *Unless the Hydrocarbon (HC) level has reached the most critical level, running the unit under load is advantageous for quickly reducing the HC levels.*

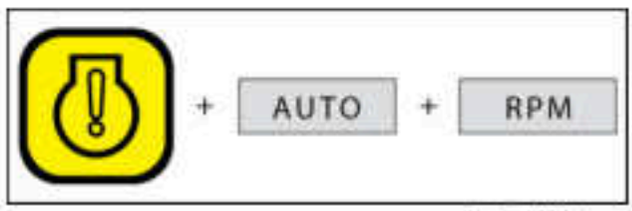
There are two indicators that can be displayed to inform you that hydrocarbon management is active. One will be an indicator lamp on the instrument cluster and the other one will alternate on the display screen:

- Low Idle Increase Recommended - The instrument cluster may request the engine speed be increased when operating at lower temperatures or with lighter engine loads in order to elevate SCR temperatures. Increase engine RPM and continue to operate the machine.



RAIL16GSL001BAA 1

- Automatic Low Idle Increase Active - The engine RPM may automatically increase if an operator is not present.



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- SCR Catalyst Full - The SCR catalyst has become clogged with hydrocarbon accumulation.

  Park the machine and raise the engine RPM to a minimum of **1400 RPM** until the fault clears.

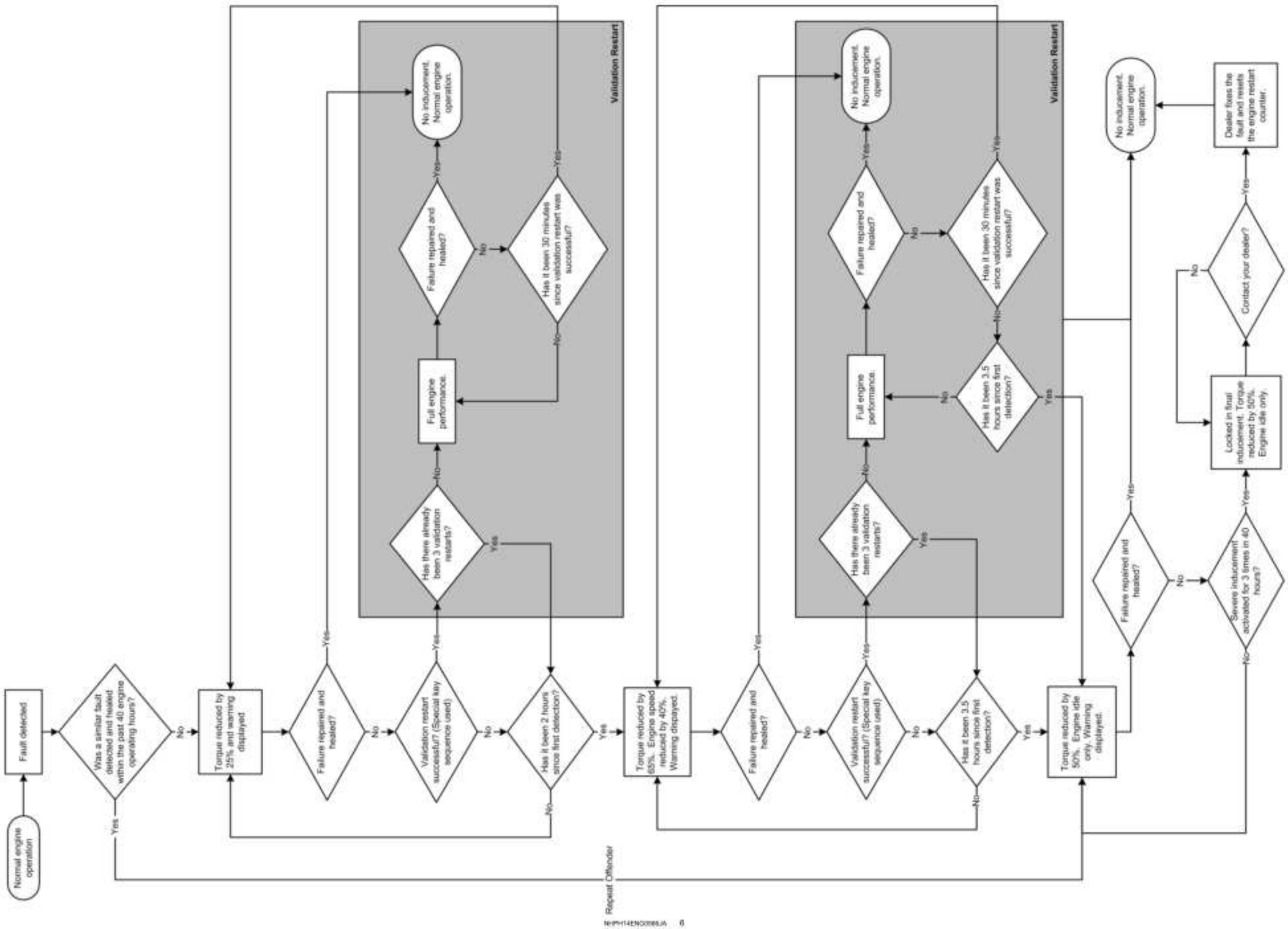
  NOTE: *This procedure may take up to **1 – 2 h** to complete depending on the ambient air temperature.*

  NOTICE: *Do not turn off the engine, drive the machine, or increase the load on the machine to avoid damage to the catalyst. Failure to comply could cause component damage.*



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