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C50, C60, C70, C80, C90 and C100 Tractors

Don 9-80301

NOTE: This manual replaces Don 9-80300

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⚠ SAFETY ⚠

Before operating, read and comply with the operators manual and safety instructions.

Understand that your safety and the safety of other persons is measured by how you service, and operate this machine. Know the positions and operations of all controls before you try to operate. MAKE SURE YOU CHECK ALL CONTROLS IN A SAFE AREA BEFORE STARTING YOUR WORK.

READ THIS MANUAL COMPLETELY and make sure you understand the controls. All equipment has a limit. Make sure you understand the speed, brakes, steering, stability, and load characteristics of this machine before you start to operate.

The safety information given in this manual does not replace safety codes, insurance needs, federal, state and local laws. Make sure your machine has the correct equipment needed by the local laws and regulations.

CASE is continuing to work for your safety: by making tractors with better protection and by giving these rules for safe operation.

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THIS SAFETY ALERT SYMBOL INDICATES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. WHEN YOU SEE THIS SYMBOL CAREFULLY READ THE MESSAGE THAT FOLLOWS AND BE ALERT TO THE POSSIBILITY OF PERSONAL INJURY OR DEATH. M171B

INTENDED USE

This Case tractor is designed solely for use in customary agricultural or similar operation (intended use).

Use in any other way is considered as contrary to the intended use. The manufacturer accepts no liability for any damage or injury resulting from this misuse and these risks must be born solely by the user.

Compliance with and strict adherence to the conditions of operation, service and repair as specified by the manufacturer also constitutes essential elements for the intended use.

This Case tractor should be operated, serviced and repaired only by persons familiar with all its particular characteristics and acquainted with the relevant safety rules (accident prevention).

The accident prevention regulations, all other generally recognized regulations on safety and occupational medicine and the road traffic regulations must be observed at all times.

Any arbitrary modifications carried out on the tractor will relieve the manufacturer of all liability for any resulting damage or injury.

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Pedals and Levers



DP97D128

1. THROTTLE LEVER - To increase engine speed, move the lever rearward. To decrease engine speed move lever forward.

2. BRAKE PEDALS LOCK - Use the brake pedals lock to connect the brake pedals together so that both pedals can be operated at the same time.

> **WARNING:** Brake pedals must be locked together for road travel. This will ensure uniform brake operation and maximum stopping ability. M112

> **WARNING:** Extra weight and bad traction conditions such as mud or ice increase your stopping distance. Remember that liquid in the tires, weights on the machine or wheels, tanks filled with fertilizer, herbicides or insecticides - all these add weight and increase the distance you need in which to stop. M113

3. BRAKE PEDALS - The left brake pedal stops the left rear wheel and the right brake pedal stops the right rear wheel. For off road operation the pedals can be used individually to assist turning. For operation on roads, lock the brake pedals together using the brake pedals lock (See item 2).

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INSTRUMENTS/CONTROLS

TRACTOR ACCESS

WARNING: Jumping on or off the machine can cause an injury. Always face the machine, use the hand rails and steps, and get on or off the machine slowly. Maintain a three point contact to avoid falling. Both hands on the hand rails and one foot on the step or one hand on the hand rail and both feet on the steps. M516



