

Mahindra
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TRACTORS

OPERATOR'S MANUAL

2665 SHUTTLE CAB



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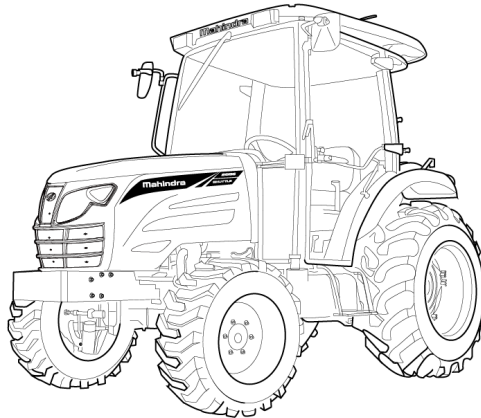
Damage of the ROPS

If the tractor has rolled over or the ROPS has been damaged (such as striking an overhead object during transport).

It must be replaced to provide the original protection.

After an accident, check for damages to the 1.ROPS. 2.seat 3.seat belt & seat mountings.

Before you operate a Tractor, replace all damaged parts.



(CABIN type)

DO NOT WELD, DRILL OR STRAIGHTEN THE ROPS



Warning

Never attach chains or, ropes to the ROPS for pulling purposes; this will cause the Tractor to tip backwards. Always pull from the Tractor drawbar. Be careful when driving through door openings or under low overhead objects. Make sure there is sufficient overhead clearance for the ROPS to avoid fatal injuries.



Warning

If the ROPS is removed or replaced, make certain that the proper hardware is used to replace the ROPS and the recommended torque values are applied to the attaching bolts.



Warning

Always wear your seat belt if the tractor is equipped with ROPS.

The following precautions are suggested to help prevent accidents.

A careful operator is the best operator.

Most accidents can be avoided by observing certain precautions.

Read and take the following precautions before operating the Tractor to prevent accidents.

Tractors should be operated only by those who are responsible and properly trained to do so.

■ The Tractor

1. Read the operator's manual carefully before using the tractor.

Lack of operating knowledge can lead to accidents.

2. Use an approved rollover bar and seat belt for safe operation.

Overturning of a tractor without a rollover bar can result in death or injury.

3. Do not remove ROPS (Roll Over Protective Structure).

Always use the seat belt.

4. A fiberglass canopy does not give any protection.

5. To prevent falls, keep steps and platform clear of mud and oil.

6. Do not permit anyone but the operator to ride on the Tractor.

There is no safe place for extra riders.

7. Replace all missing, illegible or damaged safety signs.

8. Keep safety signs clean of dirt and grease

■ Servicing the Tractor

1. Keep the tractor in good operating condition for your safety.

An improperly maintained Tractor can be hazardous.

2. Stop the engine before performing any service on the tractor.

3. The cooling system operates under pressure, which is controlled by the radiator cap.

It is dangerous to remove the cap while the system is hot.

First turn the cap slowly to stop and allow the pressure to escape before removing the cap entirely.

4. Do not smoke when refueling the tractor. Keep away any type of open flame.

5. The fuel in the injection system is under high pressure and can penetrate the skin.

Unqualified persons should not remove or attempt to adjust a pump, injector, nozzle or any part of the fuel injection system.

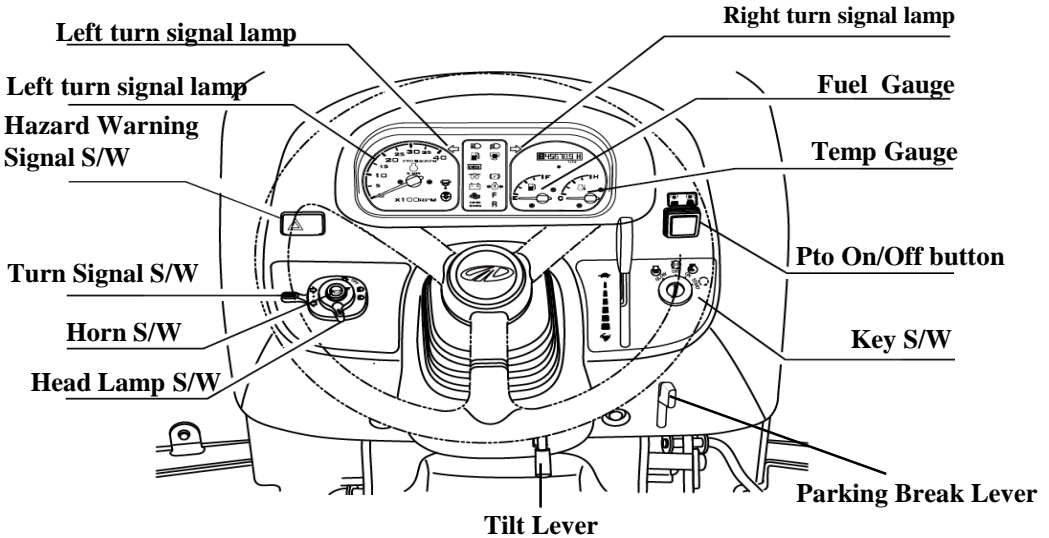
Failure to follow these instructions can result in serious injury.

