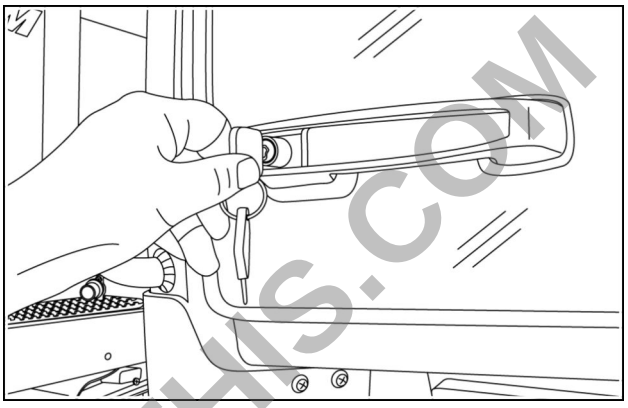
3 - CONTROLS/INSTRUMENTS

ACCESS TO OPERATOR'S PLATFORM

Tractor access

Cab door lock

Use the key to lock or unlock the cab door from the outside.



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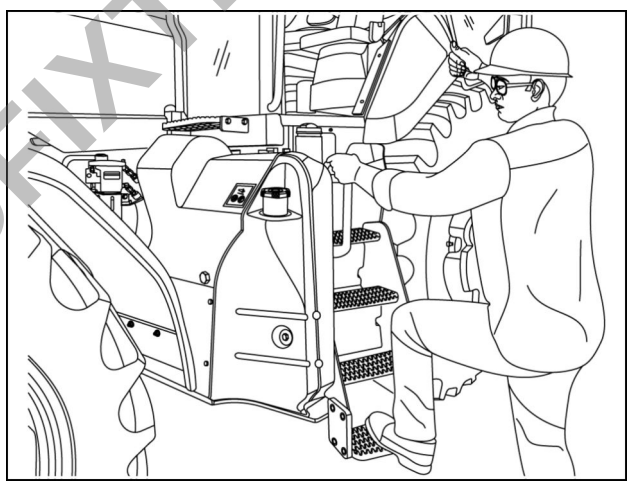
Hand rails

⚠ WARNING

Fall hazard!
Jumping on or off the machine could cause an injury. Always face the machine, use the handrails and steps, and get on or off slowly. Maintain a three-point contact to avoid falling: both hands on the handrails and one foot on the step, or one hand on the handrail and both feet on the steps.
Failure to comply could result in death or serious injury.

W0141A

When mounting or dismounting the tractor, use the hand rails and steps provided.



RCPH11CCH017BAB 2

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4 - OPERATING INSTRUCTIONS

COMMISSIONING THE UNIT

Before starting the engine

⚠ WARNING

Unexpected machine movement!
Before starting the engine, be sure all controls are in neutral or disengaged. This prevents the accidental start up of power-driven equipment.
Failure to comply could result in death or serious injury.

W0169A

⚠ WARNING

Inhalation hazard! Risk to operators and bystanders.
Avoid running the engine in confined areas. Make sure there is adequate ventilation at all times.
Failure to comply could result in death or serious injury.

W0156A

⚠ WARNING

Hazard to bystanders!
Make sure the area surrounding the machine is clear of all persons before starting the engine.
Failure to comply could result in death or serious injury.

W0090A

First tractor use

Before starting your tractor for the first time, make the following checks:

- Make sure the tractor is properly lubricated and greased as described in the maintenance section of this manual.
- Check the engine oil level, engine coolant level, and transmission oil. See the maintenance section of this manual.
- Check that the tractor fuel tank is filled with clean fuel that meets the specifications given in this manual.
- Check that the tractor DEF/AdBlue® tank is filled with clean fluid that meets the specifications given in this manual.
- Check the fuel system, selective catalytic reduction (SCR) system, cooling system and engine for leaks.
- Remove any water or sediment from the water trap of the fuel tank and primary filter.
- Check the air pressure in the tires and check the wheel bolt torque.
- Make sure the power takeoff guard is in the proper position.

Daily inspection

- Walk around and visually inspect the tractor daily. Check for such items as hoses or wires rubbing against other components, oil leaks, trash buildup, loose bolts or anything that would affect the normal operation of the tractor.
- Inspect the exhaust system and repair if leaking, failed, or damaged.
- Make any necessary corrections before operating the tractor.

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5 - TRANSPORT OPERATIONS

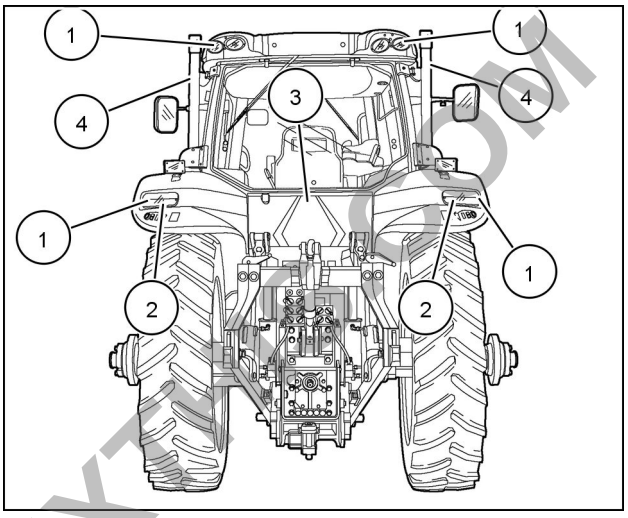
ROAD TRANSPORT

Tractor warning lamps and SMV symbol

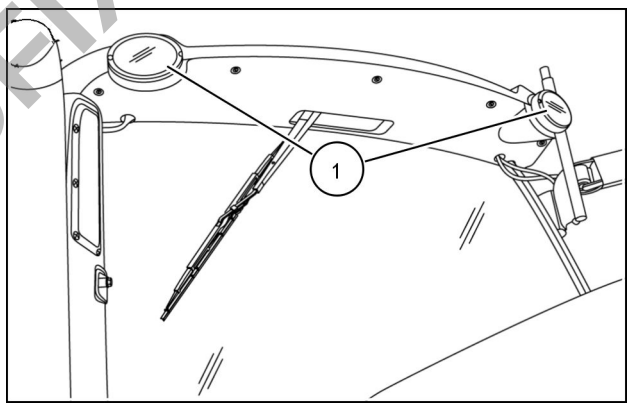
⚠ WARNING

Collision hazard!
Collision of high speed road traffic and slow moving machines can cause death or personal injury. On roads use transport lighting according to local laws. Pull over to let faster traffic pass. Slow down and signal before turning off. Failure to comply could result in death or serious injury.

W0408A



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RCPH11CCH013AAB 2

Your tractor has flashing amber warning lamps **(1)**, tail/stop lamps **(2)**, a slow moving vehicle (SMV) symbol **(3)**, and if equipped with a **50 km/h** (**30 mph**) transmission, a speed identification symbol (SIS). Optional wide transport lights **(4)** are also available and operate the same as the flashing warning lamps. Use these warning lamps correctly when operating the tractor on a road. The proper use of these items will provide safety and protection for the tractor operator and other vehicle operators.

The flashing amber warning lamps must be operating when the tractor is operated on a road during the day or night. A vehicle operator who comes near the tractor must see the SMV symbol and tail lamps from the rear and the flashing amber warning lamps from the front and rear. Keep all lamps and reflectors clean.

The SMV symbol must be replaced when the bright orange, center triangle has noticeably faded to a pale orange color. This fading of the orange fluorescent center will occur due to long exposure to sunlight, and reduces daytime identification by approaching vehicle drivers.

NOTE: *When towing an implement or wagon with the tractor, the complete rear area warning system (amber warning lamps, red tail lamps, and SMV symbol) must be easily seen by any vehicle operator coming near the tractor.*

NOTE: *When transporting the tractor, cover the SMV symbol.*

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7 - MAINTENANCE

GENERAL INFORMATION

Safety rules

Environment

Before you service the machine and before you dispose of the old fluids, lubricants and filters, always remember the environment

- Do not pour oil or fluids on the ground, down drains or into containers that can leak.
- Dispose of all old fluids, lubricants and filters in accordance with local regulations.
- Check with your local environmental recycling canter or you local dealer for correct information.

