ORIGINAL INSTRUCTIONS

OPERATOR'S MANUAL

W110C
Wheel Loader

Part number 47560119
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NEW HOLLAND CONSTRUCTION

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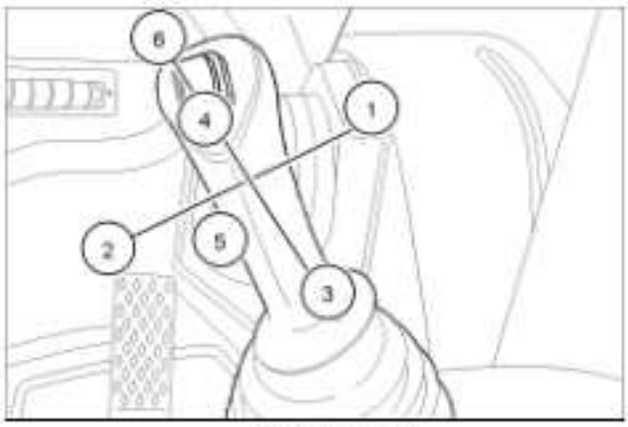
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Control levers

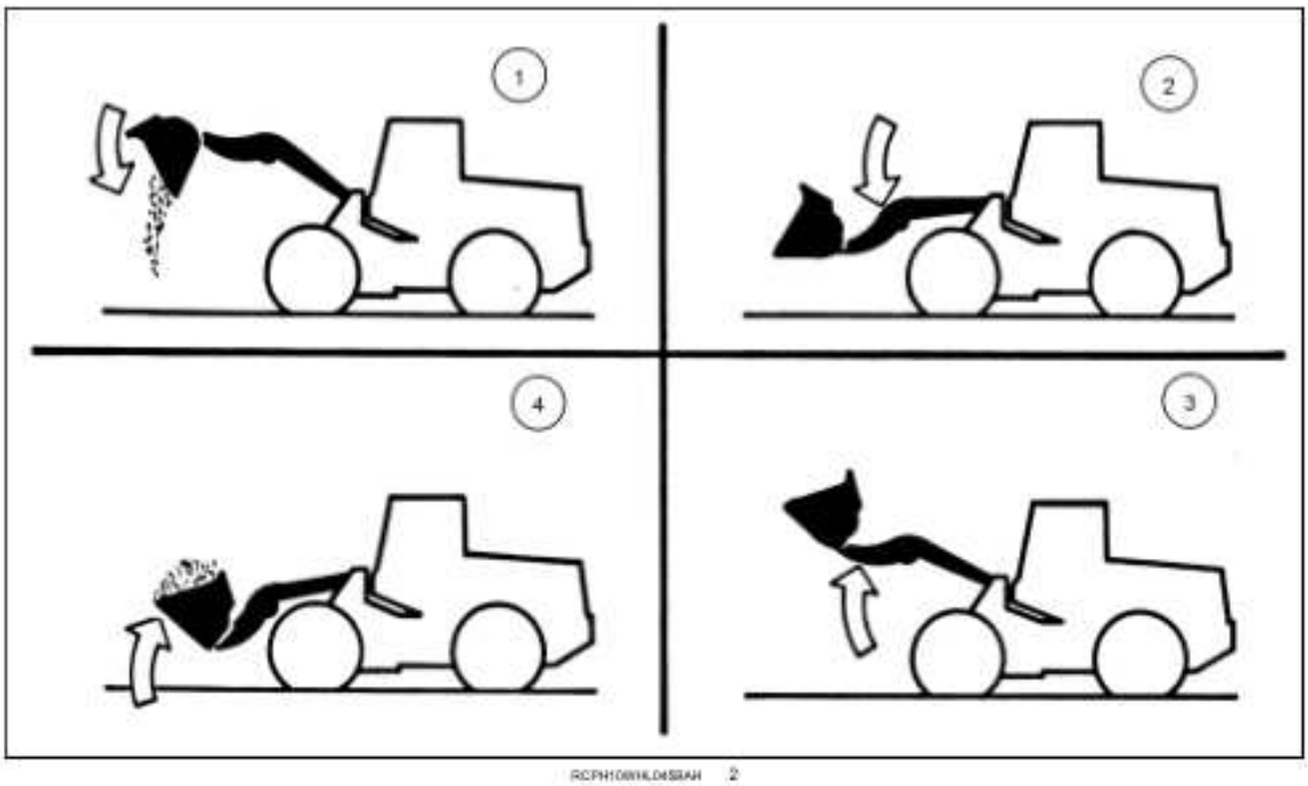
Two function valve - one control lever

NOTE: *This page shows the basic loader control lever positions.*

See loader function switches in this manual for return-to-dig, bucket height control and return-to-travel/float switches.



