



Loader and Backhoe Wear & Option Parts



Service Instructions and Options for
HHP, Utility/Mid-Range and CUE tractors

Service Instructions for Front Loaders

Why You Should Keep Your Loaders In Good Condition

- Bushings and Pins in good condition reduce gaps in pivots and make it easier to perform precision work. They reduce noise and protect the main components like cylinders and loader beams.
- For best control for precision work, the Control Cables between the joystick and the loader valve should be smooth to push/pull and the internal gap must be minimum. Control Cables wear out due to high usage and moist or cold temperatures. Check and replace.
- An Accumulator loses pre-charge every year due to gas permeation and normal use. Replace every 3000 usage hours.



Service Instruction for Front Loaders

Check Points and Maintenance Recommendations



Pins

- Recommended Service interval is 6000h (tractor/loader use)
- Remove one pin in front and check for wear. If diameter is worn > 1mm replace the pin.
- Check if rotation stop and Pin locking is intact
- **Order Maintenance kits or the specific pins.**



Bushings:

- Recommended Service interval is 3000h (tractor/loader use)
- Remove one pin in front and, if yellow surface is worn away, replace the bushings.
- **Order Maintenance kits or the specific bushing**



Control Cable:

- If Loader is equipped with ErgoDrive (Mechanically controlled loader valve), **check if the Joystick has an abnormal gap or is sticky.**
- **If needed replace the Control cable and Pivot.** The p/n (without prefix AL) is displayed at the control cable. The Pivot could be recognized by the diameter (14mm or 15mm)



(Different versions depending on loaders series)

Accumulator Kits (SoftDrive):

- A loader has 1-3 accumulators if equipped with SoftDrive option.
- An accumulator loses pre-charge every year due to gas permeation and normal use.
- **Replace the accumulator every 3000h (tractor/loader use)**
- The p/n (without prefix AL) is displayed at the accumulator.
- **If Loader is not equipped with Softdrive offer the kit as retrofit option.**



Hydraulic Hoses:

- **Check for oil leakage and cracks at the surface**
- Replace if necessary. The p/n (without prefix AL) is displayed at the ferrule.



Wear Parts for Loaders and Backhoes



Wear Parts for Loaders and Backhoes



Accumulator Kits

An Accumulator loses pre-charge every year due to gas permeation and normal use. Replace the Accumulator every 3000h of tractor/loader use.

For MF 921, 926, 931, 933, 936, 938, 941, 946, 948, 951, 956, 958, 961, 966, 968, 976, 978, 988

Challenger ML 21, 26, 31, 33, 36, 38, 41, 46, 48, 51, 56, 58, 61, 66, 68, 76, 78, 88

FENDT 685, 785, 885



Bushings

Recommended service interval is 3000h of tractor/loader use. Order Maintenance Kits or the specific bushing.

Available for All Loaders and Backhoes CB75 and CB85. Consult the MUO Listing for specific applications

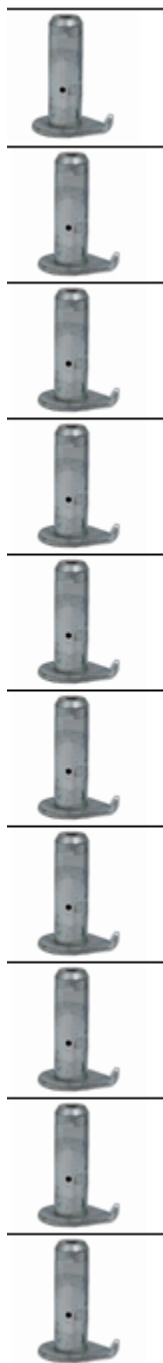


If the Loader is equipped with ErgoDrive, check the Joystick for an abnormal gap or stickiness. If needed replace the Control Cable and Pivot.