6. Keep open flame away from the battery or cold weather starting aids to prevent fire or explosions.

7. Do not modify or alter or permit anyone else to modify or alter this tractor or any of its components or any tractor functions.

DESCRIPTION OF TRACTOR CONTROLS

INSTRUMENT AND SWITCHES



► MAIN SWITCH (KEY SWITCH)

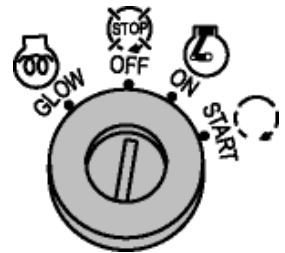
[OFF] - The key can be inserted or removed

[ON] - The electric circuit is on & preheat function

[START] - The starter motor is engaged.

When the key is released it will return to the ON position

[GLOW] - Glow plugs preheat the combustion chamber



► HEAD LAMP, TURN SIGNAL SWITCH AND HORN

■ HEAD LAMP SWITCH

High and low beam are operated on the main switch

Position ①. Low beam

Position ②. High beam

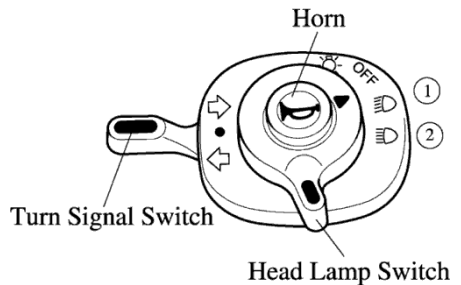
■ TURN SIGNAL SWITCH

Pull the turn signal lever down to signal a left turn.

Push the turn signal lever up to signal a right turn.

■ HORN

Push the Red button.





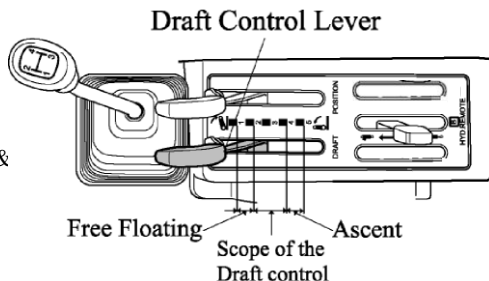
Warning

After finishing the work, always lower the implement to the ground and switch off the engine, Set the parking brake to avoid injuries and accidents .

► DRAFT CONTROL LEVER

Soil engaging implements can be set for precision work by using draft control.

By mounting the lever forward, the depth increases & by moving the lever backwards the depth decreases.



► LOWERING SPEED CONTROL KNOB FOR THE 3 POINT HITCH

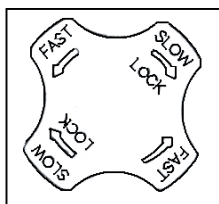
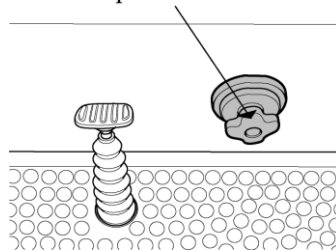
This knob controls the downward speed of the Hydraulic's three point linkage and is positioned at the front of the driver's seat.

To slow the downward speed- Turn the knob clockwise.

To increase the downward speed, turn the knob counterclockwise.
To lock the knob, turn clockwise.

Do not over tighten the knob.

