



---

# FITTING INSTRUCTIONS

---





# CONTENTS

1. <b>User instructions</b> .....	4
2. <b>Cable monolever mounting</b> .....	5
3. <b>Adjusting the cable monolever</b> .....	9
4. <b>Electrical power supply</b> .....	10
5. <b>Hydraulic connection of the control valve</b> .....	11
6. <b>Fitting the electric cabling</b> .....	12
6.1. Laying the electric cabling for a 4-function monolever.....	12
6.2. Fitting the electric cabling for a 5-function monolever.....	13
6.3. Electric cabling parts list.....	15
7. <b>Control</b> .....	16
7.1. Control using the tractor's control valves.....	16
7.2. Control with MX PROPILOT control valve.....	16
8. <b>Spare parts</b> .....	18
8.1. Monolevers.....	18
8.2. Cables.....	19

# 1. User instructions

## General

This manual is the user guide for handling, using and maintaining the machine.

Read this manual carefully and keep it handy for future reference. Pass it on to any other user, including when the machine is sold or loaned.

Carry out specified maintenance to keep the machine in perfect working order and to ensure sustained reliability.

## Washing



**CAUTION:** Never direct high-pressure sprays towards electrical components ( housings, wiring looms, connectors, etc.).

Electrical/electronic components may fail if they are subjected to water at high pressure.

## Safety

Read the safety rules and follow all recommendations and instructions.

Before using the cable monolever, please read the “Loader user manual”, to fully familiarise yourself with:

- Loader and implement hitching and unhitching operations.
- Operation of the cable monolever controls.

## Spare parts



**DANGER:** Failure to follow these guidelines may make your machine unsafe. The manufacturer will not be held liable in the event of damage or injury.

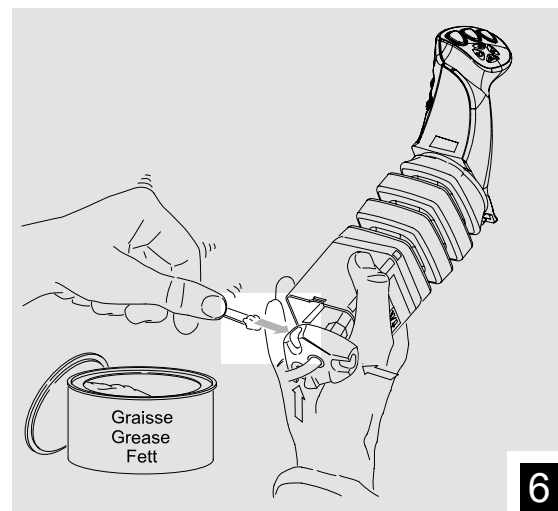
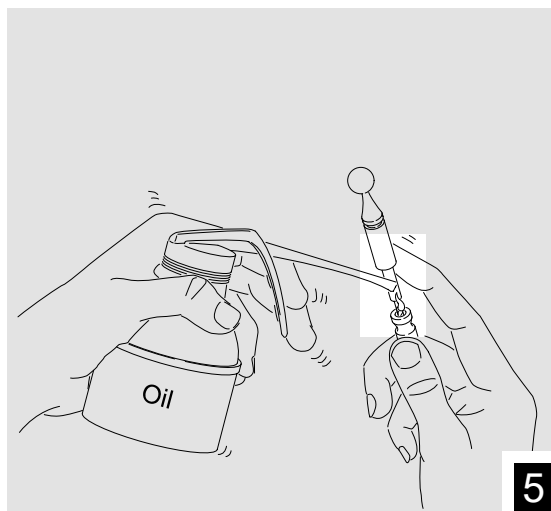
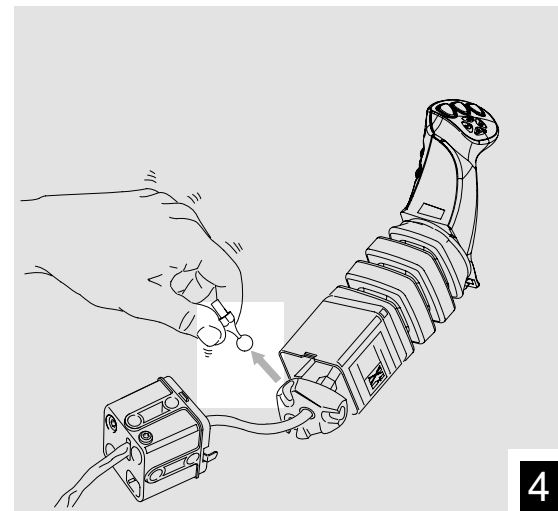
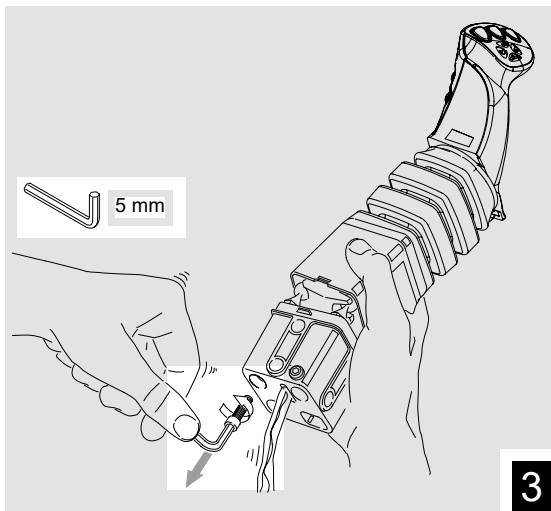
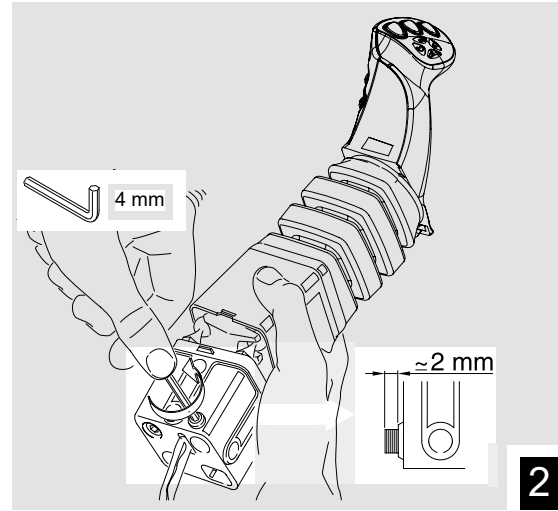
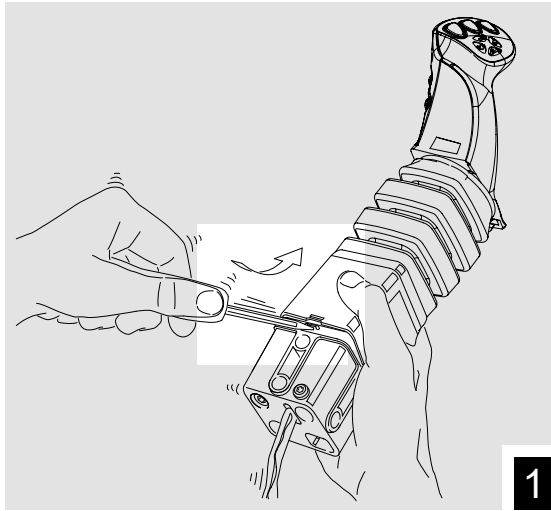
Only use spare parts and accessories that comply with the manufacturer's recommendations.