Plastic and resin parts

- Avoid using gasoline, paraffin, paint thinner, etc., when cleaning plastic, e.g.; console, instrument cluster, monitors and gauges, etc.
- Use only water, mild soap and a soft cloth when you clean these parts.
- Using gasoline, paraffin, paint thinner, etc., will cause color fading, cracking or deformation of the parts being cleaned.

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8 - TROUBLESHOOTING

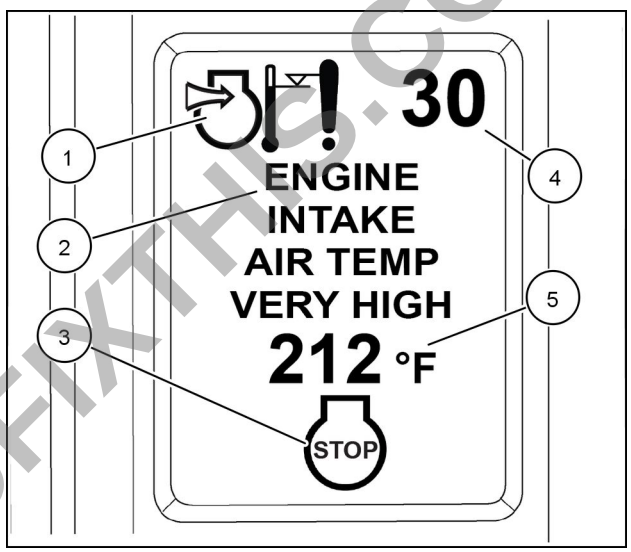
ALARM(S)

Display warnings overview

The lower display notifies the operator when there is a problem with the engine, transmission, hydraulics or other operational systems that require corrective action. The warnings include an audible alarm, one or more indicator lights and a text message in the lower display. The warnings are divided into 4 levels of importance and a descending order of priority within each level. In the case of multiple faults or warnings, the higher level or higher priority within a level will be the warning displayed.

With Level 1 warnings, the message screen contains:

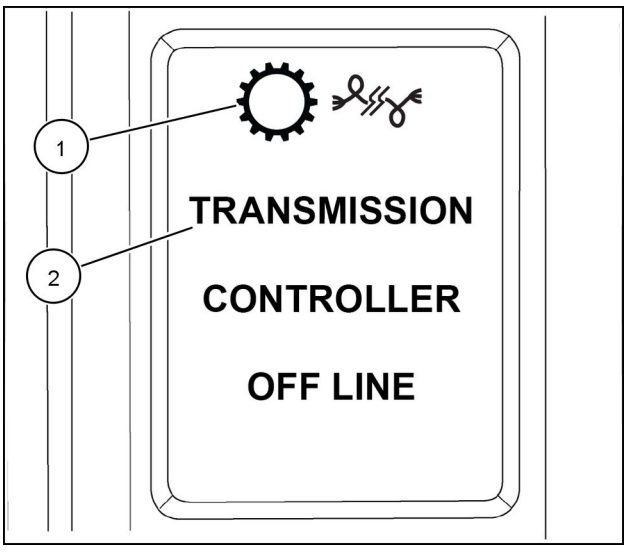
1. an icon for the affected system,
2. the warning message,
3. the engine shut down icon,
4. the 30 second count down timer which displays on performance instrumentation,
5. and the recorded temperature or pressure which is out of range.



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With other warnings, the message screen contains:

1. an icon for the affected system,
2. and the warning message.



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9 - SPECIFICATIONS

Engine specifications

Diesel engine

T8. series tractors

Type	Six cylinder, four stroke cycle, turbocharged, 4 valve per cylinder head, air to air aftercooled
Firing Order	1-4-6-2-3-5
Bore	**117 mm**
Stroke	**135 mm**
Piston Displacement	**8.7 l**
Compression Ratio	15.9 :1
Cylinder Sleeves	Wet type, removable
High Engine Idle	**2240 RPM ± 25 RPM**
Rated Engine Speed	**2000 RPM**
Low Engine Idle	**900 RPM ± 50 RPM**

Lubrication system

All models

Oil pressure	**300 - 500 kPa** (**43 - 75 psi**)
System type	Constant pressure with piston oil cooling

Fuel system

All models

Fuel injection pump	
Type	Electronic
Make	High Pressure Common Rail Bosch CP3.3
Fuel injectors	Bosch electronically controlled

Air intake system

All models

Type	Dry type, air induction system, two stage

Cooling system

All models

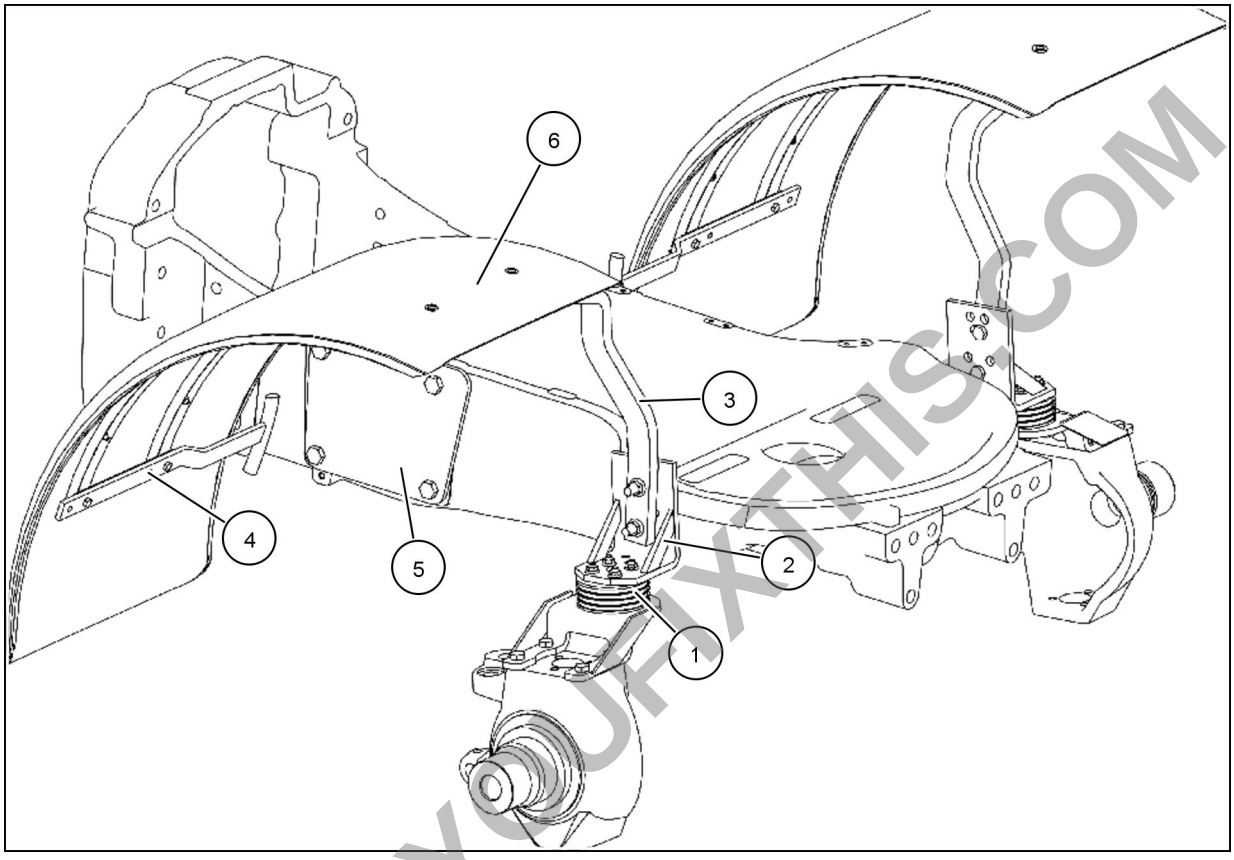
Type	Pressure system, thermostat controlled bypass, centrifugal type pump
Radiator	Aluminum furnace brazed
Thermostat	Starts to open at approximately **81 °C** (**177.8 °F**) ± **2 °C** (**3.6 °F**) fully open at **94 °C** (**201.2 °F**) ± **2 °C** (**3.6 °F**)
Pressure cap, deaeration tank	**120 kPa** (**17.4 psi**)
Fan drive type	Viscous