DP97F109

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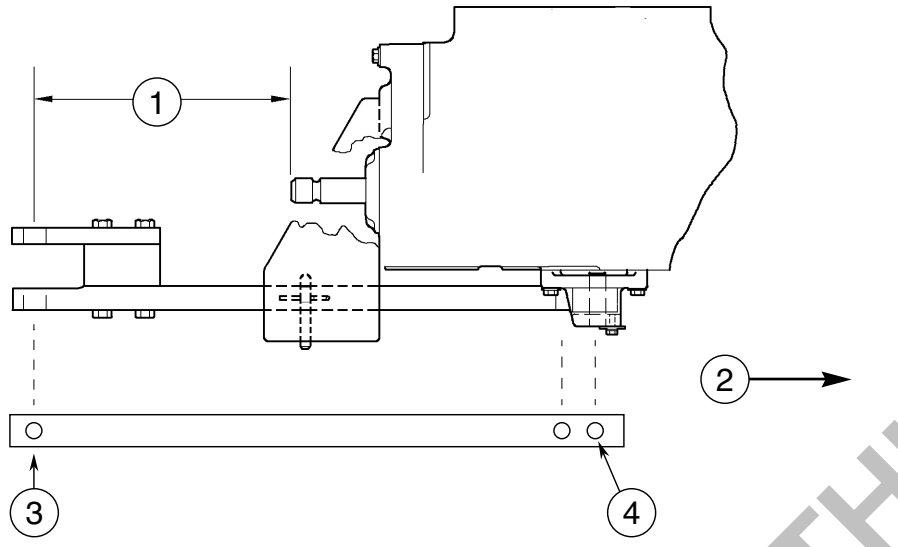
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Drawbar Position for Shiftable PTO Operation



DH97B036

1. DISTANCE OF 410 mm (16.1 inch) FROM END OF PTO SHAFT TO CENTER OF IMPLEMENT ATTACHMENT PIN HOLE
2. FRONT OF TRACTOR
3. IMPLEMENT ATTACHMENT PIN HOLE
4. PIVOT PIN THROUGH FRONT HOLE

MAXIMUM VERTICAL LOAD STANDARD DRAWBAR	794 kg (1750 lb)
MAXIMUM VERTICAL LOAD HEAVY DUTY DRAWBAR	1070 kg (2360 lb)

NOTE: For non PTO work the drawbar can be set in either of the two front holes (item 4) depending on maximum vertical load required.

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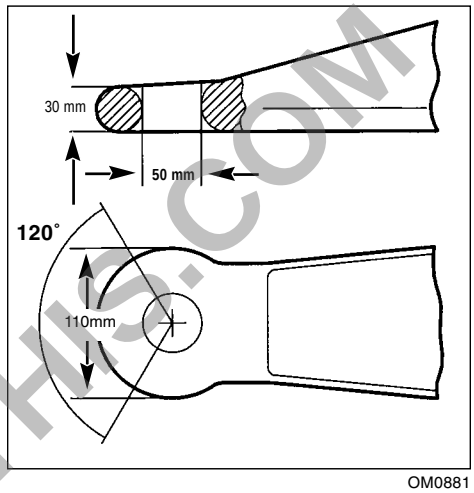
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TRAILER/IMPLEMENT TOWING EYE DIMENSIONS

A) For Piton-Fixe, Auto Hitch (B.S.2) and Swinging Drawbar

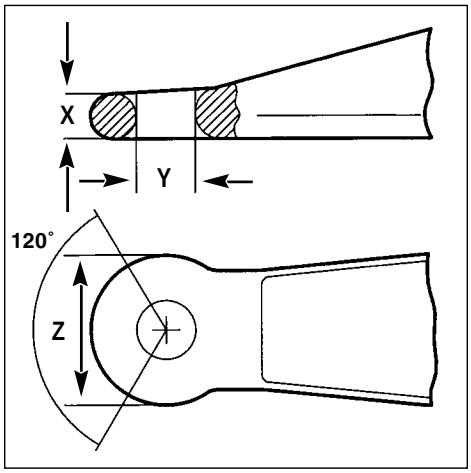
When using a Piton-Fixe, Auto Hitch or swinging Drawbar, the trailer/ implement drawbar must be to ISO 5692 standard dimensions. If any other drawbar is used, damage to your tractor can/will occur.



OM0881

B) Manual and Automatic Clevis Type Trailer Hitches - (EURO Clevis)

When using a manual or automatic clevis type trailer hitch, the trailer/ implement drawbar must be to DIN 74054, DIN 74053, DIN 11043, DIN 11026 or ISO 5692 standard dimensions. If any other drawbar is used, damage to your tractor can/will occur.



