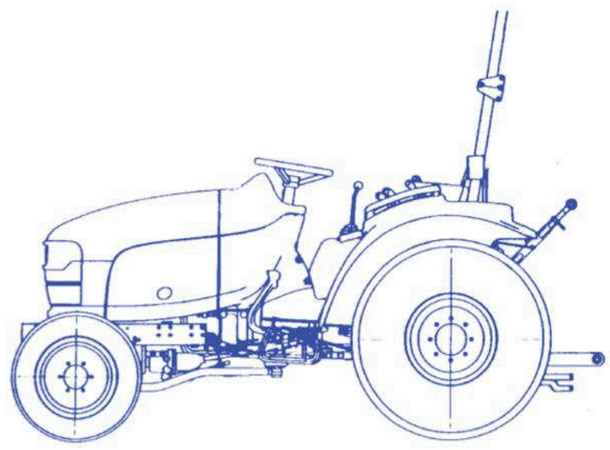
NEW HOLLAND

TC25D
TC29D
TC33D

(Replaces All Previous Issues)

OPERATOR'S MANUAL



86587311 1/99

NEW HOLLAND

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CONTENTS

SAFETY 0-4
SECTION 1 - GENERAL INFORMATION 1-1
SECTION 2 - OPERATION 2-1
SECTION 3 - LUBRICATION AND MAINTENANCE 3-1
SECTION 4 - SPECIFICATIONS 4-1
INDEX 4-10
PREDELIVERY SERVICE 4-13

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BRAKE CONTROLS

Brake Pedals

The right brake pedal controls the braking action of the right rear wheel. The left brake pedal controls the left rear wheel brake.

Depress both pedals, 1, simultaneously to stop the tractor. To assist in making sharp turns at slow speed, depress the right or left brake pedal as required.

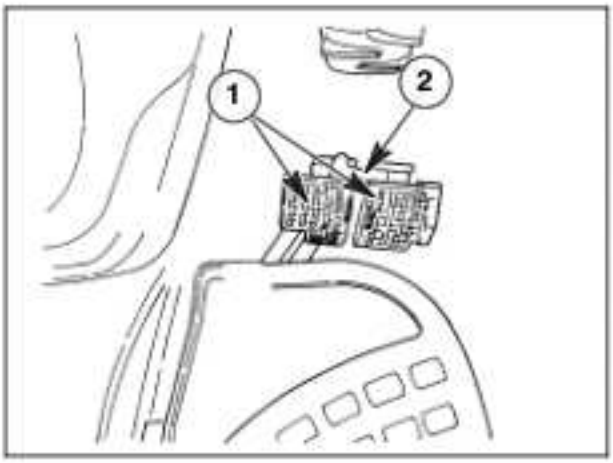


Figure 2-14

WARNING: WHEN OPERATING THE TRACTOR AT HIGH SPEEDS, NEVER ATTEMPT TO MAKE SHARP TURNS BY USING THE BRAKES.

Brake Pedal Lock

The brake pedal lock, 2, is used to secure the brake pedals together. Lock the pedals together, as shown in the illustration at right, whenever the tractor is operated at high speeds or when the tractor is used on the highway.

Parking Brake Control

The parking brake, Figure 2-15, is used to lock the brake pedals in the applied position. Use the parking brake whenever the tractor is parked or when the operator is out of the seat.

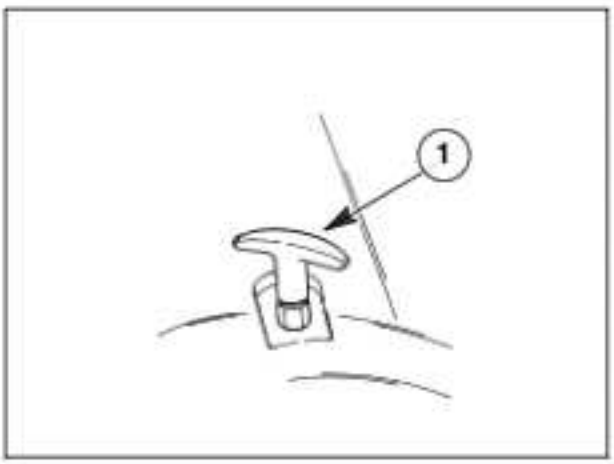


Figure 2-15

To apply the parking brake:

1. Lock the brake pedals together using the brake pedal lock.
2. Depress both brake pedals.
3. Pull up on the "T" park brake handle, 1, and both brake pedals will remain in the applied position.

To release the parking brake:

1. Depress the brake pedals to release the retainer.
2. Unlock the brake pedals if operating conditions require independent rear wheel braking action.