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10 - ACCESSORIES

Front wheel fenders - Dynamic fenders



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1. Isomount assembly
2. Isomount bracket
3. Fender support bar
4. Fender bumper bar
5. Bumper Pad
6. Fender plate (hidden)

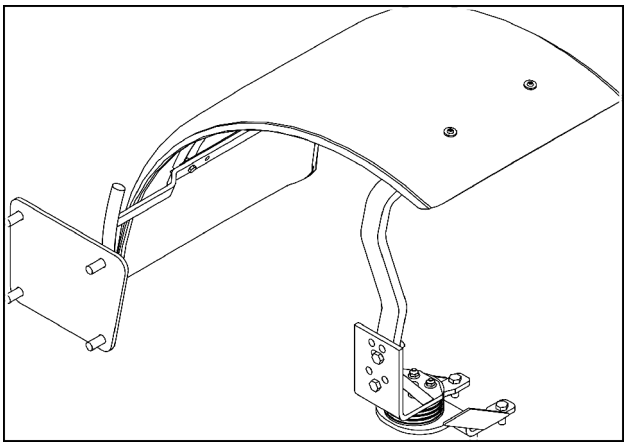
Dynamic fenders are mounted on the axle steering knuckle of standard and suspended MFD axles. As the steering wheel is turned, the front fenders contact the fender bumper pad on the tractor frame and flex. If the proper fender mounting and axle stops are not used, damage to the fender components will occur.

The fender mounting must be adjusted for the tire width and tread setting used. There are five variables which determine the correct fender position for your tractor:

- isomount bracket mounting holes and orientation,
- fender plate to support bracket mounting location,
- support bar to isomount bracket mounting position,
- and forward or rearward position on the fender frame.

Use the following table to determine the proper settings for installing the fenders correctly on your tractor.

NOTE: *All dynamic fenders are shipped with a default setup of A,E,G,J,M.*



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OPERATOR'S SEAT

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2 - SAFETY INFORMATION

Safety rules and signal word definitions

Personal safety



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible death or injury.

Throughout this manual and on machine decals, you will find the signal words DANGER, WARNING, and CAUTION followed by special instructions. These precautions are intended for the personal safety of you and those working with you.

Read and understand all the safety messages in this manual before you operate or service the machine.

⚠ DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury. The color associated with DANGER is RED.

⚠ WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury. The color associated with WARNING is ORANGE.

⚠ CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury. The color associated with CAUTION is YELLOW.

FAILURE TO FOLLOW DANGER, WARNING, AND CAUTION MESSAGES COULD RESULT IN DEATH OR SERIOUS INJURY.

Machine safety

NOTICE: *Notice indicates a situation which, if not avoided, could result in machine or property damage. The color associated with Notice is BLUE.*

Throughout this manual you will find the signal word Notice followed by special instructions to prevent machine or property damage. The word Notice is used to address practices not related to personal safety.

Information

NOTE: *Note indicates additional information which clarifies steps, procedures, or other information in this manual.*

Throughout this manual you will find the word Note followed by additional information about a step, procedure, or other information in the manual. The word Note is not intended to address personal safety or property damage.

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11 - FORMS AND DECLARATIONS

Delivery report - owner copy

T8.275, T8.300, T8.330, T8.360 and T8.390

Delivery Date _____

Owner's Name _____

Address _____

Dealer's Name _____

Address _____

Tractor Model No. _____

Serial No. _____

Engine Model No. _____

Serial No. _____

Using the Operator's Manual as a guide, instruction was given as indicated by the check marks.

( ) Safety precautions and practice
( ) Lubrication points and schedule
( ) Use of optional equipment
( ) Operation of all controls
( ) Preseason service
( ) All safety shielding is installed
( ) End-of-season service
( ) Warranty coverage
( ) Proper use of the Operator's Manual
( ) Customer given Operator's Manual
( ) Local Cummins Dealer/Distributor contacted with engine information

Dealer's Signature _____

"I have been instructed in the operation, maintenance, and safety features of this machine as detailed in the Operator's Manual."

Owner's Signature _____

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4 OPERATING INSTRUCTIONS

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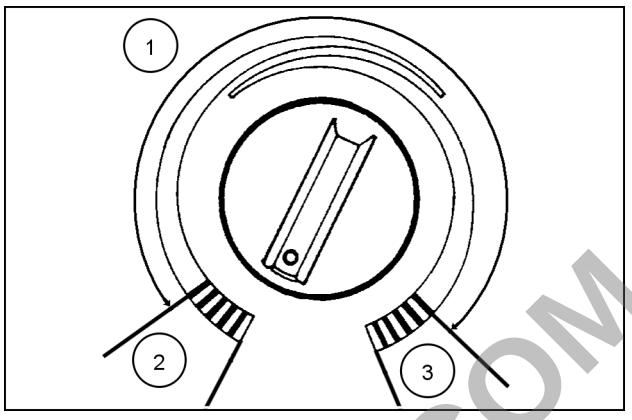
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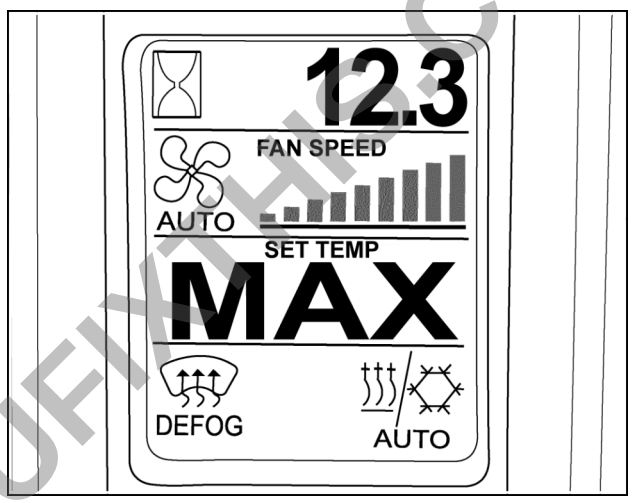
Automatic temperature control range **(1)**: **15 - 32 °C** (**59 - 90 °F**)

Maximum cooling zone **(2)**: Moving the temperature control to the maximum cooling zone causes the system to leave automatic or defog operation and provide the system's maximum cooling capacity. Blower speed automatically increases to the highest setting. "MAX" displays in place of the set temperature on the lower display. Moving the control out of the zone returns the system to automatic or defog operation.

Maximum heating zone **(3)**: Moving the temperature to the maximum heating zone causes the system to leave automatic or defog operation and provide the system's maximum heating capacity. Blower speed automatically increases to the highest setting. "MAX" displays in place of the set temperature on the lower display. Moving the control out of the zone returns the system to automatic or defog operation.



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Auto temperature control screen

Automatic temperature control system setting information displays on the lower display.

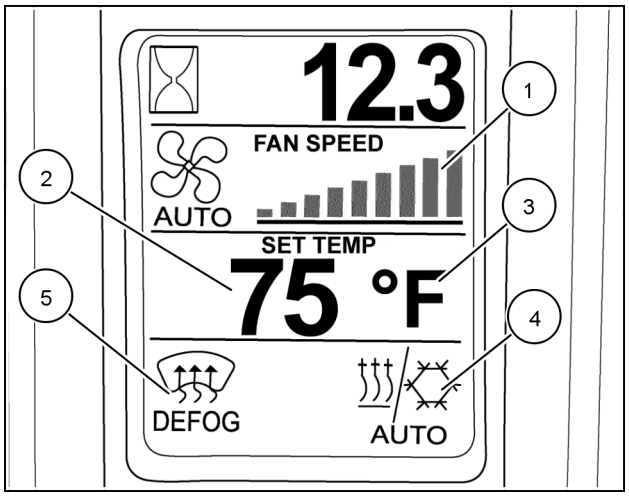
Blower speed window **(1)** represents the current blower speed with vertical bars, when blower operation is automatic.

Temperature window **(2)** displays the desired cab temperature selected by the operator.

Units of measurement window displays "°C" for Celsius or "°F" for Fahrenheit **(3)** depending on the units of measurement selected. Press and release the ATC button on the key pad to toggle units of measurement between Celsius and Fahrenheit for this screen.

