DCX101 Disc Mower-Conditioner

Operator's Manual

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CASE IH

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UNIVERSAL SYMBOLS

As a guide to the operation of your tractor, various universal symbols have been utilized on the instruments, controls, switches, and fuse box. The symbols are shown below with an indication of their meaning.


Thermostart starting aid


Alternator charge


Fuel level


Automatic Fuel shut-off


Engine speed (rev/min x 100)


Hours recorded


Engine oil pressure


Engine coolant temperature


Coolant level


Tractor lights


Headlamp main beam


Headlamp dipped beam


Work lamps

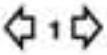

Stop lamps


Horn

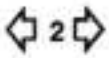

Radio

KAM
Keep alive memory


Turn signals



Turn signals -one trailer



Turn signals -two trailers


Front wind-screen wash/wipe


Rear wind-screen wash/wipe


Heater temp-erature control


Heater fan


Air conditioner


Air filter blocked


Parking brake


Brake fluid level


Trailer brake


Roof beacon


Warning! Corrosive substance


P.T.O.

N
Transmission in neutral


Creeper gears


Slow or low setting


Fast or high setting


Ground speed


Differential lock


Rear axle oil tem-perature


Transmission oil pressure


FWD engaged


FWD disengaged

Warning!

Hazard warning lights

Variable control

Pressurized! Open carefully

Position Control

Draft Control

Accessory socket

Implement socket

%age slip

Hitch raise (rear)

Hitch lower (rear)

Hitch height limit (rear)

Hitch height limit (front)

Hitch disabled

Hydraulic and transmission filters

Remote valve extend

Remote valve retract

Remote valve float

Malfunction! See Operator's Manual

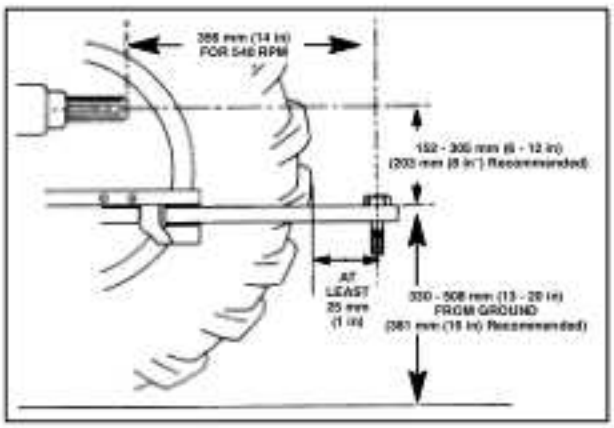
Malfunction! (alternative symbol) See Operator's Manual

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TRACTOR DRAWBAR DIMENSIONS

Be sure the drawbar is adjusted to meet the ASAE standard specifications. (See Figure 10 and Figure 11).

On 540 rpm machines, the distance from the end of the tractor PTO shaft to the center of the drawbar hitch pin must be 356 mm (14 in).



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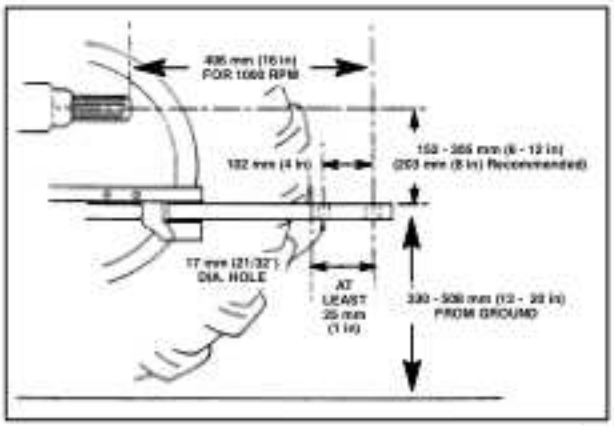
On 1000 rpm machines, the distance from the end of the tractor PTO shaft to the center of the drawbar hitch pin must be 406 mm (16 in).

NOTE: *Using a tractor with nonstandard PTO-to-hitch dimension can damage the front PTO and, or the tractor PTO drive line.*

NOTE: *Ideally the top of the tractor drawbar should be 483 mm (19 in) above the ground. A low or high drawbar will affect the driveline angle, header flotation and cutter bar angle.*

IMPORTANT: *Do not offset the drawbar from center or PTO damage will occur. Locate the drawbar directly below the PTO shaft. Clamp the drawbar so it cannot be moved from side to side.*

IMPORTANT: *If the tractor has a three-point hitch, raise the lower links as high as possible, lower as low as possible, or remove them, to prevent them from hitting the tongue and PTO shaft when turning.*



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SECTION 3
LUBRICATION

Adequate lubrication and maintenance on a regular schedule is vital to maintaining your equipment. To ensure long service and efficient operation, follow the lubrication and maintenance schedules outlined in this manual. The use of proper fuels, oils, grease and filters, as well as keeping the systems clean, will also extend machine and component life.

IMPORTANT: *Always use genuine* ***Case IH*** *replacement parts, oils and filters to ensure proper operation, filtration of engine and hydraulic systems. See your* ***Case IH*** *dealer for additional oil quantities.*

GENERAL INFORMATION

Regular lubrication is the best insurance against delays and repairs. Proper lubrication will extend machine life. Refer to the following charts for lubricants and service intervals.

IMPORTANT: *Failure to complete the required maintenance at the recommended intervals can cause unnecessary downtime.*

The intervals listed in the Lubrication Chart are guidelines to be used when operating in normal conditions. Adjust the intervals for operating in adverse environmental and working conditions. The intervals must be shortened for sandy, dusty and extremely hot operating conditions.

⚠ WARNING ⚠

Observe these safety precautions before performing lubrication and maintenance.

1. **Shut off engine.**
2. **Disengage all drives.**
3. **Lower all attachments to the ground or raise and engage all locks.**
4. **Close all shields opened and reinstall any shields removed for lubrication and maintenance proposes.**

Failure to comply could result in death or serious injury.

⚠ WARNING ⚠

Some illustrations in this manual show shields opened or removed to show areas being serviced. Replace all shields before operating this machine. Failure to comply could result in death or serious injury.

Always clean the area around dipsticks, fill caps, and check plugs when checking fluid levels. Failure to clean these areas may allow contamination to enter the system. Drain, flush and refill the system anytime you suspect it is contaminated.

Grease Fittings

Wipe dirt from fittings before greasing.

Pump fresh grease into fitting to adequately lubricate the component and force out any contamination from the grease passage.

Wipe off excess grease.

Use a grease gun containing clean high grade of multipurpose grease.

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