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CAST IRON WEIGHTS (OPTIONAL)

Cast iron weights are available as accessories from your New Holland Dealer. Weights can be mounted on the front end of the tractor and on the rearmost wheels.

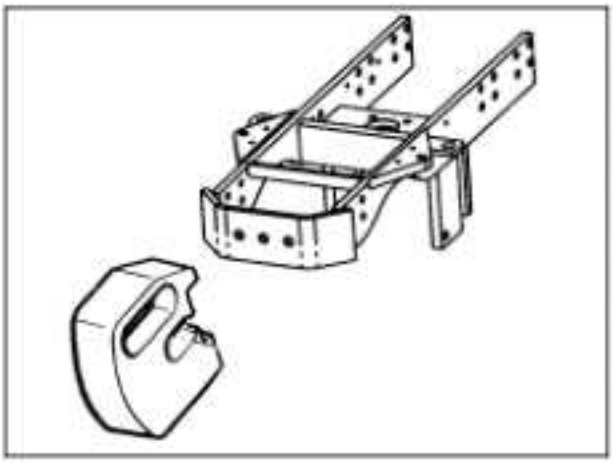


Figure 2-40

Front Weights

Tire Type	Weight(s)
Agricultural, Turf, & Industrial	Maximum of (2) weights per tractor @ 26 kg (57 lbs.) each—52 kg (114 lbs.) total Optional: (2) weights @ 45 kg (100 lbs.) each - 90 kg (200 lbs.) total
Agricultural with Super Steer™	Only (1) 26 kg (57 lb.) weight Optional: Only (1) 45 kg (100 lb.) weight

Rear Wheel Weights

Tire Type	Weight(s)
Agricultural	Maximum of (2) weights per wheel @ 48 kg (105 lbs.) each—191 kg (420 lbs.) total per wheel
Turf	Not Available
Industrial (R4)	Maximum of (2) weights per wheel @ 34 kg (75 lbs.) each—136 kg (300 lbs.) total per wheel

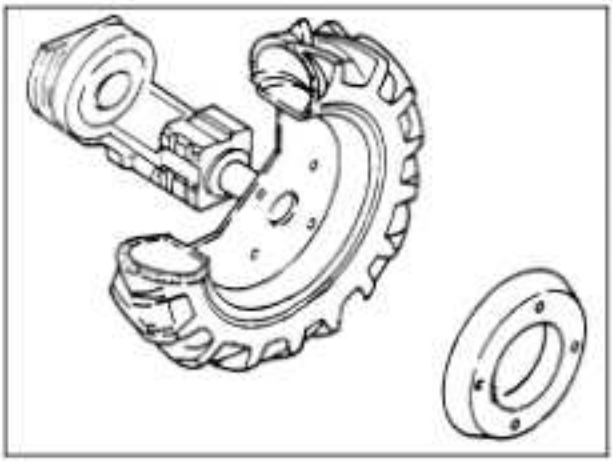


Figure 2-41

NOTE: Rear wheel weights can be used with liquid ballast.

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2. Next, place a container below the oil filter, 1, to catch the used oil and unscrew the oil filter. Discard the used oil and filter.
3. Coat the gasket on the new filter with a film of clean oil. Screw the filter into place until the gasket contacts its mating surface, then turn the filter approximately three-quarters of a turn by hand. Do not overtighten.
4. Add the proper type and level of new oil, then start the engine and check the filter for leaks.

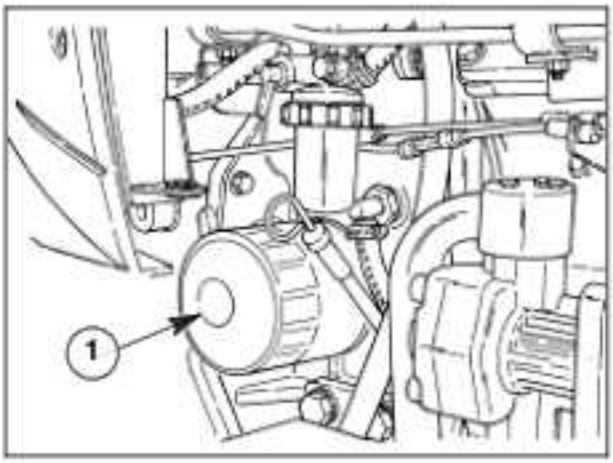


Figure 3-8

Recommended Oils

Ambient Temp (°F)	Recommended Oil
+ 40-120°	SAE 30W
+ 10-120°	SAE 15W-40
- 10-120°	SAE 10W-30
- 20-60°	SAE 5W-30
NOTE: Tractors are originally shipped with 10W-30 oil.	

