# NEW HOLLAND

# TC31DA
# TC34DA

OPERATOR'S MANUAL



87544698 5/06

NEW HOLLAND

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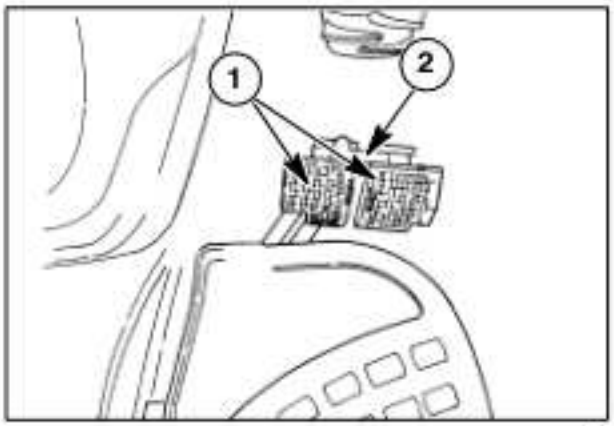
## BRAKE CONTROLS

### 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.

***NOTE:*** *Depressing the left or both brake pedals will disconnect the HST speed control.*




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**⚠ WARNING ⚠**

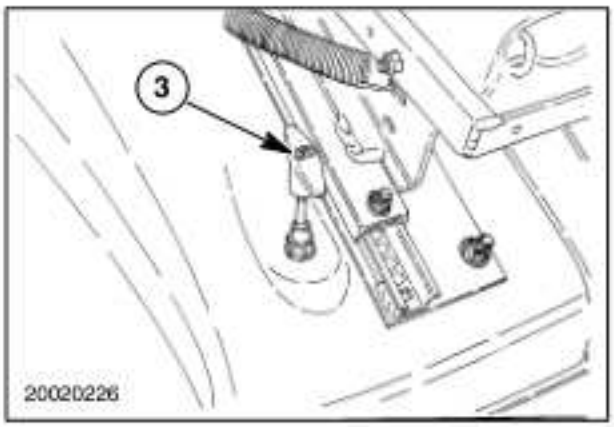
**When operating the tractor at high speeds, never attempt to make sharp turns by using the brakes.**

### 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.

### Park Brake Control

The park brake, 3, Figure 25, is used to lock the brake pedals in the applied position. Use the park brake whenever the tractor is parked or when the operator is out of the seat.




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To apply the park brake:

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

**⚠ WARNING ⚠**

**Verify that the park brake is applied before dismounting the tractor.**

To release the park brake:

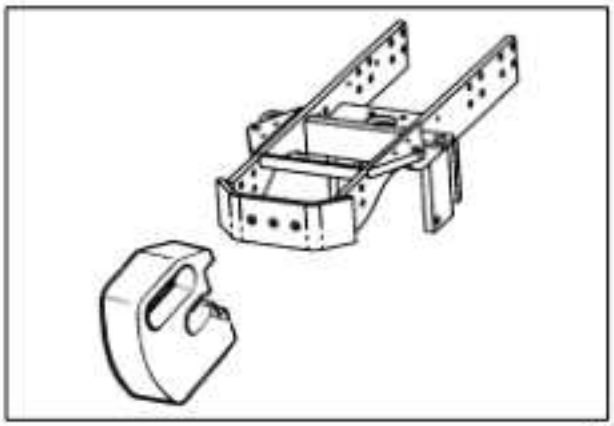
1. Depress the brake pedals to release the retainer.
2. Unlock the brake pedals if operating conditions require independent rear wheel braking action.



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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.



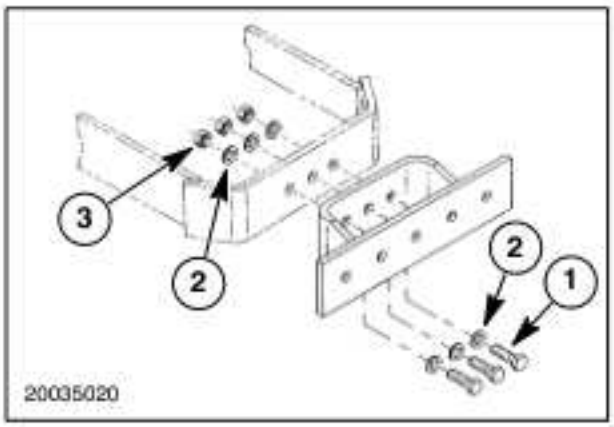
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### Front Weights

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

### Front Weight Carrier Bracket #718233006 (Optional)

An extension mounting bracket is available, which can be installed on the front of the tractor frame. The extension mounting bracket is used if more than two front end weights are needed for counterbalancing. When the extension bracket is installed, a maximum of (5) front weights can be installed.




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Weight options:

(5) 60 lb weights, for a maximum of 300 lb

(5) 100 lb weights, for a maximum of 500 lb

***NOTE:*** *The front extension mounting bracket, is compatible with a front grill guard but not with a 14/15LA loader installed.*