RCPH1086HL13SAL 1



RCPH1086HLD4SBAH 2

1. Dump bucket
2. Lower lift arms
3. Raise lift arms
4. Rollback bucket
5. Hold - The loader arms and bucket will not move when the control lever is in the hold position. When released, the control lever must be manually moved from the float position to the hold position (only with magnets engaged).
6. Float (detent) - This is a detent position. When in the float (detent) position, the loader bucket can follow level of the ground without movement of the control lever (only with magnets engaged).

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Machine grease fittings

Service specifications	
Grease Specification	NEW HOLLAND AMBRA GR 75 MD

Grease the machine fittings when the hour meter registers 100 hours of operation or sooner if conditions so require.

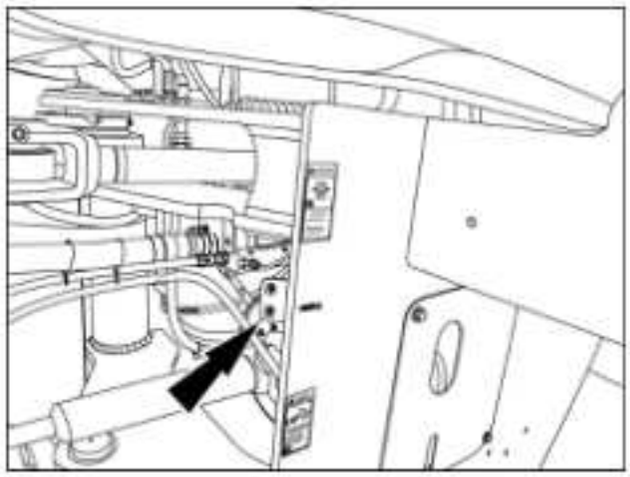
Clean around the area to be greased before service. Grease the bucket/attachment pivot pins, front driveshaft support bearing (remote), and steering cylinder pins (rod end)

Remote grease locations

Grease the steering cylinder pins (remote), boom pivot pins, bucket cylinder pins (remote) and the boom pivot pins.

NOTICE: *In severe conditions, such as immersion in water, it may be necessary to reduce the greasing service intervals.*

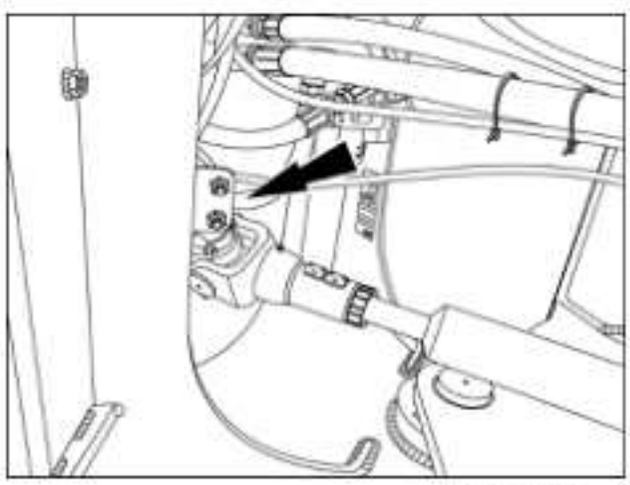
Steering cylinder remote grease location
Axle trunnion