FUEL FILTER

Draining the Fuel Filter

NOTE: The fuel filter should be drained after every 100 hours of operation.

1. Make sure there is adequate fuel in the fuel tank and close the fuel shutoff valve, 1 (the handle should be pointing to the "C" position). Remove the fuel sediment bowl, 2.
2. Open the fuel shutoff valve until all water has been removed and only fuel flows from the filter base.
3. Install the fuel sediment bowl and bleed the system as outlined in "Bleeding the Fuel System."

NOTE: Valve is shown in open position.

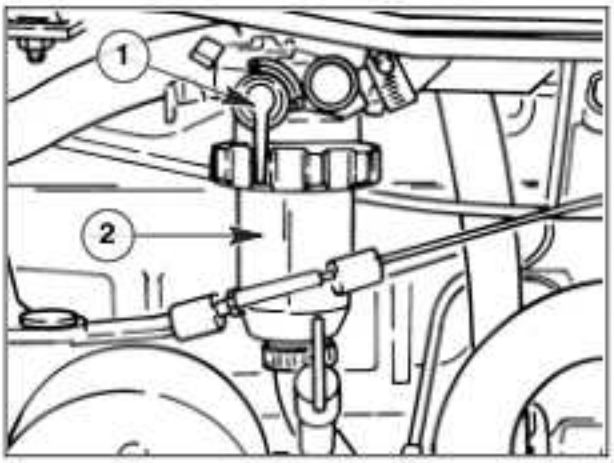


Figure 3-9

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Publication Information

WARNING

This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions documentation, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to subpart J of part 15 of FCC rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user, at his own expense, will be required to correct the interference.

DANGER: Cet équipement génère, utilise et peut émettre des fréquences radio, et, s'il n'est pas installé et utilisé selon les recommandations du manuel d'instructions, peut causer des interférences aux communications radio. Il a été testé et jugé conforme aux limites des systèmes de catégorie A, conformément à la partie 15 de l'alinéa J des règlements FCC, établis pour protéger contre de telles interférences pendant le fonctionnement en milieu commercial. Dans une zone résidentielle, il peut causer des interférences; dans ce cas, l'utilisateur devra corriger le problème à ses propres frais.

Introduction

Introduction

WARNING

The DocuColor 12/DCCS50 contains an invisible laser. There is no visual indication that the laser beam is present. During servicing, the DocuColor 12/DCCS50 is a Class 3B product because of the invisible laser. the laser beam could cause eye damage if looked at directly. Service procedures must be followed exactly as written without change. The service representative must observe the established local laser safety precautions when servicing the DocuColor 12/DCCS50. Do not place tools with a reflective surface in the area of the Charge Corotron or the ROS opening. Do not look in the area of the Charge Corotron or the ROS window if the power is On and the laser is energized with the Toner Cartridge Unit removed.

DANGER: DocuColor 12/DCCS50 contient un faisceau laser invisible et aucune indication visible signale la présence du faisceau laser. De ce fait le produit est classé 3B pour tout ce qui concerne la maintenance. L'exposition directe des yeux au faisceau laser peut entrainer des lésions visuelles. Les procédures de maintenance doivent être réalisées sans aucun changement comme indiqué dans la documentation. Le représentant Xerox lors d'interventions sur DocuColor 12/DCCS50 doit respecter les consignes de sécurité locales concernant les faisceaux laser. Ne pas placer d'objet réfléchissant dans la zone du corotron de charge ou de la fenêtre du ROS. Ne pas intervenir dans la zone du corotron de charge ou de la fenêtre du ROS lorsque la machine est sous tension et que le laser est en fonctionnement quand le module cartouche toner est enlevé.

The following symbol and statement appear on a label in the machine when the Toner Cartridge Cover or the Toner Cartridge Unit are removed. The symbol by itself, or the symbol and the statement may also appear in the service documentation and in the training program. When this symbol appears, the service representative is warned that conditions exist that could result in exposure to the laser beam.

DANGER: Ces symboles et instructions sont indiqués sur des étiquettes dans la machine quand la cartouche toner ou le module toner est retiré. Dans la documentation technique et dans le manuel de formation ces informations sont indiquées. Quand ce symbole s'affiche le représentant Xerox est prévenu des risques encourus concernant une exposition au rayon laser.

WARNING

Do not try to bypass any laser interlocks for any reason. Permanent eye damage could result if the laser is accidentally directed into your eye.

DANGER: Ne pas essayer de shunter les contacts de sécurité laser, quelle que soit la raison. Si le faisceau laser est dirigé accidentellement vers les yeux il peut en résulter des lésions oculaires permanentes.

AC and DC Voltage Nomenclature

WARNING

For some installations (typically Xerox Europe), the ACN line may NOT be neutral. It may have power applied. Check local power standards.