Control Cables available in mm of 1200, 1400, 1600, 1800, 2000, 2200, 2400, 2600, 2800, 3000, and 3200








PIVOT PINS



Item No	Description	OD	L
AL9020034	Pivot Pin	30	127
AL9020035	Pivot Pin	35	127
AL9020036	Pivot Pin	40	127
AL9020037	Pivot Pin	30	96
AL9020038	Pivot Pin	35	96
AL9020039	Pivot Pin	30	84
AL9020040	Pivot Pin	35	84
AL9020061	Pivot Pin	40	147
AL9020100	Pivot Pin	30	122
AL9020105	Pivot Pin	30	113



BUSHINGS

Item No	Description	OD	ID	L
 AL5018513	Bushing	44	40	20
 AL5018514	Bushing	39	35	20
 AL5018515	Bushing	34	30	20
 AL5018517	Bushing	39	35	30
 AL5018904	Bushing	44	40	30



BUSHING KITS




Item No	Item Desc.
AL5018911	Bushing Kit
AL5018912	Bushing Kit
AL5018913	Bushing Kit
AL5018914	Bushing Kit

PIN KITS



Item No	Item Desc.
AL9020067	Pin Kit
AL9020068	Pin Kit
AL9020069	Pin Kit
AL9020070	Pin Kit

PIVOT PIN ACCESSORIES

Item No	Description
 AL5215121	Greaser Cover Black
 AL5215131	Locking Cover
 AL5004917	Screw

Bushing and Pivot Pin Kits Available for:

MF931, MF940, MF941, MF945, MF946, MF950, MF951, MF955, MF956, MF960, MF961, MF965, MF968, MF975, MF978, MF985, MF988

ML41, ML46, ML51, ML56, ML61, ML68, ML72b, ML73b, ML74b, ML77b, ML78, ML88, ML92b, ML93b, ML94b, ML97b, ML98b, ML99b, 655, 685, 755, 785, 855, 885

FL 40, FL 45, FL 60, FL 65, FL 75, FL 85

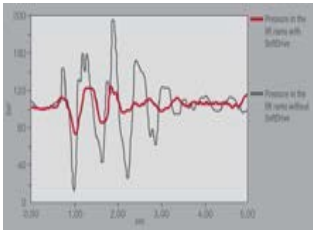


Options for Loaders and Backhoes



Options for High Horsepower Front Loaders

Massey Ferguson, Challenger, Fendt



SoftDrive (load damping):

- With SoftDrive (load damping) you can **drive the tractor faster** with better control
- It also protects your tractor by **reducing constraints**
- Provides a more comfortable ride



Hydraulic Implement Lock:

- Change the implement, like a bucket, without leaving the driver seat.



Selecto-Fix:

- This provides a **rapid, easy,** and positive hydraulic connection, with **no risk of spillage or leakage.**



Multi Couplings:

- Optional quick couplers allow easy hydraulic connection when mounting and removing the loader from the tractor
- Two types available depending on valve, Hydroquick and MC4



3rd Function:

- Extra hydraulics for implements that require one hydraulic function



Loader Light:

- Loader Light always gives you a **beam of light at the implement level** and follow the movement of the loader



Options for Utility & Mid-Range Loaders

Massey Ferguson



SoftDrive (load damping):

- With SoftDrive (load damping) you can **drive the tractor faster** with better control
- It also protects your tractor by **reducing constraints**
- Provides a more comfortable ride
- **One kit fits 900x Series**

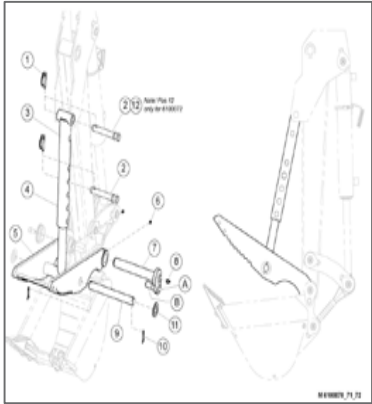


3rd Function:

- Extra hydraulics for implements that requires hydraulics.

