L740, L750 Loaders

Operator's Manual

84157389 9/08
Replaces 87753761

CASE IH AGRICULTURE

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CONTENTS

SAFETY 0-7

GENERAL INFORMATION 1-1

OPERATION 2-1

LUBRICATION AND MAINTENANCE 3-1

TROUBLESHOOTING 4-1

OPTIONAL EQUIPMENT 5-1

SPECIFICATIONS 6-1

INDEX 6-11

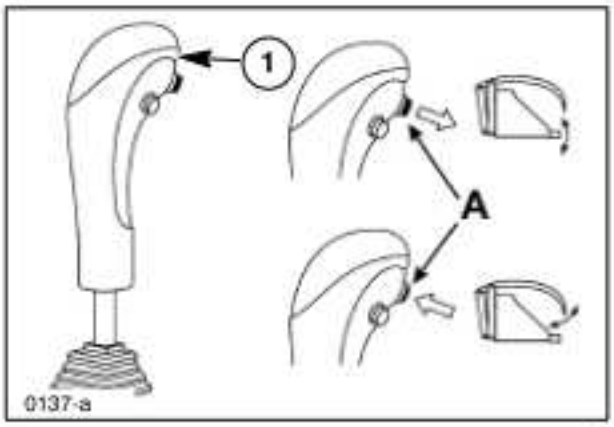
PREDELIVERY REPORT 6-13

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3rd Hydraulic Function

The third hydraulic function is controlled by a switch or switches on the front of the control lever, 1.

On tractor with loader control valve, press the loader third hydraulic function button (A) and move the hydraulic control lever to the right to open the grapple, on units equipped with electric diverter valve system. On Live 3rd units press and hold the top button to open the grapple. Consult with your dealer as to the style of system on your tractor/loader.



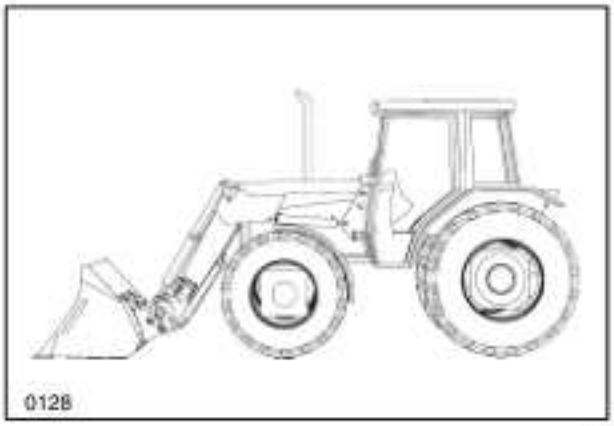
14

Loader with Mechanical Self-Leveling

Parallel links keep the base of the attachment in the same angular position during the entire lift/lowering movement.

Loader without Self-Leveling

The base of attachment changes its angle in relation to the ground during the entire lift/lowering movement.

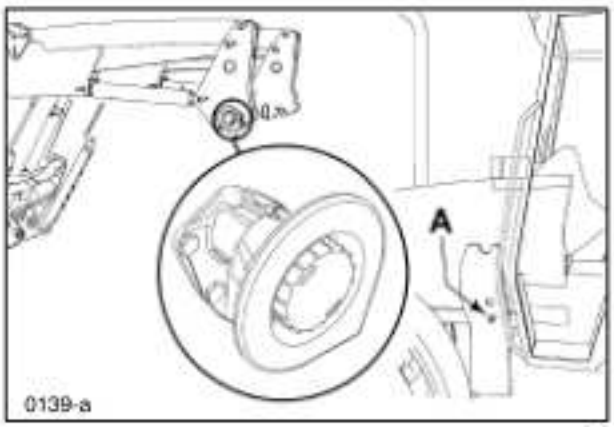


15

INSTALLING THE LOADER

NOTE: *The accessory box markings coincide with the loader and the base. The decal installed on the accessory sack for the base contains information about the number of packages and the part numbers of the components, in addition to information about the tractor model. Check that these coincide.*

Read through the installation instructions which accompany each kit before making any attempt at installation.



16

⚠ CAUTION ⚠

Pinch risk.

The locking wheel is spring loaded. Handle carefully.

Install Quick Lock on the left and right bearing boxes. Install stop (A) on the left and right subframes.

Install the subframe set and connect the loader valve or hose kit to the tractor's hydraulics in accordance with the installation instructions.