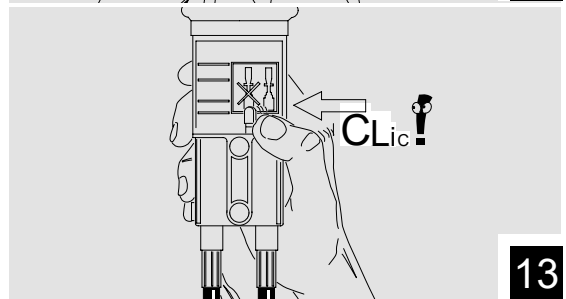
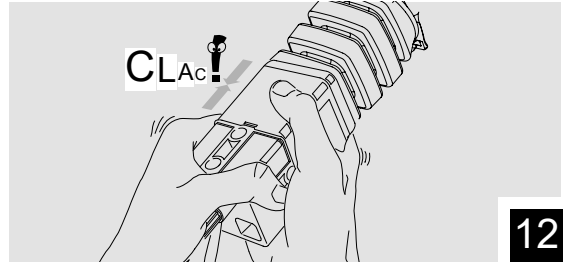
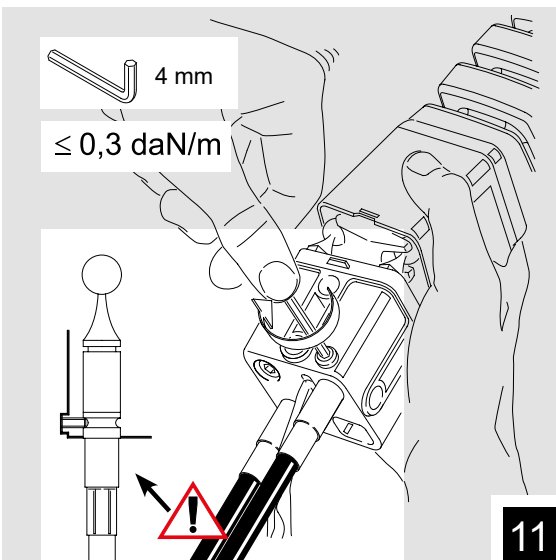
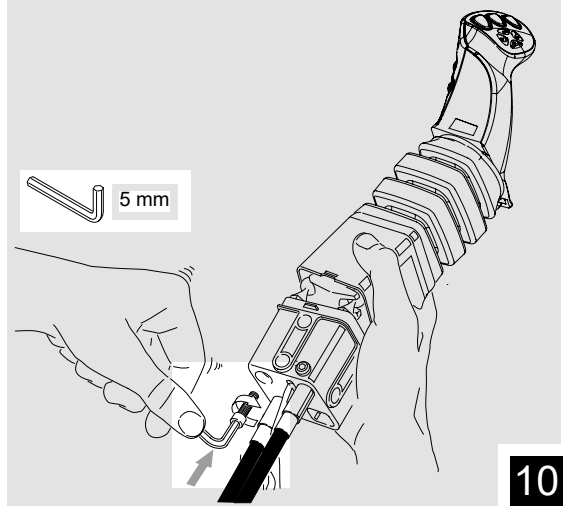
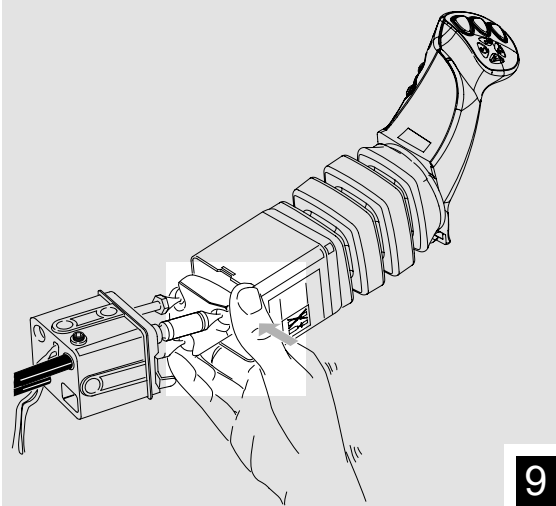
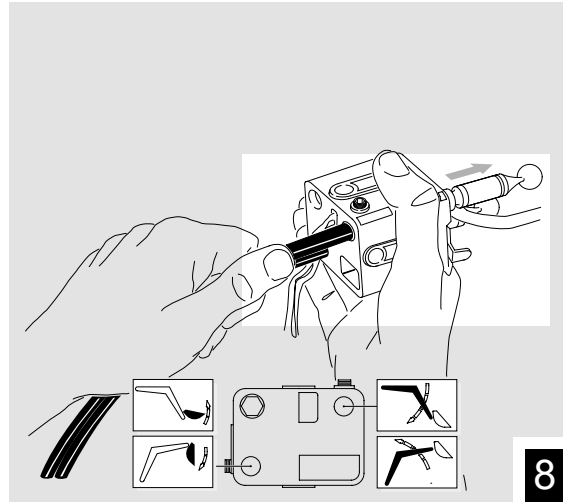
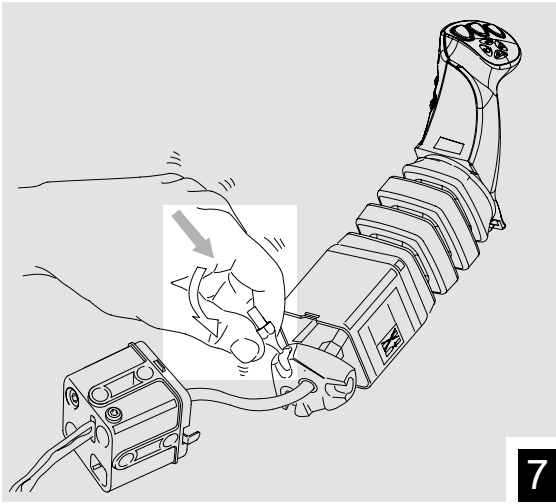
Do not carry out any modifications, whether yourself or anyone else, on the machine and its attachments (mechanical, electrical, hydraulic or pneumatic) without first requesting express approval from the manufacturer.