Adjusting Knob of Hydraulic decent Speed



Caution

Always set the knob to lock when

1. Traveling on the road
2. Replacing tires or blades on an implement.
3. Making adjustments to an implement. Sudden dropping of an implement due to hydraulic problems can cause serious injury or death.

► **FUEL GAUGE.**

To avoid excessive condensation in the fuel tank, refill at the end of each day's work and ensure during the day that it does not drop to a low level where the fuel system will require bleeding to expel air in the system after refilling the tank.

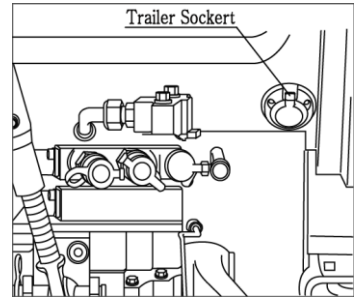



► **ENGINE COOLING WATER.**

If the gauge indicates that the engine is running hot, stop the tractor and check the coolant in the radiator.


► **TRAILER SOCKET** (Seven Terminal Electrical Socket type)


To operate the Electrical system of implements, trailer lighting, warning lamp etc.



 Danger	Allow the engine to cool down before opening the radiator as serious burns may result due to hot steam & boiling water.
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Also check to ensure that the fins in the radiator core are not clogged or that the tractor has a broken or stretched fan belt.

 Caution	When traveling on public or farm roads connect both brake pedals and allow for the weight of any mounted implement to ensure that the unit is not unbalanced. Also allow for the width when passing other road users. Where fitted, use the hazard lights provided. Strictly follow the local traffic regulations.
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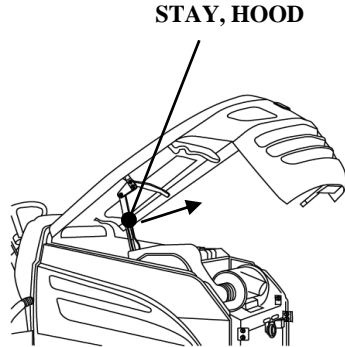
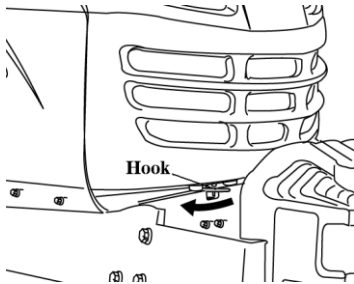
 Caution	When operating near others with an implement attached take particular care to allow for the width of the implement and avoid accidents.
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► **RECOMMENDED TRANSMISSION OIL**

① MAHINDRA UNIVERSAL TRACTOR FLUID

Opening method of each cover

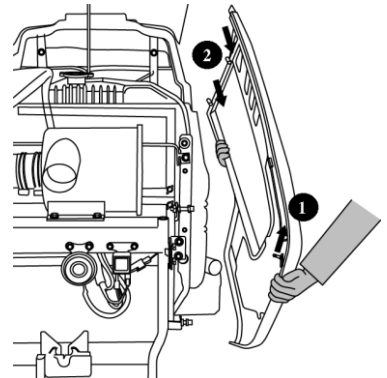
► **Opening method of Hood**



► **Opening the Side cover**

To open, grasp the side cover, Pull the forward panel upward to separate from guide support pin (1),.

And pull the side panel forward again.,



► **FUEL**

Use clean diesel fuel only



Important

As diesel fuel equipment is susceptible to contamination by dust or water, ensure that all dust and water is kept well away from the fuel tank.

► BATTERY MAINTENANCE

Low temperatures will affect the performance of batteries so take particular care of it in winter.

For long-term storage of the tractor remove the battery and keep it in a cool dry room.

If it is on the tractor while stored, disconnect the negative terminal.

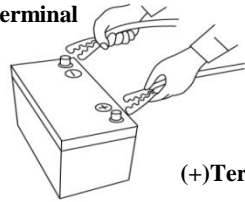
Batteries will self discharge if left for a period of without use time.

To keep them in good condition charge them once a month in summer and every second month in winter.

When replacing the original battery, ensure that the replacement battery is the same size.

Failure to do so can cause problems with the electrical circuit.

(-)Terminal



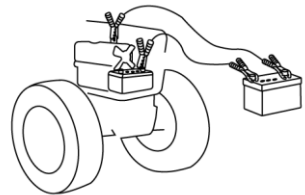
(+)Terminal

► BATTERY CHARGING

-A boost charge is only for emergencies. It will partially charge the battery at a high rate and in a short time.