Automatic mode icon **(4)** displays when automatic mode is selected: the system controls blower speed and temperature.

Defog icon **(5)** displays when defog mode is selected.



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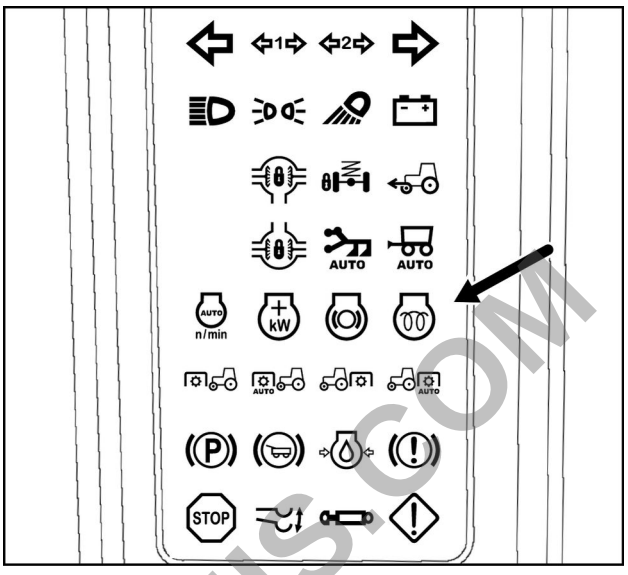
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Indicator lamps and displays

When the key switch is turned to the on position, the tractor instrumentation does a self-check of monitored systems. All indicator lamps and display screens energize for two seconds. Before starting the tractor, make sure all systems are operating. If any system is not operating, see your dealer.

Monitor the displays and gauges while operating the tractor to check the performance of tractor functions.



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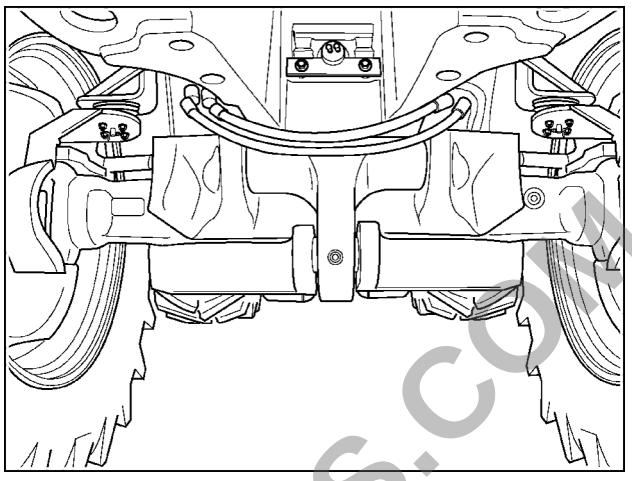
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Suspended axle

The suspended MFD axle:

- allows increased operating speeds with greater tractor stability in the field and on the road,
- improves ride quality and operator comfort when working on rough terrain and for high speed shuttling,
- provides better front tire to ground contact for improved tractor control and prolonged tire life.

Automatic front suspension is beneficial in most applications but must be disengaged when performing some front hitch and loader operations, or when front or side fertilizer tanks are installed.



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⚠ WARNING

Unexpected movement!
The suspended front axle must be in the locked position when raising the front end of the machine off the ground for service.
Failure to comply could result in death or serious injury.

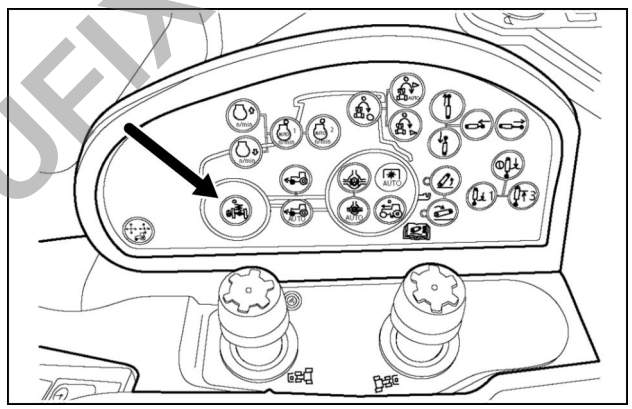
W0315A

The suspension lock out switch toggles the status of the suspension system between locked (suspension off) and automatic (suspension on).



Press and release the suspended axle lock button to lock or unlock the front axle. The lamp on the button and icon on the tractor instrumentation illuminate when the front axle is locked (suspension off).

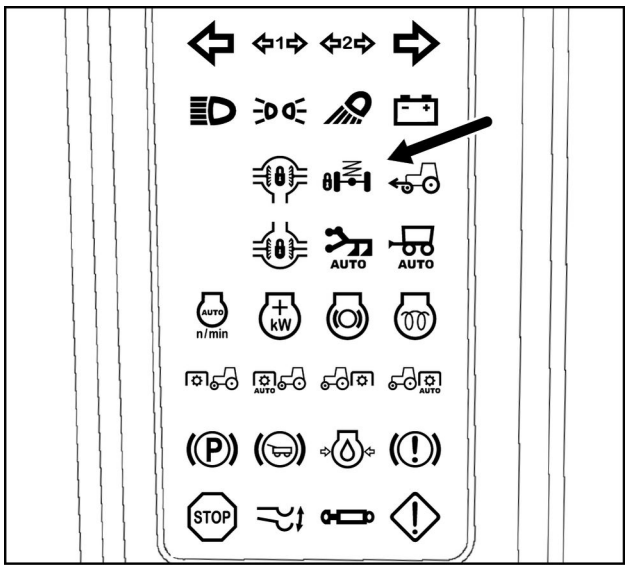
If the axle is unlocked, press and release the button to lock the axle in its current position.



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To release the suspension, press the lock button again: the suspended axle returns to the center, operating position after the tractor travels a short distance.

***NOTE:** A flashing light on the button indicates a malfunction in the suspension system; contact your dealer.*



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Interchanging the 35 mm (1.375 in) PTO shaft and 44 mm (1.75 in) PTO shaft

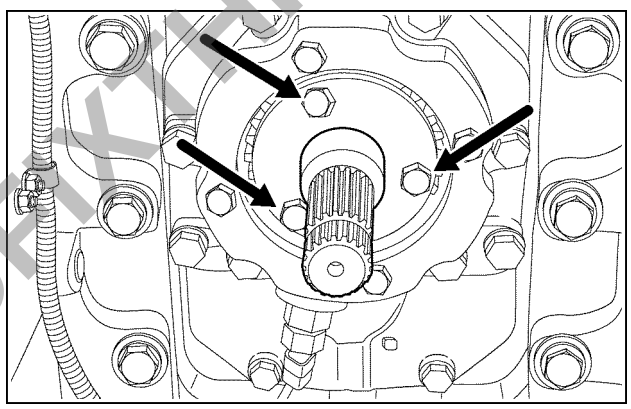
For maximum performance, use these guidelines when configuring the PTO:

- The **35 mm** (**1.375 in**) **540 RPM** 6-spline shaft should be used with implements that require less than **63 kW** (**85 Hp**).
- The **35 mm** (**1.375 in**) **1000 RPM** 21-spline shaft should be used with implements that require less than **112 kW** (**150 Hp**).
- The **44 mm** (**1.75 in**) **1000 RPM** 20-spline shaft is intended for applications that require loads in excess of **112 kW** (**150 Hp**).

NOTICE: *Operating outside the recommended PTO HP guidelines could cause premature shaft failure.*

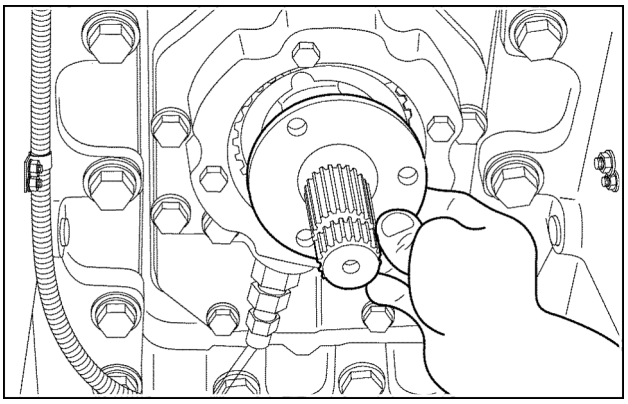
NOTE: *Alternate shafts are stored in a special box inside the cab.*

1. Remove the three **10 mm** x **20 mm** retainer plate bolts.



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2. Remove the outer retainer plate.