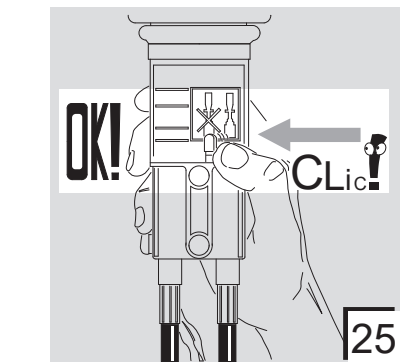
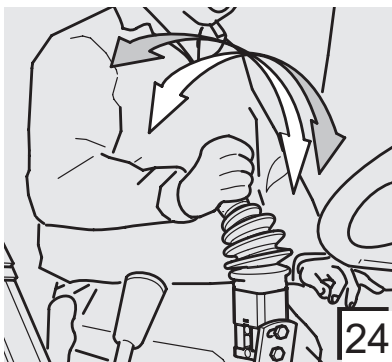
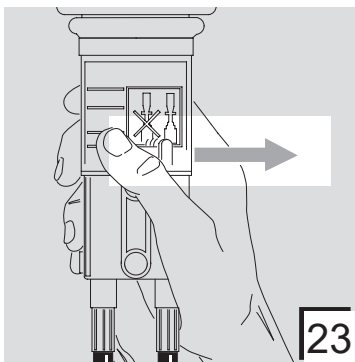
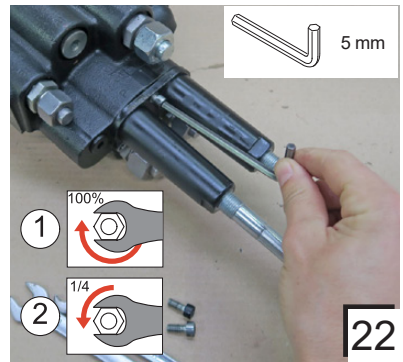
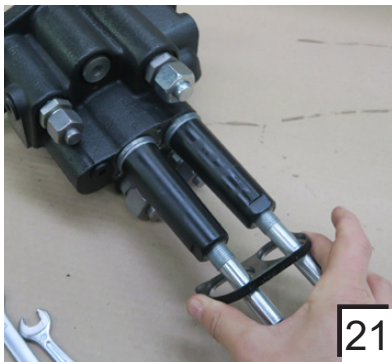
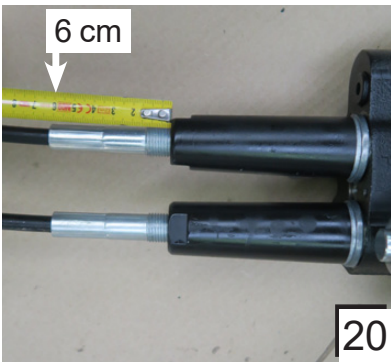
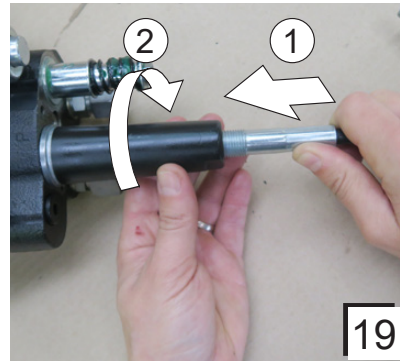
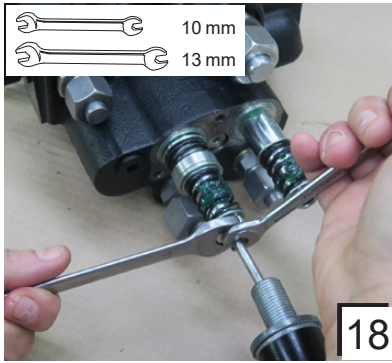
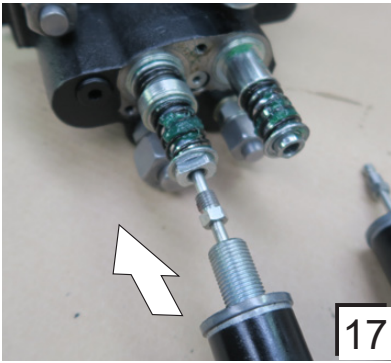
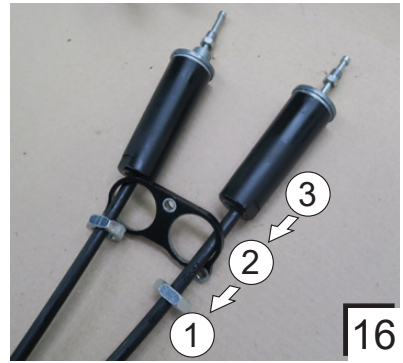
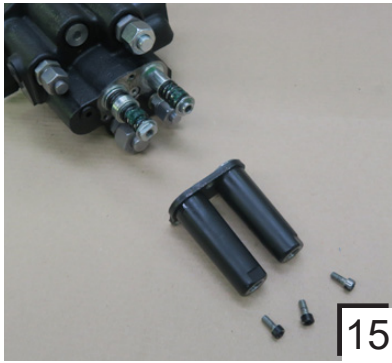
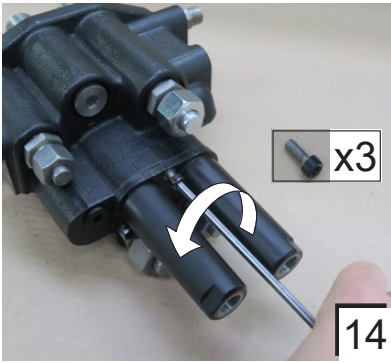
## Warranty

