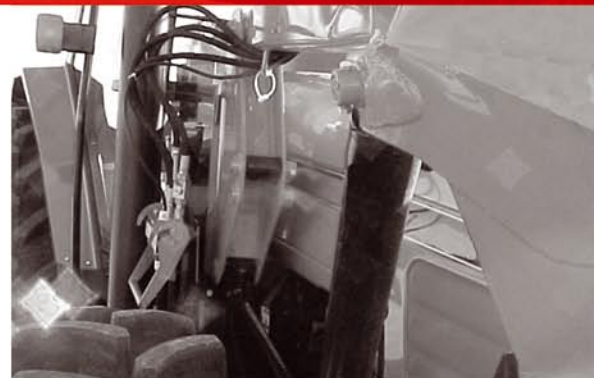




**REMOTE CONTROL
UNIT WK 300**



NIMCO
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CONTROLS

RELIABILITY FROM QUALITY

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GENERAL INFORMATION

The **WK 300** series are a new generation cable control joystick designed to withstand today's machine operators high demands for ergonomic design, low operating efforts and long life.

The joystick design allows the hand lever, via its base plate, to operate directly on to the cable and thereby avoid any loss of stroke as with other conventional cable controls. This, in combination with low friction cables and low spring forces in the valve, allows the operator to utilize the entire lever stroke when operating the spool and thereby enhancing load control and safety.

All the parts including the base plate, the base foundation, the lever and the handgrips are designed and tested to withstand over 1 million cycles.

The **WK 300** series is designed for the Nimco 4K-series cables, which has a spherical ball attachment at the end of each cable that attaches to the base plate directly. This also eliminates any hysteresis in the joystick movements.

A new ergonomically designed handgrip allows for up to three electrical switches. They are located in an optimal position to allow the operator to easily activate secondary functions without any interruption of the joystick position. On the top part of the handgrip is a transparent cover where a graphic containing the machine movements or other instructions can be integrated.

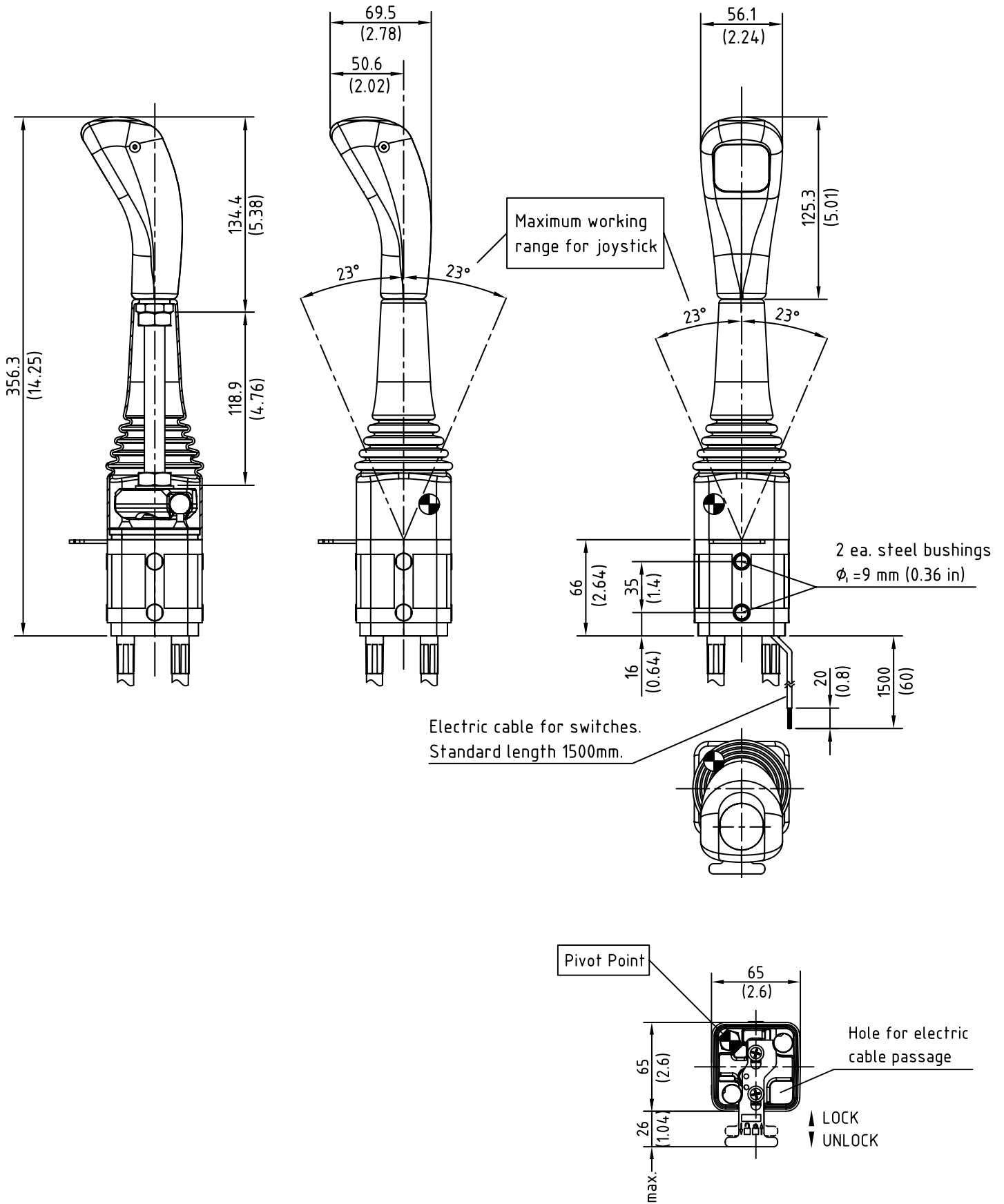
An easy to reach locking lever is integrated on the back of the base plate to secure the joystick from unwanted movements when the machine is transported.