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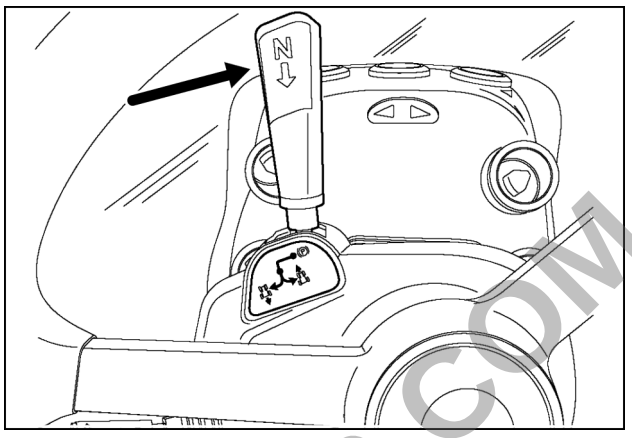
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Hitch remote switch operation

The remote hitch switch can be used to raise or lower the hitch from the rear of the tractor. The hitch moves slower when using the remote switch. This is useful when making small adjustments while adjusting hitch linkages.

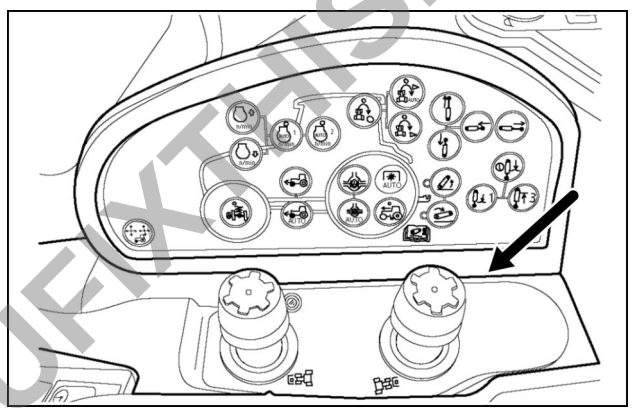
Always operate the remote switches according to the following procedure:

1. Put the transmission control lever in the park position.



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2. Disengage the PTO.

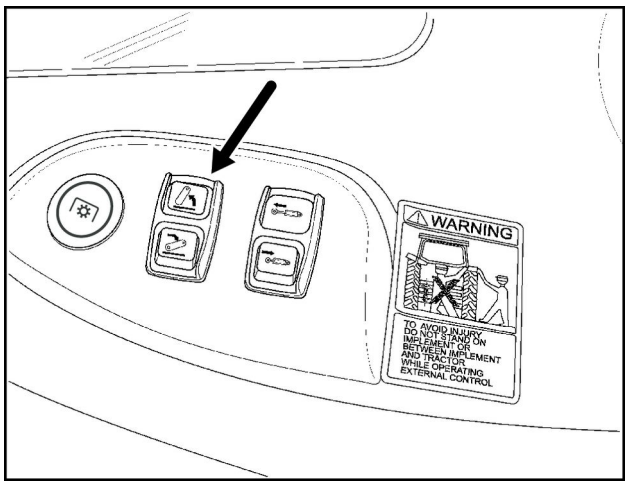


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⚠ WARNING

Pinch point!
Lift arm assembly pivots create pinch points. Keep fingers, hands, and feet away from pivot points.
Failure to comply could result in death or serious injury.

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3. Push the top button to raise the hitch. Push the bottom button to lower the hitch.

- When the switch buttons are released, the hitch stops and stays at the height selected until the in-cab hitch controls are used to operate the hitch.
- If both buttons are pushed at the same time, the hitch stops. When the buttons are released, the hitch can be used in the normal manner.
- After each use of the remote switches, the hitch system must be enabled with the hitch position control or the hitch up or down buttons on the multi function handle.

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These adjustments are made on the setup screen:

1. separate flow rate (entered as a percentage of total flow) for retract and extend circuits,
2. separate timer setting in seconds for the retract and extend circuits,
3. timer control on or off,
4. and valve lock or unlock.

Rotate the selector **(A)** to scroll to the setting to be adjusted. The selected value is highlighted. Press the selector to edit the selected value: the value is enclosed with a black frame.

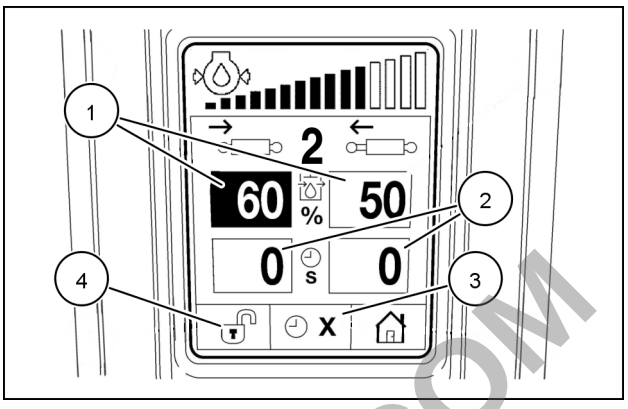
Rotate the selector **(A)** clockwise to increase the value, rotate counter clockwise to decrease the value.

When the desired value displays, press the selector again to store the new value.

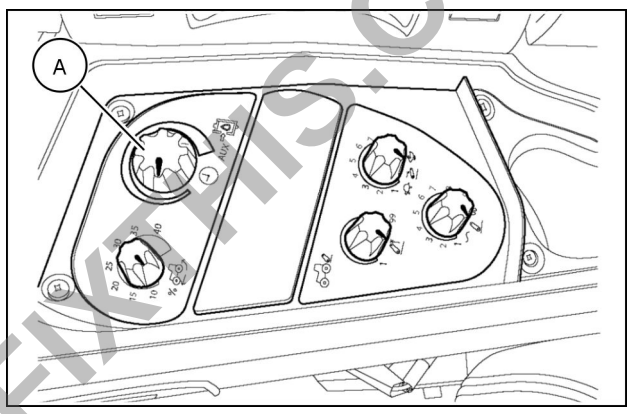
Rotate the selector to scroll to the next setting to be adjusted or to exit setup mode.

To exit the screen, highlight the home icon, and press the selector. The valve select screen displays.

Proceed with editing another valve, or highlight the home icon, and press the selector to return to the normal operating screens.



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Timer setting and operation

When manual (versus timer learning function shown in remote lever operation) selection of the timer is required, they are made using the selector. The timer value range is 1-60 seconds in one second increments. For continuous flow, the timer is set to infinity **(3)**.

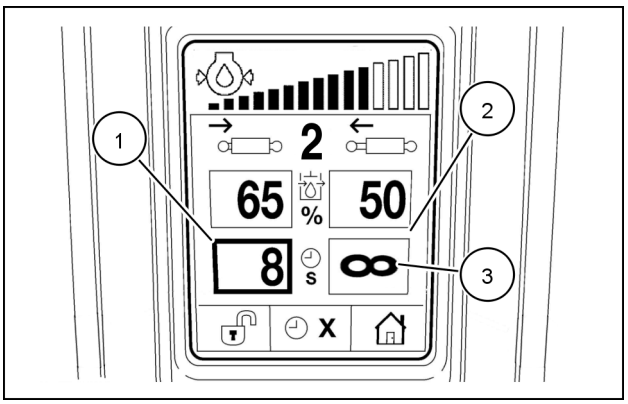
Access the setup screen as previously described. Then, use the selector to select the timer setting for editing. The window **(1)** on the left side of the screen is for the retract circuit; the window **(2)** on the right for the extend circuit.

With a black frame surrounding the value to be changed **(1)**, rotate the selector clockwise to increase the value; rotate the selector counter clockwise to decrease the value.

When the desired value is selected, press the selector to store the setting. Repeat the procedure for setting extend value **(2)**, if required.

Where a timer setting is required in one direction only, the second (unused) timer value should be set to 0 (zero)

NOTE: *Timer operation can be disabled at any time by moving the appropriate lever or by accessing the setup screen and deactivating the timer.*



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Tread positions – MFD duals if equipped

The use of MFD duals increases traction and flotation while decreasing soil compaction. Duals can be set for tillage or some limited row crop settings.