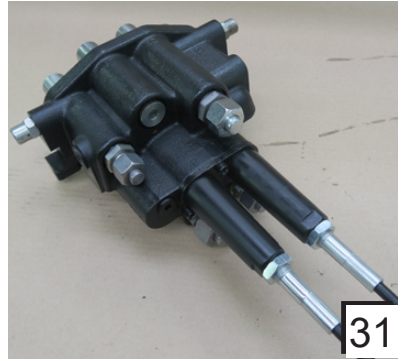
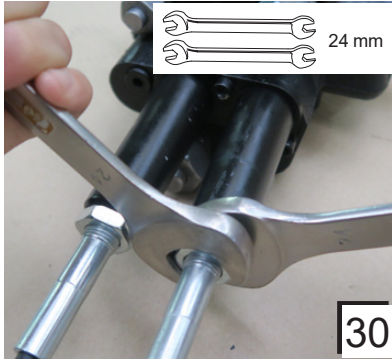
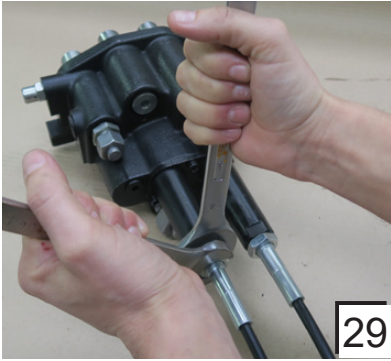
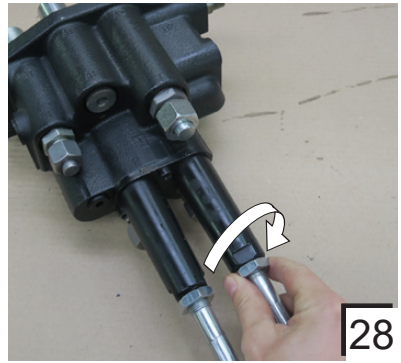
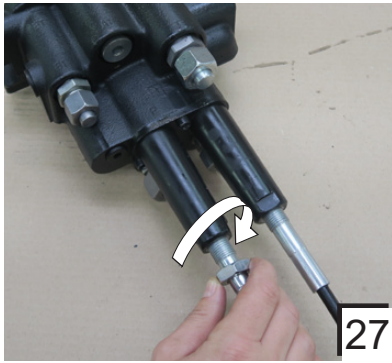
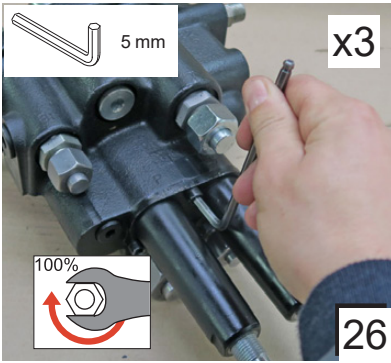
Warranty cover will cease immediately in the event of failure to observe the standards and instructions for use and maintenance of the machine as given in this manual.