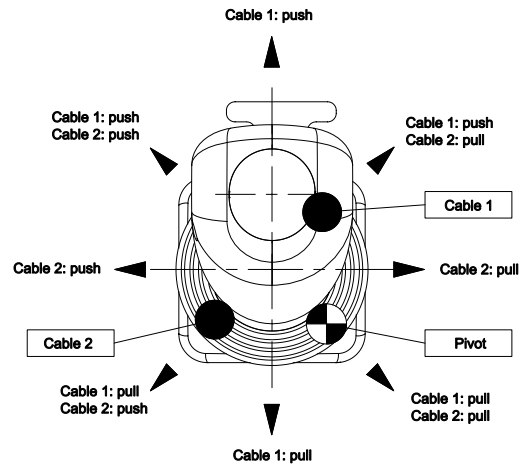
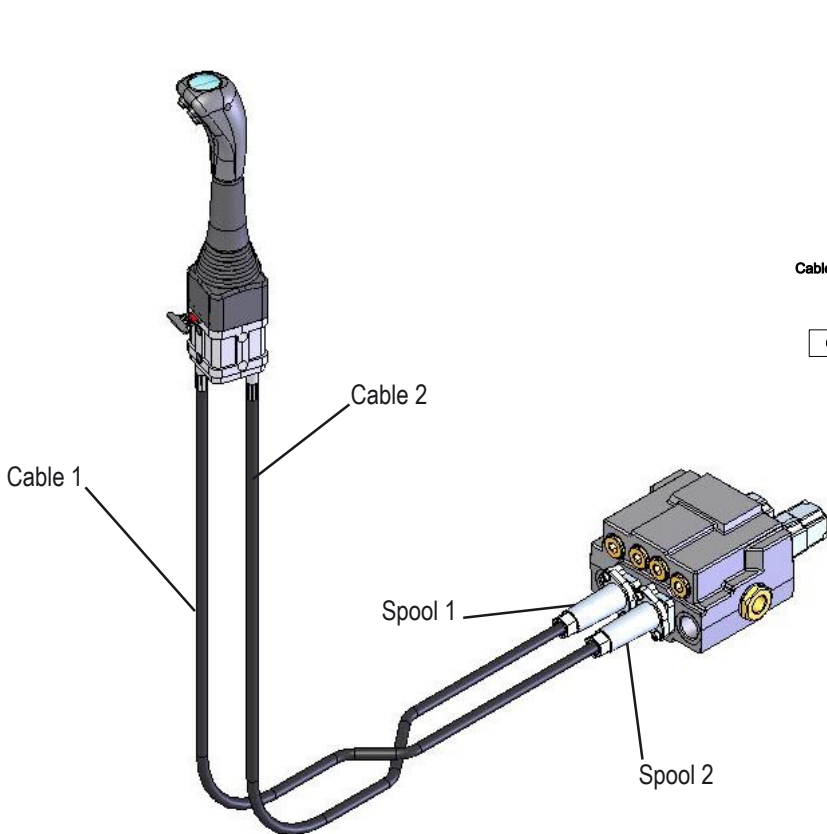
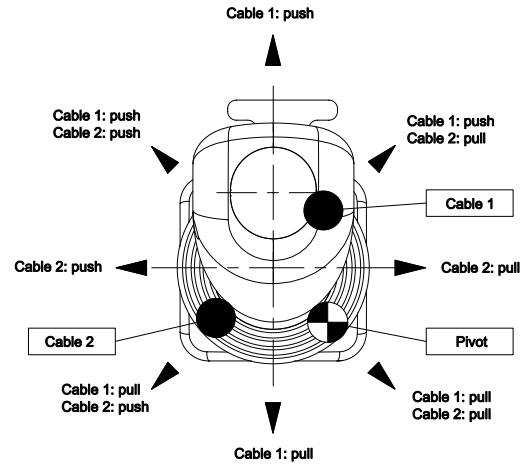