NOTICE: *The steering stops on the axle must be installed in the correct position for the tread width and tire size used. See steering and oscillation stop, in this manual for the correct position of the stops and if fenders can be installed for desired tread setting and tire size combination.*

There are four inner tire and four dual tire settings available. Locate tire size in configuration chart on next page and choose combination desired.

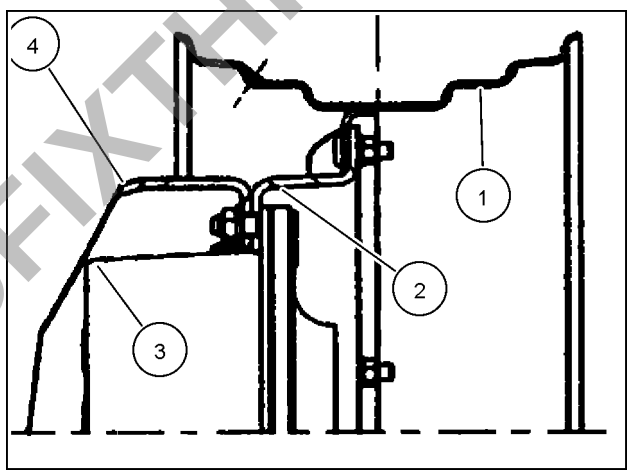
NOTE: *When repositioning a disc in the rim, lay the wheel assembly flat and center the disc in the rim before tightening the disc-to-rim hardware. This helps prevent the wheel from running out of round with the axle.*

Use the following procedure to install the inner MFD duals:

1. Configure inner dual as required (see MFD dual configuration table).
2. Assemble the inner dual to axle hub using 2 hub to disk nuts placed **180 °** apart.
3. Assemble spacer to axle hub with notches over two existing nuts.
4. Install remaining 10 nuts while centering spacer and torque nuts as specified.

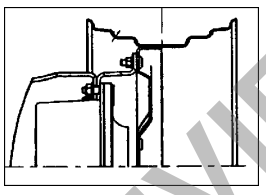
Inner dual

1. Rim **(1)**
2. Wheel disc **(2)**
3. Axle hub **(3)**
4. Spacer **(4)**

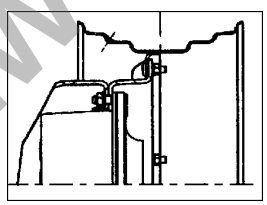


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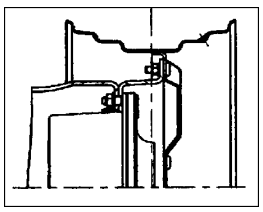
----------> centerline of tractor



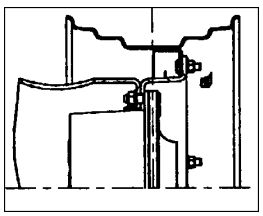
Configuration A
Valve stem out



Configuration B
Valve stem out



Configuration C
Valve stem in



Configuration D
Valve stem in

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Rear wheel tread settings – singles

Rear axle size	Rear tire width	Wheel turned in Minimum/maximum tread width	Wheel turned out Minimum/maximum tread width
102 mm dia x 3050 mm (4 in dia x 120 in) T8.275, T8.300 and T8.330	380	1524 - 2388 mm (60 - 94 in)	2438 - 3277 mm (96 - 129 in)
	18.4/480	1524 - 2388 mm (60 - 94 in)*	2438 - 3277 mm (96 - 129 in)
	20.8/520	1626 - 2388 mm (64 - 94 in)	2413 - 3277 mm (95 - 129 in)
	620	1702 - 2362 mm (67 - 93 in)	2464 - 3302 mm (97 - 130 in)
	650/IF650	1753 - 2438 mm (69 -96 in)	2388 - 3200 mm (94 - 126 in)
	710	1803 - 2464 mm (71 - 97 in)	2362 - 3226 mm (93 - 127 in)
	800	1880 - 2540 mm (74 - 100 in)	2286 - 3124 mm (90 - 123 in)
102 mm dia x 3050 mm (4 in dia x 120 in) T8.360 and T8.390	380	1549 - 2388 mm (61 - 94 in)	2438 - 3302 mm (96 - 130 in)
	18.4/480	1549 - 2388 mm (61 - 94 in)	2438 - 3302 mm (96 - 130 in)
	20.8/520	1626 - 2413 mm (64 - 95 in)	2438 - 3277 mm (96 - 129 in)
	620	1702 - 2388 mm (67 - 94 in)	2464 - 3302 mm (97 - 130 in)
	650/IF650	1753 - 2464 mm (69 - 97 in)	2388 - 3226 mm (94 - 127 in)
	710	1803 - 2464 mm (71 - 97 in)	2388 - 3226 mm (94 - 127 in)
	800	1880 - 2540 mm (74 - 100 in)	2286 - 3150 mm (90 - 124 in)
115 mm dia x 3050 mm (4-1/2 in dia x 120 in) T8.330	380	1524 - 2388 mm (60 - 94 in)	2438 - 3277 mm (96 - 129 in)
	18.4/480	1524 - 2388 mm (60 - 94 in)*	2438 - 3277 mm (96 - 129 in)
	20.8/520	1626 - 2388 mm (64 - 94 in)	2413 - 3277 mm (95 - 129 in)
	620	1702 - 2362 mm (67 - 93 in)	2464 - 3302 mm (97 - 130 in)
	650/IF650	1753 - 2438 mm (69 -96 in)	2388 - 3200 mm (94 - 126 in)
	710	1803 - 2464 mm (71 - 97 in)	2362 - 3226 mm (93 - 127 in)
	800	1880 - 2540 mm (74 - 100 in)	2286 - 3124 mm (90 - 123 in)
115 mm dia x 3050 mm (4-1/2 in dia x 120 in) T8.360 and T8.390	380	1549 - 2388 mm (61 - 94 in)	2438 - 3302 mm (96 - 130 in)
	18.4/480	1549 - 2388 mm (61 - 94 in)	2438 - 3302 mm (96 - 130 in)
	20.8/520	1626 - 2413 mm (64 - 95 in)	2438 - 3277 mm (96 - 129 in)
	620	1702 - 2388 mm (67 - 94 in)	2464 - 3302 mm (97 - 130 in)
	650/IF650	1753 - 2464 mm (69 - 97 in)	2388 - 3226 mm (94 - 127 in)
	710	1803 - 2464 mm (71 - 97 in)	2388 - 3226 mm (94 - 127 in)
	800	1880 - 2540 mm (74 - 100 in)	2286 - 3150 mm (90 - 124 in)

* Minimum can be reduced to **1524 mm** (**60 in**) if CAT IIIN hitch setting is used.

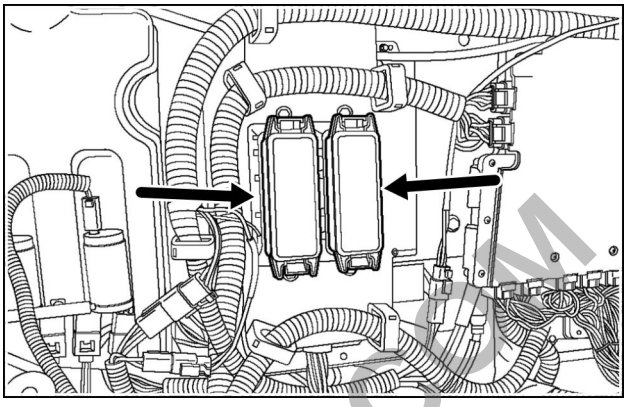
NOTICE: *Maximum rear axle operating weight must be reduced if the maximum tread width used in its calculation is exceeded. See maximum operating weight in this manual.*

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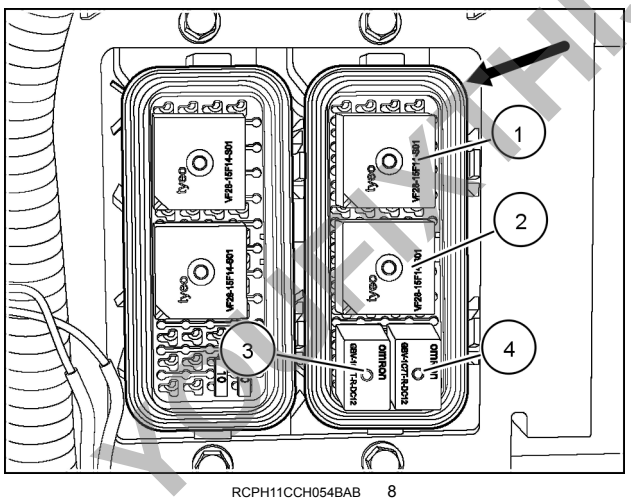
Rear center panel fuse/relay location

Additional fuses and relays are located in two boxes located under the center panel at the rear of the cab..