## 2. Cable monolever mounting



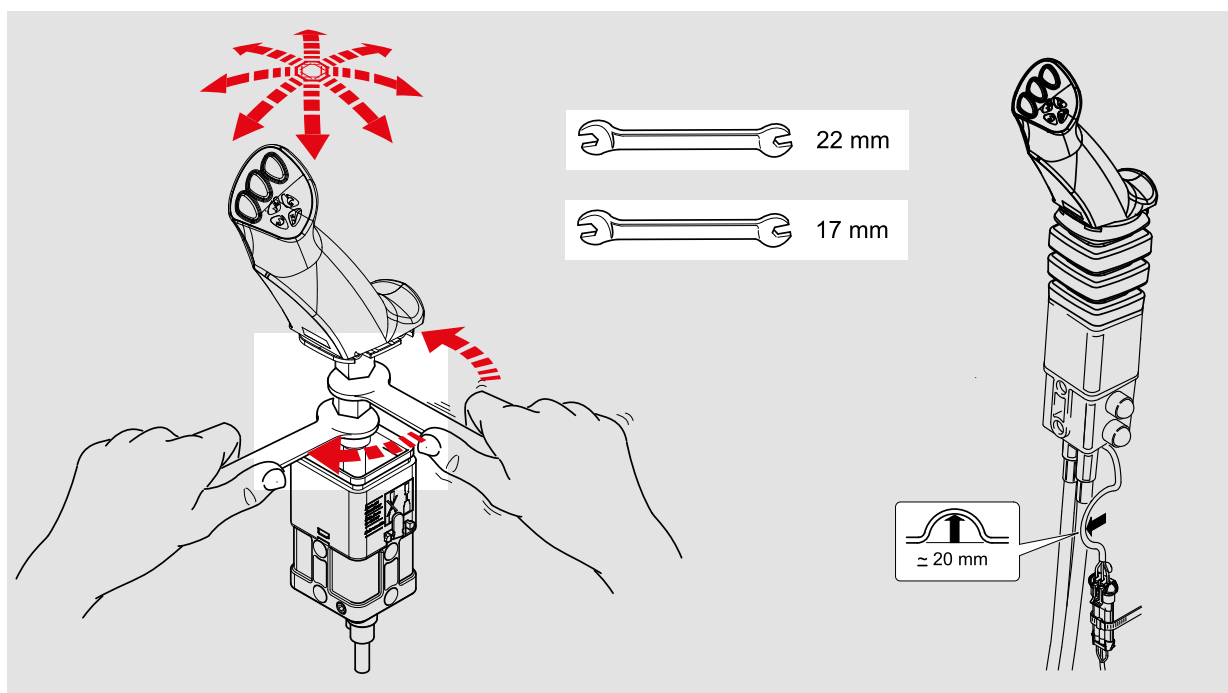




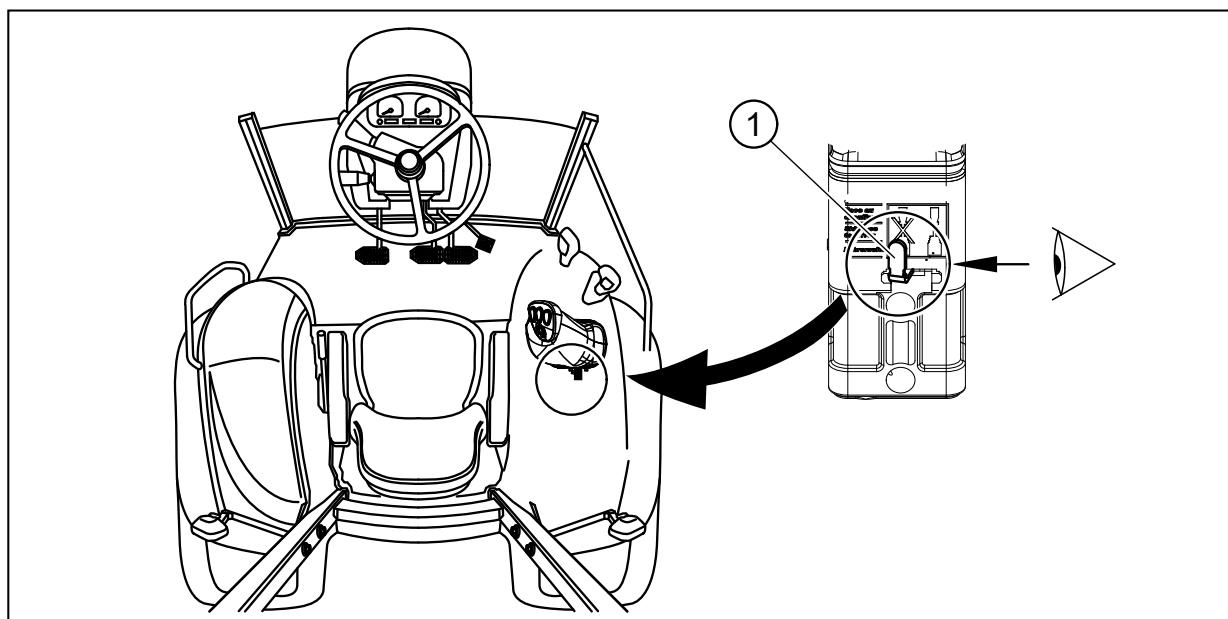


### 3. Adjusting the cable monolever

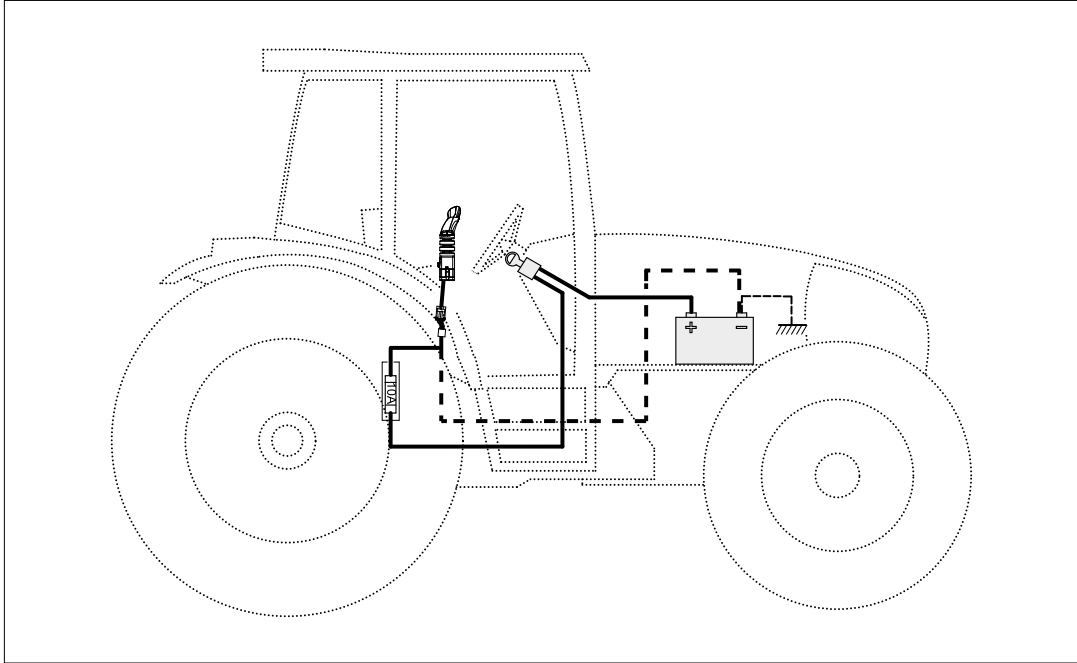
Depending on the monolever's location on the tractor, the lever's position can be adjusted after fitting to suit the user and enable them to control the loader comfortably.



The locking lever (1) must face the driver.



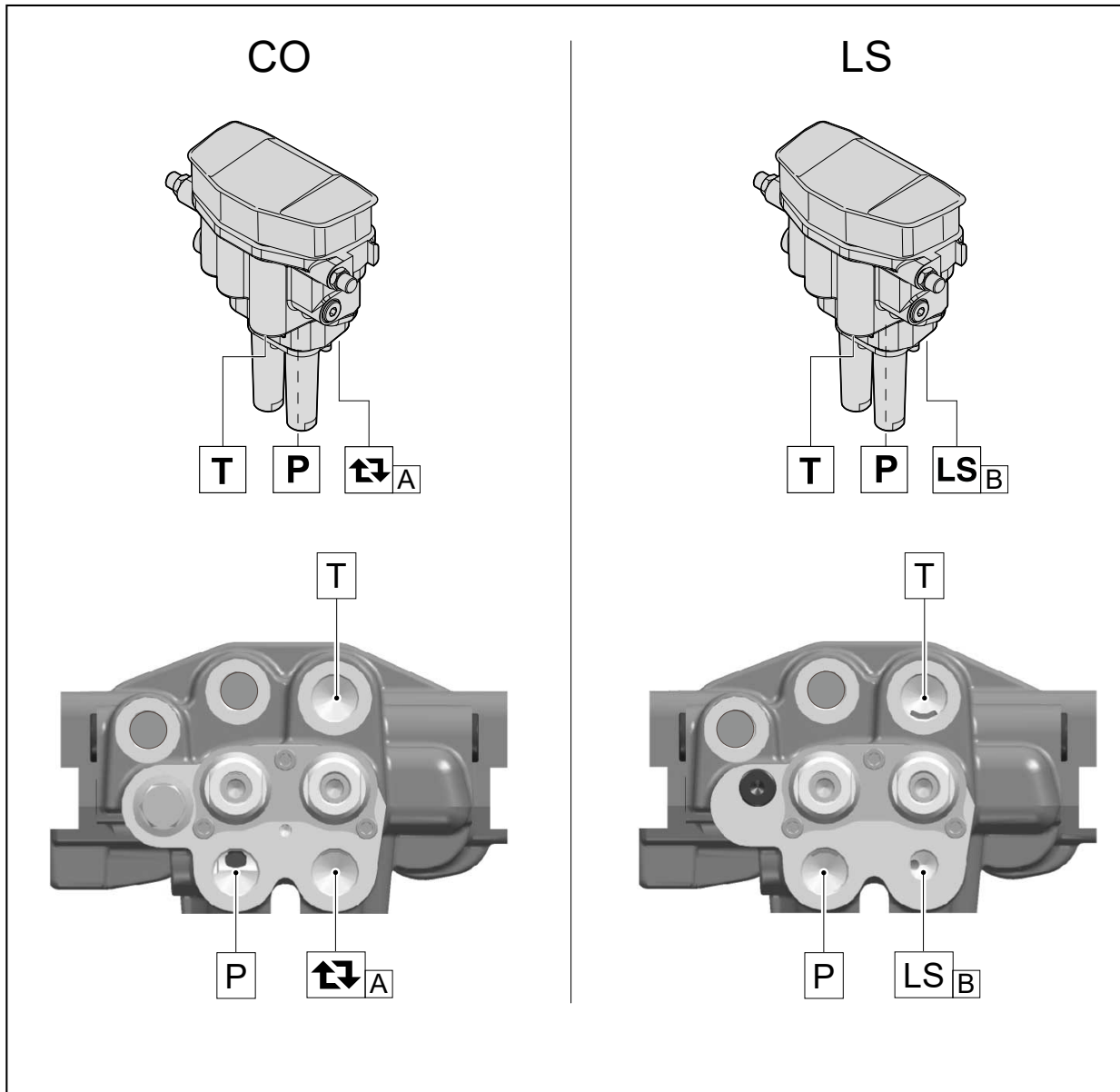
## 4. Electrical power supply



**IMPORTANT:** The power supply should be taken from a 12 V DC circuit, downstream of the tractor ignition, capable of delivering 10 A. The wiring loom's protective fuse must have a maximum rating of 10 A.