-When using a boost-charged battery, it is necessary to recharge the battery as early as possible.

Failure to do this will shorten the battery's service life.



Caution

Always disconnect the negative terminal first when removing the battery and always connect the positive terminal first when fitting the battery.

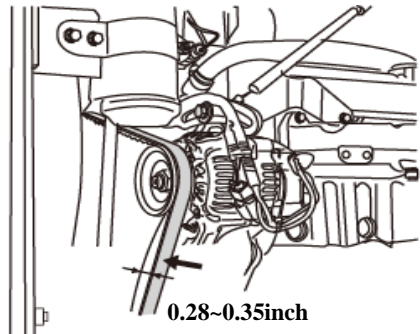
When connecting the battery leads, make sure not to reverse the polarity.

Quick charging will reduce battery life.

Disconnect the terminals prior to charging the battery to avoid damage to the circuit and electrical instruments.

FAN BELT ADJUSTMENT

1. Loosen the alternator pivot bolt.
2. Move the alternator in order to increase or decrease the belt tension. Tighten the alternator pivot bolt and the link bolt to 22 N.m (16 lb ft)(1)



HEATING SYSTEM

General description

The heater is switched on and adjusted by rotating the control knob on the roof console, then switching on the blower and setting the selector to the preferred speed .

To warm the cab up quickly, the knob should be rotated fully clockwise and the blower set to speed 3.

The screen is demisted or defrosted by air directed through a slot vent .

For defrost or fast demist, all other vents should be closed off.

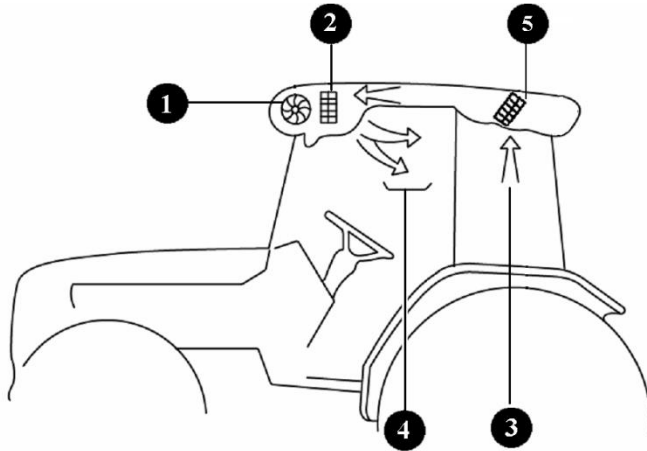
IMPORTANT:

Ventilation is provided by a single blower unit serving both the heating system and the air conditioning system.

After reaching the desired temperature adjust the system to suit your needs.

NOTE:

-For ideal system operation, the engine must run at 1000 rpm



1. Speed heating fan
2. Electric resistances
3. Recirculation inlets
4. Pivotal air diffuser
5. Air filter



Warning

Before starting the engine, make sure the system is off (by turning off the ventilation fan) so as not to overload the battery.

After the system is at full power for a long period of time, never turn it off suddenly but let it first idle for about 20 seconds.

MODEL		2665Shuttle Cab		
Clutch	Main	Dry single disc mechanic		
	PTO	Multiple wet disk		
Dimensions	Overall length (inch/ mm)	136.8(3.475)		
	Overall width (inch/ mm)	68.3(1.735)		
	Overall Height (inch/ mm)	99.6(2.530)		
	Wheel base (inch/ mm) (Distance between shafts)	83.0(2.110)		
	Min. Ground Clearance inch(mm)	15.4(392)		
	TYPE	DIVISION	TYRE	TREAD (inch)
	AG	FRONT	9.5-20 Hi Trac Lug	60.9
		REAR	14.9-28 Hi Trac Lug	55.2
	IND	FRONT	10.5-80-18 Contractor	63.2
		REAR	18.4-24 Industrial Tractor	54.5
Axle type	Front	Center pin		
	Rear	Central axle		

Implement	Operation	Hydraulic
	Mounting method	3-Point hitch
	Drawing method	Trailer hitch
	3-Point hitch category	Category 2
	Hydraulic-control	Position / Draft

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