Options for Sub-Compact & Compact Loaders/Backhoes

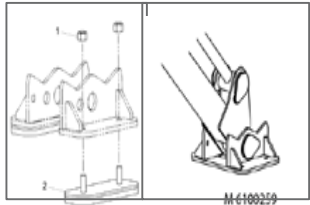
Massey Ferguson



1

Mechanical Thumb:

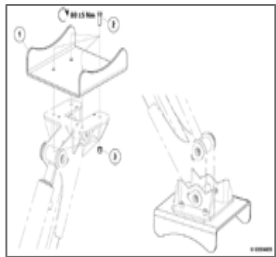
- Backhoe mechanical thumb makes it possible to grab objects with the bucket



2

Street Pad Set:

- Backhoe stabilizer pads with rubber to protect the ground



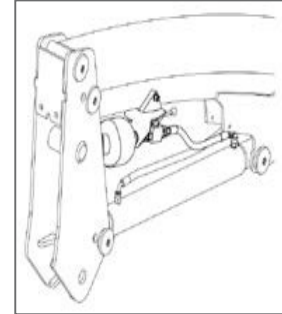
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Big foot Pad Set:

Backhoe stabilizer pads with **bigger area** to protect the ground



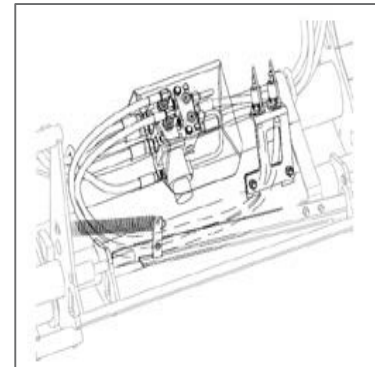
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SoftDrive (load damping):

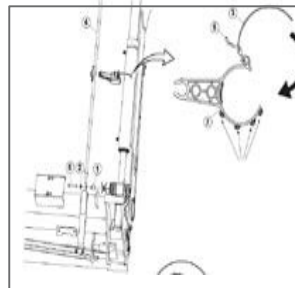
- With SoftDrive (load damping) you can **drive the tractor faster** with better control
- It also protects your tractor by **reducing constraints**
- Provides a more comfortable ride
- Only for DL125 / DL135 Loader

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3rd Function:

- Extra hydraulics for implements that require hydraulics.
- Only for DL125 / DL135 Loader

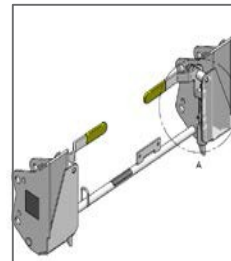


4

Bucket Level Indicator Set:

- Field Installed for L105E
- Field Installed for DL125, DL135, L135E

5



Skid Steer Tool Carrier:

- Skid Steer Tool Carrier for loaders with Pin On solution
- Only for DL105E / DL135E Loader



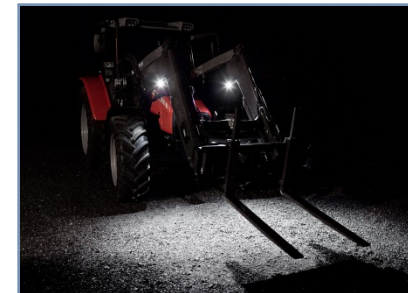
Options for Loaders and Backhoes



LoaderLight

LoaderLightT gives you a steady beam of light following the movement of the loader. The kit contains two 10W, 12V heavy duty LED lamps. It's compatible with all other options except 4th function and ESV valve.