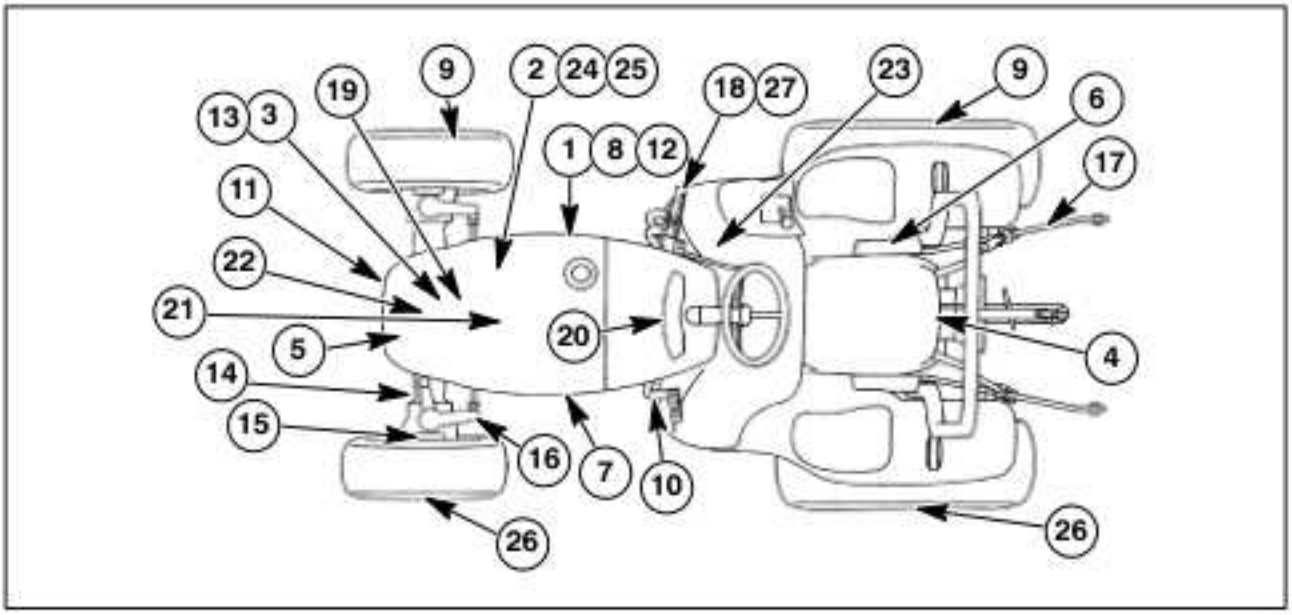
### Extension Bracket (Mounting Hardware)

| Item | Qty. | Description |
|---|---|---|
| 1 | 3 | 5/8 in x 2 hex head bolt |
| 2 | 6 | 5/8 in flat washer |
| 3 | 3 | 5/8 in nut |



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## LUBRICATION AND MAINTENANCE CHART
## NEW HOLLAND TC31DA, TC34DA — FRONT-WHEEL DRIVE




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| NO. | LUBRICATION & MAINTENANCE ITEMS | CHECK | CLEAN | LUBE | CHANGE | ADJUST | SERVICE INTERVALS |
|---|---|---|---|---|---|---|---|
| 1 | Engine Oil Level | X | | | | | Every 10 Hours or Daily |
| 2 | Air Cleaner | X | | | | | |
| 3 | Radiator Coolant | X | | | | | |
| 4 | Transmission Oil Level | X | | | | | |
| 5 | Radiator Fins | | X | | | | |
| 6 | Hydraulic Filter | | | | X | | First 50 Hours |
| 7 | H.S.T. Filter | | | | X | | |
| 1, 8 | Engine Oil & Filter | | | | X | | |
| 9 | Tire Pressure | X | | | | | |
| 12 | Fuel Filter | | | | X | | |
| 26 | Wheel Bolt Torque | X | | | | | |
| — | All Fluid Levels | X | | | | | |
| 27 | Brake Pedal Free Play | X | | | | | |
| 9 | Tires | X | | | | | Every 50 Hours |
| 10 | Clutch Pedal | X | | X | | X | |
| 11 | Battery | X | | | | | |
| 13 | Fan Belt | X | | | | | |
| 14 | Front Axle Oil Level | X | | | | | |
| 15 | Final Reduction Gear Cases Oil Level | X | | | | | |
| 27 | Brake Pedal Free Play | X | | | | | |
| | **Lubrication Fittings:** | | | | | | |
| 16 | Steering Linkage | | | X | | | |
| 17 | 3-Point Linkage | | | X | | | |
| 18 | Brake Pedal | | | X | | | |
| 19 | Power Steering Cylinder | | | X | | | |
| 20 | Pedal Shaft | | | X | | | |
| 21 | Drive Cover Shaft | | | X | | | |
| 22 | Pivot Shaft | | | X | | | |
| 23 | H.S.T. Pedal Pivot | | | X | | | |

| NO. | LUBRICATION & MAINTENANCE ITEMS | CHECK | CLEAN | LUBE | CHANGE | ADJUST | SERVICE INTERVALS |
|---|---|---|---|---|---|---|---|
| 1, 8 | Engine Oil & Filter | | | | X | | Every 100 Hours |
| 2 | Air Cleaner Element | | X | | | | |
| 12 | Fuel Filter | | X | | | | |
| 27 | Brake Pedal Free Play | | | | | X | Every 200 Hours |
| 12 | Fuel Filter Element | | | | X | | |
| 13 | Fan Belt | | | | | X | |
| 26 | Wheel Bolt Torque | X | | | | | |
| 4 | Transmission Oil | | | | X | | Every 300 Hours |
| 6 | Hydraulic Filter | | | | X | | |
| 7 | H.S. T. Filter | | | | X | | |
| 15 | Front Axle Oil | | | | X | | |
| 16 | Final Reduction Gear Cases Oil | | | | X | | |
| 24 | Fuel Injector | X | | | X | X | Every 800 Hours *Refer to Repair Manual |
| 25 | Valve Clearance | X | | | | X | |
| 2 | Air Cleaner Element | | | | X | | Seasonal |
| 3 | Radiator Coolant | | | | X | | |
| 2 | Safety Air Filter Element | | | | X | | Every 3rd Primary Element Change or Every **1000** Hours, Whichever Comes First |



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