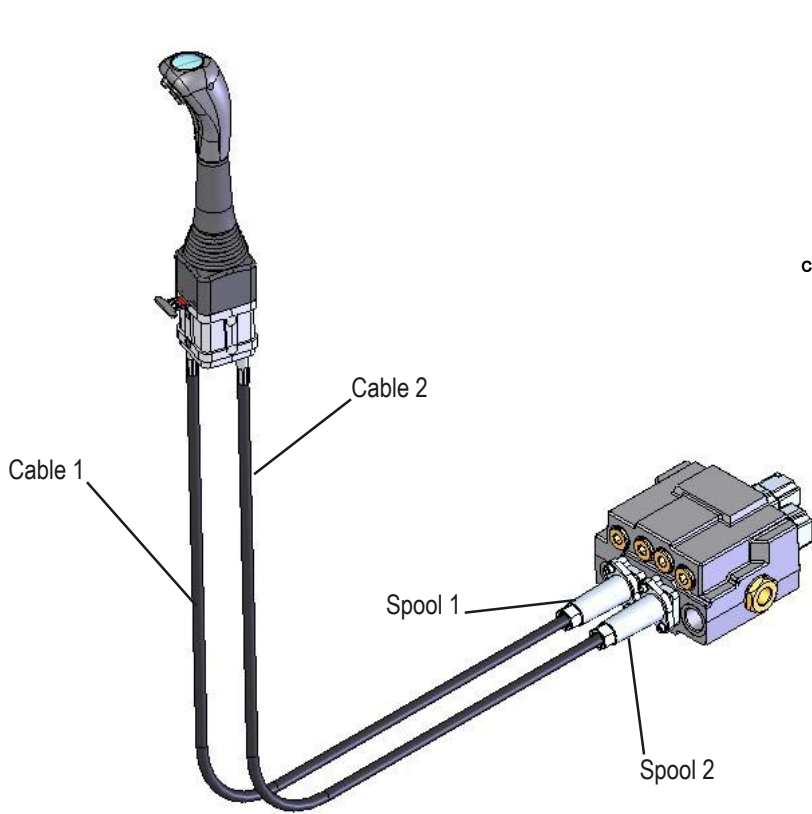
Easy for the customer to change plate with pre-mounted switches and electrical cable.