OM0881

	X (mm)	Y (mm)	Z (mm)
DIN 74053	45	50	115
DIN 74054	30	40	100
DIN 11026	42	40	100
DIN 11043	32	40	100
ISO 5692	30	50	110

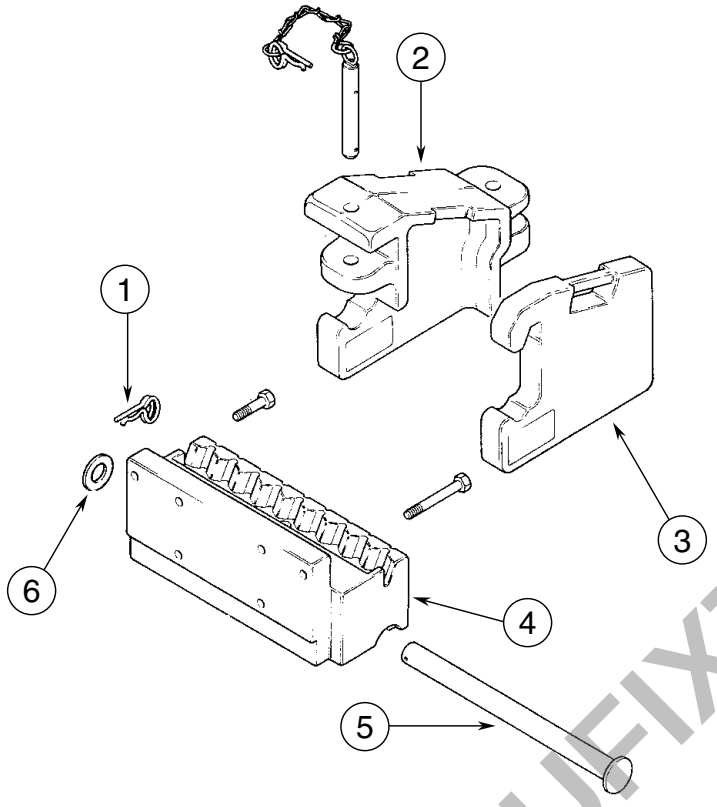
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DS97C093

1. SPRING CLIP
2. CLEVIS WEIGHT - 82 kg (181 lb)
3. WEIGHT - 47 kg (104 lb)
4. WEIGHT BRACKET - 94 kg (207 lb)
5. RETAINING TUBE
6. WASHER

Total Weight Added

Weight/Bracket and 9 Weights ..... 517 kg (1140 lb)

Weight/Bracket and 7 Weights ..... 423 kg (933 lb)

Weight/Bracket and 5 Weights ..... 329 kg (725 lb)

Weight/Bracket, 6 Weights and Clevis Weight ..... 458 kg (1010 lb)

Weight/Bracket, 4 Weights and Clevis Weight ..... 364 kg (803 lb)

Weight/Bracket, 2 Weights and Clevis Weight ..... 270 kg (595 lb)

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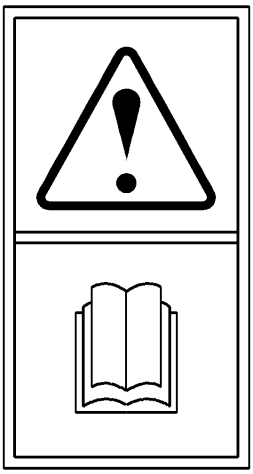
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DECAL 1 - Part No. 249809A1



DI96K246

READ YOUR OPERATORS MANUAL

DECAL 3 - Part No. 249806A1



DI96K246

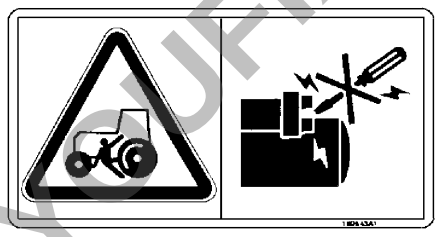
DO NOT RIDE

DECAL 2 - Part No. 243007A1



DS97A079

DECAL 4 - Part No. 180543A1



DP98D002

ONLY START THE ENGINE FROM THE OPERATORS SEAT

(LOCATED ON STARTER MOTOR)