The blue wire (-) (ground) of the electric cabling must be connected to the (-) battery terminal.

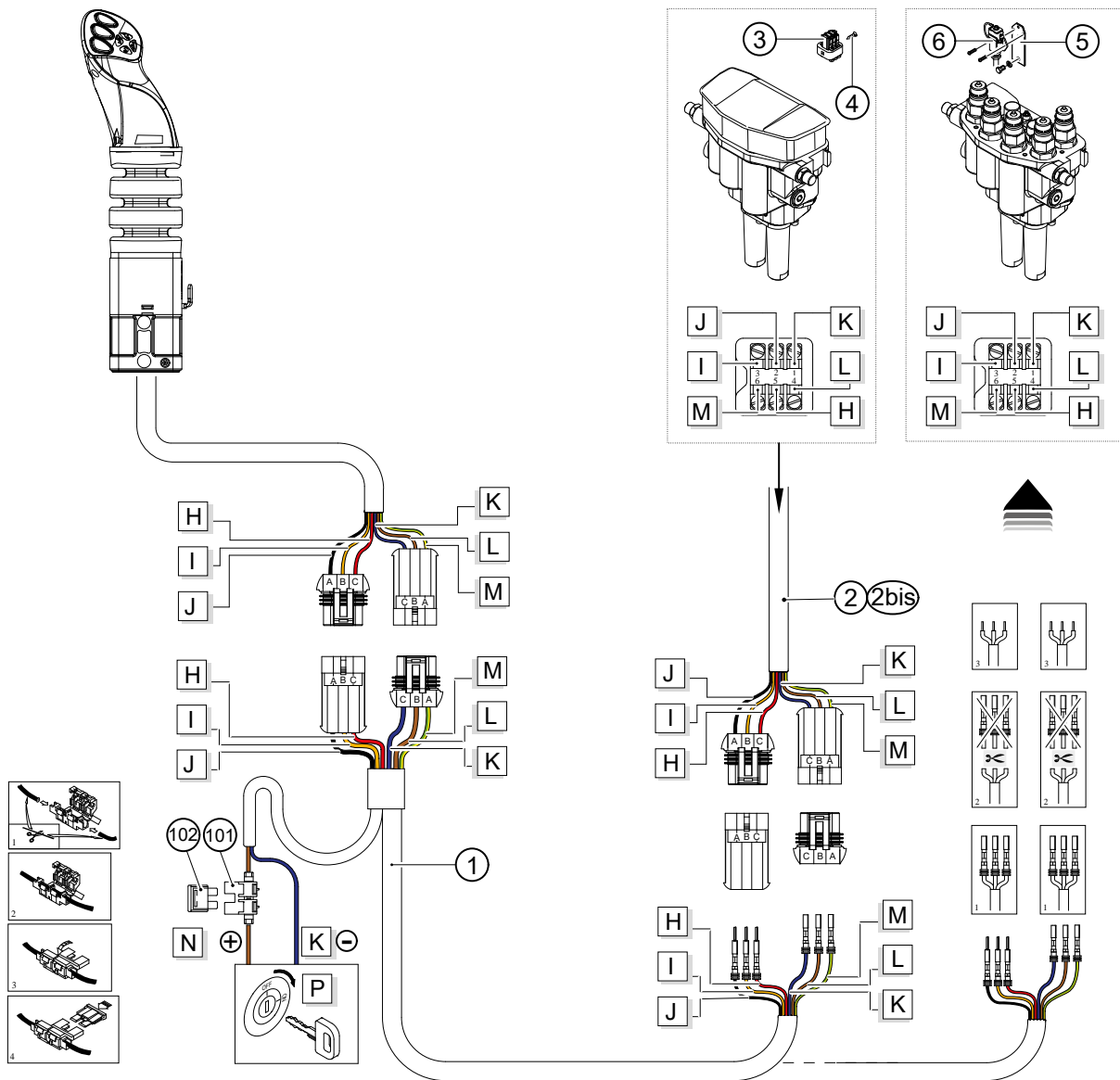
## 5. Hydraulic connection of the control valve



Marking	Description
OC	Open-centre control valve.
LS	Load sensing control valve.
P	Pressure
T	Return
A	Carry over
B	LS signal