The **WK 300** series can be used together with all of Nimco Controls valves having 3 position spools as well as 4th position spools such as float or regenerative functions.




Other key features of the WK 300 are:

- A specially enforced hand lever and handgrip where the steel rod goes all the way up through the hand lever.
- The pivot joint made of stainless steel to withstand excessive operative abuse.
- Cubical instead of rectangular base box which allows for both float and regen installation simultaneously.
- A plastic cover on top of the handgrip allowing for the integration of a logo or machine movement description in clear operator view.
- A full length rubber booth covering the entire hand lever from the base box to the hand lever made in self extinguishing and weather resistant plastic polymer.
- A secure and easy to reach locking mechanism with clearly indicated warning signs
- Electrical push buttons rated at 3M cycles and 12V, 6A for direct connection to any of Nimco's Circuit Selector Valves.
- The push button is at high quality and will withstand rough environment
- Recommended for use in combination with Nimco's long life 4K cable series.

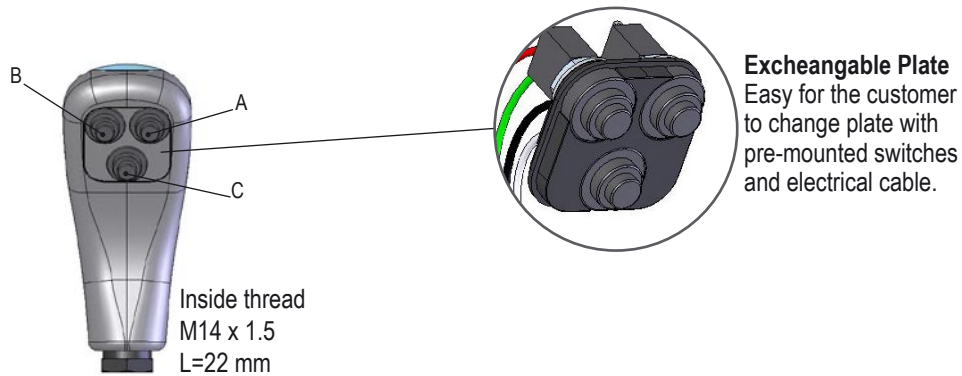




Code	Type	A-side	B-side	Type	Code
9	Spring centered.		<p>98 [3.86]</p>	3W can be used with A-side controls 9, 10, 13 and 14.	3W
10	Detent in pos. 1, 2 and 3.				
11	Spring centered. Detent in pos. 4		<p>107 [4.21]</p>	3W can be used with A-side controls 11, 12 and 15.	4W
12	Spring centered. Detent in pos. 3 and 4				
13	Spring centered. Detent in pos. 2		<p>Cable 4K-series</p> <p>Cable 4K-series</p> <p>Length of cable</p>		
14	Spring centered. Detent in pos. 3				
15	Spring centered. Detent in pos. 2 and 4				

	Article No.	Product	Description
	Complete Joystick		
	11414-3S	WK-300-1-0	JS with 0 El. Switch
	11518-3S	WK-300-1-1	JS with 1 El. Switch
	11519-3S	WK-300-1-2	JS with 2 El. Switches
	11520-3S	WK-300-1-3	JS with 3 El. Switches
	Hand Grip Only		
	11375-3S	WKG-1-0	Hand Grip with 0 El. Switch
	11453-3S	WKG-1-1	Hand Grip with 1 El. Switch
	11454-3S	WKG-1-2	Hand Grip with 2 El. Switches
	11455-3S	WKG-1-3	Hand Grip with 3 El. Switches
	Electrical Exchange Plates		
	11374-3K	WKEP-1-0	Plate with 0 El. Switch
	11515-4S	WKEP-1-1	Plate with 1 El. Switch
	11516-4S	WKEP-1-2	Plate with 2 El. Switches
	11517-4S	WKEP-1-3	Plate with 3 El. Switches

CONFIGURATIONS



WK300 without electrical switches

11414-3S



11375-3S



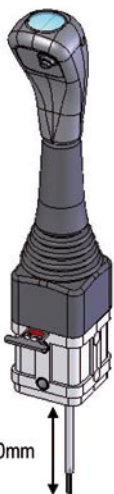
11374-3K



Article No.	Product	Description
11414-3S	WK-300-1-0	Complete joystick w/o electric switches
11375-3S	WKG-1-0	Only handgrip w/o electric switches
11374-3K	WKEP-1-0	Electric exchange plate w/o electric switches