RDPH10WHLA57AAH 2

Drive shaft carrier bearing and tilt cylinder

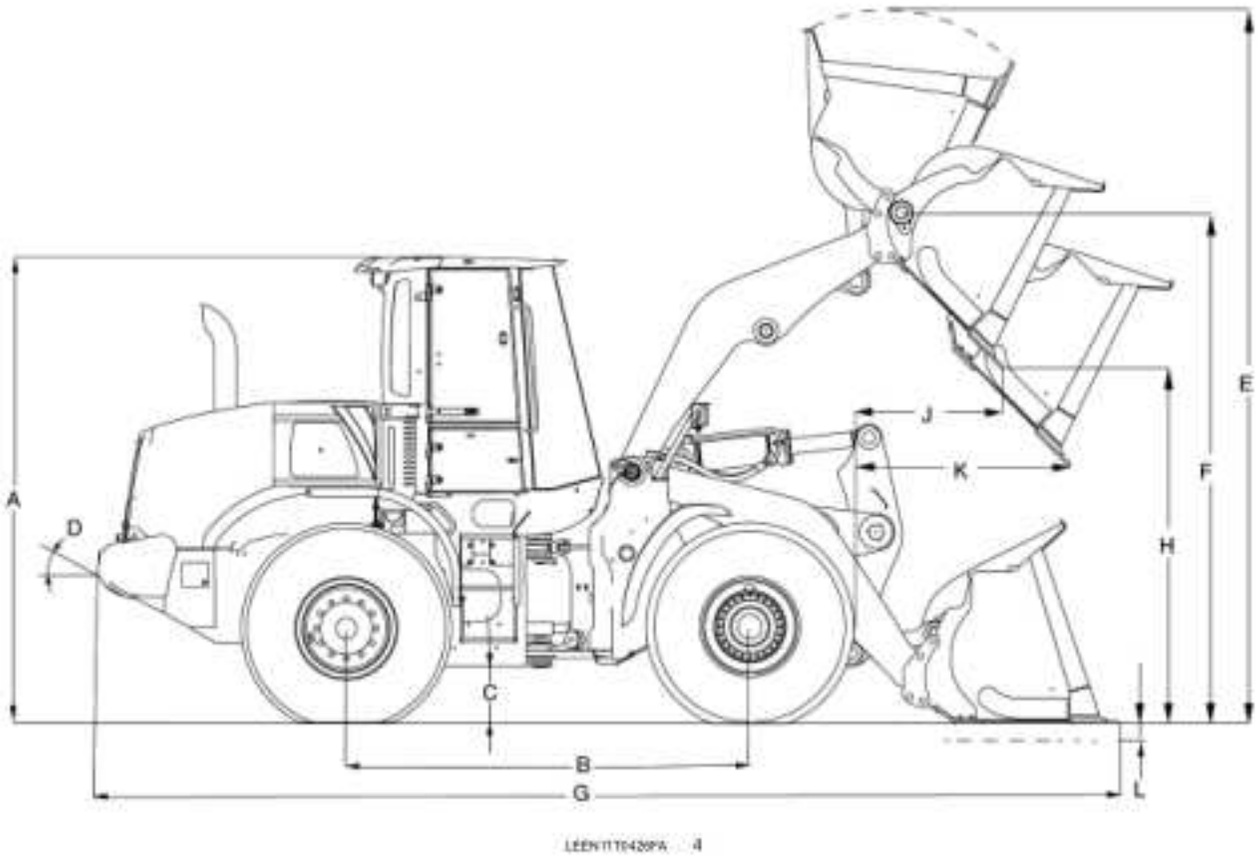
Grease the drive shaft carrier bearing and the tilt cylinder the remote grease locations.



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W110C Loader - Lift Arms Specifications



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W110C Z-Bar Specifications - 1.6 m³ (2.1 yd³) GP Bucket on CNH Coupler (JRB compatible)

	Bucket w/Bolt-on edge	Bucket w/Teeth
ISO Bucket Specifications		
Struck	**1.34 m³ (1.75 yd³)**	**1.28 m³ (1.67 yd³)**
Heaped	**1.61 m³ (2.10 yd³)**	**1.50 m³ (1.96 yd³)**
Bucket width (maximum outer)	**2550 mm (100.4 in)**	**2575 mm (101.4 in)**
Dimensional Outline Specifications		
A (top of cab height)	**3277 mm (129.0 in)**	**3277 mm (129.0 in)**
B (wheelbase)	**2750 mm (108.3 in)**	**2750 mm (108.3 in)**
C (ground clearance)	**377 mm (14.85 in)**	**377 mm (14.85 in)**
D (rear angle of departure)	**34 °**	**34 °**
Overall width w/o bucket	**2489 mm (98.0 in)**	**2489 mm (98.0 in)**
Centerline tread width	**2000 mm (78.7 in)**	**2000 mm (78.7 in)**
Turning radius (outside of tires)	**4022 mm (197.7 in)**	**4022 mm (197.7 in)**
Turning angle from center	**40 °**	**40 °**
Total turning angle	**80 °**	**80 °**
E (fully raised with spillguard)	**4727 mm (186.1 in)**	**4727 mm (186.1 in)**
F (hinge pin - fully raised)	**3607 mm (142.0 in)**	**3607 mm (142.0 in)**
G (overall - bucket level on ground)	**6832 mm (269.0 in)**	**6978 mm (274.7 in)**
H (dump - fully raised, **45 °** dump)	**2615 mm (102.9 in)**	**2519 mm (99.2 in)**
J (reach - fully raised, **45 °** dump)	**1099 mm (43.3 in)**	**1203 mm (47.4 in)**
K (reach - **2.13 m (7.0 ft)**, **45 °** dump)	**1475 mm (58.1 in)**	**1518 mm (59.8 in)**
L (dig depth)	**91 mm (3.6 in)**	**97 mm (3.8 in)**
ISO Load Specifications		
Operating load	**3189 kg (7031 lb)**	**3241 kg (7145 lb)**
Tipping load		
Machine straight	**7516 kg (16570 lb)**	**7630 kg (16821 lb)**
40° turn	**6378 kg (14062 lb)**	**6482 kg (14291 lb)**

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