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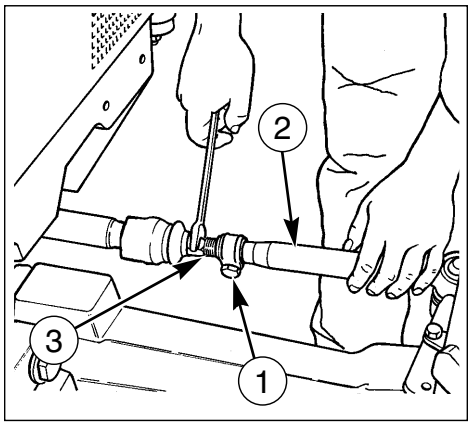
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Mechanical Front Drive



PH003

STEP 1

Loosen the clamp bolts (1), one each side to free the tie rod tubes (2).

STEP 2

Turn the adjusting rods (3), at each side, an equal amount to increase or decrease the length.

STEP 3

Tighten the clamp bolts and check the toe-in.

STEP 4

Once the correct toe-in has been achieved, make sure the tie rod ball joints are central, then tighten the clamp bolts.

IMPORTANT: Make sure the tires do not contact the steering cylinder when on full lock.

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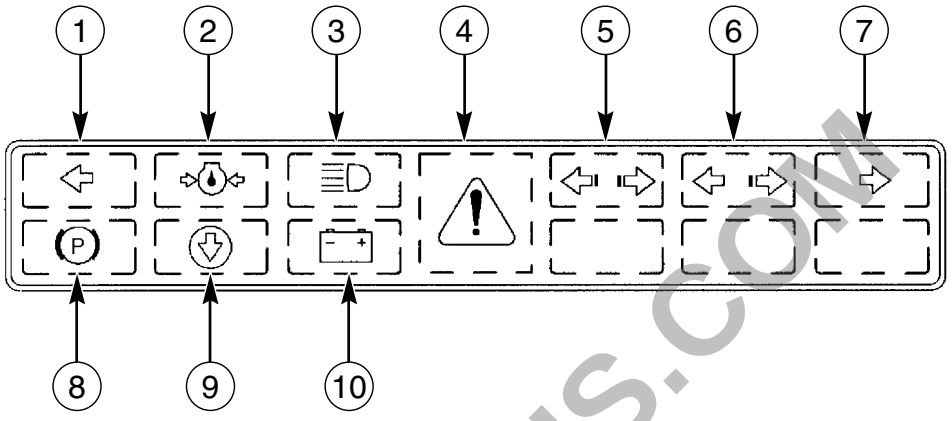
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Indicator Lamps



DS97D017

1. TRACTOR LH TURN INDICATOR LAMP - This green lamp will flash when indicating a left turn.

2. LOW ENGINE OIL PRESSURE LAMP - This red lamp will illuminate when the key switch is turned to the ON or START positions, or if the engine oil pressure falls below the normal operating pressure when the engine is running. If the lamp illuminates while the engine is running, STOP THE ENGINE AND CHECK FOR THE CAUSE.

3. HEADLAMP MAIN BEAM INDICATOR LAMP - This blue lamp will be illuminated when the headlamps are switched on to high beam.

4. MASTER WARNING LAMP - This amber lamp will flash; when the key switch is turned to ON or START; if the park brake is engaged; if the engine oil pressure is low; if the coolant level is low or coolant temperature is too high

5. 1st TRAILER TURN INDICATOR LAMP - This green lamp will flash when indicating a turn with a single trailer attached, which is equipped with turn signal lamps.

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