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SECTION 3
LUBRICATION AND MAINTENANCE

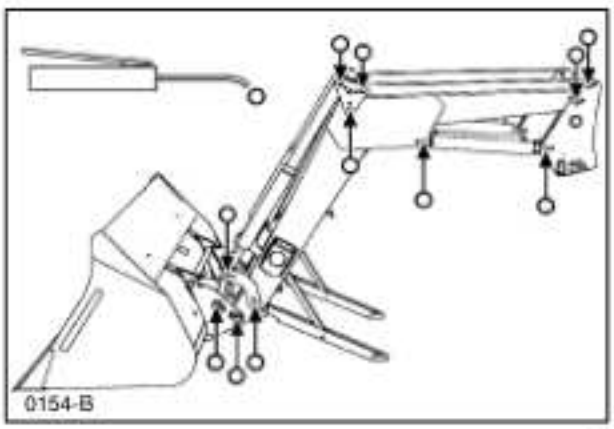
LUBRICATION POINTS

Lubricate the following grease fittings (zerks) using multi-purpose lithium-based grease, every ten (10) hours of loader operation.

⚠ WARNING ⚠

To prevent personal injury or death due to loader falling, support loader with a solid support when loader is raised for access to bucket pivot pin grease zerks.

Grease zerks at each pivot pin and links on both sides of the loader.



1

STORAGE

Store hoses, on main frame so coupler(s) are off the ground.

Apply a thin layer of grease to exposed cylinder rods as protection.

HYDRAULIC SYSTEM

Frequently check the oil level in the tractor hydraulic oil reservoir when the loader is lowered to the ground. Use oil specified in the tractor operators manual.

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SECTION 6
SPECIFICATIONS

LOADER SPECIFICATION

The following specifications are intended to be used as a general guide. Due to variations in tractor models, tire size, and hydraulic system, these specifications apply only to the tractor specified in each example.

Other tractor models and/or tractor variations may have different values. Specifications are to current ASAE Standard S301 .3.

The technical data may vary, depending on the tractor model and implement.

Loader Model	**L740 (NSL)**	**L740 (MSL)**	**L740 (NSL)**	**L740 (MSL)**
Tractor Model Series	**JXU 80-100 JX1080, 1090, 1100U Farmall 85, 95, 105U**	**JXU 80-100 JX1080, 1090, 1100U Farmall 85, 95, 105U**	**MXU 100-110**	**MXU 100-110**
Hydraulic Pressure	2850 psi (196 bar)	2850 psi (196 bar)	2800 psi (193 bar)	2800 psi (193 bar)
Hydraulic Flow	15 gpm (56.8 l/m)	15 gpm (56.8 l/m)	20 gpm (75.7 l/m)	20 gpm (75.7 l/m)
Front Tires	10 x 16 (2WD) 13.6 x R24 (FWD)	10 x 16 (2WD) 13.6 x R24 (FWD)	11 x 16 (2WD) 14.9 x R28 (FWD)	11 x 16 (2WD) 14.9 x R28 (FWD)
Rear Tires	16.9 x R34	16.9 x R34	20.8 x R38	20.8 x R38
Wheelbase (WB)	91 in (2314 mm)	91 in (2314 mm)	95 in (2412 mm)	95 in (2412 mm)
Lifting Capacity and Breakout Force at 2930 psi (202 bar) at pivot pin (lb / kg)				
Maximum lifting height (lb / kg)	4850 / 2200	4200 / 1905	4750 / 2155	4100 / 1860
59 in / 1.5 m lift height (lb / kg)	5500 / 2495	4750 / 2155	5400 / 2449	4650 / 2109
Ground line (breakout force) (lb / kg)	5950 / 2699	5050 / 2291	5850 / 2654	5000 / 2268
Lifting Capacity and Breakout Force at 2930 psi (202 bar) at 31.5 in/800 mm forward of pivot pin (lb / kg)				
Maximum lifting height (lb / kg)	3200 / 1451	3400 / 1542	3150 / 1429	3350 / 1520
59 in / 1.5 m lift height (lb / kg)	3650 / 1656	3850 / 1746	3550 / 1610	3800 / 1724
Ground line (breakout force) (lb / kg)	3850 / 1746	4200 / 1905	3800 / 1724	4100 / 1860

NOTE: *NSL - Non Self Leveling*
MSL - Mechanical Self Leveling

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