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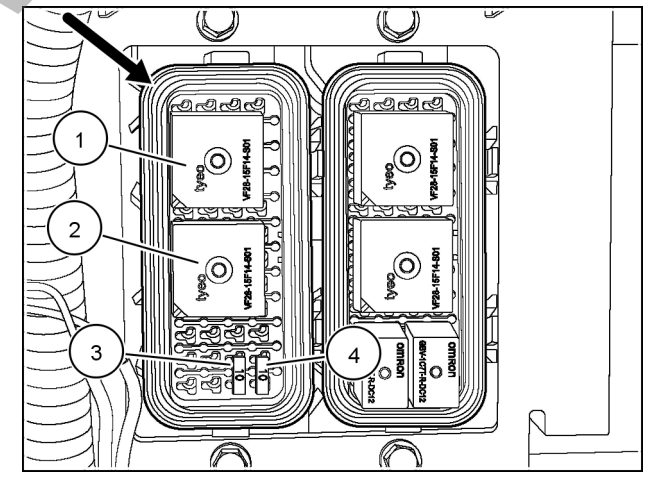
Rear center panel fuse/relay identification



RCPH11CCH054BAB 8

Right hand box

1. SCR system – **24 V** key switch energized relay	3. Pneumatic trailer brake dryer relay
2. Fuel pump relay	4. SCR system impedance relay



RCPH11CCH054BAB 9

Left hand box

1. SCR system – Initial key switch energized	3. Pneumatic trailer brake dryer unswitched B+ fuse
2. SCR – DCU energized after run relay	4. Front auxiliary power fuse

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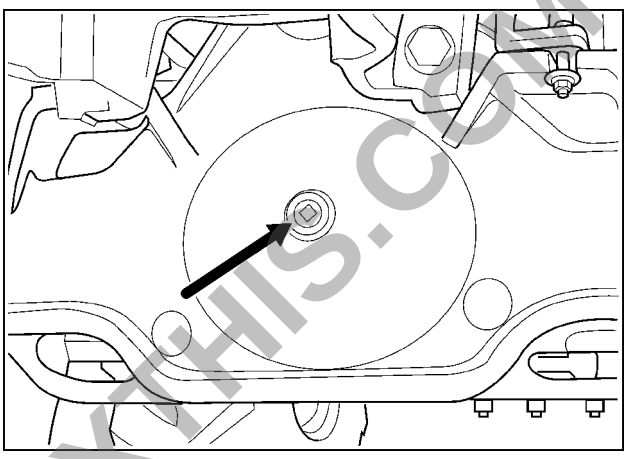
Differential and planetary oil level (Note B)

NOTICE: *While working the machine hard in the field or roading, let the machine sit and cool until the axle housing is warm to the touch. Loosen the fill plug, but do not remove it. Allow axle housing pressure to equalize with atmospheric pressure, then slowly remove the plug.*

NOTE:

Heavy duty MFD axle

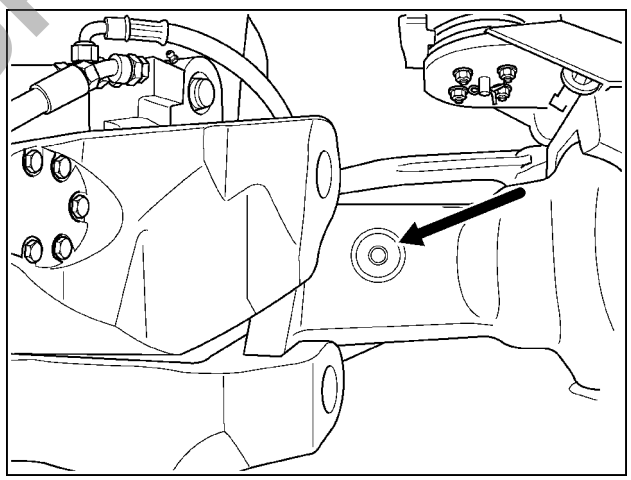
1. To check the differential oil level:
   - Put the tractor on level ground.
   - Remove the fill plug located on the front of the axle housing.
   - Add **NEW HOLLAND AMBRA HYPOIDE 140** to raise the oil level to the bottom edge of the fill hole.



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Scissors suspended MFD axle

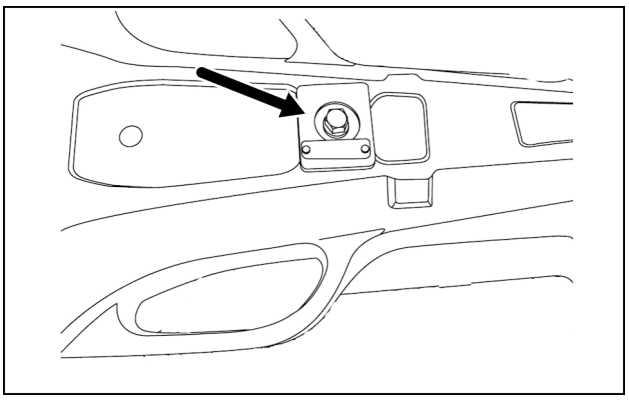
2. To check the differential oil level:
   - Put the tractor on level ground.
   - Lock the suspended axle before servicing the axle.
   - Remove the fill plug located at the left front axle housing.
   - Add **NEW HOLLAND AMBRA HYPOIDE 140** to raise the oil level to the bottom edge of the fill hole.



RCPH08CCH701AAC 2

Standard MFD axle

3. To check the differential oil level:
   - Place the tractor on hard, level ground.
   - Remove the fill plug located on the front of the axle housing.
   - Add **NEW HOLLAND AMBRA HYPOIDE 140** to raise the oil level to the bottom edge of the fill hole.



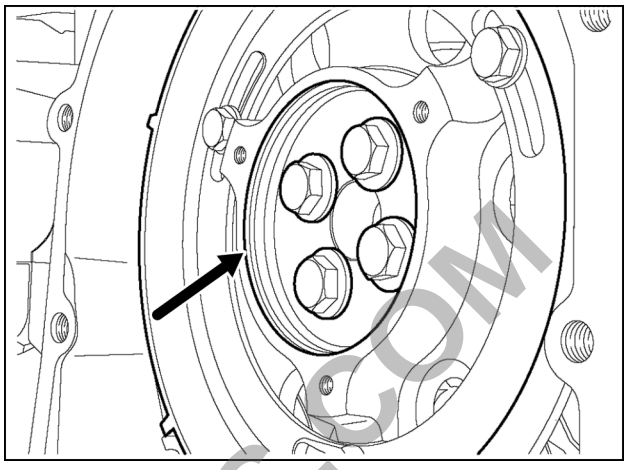
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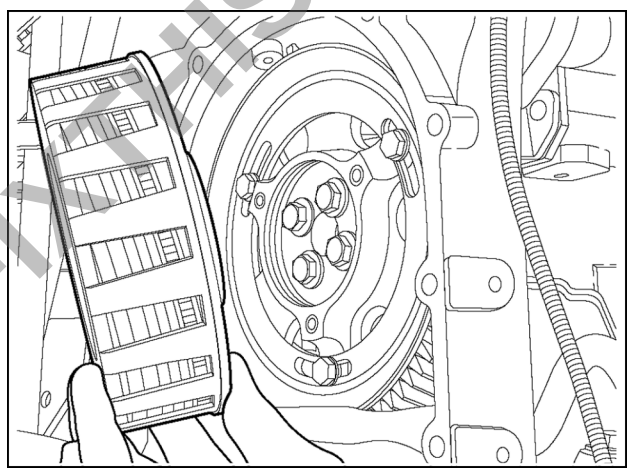
Installation

8. Lubricate with oil and install a new O-ring seal.



RCPH11CCH097BAB 7

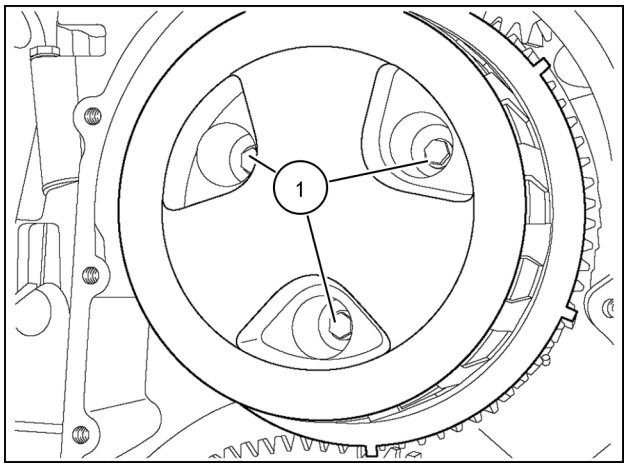
9. Install a new filter.