WK300 with one electric switch

11518-3S



11453-3S



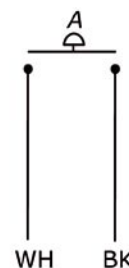
11515-4S



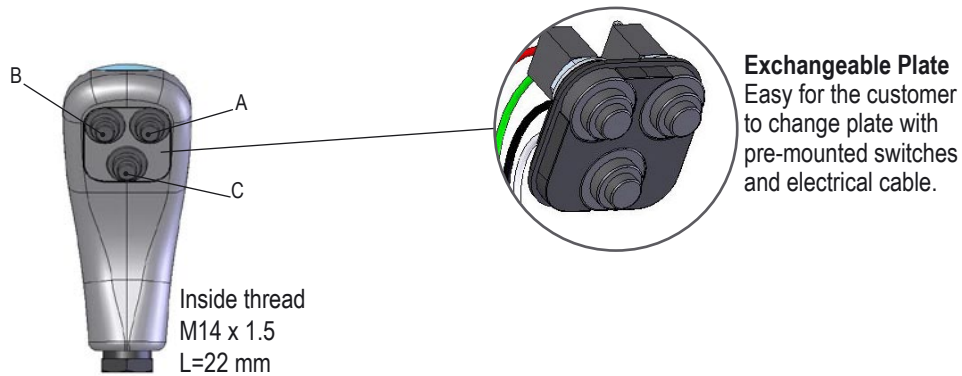
Article No.	Product	Description
11518-3S	WK-300-1-1	Complete joystick with 1 electric switch
11453-3S	WKG-1-1	Only handgrip with 1 electric switch
11515-4S	WKEP-1-1	Electric exchange plate with 1 electric switch

Wiring Diagram

WH = white
 BK = black



CONFIGURATIONS

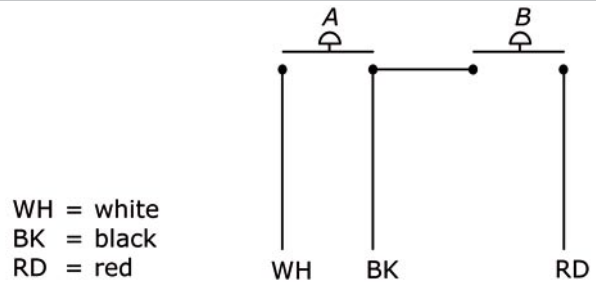


WK300 with two electrical switches



Article No.	Product	Description
11519-3S	WK-300-1-2	Complete joystick with 2 electric switches
11454-3S	WKG-1-2	Only handgrip with 2 electric switches
11516-4S	WKEP-1-2	Electric exchange plate with 2 electric switches

Wiring Diagram

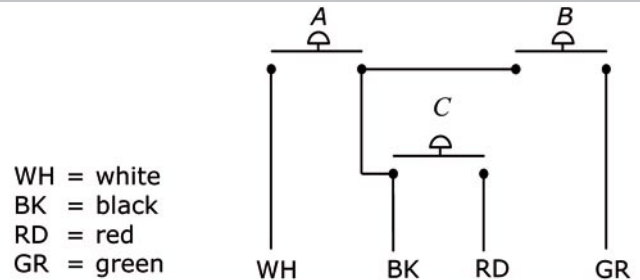


WK300 with three electrical switches



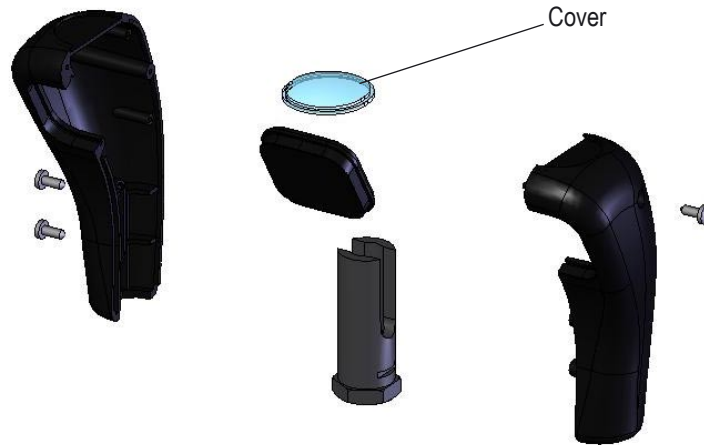
Article No.	Product	Description
11520-3S	WK-300-1-3	Complete joystick with 3 electric switches
11455-3S	WKG-1-3	Only handgrip with 3 electric switches
11517-4S	WKEP-1-3	Electric exchange plate with 3 electric switches

Wiring Diagram



OPTIONAL HANDGRIP INSERTS

On the top part of the handgrip is a transparent cover. The handgrip comes with the Nimco logo or a movement diagram for front loader application as standard, but the customer can choose to integrate a specific print under the clear plastic cover.