LED loader illumination kits are available for MF900, Fendt and Challenger ML series



Part # AL5048217



Bale Spike

This is a replacement tine for the Bale Spike Implement. It grabs and steadies the bale during movement

Part # AL5068101 - 31.8"
Part # AL5068004 - 48.8"



Selecto-Fix

Selecto-Fix provides a rapid, easy, and positive hydraulic connection, with no risk of spillage or leakage

This is a Quick Release Two Coupler System for Implements
Part # AL10550180, AL10550380



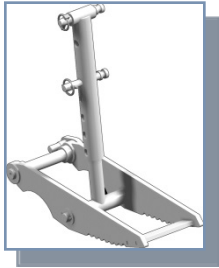
SoftDrive

SoftDrive Load Damping Suspension:
Better control, less constraints,
more comfort, Easy to retrofit

Available for:
All MF 900X Series,
Challenger 21, 31, 33, 41, 26, 36, 38, 46, 48, 51, 61, 56, 58, 66, 68, 76, 78
FENDT 685 and 785



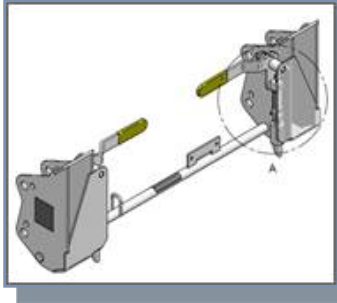
OPTIONS



Mechanical Thumb

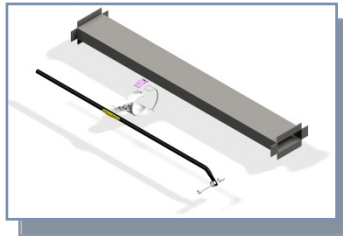
Backhoe mechanical thumb makes it possible to grab objects with the bucket. For CB65, CB75, CB85 backhoes

Part # AL6100070, AL600071, AL600072



Skid Steer Tool Carrier

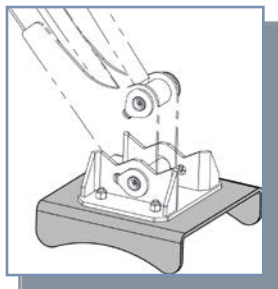
Skid Steer Tool Carrier for loaders with Pin On solution. Only for DL105E / DL135E loaders. Part # I5221419



Bucket Level Indicator Set

Bucket Level Indicators keep the load level to the ground. Available field installed for L105E, DL125, DL135, and L135E built prior to factory installation

Part # AL60005997, Part # AL60005998



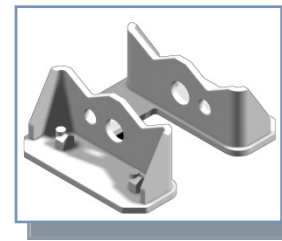
Big Foot Pad Set

Backhoe stabilizer pads cover a larger area protecting the ground.

Part # AL60004498 "Big Foot"

Backhoe stabilizer pads with rubber to protect the ground. For CB65, CB75, CB85 backhoes

Part # AL61000259



Backhoe Street Pad



Suggestions for Sales and Service



Dealer Action Plan

Suggestions for Sales and Service

Have you Checked the Maintenance Points on Your Loader?

- Pins and Bushings - Recommend Maintenance Kits
- Hydraulic Hoses - Check for cracks and leakage
- Accumulator Kits - Review the hours of service
- Control Cables – Check the Cable, Joystick, and Pivot

Promote Loader Options

- SoftDrive – Better Control, Less Constraints, More Comfort - Easy to retrofit
- Loader Light – Constant Light, Follows the Loader, Easy to retrofit - Fits all Premium Loaders since 2005
- Bucket Level Indicator Sets
- Selecto-Fix Quick Release Coupler System

Promote Backhoe Options – Stability and Convenience

- Street Pads
- Big Foot Pads
- Thumbs

Display Options and Wear Parts

- 10 different pins for the Loader range
- 5 different bushings for the Loader and Backhoe range
- Loader Light
- Tool Carrier



Dealer Action Plan

Suggestions for Sales and Service



**Checking the Front loader when servicing the tractor isn't an option...
It's good service!**



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Keep It Genuine.

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We supply genuine parts and accessories, designed and engineered by the same people who made the original equipment. You get a guaranteed fit and the performance that only AGCO Parts can deliver. It's dependability you can rely on with the productivity you've come to expect. Keep your equipment running the way it was meant to run.