DANGER: Lors de certaines installations (particulièrement en Europe), le neutre peut avoir une faible tension (10 à 20 volts). Vérifier l'alimentation client.

3 Image Quality RAPs

Image Quality RAPs

IQ 5 Xerographic Subsystem Checkout Procedure

WARNING

Electrocution Hazard! Do not disconnect the red lead labeled \nC (Charge Supply Wire). This wire carries over 8000VDC.

DANGER: Risque d'électrocution! Ne pas déconnecter le fil rouge identifié \nC (fil d'alimentation de charge). Une tension de plus de 8000 VCC est présente.

IQ 37 Developer Bias HVPS RAP

WARNING

Electrical Shock Hazard. In the following procedure, high DC voltage circuits will be tested. Use extreme caution when testing these circuits. Do not touch the multimeter or the meter leads while testing the circuits.

DANGER: Risque de choc électrique. Dans la procédure suivante, des circuits de haute tension CC doivent être testés. Faire très attention en vérifiant ces circuits. Ne pas toucher le multimètre ou ses fils pendant les tests des circuits.

IQ 38 Charge Corotron HVPS RAP

WARNING

Electrical Shock Hazard. In the following procedure, high DC voltage circuits will be tested. Use extreme caution when testing these circuits. Do not touch the multimeter or the meter leads while testing the circuits.

DANGER: Risque de choc électrique. Dans la procédure suivante, des circuits de haute tension CC doivent être testés. Faire très attention en vérifiant ces circuits. Ne pas toucher le multimètre ou ses fils pendant les tests des circuits.

IQ 39 Preclean Corotron HVPS RAP

WARNING

Electrical Shock Hazard. In the following procedure, high DC voltage circuits will be tested. Use extreme caution when testing these circuits. Do not touch the multimeter or the meter leads while testing the circuits.

DANGER: Risque de choc électrique. Dans la procédure suivante, des circuits de haute

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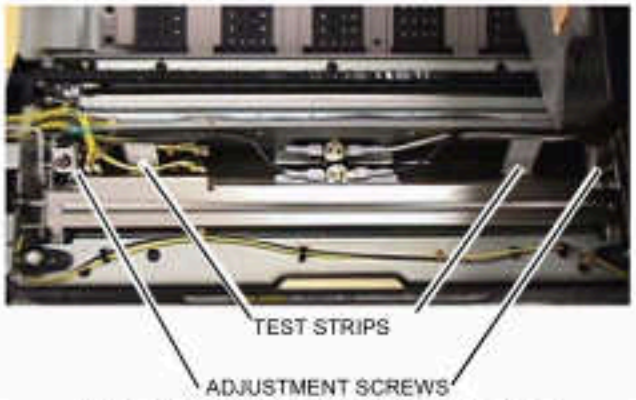


Figure 2 Test Strip/Adjustment Screw locations

10. Close the Copy Drawer. The External Heat Roll Retract Motor will cam and uncam External Heat Roll. This will take approximately 3 seconds.
11. Open the drawer and remove the Test Strips.
12. Unfold the Test Strips slowly and check for a 3mm ± 0.5 fused transfer area on both strips (Figure 3).



Figure 3 Fused Transfer Area

13. If the measurement is not within specification, perform the Adjustment.

Adjustment

NOTE: *If there is no fused transfer area, or if the difference between sides is excessive, preset the height of the External Heat Roll Springs (PL 8.8 Item 18) to 24 mm (Figure 4).*

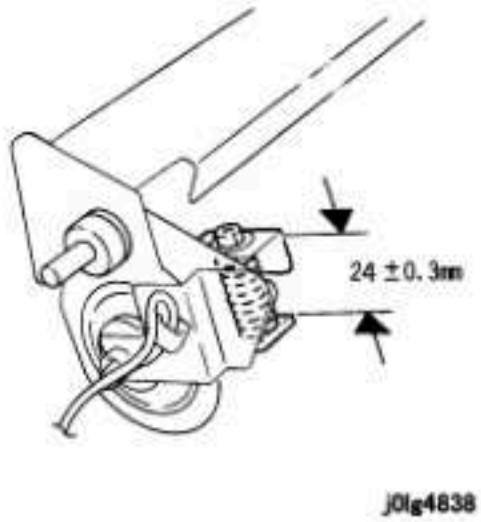


Figure 4 Spring Height

1. Adjust screws (Figure 2) to achieve 3mm ± 0.5 fused transfer area on both strips.
   - To increase nip turn screw counterclockwise.
   - To decrease nip turn screw clockwise.
2. Repeat Check/Adjustment until nip is within specification.

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