Nimco Logo



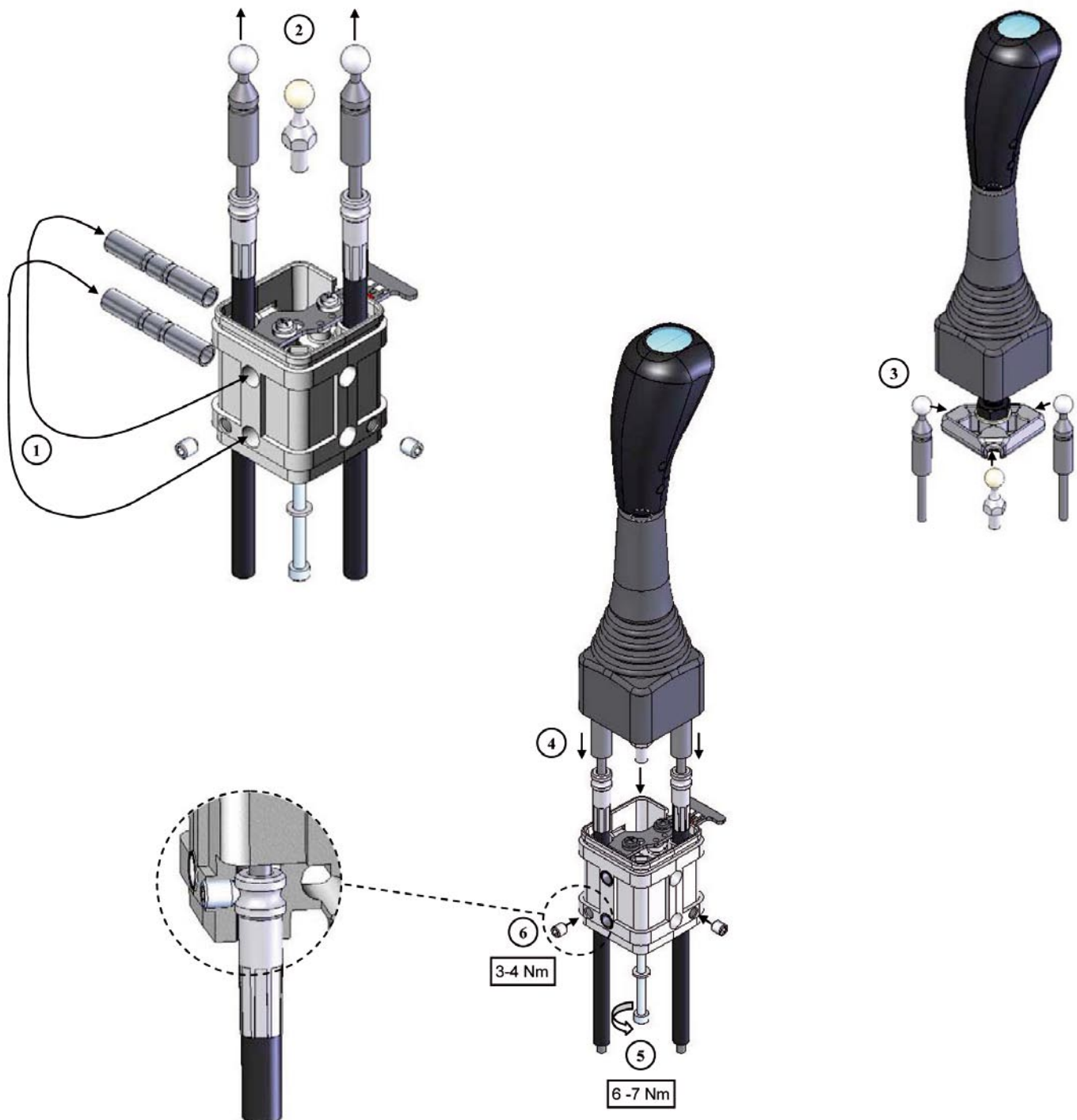
Front Loaders
Diagram



Black



Customize



1. Place the two spacers in the desired position.
2. Pull out the security lock and draw the cables through the two holes in the housing.
3. Insert the cable joints and the pivot post in the yoke.
4. Push the cable joints and pivot post down into the housing.
5. Fasten the pivot post by assembling the screw and tightening it to 6-7 Nm using a 5 mm Allen wrench.
6. Lock the cables by tightening the two stop screws with 3-4 Nm using a 4 mm Allen wrench

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