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10. Use the three bolts **(1)** removed earlier to secure the filter.

NOTE: *Do not over tighten the bolts or damage to the filter housing may occur.*

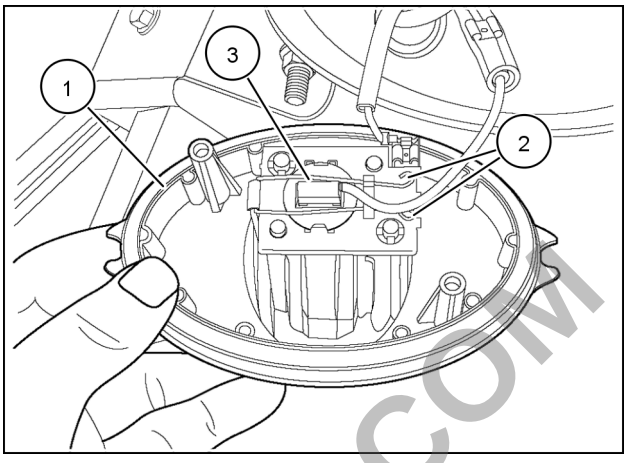


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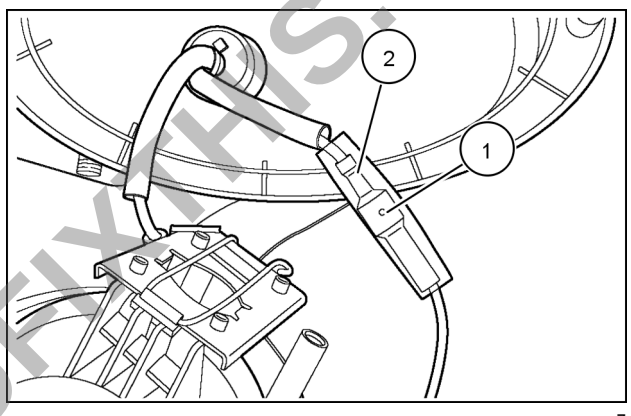
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2. Remove the bulb reflector **(1)**. Disengage the bulb holding wires **(2)** and remove the bulb **(3)**.



RCPH11CCH089BAB 6

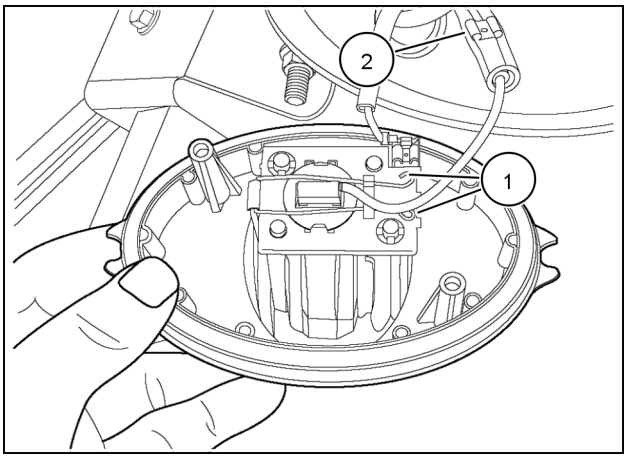
3. Disconnect the bulb harness **(1)** from the tractor harness **(2)**.



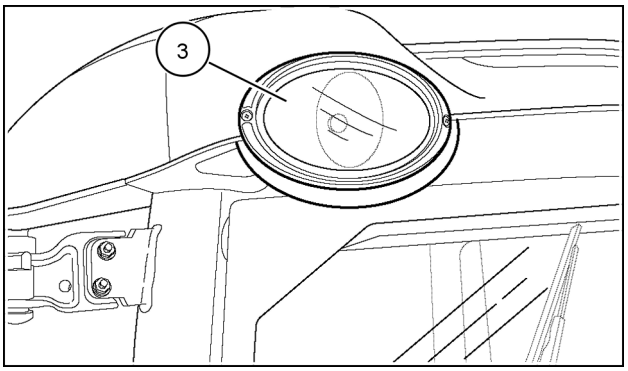
RCPH11CCH177AAB 7

4.
- Clean the lens with a mild detergent and a soft cloth. If there is moisture in the fixture, dry and inspect the lens gasket for damage. Replace as needed.
- Do not handle the new bulb with bare hands, use a clean soft cloth or paper towel.
- Install a new bulb and secure with the locking wires **(1)**. Connect to the tractor harness **(2)**.
- Reinstall the lens **(3)** using the screws removed earlier.

NOTE: *To prevent distortion or cracking the lens, do not over tighten the screws.*



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T8.390

18 speed or 23 speed creep transmission

	Ground speed km/h			Ground speed mph		
	Group 48	Group 47	Group 46	Group 48	Group 47	Group 46
	710/70R42	480/80R46 18.4-R46	420/80R46 16.9-R46	710/70R42	480/80R46 18.4-R46	420/80R46 16.9-R46
	983	930	883	983	930	883
Creep 1	0.97	0.92	0.87	0.60	0.57	0.54
Creep 2	1.29	1.22	1.16	0.80	0.76	0.72
Creep 3	1.69	1.60	1.52	1.05	1.00	0.95
Creep 4	2.27	2.14	2.04	1.41	1.33	1.27
Creep 5	3.00	2.84	2.69	1.86	1.76	1.67
Forward 1	3.34	3.16	3.00	2.08	1.97	1.87
Forward 2	3.84	3.63	3.45	2.38	2.26	2.14
Forward 3	4.42	4.19	3.97	2.75	2.60	2.47
Forward 4	5.07	4.80	4.56	3.15	2.98	2.83
Forward 5	5.82	5.51	5.23	3.62	3.42	3.25
Forward 6	6.68	6.32	6.00	4.15	3.92	3.73
Forward 7	7.79	7.37	7.00	4.84	4.58	4.35
Forward 8	8.93	8.45	8.02	5.55	5.25	4.99
Forward 9	10.30	9.75	9.25	6.40	6.06	5.75
Forward 10	11.82	11.18	10.61	7.34	6.95	6.60
Forward 11	13.55	12.82	12.17	8.42	7.97	7.56
Forward 12	15.55	14.71	13.97	9.66	9.14	8.68
Forward 13	19.37	18.33	17.40	12.04	11.39	10.81
Forward 14	22.22	21.02	19.96	13.81	13.06	12.40
Forward 15	25.62	24.24	23.02	15.92	15.06	14.30
Forward 16	29.39	27.81	26.40	18.26	17.28	16.41
Forward 17	33.72	31.90	30.29	20.95	19.82	18.82
Forward 18	38.67	36.59	34.74	24.03	22.73	21.59
Creep Rev 1	1.40	1.33	1.26	0.87	0.82	0.78
Creep Rev 2	3.26	3.09	2.93	2.03	1.92	1.82
Reverse 1	4.81	4.55	4.32	2.99	2.83	2.69
Reverse 2	5.52	5.22	4.96	3.43	3.25	3.08
Reverse 3	11.21	10.61	10.07	6.97	6.59	6.26
Reverse 4	12.86	12.17	11.55	7.99	7.56	7.18

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