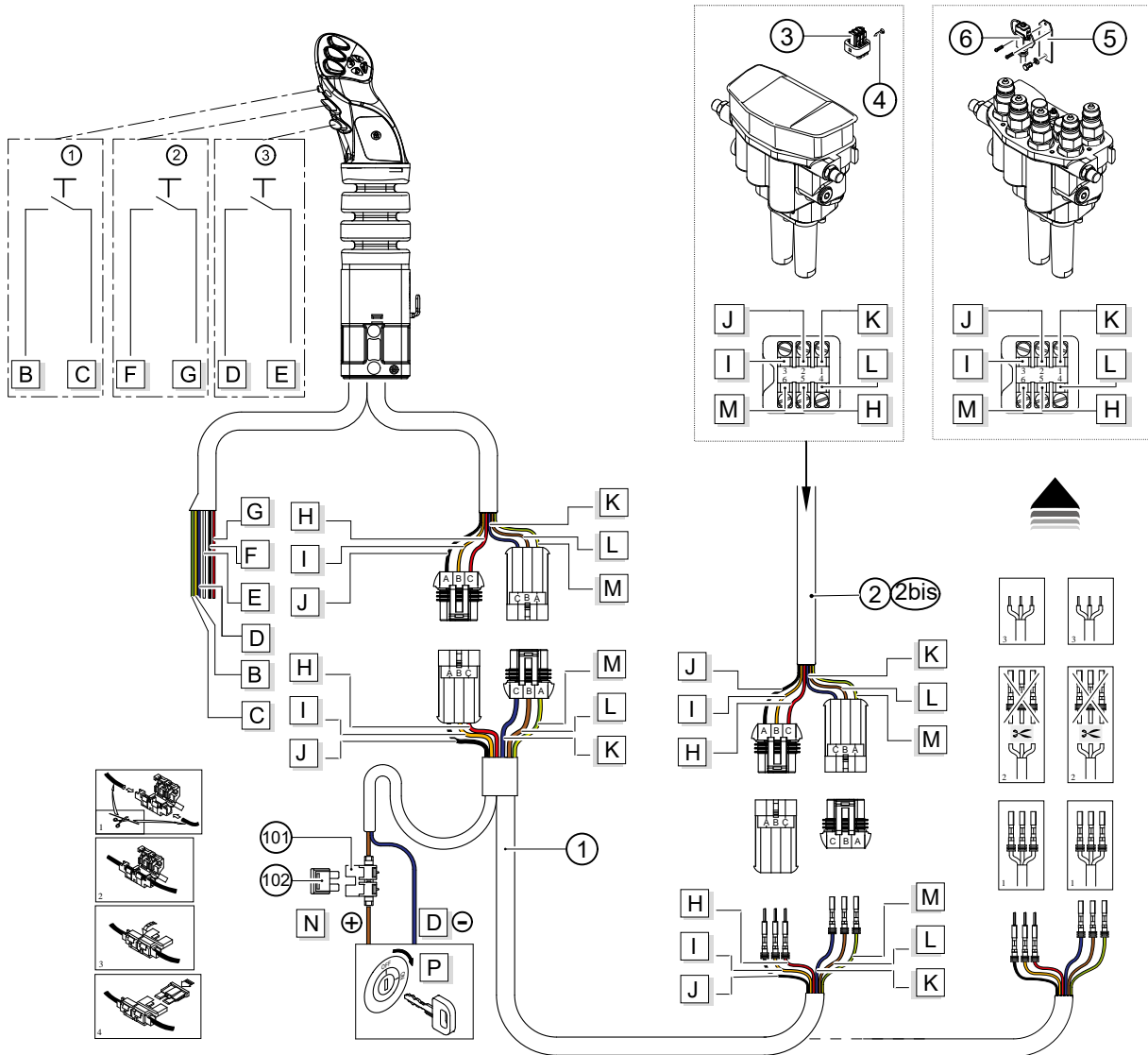
## 6. Fitting the electric cabling

### 6.1. Laying the electric cabling for a 4-function monolever



Marking	Description
H	Red (+12 V)
I	Orange (Fast-lock)
J	Black (Not connected)
K	Blue (- Ground)
L	Brown (3rd function)
M	Yellow/green (4th function)
N	Brown
P	+ After ignition

## 6.2. Fitting the electric cabling for a 5-function monolever




Marking	Description
B	Yellow*
C	Green*
D	Blue or Grey*
E	White*
F	Black or Brown*
G	Red or Pink*
H	Red (+12 V)
I	Orange (Fast-lock)
J	Black (Not connected)
K	Blue (- Ground)
L	Brown (3rd function)
M	Yellow/green (4th function)
N	Brown
P	+ After ignition

\* 12 V 50 mA max. The customer is responsible for the connection.

### 6.3. Electric cabling parts list

Rep. Fig. Pos. Fig. Rif. Fig.	Réf. Parts No. Ref. Rif. Nr	Qté. Qty Menge Cant. Qtà Il.	Dimension. Dimension Maße Dimensione Dimensione Wymiar	Français	English	Deutsch	Español	Italiano	Polski	
1	525488	1		FAISCEAU ÉLECTRIQUE (POIGNEE 3-6 BOUTONS)	ELECTRIC WIRING LOOM (3-6 BUTTONS)	KABELBUNDEL (3-6 KNOPF)	CABLE ELÉCTRICO (3-6 BOTONES)	CABLAGGIO ELETTRICO (IMPUGNATURA 3-6 PULSANTI)	PRZEWODY ELEKTR. (3-6 PRZYCISKI)	
	101	306358	1		PORTE FUSIBLE	FUSE HOLDER	SICHERUNGSHALTERUNG	SOPORTE DE FUSIBLE	PORTA FUSIBILE	SKRZYŃKA BEZPIECZNIKOWA
	102	306361	1	10 A	FUSIBLE	FUSE	SICHERUNG	FUSIBLE	FUSIBILE	BEZPIECZNIK
2		306275	1		FAISCEAU ÉLECTRIQUE (SANS DISPOSITIF SECU)	ELECTRIC WIRING LOOM (WITHOUT SAFETY DEVICE)	KABELBUNDEL (OHNE SICHERHEITSVORKEHRUNGEN)	CABLE ELÉCTRICO (SIN DISPOSITIVO DE SEGURIDAD)	FASCIO ELETTRICO (SENZA DISPOSITIVO DI SICUREZZA)	PRZEWODY ELEKTR. (BEZ ZABEZPIECZENIA)
2 BIS		525758	1		FAISCEAU ÉLECTRIQUE (AVEC DISPOSITIF SECU)	ELECTRIC WIRING LOOM (WITH SAFETY DEVICE)	KABELBUNDEL (MIT SICHERHEITSVORKEHRUNGEN)	ELECTRIC WIRING LOOM (WITH SAFETY DEVICE)	CABLAGGIO ELETTRICO (CON DISP. DI SICUREZZA)	PRZEWODY ELEKTR. (Z ZABEZPIECZENIA)
3		306316	1		CONNECTEUR ELECTRIQUE MALE 6 VOIES	MALE ELECTRICAL SOCKET - 6 WAYS	VATERSTECKER - 6 WEG	CONECTOR ELÉCTRICO MACHO 6 VIAS	CONNETTORE ELETTRICO MASCHIO A 6 VIE	6-DROŻNE MĘSKIE ZŁĄCZE ELEKTRYCZNE
4		306328	1	2.9 X 13	VIS TETE FRAISEE	SCREW	SCHRAUBE	TORNILLO CABEZA FRESADA	VITI	ŚRUBA Z ŁBEM STOŻKOWYM

## 7. Control

 **WARNING:** Never leave the tractor with the loader raised.

Every spool control valve generates an internal leak required for proper operation.

### 7.1. Control using the tractor's control valves

See the tractor's user manual.

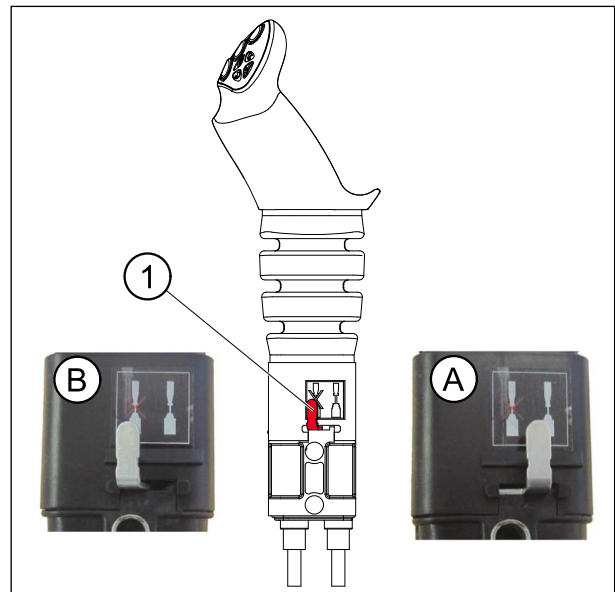
### 7.2. Control with MX PROPILOT control valve

#### 7.2.1. Safety

To prevent any accidental movement of the loader, the PROPILOT monolever can be locked. Move the unlocking tab (1) to lock the monolever in place.

— (A): unlocked position.

— (B): locked position.



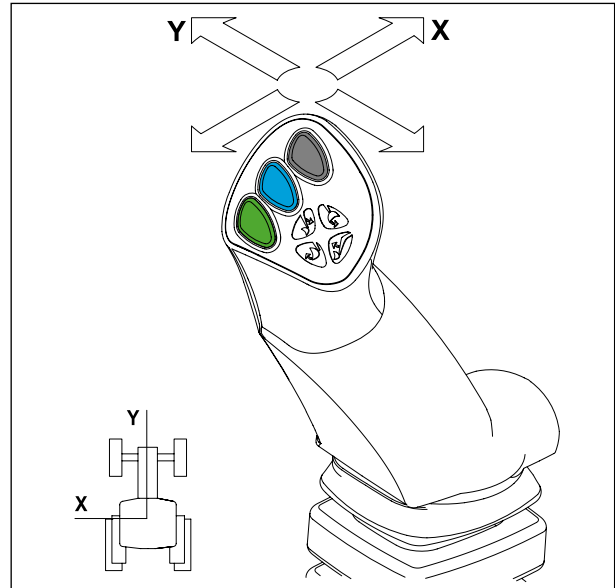
## 7.2.2. Movements

### 1st function: along y-axis

- Forwards = loader lowering (Double-action hydraulic ram operation).
- Forwards after notching = floating position (Single-action hydraulic ram operation).
- Backwards = loader raised.

### 2nd function: along x-axis

- To the left = implement crowding.
- To the right = implement dumping.



### 3rd function: along x-axis

- Button (1) + crowding or dumping movement.

### 4th function: along x-axis

- Button (2) + crowding or dumping movement.

### FAST-LOCK

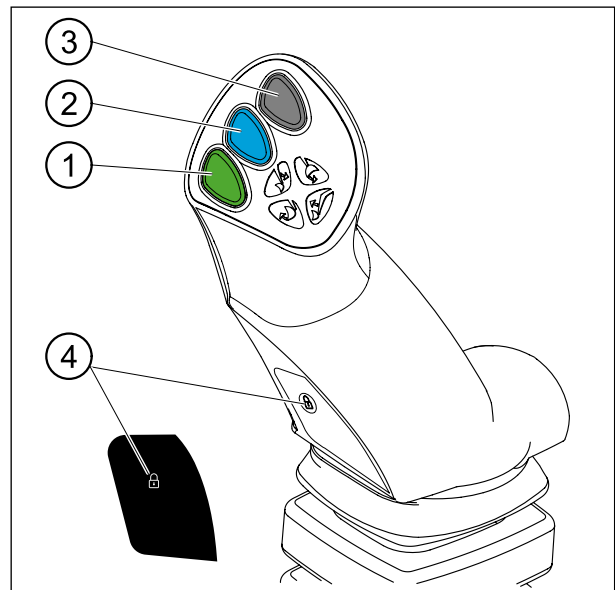
Automatic hitching/unhitching of the implement.

- Button (1) + (4) + crowding or dumping movement.

### SPEED-LINK 2

Automatic implement hitching/unhitching with hydraulic and electric functions.

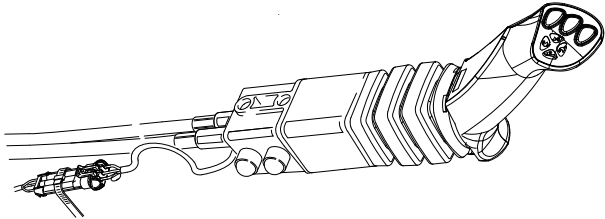
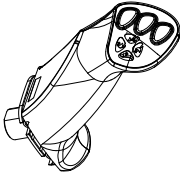


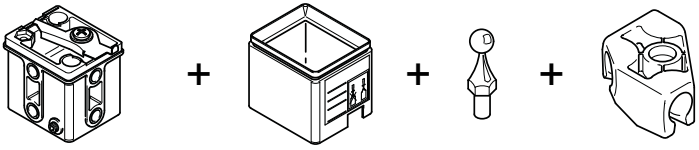
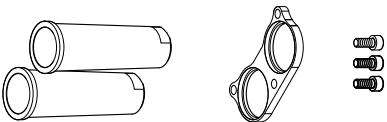

- Button (1) + (4) + crowding or dumping movement.



**NOTE:** Button (3) is not used, button (4) is only available with the FAST-LOCK or SPEED-LINK 2 option.

## 8. Spare parts

### 8.1. Monolevers

Reference	Description	Illustration
524829	4 function (3 buttons) monolever	
524830	5 function (7 buttons) monolever	
525147	3-button handle	
525156	7-button handle	
300652	Aluminium arm	
300655	Fixed ball joint	
300648	Control box	
581538	Cable transmission kit	
581871	Cable nut kit	

## 8.2. Cables

Longueur du câble	Référence du câble
1100 mm	319736
1300 mm	300680
1500 mm	300679
1800 mm	300668
2100 mm	300669
2400 mm	300675
2800 mm	300676
3000 mm	300677
3200 mm	300670
3400 mm	300678
3600 mm	300671
3800 mm	300672
4000 mm	300673
4200 mm	300674





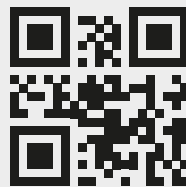








M-extend France : 19 rue de Rennes - 35690 ACIGNÉ



[www.m-x.eu](http://www.m-x.eu)

© MX, part of M-extend